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SURGERY

The palatally impacted cuspid tooth: a new surgical approach to treatment. Moloney F, et al. **Aust Dent J** 1985 Feb; 30(1):37-46

Canine tooth extraction and pulpotomy in the adult male llama. Kock MD. **J Am Vet Med Assoc** 1984 Dec 1; 185(11):1304-6

Periodontal conditions following surgical exposure of unerupted maxillary canines--a long term follow-up study of two surgical techniques. Tegsjö U, et al. **Swed Dent J** 1984;8(6):257-63

TRANSPLANTATION

[Autogenous transplantation of the canine. Clinical evaluation a decade later] di Lauro F, et al. **Minerva Stomatol** 1985 Jan-Feb;34(1):155-61 (Eng. Abstr.) **(Ita)**

CUTIS LAXA

CHEMICALLY INDUCED

Acquired cutis laxa: case report and review of disorders of elastolysis. Koch SE, et al. **Pediatr Dermatol** 1985 Jul; 2(4):282-8

DIAGNOSIS

Blepharochalasis syndrome. Custer PL, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):424-8

[Cutis laxa. Classification, clinical aspects and molecular defects] Mensing H, et al. **Hautarzt** 1984 Oct;35(10):506-11 (Eng. Abstr.) **(Ger)**

ENZYMOLOGY

Characterization and partial purification of a neutral protease from the serum of a patient with autosomal recessive pulmonary emphysema and cutis laxa. Anderson LL, et al. **J Lab Clin Med** 1985 May;105(5):537-46

FAMILIAL & GENETIC

Cutis laxa, ligamentous laxity, and delayed development [letter] Karrar ZA. **Pediatrics** 1984 Nov;74(5):903-4

METABOLISM

Characterization of a type VI collagen-related Mr-140 000 protein from cutis-laxa fibroblasts in culture. Crawford SW, et al. **Biochem J** 1985 Apr 15;227(2):491-502

Elastoderma--disease of elastin accumulation within the skin. Kornberg RL, et al. **N Engl J Med** 1985 Mar 21; 312(12):771-4

PATHOLOGY

Granulomatous slack skin. Balus L, et al. **Arch Dermatol** 1985 Feb;121(2):250-2

Postinflammatory elastolysis and cutis laxa: report of a case with aortitis. Christensen CC, et al. **Pediatr Pathol** 1983 Apr-Jun;1(2):199-210

CYANAMIDE see under **CYANIDES**

CYANATES

Bhopal disaster: eye follow-up and analytical chemistry [letter] Andersson N, et al. **Lancet** 1985 Mar 30; 1(8431):761-2

Isocyanates and health [letter] Mets JT. **S Afr Med J** 1985 May 25;67(21):836-7

[Additional findings on contact sensitivity of mice induced by toluene diisocyanate (TDI)] Tanaka K, et al. **Arerugi** 1985 Feb;34(2):128-34 (Eng. Abstr.) **(Jpn)**

[Hypersensitivity pneumonitis in a polyurethane paint sprayer] Fujimura N, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jun; 22(6):506-13 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Specific bronchoalveolar lavage IgG antibody in hypersensitivity pneumonitis from diphenylmethane diisocyanate. Bascom R, et al. **Am Rev Respir Dis** 1985 Mar;131(3):463-5

Combined asthma and alveolitis due to diphenylmethane diisocyanate (MDI) with demonstration of no crossed respiratory reactivity to toluene diisocyanate (TDI). Mapp CE, et al. **Ann Allergy** 1985 May;54(5):424-9

Occupational asthma in a steel coating plant. Venables KM, et al. **Br J Ind Med** 1985 Aug;42(8):517-24

Follow-up study of patients with respiratory disease due to toluene diisocyanate (TDI). Paggiaro PL, et al. **Clin Allergy** 1984 Sep;14(5):463-9

Specific IgE antibodies in twenty-eight workers with diisocyanate-induced bronchial asthma. Pezzini A, et al. **Clin Allergy** 1984 Sep;14(5):453-61

Dermatological problems with synthetic resins and plastics in glues. Part II. Malten KE. **Derm Beruf Umwelt** 1984; 32(4):118-25

Toluene diisocyanate and lung function. Kay S. **Food Chem Toxicol** 1985 Mar;23(3):411-3

Symptoms and lung function in low-exposure to TDI by polyurethane foam manufacturing. Alexandersson R, et al. **Int Arch Occup Environ Health** 1985;55(2):149-57

Two-year observation of pulmonary function in workers exposed to low concentrations of toluene diisocyanate. Omae K. **Int Arch Occup Environ Health** 1984;55(1):1-12

A 10-year follow-up study of a group of workers exposed to isocyanates. Gee JB, et al. **J Occup Med** 1985 Jan; 27(1):15-8

Long-term health effects following isocyanate exposure [letter] Kelly RM, et al. **J Occup Med** 1985 Jul;27(7):469-70

TDI-induced oculorhinitis and bronchial asthma. Paggiaro PL, et al. **J Occup Med** 1985 Jan;27(1):51-2

Isocyanates and health--a review. Zwi AB. **S Afr Med J** 1985 Feb 9;67(6):209-11 (25 ref.)

Differences in the respiratory capacity of workers with long-term exposure to vapors from paints free from or containing organic isocyanates [letter] Beving H, et al. **Scand J Work Environ Health** 1984 Aug;10(4):267-8

[Pneumopathy caused by hypersensitivity to isocyanates. Value and dangers of a realistic provocation test] Vergnon JM, et al. **Rev Mal Respir** 1985;2(2):83-90 (Eng. Abstr.) **(Fre)**

[A case from practice (35). Isocyanate-induced asthma. Patient F.R., born 7-21-1960] Kiss D. **Schweiz Rundsch Med Prax** 1985 Apr 9;74(15):388-9 **(Ger)**

[Occupational asthma caused by toluene diisocyanate in workers who touch-up the frames used in textile printing] Baruffini A, et al. **Med Lav** 1984 Sep-Oct;75(5):393-8 (Eng. Abstr.) **(Ita)**

[A case of pneumonitis possibly due to isocyanate in an automobile painter] Dosaka H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Nov; 22(11):1040-5 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Evidence for the formation of a hydrate of 4,4'-diphenylmethane diisocyanate. Gude'hn A. **Am Ind Hyg Assoc J** 1985 Mar;46(3):142-9

Modified Marcali method for the determination of total toluenediisocyanate in air. Rando RJ, et al. **Am Ind Hyg Assoc J** 1985 Apr;46(4):206-10

Improved chromatographic procedure for determination of 9-(N-methylaminomethyl)anthracene isocyanate derivatives by high-performance liquid chromatography. Gudéhn A. **J Chromatogr** 1984 Oct 5;301(2):481-4

[Comparison of stationary and person-bound measurements of toluene diisocyanate in workrooms of a polyurethane foam-producing plant] Schaffernicht H, et al. **Z Gesamte Hyg** 1985 Jun;31(6):373-5 (Eng. Abstr.) **(Ger)**

[Comparison of 3 methods of sampling and analysis of toluene diisocyanate (TDI) in the air] Sciarra G, et al. **Med Lav** 1984 Nov-Dec;75(6):491-6 (Eng. Abstr.) **(Ita)**

BLOOD

Cyanate and temperature regulation in anephric rabbits. Eiger SM, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F69-73

Analysis of plasma cyanate as 2-nitro-5-thiocarbamylbenzoic acid by high-performance liquid chromatography. Eiger S, et al. **Anal Biochem** 1985 May 1;146(2):321-6

DIAGNOSTIC USE

[Amino acid sequence analysis by FITC method] Muramoto K, et al. **Tanpakushitsu Kakusan Koso** 1984 Sep; 29(9):735-44 **(Jpn)**

IMMUNOLOGY

A study of serum antibody activity in workers with occupational exposure to diphenylmethane diisocyanate. Tse KS, et al. **Allergy** 1985 Jul;40(5):314-20

Occupational lung disease induced by reactive chemicals. Zeiss CR. **Clin Rev Allergy** 1985 May;3(2):217-26

Time course of the increase in airway responsiveness associated with late asthmatic reactions to toluene diisocyanate in sensitized subjects. Mapp CE, et al. **J Allergy Clin Immunol** 1985 May;75(5):568-72

METABOLISM

Pharmacokinetic analysis of potassium cyanate in mice using whole blood and expired air. Johnson JD, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):260-2

PHARMACODYNAMICS

Conformational changes induced in bovine lens alpha-crystallin by carbamylation. Relevance to cataract. Beswick HT, et al. **Biochem J** 1984 Oct 1;223(1):221-7

Amino acid derived latent isocyanates: irreversible inactivation of porcine pancreatic elastase and human leukocyte elastase. Groutas WC, et al. **J Med Chem** 1985 Feb;28(2):204-9

POISONING

Bhopal tragedy's repercussions may reach American physicians [news] Marwick C. **JAMA** 1985 Apr 12; 253(14):2001-3

After coping with crisis, medicine ponders sequelae [news] Marwick C. **JAMA** 1985 Apr 12;253(14):2003-4, 2009-10, 2013 passim

Calamity at Bhopal [editorial] **Lancet** 1984 Dec 15; 2(8416):1378-9

Bhopal eye [letter] Andersson N, et al. **Lancet** 1984 Dec 22; 2(8417-18):1481

Information on methyl isocyanate [letter] Carter JT. **Lancet** 1985 Jan 19;1(8421):173

Helping out in Bhopal [news] **Nature** 1984 Dec 13-19; 312(5995):579-80

Ways of death [news] Beardsley T. **Nature** 1984 Dec 13-19; 312(5995):581

Toxic gas: pesticide plant leak wreaks disaster in India [news] Jayaraman KS. **Nature** 1984 Dec 13-19;312(5995):581

THERAPEUTIC USE

Phase-I clinical trial of sodium cyanate in patients with advanced colorectal carcinoma. Herrera-Ornelas L, et al. **Oncology** 1985;42(4):236-41

TOXICITY

Detection of urinary amine metabolites in toluene diisocyanate exposed rats. Rosenberg C, et al. **J Chromatogr** 1985 Apr 26;323(2):429-33

Use of repeated CO2 challenges to evaluate the pulmonary performance of guinea pigs exposed to toluene diisocyanate. Wong KL, et al. **J Toxicol Environ Health** 1985;15(1):137-48

Lens opacities induced in rat lenses by methyl isocyanate [letter] Harding JJ, et al. **Lancet** 1985 Mar 30;1(8431):762

Pulmonary and sensory irritation of diphenylmethane-4,4'- and dicyclohexylmethane-4,4'-diisocyanate. Weyel DA, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):427-33

[Methylisocyanate] Proksch E, et al. **Dtsch Med Wochenschr** 1985 Feb 8;110(6):203-4 **(Ger)**

CYANIDES

Destruction of cyanogen bromide and inorganic cyanides. Lunn G, et al. **Anal Biochem** 1985 May 15;147(1):245-50

Investigations of cyanide as an infrared probe of hemeprotein ligand binding sites. Yoshikawa S, et al. **J Biol Chem** 1985 Mar 25;260(6):3518-28

ADVERSE EFFECTS

Cyanamide, ethanol, and liver cell inclusion bodies [letter] Obach VR, et al. **Lab Invest** 1985 Jul;53(1):116-7

[Liver function in alcoholic patients treated with cyanamide] Borja Villegas J. **Actas Luso Esp Neurol Psiquiatr** 1984 May-Jun;12(3):223-5 (Eng. Abstr.) **(Spa)**

ANALYSIS

Development of an assay method for cyanide, alpha-aminonitriles and alpha-hydroxynitriles for the study of the biological hydrolysis of these compounds. Jallageas JC, et al. **Analyst** 1984 Nov;109(11):1439-42

Spectrophotometric method for the determination of cyanide and its application to biological fluids. Upadhyay S, et al. **Analyst** 1984 Dec;109(12):1619-20

Electrochemical detection of cyanogenic glycosides after enzymatic post-column cleavage. Dalgaard L, et al. **J Chromatogr** 1984 Oct 26;303(1):67-76

The cyanide content of laetrile preparations, apricot, peach and apple seeds. Holzbecher MD, et al. **J Toxicol Clin Toxicol** 1984;22(4):341-7

Postmortem changes in the concentrations of cyanide and thiocyanate. Yamamoto K, et al. **Nippon Hoigaku Zasshi** 1984 Jun;38(3):289-93

The influence of pralidoxime mesylate on the measurement of cyanide concentrations in solutions. Ballantyne B. **Vet Hum Toxicol** 1984;26 Suppl 2:23-7

ANTAGONISTS & INHIBITORS

Pharmacologic and toxicologic basis of cyanide antagonism. Way JL, et al. **Proc West Pharmacol Soc** 1984;27:149-53

BLOOD

Blood cyanide and thiocyanate concentrations produced by long-term therapy with sodium nitroprusside. Vesey CJ, et al. **Br J Anaesth** 1985 Feb;57(2):148-55

Determination of cyanide in whole blood, erythrocytes, and plasma. Lundquist P, et al. **Clin Chem** 1985 Apr;31(4):591-5

Substitution of tetramethylbenzidine for benzidine in cyanide analyses. Williams KJ, et al. **Clin Chim Acta** 1985 Jan 15 145(1):113-8

Nitroprusside vs. a nitroprusside-trimethaphan mixture for induced hypotension: hemodynamic effects and cyanide release. Fahmy NR. **Clin Pharmacol Ther** 1985 Mar; 37(3):264-70

CHEMICAL SYNTHESIS

[Development of an automatic synthesis system for cyclotron--produced radiopharmaceuticals: 15O-water and 11C-cyanide] Nishihara Y, et al. **Radioisotopes** 1984 Oct;33(10):706-9 **(Jpn)**

DIAGNOSTIC USE

Covalent coupling of proteins to erythrocytes by isocyanide. A new, sensitive and mild technique for identification and estimation of antibodies by passive hemagglutination. Drevin H, et al. **J Immunol Methods** 1985 Feb 28;77(1):9-14

METABOLISM

Catalase mediated conversion of cyanamide to an inhibitor of aldehyde dehydrogenase. DeMaster EG, et al. **Alcohol** 1985 Jan-Feb;2(1):117-21

Acceleration of the NAD cyanide adduct reaction by lactate dehydrogenase: the equilibrium binding effect as a measure of the activation of bound NAD. Burgner JW 2d, et al. **Biochemistry** 1984 Jul 31;23(16):3620-6

Structure and reactivity of multiple forms of cytochrome oxidase as evaluated by X-ray absorption spectroscopy and kinetics of cyanide binding. Naqui A, et al. **Biochemistry** 1984 Dec 4;23(25):6222-7

Use of 11C as a tracer for studying the synthesis of [11C]urea from [11C]cyanide. Boothe TE, et al. **Int J Appl Radiat Isot** 1985 Feb;36(2):141-4

Quantification of expired metabolites following potassium cyanide administration: a new method. Johnson JD, et al. **J Anal Toxicol** 1985 May-Jun;9(3):112-5

Effect of cyanide binding on the copper sites of cytochrome c oxidase: an X-ray absorption spectroscopic study. Scott RA, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):199-205

Temperature dependent release of cyanide from sodium nitroprusside. Tanaka T, et al. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):201-6

[Reaction of oxidized cytochrome oxidase with cyanide. Effects of pH, cytochrome c and membrane environment] Andreev IM, et al. **Bioorg Khim** 1983 Feb;9(2):216-27 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Trypanosoma (Schizotrypanum) cruzi: terminal oxidases in exponential and stationary growth phase emipastigotes cultured in vitro. de Maio A, et al. **Acta Cient Venez** 1984; 35(2):136-41

Graded effects of oxygen and respiratory inhibitors on cell metabolism and spontaneous contractions in smooth muscle of the rat portal vein. Lövgren B, et al. **Acta Physiol Scand** 1985 Apr;123(4):485-95

Cyanamide injections during alcohol deprivation increase alcohol drinking. Sinclair JD, et al. **Alcohol** 1985 Jul-Aug; 2(4):527-30

Identification of aldehyde dehydrogenase resistant to cyanamide and disulfiram inhibition. Svanas GW, et al. **Alcohol** 1984 Jul-Aug;1(4):347-9

Use of cyanamide to determine localization of acetaldehyde metabolism in rat liver. Svanas GW, et al. **Alcohol** 1985 Jan-Feb;2(1):111-5

A comparison of the effects of cyanide, hydrogen peroxide, and phenylglyoxal on eucaryotic and procaryotic Cu,Zn superoxide dismutases. Borders CL Jr, et al. **Arch Biochem Biophys** 1985 Sep;241(2):472-6

The effect of cyanide on the K-current in guinea-pig ventricular myocytes. Van der Heyden G, et al. **Basic Res Cardiol** 1985;80 Suppl 1:93-6

Effects of metabolic inhibitors on the distribution of 45-Ca in subcellular fractions from pancreatic islets. Nygren P, et al. **Biochem Int** 1985 Jun;10(6):881-8

Cyanide inhibition of cytochrome c oxidase. A rapid-freeze e.p.r. investigation. Jensen P, et al. **Biochem J** 1984 Dec 15;224(3):829-37

Different effects of cyanide on the activities of 7-ethoxycoumarin O-deethylation catalyzed by two forms of cytochrome P-450 purified from 3-methylcholanthrene-treated rats. Kitada M, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1133-6

Enzymatic requirement for cyanamide inactivation of rat liver aldehyde dehydrogenase. Svanas GW, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1197-204

Complexes of cytochrome caa3 from the thermophilic bacterium PS3 formed with ligands and during catalytic activity. Sone N, et al. **Can J Biochem Cell Biol** 1985 Mar; 63(3):153-61

Photophobic and phototactic responses of Amoeba proteus in KCN and SHAM solutions. Lazowski K, et al. **Cell Biol Int Rep** 1985 Apr;9(4):373-8

Influence of temperature and cyanide on electrical and mechanical activities of isoproterenol-damaged frog heart. Volkmann R, et al. **Comp Biochem Physiol [C]** 1985; 81(1):195-202

The action of anoxia and cyanide on glycogen breakdown in the liver of the gsd/gsd rat. Conaglen JV, et al. **Eur J Biochem** 1984 Dec 3;145(2):323-7

Effect of cyanide on nitrovasodilator-induced relaxation, cyclic GMP accumulation and guanylate cyclase activation in rat aorta. Rapoport RM, et al. **Eur J Pharmacol** 1984 Sep 3;104(1-2):61-70

Inhibition of methanogenesis and carbon metabolism in Methanosarcina sp. by cyanide. Smith MR, et al. **J Bacteriol** 1985 Apr;162(1):67-71

Changes in glucose metabolism and cyanide sensitivity in Schistosoma mansoni during development. Thompson DP, et al. **Mol Biochem Parasitol** 1984 Sep;13(1):39-51

Cyanide and sulfide interact with nitrogenous compounds to influence the relaxation of various smooth muscles. Kruszyna H, et al. **Proc Soc Exp Biol Med** 1985 May; 179(1):44-9

Quantitative similarities in the several actions of cyanide on prostaglandin H synthase. Kulmacz RJ, et al. **Prostaglandins** 1985 Feb;29(2):175-90

Effects of high hepatic acetaldehyde level following simultaneous administration of ethanol and cyanamide on liver function in rats. Nakatsukasa H, et al. **Res Exp Med (Berl)** 1985;185(3):221-5

The effects of cyanide and its interactions with norepinephrine on isolated aorta strips from the rabbit, dog, and ferret. Robinson CP, et al. **Toxicology** 1985 Apr; 35(1):59-72

The adherence of Giardia lamblia trophozoites to nylon fibre microcolumns: effect of temperature, fluoride, cyanide and metronidazole. Seow WK, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):359-62

POISONING

Hyperbaric oxygen and cyanide poisoning [letter] Kizer KW. **Am J Emerg Med** 1984 Jan;2(1):113

Cyanide poisoning treated with hyperbaric oxygen [clinical conference] Litovitz TL, et al. **Am J Emerg Med** 1983 Jul; 1(1):94-101

Treatment of acute cyanide intoxication with hemodialysis. Wesson DE, et al. **Am J Nephrol** 1985;5(2):121-6

Studies of cyanide poisoning. Vick JA, et al. **Arch Int Pharmacodyn Ther** 1985 Feb;273(2):314-22

Cyanide poisoning of goats from sugar gums (Eucalyptus cladocalyx). Webber JJ, et al. **Aust Vet J** 1985 Jan;62(1):28

Cyanide intoxication among silver-reclaiming workers. Blanc P, et al. **JAMA** 1985 Jan 18;253(3):367-71

Cyanide-induced parkinsonism: a clinicopathologic report. Uitti RJ, et al. **Neurology** 1985 Jun;35(6):921-5

[Cyanide poisoning. Priority to symptomatic treatment. 25 cases] Bismuth C, et al. **Presse Med** 1984 Nov 17; 13(41):2493-7 (Eng. Abstr.) **(Fre)**

TOXICITY

Effects of protein-free diet and food deprivation on hepatic rhodanese activity, serum proteins and acute cyanide lethality in mice. Rutkowski JV, et al. **J Nutr** 1985 Jan; 115(1):132-7

Cerebral cytochrome a,a3 inhibition by cyanide in bloodless rats. Piantadosi CA, et al. **Toxicology** 1984 Oct;33(1):67-79

CYANOACRYLATES

Rolandic arteriovenous malformations: improvement in limb function by IBC embolization. Fox AJ, et al. **AJNR** 1985 Jul-Aug;6(4):575-82

Preparation and in vivo studies of a new drug delivery system. Nanoparticles of alkylcyanoacrylate. Maincent P, et al. **Appl Biochem Biotechnol** 1984;10:263-5

Management of complications of cyanoacrylate adhesives. Maitra AK. **Br J Clin Pract** 1984 Jul-Aug;38(7-8):284-6

The use of methyl cyanoacrylate (MCA) for female sterilization. Program for Applied Research on Fertility Regulation Northwestern University Medical School Chicago, Illinois. **Contraception** 1985 Mar;31(3):243-52

Factors affecting the probability of conception after treatment of subfertile men with varicocele by transcatheter embolization with Bucrylate. Comhaire FH, et al. **Fertil Steril** 1985 May;43(5):781-6

Isobutyl-2-cyanoacrylate pulmonary emboli associated with occlusive embolotherapy of cerebral arteriovenous malformations. Coard K, et al. **Histopathology** 1984 Nov; 8(6):917-26

Control of needle hole bleeding with ethyl-cyanoacrylate glue (Krazy Glue). Citrin P, et al. **J Vasc Surg** 1985 May; 2(3):488-90

Experimental carotid aneurysms: Part 2. Endovascular treatment with cyanoacrylate. Kerber CW, et al. **Neurosurgery** 1985 Jan;16(1):13-7

Cyanoacrylate adhesive for attaching Ralph knives to holders. Federman Q, et al. **Stain Technol** 1985 May; 60(3):183-4

[Use of cyanoacrylate glue in operations on the ovaries] Beloglazova SE, et al. **Akush Ginekol (Mosk)** 1985 Mar; (3):55-6 **(Rus)**

ADMINISTRATION & DOSAGE

Cyanoacrylate ester adhesive: a versatile tool in experimental surgery. Stickrod G, et al. **Physiol Behav** 1984 Apr; 32(4):695-6

[Technic of end-to-end intestinal anastomosis using glue] Bondaruk II, et al. **Klin Khir** 1985 Feb;(2):25-6 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Asthma and rhinitis due to ethylcyanoacrylate instant glue. Kopp SK, et al. **Ann Intern Med** 1985 May;102(5):613-5

Staining procedure to aid in assessment of bucrylate histotoxicity in tissue sections. Lundie MJ, et al. **Arch Pathol Lab Med** 1985 Aug;109(8):779-81

Reactions to cyanoacrylate adhesives: 'instant glue'. Fisher AA. **Cutis** 1985 Jan;35(1):18, 20, 22 passim

Neuropathological changes related to the transorbital application of ethyl 2-cyanoacrylate adhesive to the basal cerebral arteries of cats. Smith TW, et al. **J Neurosurg** 1985 Jan;62(1):108-14

Chronic dermatitis simulating small-plaque parapsoriasis due to cyanoacrylate adhesive used on fingernails. Shelley ED, et al. **JAMA** 1984 Nov 2;252(17):2455-6

THERAPEUTIC USE

Preembolization superselective angiography: role in the treatment of brain arteriovenous malformations with isobutyl-2 cyanoacrylate. Viñuela F, et al. **AJNR** 1984 Nov-Dec;5(6):765-9

Experimental osteosynthesis with liquid ethyl cyanacrylate polymerized with ultrasound. Forssell H, et al. **Arch Orthop Trauma Surg** 1984;103(4):278-83

Morphological studies of human arteriovenous malformations. Effects of isobutyl 2-cyanoacrylate embolization. Klara PM, et al. **J Neurosurg** 1985 Sep; 63(3):421-5

Isobutyl cyanoacrylate: a clinical and histologic comparison with sutures in closing mucosal incisions in monkeys. Javelet J, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan; 59(1):91-4

[Treatment of the residual pancreatic stump with tissue adhesives] Urbano D, et al. **Chir Patol Sper** 1983 Feb; 31(1):21-8 (Eng. Abstr.) **(Ita)**

[Results of using cyanoacrylate glue in gynecological surgery] Beloglazova SE. **Akush Ginekol (Mosk)** 1984 Nov; (11):57-8 (Eng. Abstr.) **(Rus)**

[Hermetic sealing of bronchial fistulas under experimental and clinical conditions] Kabanov AN, et al. **Grudn Khir** 1985 Jan-Feb;(1):50-3 (Eng. Abstr.) **(Rus)**

[Modified single-row suture-glue method of large intestine anastomosis after resection] Savel'ev VS, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):113-4 **(Rus)**

[Method of surgical treatment of inguinal hernias in children using glue] Shapkina AP, et al. **Vestn Khir** 1984 Nov; 133(11):100-3 (Eng. Abstr.) **(Rus)**

[Hermetization of sutures and serous membrane-lacking segments in operations on the intestines in children] Stepanov EA, et al. **Vestn Khir** 1985 May;134(5):136-7 **(Rus)**

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CYANOGEN BROMIDE

Destruction of cyanogen bromide and inorganic cyanides. Lunn G, et al. **Anal Biochem** 1985 May 15;147(1):245-50

Site of binding of IgG2b and IgG2a by mouse macrophage Fc receptors by using cyanogen bromide fragments. Diamond B, et al. **J Immunol** 1985 Feb;134(2):1080-3

[Primary structure of the elongation factor G from Escherichia coli. VI. Structure of peptides of cyanogen bromide cleavage of the G-factor molecule] Alakhov IuB, et al. **Bioorg Khim** 1983 Mar;9(3):304-14 (Eng. Abstr.) **(Rus)**

[Primary structure of rhodopsin. I. Cyanogen bromide degradation peptides] Artamonov ID, et al. **Bioorg Khim** 1983 Oct;9(10):1301-16 (Eng. Abstr.) **(Rus)**

[Primary structure of the elongation factor G from Escherichia coli. IX. Structure of peptides generated by cyanogen bromide cleavage of the G-factor isolated on thiol-activated sepharose and of the products of the G-factor cleavage at Asp-Pro bonds. Complete primary structure] Ovchinnikov IuA, et al. **Bioorg Khim** 1983 Mar; 9(3):343-57 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Modification of the heme distal side in myoglobin by cyanogen bromide. Heme environmental structures and ligand binding properties of the modified myoglobin. Shiro Y, et al. **Biochemistry** 1984 Oct 9;23(21):4879-84

Influence of cyanogen-bromide-digested fibrinogen on the kinetics of plasminogen activation by urokinase. Lijnen HR, et al. **Eur J Biochem** 1984 Nov 2;144(3):541-4

Separation of cyanogen bromide fragments from normal and abnormal human serum albumin by reversed-phase high-performance liquid chromatography. Iadarola P, et al. **J Chromatogr** 1984 Aug 24;298(2):336-44

CYANOKETONE see under **ANDROSTENOLS**

CYANOMETHANES see **ACETONITRILES**

CYANOPHYCEAE see **ALGAE, BLUE-GREEN**

CYANOPHYTA see **ALGAE, BLUE-GREEN**

CYANOSIS

CHEMICALLY INDUCED

Cyanotic crises in a breast-fed infant from mother taking dipyrone. Rizzoni G, et al. **Hum Toxicol** 1984 Dec; 3(6):505-7

Acute myocardial effects of chloramphenicol in newborn pigs: a possible insight into the gray baby syndrome. Werner JC, et al. **J Infect Dis** 1985 Aug;152(2):344-50

[Toxic methemoglobinemia following the postoperative ingestion of 4,4-diaminodiphenylsulfone (DADPS)—on the differential diagnosis of cyanosis] Frucht U, et al. **Anasth Intensivther Notfallmed** 1985 Feb;20(1):22-4 (Eng. Abstr.) **(Ger)**

COMPLICATIONS

Cyanosis and tachypnea with weight loss in an infant. Phillips KM, et al. **Ann Allergy** 1985 Jun;54(6):477-8, 510-5

DIAGNOSIS

The cyanotic newborn: keys to early diagnosis and emergency management. Arensman FW. **J Med Assoc Ga** 1984 Sep;73(9):627-31, 635

[The approach to the cyanotic newborn and the differential diagnosis of congenital cyanotic heart disease] Zeevi B, et al. **Harefuah** 1985 Jan 1;108(1):23-8 **(Heb)**

ETIOLOGY

The 'blue toe' syndrome with renal atheroembolism and failure. Zatuchni J, et al. **Angiology** 1985 Apr;36(4):209-14

Apnea, bradycardia, and cyanosis during oral feeding in term neonates [letter] Mathew OP, et al. **J Pediatr** 1985 May; 106(5):857

A case of attempted suicide by self-hanging. Braye SG, et al. **Resuscitation** 1985 Mar;12(4):247-51

Multiple microscopic pulmonary arteriovenous connections in the lungs presenting as cyanosis. MacNee W, et al. **Thorax** 1985 Apr;40(4):316-8

[Skin manifestations in disseminated intravascular coagulation syndrome] Koliadenko VG, et al. **Vestn Dermatol Venerol** 1985 May;(5):31-6 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Carotid body hyperplasia in cystic fibrosis and cyanotic heart disease. A combined morphometric, ultrastructural, and biochemical study. Lack EE, et al. **Am J Pathol** 1985 May; 119(2):301-14

PHYSIOPATHOLOGY

Pathophysiology of chronic cyanosis in a canine model. Functional and metabolic response to global ischemia. Lupinetti FM, et al. **J Thorac Cardiovasc Surg** 1985 Aug; 90(2):291-6

Ventilatory chemosensitivity in subjects with a history of childhood cyanotic breath-holding spells. Anas NG, et al. **Pediatrics** 1985 Jan;75(1):76-9

THERAPY

[Metabolic control of arterial blood pressure during oxygenation in the early neonatal period in full-term infants born to healthy women and to those with late pregnancy toxemia] Mochalova LD, et al. **Vestn Akad Med Nauk SSSR** 1985;(6):35-7 (Eng. Abstr.) **(Rus)**

CYBERNETICS

'Neural' computation of decisions in optimization problems. Hopfield JJ, et al. **Biol Cybern** 1985;52(3):141-52

Entrainment of two coupled van der Pol oscillators by an external oscillation. As a base of 'holonic control'. Ohsuga M, et al. **Biol Cybern** 1985;51(5):325-33

Stability of large systems. Hastings HM. **Biosystems** 1984; 17(2):171-7

Analysis of the morphology and function of primary cilia in connective tissues: a cellular cybernetic probe? Poole CA, et al. **Cell Motil** 1985;5(3):175-93

Eight new biocybernetic indexes for evaluating brain function. Preliminary clinical application. Chen BH, et al. **Chin Med J [Engl]** 1984 Apr;97(4):231-8

An intentional-action guiding algorithm in a user-programmable memory prosthesis. Colby KM, et al. **Comput Programs Biomed** 1984;18(3):165-72

Orofacial system as a biocybernetical model. Schumacher GH, et al. **Folia Morphol** 1984;43(2):65-72

Impact of a cybernetic system of feedback to physicians on inappropriate hospital use. Studnicki J, et al. **J Med Educ** 1985 Jun;60(6):454-60

The impact of a cybernetic control system on inappropriate admissions. Studnicki J, et al. **QRB** 1984 Oct;10(10):304-11

[Cybernetic preliminaries to the recording of clinical data in psychiatry] Mairlot FE. **Ann Med Psychol (Paris)** 1984 Jun;142(6):802-12 **(Fre)**

[The cybernetic approach in the prognosis of the outcome of conservative treatment of congenital hip dislocation in children] Chernova TN. **Ortop Travmatol Protez** 1985 Jun; (6):31-4 (Eng. Abstr.) **(Rus)**

[Role of medical cybernetics in the improvement of diagnosis, prognosis and choice of treatment method in pulmonological patients] Molotkov VN, et al. **Ter Arkh** 1984;56(8):67-72 (Eng. Abstr.) **(Rus)**

CYCASIN see under **AZO COMPOUNDS**

CYCLACILLIN see under **PENICILLINS**

CYCLAMATES

ANALYSIS

Spectrophotometric determination of sodium cyclamate and saccharin sodium with Astrazone pink FG. Güven KC, et al. **Analyst** 1984 Jul;109(7):969-70

CYCLANDELATE see under **MANDELIC ACIDS**

CYCLAZOCINE

[Comparisons of a new opioid agonist-antagonist 'cyclazocine' and morphine in anesthesia for patients undergoing open-heart operation] Dohi S, et al. **Masui** 1984 Jun;33(6):599-606 (Eng. Abstr.) **(Jpn)**

ANALOGS & DERIVATIVES

Kappa-opiates and urination: pharmacological evidence for an endogenous role of the kappa-opiate receptor in fluid and electrolyte balance. Huidobro-Toro JP, et al. **Eur J Pharmacol** 1984 Dec 15;107(1):1-10

Nitrous oxide generalizes to a discriminative stimulus produced by ethylketocyclazocine but not morphine. Hynes MD, et al. **Eur J Pharmacol** 1984 Oct 1; 105(1-2):155-9

(+)-[3H]SKF 10,047, (+)-[3H]ethylketocyclazocine, mu, kappa, delta and phencyclidine binding sites in guinea pig brain membranes. Tam SW. **Eur J Pharmacol** 1985 Feb 12;109(1):33-41

Synthesis, stereochemistry, and analgesic activity of 4-mono- and 4,4-disubstituted 1,2,3,4,5,6-hexahydro-2,6-methano-3-benzazocines. Ogundaini AO, et al. **J Med Chem** 1985 Feb;28(2):177-81

Agonist-antagonist actions and stereoselectivity of optical pairs of some N-substituted alpha-N-normetazocines. Aceto MD, et al. **J Pharm Sci** 1984 Dec;73(12):1864-6

[3H]Ethylketocyclazocine binding to mouse brain membranes: evidence for a kappa opioid receptor type. Garzón J, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):33-7

The occurrence of cross-tolerance between morphine and ethyl-ketocyclazocine using the tail-flick test: lack of effect of diazepam, phenobarbital, or amphetamine. Eisenberg RM. **Life Sci** 1985 Sep 9;37(10):915-22

Displacement of 3H-EKC binding by opioids in rat kidney: a correlate to diuretic activity. Slizgi GR, et al. **Life Sci** 1985 Jun 10;36(23):2189-93

Differential tolerance and cross-tolerance to chronic treatment with mu and kappa opioid agonists in the rat. Young GA, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:121-7

Ethylketocyclazocine decreases noradrenaline release and blood pressure in the rabbit at a peripheral opioid receptor. Ensinger H, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Nov; 328(1):20-3

Selected opioids and responding for intracranial reinforcement. Reid LD, et al. **Neuropeptides** 1985 Feb; 5(4-6):331-4

Binding characteristics of kappa opioids in rat brain. A comparison of in vitro binding paradigms. Weyhenmeyer JA, et al. **Neuropharmacology** 1985 Feb;24(2):111-5

Behavioural effects in rats of unilateral and bilateral injections of opiate receptor agonists into the globus pallidus. Dewar D, et al. **Neuroscience** 1985 May;15(1):41-6

Effects of ethylketocyclazocine on adrenergic transmission in the isolated perfused cat spleen. Gaddis RR, et al. **Pharmacology** 1985;30(4):205-14

Lesions of the globus pallidus and striatum attenuate ketocyclazocine-induced feeding. Gosnell BA, et al. **Physiol Behav** 1984 Sep;33(3):349-55

The effect of ovariectomy, estradiol and progesterone on opioid modulation of feeding. Morley JE, et al. **Physiol Behav** 1984 Aug;33(2):237-41

Generalization tests with intraventricularly applied pro-enkephalin B-derived peptides in rats trained to discriminate the opioid kappa receptor agonist ethylketocyclazocine. Shearman GT, et al. **Psychopharmacology (Berlin)** 1985;85(4):440-3

Antagonism of the discriminative effects of ethylketazocine, cyclazocine, and nalorphine in macaques. Young AM, et al. **Psychopharmacology (Berlin)** 1984;84(3):356-61

The interaction of eptazocine, a novel analgesic, with opioid receptors. Nabeshima T, et al. **Res Commun Chem Pathol Pharmacol** 1985 May; 48(2):173-81

Impairment of ketocyclazocine antinociception in rats by perinatal lead exposure. Kitchen I, et al. **Toxicol Lett** 1985 Aug;26(2-3):101-5

ANTAGONISTS & INHIBITORS

Antagonism of the discriminative effects of ethylketazocine, cyclazocine, and nalorphine in macaques. Young AM, et al. **Psychopharmacology (Berlin)** 1984;84(3):356-61

PHARMACODYNAMICS

Comparative effects of morphine and cyclazocine on gastrointestinal motility in conscious dogs. Fioramonti J, et al. **Arch Int Pharmacodyn Ther** 1984 Jul;270(1):141-50

Influence of morphine and cyclazocine on the cortical epileptic foci in rabbits. Massotti M, et al. **Brain Res** 1984 Sep 24;310(2):201-12

Analgesic effects of cyclazocine and morphine microinjected into the rat dorsomedial hypothalamus demonstrated by the bradykinin-induced flexor reflex test. Kawajiri S, et al. **Eur J Pharmacol** 1985 Apr 23;111(1):117-20

Cyclazocine and norepinephrine uptake, metabolism, and turnover in the rat brain. Russi GD. **J Pharm Sci** 1985 Jan;74(1):97-9

Isomers of cyclazocine as excitatory amino acid antagonists. Lodge D, et al. **Neuropeptides** 1984 Dec;5(1-3):245-8

Selective blockade of an excitatory synapse in rat cerebral cortex by the sigma opiate cyclazocine: an intracellular, in vitro study. Thomson AM, et al. **Neurosci Lett** 1985 Feb 28;54(1):21-6

Comparison of anorexia and motor disruption by cyclazocine and quipazine. Henck JW, et al. **Pharmacol Biochem Behav** 1985 May;22(5):671-6

Phencyclidine-like effect of cyclazocine on pentylentetrazol-induced seizures in laboratory animals. Sagratella S, et al. **Pharmacol Biochem Behav** 1985 Apr; 22(4):515-9

Behavioral effects of cyclazocine on rats assessed in the open field and residential maze. Looser R, et al. **Psychopharmacology (Berlin)** 1984;84(3):323-30

CYCLIC AMP see **ADENOSINE CYCLIC MONOPHOSPHATE**

CYCLIC AMP-DEPENDENT PROTEIN KINASE see **PROTEIN KINASES**

3',5'-CYCLIC AMP 5'-NUCLEOTIDOHYDROLASE see **3',5'-CYCLIC AMP PHOSPHODIESTERASE**

3',5'-CYCLIC AMP PHOSPHODIESTERASE

ANALYSIS

Dibutyryl cyclic AMP increases phosphodiesterase activity in the rat heart. Palmer WK, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1225-30

Increased cyclic AMP-phosphodiesterase activity during inflammation and its inhibition by anti-inflammatory drugs. Naik SR. **Eur J Pharmacol** 1984 Sep 17;104(3-4):253-9

ANTAGONISTS & INHIBITORS

A protein inhibitor of calmodulin-regulated cyclic nucleotide phosphodiesterase in amphibian ovaries. Jedlicki E, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):215-24

Comparison of inhibitory actions of chlorpromazine or its 7,8-dihydroxy and 7,8-dioxo-didesmethyl analogs on DA-sensitive adenylate cyclase and calmodulin activation of phosphodiesterase in rat striatum. Palmer GC, et al. **Arch Int Pharmacodyn Ther** 1985 Feb;273(2):202-11

Effect of cyclic nucleotide phosphodiesterase regulators on isolated rat uterus: with observations on their mechanism of action. Singh M, et al. **Arch Int Pharmacodyn Ther** 1985 Feb;273(2):180-95

Selective inhibition of one of the cyclic AMP phosphodiesterases from rat brain by the neurotropic compound rolipram. Nemoz G, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2997-3000

Inhibition of human platelet aggregation by dihydropyrano- and dihydrofuranocoumarins, a new class of cAMP-phosphodiesterase inhibitors. Thastrup O, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2137-40

Methylxanthine and non-xanthine phosphodiesterase inhibitors. Their effects on adenosine uptake and the low Km cyclic AMP phosphodiesterase in intact rat adipocyte. Wong EH, et al. **Biochem Pharmacol** 1985 Aug 15; 34(16):2891-6

Requirements for and kinetics of growth arrest of neoplastic cells by confluent 10T1/2 fibroblasts induced by a specific inhibitor of cyclic adenosine 3':5'-phosphodiesterase. Bertram JS, et al. **Cancer Res** 1985 May;45(5):1946-52

Inhibition of adenosine 3',5'-cyclic monophosphate phosphodiesterase by phenolic constituents of mulberry tree. Nikaido T, et al. **Chem Pharm Bull (Tokyo)** 1984 Dec; 32(12):4929-34

Inhibitors of adenosine 3',5'-cyclic monophosphate phosphodiesterase in Cassia seed. Nikaido T, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3075-8

Differential effects of two phosphodiesterase inhibitors on fat cell metabolism. Shechter Y. **Endocrinology** 1984 Nov; 115(5):1787-91

Interaction of smooth muscle relaxant drugs with calmodulin and cyclic nucleotide phosphodiesterase. Ronca-Testoni S, et al. **Experientia** 1985 Jan 15;41(1):75-6

Griseolic acid, an inhibitor of cyclic adenosine 3',5'-monophosphate phosphodiesterase. I. Taxonomy, isolation and characterization. Nakagawa F, et al. **J Antibiot (Tokyo)** 1985 Jul;38(7):824-9

Griseolic acid, an inhibitor of cyclic adenosine 3',5'-monophosphate phosphodiesterase. II. The structure of griseolic acid. Takahashi S, et al. **J Antibiot (Tokyo)** 1985 Jul;38(7):830-4

Morphological transformation of Chinese hamster cells by acylpeptides, inhibitors of cAMP phosphodiesterase, produced by Bacillus subtilis. Hosono K, et al. **J Biol Chem** 1985 Sep 15;260(20):11252-5

A new generation of phosphodiesterase inhibitors: multiple molecular forms of phosphodiesterase and the potential for drug selectivity. Weishaar RE, et al. **J Med Chem** 1985 May;28(5):537-45 (102 ref.)

Properties and characterization of low molecular weight inhibitor of calmodulin-dependent cAMP phosphodiesterase from rat liver. Rao RH, et al. **Life Sci** 1984 Nov 19;35(21):2155-64

Inhibitory effect of thyroid hormones on pituitary cyclic amp phosphodiesterase activity in vitro. Nagasaka A, et al.

Neurochem Res 1984 Jul;9(7):1011-8

Prevention of coronary platelet aggregation with a phosphodiesterase inhibitor RX-RA 69. Machleidt C, et al. **Thromb Res** 1985 Mar 1;37(5):595-604

[Pharmacologic value of cyclic nucleotide phosphodiesterase inhibitors] Nemoz G, et al. **Ann Pharm Fr** 1984;42(2):99-112 (71 ref.) (Eng. Abstr.) **(Fre)**

BIOSYNTHESIS

Stimulation of cyclic adenosine 3',5'-monophosphate formation in rabbit choroid plexus by beta-receptor agonists and vasoactive intestinal polypeptide. Lindvall M, et al. **Neurosci Lett** 1985 Mar 15;54(2-3):153-7

BLOOD

Lymphocyte and monocyte localization of altered adrenergic receptors, cAMP responses, and cAMP phosphodiesterase in atopic dermatitis. A possible mechanism for abnormal radiosensitive helper T cells in atopic dermatitis. Cooper KD, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985; 114:41-7

Cyclic AMP-phosphodiesterase activity and histamine release in cord blood leukocyte preparations. McMillan JC, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:24-32

Studies on plasma cyclic nucleotide, cyclic nucleotide phosphodiesterase, beta-thromboglobulin, and myoglobin response in patients with acute myocardial infarction. Kurokawa Y, et al. **Bull Osaka Med Sch** 1983 Oct; 29(2):85-97

Activity of cyclic AMP phosphodiesterase and methyltransferases in leukocyte membranes from allergic patients. Prigent AF, et al. **Clin Chim Acta** 1984 Nov 30; 143(3):225-33

Serum cyclic 3',5'-nucleotide phosphodiesterase in patients with various thyroid disorders. Nagasaka A, et al. **Enzyme** 1985;33(1):18-24

Activity of cyclic nucleotide phosphodiesterases in granulocytes of chronic myelogenous leukemia (CML). A preliminary report. Naskalski JW, et al. **Folia Haematol (Leipz)** 1985;112(1):134-40

Elevated umbilical cord blood leukocyte cyclic adenosine monophosphate-phosphodiesterase activity in children with atopic parents. Heskel NS, et al. **J Am Acad Dermatol** 1984 Sep;11(3):422-6

Activation of cyclic GMP-binding and cyclic AMP-specific phosphodiesterases of rat platelets by a mechanism involving cyclic AMP-dependent phosphorylation. Tremblay J, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(4):397-411

GENETICS

[Temperature-sensitive mutants of Drosophila with altered cAMP phosphodiesterase activity: has the gene for calmodulin been found?] Savvateeva EV, et al. **Dokl Akad Nauk SSSR** 1985;281(5):1233-7 **(Rus)**

ISOLATION & PURIFICATION

Inhibition of calmodulin-dependent cyclic nucleotide phosphodiesterase by flunarizine, a calcium-entry blocker. Kubo K, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):315-21

Purification of cyclic adenosine monophosphate phosphodiesterase from human platelets using new-inhibitor Sepharose chromatography. Umekawa H, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3339-44

Purification and characterization of high-affinity cyclic adenosine 5'-monophosphate phosphodiesterases from human acute myelogenous leukemic cells. Onali P, et al. **Cancer Res** 1985 Mar;45(3):1384-91

METABOLISM

Effect of chlorpromazine on the localization of cAMP phosphodiesterase. Seegers JC, et al. **Acta Neuropathol (Berl)** 1985;66(3):199-207

Effect of reductones on cyclic 3', 5'-adenosine monophosphate phosphodiesterase. Shinohara K, et al. **Acta Vitaminol Enzymol** 1985;7(1-2):99-108

Effect of ryodipine on electromechanical parameters of heart and vessels, cAMP phosphodiesterase activity and swelling-contraction cycle of mitochondria. Velena AH, et al. **Arzneimittelforschung** 1985;35(6):907-14

The effect of oncomodulin on cAMP phosphodiesterase activity. Klee CB, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):420-4

The differential stimulation of brain and heart cyclic-AMP phosphodiesterase by oncomodulin. Mutus B, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):500-6

Estradiol receptor and cyclic nucleotide phosphodiesterase: functional relationship, possible role of guanine nucleotide binding proteins. Etingof RN, et al. **Biochem Int** 1984 Aug; 9(2):229-36

Does calmodulin mediate stimulus-secretion coupling in the parotid gland? Studies using trifluoperazine. Kanagasuntheram P, et al. **Biochem Int** 1983 Oct;7(4):511-8

Evidence that the peripheral cyclic AMP phosphodiesterase of rat liver plasma membranes is a metalloenzyme. Londesborough J. **Biochem J** 1985 Jan 1;225(1):143-7

The specificity of yeast low-Km cyclic AMP phosphodiesterase towards free bivalent metal ions and the diastereoisomers of cyclic adenosine phosphorothioate. Suoranta K, et al. **Biochem J** 1985 Mar 15;226(3):897-900

The action of adenosine in relation to that of insulin on the low-Km cyclic AMP phosphodiesterase in rat adipocytes. Wong EH, et al. **Biochem J** 1985 May 1;227(3):815-21

Decreased adenosine cyclic 3',5'-monophosphate phosphodiesterase activity in rat brain following triethyltin intoxication. Macovschi O, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3603-8

Mechanism of action of 5'-methylthioadenosine in S49 cells. Riscoe MK, et al. **Biochem Pharmacol** 1984 Nov 15; 33(22):3639-43

Cell-cycle-specific activity of cyclic nucleotide phosphodiesterase in Physarum polycephalum. Kupetz IS, et al. **Cell Tissue Kinet** 1985 Mar;18(2):159-68

Regulation of mouse oocyte maturation: involvement of cyclic AMP phosphodiesterase and calmodulin. Bornslaeger EA, et al. **Dev Biol** 1984 Oct;105(2):488-99

Insulin-sensitive phosphodiesterase and insulin receptor binding in fat cells from spontaneously obese rats. Suzuki T, et al. **Diabetologia** 1985 May;28(5):286-90

Antilipolytic action of insulin: role of cAMP phosphodiesterase activation. Elks ML, et al. **Endocrinology** 1985 May;116(5):2119-21

Effect of dexamethasone on adenosine 3',5'-monophosphate content and phosphodiesterase activities in 3T3-L1 adipocytes. Elks ML, et al. **Endocrinology** 1984 Oct; 115(4):1350-6

Selective effects of phosphodiesterase inhibitors on different phosphodiesterases, adenosine 3',5'-monophosphate metabolism, and lipolysis in 3T3-L1 adipocytes. Elks ML, et al. **Endocrinology** 1984 Oct;115(4):1262-8

The antilipolytic effect of insulin does not require adenylate cyclase or phosphodiesterase action. Gabbay RA, et al. **FEBS Lett** 1985 Jan 1;179(1):7-11

The phorbol ester TPA prevents the expression of both glucagon desensitisation and the glucagon-mediated block of insulin stimulation of the peripheral plasma membrane cyclic AMP phosphodiesterase in rat hepatocytes. Heyworth CM, et al. **FEBS Lett** 1985 Aug 5;187(2):196-200

The effects of lidocaine and procainamide on the sarcolemmal membrane high affinity cyclic AMP phosphodiesterase of rat myocardium. Illiano G, et al. **Gen Pharmacol** 1985; 16(2):115-9

A longitudinal study of cyclic nucleotide phosphodiesterase activity and its relationship with nucleic acid content in the myometrium of cynomolgus monkeys (Macaca fascicularis) between days 39 and 162 of gestation. Ferre F, et al. **Gynecol Obstet Invest** 1985;19(1):42-52

Effect of cold exposure on liver and muscle cAMP content and cAMP phosphodiesterase activity. Palmer WK, et al. **J Appl Physiol** 1985 Jan;58(1):211-6

Cyclic AMP phosphodiesterase in Salmonella typhimurium: characteristics and physiological function. Botsford JL. **J Bacteriol** 1984 Nov;160(2):826-30

Direct interaction of calmodulin antagonists with Ca2+/calmodulin-dependent cyclic nucleotide phosphodiesterase. Itoh H, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1721-6

Effects of thyroid status on membrane-bound low Km cyclic nucleotide phosphodiesterase activities in rat adipocytes. Goswami A, et al. **J Biol Chem** 1985 Jan 10;260(1):82-5

Effects of thyroidectomy, insulin, and phospholipids on cyclic AMP phosphodiesterase in rat adipocyte plasma membranes. Correze C, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(2):167-78

Regulation of cyclic 3',5'-adenosine monophosphate phosphodiesterase in Friend erythroleukemia cells. Mason M, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(2):129-42

Cyclic AMP phosphodiesterase activities in growing cells of baker's yeast (Saccharomyces cerevisiae). Suoranta K. **J Cyclic Nucleotide Protein Phosphor Res** 1985;10(1):121-7

Effect of hypophysectomy on cyclic 3',5'-nucleotidemetabolizing enzymes in the rat thyroid gland. Nagasaka A, et al. **J Endocrinol** 1985 Jun; 105(3):363-9

Interaction between alpha- and beta-adrenoceptors in rat pineal adenosine cyclic 3',5'-monophosphate phosphodiesterase activation. Vacas MI, et al. **J Neural Transm** 1985;62(3-4):295-304

Effect of inflammation upon human gingival cyclic AMP metabolism. Fine AS, et al. **J Oral Pathol** 1985 Apr; 14(4):342-8

Selective inhibition of cardiac cyclic nucleotide phosphodiesterases by doxorubicin and daunorubicin. Law J, et al. **Life Sci** 1985 Feb 11;36(6):589-99

Differential regulation of bovine brain calmodulin-dependent cyclic nucleotide phosphodiesterase isoenzymes by cyclic AMP-dependent protein kinase and calmodulin-dependent phosphatase. Sharma RK, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2603-7

Age-associated changes in content of cyclic adenosine-3', 5'-monophosphate (cAMP), cyclic guanosine-3',5'-monophosphate (cGMP) and in activity of phosphodiesterase-cAM (pDE-cAM) in spleen T-lymphocytes from C3HA mice. Kostromin AP, et al. **ZFA** 1984 Nov-Dec;39(6):351-5

[Properties of cyclic nucleotide phosphodiesterase of the rabbit myometrium in various functionel states] Kurskii MD, et al. **Biokhimiia** 1984 Jul;49(7):1096-102 (Eng. Abstr.) **(Rus)**

[Multiple forms of cyclic nucleotide phosphotransferases in mouse thymocytes] Rybalkin SD, et al. **Biokhimiia** 1984 Dec;49(12):1927-33 (Eng. Abstr.) **(Rus)**

[Interaction of tertiapin, a neurotoxin from bee venom, with calmodulin] Miroshnikov AI, et al. **Bioorg Khim** 1983 Jan; 9(1):26-32 (Eng. Abstr.) **(Rus)**

[Adenosine cyclic-3',5'-monophosphate phosphodiesterase in hepatomas with different growth rates] Pavlova VM, et al. **Eksp Onkol** 1984;6(4):28-30 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

The cGMP system in irradiated animals. Changes in cGMP content and activities of guanylate cyclase and cyclic nucleotide phosphodiesterase. Sobolev AS, et al. **Acta Radiol [Oncol]** 1984;23(5):367-73

CYCLIC AMP RECEPTORS see RECEPTORS, CYCLIC AMP

CYCLIC GMP see GUANOSINE CYCLIC MONOPHOSPHATE

3',5'-CYCLIC GMP 5'-NUCLEOTIDOHYDROLASE see 3',5'-CYCLIC GMP PHOSPHODIESTERASE

3',5'-CYCLIC GMP PHOSPHODIESTERASE

ANALYSIS

The effects of endogenous and exogenous sex hormones and of maturation on cGMP phosphodiesterase activity in the brain. Karakiulakis G, et al. **Methods Find Exp Clin Pharmacol** 1984 Aug;6(8):437-43

ANTAGONISTS & INHIBITORS

Selective inhibition by NPT 15392 of lymphocyte cyclic GMP phosphodiesterase. Coffey RG, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3411-7

Correlation between inhibition of a cyclic GMP phosphodiesterase and relaxation of canine tracheal smooth muscle. Polson JB, et al. **Biochem Pharmacol** 1985 Jun 1; 34(11):1875-9

A new generation of phosphodiesterase inhibitors: multiple molecular forms of phosphodiesterase and the potential for drug selectivity. Weishaar RE, et al. **J Med Chem** 1985 May;28(5):537-45 (102 ref.)

[Pharmacologic value of cyclic nucleotide phosphodiesterase inhibitors] Nemoz G, et al. **Ann Pharm Fr** 1984;42(2):99-112 (71 ref.) (Eng. Abstr.) **(Fre)**

BLOOD

Studies on plasma cyclic nucleotide, cyclic nucleotide phosphodiesterase, beta-thromboglobulin, and myoglobin response in patients with acute myocardial infarction. Kurokawa Y, et al. **Bull Osaka Med Sch** 1983 Oct; 29(2):85-97

Serum cyclic 3',5'-nucleotide phosphodiesterase in patients with various thyroid disorders. Nagasaka A, et al. **Enzyme** 1985;33(1):18-24

Activity of cyclic nucleotide phosphodiesterases in granulocytes of chronic myelogenous leukemia (CML). A preliminary report. Naskalski JW, et al. **Folia Haematol (Leipz)** 1985;112(1):134-40

GENETICS

Genetic locus (stmF) associated with cyclic GMP phosphodiesterase activity in Dictyostelium discoideum maps in linkage group II. Coukell MB, et al. **J Bacteriol** 1985 Apr;162(1):427-9

METABOLISM

Homology between light-activated photoreceptor phosphodiesterase and hormone-activated adenylate cyclase systems. Yamazaki A, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:113-24 (62 ref.)

Effects of fluoride on retinal rod outer segment cGMP phosphodiesterase and G-protein. Cook NJ, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):146-51

Extracellular cGMP phosphodiesterase related to the rod outer segment phosphodiesterase isolated from bovine and monkey retinas. Barbehenn EK, et al. **Biochemistry** 1985 Mar 12;24(6):1309-16

Differences in the association of calmodulin with cyclic nucleotide phosphodiesterase in relaxed and contracted arterial strips. Saitoh Y, et al. **Biochemistry** 1985 Mar 26; 24(7):1613-8

Characterization of a Ca2+-calmodulin-stimulated cyclic GMP phosphodiesterase from bovine brain. Shenolikar S, et al. **Biochemistry** 1985 Jan 29;24(3):672-8

Rod outer segment phosphodiesterase binding and activation in reconstituted membranes. Tyminski PN, et al. **Biochemistry** 1984 Aug 14;23(17):3986-93

Vanadate, tungstate and molybdate activate rod outer segment phosphodiesterase in the dark. Del Priore LV, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):81-5

Cell-cycle-specific activity of cyclic nucleotide phosphodiesterase in Physarum polycephalum. Kupetz IS, et al. **Cell Tissue Kinet** 1985 Mar;18(2):159-68

Localization and function of cyclic guanosine monophosphate-phosphodiesterase activity in the retinal rods of the rat by means of a newly developed cytochemical method. Ueno S, et al. **Cell Tissue Res** 1984; 238(3):453-7

Selective effects of phosphodiesterase inhibitors on different phosphodiesterases, adenosine 3',5'-monophosphate metabolism, and lipolysis in 3T3-L1 adipocytes. Elks ML, et al. **Endocrinology** 1984 Oct;115(4):1262-8

Effect of dexamethasone on adenosine 3',5'-monophosphate content and phosphodiesterase activities in 3T3-L1 adipocytes. Elks ML, et al. **Endocrinology** 1984 Oct; 115(4):1350-6

Cyclic nucleotide specificity of the activator and catalytic sites of a cGMP-stimulated cGMP phosphodiesterase from Dictyostelium discoideum. Kesbeke F, et al. **Eur J Biochem** 1985 Aug 15;151(1):179-86

Specificity of cGMP binding to a purified cGMP-stimulated phosphodiesterase from bovine adrenal tissue. Miot F, et al. **Eur J Biochem** 1985 May 15;149(1):59-65

Light-induced activation of the rod phosphodiesterase leads to a rapid transient increase of near-infrared light scattering. Kamps KM, et al. **FEBS Lett** 1985 Aug 19; 188(1):15-20

Light-induced conformational change in rhodopsin detected by modification of G-protein binding, GTP gamma S binding and cGMP phosphodiesterase activation. Pellicone C, et al. **FEBS Lett** 1985 Feb 11;181(1):184-8

Activation of cGMP phosphodiesterase by purified green rod pigment from frog retina. Shinozawa T, et al. **FEBS Lett** 1984 Sep 17;175(1):87-9

A longitudinal study of cyclic nucleotide phosphodiesterase activity and its relationship with nucleic acid content in the myometrium of cynomolgus monkeys (Macaca fascicularis) between days 39 and 162 of gestation. Ferre F, et al. **Gynecol Obstet Invest** 1985;19(1):42-52

Effects of thyroid status on membrane-bound low Km cyclic nucleotide phosphodiesterase activities in rat adipocytes. Goswami A, et al. **J Biol Chem** 1985 Jan 10;260(1):82-5

cGMP phosphodiesterase in rod and cone outer segments of the retina. Hurwitz RL, et al. **J Biol Chem** 1985 Jan 10;260(1):568-73

Selective inhibition of cardiac cyclic nucleotide phosphodiesterases by doxorubicin and daunorubicin. Law J, et al. **Life Sci** 1985 Feb 11;36(6):589-99

Retinal S antigen identified as the 48K protein regulating light-dependent phosphodiesterase in rods. Pfister C, et al. **Science** 1985 May 17;228(4701):891-3

The effects of ionic concentration and light on the binding of enzymes to rod outer segment membranes. Knowles A, et al. **Vision Res** 1984;24(11):1533-8

[Properties of cyclic nucleotide phosphodiesterase of the rabbit myometrium in various functional states] Kurskiĭ MD, et al. **Biokhimiia** 1984 Jul;49(7):1096-102 (Eng. Abstr.) **(Rus)**

[Multiple forms of cyclic nucleotide phosphotransferases in mouse thymocytes] Rybalkin SD, et al. **Biokhimiia** 1984 Dec;49(12):1927-33 (Eng. Abstr.) **(Rus)**

[Metabolism of cGMP with K+ concentration increase in the medium causing depolarization of cortical cell membranes in normal and irradiated rats] Skopenko EV, et al. **Ukr Biokhim Zh** 1985 Mar-Apr;57(2):76-9 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

[Effect of liposomes containing antibodies to cyclic nucleotide phosphodiesterase on the receptor potential of rods and cones of the frog retina] Govardovskiĭ VI, et al. **Neirofiziologiia** 1985;17(2):245-50 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

The cGMP system in irradiated animals. Changes in cGMP content and activities of guanylate cyclase and cyclic nucleotide phosphodiesterase. Sobolev AS, et al. **Acta Radiol [Oncol]** 1984;23(5):367-73

Albumin inhibits light activation of cGMP phosphodiesterase on rod disc membranes. Buzdygon BE, et al. **J Biol Chem** 1984 Dec 10;259(23):14567-71

2',3'-CYCLIC NUCLEOTIDE PHOSPHODIESTERASES

ANALYSIS

Multiple forms of cyclic nucleotide phosphodiesterase in a murine adrenal cortex cell line (Y-1). Ryan JA, et al. **Arch Biochem Biophys** 1985 Sep;241(2):403-12

Proteolytic activation of calmodulin-dependent cyclic nucleotide phosphodiesterase. Kincaid RL, et al. **J Biol Chem** 1985 Jul 25;260(15):9009-15

Immunohistochemical localization of 2',3'-cyclic nucleotide 3'-phosphodiesterase and myelin basic protein in the central nervous system of the jimpy and the normal mouse. Mikoshiba K, et al. **J Neurochem** 1985 Mar;44(3):686-91

ANTAGONISTS & INHIBITORS

In vivo interaction of prostacyclin with an inhibitor of cyclic nucleotide phosphodiesterase, HL 725. Darius H, et al. **Br J Pharmacol** 1985 Mar;84(3):735-41

Cyclic nucleotide phosphodiesterase inhibitor, 3-isobutyl-1-methylxanthine, induces cytodifferentiation of follicular granulosa cells cultured in serum-free medium. Weinberger-Ohana P, et al. **Endocrinology** 1984 Dec; 115(6):2160-9

Modulation of the cardiac membrane-bound cyclic nucleotide phosphodiesterase: inhibition due to a contamination of TLC purified S-adenosyl-L-[methyl-3H] methionine by Zn++ ions. Dubois M, et al. **Life Sci** 1985 Jul 29;37(4):315-24

Comparative structure-activity relationships for dihydropyridines as inhibitors of [3H]-nitrendipine binding vs cyclic nucleotide phosphodiesterases. Van Inwegen RG, et al. **Res Commun Chem Pathol Pharmacol** 1984 Aug; 45(2):191-206

[Action of cyclic nucleotide phosphodiesterase inhibitors on the acetylcholine potential] Kafengauz BIu, et al. **Biull Eksp Biol Med** 1985 May;99(5):522-4 (Eng. Abstr.) **(Rus)**

[Participation of the estradiol receptor in the hormonal inhibition of cyclic nucleotide phosphodiesterase in the uterus] Garnovskaia MN, et al. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):633-7 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Induction of myelin components: cyclic AMP increases the synthesis rate of 2',3'-cyclic nucleotide 3'-phosphohydrolase in C6 glioma cells. McMorris FA, et al. **J Neurochem** 1985 Apr;44(4):1242-51

BLOOD

Membrane-bound 2',3',-cyclic nucleotide 3'-phosphohydrolase activity of lymphocytes, granulocytes and erythrocytes in multiple sclerosis. Rastogi SC, et al. **Acta Neurol Scand** 1985 Apr;71(4):303-8

[Effects of Codonopsis pilosular-Astragalus injection on the cyclic nucleotide levels and phosphodiesterase activity in platelets] Chai ZN. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):486-7 (Eng. Abstr.) **(Chi)**

ISOLATION & PURIFICATION

A regulatory protein for orthophosphate-regulated cyclic phosphodiesterase in Neurospora crassa. Shinohara Y, et al. **Biochem Biophys Res Commun** 1985 Aug 15; 130(3):1015-9

METABOLISM

Relationship between myometrial cyclic nucleotide phosphodiesterase (PDE) activity and the RNA/DNA ratio at various stages of gestation in primates. Ferre F, et al. **Acta Physiol Hung** 1985;65(4):433-41

UDPgalactose:ceramide galactosyltransferase and 2',3'-cyclic-nucleotide 3'-phosphodiesterase activities in rat brain after long-term exposure to methylmercury or triethyllead. Grundt IK, et al. **Exp Neurol** 1985 Jun; 88(3):580-9

Increased cyclic nucleotide phosphodiesterase (PDE) and calmodulin activities in soluble fraction of Graves' thyroid: analysis of increase in Ca+2 dependence of PDE activities. Yagura T, et al. **J Clin Endocrinol Metab** 1985 Jun; 60(6):1180-6

Correlation between 2',3'-cyclic nucleotide 3'-phosphohydrolase activity and demyelination in vitro using a syngeneic system. Roth GA, et al. **J Neurochem** 1985 Feb;44(2):654-7

The distribution of 2':3'-cyclic nucleotide 3'-phosphodiesterase (CNP) in the CNS of normal (+/+) and shiverer (Shi/Shi) mice. Sheedlo HJ, et al. **J Neurol Sci** 1985 Jan;67(1):35-44

Evidence on hypomyelination of central nervous system in murine muscular dystrophy. Tsuji S, et al. **J Neurol Sci** 1985 May;68(2-3):175-84

Developmental expression of 2',3'-cyclic nucleotide 3'-phosphohydrolase in dissociated fetal rat brain cultures and rat brain. Bansal R, et al. **J Neurosci Res** 1985; 14(1):21-34

An immunochemical investigation of 2':3'-cyclic nucleotide 3'-phosphodiesterase (CNP) in bovine cerebrum and human oligodendroglioma. Sheedlo HJ, et al. **J Neurosci Res** 1985;13(3):431-41

2',3'-Cyclic nucleotide 3'-phosphohydrolase in acrylamide-induced optic neuropathy in rabbit. Ohki K, et al. **Jpn J Ophthalmol** 1985;29(1):110-4

Investigations on myelinogenesis in vitro: a study of the critical period at which thyroid hormone exerts its maximum regulatory effect on the developmental expression of two myelin associated markers in cultured brain cells from embryonic mice. Shanker G, et al. **Neurochem Res** 1985 May;10(5):617-25

[Isolation and properties of 2 forms of cyclic nucleotide phosphodiesterase from the rat brain under normal conditions and after irradiation] Parkhomets TI, et al. **Ukr Biokhim Zh** 1985 May-Jun;57(3):31-5 (Eng. Abstr.) **(Rus)**

CYCLIC N-OXIDES

A spin-label study on human high density lipoprotein. Kanashiro M, et al. **J Biochem (Tokyo)** 1985 Mar; 97(3):935-45

Quantitative determination of the superoxide radicals in the xanthine oxidase reaction by measurement of the electron spin resonance signal of the superoxide radical spin adduct of 5,5-dimethyl-1-pyrroline-1-oxide. Ueno I, et al. **J Pharmacobiodyn** 1984 Aug;7(8):563-9

Magnetic resonance imaging of biological specimens by electron paramagnetic resonance of nitroxide spin labels. Berliner JL, et al. **Science** 1985 Feb 1;227(4686):517-9

[Interaction of spin-labeled methacyne analog with butyrylcholinesterase] Dorokhov KE, et al. **Biofizika** 1985 Jan-Feb;30(1):23-6 (Eng. Abstr.) **(Rus)**

[Identification of a glutamate dehydrogenase amino acid residue modified by 2,2,6,6-tetramethyl-4-oxopiperidine-1-oxyl. Study of the type of inactivation of a catalytically active enzyme oligomer in modification] Agadzhanian SA, et al. **Bioorg Khim** 1984 Sep;10(9):1171-6 (Eng. Abstr.) **(Rus)**

BLOOD

Spin-labeled erythrocyte membranes: direct identification of nitroxide-conjugated proteins. Barber MJ, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):793-8

A comparison of the spin labels MAL-3 and TEMPAMINE for measuring the internal microviscosity of human erythrocytes. Morse PD 2d. **Biochim Biophys Acta** 1985 Mar 21;844(3):337-45

Strong interactions between a spin-labeled cholesterol analog and erythrocyte proteins in the human erythrocyte membrane. Seigneuret M, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):174-82

CHEMICAL SYNTHESIS

Spin-labeled ouabain as a probe for cardiac glycoside receptor/Na, K-ATPase. Solomonson LP, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):210-6

DIAGNOSTIC USE

Diphtheria toxin induces leakage of acidic liposomes. Lai CS, et al. **Arch Biochem Biophys** 1984 Oct;234(1):1-6

Factors affecting nitroxide reduction in ascorbate solution and tissue homogenates. Couet WR, et al. **Magn Reson Imaging** 1985;3(1):83-8

Enhanced MRI of tumors utilizing a new nitroxyl spin label contrast agent. Ehman RL, et al. **Magn Reson Imaging** 1985; 3(1):89-97

Magnetic field dependence of spin-lattice relaxation enhancement using piperidinyl nitroxyl spin-labels. Lovin JD, et al. **Magn Reson Imaging** 1985;3(1):73-81

Influence of structure on the reduction of nitroxide MRI contrast-enhancing agents by ascorbate. Keana JF, et al. **Physiol Chem Phys Med NMR** 1984;16(6):477-80

METABOLISM

Effect of thiol-reactive reagents on the permeability of fish erythrocyte membrane for spin-labelled non-electrolytes. Gwoździński K. **Acta Biochim Pol** 1985;32(2):127-30

Transverse motion of spin-labeled 3,3',5-triiodo-L-thyronine in phospholipid bilayers. Lai CS, et al. **Biochem Biophys Res Commun** 1985 Aug 30; 131(1):408-12

Entrapping of the spin label tempocholine into human erythrocytes by resealing after hyposmolar stress. Comparison with haemolysis. The effects of some membrane-active substances. Lagercrantz C, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):31-8

Differences in the reduction kinetics of incorporated spin labels in undifferentiated and differentiated mouse neuroblastoma cells. Chen KY, et al. **Biochim Biophys Acta** 1985 May 30;845(2):189-95

Nicotine-induced membrane perturbation of intact human granulocytes spin-labeled with 5-doxylstearic acid. Correlation with chemotaxis. Gala D, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):503-10

Reduction of the spin-label TEMPONE by ubiquinol in the electron transport chain of intact rabbit spermatozoa. Chapman DA, et al. **Biol Reprod** 1985 May;32(4):884-93

Pharmacokinetics of nitroxide NMR contrast agents. Griffeth LK, et al. **Invest Radiol** 1984 Nov-Dec;19(6):553-62

Distribution of a fatty acid spin probe in sarcoplasmic reticulum. Evidence of membrane asymmetry. Coan C. **J Biol Chem** 1985 Jul 5;260(13):8134-44

Isolation and analysis of N-oxide metabolites of tertiary amines: quantitation of nicotine-1'-N-oxide formation in mice. Thompson JA, et al. **J Chromatogr** 1985 Jun 14; 341(2):349-59

PHARMACODYNAMICS

Pharmacokinetics and pharmacodynamics of quinidine and its metabolite, quinidine-N-oxide, in beagle dogs. Rakhit A, et al. **Eur J Drug Metab Pharmacokinet** 1984 Oct-Dec; 9(4):315-24

New orally active iron chelators [letter] Kontoghiorghes GJ. **Lancet** 1985 Apr 6;1(8432):817

Thyroid hormone concentrations in rats after chronic nicotine metabolite administration. Sepkovic DW, et al. **Proc Soc Exp Biol Med** 1984 Dec;177(3):412-6

Polyfunctional radiosensitizers. VII. Radiosensitization by conformationally-restricted isomers of a nitroxyl biradical in vitro. Millar BC, et al. **Radiat Res** 1985 Jan;101(1):111-22

[Solubilizing capacity of biomembranes in relation to organic nonelectrolytes differing in their hydrophobic properties (the spin label method)] Gendel' LIa, et al.

Izv Akad Nauk SSSR [Biol] 1984 Jul-Aug;(4):522-8 (Eng. Abstr.) **(Rus)**

TOXICITY

Nitroxyl spin label contrast enhancers for magnetic resonance imaging. Studies of acute toxicity and mutagenesis. Afzal V, et al. **Invest Radiol** 1984 Nov-Dec;19(6):549-52

CYCLIC S-OXIDES

CHEMICAL SYNTHESIS

Studies on the synthesis and anti-inflammatory activity of 2,6-di-tert-butylphenols with a heterocyclic group at the 4-position. V. Elimination reaction of the sulfinyl group of 2,3-dihydroimidazo[2,1-b]thiazole 1-oxide. Isomura Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Dec;32(12):4726-30

Inhibition of liver alcohol dehydrogenase and ethanol metabolism by 3-substituted thiolane 1-oxides. Chadha VK, et al. **J Med Chem** 1985 Jan;28(1):36-40

CYCLIZINE

Lower limb amputation and small bowel infarction following parentaral diconal abuse. Taggart DP, et al. **Br J Addict** 1985 Mar;80(1):101

TOXICITY

Morphological and immunocytochemical study of rat pancreatic beta cell changes induced by cyclizine. Hanai N. **J Appl Toxicol** 1984 Dec;4(6):308-14

CYCLOBARBITAL see under **BARBITURATES**

CYCLOBUTANES

(6-4)Photoproducts are removed from the DNA of UV-irradiated mammalian cells more efficiently than cyclobutane pyrimidine dimers. Mitchell DL, et al. **Mutat Res** 1985 Jul;143(3):109-12

ADVERSE EFFECTS

Nickel sensitivity as a complication of squaric acid dibutylester treatment of alopecia areata. Valsecchi R, et al. **Contact Dermatitis** 1985 Apr;12(4):234

PHARMACODYNAMICS

Some trends in the design of new neuromuscular blocking agents. Kharkevich DA. **Ann Ist Super Sanita** 1984; 20(1):21-6

THERAPEUTIC USE

The relationship between sensitization with squaric acid diethylester and IgE-mediated allergy [letter] Pigatto PD, et al. **Boll Ist Sieroter Milan** 1984 Jul 31;63(3):226-8

Squaric acid dibutylester treatment of alopecia areata. Valsecchi R, et al. **Clin Exp Dermatol** 1985 May;10(3):233-8

Squaric acid dibutyl ester in the treatment of alopecia areata. Barth JH, et al. **Dermatologica** 1985;170(1):40-2

[Alopecia areata and treatment with the diethylester of squaric acid. Behavior of lymphocyte subpopulations] Pigatto PD, et al. **G Ital Dermatol Venereol** 1985 May-Jun; 120(3):227-30 (Eng. Abstr.) **(Ita)**

[Squaric acid dibutyl ester in the treatment of severe alopecia areata] Miranda A, et al. **Med Cutan Iber Lat Am** 1984; 12(3):273-8 (Eng. Abstr.) **(Spa)**

CYCLOCYTIDINE see under **CYTARABINE**

CYCLOFENIL see under **CRESOLS**

CYCLOGUANIL PAMOATE see under **TRIAZINES**

CYCLOHEPTANES

BLOOD

Radioimmunoassay of bencyclane in human serum. Mohri Z, et al. **J Pharmacobiodyn** 1985 Mar;8(3):227-33

CHEMICAL SYNTHESIS

Synthesis and antitumor activity of tropolone derivatives. Yamato M, et al. **J Med Chem** 1984 Dec;27(12):1749-53

DIAGNOSTIC USE

No difference in sensitivity for occult infection between tropolone- and oxine-labeled indium-111 leukocytes. Datz FL, et al. **J Nucl Med** 1985 May;26(5):469-73

PHARMACODYNAMICS

Synthesis and antitumor activity of tropolone derivatives. 2. Yamato M, et al. **J Med Chem** 1985 Aug;28(8):1026-31

Effect of unlabeled indium oxine and indium tropolone on the function of isolated human lymphocytes. Signore A, et al. **J Nucl Med** 1985 Jun;26(6):612-5

THERAPEUTIC USE

Effects of bencyclane on concussion following head injury in mice. Ogawa N, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jan; 47(1):115-22

[Demonstration of bencyclane effects in a clinico-pharmacologic vigilance model] Herrmann WM, et al. **Z Gerontol** 1984 Sep-Oct;17(5):261-70 (Eng. Abstr.) **(Ger)**

[Effect of bencyclane on bronchodilation in bronchial asthma] Marcisz C, et al. **Pol Tyg Lek** 1984 Oct 22; 39(43):1419-21 (Eng. Abstr.) **(Pol)**

CYCLOHEXANECARBOXYLIC ACIDS

A highly active chemotactic peptide analog incorporating the unusual residue 1-aminocyclohexanecarboxylic acid at position 2. Sukumar M, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):339-44

Abscisic acid increases lipid bilayer permeability to cations as studied by phosphorus-31 NMR. Wassall SR, et al. **Biochim Biophys Acta** 1985 May 28;815(3):519-22

Aluminon: its limited application as a reagent for the detection of aluminum species. Clark RA, et al. **J Histochem Cytochem** 1985 Jul;33(7):729-32 (46 ref.)

ADVERSE EFFECTS

Two cases of death involving dicyclomine in infants. Measurement of therapeutic and toxic concentrations in blood. Garriott JC, et al. **J Toxicol Clin Toxicol** 1984; 22(5):455-62

Merbentyl syrup caution [letter] Altman PM. **Med J Aust** 1985 May 13;142(10):579-80

Merbentyl: another innocent bystander? [letter] McBride W. **Med J Aust** 1985 May 27;142(11):620

The creation of therapeutic orphans--or, what have we learnt from the Debendox fiasco? Sheffield LJ, et al. **Med J Aust** 1985 Aug 19;143(4):143-7 (50 ref.)

ANALYSIS

Analysis of 3-indolylacetic acid and abscisic acid by high-performance liquid chromatography and gas-liquid chromatography. Rodriguez A, et al. **Anal Biochem** 1985 Apr;146(1):184-90

Abscissic acid localization by light microscopic immunohistochemistry in Chenopodium polyspermum L. Effect of water stress. Sotta B, et al. **J Histochem Cytochem** 1985 Mar;33(3):201-8

BLOOD

[Microanalysis of two antifibrinolytics (epsilon-aminocaproic acid and tranexamic acid) by liquid chromatography and fluorometry] Lacroix C, et al. **J Chromatogr** 1984 Jul 13; 309(1):183-6 **(Fre)**

CHEMICAL SYNTHESIS

Medicinal chemical studies on synthetic protease inhibitors, trans-4-guanidinomethylcyclohexanecarboxylic acid aryl esters. Satoh T, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb; 33(2):647-54

Syntheses and complement inhibitory activities of 4-(2-phenyl-1H-indol-3-yl)cyclohexane-1-carboxylic acids. Bailey DM, et al. **J Med Chem** 1985 Feb;28(2):160-4

ISOLATION & PURIFICATION

Resolution of RS-abscisic acid and the separation of abscisic acid metabolites from plant tissue by high-performance liquid chromatography. Vaughan GT, et al. **J Chromatogr** 1984 Dec 7;336(1):221-8

METABOLISM

Mechanisms of enzymatic and acid-catalyzed decarboxylations of prephenate. Hermes JD, et al. **Biochemistry** 1984 Dec 4;23(25):6263-75

Incorporation of chorismic acid and 4-aminobenzoic acid into the 4-hydroxyaniline moiety of N-(gamma-L-glutamyl)-4-hydroxyaniline in Agaricus bisporus. Tsuji H, et al. **Biochim Biophys Acta** 1985 Jun 18;840(2):287-90

Pharmacokinetics and absolute bioavailability of intramuscular tranexamic acid in man. Puigdellívol E, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jun; 23(6):298-301

Interaction of chick oviduct progesterone receptor with immobilized aurintricarboxylic acid. Moudgil VK, et al. **J Steroid Biochem** 1985 Jun;22(6):747-51

Chlorocyclohexane insecticides and male medfly attractants: similar stereospecificity for neuroactivity and interactions with a housefly [35S]t-butylbicyclophosphorothionate binding site. Cohen E, et al. **Life Sci** 1985 May 13; 36(19):1837-42

Intracellular localization and some properties of the system in guinea pig liver responsible for the aromatization of cyclohexanecarboxylic acid to hippuric acid. Svardal AM, et al. **Mol Cell Biochem** 1985 Jan;65(2):107-15

[Pharmacokinetic and pharmacological studies on cetraxate, an anti-ulcer agent] Tanaka H, et al. **Nippon Yakurigaku Zasshi** 1985 May;85(5):357-66 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

Purification and characterization of an abscisic acid-inducible anionic peroxidase associated with suberization in potato (Solanum tuberosum). Espelie KE, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):539-45

Zymogen-activation kinetics. Modulatory effects of trans-4-(aminomethyl)cyclohexane-1-carboxylic acid and poly-D-lysine on plasminogen activation. Petersen LC, et al. **Biochem J** 1985 Jan 1;225(1):149-58

Differential antagonism by dicyclomine, pirenzepine and secoverine at muscarinic receptor subtypes in the rat frontal cortex. Marchi M, et al. **Eur J Pharmacol** 1985 Jan 2; 107(2):287-8

Inhibition of delayed hypersensitivity reactions by a new agent, cis-1-methyl-4-isohexylcyclohexane carboxylic acid (IG-10). Koda A, et al. **Int J Immunopharmacol** 1985; 7(1):41-9

Inhibition of human serum RNase activity by aurine tricarboxylic acid polymer: effect on the antigen-antibody reaction. Kumar A, et al. **J Appl Biochem** 1984 Feb-Apr; 6(1-2):76-9

Effect of dicyclomine on intestinal absorption, disposition and biliary excretion of dexamethasone. Ogiso T, et al. **J Pharmacobiodyn** 1985 Jan;8(1):41-9

Modulation of DNA binding of glucocorticoid receptor by aurintricarboxylic acid. Moudgil VK, et al. **J Steroid Biochem** 1985 Aug;23(2):125-32

Membrane stabilizing action of NCO-650 and its congeners. Arakawa K, et al. **Jpn J Pharmacol** 1984 Nov;36(3):311-8

[Prostaglandins in the rat gastric mucosa (10th report). Effect of beta-cyclodextrin clathrate of 2-benzyloxycarbonylphenyl trans-4-guanidinomethylcyclohexanecarboxylate hydrocholine (TA903) on mucosal prostaglandins] Arakawa T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Jul;81(7):1554-8 (Eng. Abstr.) **(Jpn)**

[Effects of 2-benzyloxycarbonylphenyl trans-4-guanidinomethylcyclohexanecarboxylate hydrochloride monohydrate (TKG01) and its clathrate compound with beta-cyclodextrin (TA903) on experimental gastric ulcers and gastric secretion in rats] Tanaka I, et al. **Nippon Yakurigaku Zasshi** 1985 Mar; 85(3):167-71 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Non-hereditary angioedema treated with tranexamic acid. A 6-month placebo controlled trial with follow-up 4 years later. Munch EP, et al. **Allergy** 1985 Feb;40(2):92-7

Monitoring of antifibrinolytic treatment in subarachnoid hemorrhage. Hossmann V, et al. **Eur Neurol** 1985; 24(3):196-204

Antifibrinolytic therapy in subarachnoid hemorrhage [letter] Jordan KG. **N Engl J Med** 1985 Jan 3;312(1):52-3

Use of an antifibrinolytic agent (tranexamic acid) and lateral sutures with laser conization of the cervix. Grundsell H, et al. **Obstet Gynecol** 1984 Oct;64(4):573-6

Blood loss following dental extractions in anticoagulated rabbits: effects of tranexamic acid and socket packing. Vinckier F, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):2-5

Lack of effect of tranexamic acid on rheumatoid arthritis. Rasmussen GG, et al. **Scand J Rheumatol** 1984;13(4):369-73

[Coagulation and fibrinolysis system in bladder tumor. 2. Effect of fibrinolytic and anti-fibrinolytic agents on BBN-induced rat bladder tumor] Nagai N. **Nippon Hinyokika Gakkai Zasshi** 1985 Jan;76(1):31-40 (Eng. Abstr.) **(Jpn)**

CYCLOHEXANES

Effects of solvent medium on solubility IV: Comparison of the hydrophilic-lipophilic character exhibited by functional groups in ethanol-water and ethanol-cyclohexane mixtures. Manzo RH, et al. **J Pharm Sci** 1984 Dec; 73(12):1869-71

ADMINISTRATION & DOSAGE

Immobilization of polar bears (Ursus maritimus Phipps) with a mixture of tiletamine hydrochloride and zolazepam hydrochloride. Haigh JC, et al. **J Wildl Dis** 1985 Jan; 21(1):43-7

ADVERSE EFFECTS

[Acute hepatitis probably due to Plethoryl (letter)] Danan G, et al. **Gastroenterol Clin Biol** 1984 Oct;8(10):770-1 **(Fre)**

ANALYSIS

Structure assignment by retention index in gas-liquid radiochromatography of substituted cyclohexenes. Buchman O, et al. **J Chromatogr** 1984 Nov 16;312:75-90

CHEMICAL SYNTHESIS

Asymmetric alpha-substituted phenethylamines. IV. The synthesis and analgesic activity of optically pure (S) and (R)-1-cyclohexyl- and 1-cyclohexenyl-2-phenylethylamines. Takahashi H, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul;32(7):2714-23

[Various aspects of the toxicology and clinical features of cyclohexanone] Sakharova LN, et al. **Gig Tr Prof Zabol** 1984 Nov;(11):47-50 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

[Ep 1 and Ep 2--2 new monoclonal antibodies against human T-lymphocytes: candidates for therapeutic use?] Becker WM, et al. **Immun Infekt** 1984 Apr;12(2):105-6 (Eng. Abstr.) (Ger)

METABOLISM

Basic and acidic hydrophilic residues involved in the interaction between protomers of the bovine growth hormone dimer. Fukushima J, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(2):151-6

Disposition of a 14C-labeled bioerodible polyorthoester and its hydrolysis products, 4-hydroxybutyrate and cis,trans-1,4-bis(hydroxymethyl)cyclohexane, in rats. Sendelbeck SL, et al. **Drug Metab Dispos** 1985 May-Jun;13(3):291-5

Cyclohexanone extraction: an improvement in the thiobarbituric acid method for the determination of nonenzymatic glycosylation of hair and epidermal keratin. Thomas DP, et al. **Scand J Clin Lab Invest** 1984 Sep;44(5):457-61

PHARMACODYNAMICS

Native and modified low-density-lipoprotein interaction with human platelets in normal and homozygous familial-hypercholesterolaemic subjects. Shmulewitz A, et al. **Biochem J** 1984 Nov 15;224(1):13-20

Effects of (1,6-di(O-carbamoyl)cyclohexanone oxime)hexane (RHC 80267) on prostaglandin biosynthesis and accumulation of diacylglycerol and arachidonic acid in rabbit iris. Yousufzai SY, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):539-44

In vitro synthesis of vitamin D-3 by cultured human keratinocytes and fibroblasts: action spectrum and effect of AY-9944. Nemanic MK, et al. **Biochim Biophys Acta** 1985 Sep 6;841(3):267-77

Inhibition of lectin-induced lymphocyte activation by 2-cyclohexene-1-one: analysis of DNA synthesis in individual cells by BUdR quenching of Hoechst 33258. Wedner HJ, et al. **Int J Immunopharmacol** 1985;7(1):25-30

Evidence for an essential arginine residue in the active site of Escherichia coli 2-keto-4-hydroxyglutarate aldolase. Modification with 1,2-cyclohexanedione. Vlahos CJ, et al. **J Biol Chem** 1985 May 10;260(9):5480-5

The role of glutathione in lymphocyte activation. I. Comparison of inhibitory effects of buthionine sulfoximine and 2-cyclohexene-1-one by nuclear size transformation. Hamilos DL, et al. **J Immunol** 1985 Oct;135(4):2740-7

TOXICITY

Toxicity of cyclohexanone oxime. I. Hematotoxicity following subacute exposure in rats. Derelanko MJ, et al. **Fundam Appl Toxicol** 1985 Feb;5(1):117-27

Toxicity of cyclohexanone oxime. II. Acute dermal and subchronic oral studies. Gad SC, et al. **Fundam Appl Toxicol** 1985 Feb;5(1):128-36

Assessment of the cataractogenic potential of cyclohexanone in guinea pigs and rabbits. Greener Y, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):1055-66

Toxicity of 1-phenylcyclohexene and its interaction with phencyclidine. Hu CY, et al. **Toxicol Appl Pharmacol** 1984 Dec;76(3):403-13

Mutagenicity in Salmonella assays of cyclohexane epoxide derivatives. Frantz SW, et al. **Toxicol Lett** 1985 Jun;25(3):265-71

CYCLOHEXANOLS

Enzymic synthesis of 5,6-dihydroxycyclohexa-1,3-diene. **Ciba Found Symp** 1985;111:71-5

[A report on experiences of 1100 anesthesias with tramadol] Heid K. **Anaesthesist** 1984 Oct;33(10):518-9 (Ger)

[The significance of tramadol as an intraoperative analgesic. A randomized double-blind study in comparison with placebo] Lehmann KA, et al. **Anaesthesist** 1985 Jan;34(1):11-9 (Eng. Abstr.) (Ger)

[Tramadol infusion anesthesia with the substitution of enflurane and various nitrous oxide concentrations] Paravicini D, et al. **Anaesthesist** 1985 Jan;34(1):20-7 (Eng. Abstr.) (Ger)

ADMINISTRATION & DOSAGE

[On-demand analgesia with tramadol in bilateral multiple rib fractures] Lehmann KA, et al. **Dtsch Med Wochenschr** 1984 Sep 21;109(38):1449-50 (Eng. Abstr.) (Ger)

BLOOD

Quantitative determination of tramadol in human serum by gas chromatography-mass spectrometry. Lintz W, et al. **J Chromatogr** 1985 May 31;341(1):65-79

METABOLISM

Evaluation of the role of free hydroxyl radicals in the cytochrome P-450-catalyzed oxidation of benzene and cyclohexanol. Gorsky LD, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):169-74

PHARMACODYNAMICS

[Choice of a central analgesic for anesthesia with spontaneous respiration] Neidhardt A, et al. **Cah Anesthesiol** 1984 Dec;32(8):637-44 (Eng. Abstr.) (Fre)

[Effect of tramadol on ventilatory CO2 response and mouth occlusion pressure] Seitz W, et al. **Anaesthesist** 1985 May;34(5):241-6 (Eng. Abstr.) (Ger)

CYCLOHEXANONES see under **CYCLOHEXANES**

CYCLOHEXIMIDE

ANALOGS & DERIVATIVES

Stages of axonal regeneration following optic nerve crush in goldfish: contrasting effects of conditioning nerve lesions and intraocular acetoxycycloheximide injections. McQuarrie IG. **Brain Res** 1985 May 6;333(2):247-53

PHARMACODYNAMICS

cDNA cloning of mRNAS which increase rapidly in human lymphocytes cultured with concanavalin-A and cycloheximide. Forsdyke DR. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):619-25

Changes in rat liver immunoreactive cathepsin D after cycloheximide. Musi M, et al. **Biochem Int** 1985 Feb;10(2):283-90

Cycloheximide blocks changes in rat liver carnitine palmitoyltransferase 1 activity in starvation. Saggerson ED, et al. **Biochem J** 1984 Nov 15;224(1):201-6

Effects of cycloheximide and tunicamycin on opiate receptor activities in neuroblastoma X glioma NG108-15 hybrid cells. Law PY, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):9-17

Decrease by cycloheximide of calcium binding and nonesterified fatty acids in rat-intestinal Golgi-enriched membrane fractions. Dasmahapatra A, et al. **Biochim Biophys Acta** 1985 Feb 28;813(1):19-24

Possible involvement of two mechanisms of signal transduction in alpha 1-adrenergic action. Selective effect of cycloheximide. Huerta-Bahena J, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):131-7

Stimulation of prostaglandin E2 production by 12-O-tetradecanoylphorbol 13-acetate (TPA)-type and non-TPA-type tumor promoters in macrophages and its inhibition by cycloheximide. Ohuchi K, et al. **Biochim Biophys Acta** 1985 Mar 27;834(1):42-7

Effects of cycloheximide on inverse regulation of phenolic and nonphenolic ring deiodinases in monkey hepatocarcinoma cells. Sorimachi K. **Biochim Biophys Acta** 1985 Jan 18;844(1):55-61

Effects of actinomycin D and cycloheximide on the increase in tyrosinase activity of hamster amelanotic melanoma cells in vitro. Słomiński A, et al. **Biosci Rep** 1984 Dec;4(12):1059-64

Rapid qualitative changes in mRNA populations in cultured human lymphocytes: comparison of the effects of cycloheximide and concanavalin A. Forsdyke DR. **Can J Biochem Cell Biol** 1984 Sep;62(9):859-64

Inhibition of bromodeoxyuridine-associated sister chromatid exchanges in Bloom's syndrome cells with cycloheximide. Shiraishi Y, et al. **Cancer Genet Cytogenet** 1985 May;17(1):43-54

Actinomycin D and cycloheximide actions on activity of some intestinal enzymes of adult hamster. Andrés MD, et al. **Comp Biochem Physiol [C]** 1985;81(2):401-4

A cycloheximide-resistant pool of receptors for asialoglycoproteins and mannose 6-phosphate residues in the Golgi complex of hepatocytes. Geuze HJ, et al. **EMBO J** 1984 Nov;3(11):2677-85

Effects of cycloheximide, alpha-amanitin, and alpha-difluoromethylornithine on thyrotropin-induced increases in the micrococcal nuclease sensitivity of thyroid nuclear chromatin. Fucile NW, et al. **Endocrinology** 1984 Nov;115(5):1705-9

Detection of primary antimitochondrial activity of drugs in cultured mammalian cells utilizing glutamine as the carbon source. Patel R, et al. **Exp Cell Biol** 1984;52(3):176-82

The effect of cycloheximide on nuclear uH2A content. Dalay N, et al. **Experientia** 1984 Dec 15;40(12):1398-9

Blocking activity of the serum from semiallogeneic chimaeras produced by means of cyclophosphamide. Nagurskaya EV, et al. **Folia Biol (Praha)** 1984;30(4):209-20

The inhibitory effect of actinomycin D and cycloheximide on the increase in activity of glucose-6-phosphate dehydrogenase and 6-phosphogluconate dehydrogenase in experimentally induced diseased skeletal muscles. Meijer AE, et al. **Histochem J** 1984 Sep;16(9):971-82

In vitro synthesis of IgE in atopic and nonatopic individuals: the effects of pokeweed mitogen, Staphylococcus aureus-derived mitogens, and cycloheximide. Levo Y, et al. **Isr J Med Sci** 1985 May;21(5):425-9

Alterations in early adenovirus transcription and mRNA abundance induced by translational inhibitors. Eggerding FA. **J Biol Chem** 1985 Jul 15;260(14):8354-9

Superinduction by cycloheximide of mitogen-induced secreted proteins produced by Balb/c 3T3 cells. Hamilton RT, et al. **J Cell Physiol** 1985 May;123(2):201-8

Inhibitors of protein synthesis also inhibit lysosomal proteolysis. Studies using cystinotic fibroblasts. Thoene JG, et al. **J Clin Invest** 1985 Feb;75(2):370-6

Enhancement of Chlamydia trachomatis infectious progeny by cultivation of HeLa 229 cells treated with DEAE-dextran and cycloheximide. Sabet SF, et al. **J Clin Microbiol** 1984 Aug;20(2):217-22

Induction of immunoglobulin gene expression in mouse fibroblasts by cycloheximide treatment. Ishihara T, et al. **J Exp Med** 1984 Dec 1;160(6):1937-42

Rapid nocturnal increase in ovine pineal N-acetyltransferase activity and melatonin synthesis: effects of cycloheximide. Namboodiri MA, et al. **J Neurochem** 1985 Sep;45(3):832-5

Blockade by anti-glucocorticoids, actinomycin D and cycloheximide of the anti-inflammatory action of some Kampohozai (Chinese traditional medicines) against serotonin. Amagaya S, et al. **J Pharmacobiodyn** 1984 Oct;7(10):707-17

Further studies of the use of cycloheximide for cultivating Mycobacterium lepraemurium in cell culture. Matsuo Y. **Microbiol Immunol** 1984;28(10):1093-8

Specific stimulation of actin gene transcription by epidermal growth factor and cycloheximide. Elder PK, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7476-80

Influence of different inhibitors on the activity of the RAD54 dependent step of DNA repair in Saccharomyces cerevisiae. Siede W, et al. **Radiat Environ Biophys** 1985;24(1):1-7

Inhibition of protein synthesis and intestinal absorptive cell ultrastructure in cycloheximide or puromycin-treated rats. Bernard A, et al. **Reprod Nutr Dev** 1985;25(2):451-64

[Effect of gamma-ray irradiation, DNA and protein synthesis inhibitors on the generation of soluble suppressor factors by mononuclear leukocytes] Shen HD, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1983 Sep;16(3):207-13 (Eng. Abstr.) (Chi)

[Intraenterocytic metabolism and blood uptake of caproic and oleic acids in control and actidione-cycloheximide-treated rats] Bernard A, et al. **Reprod Nutr Dev** 1984;24(5A):543-56 (Eng. Abstr.) (Fre)

[Effect of phosphate and inhibitors of protein synthesis on the growth and tentoxin production of Alternaria alternata (Fr.) Keissler] Edel B, et al. **J Basic Microbiol** 1985;25(3):155-60 (Eng. Abstr.) (Ger)

[Relation of the biosynthesis of intracellular and export proteins in rat liver cells during induction of proliferation by cycloheximide] Boĭkov PIa, et al. **Biokhimiia** 1984 Sep;49(9):1470-7 (Eng. Abstr.) (Rus)

[Effect of hydrophobic compounds on rRNA synthesis in intact cells and isolated nuclei] Akhlynina TV, et al. **Biol Nauki** 1985;(4):27-31 (Eng. Abstr.) (Rus)

[Blocking effect of cycloheximide on decreased mitochondrial resistance due to thyroid hormone action] Marzoev AI, et al. **Biull Eksp Biol Med** 1985 May;99(5):540-2 (Eng. Abstr.) (Rus)

[Effect of cycloheximide and actinomycin D on the phospholipid and neutral lipid content of Cunninghamella japonica] Mikhaĭlova MV, et al. **Mikrobiologiia** 1984 Sep-Oct;53(5):816-21 (Eng. Abstr.) (Rus)

[Crithidia oncopelti (Kinetoplastmonada) strains resistant to cycloheximide and chloramphenicol] Samovar AG. **Parazitologiia** 1985 May-Jun;19(3):232-7 (Eng. Abstr.) (Rus)

TOXICITY

A lethal syndrome in mice following administration of carbon tetrachloride and cycloheximide, and its prevention by heparin treatment. Parry EW. **J Comp Pathol** 1984 Oct;94(4):505-8

[Permanent changes in the liver of rats after a single administration of cyclohexamide or dexamethasone in early postnatal ontogenesis] Benešová O, et al. **Cas Lek Cesk** 1985 Feb 8;124(6):182-4 (Eng. Abstr.) (Cze)

CYCLOHEXYLAMINES

ANALYSIS

Quantitative liquid chromatographic determination of bromadoline and its N-demethylated metabolites in blood, plasma, serum, and urine samples. Peng GW, et al. **J Pharm Sci** 1985 Mar;74(3):304-7

[Determination of dicyclohexylamine nitrate in the air] Zhang XK. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 May;18(3):185-6 (Chi)

CHEMICAL SYNTHESIS

Synthesis and analgesic activity of cyclohexenylmethylamines and related compounds. Kato T, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2279-89

METABOLISM

The metabolism of 14C-cyclohexylamine in mice and two strains of rat. Roberts A, et al. **Xenobiotica** 1985 Jun;15(6):477-83

PHARMACODYNAMICS

Reversible inhibition of bacterial growth after specific inhibition of spermidine synthase by dicyclohexylamine. Mattila T, et al. **Biochem J** 1984 Nov 1;223(3):823-30

Dicyclohexylamine effects on HTC cell polyamine content and ornithine decarboxylase activity. Mitchell JL, et al. **Biochim Biophys Acta** 1985 Jul 5;840(3):309-16

Effects of dicyclohexylamine sulfate, a spermidine synthase inhibitor, in 9L rat brain tumor cells. Feuerstein BG, et al. **Cancer Res** 1985 Oct;45(10):4950-4

TOXICITY

[Subacute toxicity of an amine–curing agent for epoxy resin] Ohshima S, et al. **Sangyo Igaku** 1984 May;26(3):197–204 (Eng. Abstr.) **(Jpn)**

CYCLOLEUCINE see under **AMINO ACIDS**

CYCLOOXYGENASE see **PROSTAGLANDIN SYNTHASE**

CYCLOPARAFFINS

ANALYSIS

[Mass spectrography analysis on the components of a substance obtained from the male musk–rat] Wang SQ, et al. **Yao Hsueh Hsueh Pao** 1984 Sep;19(9):710–1 (Eng. Abstr.) **(Chi)**

PHARMACODYNAMICS

Ventilatory and analgesic effects of dezocine in humans. Gal TJ, et al. **Anesthesiology** 1984 Dec;61(6):716–22

Hemodynamic and respiratory effects of dezocine, ciramadol, and morphine. Rothbard RL, et al. **Clin Pharmacol Ther** 1985 Jul;38(1):84–8

THERAPEUTIC USE

Reassessment of verbal and visual analog ratings in analgesic studies. Littman GS, et al. **Clin Pharmacol Ther** 1985 Jul; 38(1):16–23

Dezocine for postoperative wound pain. Gravenstein JS. **Int J Clin Pharmacol Ther Toxicol** 1984 Sep;22(9):502–5

A double–blind comparison of dezocine and morphine in patients with acute renal and ureteral colic. Warren MM, et al. **J Urol** 1985 Sep;134(3):457–9

CYCLOPENTANES

CHEMICAL SYNTHESIS

Synthesis and antiviral activity of the carbocyclic analogues of (E)–5–(2–halovinyl)–2'–deoxyuridines and (E)–5–(2–halovinyl)–2'–deoxycytidines. Herdewijn P, et al. **J Med Chem** 1985 May;28(5):550–5

Synthesis and antiviral activity of 11–azapentacyclo[6.2.1.0.0.0]decane. Sacks SL, et al. **J Med Chem** 1985 Jun;28(6):819–21

The structure of certain newly synthesized non–bridged and bridged cyclopentadienyl titanium complexes and their insecticidal activity. Saxena S, et al. **Toxicology** 1985 Jun 14;35(3):241–4

[Study on asymmetrical synthesis of steroids. VII. A novel method for the synthesis of 2–alkyl–2–(3'–oxo–6'–methoxycarbonyl–)hexyl–1,3–cyclopentandione] Zhuang ZP. et al. **Yao Hsueh Hsueh Pao** 1984 Sep;19(9):676–80 (Eng. Abstr.) **(Chi)**

[The anticoagulant 2,5–diarylcyclopent–4–ene–1,3–dione] Rehse K, et al. **Arch Pharm (Weinheim)** 1984 Aug; 317(8):714–7 (Eng. Abstr.) **(Ger)**

[The anticoagulant arylalkyl–arylalkyidene–cyclopent–4–ene–1,3–diones] Rehse K, et al. **Arch Pharm (Weinheim)** 1984 Sep;317(9):781–9 (Eng. Abstr.) **(Ger)**

METABOLISM

Metabolism of the carbocyclic analogue of (E)–5–(2–iodovinyl)–2'–deoxyuridine in herpes simplex virus–infected cells. Incorporation of C–IVDU into DNA. De Clercq E, et al. **J Biol Chem** 1985 Sep 5;260(19):10621–8

PHARMACODYNAMICS

Evidence for a central site of action for the antitussive effects of caramiphen. Domino EF, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):249–53

TOXICITY

Organosilicone induced malformation of rat sperms, a histochemical study. Haider SG, et al. **Acta Histochem (Jena)** 1984;75(2):149–51

Biochemical effects and decreased body burden of cyclopentanone by extended vapour inhalation. Elovaara E, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Oct; 55(4):283–6

CYCLOPENTHIAZIDE see under **DIURETICS, THIAZIDE**

CYCLOPENTOLATE see under **PHENYLACETATES**

CYCLOPHOSPHAMIDE

Cyclophosphamide (Cytoxan). A review on relevant pharmacology and clinical uses. Ahmed AR, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1115–26 (149 ref.)

ADMINISTRATION & DOSAGE

Effect of cyclophosphamide, Trenimon, somatotropin and Nerobolil of healing of experimental cutaneo–muscular wound. Grygieńcza W, et al. **Acta Med Pol** 1983; 24(1–4):25–41

Effect of the radioprotector WR 2721 on the response of metastatic Lewis lung carcinoma colonies to alkylating agents. Wist EA. **Acta Radiol [Oncol]** 1985 May–Jun; 24(3):259–62

Optimum time sequence for the administration of cyclophosphamide and other drugs in vivo. Mattern J, et al. **Anticancer Res** 1985 Mar–Apr;5(2):173–8

High dose cisplatin compared with high dose cyclophosphamide in the management of advanced epithelial ovarian cancer [letter] **Br Med J [Clin Res]** 1985 May 4;290(6478):1351

Combination chemotherapy for mixed müllerian tumor of the Fallopian tube. Deppe G, et al. **Cancer** 1984 Oct 15; 54(8):1517–20

Treatment of advanced esthesioneuroblastoma with high–dose chemotherapy and autologous bone marrow transplantation. A case report. O'Conor GT Jr, et al. **Cancer** 1985 Jan 15;55(2):347–9

Contrasting benefits of two maintenance programs following identical induction in children with acute nonlymphocytic leukemia: a report from the Childrens Cancer Study Group. Baehner RL, et al. **Cancer Treat Rep** 1984 Oct; 68(10):1269–72

Adverse effect of cyclophosphamide at moderate dose in combination with standard drugs on intraperitoneally implanted Lewis lung carcinoma in mice. Furusawa E, et al. **Chemotherapy** 1985;31(3):216–22

Pulse therapy for SLE [editorial] Plotz PH. **Clin Exp Rheumatol** 1984 Oct–Dec;2(4):283

Pelvic irradiation plus adriamycin and cyclophosphamide in selected patients with epithelial ovarian carcinoma: a phase II study of the Northern California Oncology Group. Ballon SC, et al. **Gynecol Oncol** 1984 Nov;19(3):278–83

Extensive–stage small–cell bronchogenic carcinoma: intensive induction chemotherapy with high–dose cyclophosphamide plus high–dose etoposide. Johnson DH, et al. **J Clin Oncol** 1985 Feb;3(2):170–5

Late intensification in small–cell lung cancer: a phase I study of high doses of cyclophosphamide and etoposide with autologous bone marrow transplantation. Sculier JP, et al. **J Clin Oncol** 1985 Feb;3(2):184–91

High–dose cyclophosphamide in small–cell carcinoma of the lung. Souhami RL, et al. **J Clin Oncol** 1985 Jul;3(7):958–63

The serologic response to Meth A sarcoma vaccines after cyclophosphamide treatment is additionally increased by various adjuvants. Livingston PO, et al. **J Immunol** 1985 Aug;135(2):1505–9

Modulation of c–myb transcription in autoimmune disease by cyclophosphamide. Mountz JD, et al. **J Immunol** 1985 Oct;135(4):2417–22

Immunological concepts and the combination of cyclophosphamide with 5–aza–2'–deoxycytidine on L1210 in vivo. Zaharko DS. **J Immunopharmacol** 1985; 7(2):195–202

Chemotherapy trials in malignant pheochromocytoma: report of two patients and review of the literature. Bukowski RM, et al. **J Surg Oncol** 1984 Oct;27(2):89–92

Concomitant therapy with prednisolone and cyclophosphamide in 17 cases with IgA nephropathy. Katsumata Y, et al. **Nippon Jinzo Gakkai Shi** 1985 Mar; 27(3):295–302

Combination of long–acting microcapsules of the D–tryptophan–6 analog of luteinizing hormone–releasing hormone with chemotherapy: investigation in the rat prostate cancer model. Schally AV, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2498–502

Animal models and treatment of prostate cancer. Pollard M, et al. **Prostate** 1984;5(6):661–8

The combined use of cytosine arabinoside, cyclophosphamide, and total body irradiation as preparative regimen for bone marrow transplantation in patients with AML and CML. Messner HA, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):187–9

Pretransplant conditioning with busulfan (Myleran) and cyclophosphamide for nonmalignant diseases. Assessment of engraftment following histocompatible allogeneic bone marrow transplantation. Blazar BR, et al. **Transplantation** 1985 Jun;39(6):597–603

Efficacy of a cyclophosphamide–procarbazine–antithymocyte serum regimen for prevention of graft rejection following bone marrow transplantation for transfused patients with aplastic anemia. Smith BR, et al. **Transplantation** 1985 Jun; 39(6):671–3

High dosage cyclophosphamide and dexamethasone treatment of paraquat poisoning with 75% survival. Addo E, et al. **West Indian Med J** 1984 Dec;33(4):220–6

[A trial of hormonochemotherapy of prostate cancer] Fujita K, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1840–3 (Eng. Abstr.) **(Jpn)**

[Case of pemphigus of the oral mucosa with complete remission after treatment with corticosteroids and immunosuppressive agents] Sienkiewicz H, et al. **Otolaryngol Pol** 1984;38(2):177–9 (Eng. Abstr.) **(Pol)**

[Effect of immunosuppressive, anticoagulant and anti–inflammatory agents on experimental glomerulonephritis. V. Purinethol, leukeran, encorton and curantyl] Lewandowska T, et al. **Patol Pol** 1984 Jan–Mar; 35(1):91–103 (Eng. Abstr.) **(Pol)**

[Effect of immunosuppressive, anticoagulant and anti–inflammatory agents on experimental glomerulonephritis. VI. Encorton, immuran and cyclophosphamide] Tyszkiewicz Z, et al. **Patol Pol** 1984 Jan–Mar;35(1):105–14 (Eng. Abstr.) **(Pol)**

[Combined use of prodigiozan and methyluracil with immunosuppressive drugs in adjuvant arthritis in rats] Sibiriak SV, et al. **Antibiotiki** 1984 Nov;29(11):845–8 (Eng. Abstr.) **(Rus)**

[Changes in various biochemical indices and ultrastructure of ascites tumors after combined administration of cyclophosphamide and levorin] Oksman AIa, et al. **Eksp Onkol** 1984;6(1):57–61 (Eng. Abstr.) **(Rus)**

[Immunomodulating effect of cyclophosphane under different modes of administration to mice] Kovbasiuk SA, et al. **Tsitologiia** 1985 Mar;27(3):316–21 (Eng. Abstr.) **(Rus)**

[Importance of the cyclophosphane administration regimen for its immunomodulating and antitumor effect in experimental chemotherapy] Kovbasiuk SA. **Vopr Onkol** 1985;31(7):91–7 (Eng. Abstr.) **(Rus)**

[Lupus nephritis: treatment with intravenous pulses of methylprednisolone and cyclophosphamide (letter)] Giganti J, et al. **Medicina (B Aires)** 1984;44(2):219–20 **(Spa)**

ADVERSE EFFECTS

Transient heart block. An unreported toxicity of high dose chemotherapy with cyclophosphamide and etoposide. Sculier JP, et al. **Acta Clin Belg** 1985;40(2):112–4

Sialodacryoadenitis in the rat: effects of immunosuppression on the course of the disease. Hanna PE, et al. **Am J Vet Res** 1984 Oct;45(10):2077–83

Risk of acute nonlymphocytic leukemia and preleukemia in patients treated with cyclophosphamide for non–Hodgkin's lymphomas. Comparison with results obtained in patients treated for Hodgkin's disease and ovarian carcinoma with other alkylating agents. Pedersen–Bjergaard J, et al. **Ann Intern Med** 1985 Aug;103(2):195–200

Water intoxication following moderate–dose intravenous cyclophosphamide. Bressler RB, et al. **Arch Intern Med** 1985 Mar;145(3):548–9

Fatal Legionnaires' disease coincident with initiation of immunosuppressive therapy. Sheldon PA, et al. **Arch Intern Med** 1985 Jun;145(6):1138–9

Carcinoma of the urinary bladder in patients receiving cyclophosphamide [letter] Christophidis N. **Aust NZ J Med** 1985 Feb;15(1):87

Carcinoma of the urinary bladder in patients receiving cyclophosphamide [letter] Manoharan A. **Aust NZ J Med** 1984 Aug;14(4):507

Comparison of mesna with forced diuresis to prevent cyclophosphamide induced haemorrhagic cystitis in marrow transplantation: a prospective randomised study. Hows JM, et al. **Br J Cancer** 1984 Dec;50(6):753–6

Radiation–induced lung fibrosis after treatment of small cell carcinoma of the lung with very high–dose cyclophosphamide. Trask CW, et al. **Cancer** 1985 Jan 1; 55(1):57–60

Failure of scalp hypothermia to prevent hair loss when cyclophosphamide is added to doxorubicin and vincristine. Middleton J, et al. **Cancer Treat Rep** 1985 Apr;69(4):373–5

Acute ECG changes during cyclophosphamide infusion in a patient with bronchogenic carcinoma [letter] Shachor J, et al. **Cancer Treat Rep** 1985 Jun;69(6):734–5

Adverse effects of cyclophosphamide in idiopathic pulmonary fibrosis. Eliasson O, et al. **Conn Med** 1985 May; 49(5):286–9

Avascular necrosis of bone in neuroblastoma treated with combination chemotherapy. Ishii E, et al. **Eur J Pediatr** 1984 Dec;143(2):152–3

Open instillation of formalin for cyclophosphamide–induced hemorrhagic cystitis in a child. Garat JM, et al. **Eur Urol** 1985;11(3):192–4

Late effects of chemotherapy on hematopoietic progenitor cells. Fried W, et al. **Exp Hematol** 1985;13 Suppl 16:49–56

Cyclophosphamide–induced cleft palate: effects of single and consecutive administration. Dostál M. **Folia Morphol (Praha)** 1985;33(1):103–10

Treatment of cyclophosphamide–induced cystitis [letter] Henness AM. **J Am Vet Med Assoc** 1985 Jul 1;187(1):4–5

Cyclophosphamide–related intravascular haemolysis during continuous–flow plasma exchange. Wood L, et al. **J Clin Apheresis** 1985;2(3):250–2

Acute leukemia in rheumatoid arthritis treated with cytotoxic agents. Seidenfeld AM, et al. **J Rheumatol** 1984 Oct; 11(5):586–7

Hemorrhagic cystitis after conditioning for bone marrow transplantation and its prophylaxis. Moriyama Y, et al. **Jpn J Clin Oncol** 1984 Dec;14 Suppl 1:531–6

Urinary bladder tumors following cyclophosphamide therapy: a report of two cases with a review of the literature. Samra Y, et al. **Med Pediatr Oncol** 1985; 13(2):86–91

Parvoviral myocarditis in cyclophosphamide–treated chicks. Goryo M, et al. **Nippon Juigaku Zasshi** 1985 Jun; 47(3):527–30

Cyclophosphamide–associated hepatotoxicity. Goldberg JW, et al. **South Med J** 1985 Feb;78(2):222–3

[Urothelial cancers from Endoxan] Dumas JP, et al. **J Urol (Paris)** 1984;90(6):411–2 (Eng. Abstr.) **(Fre)**

ANALOGS & DERIVATIVES

Elimination of clonogenic Burkitt's lymphoma cells from human bone marrow using 4-hydroperoxycyclophosphamide in combination with monoclonal antibodies and complement. De Fabritiis P, et al. **Blood** 1985 May;65(5):1064–70

In vitro restoration of polyclonal hematopoiesis in a chronic myelogenous leukemia after in vitro treatment with 4-hydroperoxycyclophosphamide. Degliantoni G, et al. **Blood** 1985 Mar;65(3):753–7

Autologous bone marrow transplantation in acute leukemia: a phase I study of in vitro treatment of marrow with 4-hydroperoxycyclophosphamide to purge tumor cells. Kaizer H, et al. **Blood** 1985 Jun;65(6):1504–10

Effects of in vitro purging with 4-hydroperoxycyclophosphamide on the hematopoietic and microenvironmental elements of human bone marrow. Siena S, et al. **Blood** 1985 Mar;65(3):655–62

Ex vivo elimination of neoplastic T-cells from human marrow using an anti-Mr 41,000 protein immunotoxin: potentiation by ASTA Z 7557. Uckun FM, et al. **Blut** 1985 Jan;50(1):19–23

In vitro effects of 4-hydroperoxycyclophosphamide on concanavalin A-induced human suppressor T cells. Klajman A, et al. **Cancer Immunol Immunother** 1984; 18(2):113–7

Synergistic effect of 4-hydroperoxycyclophosphamide and etoposide on a human promyelocytic leukemia cell line (HL-60) demonstrated by computer analysis. Chang TT, et al. **Cancer Res** 1985 Jun;45(6):2434–9

Restoration of sensitivity to oxazaphosphorines by inhibitors of aldehyde dehydrogenase activity in cultured oxazaphosphorine-resistant L1210 and cross-linking agent-resistant P388 cell lines. Sladek NE, et al. **Cancer Res** 1985 Apr;45(4):1549–55

Collateral sensitivity to cross-linking agents exhibited by cultured L1210 cells resistant to oxazaphosphorines. Sladek NE, et al. **Cancer Res** 1985 Feb;45(2):625–9

Increased efficiency in selective elimination of leukemia cells by a combination of a stable derivative of cyclophosphamide and a human B-cell-specific immunotoxin containing pokeweed antiviral protein. Uckun FM, et al. **Cancer Res** 1985 Jan;45(1):69–75

High-dose ifosfamide in advanced osteosarcoma. Marti C, et al. **Cancer Treat Rep** 1985 Jan;69(1):115–7

Plasma concentrations of 4-hydroxycyclophosphamide and phosphoramide mustard in patients repeatedly given high doses of cyclophosphamide in preparation for bone marrow transplantation. Sladek NE, et al. **Cancer Treat Rep** 1984 Oct;68(10):1247–54

Ifosfamide--pharmacology, safety and therapeutic potential. Brade WP, et al. **Cancer Treat Rev** 1985 Mar;12(1):1–47 (243 ref.)

Local administration of cytostatic drug 4-hydroperoxy-cyclophosphamide (4-HPCY) facilitates cell-mediated immune reactions. Boerrigter GH, et al. **Clin Exp Immunol** 1984 Oct;58(1):161–6

Nephrotoxicity of cis-diamminedichloroplatinum with or without ifosfamide in cancer treatment. Hacke M, et al. **Clin Physiol Biochem** 1983;1(1):17–26

Sodium-2-mercaptoethanesulfonate (MESNA) and ifosfamide nephrotoxicity [letter] Hilgard P, et al. **Eur J Cancer Clin Oncol** 1984 Nov;20(11):1451–2

Effect of two cyclophosphamide derivatives on hemopoietic progenitor cells and pluripotential stem cells. Porcellini A, et al. **Exp Hematol** 1984 Dec;12(11):863–6

Human multilineage progenitor cell sensitivity to 4-hydroperoxycyclophosphamide. Rowley SD, et al. **Exp Hematol** 1985 May;13(4):295–8

Tumor-associated macrophages stimulate the proliferation of murine tumor cells surviving treatment with the oncolytic cyclophosphamide analogue Asta Z-7557: in vivo implications. Evans R, et al. **Int J Cancer** 1984 Dec 15;34(6):883–90

Rapid gas chromatographic determination of ifosfamide in biological fluids. Talha MR, et al. **J Chromatogr** 1984 Nov 9;311(1):194–8

Ifosfamide: an active drug in the treatment of adenocarcinoma of the pancreas. Loehrer PJ Sr, et al. **J Clin Oncol** 1985 Mar;3(3):367–72

Combined ex vivo treatment with immunotoxins and mafosfamid: a novel immunochemotherapeutic approach for elimination of neoplastic T cells from autologous [illegible]ow grafts. Uckun FM, et al. **J Immunol** 1985 May; [illegible]4(5):3504–15

Evidence that X-irradiation and 4-hydroperoxycyclophosphamide affects different lymphocytes that respond to specific antigen in vitro. Clark C, et al. **J Leukocyte Biol** 1985 Feb;37(2):175–91

Sequential studies of rat urinary bladder epithelial lesions induced by ifosfamide (Z4942). Okamura T, et al. **J Urol** 1985 Oct;134(4):778–81

Ifosfamide, mesna, and encephalopathy [letter] **Lancet** 1985 Jun 15;1(8442):1398–9

Ifosfamide/mesa and encephalopathy [letter] Cantwell BM, et al. **Lancet** 1985 Mar 30;1(8431):752

Encephalopathy associated with ifosphamide/mesna therapy [letter] Meanwell CA, et al. **Lancet** 1985 Feb 16; 1(8425):406–7

Ifosfamide as single-agent chemotherapy in inoperable non-small-cell lung cancer [letter] Peake MD, et al. **Lancet** 1985 Aug 31;2(8453):496–7

Chromosome abnormalities after autologous bone marrow transplantation with marrow treated by cyclophosphamide derivatives [letter] van den Akker J, et al. **Lancet** 1985 May 25;1(8439):1211–2

Effect of 4-hydroperoxycyclophosphamide on leukemic and normal human myeloid progenitor cells. Delforge A, et al. **Leuk Res** 1985;9(5):583–6

Ex vivo elimination of lymphoblastic leukemia cells from human marrow by mafosfamid. Uckun FM, et al. **Leuk Res** 1985;9(1):83–95

Ifosfamide: chemotherapy with new promise and new problems for the urologist. Watson RA. **Urology** 1984 Nov; 24(5):465–8

[Experimental bases of the in vitro treatment of leukemic bone marrow by a derivative of cyclophosphamide: ASTA Z 7557] Douay L, et al. **C R Acad Sci [III]** 1985; 301(6):303–8 (Eng. Abstr.) **(Fre)**

[Reactivation of prostatic cancer and chemotherapy in reactivated prostatic cancer] Fuse H, et al. **Hinyokika Kiyo** 1985 Feb;31(2):281–7 (Eng. Abstr.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Effects of vitamin A on cyclophosphamide mutagenicity in vitro (Ames test) and in vivo (mouse micronucleus test). Busk L, et al. **Food Chem Toxicol** 1984 Sep;22(9):725–30

The effect of penicillamine and related thiols on cyclophosphamide-induced cystitis and bone marrow suppression. Christophidis N, et al. **Int J Tissue React** 1984; 6(6):493–8

The effect of N-acetylcysteine on toxicity of cyclophosphamide and doxorubicin on murine hemopoietic progenitors. Massa G, et al. **Life Sci** 1985 Mar 25; 36(12):1141–7

D-Tryptophan-6 analog of luteinizing hormone-releasing hormone as a protective agent against testicular damage caused by cyclophosphamide in baboons. Lewis RW, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2975–9

BLOOD

Plasma cyclophosphamide assay by selective ion monitoring. Lartigue-Mattei C, et al. **J Chromatogr** 1984 Oct 12; 310(2):407–11

High-performance liquid chromatographic measurement of cyclophosphamide in serum. Hardy RW, et al. **Ther Drug Monit** 1984;6(3):313–8

DIAGNOSTIC USE

Reinduction of experimental allergic encephalomyelitis in convalescent Lewis rats with cyclophosphamide. Miyazaki C, et al. **J Neurol Sci** 1985 Mar;67(3):277–84

METABOLISM

Formation, toxicity and inactivation of acrolein during biotransformation of cyclophosphamide as studied in freshly isolated cells from rat liver and kidney. Ohno Y, et al. **Arch Toxicol** 1985 Jun;57(2):99–103

Binding of metabolites of cyclophosphamide to DNA in a rat liver microsomal system and in vivo in mice. Hemminki K. **Cancer Res** 1985 Sep;45(9):4237–43

Human lymphocytes assay: cyclophosphamide metabolic activation by S9 system with low cytotoxicity. Sbrana I, et al. **Mutat Res** 1984 Dec;130(6):411–6

Uptake and binding of tritium from [chloroethyl 3H] cyclophosphamide by rat embryos in vitro. Mirkes PE, et al. **Teratology** 1985 Jun;31(3):373–80

PHARMACODYNAMICS

Chronic immunosuppression attenuates hypertension in Okamoto spontaneously hypertensive rats. Khraibi AA, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H722–6

Intrapulmonary chemotaxins in the normal and in the cyclophosphamide-treated host. Pennington JE, et al. **Am Rev Respir Dis** 1985 Jun;131(6):845–9

Alkylating agents and mouse spermatogenesis: effects of a single dose of cyclophosphamide. Vigil P, et al. **Andrologia** 1985 May–Jun;17(3):276–82

Conditioned taste aversions and immunopharmacology. Ader R. **Ann NY Acad Sci** 1985;443:293–307

The effect of cyclophosphamide on artificial metastases formation in the lungs of Balb/c mice. Szaniawska B, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(3):337–43

Effect of staggered cyclophosphamide-immunosuppression on resistance to experimental Junin virus infection. Barrios HA, et al. **Arch Virol** 1985;83(3–4):285–94

Effect of cyclophosphamide administration on immunoprophylaxis and immunotherapy with glutaraldehyde-treated MOPC-315 syngeneic tumour cells. Ophir R, et al. **Asian Pac J Allergy Immunol** 1984 Jun; 2(1):37–42

Enhancement of cytostatic activity of macrophages against MOPC-315 tumour cells by combined cyclophosphamide administration and immunisation with glutaraldehyde-treated tumour cells. Ophir R, et al. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):175–80

Elimination of cyclophosphamide-induced SCE in lymphocytes of rats with time post-treatment. Basler A. **Basic Life Sci** 1984;29 Pt B:595–8

Modulation by a human interferon of antitumor effects of cyclophosphamide against a lymphosarcoma in hamsters. Lee SH, et al. **Biochem Pharmacol** 1984 Nov 1; 33(21):3439–43

Effects of an antimitotic agent (cyclophosphamide) on plasma lipoproteins. Loudet AM, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):2961–5

In vivo protection by protein A of hepatic microsomal mixed function oxygenase system of cyclophosphamide-treated rats. Dohadwala M, et al. **Cancer Chemother Pharmacol** 1985;14(2):135–8

Effects of hypoxia, pH, and growth stage on cell killing in Chinese hamster V79 cells in vitro by activated cyclophosphamide. Begg AC, et al. **Cancer Res** 1985 Aug; 45(8):3454–9

Comparative in vitro effects of cyclophosphamide derivatives on murine bone marrow-derived stromal and hemopoietic progenitor cell classes. de Jong JP, et al. **Cancer Res** 1985 Sep;45(9):4001–5

Superoxide dismutase levels in Chinese hamster ovary cells and ovarian carcinoma cells after hyperthermia or exposure to cycloheximide. Loven DP, et al. **Cancer Res** 1985 Jul; 45(7):3029–33

Some characteristics of the cyclophosphamide-induced immunopotentiating cells in the spleen of mice bearing a large MOPC-315 tumor. Mokyr MB, et al. **Cancer Res** 1985 Oct;45(10):4932–9

Cyclophosphamide resistance developed in a human melanoma cell line. Boon MH, et al. **Cancer Treat Rep** 1984 Oct;68(10):1239–46

Plasma concentrations of 4-hydroxycyclophosphamide and phosphoramide mustard in patients repeatedly given high doses of cyclophosphamide in preparation for bone marrow transplantation. Sladek NE, et al. **Cancer Treat Rep** 1984 Oct;68(10):1247–54

Cyclophosphamide inhibits antibody-dependent cellular cytotoxicity (ADCC) suppression exerted by lymph node cells. Palermo MS, et al. **Cell Immunol** 1985 Jul; 93(2):438–46

Cyclophosphamide-induced suppressor cells in mice: suppression of the antibody response in vitro and characterization of the effector cells. Segre M, et al. **Cell Immunol** 1985 Apr 1;91(2):443–54

Cytostatic agents and contact allergy: the efferent limb. Anderson CD, et al. **Contact Dermatitis** 1985 Jan; 12(1):24–32

Promotion of spontaneous diabetes in non-obese diabetes-prone mice by cyclophosphamide. Harada M, et al. **Diabetologia** 1984 Dec;27(6):604–6

Cyclophosphamide-induced depression of the antioxidant defense mechanisms of the lung. Patel JM, et al. **Exp Lung Res** 1985;8(2–3):153–65

Cyclophosphamide-impaired regulation of hepatic heme metabolism. Rizzardini M, et al. **Experientia** 1984 Dec 15; 40(12):1390–2

Modulation of the effects of cyclophosphamide on the lymphoid system of mice by double-stranded RNA. Sula K, et al. **Folia Biol (Praha)** 1985;31(1):59–62

Inhibition by cyclosporin A of IgE production and cyclophosphamide-induced eosinophilia in rats immunized with non-parasite antigens. Thomson AW, et al. **Immunol Lett** 1985;9(2–3):93–7

Effects of low doses of cyclophosphamide and low doses of irradiation on the regulation of induced erythrocyte autoantibodies in mice. Hutchings P, et al. **Immunology** 1985 Jan;54(1):97–104

Lipoprotein metabolism in the extravascular space. Cyclophosphamide inhibits modification of low-density lipoproteins in interstitial inflammatory fluid of the rabbit. Raymond TL, et al. **Inflammation** 1983 Sep;7(3):241–6

Natural resistance of mice pretreated with 5-(3,3'-dimethyl-1-triazeno)-imidazole-4-carboxamide (DTIC) + cyclophosphamide (Cy) against virus-induced lymphoma cells. Campanile F, et al. **Int J Immunopharmacol** 1984;6(4):251–8

Reduction in precursors of cytotoxic T lymphocytes and of cells with natural killer-like activity in spleens of cyclophosphamide-treated mice. Collavo D, et al. **Int J Immunopharmacol** 1984;6(5):529–34

Cyclophosphamide-mediated enhancement of antitumor immune potential of immunosuppressed spleen cells from mice bearing a large MOPC-315 tumor. Mokyr MB, et al. **Int J Immunopharmacol** 1985;7(1):111–22

Combined effects of cyclophosphamide and thymostimulin treatment on the in vitro natural killer and candidacidal activity of murine spleen cells. Baccarini M, et al. **Int J Tissue React** 1984;6(6):485–92

The effect of cyclophosphamide on immunological control mechanisms. Turk JL, et al. **Int J Tissue React** 1984; 6(3):205–11

Effect of Nocardia rubra cell wall skeleton and/or cyclophosphamide on leukemogenesis induced by N-ethyl-N-nitrosourea in Donryu rats. Ogiu T, et al. **J Cancer Res Clin Oncol** 1985;109(3):173–7

Modulation of autoimmunity in NZB mice by cyclophosphamide-induced, nonspecific suppressor cells. Greeley EH, et al. **J Immunol** 1985 Feb;134(2):847–51

Abrogation of anti-Pichinde virus cytotoxic T cell memory by cyclophosphamide and restoration by coinfection or interleukin 2. Walker CM, et al. **J Immunol** 1985 Aug; 135(2):1401–7

Compensation of cyclophosphamide immunosuppression by a bacterial immunostimulant (Broncho-Vaxom) in mice. Bosch A, et al. **J Immunopharmacol** 1984;6(4):323–8

Failure to promote spinal cord regeneration in rats with immunosuppressive treatment [letter] Feringa ER, et al.

J Neurol Neurosurg Psychiatry 1985 Jul;48(7):723-5

Early effects of cyclophosphamide on plasma iron and ferrokinetics in mice. Aggio MC, et al. **Medicina (B Aires)** 1984;44(2):167-70

Effect of cyclophosphamide on rats experimentally infected with Cryptococcus neoformans. Riera CM, et al. **Mycopathologia** 1984 Dec 30;88(2-3):127-30

Immune responses elicited by vaccinations with Candida albicans ribosomes in cyclophosphamide treated animals. Segal E, et al. **Mycopathologia** 1985 Feb;89(2):113-8

Effect of cis-diamminedichloroplatinum (II), cyclophosphamide and tumor age on the rate of mitochondrial and overall cellular protein synthesis in Zajdela hepatoma. Tkáčová E, et al. **Neoplasma** 1985; 32(2):177-80

Effect of cyclophosphamide on Tyzzer's disease of mice. Nakayama H, et al. **Nippon Juigaku Zasshi** 1985 Feb; 47(1):81-8

Induction of a marked eosinophilia by cyclophosphamide in Toxocara canis infected SJL mice. Sugane K, et al. **Parasite Immunol** 1985 May;7(3):255-63

Phagocyte function evaluation following exposure to test agents. McCoy JL, et al. **Prog Clin Biol Res** 1984; 161:259-63

Selective action of cyclophosphamide on T and B cell activity. Sigel MM, et al. **Prog Clin Biol Res** 1984;161:241-8

A comparison of experimental pathogenicity of Candida species in cyclophosphamide-immunodepressed mice. Bistoni F, et al. **Sabouraudia** 1984;22(5):409-18

Participation of cyclophosphamide-resistant T cells in murine lymphocytic choriomeningitis. Doherty PC, et al. **Scand J Immunol** 1985 Feb;21(2):127-32

Biochemical indices of cyclophosphamide-induced lung toxicity. Patel JM, et al. **Toxicol Appl Pharmacol** 1984 Oct; 76(1):128-38

Drug-induced tolerance to allografts in mice. VI. Tolerance induction in H-2-haplotype-identical strain combinations in mice. Mayumi H, et al. **Transplantation** 1985 Aug; 40(2):188-94

Drug-induced tolerance to allografts in mice. IV. Mechanisms and kinetics of cyclophosphamide-induced tolerance. Mayumi H, et al. **Transplantation** 1985 Feb; 39(2):209-15

Drug-induced tolerance to allografts in mice. III. Prolongation of skin graft survival by tolerance induction in congenic mice disparate in the major H-2 antigens. Shin T, et al. **Transplantation** 1985 Mar;39(3):333-5

[Pathogenicity of various species of Candida in mice immunodepressed with cyclophosphamide] Sbaraglia G, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1421-6 (Eng. Abstr.) **(Ita)**

[Comparison of human tumor clonogenic and nude mouse-isotope assays in anticancer-agent sensitivity tests] Hirabayashi N, et al. **Gan To Kagaku Ryoho** 1985 Sep; 12(9):1808-12 (Eng. Abstr.) **(Jpn)**

[Effects of cyclophosphamide on the antibody response in mice immunized with Japanese encephalitis virus vaccine] Hachimine K, et al. **Kansenshogaku Zasshi** 1985 Mar; 59(3):303-9 (Eng. Abstr.) **(Jpn)**

[Studies on the bactericidal activities of neutrophils and macrophages treated with cyclophosphamide] Kameoka Y, et al. **Kansenshogaku Zasshi** 1984 Apr;58(4):285-92 (Eng. Abstr.) **(Jpn)**

[Effect of cyclophosphamide treatment on mice infected with Japanese encephalitis virus] Ninomiya T. **Kansenshogaku Zasshi** 1985 Jan;59(1):29-40 (Eng. Abstr.) **(Jpn)**

[Study of macrophage in animals treated with immunochemotherapeutic agents] Ito Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1985 Feb 20;20(1):9-17 (Eng. Abstr.) **(Jpn)**

[Influence of culture conditions (oxygenation) on the residual virulence of Brazil-BCG and Glaxo-BCG vaccines in mice] Feitosa JG, et al. **An Microbiol (Rio De J)** 1982; 27:51-67 (Eng. Abstr.) **(Por)**

[Protein of membrane-bound liver ribosomes changing after exposure of an organism to various factors] Berdinskikh NK, et al. **Biokhimiia** 1984 Aug;49(8):1275-80 (Eng. Abstr.) **(Rus)**

[Effect of cyclophosphane, chlorbutin and degranol on protein biosynthesis in the lymphocytes of donors and chronic lympholeukemia patients in vitro] Morozova EO. **Eksp Onkol** 1985;7(1):52-5 (Eng. Abstr.) **(Rus)**

[Effect of protein metabolism inhibitors on parasympathetic innervation and cholinergic factors in the frog heart] Zhirnova AV. **Fiziol Zh SSSR** 1984 Jun;70(6):829-32 (Eng. Abstr.) **(Rus)**

[Induction of chromosome aberrations in human lymphocytes by cyclophosphamide action in vivo and in vitro] Stukalov SV, et al. **Genetika** 1985 Apr;21(4):664-9 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Treatment of advanced endometrial carcinoma with cisplatin, cyclophosphamide and doxorubicin. Deppe G, et al. **Acta Obstet Gynecol Scand** 1985;64(1):83-4

Marrow transplantation for thalassemia after treatment with busulfan and cyclophosphamide. Lucarelli G, et al. **Ann NY Acad Sci** 1985;445:428-31

The use of cyclophosphamide in the treatment of multiple sclerosis. Weiner HL, et al. **Ann NY Acad Sci** 1984; 436:373-81

Sustained remission of generalized lichen planus induced by cyclophosphamide. Paslin DA. **Arch Dermatol** 1985 Feb; 121(2):236-9

Beneficial effect of intravenous cyclophosphamide and oral prednisone on D-penicillamine-associated bronchiolitis obliterans. van de Laar MA, et al. **Arthritis Rheum** 1985 Jan;28(1):93-7

Recurrence of aplastic anemia following cyclophosphamide and syngeneic bone marrow transplantation: evidence for two mechanisms of graft failure. Appelbaum FR, et al. **Blood** 1985 Mar;65(3):553-6

Intensive cytotoxic therapy followed by autologous bone marrow transplantation for non-Hodgkin's lymphoma of high-grade malignancy. Verdonck LF, et al. **Blood** 1985 Apr;65(4):984-9

Resistance to alkylating agents and tumour differentiation in xenografts of small cell lung cancer. Berman R, et al. **Br J Cancer** 1985 May;51(5):653-8

High dose cisplatin compared with high dose cyclophosphamide in the management of advanced epithelial ovarian cancer (FIGO stages III and IV): report from the North Thames Cooperative Group. Lambert HE, et al. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):889-93

Clinical response of a patient with diffuse histiocytic lymphoma to adoptive chemoimmunotherapy using cyclophosphamide and alloactivated haploidentical lymphocytes. A case report and phase I trial. Kohler PC, et al. **Cancer** 1985 Feb 1;55(3):552-60

Adjuvant chemotherapy for medulloblastoma. McIntosh S, et al. **Cancer** 1985 Sep 15;56(6):1316-9

Leimyosarcoma of the urinary bladder. 13 years after cyclophosphamide therapy for Hodgkin's disease. Seo IS, et al. **Cancer** 1985 Apr 1;55(7):1597-603

High-dose cyclophosphamide with autologous bone marrow rescue after conventional chemotherapy in the treatment of small cell lung carcinoma. Smith IE, et al. **Cancer Chemother Pharmacol** 1985;14(2):120-4

Positive interactions between interferon and chemotherapy due to direct tumor action rather than effects on host drug-metabolizing enzymes. Balkwill FR, et al. **Cancer Res** 1984 Nov;44(11):5249-55

Potentiation of human cell-mediated and humoral immunity by low-dose cyclophosphamide. Berd D, et al. **Cancer Res** 1984 Nov;44(11):5439-43

Antitumor effects of polyribonucleotides for mouse transitional cell carcinoma enhanced by cyclophosphamide. Borden EC, et al. **Cancer Res** 1985 Jan;45(1):45-50

Effect of cyclophosphamide on Friend virus leukemogenesis in virus-sensitive and virus-resistant mice. Raikow RB, et al. **Cancer Res** 1985 Feb;45(2):555-7

Effect of thermochemotherapy (combined cyclophosphamide and hyperthermia) given at various temperatures with or without glucose administration on a murine fibrosarcoma. Urano M, et al. **Cancer Res** 1985 Sep;45(9):4162-6

Doxorubicin, dacarbazine, vincristine, and cyclophosphamide in the treatment of advanced gastrointestinal leiomyosarcoma. Choi TK, et al. **Cancer Treat Rep** 1985 Apr;69(4):443-4

Mitoxantrone and cyclophosphamide in patients with advanced breast cancer. Ehninger G, et al. **Cancer Treat Rep** 1984 Oct;68(10):1283-4

Effect of cyclophosphamide on the mitomycin-induced syndrome of thrombotic thrombocytopenic purpura [letter] Hug V, et al. **Cancer Treat Rep** 1985 May;69(5):565-6

Effect of forphenicinol, a small molecular immunomodifier, in combination with cyclophosphamide on growth of and immunity to syngeneic murine tumors. Nitta K, et al. **Cancer Treat Rep** 1985 Mar;69(3):285-91

Monthly intravenous cyclophosphamide in the treatment of severe systemic lupus erythematosus. Sessoms SL, et al. **Clin Exp Rheumatol** 1984 Jul-Sep;2(3):247-51

Response to cyclophosphamide in steroid-resistant focal segmental glomerulosclerosis: a reappraisal. Geary DF, et al. **Clin Nephrol** 1984 Sep;22(3):109-13

A randomized clinical trial of adjuvant chemotherapy after resection in patients with stomach cancer. Matsubara Y, et al. **Clin Ther** 1984;6(5):689-92

Cyclophosphamide failure in Takayasu's disease [letter] Jiménez-Alonso J, et al. **Drug Intell Clin Pharm** 1985 Jun; 19(6):477

A randomized study of single agent vs combination chemotherapy in FIGO stages IIB, III and IV ovarian adenocarcinoma. Aabo K, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):475-81

A randomised trial of cyclophosphamide pretreatment ('priming') before short-duration chemotherapy for small cell lung carcinoma. Harland S, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):61-4

Differences in chemosensitivity between subcutaneous and pulmonary tumours. Smith KA, et al. **Eur J Cancer Clin Oncol** 1985 Feb;21(2):249-56

Regeneration of erythroid progenitor cells in polycythemic mice treated with cyclophosphamide. Biljanović-Paunović L, et al. **Exp Hematol** 1985 Jan;13(1):67-73

Treatment of malignant pheochromocytoma with combination chemotherapy. Keiser HR, et al. **Hypertension** 1985 May-Jun;7(3 Pt 2):118-24

Distribution of tumor-sensitized cells during the induction of permanent tumor regression by chemoimmunotherapy: the use of glucose phosphate isomerase as a marker. Evans R, et al. **Int J Cancer** 1984 Oct 15;34(4):575-80

Clinical trials with cyclophosphamide and misonidazole combination for maintaining treatment after radiation therapy of lung carcinoma. Busutti L, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1739-43

Potentiation of cyclophosphamide cytotoxicity in vivo: a study with misonidazole and fifteen other 1-substituted 2-nitroimidazoles. Chaplin DJ, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1647-51

Phase I controlled trials of WR-2721 and cyclophosphamide. Glick JH, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep; 10(9):1777-80

Modification of tumor response to cyclophosphamide and irradiation by preirradiation of the tumor bed: prolonged growth delay but reduced curability. Ito H, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):547-53

A randomized multicenter trial of cyclophosphamide, Novantrone and 5-fluorouracil (CNF) versus cyclophosphamide, Adriamycin and 5-fluorouracil (CAF) in patients with metastatic breast cancer. Bennett JM, et al. **Invest New Drugs** 1985;3(2):179-85

Mitoxantrone combined to vincristine, cyclophosphamide and fluorouracil in advanced breast cancer. Metz R, et al. **Invest New Drugs** 1985;3(2):163-6

First-line combination chemotherapy with mitoxantrone and cyclophosphamide in advanced breast cancer. Periti P, et al. **Invest New Drugs** 1985;3(2):167-71

Augmentation of suppression in cyclophosphamide-treated rats bearing allogeneic skin implants in the anterior chamber of the eye. Grogan JB, et al. **Invest Ophthalmol Vis Sci** 1985 Sep;26(9):1230-5

Cyclophosphamide versus 5-fluorouracil, doxorubicin, and mitomycin C (FAM') in the treatment of hormone-resistant metastatic carcinoma of the prostate: a preliminary report of a randomized trial. Kasimis BS, et al. **J Clin Oncol** 1985 Mar;3(3):385-92

Functional and structural changes of the human proximal small intestine after cytotoxic therapy. Cunningham D, et al. **J Clin Pathol** 1985 Mar;38(3):265-70

Therapy of disseminated murine leukemia with cyclophosphamide and immune Lyt-1+,2- T cells. Tumor eradication does not require participation of cytotoxic T cells. Greenberg PD, et al. **J Exp Med** 1985 May 1; 161(5):1122-34

Treatment of disseminated leukemia with cyclophosphamide and immune cells: tumor immunity reflects long-term persistence of tumor-specific donor T cells. Greenberg PD, et al. **J Immunol** 1984 Dec;133(6):3401-7

Immunosuppressive treatment of multiple sclerosis. Schweitzer SF. **J Neurosurg Nurs** 1985 Aug;17(4):256-9

Mesenchymal hamartoma of the liver responsive to cyclophosphamide therapy: therapeutic approach. Alkalay AL, et al. **J Pediatr Surg** 1985 Apr;20(2):125-8

Retardation of postsurgical metastases with the use of extracted tumor-specific transplantation antigens and cyclophosphamide. Nomi S, et al. **JNCI** 1984 Oct; 73(4):943-50

Complete regression of Lewis lung carcinoma by cyclophosphamide in combination with immunomodulators. Abe S, et al. **Jpn J Cancer Res** 1985 Jul;76(7):626-30

Host-mediated inhibition of rat bladder cancer growth by cyclophosphamide and purine salvage pathway-related enzyme activity of lymphocytes. Iwaguchi T, et al. **Jpn J Exp Med** 1984 Oct;54(5):201-6

Combination therapy of murine tumors with a degraded D-manno-D-glucan (DMG) from Microellobosporia grisea, and cyclophosphamide. Nakajima H, et al. **Jpn J Exp Med** 1983 Dec;53(6):263-9

Results of a controlled drug trial in membranoproliferative glomerulonephritis. Cattran DC, et al. **Kidney Int** 1985 Feb; 27(2):436-41

Tamoxifen and contralateral breast cancer [letter] Cuzick J, et al. **Lancet** 1985 Aug 3;2(8449):282

Marrow transplantation for thalassaemia following busulphan and cyclophosphamide. Lucarelli G, et al. **Lancet** 1985 Jun 15;1(8442):1355-7

Busulfan versus cyclophosphamide treatment in the early and late stages of granulocytic leukemia in guinea pigs. Evans WH, et al. **Leuk Res** 1984;8(6):1037-42

Basal lamina at the site of spinal cord injury in normal, immunotolerant and immunosuppressed rats. Feringa ER, et al. **Neurosci Lett** 1985 Mar 15;54(2-3):225-30

Long-term complete autologous reconstitution following cyclophosphamide and allogeneic marrow infusion in a case of severe aplastic anemia. Bussel A, et al. **Nouv Rev Fr Hematol** 1985;27(1):15-8

Cyclophosphamide plus 5-FU versus 5-FU alone in advanced gastric carcinoma. Chlebowski RT, et al. **Oncology** 1985;42(3):141-3

Adult-onset nephrotic syndrome with minimal changes: response to corticosteroids and cyclophosphamide. Nolasco F, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:588-93

In vivo influence of three B-lactam antibiotics on the intestinal microflora of man. A preliminary study in gnotobiotic mice. Léonard FC, et al. **Prog Clin Biol Res** 1985;181:279-82

Tumor regression in tumor-bearing mice by inoculations of immunogenic somatic hybrid cells in combination with cyclophosphamide. Tachibana T, et al. **Tokai J Exp Clin Med** 1983 Dec;8(5-6):455-63

Infiltration of liver and brain by tumor cells in leukemic mice:

prevention by dimethyltriazenes and cyclophosphamide. Sava G, et al. **Tumori** 1984 Dec 31;70(6):477-83

The syndrome of insulin resistance, acanthosis nigricans and an autoimmune disorder in diabetes mellitus treated with immunosuppressants. Richards R, et al. **West Indian Med J** 1984 Sep;33(3):195-7

[Effect of cyclophosphamide in experimental pyelonephritis in mice] Slavcheva E, et al. **Eksp Med Morfol** 1984; 23(4):186-95 (Eng. Abstr.) **(Bul)**

[Modification of selected leukocyte functions in albino rats caused by the transplantable Jensen sarcoma and by therapeutic trials of cyclophosphamide and vinblastine, Clostridium butyricum M55 and short-term hyperglycemia] Hambsch K, et al. **Arch Geschwulstforsch** 1984;54(5):369-76 (Eng. Abstr.) **(Ger)**

[Intracavitary chemotherapy of S 180 ascites sarcoma in mice with 4-(S-ethanol)-sulfido-cyclophosphamide in combination with protector thiols] Voelcker G, et al. **Arzneimittelforsch** 1984;34(10):1291-8 (Eng. Abstr.) **(Ger)**

[Long-term observations of Wegener's disease. Results of treating recurrences] Bohn T, et al. **Dtsch Med Wochenschr** 1985 Apr 19;110(16):642-4 (Eng. Abstr.) **(Ger)**

[Combined chemotherapy and radiotherapy: cyclophosphamide] Schulz U, et al. **Strahlentherapie** 1985 May;161(5):316-9 (62 ref.) (Eng. Abstr.) **(Ger)**

[Prevention of tumor formation in the bladder by sodium-2-mercaptoethane sulfonate (mesna). Experimental studies and clinical consequences] Schmähl D, et al. **Urologe [Ausg A]** 1984 Sep;23(5):291-6 (Eng. Abstr.) **(Ger)**

[Effect of cyclophosphamide on immunological responses in patients with breast cancer relating to BRM (biological response modifiers)] Kimura M, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):549-53 (Eng. Abstr.) **(Jpn)**

[Evaluation of adjuvant Endoxan therapy in curative resected patients with stomach cancer] Tsuda H, et al. **Nippon Gan Chiryo Gakkai Shi** 1985 Feb 20;20(1):114-21 (Eng. Abstr.) **(Jpn)**

[Analysis of results of monochemotherapy of ovarian cancer with special reference to long-term survival] Sablińska B, et al. **Nowotwory** 1984 Jul-Sep;34(3):229-35 (Eng. Abstr.) **(Pol)**

[Effect of cyclophosphamide on the ganglioside content and profile in metastasizing and nonmetastasizing mammary carcinoma in mice] Novikov AM, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):76-8 (Eng. Abstr.) **(Rus)**

[Immunomodulating effect of cyclophosphamide in experimental chemotherapy of transplanted tumors] Kovbasiuk SA, et al. **Eksp Onkol** 1985;7(2):67-70 (Eng. Abstr.) **(Rus)**

[Changes in the content and composition of gangliosides of tumors as affected by chemotherapeutic agents] Kozlov AM, et al. **Eksp Onkol** 1984;6(5):62-6 (Eng. Abstr.) **(Rus)**

[Effect high-altitude conditions on the antitumor activity of cyclophosphane and its action on lymphoid tissue cells] Kulish OP. **Eksp Onkol** 1985;7(3):60-3 (Eng. Abstr.) **(Rus)**

[Effect of the combined use of BCG, PPD, a protein-containing preparation from allogenic tissue and cyclophosphamide in the development of methylcholanthrene-induced tumors] Volegov AI. **Eksp Onkol** 1984;6(2):63-5 (Eng. Abstr.) **(Rus)**

[Morphological criteria for predicting the effectiveness of treatment of glomerulonephritis with glucocorticoids and cytostatics] Taran EI, et al. **Vrach Delo** 1985 Mar;(3):64-8 (Eng. Abstr.) **(Rus)**

[Hormonal treatment of disseminated cancer of the prostate: results and survival obtained in a series of 60 patients] Izquierdo Font AJ, et al. **Actas Urol Esp** 1985 May-Jun; 9(3):231-6 (Eng. Abstr.) **(Spa)**

[Cyclophosphamide treatment of parotid swelling in Sjögren syndrome (letter)] Aliaga L, et al. **Med Clin (Barc)** 1984 Jun 30;83(5):222-3 **(Spa)**

[Primary corticosteroid-resistant nephrotic syndrome in pediatrics] Tuya CO, et al. **Medicina (B Aires)** 1984; 44(1):1-7 (Eng. Abstr.) **(Spa)**

TOXICITY

Forelimb malformation in rats caused by cyclophosphamide. Jeyaseelan N, et al. **Acta Orthop Scand** 1984 Dec; 55(6):643-6

Effects of acute or chronic polychlorinated biphenyl ingestion on maternal metabolic homeostasis and on the manifestations of embryotoxicity caused by cyclophosphamide in mice. Welsch F. **Arch Toxicol** 1985 Jun;57(2):104-13

Influence of sulfur-containing compounds on the acute toxicity of cyclophosphamide in male Sprague-Dawley rats. Habs M, et al. **Arzneimittelforsch** 1984;34(7):792-3

Cyclophosphamide in the male rat: behavioral effects in the adult offspring. Auroux M, et al. **Behav Brain Res** 1985 Jul;16(1):25-36

Effects of the induction of hepatic microsomal metabolism on the toxicity of cyclophosphamide. Gurtoo HL, et al. **Br J Cancer** 1985 Jan;51(1):67-75

Rescue of rats from large dose cyclophosphamide toxicity using protein A. Ray PK, et al. **Cancer Chemother Pharmacol** 1985;14(1):59-62

Prevention of cyclophosphamide-induced urotoxicity by reduced glutathione and its effect on acute toxicity and antitumor activity of the alkylating agent. Tofanetti O, et al. **Cancer Chemother Pharmacol** 1985;14(3):188-93

Leech salivary gland extract from Haementeria officinalis, a potent inhibitor of cyclophosphamide- and radiation-induced artificial metastasis enhancement. Gasic GJ, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5670-6

Role of aldehyde dehydrogenase in cyclophosphamide-resistant L1210 leukemia. Hilton J. **Cancer Res** 1984 Nov;44(11):5156-60

In vivo modulation of myelopoiesis and immune functions by maleic anhydride divinyl ether copolymer (MVE-2) in tumor-free and MBL-2 tumor-bearing mice treated with cyclophosphamide. Schlick E, et al. **Cancer Res** 1985 Mar; 45(3):1108-14

Immunohistochemical study of keratin in proliferative bladder epithelium induced by freezing, cyclophosphamide or N-[4-(5-nitro-2-furyl)-2-thiazolyl]formamide in the rat. Hasegawa R, et al. **Carcinogenesis** 1985 Mar;6(3):409-14

Persistence of cyclophosphamide-induced damage in bone marrow as indicated by sister chromatid exchange analysis. Takeshita T, et al. **Carcinogenesis** 1985 Aug;6(8):1097-102

Pulmonary toxicity of cyclophosphamide: a 1-year study. Morse CC, et al. **Exp Mol Pathol** 1985 Apr;42(2):251-60

Lymphocytic recovery after experimental suppression of haemopoiesis in the rat. Berger J. **Folia Haematol (Leipz)** 1984;111(5):599-603

Splenic granulopoietic morphology in laboratory rats after experimental induction of marrow hypoplasia. Berger J. **Folia Haematol (Leipz)** 1984;111(5):604-9

Teratogenic interactions of consecutively administered cortisone and cyclophosphamide. Dostál M. **Folia Morphol (Praha)** 1985;33(2):201-8

Effect of lead, polychlorinated biphenyls, and cyclophosphamide on rat natural killer cells, interleukin 2, and antibody synthesis. Exon JH, et al. **Fundam Appl Toxicol** 1985 Feb;5(1):158-64

Dose-dependent toxicity and reduction deformity of hind limbs in CF rat fetuses—an experimental study. Jeyaseelan N, et al. **Indian J Exp Biol** 1984 Mar;22(3):135-40

Histological study of eye malformations induced by cyclophosphamide in rat foetuses. Singh S, et al. **Indian J Med Res** 1984 May;79:684-90

Bronchial hyperreactivity occurs in steroid-treated guinea pigs depleted of leukocytes by cyclophosphamide. Murlas C, et al. **J Appl Physiol** 1985 May;58(5):1630-7

Experimental induction of cranioschisis aperta and exencephaly after neural tube closure. A rat model. Padmanabhan R. **J Neurol Sci** 1984 Nov-Dec; 66(2-3):235-43

Experimental cytoxan cystitis and prevention by acetylcysteine. Chaviano AH, et al. **J Urol** 1985 Sep; 134(3):598-600

Dose-independence of early, cyclophosphamide-induced lung damage in mice. Depledge MH. **Jpn J Exp Med** 1984 Dec;54(6):235-9

Concomitant observations of UDS in the liver and micronuclei in the bone marrow of rats exposed to cyclophosphamide or 2-acetylaminofluorene. Ashby J, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):383-92

Mutagenic activities of cyclophosphamide (NSC-26271) and its main metabolites in Salmonella typhimurium, human peripheral lymphocytes and Chinese hamster ovary cells. Winckler K, et al. **Mutat Res** 1984 Oct;129(1):47-55

Paternal cyclophosphamide treatment of rats causes fetal loss and malformations without affecting male fertility. Trasler JM, et al. **Nature** 1985 Jul 11-17;316(6024):144-6

Effect of cyclophosphamide on oocyte and follicle number in Sprague-Dawley rats, C57BL/6N and DBA/2N mice. Shiromizu K, et al. **Pediatr Pharmacol (New York)** 1984; 4(4):213-21

Conditioned taste aversions: generalization to taste mixtures. Smith DV, et al. **Physiol Behav** 1984 Jun;32(6):983-9

Immunotoxic effects of diethylstilbestrol (DES) and cadmium chloride (CAD) on host resistance: comparison with cyclophosphamide (CPS). Morahan PS, et al. **Prog Clin Biol Res** 1984;161:403-6

The embryotoxicity of cyclophosphamide in rabbits during the histiotrophic phase of nutrition. Claussen U, et al. **Teratogenesis Carcinog Mutagen** 1985;5(2):89-100

Cyclophosphamide teratogenesis: a review. Mirkes PE. **Teratogenesis Carcinog Mutagen** 1985;5(2):75-88 (82 ref.)

A model system for measuring comparative toxicities of cardiotoxic drugs for cultured rat heart myocytes, endothelial cells and fibroblasts. II. Doxorubicin, 5-fluorouracil and cyclophosphamide. Wenzel DG, et al. **Toxicology** 1984 Nov;33(2):117-28

Comparison of histologic and flow cytometric evaluation of cyclophosphamide-induced testicular damage. Goldberg SD, et al. **Urology** 1984 Nov;24(5):472-5

[Increased body resistance to the toxic action of cyclophosphane through the use of short-term hypoxic hypoxia] Strelkov RB. **Eksp Onkol** 1985;7(1):64-5 (Eng. Abstr.) **(Rus)**

[Dependence of the embryotoxic action of dioxidine and cyclophosphamide on the immunoreactivity of the maternal-fetal system in mice] Torchinskii AM, et al. **Farmakol Toksikol** 1985 Jan-Feb;48(1):69-73 (Eng. Abstr.) **(Rus)**

[Modified effect of the induction of the mixed function oxidase system on the cytogenetic action of cyclophosphamide] Zhurkov VS, et al. **Vestn Akad Med Nauk SSSR** 1985;(1):54-8 (Eng. Abstr.) **(Rus)**

[Effect of cyclophosphane on lipid peroxidation] Oleinik AV. **Vopr Onkol** 1985;31(7):97-101 (Eng. Abstr.) **(Rus)**

CYCLOPLEGICS see **MYDRIATICS**

CYCLOPROPANES

Carbapenems: a new class of antibiotics. **Am J Med** 1985 Jun 7;78(6A):1-167

Use of cyclopropane to test generality of anesthetic requirement in the elderly. Munson ES, et al. **Anesth Analg** 1984 Nov;63(11):998-1000

Effects of replacement of a double bond by a cyclopropane ring in phosphatidylethanolamines: a 2H NMR study of phase transitions and molecular organization. Perly B, et al. **Biochemistry** 1985 Feb 12;24(4):1055-63

Lack of tolerance to cyclopropane and cross-tolerance to halothane in rats. Munson ES. **Can Anaesth Soc J** 1984 Nov;31(6):642-5

ADMINISTRATION & DOSAGE

Imipenem/cilastatin in the treatment of obstetric and gynecologic infections. Berkeley AS, et al. **Am J Med** 1985 Jun 7;78(6A):79-84

Safety and efficacy of imipenem/cilastatin in treatment of complicated urinary tract infections. Cox CE, et al. **Am J Med** 1985 Jun 7;78(6A):92-4

Efficacy of imipenem/cilastatin in endocarditis. Dickinson G, et al. **Am J Med** 1985 Jun 7;78(6A):117-21

Imipenem/cilastatin therapy of bacteremia. Eron LJ. **Am J Med** 1985 Jun 7;78(6A):95-9

Treatment of skin and soft tissue infections with imipenem/cilastatin. Fass RJ, et al. **Am J Med** 1985 Jun 7;78(6A):110-2

Imipenem/cilastatin: general experience in a community hospital. Iannini PB, et al. **Am J Med** 1985 Jun 7; 78(6A):122-6

Imipenem/cilastatin in the treatment of osteomyelitis. MacGregor RR, et al. **Am J Med** 1985 Jun 7;78(6A):100-3

Role of imipenem/cilastatin in the treatment of soft tissue infections. Marier RL. **Am J Med** 1985 Jun 7;78(6A):140-4

Pneumonia treated with imipenem/cilastatin. Salata RA, et al. **Am J Med** 1985 Jun 7;78(6A):104-9

Randomized trial of imipenem/cilastatin versus gentamicin and clindamycin in mixed flora infections. Solomkin JS, et al. **Am J Med** 1985 Jun 7;78(6A):85-91

Therapy of mixed anaerobic-aerobic infections. Lessons from studies of intra-abdominal sepsis. Tally FP, et al. **Am J Med** 1985 Jun 7;78(6A):145-53 (28 ref.)

Safety and efficacy of high-dose treatment with imipenem-cilastatin in seriously ill patients. Zajac BA, et al. **Antimicrob Agents Chemother** 1985 May;27(5):745-8

Treatment of staphylococcal pyelonephritis in rats with N-formimidoyl thienamycin. Guze PA, et al. **Chemioterapia** 1984 Feb;3(1):53-6

ADVERSE EFFECTS

Review of adverse experiences and tolerability in the first 2,516 patients treated with imipenem/cilastatin. Calandra GB, et al. **Am J Med** 1985 Jun 7;78(6A):73-8

Protection of rats by clofibrate against the hypoglycaemic and toxic effects of hypoglycin and pent-4-enoate. An ultrastructural and biochemical study. Van Hoof F, et al. **Biochem J** 1985 Jul 15;229(2):387-97

ANALYSIS

Diphenylcyclopropenone: examination for potential contaminants, mechanisms of sensitization, and photochemical stability. Wilkerson MG, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):802-7

BLOOD

Disposition of radiolabeled imipenem and cilastatin in normal human volunteers. Norrby SR, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):707-14

METABOLISM

Multiple-dose study of imipenem/cilastatin in patients with end-stage renal disease undergoing long-term hemodialysis. Berman SJ, et al. **Am J Med** 1985 Jun 7; 78(6A):113-6

Pharmacokinetic profile of imipenem/cilastatin in normal volunteers. Drusano GL, et al. **Am J Med** 1985 Jun 7; 78(6A):47-53

Imipenem/cilastatin: pharmacokinetic profile in renal insufficiency. Gibson TP, et al. **Am J Med** 1985 Jun 7; 78(6A):54-61

Multiple-dose pharmacokinetics of imipenem-cilastatin. Drusano GL, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):715-21

Pharmacokinetics of imipenem-cilastatin in neonates. Freij BJ, et al. **Antimicrob Agents Chemother** 1985 Apr; 27(4):431-5

Single-dose pharmacokinetics of imipenem-cilastatin in neonates. Gruber WC, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):511-4

Pharmacokinetics of imipenem and cilastatin in patients with cystic fibrosis. Reed MD, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):583-8

The pharmacokinetics of imipenem (thienamycin-formamidine) and the renal dehydropeptidase inhibitor cilastatin sodium in normal subjects and patients with renal failure. Verpooten GA, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):183-93

The plasma pharmacokinetics of high dose (1 g) imipenem coadministered with 1 g cilastatin in six normal volunteers. Drusano GL, et al. **Eur J Clin Microbiol** 1984 Oct;3(5):468-70

Renal clearance of imipenem in children. Jacobs RF, et al. **Eur J Clin Microbiol** 1984 Oct;3(5):471-4

PHARMACODYNAMICS

Carbapenems, a new class of beta-lactam antibiotics. Discovery and development of imipenem/cilastatin. Birnbaum J, et al. **Am J Med** 1985 Jun 7;78(6A):3-21

Impact of imipenem/cilastatin therapy on normal fecal flora. Wexler HM, et al. **Am J Med** 1985 Jun 7;78(6A):41-6

The biological activity of cyclopropyl analogs of all-trans- and 13-cis-retinoic acid in the rat vaginal smear assay. Curley RW Jr, et al. **Arch Biochem Biophys** 1985 May 1;238(2):484-9

Mechanism of inactivation of monoamine oxidase by 1-phenylcyclopropylamine. Silverman RB, et al. **Biochemistry** 1985 Apr 23;24(9):2128-38

Capillary gas chromatographic/mass spectrometric analysis of abnormal metabolites in hypoglycin-treated rat urine. Hine DG, et al. **Biomed Mass Spectrom** 1984 Jul;11(7):332-9

Epinephrine accumulation in rat brain after chronic administration of pargyline and LY 51641--comparison with other brain amines. Mefford IN, et al. **Brain Res** 1985 Jul 29;339(2):342-5

Safety and tolerability of multiple doses of imipenem/cilastatin. Drusano GL, et al. **Clin Pharmacol Ther** 1985 May;37(5):539-43

Imipenem/cilastatin. Barza M. **Eur J Clin Microbiol** 1984 Oct;3(5):453-5

[Antiandrogen activity of 4 beta, 5-cyclopropane-5-beta-androstan -3-ones and their 19-acetoxy derivatives] Stárka L, et al. **Cesk Farm** 1984 Oct;33(8):336-9 (Eng. Abstr.) (Cze)

THERAPEUTIC USE

Treatment of alopecia areata with diphenylcyclopropenone [letter] Kietzmann H, et al. **Acta Derm Venereol (Stockh)** 1985;65(3):274-5

Imipenem/cilastatin therapy of serious infections: a U.S. multicenter noncomparative trial. Calandra GB, et al. **Clin Ther** 1985;7(2):225-38

A multiclinic randomized study of the comparative efficacy, safety and tolerance of imipenem/cilastatin and moxalactam. Calandra GB, et al. **Eur J Clin Microbiol** 1984 Oct;3(5):478-87

Impact of imipenem/cilastatin therapy on faecal flora. Nord CE, et al. **Eur J Clin Microbiol** 1984 Oct;3(5):475-7

Treatment of pneumonia with imipenem/cilastatin. Beasley CR, et al. **NZ Med J** 1985 Jun 26;98(781):494-7

Early clinical experience with imipenem-cilistatin. Ellis-Pegler RB, et al. **NZ Med J** 1985 Mar 27;98(775):188-91

Successful treatment of gram-negative bacillary meningitis with imipenem/cilastatin. Rodriguez K, et al. **South Med J** 1985 Jun;78(6):731-2

[Therapy of alopecia areata with diphenylcyclopropenone] Kietzmann H, et al. **Hautarzt** 1985 Jun;36(6):331-5 (Eng. Abstr.) (Ger)

[Regression of plantar warts following treatment with diphencyprone] Wiesner-Menzel L, et al. **Z Hautkr** 1984 Aug 15;59(16):1080-3 (Eng. Abstr.) (Ger)

TOXICITY

Jamaican vomiting sickness: a study of two adult cases. Golden KD, et al. **Clin Chim Acta** 1984 Oct 15;142(3):293-8

URINE

Effect of imipenem-cilastatin and ciprofloxacin on tests for glycosuria. Tartaglione TA, et al. **Am J Hosp Pharm** 1985 Mar;42(3):602-5

CYCLORPHAN see under **MORPHINANS**

CYCLOSERINE

ISOLATION & PURIFICATION

Isolation of L-cycloserine from Erwinia uredovora. Shoji J, et al. **J Antibiot (Tokyo)** 1984 Oct;37(10):1198-203

METABOLISM

Kinetic mechanism of the interaction of D-cycloserine with serine hydroxymethyltransferase. Manohar R, et al. **Biochemistry** 1984 Aug 28;23(18):4116-22

PHARMACODYNAMICS

Comparative inhibition of bacterial and microsomal 3-ketodihydrosphingosine synthetases by L-cycloserine and other inhibitors. Sundaram KS, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):211-3

Activity of cycloserine and structurally related compounds against M. leprae-infected mice [letter] Gelber RH. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4):536-8

Inhibition of cerebroside synthesis in the brains of mice treated with L-cycloserine. Sundaram KS, et al. **J Lipid Res** 1985 Apr;26(4):473-7

Activity of the combination of fludalanine and cycloserine against mycobacteria in vitro. Dickinson JM, et al. **Tubercle** 1985 Jun;66(2):109-15

CYCLOSPORIN A see **CYCLOSPORINS**

CYCLOSPORINS

Cyclosporine: immunology, toxicity and pharmacology in experimental animals. Thomson AW, et al. **Agents Actions** 1984 Oct;15(3-4):306-27 (187 ref.)

Organ transplantation with special emphasis on Cyclosporin A. Calne RY. **Jpn J Surg** 1984 Nov;14(6):435-43

[Cyclosporin A] Thiele HG. **Immun Infekt** 1984 Jun;12(3):157-62 (75 ref.) (Ger)

ADMINISTRATION & DOSAGE

Liver transplantation with cyclosporine and low-dose corticosteroids. Williams JW, et al. **Am Surg** 1985 Mar;51(3):155-7

Cardiac transplantation: realities in 1985 [editorial] Bolman RM 3d. **Ann Thorac Surg** 1985 Apr;39(4):301-2

Inhibition of contact sensitivity reactions to DNFB by topical cyclosporin application in the guinea-pig. Aldridge RD, et al. **Clin Exp Immunol** 1985 Jan;59(1):23-8

Dosage of Cyclosporin A in children with renal transplants. Hoyer PF, et al. **Clin Nephrol** 1984 Aug;22(2):68-71

Alternate day cyclosporin and azathioprine plus steroids [letter] Calne RY, et al. **Lancet** 1985 Jun 22;1(8443):1448

Changing route of cyclosporin administration: need for close monitoring [letter] Glerum JH, et al. **Lancet** 1985 Jun 22;1(8443):1447-8

Interstitial fibrosis in renal allografts after 12 to 46 months of cyclosporin treatment: beneficial effect of low doses in early post-transplantation period. Klintmalm G, et al. **Lancet** 1984 Oct 27;2(8409):950-4

Conversion from cyclosporine to prednisolone and azathioprine. Safe or unsafe? Adu D, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:998-1001

Metabolic effects of conversion from cyclosporine to azathioprine in renal transplant recipients. Harris KP, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:1010-4

The use of cyclosporine only in cadaveric renal transplant recipients: conversion to prednisolone and azathioprine after four months. Tegzess AM, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:992-7

Cyclosporine in living related and cadaveric renal transplantation. Albrechtsen D, et al. **Transplant Proc** 1984 Oct;16(5):1191-4

Stability of renal allograft recipients after conversion from cyclosporine to azathioprine. Carpenter CB, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):261-5

Optimal cyclosporine plasma levels decline with time of therapy. Klintmalm G, et al. **Transplant Proc** 1984 Oct;16(5):1208-11

The effect of cyclosporine of renal function in newly diagnosed diabetics. Stiller CR, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):202-8

Cyclosporine alone or in combination with prednisone in cadaveric renal transplantation. Thiel G, et al. **Transplant Proc** 1984 Oct;16(5):1187-90

Withdrawal of cyclosporine treatment one year after renal transplantation. Birkeland SA. **Transplantation** 1985 Jun;39(6):677-8

Composite tissue (limb) allografts in rats. II. Indefinite survival using low-dose cyclosporine. Black KS, et al. **Transplantation** 1985 Apr;39(4):365-8

Treatment of human acute graft-versus-host disease with antithymocyte globulin and cyclosporine with or without methylprednisolone. Deeg HJ, et al. **Transplantation** 1985 Aug;40(2):162-6

Measurements of reticuloendothelial system phagocytic activity in the rat after treatment with silica, liposomes, and cyclosporine. Merion RM. **Transplantation** 1985 Jul;40(1):86-90

The effect of food on cyclosporine absorption. Ptachcinski RJ, et al. **Transplantation** 1985 Aug;40(2):174-6

Conversion from cyclosporine to azathioprine in renal allograft recipients. Rocher LL, et al. **Transplantation** 1984 Dec;38(6):669-74

Biopsy-directed immunosuppression following hepatic transplantation in man. Williams JW, et al. **Transplantation** 1985 Jun;39(6):589-96

Prolongation of allograft survival by repeated cycles of donor antigen and cyclosporine in rat kidney transplantation. Yasumura T, et al. **Transplantation** 1984 Oct;38(4):418-23

Impact of the timing of antigen administration on synergistic immunosuppression with cyclosporine. Yoshimura N, et al. **Transplantation** 1985 Jul;40(1):108-10

[One year experience with cyclosporin A in clinical heart transplantation] Frøysaker T, et al. **Tidsskr Nor Laegeforen** 1985 Mar 10;105(7):485-8 (Eng. Abstr.) (Nor)

ADVERSE EFFECTS

Cyclosporine in renal transplantation with hirsutism [letter] Bennett WM, et al. **Am J Kidney Dis** 1985 Mar;5(3):214

Posttransplant risks of cyclosporine: Nephrotoxicity. Luke RG, et al. **Am J Kidney Dis** 1985 Jun;5(6):342-3

Anaphylactic reaction and cardiopulmonary arrest following intravenous cyclosporine. Friedman LS, et al. **Am J Med** 1985 Feb;78(2):343-5

Side effects of systemic cyclosporine in patients not undergoing transplantation. Palestine AG, et al. **Am J Med** 1984 Oct;77(4):652-6

Cyclosporine-associated renal arteriopathy resulting in loss of allograft function. Sommer BG, et al. **Am J Surg** 1985 Jun;149(6):756-64

Cyclosporine and prostaglandins [letter] Adu D, et al. **Ann Intern Med** 1985 Aug;103(2):303

Cyclosporine: renal effects and prostacyclin [letter] Duarte R. **Ann Intern Med** 1985 Mar;102(3):420

Cyclosporine and renal prostaglandin E2 production [letter] Stahl RA, et al. **Ann Intern Med** 1985 Sep;103(3):474

Cyclosporin-associated mania [letter] Wamboldt FW, et al. **Biol Psychiatry** 1984 Jul;19(7):1161-2

Gingival hyperplasia associated with cyclosporin A. A report of two cases. Adams D, et al. **Br Dent J** 1984 Aug 11;157(3):89-90

Gingival hyperplasia induced by cyclosporin-A. Tyldesley WR, et al. **Br Dent J** 1984 Nov 10;157(9):305-9

Incidence of hypertension after marrow transplantation among 112 patients randomized to either cyclosporine or methotrexate as graft-versus-host disease prophylaxis. Loughran TP Jr, et al. **Br J Haematol** 1985 Mar;59(3):547-53

Convulsions associated with cyclosporin A in renal transplant recipients. Beaman M, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):139-40

Convulsions associated with cyclosporin A in renal transplant recipients [letter] Gross ML, et al. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):555

Convulsions associated with cyclosporin A [letter] O'Sullivan DP. **Br Med J [Clin Res]** 1985 Mar 16;290(6471):858

Convulsions associated with cyclosporin A in transplant recipients [letter] Polson RJ, et al. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):1003

Generalised epileptic fits in renal transplant recipients given cyclosporin A. Shah D, et al. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1347-8

Multifocal aggressive lymphoma of the gastrointestinal tract in a renal transplant patient treated with cyclosporin A and prednisone. Castro CJ, et al. **Cancer** 1985 Apr 15;55(8):1665-7

Long-term hemodynamic follow-up of cardiac transplant patients treated with cyclosporine and prednisone. Greenberg ML, et al. **Circulation** 1985 Mar;71(3):487-94

Anaphylactoid reactions associated with parenteral cyclosporine use: possible role of Cremophor EL. Howrie DL, et al. **Drug Intell Clin Pharm** 1985 Jun;19(6):425-7

Accidental massive IV administration of cyclosporine in man. Wallemacq PE, et al. **Drug Intell Clin Pharm** 1985 Jan;19(1):29-30

Glomerular thrombi in renal allografts associated with cyclosporin treatment. Neild GH, et al. **J Clin Pathol** 1985 Mar;38(3):253-8

Cyclosporine therapy. Its significance to the periodontist. Daley TD, et al. **J Periodontol** 1984 Dec;55(12):708-12

Cyclosporin and antituberculous therapy [letter] **Lancet** 1985 Jun 8;1(8441):1342-3

Cyclosporin and leucocyte procoagulant activity [letter] **Lancet** 1985 Jun 15;1(8442):1396-7

Venous thrombosis and cyclosporin [letter] **Lancet** 1985 Jul 13;2(8446):101-2

Thromboembolic complications in cyclosporin-treated kidney allograft recipients [letter] **Lancet** 1985 Sep 14;2(8455):606-7

Hypomagnesaemia and cyclosporin toxicity [letter] **Lancet** 1985 Jan 12;1(8420):103-5

Anaphylactic reaction to intravenous cyclosporin [letter] **Lancet** 1985 Mar 16;1(8429):636-7

Cyclosporin and magnesium [letter] Allen RD, et al. **Lancet** 1985 Jun 1;1(8440):1283-4

Serum Tamm-Horsfall protein (THP) concentration in cyclosporin treated renal transplant recipients [letter] Avis PJ, et al. **Lancet** 1985 Jul 20;2(8447):154

Severe central-nervous-system toxicity associated with cyclosporin [letter] Berden JH, et al. **Lancet** 1985 Jan 26;1(8422):219-20

Cyclosporin-induced haemolytic uraemic syndrome in liver allograft recipient [letter] Bonser RS, et al. **Lancet** 1984 Dec 8;2(8415):1337

Reversibility of cyclosporin nephrotoxicity after three months' treatment. Chapman JR, et al. **Lancet** 1985 Jan 19;1(8421):128-30

Interstitial fibrosis in renal allografts in patients treated with cyclosporin [letter] Farnsworth A, et al. **Lancet** 1984 Dec 22;2(8417-18):1470-1

Deterioration of severe Graves' ophthalmopathy during cyclosporin treatment [letter] Howlett TA, et al. **Lancet** 1984 Nov 10;2(8411):1101

Distinguishing between renal allograft rejection and cyclosporin nephrotoxicity [letter] Hrushesky WJ.

Lancet 1985 Aug 31;2(8453):501

Aluminium overload, a predisposing condition for epileptic seizures in renal-transplant patients treated with cyclosporin? [letter] Nordal KP, et al. **Lancet** 1985 Jul 20; 2(8447):153-4

Disturbance of blood-brain barrier after bone-marrow transplantation [letter] Sloane JP, et al. **Lancet** 1985 Aug 3;2(8449):280-1

Differentiation between allograft rejection and cyclosporin nephrotoxicity in renal-transplant recipients. Taube DH, et al. **Lancet** 1985 Jul 27;2(8448):171-4

Association between cyclosporin neurotoxicity and hypomagnesaemia. Thompson CB, et al. **Lancet** 1984 Nov 17;2(8412):1116-20

Skin cancer in renal transplant patients treated with cyclosporin [letter] Thompson JF, et al. **Lancet** 1985 Jan 19;1(8421):158-9

Gout and hyperuricaemia in patients on cyclosporin and diuretics [letter] Tiller DJ, et al. **Lancet** 1985 Feb 23; 1(8426):453

Thromboembolic complications and haemostatic changes in cyclosporin-treated cadaveric kidney allograft recipients. Vanrenterghem Y, et al. **Lancet** 1985 May 4; 1(8436):999-1002

Cyclosporin-associated fatal convulsions [letter] Velu T, et al. **Lancet** 1985 Jan 26;1(8422):219

Cyclosporin A-altered renal tubular cells in urinary cytology [letter] Winkelmann M, et al. **Lancet** 1985 Sep 21; 2(8456):667

Cyclosporin A and Pneumocystis pneumonia [letter] Markus MB. **Med J Aust** 1985 Jul 22;143(2):91

Nephrotoxicity of cyclosporine [letter] **N Engl J Med** 1985 Jan 3;312(1):48-50

Anaphylactic reaction to intravenous cyclosporine [letter] Chapuis B, et al. **N Engl J Med** 1985 May 9;312(19):1259

Serum potassium concentrations in cyclosporine- and azathioprine-treated renal transplant patients. Foley RJ, et al. **Nephron** 1985;40(3):280-5

Chronic irreversible nephrotoxicity from cyclosporin A. Rao KV, et al. **Nephron** 1985;41(1):75-7

Renin-angiotensin-aldosterone system in cyclosporin A-treated renal allograft recipients [letter] Stanek B, et al. **Nephron** 1985;41(1):124

Experience with cyclosporin/prednisolone therapy in kidney transplantation, with special reference to nephrotoxicity, ATN and kidney preservation. Pichlmayr R, et al. **Neth J Med** 1985;28(6):268-71

Development of ovarian carcinoma in a cyclosporin A immunosuppressed patient. Maung R, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):89S-92S

Does cyclosporine inhibit renal prostaglandin synthesis? Adu D, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:969-72

Cyclosporine-associated lymphoproliferation, despite controlled cyclosporine blood concentrations, in a renal allograft recipient. Dossetor JB, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:1021-6

Cyclosporine nephropathy after heart and heart-lung transplantation. Goldstein J, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:973-81

Rejection and nephrotoxicity. Diagnostic problems with cyclosporine in renal transplantation. Pichlmayr R, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:947-60

Failure of canine islet allografts and autografts with cyclosporine. Merrell RC, et al. **Surgery** 1985 Aug; 98(2):324-9

De novo hemolytic uremic syndrome in renal transplant recipients immunosuppressed with cyclosporine. Van Buren D, et al. **Surgery** 1985 Jul;98(1):54-62

Proceedings of an International Symposium on Cyclosporine-Associated Renal Injury. March 11-13, 1985, San Juan, Puerto Rico. **Transplant Proc** 1985 Aug;17(4 Suppl 1):1-309

Spinal cord and cerebellar-like syndromes associated with the use of cyclosporine in human recipients of allogeneic marrow transplants. Atkinson K, et al. **Transplant Proc** 1985 Apr;17(2):1673-5

Cyclosporine nephrotoxicity and the consequences of conversion to azathioprine. Chapman JR, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):254-60

Urinary exfoliative cytology in kidney allografts under cyclosporine therapy. Cortesini R, et al. **Transplant Proc** 1984 Oct;16(5):1200-1

The case against conversion to azathioprine in cyclosporine-treated renal recipients. Flechner SM, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):276-81

A comparison of serologically defined viral infection rates (cytomegalovirus, herpes simplex, and herpes virus varicellae) posttransplant in patients on azathioprine and cyclosporine. Harris KR, et al. **Transplant Proc** 1984 Oct; 16(5):1311-2

Pathogenetic mechanisms of nephrotoxicity: insights into cyclosporine nephrotoxicity. Humes HD, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):51-62 (78 ref.)

Nephrotoxicity of cyclosporine in liver transplantation. Iwatsuki S, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):191-5

Clinical summation. An algorithm for the management of patients with cyclosporine-induced renal dysfunction. Kahan BD. **Transplant Proc** 1985 Aug;17(4 Suppl 1):303-8

Cyclosporine nephrotoxicity: exploration of the risk factors and prognosis of the renal injury. Keown PA, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):247-53

Cyclosporine, azathioprine, and prednisone as treatment for cyclosporine-induced nephrotoxicity in renal transplant recipients. Lorber MI, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):282-5

Morphological patterns in cyclosporine-treated renal transplant recipients. Mihatsch MJ, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):101-16

Cyclosporine-induced chronic nephropathy in human recipients of cardiac allografts. Moran M, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):185-90

Cyclosporine-induced nephrotoxicity in patients with autoimmune uveitis. Palestine AG, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):209-14

Reflections on use of the renal biopsy as the 'gold standard' in distinguishing transplant rejection from cyclosporine nephrotoxicity. Solez K, et al. **Transplant Proc** 1985 Aug; 17(4 Suppl 1):123-33 (57 ref.)

A comparison of the clinical, histopathologic, cytologic, and biochemical features of renal transplant rejection, cyclosporine A nephrotoxicity, and stable renal function. Taube D, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):179-84

Is cyclosporine A-induced nephrotoxicity in recipients of renal allografts progressive? Thiel G, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):169-78

Renal function in patients with autoimmune diseases treated with cyclosporine. von Graffenried B, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):215-31

Histopathology of cyclosporine. Wallace AC. **Transplant Proc** 1985 Aug;17(4 Suppl 1):117-22

Cyclosporine as the main immunosuppressant in clinical heart transplantation: correlation of hepatotoxicity and nephrotoxicity. Welz A, et al. **Transplant Proc** 1984 Oct; 16(5):1212-3

Cyclosporine-associated renal dysfunction in marrow transplant recipients. Yee GC, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):196-201

Immunoblastic lymphoma in a cyclosporine-treated renal transplant recipient. Bia MJ, et al. **Transplantation** 1985 Jun;39(6):673-5

Profound hypomagnesemia and renal magnesium wasting associated with the use of cyclosporine for marrow transplantation. June CH, et al. **Transplantation** 1985 Jun; 39(6):620-4

Reversal of cyclosporine-induced mortality with a synthetic polymeric immunostimulant in a murine model of fecal peritonitis. Moffat FL, et al. **Transplantation** 1985 Apr; 39(4):369-74

Adult respiratory distress syndrome and convulsions associated with administration of cyclosporine in liver transplant recipients. Powell-Jackson PR, et al. **Transplantation** 1984 Oct;38(4):341-3

Cyclosporine-associated central nervous system toxicity after renal transplantation. Wilczek H, et al. **Transplantation** 1985 Jan;39(1):110

Tubular proteinuria during treatment with cyclosporin A—a case report. Svenson KL, et al. **Ups J Med Sci** 1985; 90(1):43-8

[Herpes simplex infection after kidney transplantation under immunosuppression by cyclosporin. Diagnostic and therapeutic experiences] Dalhoff K, et al. **Dtsch Med Wochenschr** 1985 Aug 23;110(34):1279-83 (Eng. Abstr.) **(Ger)**

[Severe hemolysis during immunosuppressive therapy with cyclosporin A following kidney transplantation (letter)] Kirste G, et al. **Dtsch Med Wochenschr** 1985 Apr 19; 110(16):655-6 **(Ger)**

[Drug-induced lesions of the liver in a combination of cyclosporin A and a contraceptive (letter)] Leimenstoll G, et al. **Dtsch Med Wochenschr** 1984 Dec 21; 109(51-52):1989-90 **(Ger)**

[Hypertrichosis caused by Cyclosporin A] Bencini PL, et al. **G Ital Dermatol Venereol** 1984 Sep-Oct;119(5):337-9 (Eng. Abstr.) **(Ita)**

[Clinical renal transplantation: exfoliative urinary cytology in the evaluation of nephrotoxicity induced by cyclosporin therapy] Stella F, et al. **Quad Sclavo Diagn** 1984 Sep; 20(3):295-303 (Eng. Abstr.) **(Ita)**

ANALYSIS

High performance liquid chromatographic determination of cyclosporin A in body fluids. Takada K, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jun; 48(3):369-80

Cyclosporine quality control program is a reality [editorial] Pippenger CE. **Ther Drug Monit** 1985;7(2):129

ANTAGONISTS & INHIBITORS

The antagonistic effect of rifampin upon cyclosporine bioavailability. Van Buren D, et al. **Transplant Proc** 1984 Dec;16(6):1642-5

Effect of interleukin 2 on the immunosuppressive action of cyclosporine. Hess AD. **Transplantation** 1985 Jan; 39(1):62-8

BLOOD

Cyclosporin A serum and blood levels in marrow graft recipients: correlation with administered dose, serum creatinine and graft-versus-host disease. Bacigalupo A, et al. **Acta Haematol (Basel)** 1984;72(3):155-62

Acquired immune deficiency syndrome. No evidence of the presence of cyclosporine. Schran HF, et al. **Am J Med** 1984 Nov;77(5):797-804

Preparation, extraction and high performance liquid chromatography of cyclosporin A from plasma that contains interfering compounds. Oosthuizen MM, et al. **Ann Clin Biochem** 1985 Jul;22 (Pt 4):402-7

Evaluation of cyclosporin-phenytoin interaction with observations on cyclosporin metabolites. Freeman DJ, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):887-93

Clinical pharmacokinetics of ciclosporin A in bone marrow transplantation patients. Bertault-Pérès P, et al. **Cancer Chemother Pharmacol** 1985;15(1):76-81

Improved liquid-chromatographic determination of cyclosporine, with concomitant detection of a cell-bound metabolite. Lensmeyer GL, et al. **Clin Chem** 1985 Feb; 31(2):196-201

Derivatives of cyclosporin compatible with antibody-based assays: I. The generation of [125I]-labeled cyclosporin. Mahoney WC, et al. **Clin Chem** 1985 Mar;31(3):459-62

Effect of hematocrit on cyclosporine (cyclosporin A) in whole blood and plasma of renal-transplant patients. Rosano TG. **Clin Chem** 1985 Mar;31(3):410-2

More efficient cyclosporin A assay [letter] Rudy JL, et al. **Clin Chem** 1985 Sep;31(9):1571

Effects of sample preparation on concentrations of cyclosporin A measured in plasma. Yatscoff RW, et al. **Clin Chem** 1984 Nov;30(11):1812-4

Cyclosporin A assay: conditions for sampling and processing of blood. van den Berg JW, et al. **Clin Chim Acta** 1985 Apr 30;147(3):291-7

Cyclosporine pharmacokinetics and blood level monitoring. Burkle WS. **Drug Intell Clin Pharm** 1985 Feb;19(2):101-5 (43 ref.)

The pharmacokinetics of cyclosporine. II. Blood plasma distribution and binding studies. Awni WM, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):133-8

Simplified liquid chromatographic analysis for cyclosporin A in blood and plasma with use of rapid extraction. Garraffo R, et al. **J Chromatogr** 1985 Feb 8;337(2):416-22

Semi-automated high-performance liquid chromatographic determination of cyclosporine A in whole blood using one-step sample purification and column-switching. Hamilton G, et al. **J Chromatogr** 1985 Jun 14;341(2):411-9

Simple and rapid high-performance liquid chromatographic analysis of cyclosporine in human blood and serum. Kates RE, et al. **J Chromatogr** 1984 Aug 10;309(2):441-7

Distribution and concentration of cyclosporin in human blood. Atkinson K, et al. **J Clin Pathol** 1984 Oct; 37(10):1167-71

Targeted blood levels of cyclosporin for cardiac transplantation. Griffith BP, et al. **J Thorac Cardiovasc Surg** 1984 Dec;88(6):952-7

Does renal failure induce a decrease in cyclosporine blood concentrations? Burnier M, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:1002-5

Monitoring of cyclosporine: a status report. **Ther Drug Monit** 1984;6(3):371-4

Assessment of cyclosporin A in whole blood and plasma in five patients with different hematocrits. Agarwal RP, et al. **Ther Drug Monit** 1985;7(1):61-5

The correlation of cyclosporine serum and whole blood concentrations with toxicity and efficacy after human marrow transplantation. Britton K, et al. **Transplant Proc** 1985 Apr;17(2):1667-70

The value of serial serum trough cyclosporine levels in human renal transplantation. Kahan BD, et al. **Transplant Proc** 1984 Oct;16(5):1195-9

A functional assay for cyclosporine in patient serum. Orosz CG, et al. **Transplant Proc** 1984 Dec;16(6):1624-5

Cyclosporine monitoring in liver transplant patients [letter] Andrews W, et al. **Transplantation** 1985 Mar;39(3):338

Correlation of serum cyclosporine concentration with renal dysfunction in marrow transplant recipients. Kennedy MS, et al. **Transplantation** 1985 Sep;40(3):249-53

Cyclosporine plasma levels in renal transplant patients. Association with renal toxicity and allograft rejection. Klintmalm G, et al. **Transplantation** 1985 Feb;39(2):132-7

A significant difference in cyclosporine blood and plasma concentrations with heparin or EDTA anticoagulant. Prasad R, et al. **Transplantation** 1985 Jun;39(6):667-9

Evidence that cyclosporine-incubated platelets retain function and release cyclosporine. Sharpe RJ, et al. **Transplantation** 1985 Jul;40(1):102-4

Pharmacokinetics of intravenous cyclosporine in bone marrow transplant patients. Comparison of two assay methods. Yee GC, et al. **Transplantation** 1984 Nov; 38(5):511-3

IMMUNOLOGY

An enzyme immunoassay for the screening of monoclonal antibodies to cyclosporin. Quesniaux V, et al. **Immunol Lett** 1985;9(2-3):99-104

Immunosuppression. Cyclosporine. **Transplant Proc** 1985 Feb;17(1 Pt 2):1158-290

Immunosuppression. **Transplant Proc** 1985 Feb;17(1 Pt 2):1336–445

[Cyclosporin A: a new immunosuppressive peptide] Wu J. **Sheng Li Ko Hsueh Chin Chan** 1985 Jan;16(1):41–4 (36 ref.) (Chi)

METABOLISM

The presence of cyclosporine in body tissues and fluids during pregnancy. Flechner SM, et al. **Am J Kidney Dis** 1985 Jan;5(1):60–3

Cyclosporine penetration into the anterior chamber and cerebrospinal fluid [letter] Palestine AG, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):210–1

Penetration of topical cyclosporine into the rabbit cornea, aqueous humor, and serum. Mosteller MW, et al. **Arch Ophthalmol** 1985 Jan;103(1):101–2

Amelioration of cyclosporin-induced nephrotoxicity in rats by induction of hepatic drug metabolism. Cunningham C, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):573–8

Effect of hepatic dysfunction on oral cyclosporin pharmacokinetics in marrow transplant patients. Yee GC, et al. **Blood** 1984 Dec;64(6):1277–9

Pharmacokinetic study of cyclosporin A (Sandimmun) in patients with primary biliary cirrhosis. Robson S, et al. **Br J Clin Pharmacol** 1984 Oct;18(4):627–31

Cyclosporine kinetics in renal transplantation. Ptachcinski RJ, et al. **Clin Pharmacol Ther** 1985 Sep;38(3):296–300

The pharmacokinetics of cyclosporine. I. Single dose and constant rate infusion studies in the rabbit. Awni WM, et al. **Drug Metab Dispos** 1985 Mar–Apr;13(2):127–32

The clearance of cyclosporine by hemodialysis. Venkataramanan R, et al. **J Clin Pharmacol** 1984 Nov–Dec; 24(11–12):528–31

Extraction ratio of cyclosporine in a liver transplant patient with organ rejection. Venkataramanan R, et al. **J Pharm Sci** 1985 Aug;74(8):901–2

Promotion of the selective lymphatic delivery of cyclosporin A by lipid-surfactant mixed micelles. Takada K, et al. **J Pharmacobiodyn** 1985 Apr;8(4):320–3

Cyclosporin A binding to calmodulin: a possible site of action on T lymphocytes. Colombani PM, et al. **Science** 1985 Apr 19;228(4697):337–9

Cyclophilin: a specific cytosolic binding protein for cyclosporin A. Handschumacher RE, et al. **Science** 1984 Nov 2;226(4674):544–7

The transport of cyclosporine in association with plasma lipoproteins in heart and liver transplant patients. Gurecki J, et al. **Transplant Proc** 1985 Aug;17(4):1997–2002

Metabolism of cyclosporine. Maurer G. **Transplant Proc** 1985 Aug;17(4 Suppl 1):19–26 (29 ref.)

Pharmacologic aspects of cyclosporine therapy: pharmacokinetics. Wood AJ, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):27–32 (49 ref.)

Very high concentration in intestinal lymph after oral, but not after intravenous, cyclosporine in the rat. Albrechtsen D, et al. **Transplantation** 1985 Aug;40(2):220–2

Pharmacokinetics and nephrotoxicity of cyclosporine in renal transplant recipients. Henny FC, et al. **Transplantation** 1985 Sep;40(3):261–5

Cyclosporine absorption in intestinal transplantation. Wassef R, et al. **Transplantation** 1985 May;39(5):496–9

PHARMACODYNAMICS

Cyclosporin A (Sandimmun) modulates the Ca2+ uptake of mitogen-stimulated lymphocytes. Hiestand PC. **Agents Actions** 1984 Dec;15(5–6):556–61

Interference of cyclosporin with lymphocyte activation maintenance of the cells in a non-cycling phase and with a low intracellular pH. Koponen M, et al. **Agents Actions** 1984 Dec;15(5–6):600–5

Ciclosporin (cyclosporin A): prototype of a new generation of immunosuppressive drugs. Bendtzen K. **Allergy** 1984 Nov;39(8):565–71 (55 ref.)

Inhibitory effect of cyclosporin A on histamine release from human leukocytes and rat mast cells. Pedersen C, et al. **Allergy** 1985 Feb;40(2):103–7

In vivo and in vitro effects of cyclosporin A on Trypanosoma cruzi. McCabe RE, et al. **Am J Trop Med Hyg** 1985 Sep; 34(5):861–5

Cyclosporin A inhibits the delayed-type hypersensitivity effector function of T lymphocytes without affecting their clonal expansion. Milon G, et al. **Ann Immunol (Paris)** 1984 Nov–Dec;135D(3):237–45

Mitogenic signals are not required to circumvent the cyclosporin-induced inhibition of TNP-specific B memory cell expression. Shidani B, et al. **Ann Inst Pasteur Immunol** 1985 May–Jun;136C(3):313–21

Effects of treatment with azathioprine and cyclosporin A on interferon-gamma production by peripheral blood leukocytes of renal allograft recipients. Weimar W, et al. **Antiviral Res** 1985 Feb;5(1):49–54

Prophylactic topical cyclosporine in experimental herpetic stromal keratitis. Boisjoly HM, et al. **Arch Ophthalmol** 1984 Dec;102(12):1804–7

Cyclosporin A inhibits biological effects of tumor promoting phorbol esters. Gschwendt M, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):327–32

Inhibition of macrophage activation and tumor cell cytolysis by cyclosporin-A. Wright B, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):710–5

Cyclosporin A protects liver cells against phalloidin. Potent inhibition of the inward transport of cholate and phallotoxins. Ziegler K, et al. **Biochim Biophys Acta** 1984 Oct 12;805(2):174–80

The effect of hydrocortisone and cyclosporin A on bacillus Calmette-Guérin epitheloid cell granulomas. Gupta SK, et al. **Cell Immunol** 1985 Jun;93(1):189–98

Suppression by cyclosporin A of murine T-cell-mediated immunity against viruses in vivo and in vitro. Huegin AW, et al. **Cell Immunol** 1985 Feb;90(2):464–73

Interference of cyclosporin with lymphocyte proliferation: effects on mitochondria and lysosomes of cyclosporin-sensitive or -resistant cell clones. Koponen M, et al. **Cell Immunol** 1985 Jul;93(2):486–96

Behavior of helper T lymphocytes in cyclosporine-mediated long-term graft acceptance in the rat. Kupiec-Weglinski JW, et al. **Cell Immunol** 1985 Jun;93(1):168–77

Inhibition of in vitro anti-DNA B-cell responses by cyclosporine. Mayus JL, et al. **Cell Immunol** 1985 Aug; 94(1):195–204

In vivo effects of cyclosporine on influenza A virus-infected mice. Schiltknecht E, et al. **Cell Immunol** 1985 Mar; 91(1):227–39

Inhibition of lymphocyte activation by cyclosporin A: interference with the early activation of the membrane phospholipid metabolism in rabbit lymphocytes stimulated with concanavalin A, anti-rabbit immunoglobulin or the Ca2+ ionophore A 23187. Szamel M, et al. **Cell Immunol** 1985 Jul;93(2):239–49

Routine 'cardiac' and 'hepatic' serum enzyme profiles in cardiac-transplant patients treated with cyclosporine A: operative and post-operative findings. McKenzie FN, et al. **Clin Chem** 1985 Jun;31(6):822–5

The effects of cyclosporin A on the induction, expression and regulation of the immune response to herpes simplex virus. Altmann DM, et al. **Clin Exp Immunol** 1985 Jan; 59(1):17–22

Effect of cyclosporine A on procoagulant activity in mononuclear blood cells and monocytes in vitro. Carlsen E, et al. **Clin Exp Immunol** 1985 May;60(2):407–16

Prolongation of life in female NZB/NZW (F1) hybrid mice by cyclosporin A. Jones MG, et al. **Clin Exp Immunol** 1985 Jan;59(1):1–9

On the partial suppression of IL-2 receptor expression and the prevention of lectin-induced lymphoblast formation by cyclosporine A. Solbach W, et al. **Clin Exp Immunol** 1985 Jun;60(3):501–8

Effect of cyclosporin A on the non-MHC endothelial antibody response in the rat. Henny FC, et al. **Clin Immunol Immunopathol** 1985 Aug;36(2):249–53

Long-term effects of cyclosporin A on cultured mouse pancreatic islets. Andersson A, et al. **Diabetologia** 1984 Jul; 27 Suppl:66–9

Cyclosporine. Ptachcinski RJ, et al. **Drug Intell Clin Pharm** 1985 Feb;19(2):90–100 (114 ref.)

Cyclosporin A inhibits antigen- and lectin-induced but not constitutive production of interleukin 3. Palacios R. **Eur J Immunol** 1985 Feb;15(2):204–6

Cyclosporin A in orthotopic porcine liver transplantation. Long-term survival after short-term treatment. Bom-van Noorloos AA, et al. **Eur Surg Res** 1984;16(6):329–35

Influence of cyclosporin A on the respiration of isolated rat kidney mitochondria. Jung K, et al. **FEBS Lett** 1985 Apr 8;183(1):167–9

Effect of cyclosporin-A on insulin secretion in vitro. Laube F, et al. **Horm Metab Res** 1985 Jan;17(1):43–4

Studies on the mechanism whereby cyclosporin A inhibits T-lymphocyte activation. Stoeck M, et al. **Immunobiology** 1985 Feb;169(1):83–96

Inhibition by cyclosporin A of IgE production and cyclophosphamide-induced eosinophilia in rats immunized with non-parasite antigens. Thomson AW, et al. **Immunol Lett** 1985;9(2–3):93–7

Comparison of the pharmacological profiles of cyclosporine, (Nva2)-cyclosporine and (Val2)dihydro-cyclosporine. Hiestand PC, et al. **Immunology** 1985 Jun;55(2):249–55

Prolactin-induced polyamine biosynthesis in spleen and thymus: specific inhibition by cyclosporine. Russell DH, et al. **Immunopharmacology** 1985 Jun;9(3):165–74

Use of cyclosporin A in establishing Epstein-Barr virus-transformed human lymphoblastoid cell lines. Anderson MA, et al. **In Vitro** 1984 Nov;20(11):856–8

In vivo effects of cyclosporin A: abrogation of the induction of experimental allergic orchitis and sparing of the generation of suppressor cells. Hojo K, et al. **Int Arch Allergy Appl Immunol** 1985;78(1):63–70

Cyclosporin A induced suppression of ongoing IgE antibody formation in the mouse. Miyamoto T, et al. **Int Arch Allergy Appl Immunol** 1985;77(1–2):235–7

Effect of cyclosporin-A (CsA) on the ability of T lymphocyte subsets to inhibit the proliferation of autologous EBV-transformed B cells. Bejarano MT, et al. **Int J Cancer** 1985 Mar 15;35(3):327–33

Effect of cyclosporin A on the morphology and function of the ovary and fertility in the rabbit. Al-Chalabi HA. **Int J Fertil** 1984;29(4):218–23

Cyclosporin A inhibits helper/inducer surface antigen expression on activated human lymphocytes. Marder P, et al. **Int J Immunopharmacol** 1985;7(2):165–75

Suppression of secondary herpes simplex uveitis by cyclosporine. Oh JO, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):494–500

The effect of cyclosporine on immunization with tetanus and keyhole limpet hemocyanin (KLH) in humans. Palestine AG, et al. **J Clin Immunol** 1985 Mar;5(2):115–21

Structural and functional evolution of jejunal allograft rejection in rats and the ameliorating effects of cyclosporine therapy. Madara JL, et al. **J Clin Invest** 1985 Feb; 75(2):502–12

Stimulation of lymphokine release from T lymphoblasts. Requirement for mRNA synthesis and inhibition by cyclosporin A. Granelli-Piperno A, et al. **J Exp Med** 1984 Dec 1;160(6):1792–802

Development of graft-vs.-host disease-like syndrome in cyclosporine-treated rats after syngeneic bone marrow transplantation. I. Development of cytotoxic T lymphocytes with apparent polyclonal anti-Ia specificity, including autoreactivity. Hess AD, et al. **J Exp Med** 1985 Apr 1;161(4):718–30

Mechanism of action of Cyclosporin A: inhibition of lymphokine secretion studied with antigen-stimulated T cell hybridomas. Kaufmann Y, et al. **J Immunol** 1984 Dec; 133(6):3107–11

Prolactin receptors on human T and B lymphocytes: antagonism of prolactin binding by cyclosporine. Russell DH, et al. **J Immunol** 1985 May;134(5):3027–31

Cyclosporine-induced transplantation unresponsiveness in rat cardiac allograft recipients: in vitro determination of helper and suppressor activity. Uhteg LC, et al. **J Immunol** 1985 Sep;135(3):1800–5

Cyclosporin A directly inhibits human B-cell proliferation by more than a single mechanism. Hannam-Harris AC, et al. **J Leukocyte Biol** 1985 Aug;38(2):231–9

Failure to promote spinal cord regeneration in rats with immunosuppressive treatment [letter] Feringa ER, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):723–5

Effects of short-term cyclosporin-A on biomechanical properties of intact and fractured bone in the rat. Warren SB, et al. **J Orthop Res** 1985;3(1):96–100

Failure of cyclosporine to prevent small bowel allograft rejection in pigs. Pritchard TJ, et al. **J Surg Res** 1985 Jun; 38(6):553–8

Cyclosporine abrogation of second-set rejection: dependence upon major histocompatibility complex disparity. Schulak JA, et al. **J Surg Res** 1985 Apr;38(4):400–6

Cyclosporin and bronchial healing in canine lung transplantation. Saunders NR, et al. **J Thorac Cardiovasc Surg** 1984 Dec;88(6):993–9

Effect of immunosuppression on experimental Argentine hemorrhagic fever in guinea pigs. Kenyon RH, et al. **J Virol** 1985 Jan;53(1):75–80

Cyclosporin A effective therapy for fifty-two cadaver kidney recipients. Takagi H, et al. **Jpn J Surg** 1985 Mar;15(2):160–5

Metabolic and immunological effects of cyclosporin in recently diagnosed type 1 diabetes mellitus. Assan R, et al. **Lancet** 1985 Jan 12;1(8420):67–71

Cyclosporine alters opiate withdrawal in rodents. Dafny N, et al. **Life Sci** 1985 May 6;36(18):1721–6

Cyclosporin A and the immune response to transplantation antigens. Hess AD. **Lymphokine Res** 1982;1(2):23–7

Effect of cyclosporin A on natural killer cells' response during viral infections. Gaeta A, et al. **Microbiologica** 1985 Jul;8(3):225–32

Monocytes phagocytic activity in cyclosporine treated patients. Lun MT, et al. **Microbiologica** 1985 Jul;8(3):277–82

Effect of cyclosporin A on the development of posttransplantation hypertension in rat renal allograft recipients. de Keijzer MH, et al. **Nephron** 1985;40(1):57–62

Cyclosporin A enhances the survivability of mouse cerebral cortex grafted into the third ventricle of rat brain. Inoue H, et al. **Neurosci Lett** 1985 Feb 28;54(1):85–90

Immunohistochemical studies on mouse cerebral cortex grafted into the third ventricle of rats treated with cyclosporin A. Inoue H, et al. **Neurosci Lett** 1985 Jun 24; 57(3):289–94

The effect of cyclosporin A on the course of murine infection by Schistosoma mansoni. Nilsson LA, et al. **Parasite Immunol** 1985 Jan;7(1):19–27

Transplantation of human or rodent tumors into cyclosporine-treated mice: a feasible model for studies of tumor biology and chemotherapy. Fingert HJ, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7927–31

Cyclosporin A (CyA) does not enhance CFU-c growth in patients with severe aplastic anaemia. Bacigalupo A, et al. **Scand J Haematol** 1985 Feb;34(2):133–6

Cyclosporin A inhibits induction but not production of gamma interferon induced by Epstein-Barr virus. Andersson JP, et al. **Scand J Immunol** 1985 Aug;22(2):203–6

Effect of cyclosporin and interleukin-2 on the restoration of in vitro immune responses to cytomegalovirus. Converse PJ, et al. **Scand J Immunol** 1985 Feb;21(2):109–18

Effect of cyclosporin A on human neutrophil and monocyte function. Kharazmi A, et al. **Scand J Immunol** 1985 Jun; 21(6):585–91

Influenza virus-specific T cells fail to reduce lung virus titres in cyclosporin-treated, infected mice. Schiltknecht E, et al. **Scand J Immunol** 1985 Jul;22(1):99–103

Induction of interleukin 2 messenger RNA inhibited by cyclosporin A. Elliott JF, et al. **Science** 1984 Dec 21; 226(4681):1439–41

A comparison of the effects of cyclosporin A and standard agents on primary wound healing in the rat. Eisinger DR, et al. **Surg Gynecol Obstet** 1985 Feb;160(2):135–8

Growth and function of transplanted fetal rat intestine: effect of cyclosporine. Schwartz MZ, et al. **Surgery** 1985 Apr;

97(4):481-6

The effect of cyclosporin A on pulmonary fibrosis induced by butylated hydroxytoluene, bleomycin and beryllium sulfate. Sendelbach LE, et al. **Toxicol Lett** 1985 Aug; 26(2-3):169-73

Specific unresponsiveness to allografts induced by cyclosporine is not antibody dependent. Hall BM, et al. **Transplant Proc** 1985 Apr;17(2):1650-2

Analysis of T cell function using cyclosporine: graft rejection by T cells involves lymphokine release. Hodgkin PD, et al. **Transplant Proc** 1985 Apr;17(2):1644-5

Cyclosporine: the agent and its actions. Kahan BD. **Transplant Proc** 1985 Aug;17(4 Suppl 1):5-18 (120 ref.)

Effect of the immunosuppressive drugs cyclosporine and methylprednisolone on lymphokine responses in vitro. MacSween JM, et al. **Transplant Proc** 1985 Aug; 17(4):1984-6

Cyclosporine and murine responses to alloantigens: effects of cyclosporine and donor-specific transfusions on delayed hypersensitivity reactions and murine skin allografts. Mottram PL, et al. **Transplant Proc** 1985 Apr;17(2):1646-9

Enhancement of natural killer cell activity by interferon and interleukin-2 in human large granular lymphocytes inhibited by cyclosporine. Ramsey KM, et al. **Transplant Proc** 1984 Dec;16(6):1628-31

Effect of cyclosporine on the generation of prostanoids by cultured peripheral lymphocytes. Schultze G, et al. **Transplant Proc** 1984 Oct;16(5):1214-7

Phenotype, activation status, and suppressor activity of host lymphocytes during acute rejection and after cyclosporine-induced unresponsiveness of rat cardiac allografts. Araujo JL, et al. **Transplantation** 1985 Sep; 40(3):278-84

A novel cell type carrying both Th and Tc/s markers in the blood of cyclosporine-treated, allografted rats. Godden U, et al. **Transplantation** 1985 Jun;39(6):624-8

Failure of cyclosporine to prevent in vivo T cell priming in man. Studies in allogeneic spleen transplantation. Gonwa TA, et al. **Transplantation** 1985 Sep;40(3):299-304

The differential inhibitory effects exerted by cyclosporine and hydrocortisone on the activation of human cytotoxic lymphocytes by recombinant interleukin-2 versus allospecific CTL. Grimm EA, et al. **Transplantation** 1985 May;39(5):537-40

Effect of cyclosporine on MHC class II antigen expression on arterial and venous endothelium in vitro. Groenewegen G, et al. **Transplantation** 1985 Jul;40(1):21-5

Frequency analysis of cyclosporine-sensitive cytotoxic T lymphocyte precursors. Heeg K, et al. **Transplantation** 1984 Nov;38(5):532-6

Composite tissue (limb) allografts in rats. I. Dose-dependent increase in survival with cyclosporine. Hewitt CW, et al. **Transplantation** 1985 Apr;39(4):360-4

Inhibition of human in vivo cytotoxic T lymphocyte generation by cyclosporine following organ transplantation. Keown PA, et al. **Transplantation** 1985 Jul; 40(1):45-9

Mediation of the antiproliferative effect of cyclosporine on human lymphocytes by blockade of interleukin 2 biosynthesis. Kermani-Arab V, et al. **Transplantation** 1985 Apr;39(4):439-42

Inhibition of prednisolone metabolism by cyclosporine in kidney-transplanted patients. Langhoff E, et al. **Transplantation** 1985 Jan;39(1):107-9

Inhibition of the accessory function of murine macrophages in vitro by cyclosporine. Manca F, et al. **Transplantation** 1985 Jun;39(6):644-9

Restoration of T cell responsiveness to interleukin-2 in recipients of pancreatic islet xenografts treated with cyclosporine. Nakajima Y, et al. **Transplantation** 1985 Jul; 40(1):73-6

The effect of cyclosporine on cardiac xenograft survival. Sugimoto K, et al. **Transplantation** 1985 Feb;39(2):218-9

Immunological study of cyclosporine in heterotopic transplantation of canine hearts. Suzuki S, et al. **Transplantation** 1985 May;39(5):565-8

The impaired ability of human monocytes to stimulate autologous and allogeneic mixed lymphocyte reactions after exposure to cyclosporine. Associated alterations of HLA-DR expression and physical characteristics of monocytes. Whisler RL, et al. **Transplantation** 1985 Jul; 40(1):57-61

Characteristics of cyclosporine induction of increased prostaglandin levels from human peripheral blood monocytes. Whisler RL, et al. **Transplantation** 1984 Oct; 38(4):377-81

Nature of the suppressor cells mediating prolonged graft survival after administration of extracted histocompatibility antigen and cyclosporine. Yoshimura N, et al. **Transplantation** 1985 Feb;39(2):162-8

[Cyclosporin] van Ypersele de Strihou C. **J Pharm Belg** 1985 Mar-Apr;40(2):109-12 **(Fre)**

[Criteria for hemostasis in kidney transplant patients. Comparison of patients undergoing immunosuppression with cyclosporin and azathioprine steroids] Huser B, et al. **Schweiz Med Wochenschr** 1984 Aug 25;114(34):1149-54 (Eng. Abstr.) **(Ger)**

[Immunological studies on renal transplantation. III. Experimental studies on the immunosuppressive action of cyclosporin A] Matsuura T. **Nippon Hinyokika Gakkai Zasshi** 1984 Dec;75(12):1857-65 (Eng. Abstr.) **(Jpn)**

[Immunological studies on renal transplantation. IV. Studies on the mode of action of cyclosporin A] Matsuura T. **Nippon Hinyokika Gakkai Zasshi** 1984 Dec;75(12):1866-73 (Eng. Abstr.) **(Jpn)**

[Cyclosporin: experimental studies and clinical use in organ transplants] Araujo JL, et al. **Rev Invest Clin** 1984 Oct-Dec; 36(4):367-76 (127 ref.) (Eng. Abstr.) **(Spa)**

POISONING

Activated charcoal in acute cyclosporin overdose [letter] Honcharik N, et al. **Lancet** 1985 May 4;1(8436):1051

THERAPEUTIC USE

Drugs recently released in Belgium. Harvengt C. **Acta Clin Belg** 1984;39(4):261-4

Cyclosporin A treatment for chronic uveitis associated with retinitis. Karjalainen K. **Acta Ophthalmol (Copenh)** 1984 Aug;62(4):631-5

Examination of parameters influencing the benefit:detriment ratio of cyclosporine in renal transplantation. The Canadian Transplant Study Group. **Am J Kidney Dis** 1985 Jun; 5(6):328-32

Cyclosporine in renal transplantation: a single institutional experience. Ferguson RM, et al. **Am J Kidney Dis** 1985 Jun;5(6):296-306

Cyclosporine-steroid combination therapy in 84 cadaveric renal transplants. Gordon RD, et al. **Am J Kidney Dis** 1985 Jun;5(6):307-12

Impact of cyclosporine on cadaveric renal transplantation: a summary statement. Hunsicker LG. **Am J Kidney Dis** 1985 Jun;5(6):335-41

Impact of cyclosporine on renal transplant practice at the University of Texas Medical School at Houston. Kahan BD, et al. **Am J Kidney Dis** 1985 Jun;5(6):288-95

Clinical experience with cyclosporine and azathioprine at Brigham and Women's Hospital. Milford EL, et al. **Am J Kidney Dis** 1985 Jun;5(6):313-7

Costs and benefits of cyclosporine therapy in renal transplantation. Rettig RA, et al. **Am J Kidney Dis** 1985 Jun;5(6):344-6

Occasions for cyclosporine in the management of various renal transplant situations. Salvatierra O Jr. **Am J Kidney Dis** 1985 Jun;5(6):333-4

Results of the Minnesota randomized prospective trial of cyclosporine versus azathioprine-antilymphocyte globulin for immunosuppression in renal allograft recipients. Sutherland DE, et al. **Am J Kidney Dis** 1985 Jun; 5(6):318-27

Treatment of acute graft-versus-host disease after allogeneic marrow transplantation. Randomized study comparing corticosteroids and cyclosporine. Kennedy MS, et al. **Am J Med** 1985 Jun;78(6 Pt 1):978-83

Enthusiastic cyclosporine consensus [news] **Am J Nurs** 1985 Aug;85(8):861

Pathology of hepatic transplantation: A review of 62 adult allograft recipients immunosuppressed with a cyclosporine/steroid regimen. Demetris AJ, et al. **Am J Pathol** 1985 Jan;118(1):151-61

Prevention of diabetes mellitus in the BB/W rat with Cyclosporin-A. Like AA, et al. **Am J Pathol** 1984 Oct; 117(1):92-7

Cyclosporine: a new immunosuppressive agent for organ transplantation. Cohen DJ, et al. **Ann Intern Med** 1984 Nov; 101(5):667-82 (248 ref.)

Delayed acute rejection episodes in cyclosporine-treated renal transplant recipients. Merion RM, et al. **Ann Surg** 1985 Apr;201(4):444-6

A single institution, randomized, prospective trial of cyclosporin versus azathioprine-antilymphocyte globulin for immunosuppression in renal allograft recipients. Najarian JS, et al. **Ann Surg** 1985 Feb;201(2):142-57

Experience with cyclosporine and steroids in clinical renal transplantation. Tilney NL, et al. **Ann Surg** 1984 Nov; 200(5):605-13

Effects of cyclosporine on the renin-angiotensin-aldosterone system and potassium excretion in renal transplant recipients. Bantle JP, et al. **Arch Intern Med** 1985 Mar; 145(3):505-8

Effectiveness of cyclosporin therapy for Behçet's disease. Nussenblatt RB, et al. **Arthritis Rheum** 1985 Jun;28(6):671-9

Cyclosporine: a new adjuvant therapy for giant cell arteritis? [letter] Wendling D, et al. **Arthritis Rheum** 1985 Sep; 28(9):1078-9

Cyclosporine for pure red cell aplasia [letter] Debusscher L, et al. **Blood** 1985 Jan;65(1):249

Cyclosporine as prophylaxis for graft-versus-host disease: a randomized study in patients undergoing marrow transplantation for acute nonlymphoblastic leukemia. Deeg HJ, et al. **Blood** 1985 Jun;65(6):1325-34

Growth, interleukin-2 production, and responsiveness to IL-2 in T4-positive T Lymphocyte populations from malignant cutaneous T cell lymphoma (Sézary's syndrome): the effect of cyclosporin A. Solbach W, et al. **Blood** 1984 Nov;64(5):1022-7

Marrow transplantation for chronic myelocytic leukemia: a controlled trial of cyclosporine versus methotrexate for prophylaxis of graft-versus-host disease. Storb R, et al. **Blood** 1985 Sep;66(3):698-702

Cyclosporine and graft failure following bone marrow transplantation for severe aplastic anaemia. Hows J, et al. **Br J Haematol** 1985 Aug;60(4):611-7

Refractory idiopathic thrombocytopenic purpura (ITP) treated with cyclosporine. Kelsey PR, et al. **Br J Haematol** 1985 May;60(1):197-8

Prolonged survival of allogeneic corneal grafts in rabbits treated with topically applied cyclosporin A: systemic absorption and local immunosuppressive effect. Foets B, et al. **Br J Ophthalmol** 1985 Aug;69(8):600-3

Cyclosporine in heart and heart-lung transplantation. Modry DL, et al. **Can J Surg** 1985 May;28(3):274-80, 282

Cyclosporine and organ transplantation. Steinmuller DR. **Cleve Clin Q** 1985 Summer;52(2):263-70

The influence of cyclosporin A on the induction of experimental autoimmune thyroid disease in the PVG/c rat. Hassman RA, et al. **Clin Exp Immunol** 1985 Jan; 59(1):10-6

Treatment of experimental myasthenia gravis with cyclosporin A. Drachman DB, et al. **Clin Immunol Immunopathol** 1985 Feb;34(2):174-88

Testicular function after renal transplantation: comparison of Cyclosporin A with azathioprine and prednisone combination regimes. Handelsman DJ, et al. **Clin Nephrol** 1984 Sep;22(3):144-8

Cyclosporine. Platt D, et al. **Conn Med** 1985 Aug;49(8):503-6

T-cell subsets in a cyclosporin-A treated recipient of cadaveric kidney allograft as defined by theophylline sensitivity and monoclonal antibodies. Shohat B, et al. **Dev Biol Stand** 1984;57:361-6

Successful long-term survival of pancreatic islet allografts in spontaneous or pancreatectomy-induced diabetes in dogs. Cyclosporine-induced immune unresponsiveness. Alejandro R, et al. **Diabetes** 1985 Aug;34(8):825-8

Thirty months' experience with cyclosporin in human pancreatic transplantation. Traeger J, et al. **Diabetologia** 1984 Jul;27 Suppl:154-6

Cyclosporin A treatment in two cases of corneal peripheral melting syndrome. Kruit PJ, et al. **Doc Ophthalmol** 1985 Jan 31;59(1):33-9

Beneficial effect of cyclosporin A on the lymphocytic choriomeningitis virus infection in mice. Saron MF, et al. **Eur J Immunol** 1984 Nov;14(11):1064-6

Cyclosporin A in marrow transplantation for leukemia and aplastic anemia. Bacigalupo A, et al. **Exp Hematol** 1985 May;13(4):244-8

Experimental model for bone allografts with and without immunosuppression and microsurgical revascularization. Aebi M, et al. **Helv Chir Acta** 1985 Jan;51(6):641-4

Follow-up studies on proliferative T cell responses in cadaveric kidney graft recipients under combined immunosuppressive treatment with cyclosporine and prednisone. Irschick EU, et al. **Immunobiology** 1985 Mar; 169(2):128-38

New avenues in the use of cyclosporine for transplantation. Graft and donor pretreatment. Cederna J, et al. **Immunol Commun** 1984;13(6):523-38

The failure of cyclosporin to inhibit granulomatous inflammation in acute Arthus-like panophthalmitis. Palestine AG, et al. **Immunol Lett** 1985;9(4):235-7

Correlation between prostaglandin and thromboxane levels and clinical signs in cyclosporine A-treated guinea pigs with acute experimental allergic encephalomyelitis. Bolton C, et al. **Immunopharmacology** 1985 Jun;9(3):147-53

Effects of cyclosporine and other immunosuppressive drugs on experimental autoimmune uveoretinitis in rats. Mochizuki M, et al. **Invest Ophthalmol Vis Sci** 1985 Feb; 26(2):226-32

Effects of cyclosporine on T-cell subsets in experimental autoimmune uveitis. Nussenblatt RB, et al. **Invest Ophthalmol Vis Sci** 1985 Jan;26(1):10-4

Treatment of cutaneous T cell lymphoma with cyclosporin A [letter] Moreland AA, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):886-7

Cyclosporine therapy of rat heart allograft recipients and release of interleukins (IL 1, IL 2, IL 3): a role for IL 3 in graft tolerance? Abbud-Filho M, et al. **J Immunol** 1984 Nov;133(5):2582-6

Use of cyclosporine in pediatric renal transplant recipients. Conley SB, et al. **J Pediatr** 1985 Jan;106(1):45-9

Cyclosporin A in management of Graves' disease [letter] McGregor AM, et al. **J R Soc Med** 1985 Jun;78(6):511-2

Combined heart-lung transplantation for terminal pulmonary lymphangioleiomyomatosis. Wellens F, et al. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):872-6

Cyclosporin, uric acid, and the kidney [letter] **Lancet** 1985 Mar 23;1(8430):701-2

Cyclosporin in autoimmune disease [editorial] **Lancet** 1985 Apr 20;1(8434):909-11

Preferential efficacy of cyclosporin? [letter] **Lancet** 1985 Mar 30;1(8431):755

Conversion from cyclosporin to azathioprine/prednisolone [letter] Adu D, et al. **Lancet** 1985 Feb 16;1(8425):392

Cyclosporin and skin disease [letter] Aldridge RD, et al. **Lancet** 1985 Jan 19;1(8421):160

Cyclosporin and rifampicin in renal transplantation [letter] Allen RD, et al. **Lancet** 1985 Apr 27;1(8435):980

Cyclosporin G: immunosuppressive effect in dogs with renal allografts [letter] Calne RY, et al. **Lancet** 1985 Jun 8; 1(8441):1342

Cyclosporin in cadaveric renal transplantation: 3-year follow-up of a European multicentre trial [letter] Calne RY, et al. **Lancet** 1985 Sep 7;2(8454):549

Preferential effectiveness of cyclosporin in patients receiving kidney transplants after glomerulonephritis. Cats S, et al.

Lancet 1985 Mar 2;1(8427):490-1

HLA matching is important for cadaver renal transplant recipients treated with cyclosporin. Dyer PA, et al. **Lancet** 1985 Jul 27;2(8448):212-3

Cyclosporin in ulcerative colitis [letter] Gupta S, et al. **Lancet** 1984 Dec 1;2(8414):1277-8

Cyclosporin for psoriasis [letter] Harper JI, et al. **Lancet** 1984 Oct 27;2(8409):981-2

Catch-up growth in children with successful renal transplants immunosuppressed with cyclosporin alone [letter] Knight JF, et al. **Lancet** 1985 Jan 19;1(8421):159-60

Cyclosporin in diabetes [letter] Koivisto VA, et al. **Lancet** 1985 Feb 16;1(8425):401

Prolactin predicts cardiac allograft rejection in cyclosporin immunosuppressed patients [letter] Larson DF, et al. **Lancet** 1985 Jul 6;2(8445):53

Disappearance and reappearance of islet cell cytoplasmic antibodies in cyclosporin-treated insulin-dependent diabetics. Mandrup-Poulsen T, et al. **Lancet** 1985 Mar 16; 1(8429):599-602

Effects of cyclosporin on bullous pemphigoid and pemphigus [letter] Thivolet J, et al. **Lancet** 1985 Feb 9;1(8424):334-5

Cyclosporin and psoriasis [letter] van Hooff JP, et al. **Lancet** 1985 Feb 9;1(8424):335

Improvement of ichthyosis by cyclosporin [letter] Velthuis PJ, et al. **Lancet** 1985 Feb 9;1(8424):335

Cyclosporin A in cadaveric renal transplantation [editorial] D'Apice AJ. **Med J Aust** 1985 Feb 4;142(3):172-4

Treatment of renal transplantation rejection. Cyclosporin A versus conventional treatment with azathioprine, prednisone and antithymocyte immunoglobulin in primary cadaveric renal transplantation. Hall BM, et al. **Med J Aust** 1985 Feb 4;142(3):179-85

Successful treatment of amegakaryocytic thrombocytopenic purpura with cyclosporine [letter] Hill W, et al. **N Engl J Med** 1985 Apr 18;312(16):1060-1

Cyclosporine in refractory severe aplastic anemia [letter] Wisløff F, et al. **N Engl J Med** 1985 May 2;312(18):1193

Canine pancreatic allotransplantation with duodenum (pancreaticoduodenal transplantation) using cyclosporin A. Morimoto T, et al. **Nagoya J Med Sci** 1985 Jan; 47(1-2):57-66

What I needed to know about cyclosporine. Li JT. **NC Med J** 1984 Dec;45(12):771-2

Effect of cyclosporin A on antibody-induced experimental glomerulonephritis. Tipping PG, et al. **Nephron** 1985; 40(2):201-5

The potential use of cyclosporine in reconstructive surgery. Towpik E, et al. **Plast Reconstr Surg** 1985 Aug;76(2):312-22 (130 ref.)

Improvement in cyclosporine handling by anti-lymphocyte globulin in the early post-operative period. Grundmann R, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:987-91

Monitoring of NK-1 and NK-15 subsets and natural killer activity in kidney transplant recipients receiving cyclosporine. Renna Molajoni E, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:1042-6

The influence of cyclosporin on graft and patient survival after renal transplantation. The Groote Schuur Hospital experience. Jacobson JE, et al. **S Afr Med J** 1985 Feb 2; 67(5):166-8

Cyclosporin A in the management of patients with heart transplants. Initial experience at Groote Schuur Hospital. van Veldhuisen DG, et al. **S Afr Med J** 1984 Oct 13; 66(15):557-62

Cyclosporine A in a case of refractory severe aplastic anaemia. Seip M, et al. **Scand J Haematol** 1985 Mar; 34(3):228-30

Treatment of therapy-resistant Sézary syndrome with Cyclosporin-A: suppression of pruritus, leukaemic T cell activation markers and tumour mass. Tötterman TH, et al. **Scand J Haematol** 1985 Feb;34(2):196-203

Cyclosporin A treatment in a case of relapsing polychondritis. Svenson KL, et al. **Scand J Rheumatol** 1984; 13(4):329-33

Cyclosporine in cardiac transplantation. Goldman MH, et al. **Surg Clin North Am** 1985 Jun;65(3):637-59 (70 ref.)

Segmental pancreatic allograft survival in baboons treated with combined irradiation and cyclosporine: a preliminary report. du Toit DF, et al. **Surgery** 1985 Apr;97(4):447-54

Clinical and experimental studies with cyclosporine in renal transplantation. Kahan BD, et al. **Surgery** 1985 Feb; 97(2):125-40 (86 ref.)

Management of end-stage renal disease by transplantation: the use and limitations of cyclosporine. Kahan BD, et al. **Tex Med** 1985 Aug;81(8):32-43

Cyclosporin A in the treatment of posterior uveitis. Graham EM, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):146-51

Filaricidal effects of cyclosporin-A against Dipetalonema vitene in Mastomys natalensis. Bout D, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):670-1

Cyclosporine immunosuppression in cadaver kidney recipients with a remote positive crossmatch to the current donor. Belitsky P. **Transplant Proc** 1985 Aug;17(4):1937-9

T suppressor cell function in cyclosporine-treated renal transplant recipients. Brando B, et al. **Transplant Proc** 1984 Dec;16(6):1639-41

The effect of pretransplant blood transfusions on renal allograft survival in patients on cyclosporine. Gardner B, et al. **Transplant Proc** 1984 Oct;16(5):1172-3

Cyclosporine: an overview. Harder F. **Transplant Proc** 1984 Oct;16(5):1221-2

Impact of mode of pretransplant loading with cyclosporine on the incidence of early rejection in haploidentical living related donor renal recipients. Kahan BD, et al. **Transplant Proc** 1984 Dec;16(6):1619-23

Correlation of visual 51Cr release and flow cytometry crossmatch results and graft survival. Kerman R, et al. **Transplant Proc** 1984 Dec;16(6):1430-3

Sequential Minnesota antilymphoblast globulin and cyclosporine therapy after cadaver renal transplantation. Ludwin D, et al. **Transplant Proc** 1985 Aug;17(4):1943-4

Conversion from cyclosporine to azathioprine in renal graft recipients. MacDonald AS, et al. **Transplant Proc** 1985 Aug;17(4):1940-2

Cyclosporine in the treatment of acute allograft rejection refractory to high-dose methylprednisolone: results of a prospectively randomized trial. Margreiter R, et al. **Transplant Proc** 1984 Oct;16(5):1202-4

Temporal effect of cyclosporine immunosuppression on T lymphocyte subsets, Ia-reactive cells, and donor-specific immunity in cardiac allograft recipients. Mazaheri R, et al. **Transplant Proc** 1984 Dec;16(6):1537-9

A Japanese trial of cyclosporine in living related and cadaveric renal transplantation. Ochiai T, et al. **Transplant Proc** 1985 Aug;17(4):2035-40

Treatment of acute rejection with cyclosporine. Pettersson E, et al. **Transplant Proc** 1984 Oct;16(5):1205-7

Immunopharmacodynamic profiles in renal transplant patients treated intravenously with cyclosporine. Rogers AJ, et al. **Transplant Proc** 1984 Dec;16(6):1634-6

Sequential use of antithymocyte globulin and cyclosporine augments skin allograft survival. Thomas J, et al. **Transplant Proc** 1984 Dec;16(6):1522-4

Cyclosporine improves outcome in high-risk cadaveric renal allograft recipients. Van Buren CT, et al. **Transplant Proc** 1984 Oct;16(5):1162-6

Occurrence of isohemagglutinins of graft origin after transplantation of an ABO-unmatched renal allograft is related to the cyclosporine medication [letter] Beelen JM, et al. **Transplantation** 1985 Sep;40(3):340

Alterations in the generalized Shwartzman reaction induced by cyclosporine. Bock GH, et al. **Transplantation** 1985 Jul; 40(1):97-100

Pretransplant transfusion and cyclosporine-induced enhancement of rabbit skin allografts: donor-specific versus third-party blood [letter] Dieperink H. **Transplantation** 1985 Jun;39(6):688

Preoperative total-lymphoid irradiation, splenectomy, and postoperative cyclosporine in the rat cardiac heterograft model. Downing TP, et al. **Transplantation** 1985 Jan; 39(1):81-3

The effect of cytomegalovirus and Epstein-Barr virus infection on T lymphocyte subsets in cardiac transplant patients on cyclosporine. Dummer JS, et al. **Transplantation** 1984 Oct;38(4):433-5

The use of cyclosporine in living-related renal transplantation. Donor-specific hyporesponsiveness and steroid withdrawal. Flechner SM, et al. **Transplantation** 1984 Dec;38(6):685-91

The use of direct ultraviolet irradiation and cyclosporine in facilitating indefinite pancreatic islet allograft acceptance. Lau H, et al. **Transplantation** 1984 Dec;38(6):566-9

Long-term prolongation of cardiac allografts by subtherapeutic levels of cyclosporine in rats conditioned with pretransplant blood transfusions and cyclosporine. Martinelli GP, et al. **Transplantation** 1985 Jan;39(1):1-5

Acute rejection and massive cyclosporine requirements in heart transplant recipients treated with rifampin. Modry DL, et al. **Transplantation** 1985 Mar;39(3):313-4

Correlation of HLA matching with kidney graft survival in patients with or without cyclosporine treatment. Opelz G. **Transplantation** 1985 Sep;40(3):240-3

Experimental small bowel transplantation utilizing cyclosporine. Raju S, et al. **Transplantation** 1984 Dec; 38(6):561-6

Immunopharmacodynamic evaluation of cyclosporine-treated renal allograft recipients. Rogers AJ, et al. **Transplantation** 1984 Dec;38(6):657-64

The use of fine-needle intrarenal manometry in the management of renal transplant patients receiving cyclosporine. Salaman JR, et al. **Transplantation** 1985 May; 39(5):523-6

A comparison of the effects of topical cyclosporine and topical steroid on rabbit corneal allograft rejection. Williams KA, et al. **Transplantation** 1985 Mar;39(3):242-4

[Cyclosporin, a new immunosuppressive agent?] Häyry P. **Duodecim** 1984;100(13):768-76 (Fin)

[Sandoz-INSERM randomized trial of cyclosporine in type I insulin-dependent diabetes] Feutren G, et al. **Diabete Metab** 1985 Jun;11(3):191-3 (Fre)

[Use of cyclosporin A for the treatment of Behçet's disease (letter)] Alijotas J, et al. **Presse Med** 1985 Jun 8;14(23):1292 (Fre)

[Therapeutic aspects of cyclosporin in hematology] Debusscher L, et al. **Rev Med Brux** 1985 Apr;6(4):271-5 (Eng. Abstr.) (Fre)

[Treatment of rhizomelic pseudopolyarthritis with cyclosporin A. Preliminary result (letter)] Wendling D, et al. **Rev Rhum Mal Osteoartic** 1985 Feb;52(2):135 (Fre)

[Crohn disease: initial experiences with cyclosporin A in an adolescent girl] Dannecker G, et al. **Dtsch Med Wochenschr** 1985 Mar 1;110(9):339-43 (Eng. Abstr.) (Ger)

[Cyclosporin A treatment in severe endocrine ophthalmopathy (letter)] Utech C, et al. **Dtsch Med Wochenschr** 1985 Jan 25;110(4):155-6 (Ger)

[Endocrine ophthalmopathy and cyclosporin A (letter)] Witte A, et al. **Dtsch Med Wochenschr** 1985 Jun 7;110(23):937 (Ger)

[Immunosuppression in juvenile diabetes mellitus? Critical viewpoint on the treatment with cyclosporin A with consideration of the differential etiology] Teuber J, et al. **Fortschr Med** 1985 Jul 25;103(27-28):707-13 (Eng. Abstr.) (Ger)

[Treatment of an acute dermatomyositis with cyclosporin A] Zabel P, et al. **Immun Infekt** 1984 Feb;12(1):41-2 (Eng. Abstr.) (Ger)

[Models and perspectives of pancreas transplantation in the rat. II. Course of rejection of pancreaticoduodenal transplants of various histoincompatibility and the effect of temporary therapy with cyclosporin (Sandimmun)] Timmermann W, et al. **Langenbecks Arch Chir** 1985; 363(4):235-43 (Eng. Abstr.) (Ger)

[Treatment of interstitial pneumonia in autoimmune mice with cyclosporin A] Okudaira H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct; 22(10):880-4 (Eng. Abstr.) (Jpn)

[Clinical application of cyclosporin A] Okamura J, et al. **Nippon Rinsho** 1985 Jan;43(1):128-35 (Jpn)

[Therapy of systemic lupus erythematosus--studies using disease models. 3. Effect of cyclosporin A on spontaneous autoimmune diseases] Okuhira K, et al. **Nippon Rinsho** 1984 Dec;42(12):2800-6 (Jpn)

[Use of cyclosporin A in 5 leukemia patients receiving allogeneic bone marrow transplantation] Akao Y, et al. **Rinsho Ketsueki** 1984 Sep;25(9):1417-26 (Eng. Abstr.) (Jpn)

[Cyclosporin A--a new immunosuppressive drug] Grzeszczak W, et al. **Pol Tyg Lek** 1984 Jul 9;39(28):957-9 (Pol)

[Cyclosporin A--a new immunosuppressive drug] Towpik E, et al. **Pol Tyg Lek** 1984 Dec 17-31;39(51-52):1735-9 (44 ref.) (Pol)

[Cyclosporin A (letter)] Alijotas Reig J, et al. **Med Clin (Barc)** 1985 Mar 23;84(11):462-3 (Spa)

[Cyclosporin A] Lloveras Macià J. **Med Clin (Barc)** 1984 Sep 29;83(9):381-91 (185 ref.) (Spa)

TOXICITY

Severe systemic vascular necrosis in cyclosporin-treated rabbits with acute serum sickness. Neild GH, et al. **Br J Exp Pathol** 1984 Dec;65(6):731-43

Morphological and functional changes of pancreatic B cells in cyclosporin A-treated rats. Helmchen U, et al. **Diabetologia** 1984 Sep;27(3):416-8

Cyclosporin enhances diabetes induced by low-dose streptozotocin treatment in mice. Sestier C, et al. **Immunol Lett** 1985;10(1):57-60

Cyclosporine timing and kidney damage [letter] Hrushesky WJ. **N Engl J Med** 1985 Jul 18;313(3):184

Glomerulotubular function in cyclosporine-treated rats. A lithium clearance, occlusion time/transit time and micropuncture study. Dieperink H, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:853-9

Cyclosporine and short ischaemia: a new model of experimental acute renal failure in rats. Iaina A, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:849-52

Circadian toxicology of cyclosporin. Magnus G, et al. **Toxicol Appl Pharmacol** 1985 Jan;77(1):181-5

Cyclosporine-associated renal damage in the mouse. Boland J, et al. **Transplant Proc** 1985 Apr;17(2):1671-2

The effect of cyclosporine on organ blood flow. McKenzie N, et al. **Transplant Proc** 1985 Aug;17(4):1973-5

Renal dysfunction in animal models of cyclosporine toxicity. Paller MS, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):155-9 (16 ref.)

Cyclosporine nephrotoxicity: studies in laboratory animals. Sullivan BA, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):145-54 (65 ref.)

Issues in the pathophysiology of nephrotoxic renal tubular cell injury pertinent to understanding cyclosporine nephrotoxicity. Weinberg JM. **Transplant Proc** 1985 Aug; 17(4 Suppl 1):81-90 (90 ref.)

Cyclosporine: toxicity, metabolism, and drug interactions--implications from animal studies. Whiting PH, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):134-44 (44 ref.)

Effect of captopril and theophylline treatment on cyclosporine-induced nephrotoxicity in rats. Gerkens JF, et al. **Transplantation** 1985 Aug;40(2):213-4

The effect of salt intake on cyclosporine-induced impairment of renal function in rats. Gerkens JF, et al. **Transplantation** 1984 Oct;38(4):412-7

Increase in urinary thromboxane B2 in rats caused by cyclosporine. Kawaguchi A, et al. **Transplantation** 1985 Aug;40(2):214-6

Cyclosporine-induced fetotoxicity in the rat. Mason RJ, et al. **Transplantation** 1985 Jan;39(1):9-12

Bronchial anastomotic healing in canine lung allotransplants treated with cyclosporine. Pinsker KL, et al. **Transplantation** 1985 Aug;40(2):143-6

CYCLOSTOMES

Immunoreactivity for Met-enkephalin and substance P in cells of the adenohypophysis of larval and adult sea lampreys, Petromyzon marinus. Nozaki M, et al. **Gen Comp Endocrinol** 1985 Feb;57(2):172-83

Refinement of a molecular model for lamprey hemoglobin from Petromyzon marinus. Honzatko RB, et al. **J Mol Biol** 1985 Jul 5;184(1):147-64

The effect of current passage on N-methyl-D-aspartate-induced, tetrodotoxin-resistant membrane potential oscillations in lamprey neurons active during locomotion. Wallén P, et al. **Neurosci Lett** 1985 May 14;56(2):87-93

ANATOMY & HISTOLOGY

Nonparenchymal liver cells in a vertebrate without bile ducts. Youson JH, et al. **Anat Embryol (Berl)** 1985;172(1):89-96

Assemblies of linear arrays of particles in the apical plasma membrane of mitochondria-rich cells in the gill epithelium of the Atlantic hagfish (Myxine glutinosa). Bartels H. **Anat Rec** 1985 Mar;211(3):229-38

Primary vestibular projections in the hagfish, Eptatretus burgeri. Amemiya F, et al. **Brain Res** 1985 Jun 24; 337(1):73-9

Pituitary cysts in the sea lamprey of the Great Lakes, Petromyzon marinus L. Sholdice JA, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):135-49

Evolution of myelin sheaths: both lamprey and hagfish lack myelin. Bullock TH, et al. **Neurosci Lett** 1984 Jul 27; 48(2):145-8

Regular orientation of horizontal cells in the river lamprey retina. Negishi K, et al. **Neurosci Lett** 1984 Sep 7; 50(1-3):145-50

Scanning electron microscopic observation on the luminal surface of the intestine in lamprey (Lampetra japonica) during upstream migration. Ishikawa K, et al. **Z Mikrosk Anat Forsch** 1984;98(5):699-704

Neuroanatomical evidence for electroreception in lampreys. Fritzsch B, et al. **Z Naturforsch [C]** 1984 Jul-Aug; 39(7-8):856-8

[Observations on the formation of horny teeth of the lamprey, Entosphenus japonicus] Kawasaki K. **Kokubyo Gakkai Zasshi** 1984 Jun;51(2):287-332 (Eng. Abstr.) **(Jpn)**

GROWTH & DEVELOPMENT

Changes in plasma steroid and thyroid hormones and insulin during final maturation and spawning of the sea lamprey, Petromyzon marinus. Sower SA, et al. **Gen Comp Endocrinol** 1985 May;58(2):259-69

IMMUNOLOGY

Purification of a lamprey complement protein homologous to the third component of the mammalian complement system. Nonaka M, et al. **J Immunol** 1984 Dec; 133(6):3242-9

METABOLISM

Regulation of intracellular pH in vertebrate central neurons. Chesler M, et al. **Brain Res** 1985 Jan 28;325(1-2):313-6

Thyrotropin-releasing hormone in lamprey central nervous system. Youngs LJ, et al. **Brain Res** 1985 Jul 8; 338(1):177-80

Possible target neurons of 5-hydroxytryptamine fibers in the lamprey spinal cord: immunohistochemistry combined with intracellular staining with Lucifer yellow. Van Dongen PA, et al. **J Comp Neurol** 1985 Apr 22;234(4):523-35

Immunohistochemical demonstration of some putative neurotransmitters in the lamprey spinal cord and spinal ganglia: 5-hydroxytryptamine-, tachykinin-, and neuropeptide-Y-immunoreactive neurons and fibers. Van Dongen PA, et al. **J Comp Neurol** 1985 Apr 22; 234(4):501-22

Gill Na+/H+ and Cl-/HCO3- exchange systems evolved before the vertebrates entered fresh water. Evans DH. **J Exp Biol** 1984 Nov;113:465-9

Lattice parameters as revealed by electron microscopy and a comparison between lipoprotein crystals from cyclostome eggs formed in vivo and in vitro. Lange RH. **J Mol Biol** 1984 Nov 15;179(4):765-8

A new family member for gonadotropin-releasing hormone. Sherwood NM, et al. **Neuropeptides** 1985 Jun;6(3):205-14

Distribution of serotonergic neurons and processes in the lamprey spinal cord. Harris-Warrick RM, et al. **Neuroscience** 1985 Apr;14(4):1127-40

PHYSIOLOGY

Dynamics of glomerular filtration in the river lamprey, Lampetra fluviatilis L. McVicar AJ, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F132-8

N-Methyl-D-aspartate (NMDA), kainate and quisqualate receptors and the generation of fictive locomotion in the lamprey spinal cord. Brodin L, et al. **Brain Res** 1985 Jan 28;325(1-2):302-6

Activation of NMDA receptors elicits fictive locomotion and bistable membrane properties in the lamprey spinal cord. Sigvardt KA, et al. **Brain Res** 1985 Jun 17;336(2):390-5

The effect of catecholamines on branchial and cardiac electrical recordings in adult lampreys (Geotria australis). Macey DJ, et al. **Comp Biochem Physiol [C]** 1984; 79(2):295-300

Immunocytochemical study of growth hormone, prolactin, and thyroid-stimulating hormone in the adenohypophysis of the sea lamprey, Petromyzon marinus L., during its upstream migration. Wright GM. **Gen Comp Endocrinol** 1984 Aug;55(2):269-74

Calcium spike and calcium-dependent potassium conductance in mechanosensory neurons of the lamprey. Leonard JP, et al. **J Neurophysiol** 1985 Jan;53(1):171-82

White noise analysis of cable properties of neuroblastoma cells and lamprey central neurons. Moore LE, et al. **J Neurophysiol** 1985 Mar;53(3):636-51

Physiological properties of lateral line receptors of the lamprey. Akoev GN, et al. **Neurosci Lett** 1984 Aug 24; 49(1-2):171-3

Regeneration of functional synapses between individual recognizable neurons in the lamprey spinal cord. Mackler SA, et al. **Science** 1985 Aug 23;229(4715):774-6

[Interaction between primary segmental afferents and motor neurons in the spinal cord of the lamprey] Shapovalov AI, et al. **Fiziol Zh SSSR** 1984 Aug;70(8):1178-88 (Eng. Abstr.) **(Rus)**

CYCLOTHYMIC DISORDER see under **AFFECTIVE DISORDERS**

CYCLOTRONS see **PARTICLE ACCELERATORS**

CYLINDROMA

Bronchial carcinoids. Review of 124 cases. McCaughan BC, et al. **J Thorac Cardiovasc Surg** 1985 Jan;89(1):8-17

DIAGNOSIS

Primary low malignancy tracheobronchial tumor. Sun CF, et al. **Chin Med J [Engl]** 1985 Mar;98(3):203-5

Adenoid cystic carcinoma of the orbit diagnosed by means of aspirative cytology. Malberger E, et al. **Ophthalmologica** 1985;190(2):125-7

[Coexistence of lung cancer with other malignant neoplasms] Michalski A, et al. **Pneumonol Pol** 1985 Mar;53(3):137-42 (Eng. Abstr.) **(Pol)**

DRUG THERAPY

Tumores rari et inusitati. Adenoid cystic carcinoma of the oesophagus: report of a case not responding to combination chemotherapy. Wobbes T, et al. **Clin Oncol** 1984 Sep; 10(3):261-6

ETIOLOGY

Adenoid cystic carcinoma of the nasopharynx after previous adenoid irradiation. Sofferman RA, et al. **Laryngoscope** 1985 Apr;95(4):458-61

FAMILIAL & GENETIC

Basement membrane components and keratin in the dominantly inherited form of cylindroma. Oikarinen A, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):121-5

METABOLISM

Prolactin binding in minor salivary gland tumors. Abbey LM, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):44-9

MORTALITY

The prognosis of specific types of salivary gland tumors. Hickman RE, et al. **Cancer** 1984 Oct 15;54(8):1620-4

PATHOLOGY

Pulmonary oncocytoma. Report of a case with cytologic, histologic and electron microscopic study. Cwierzyk TA, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):620-3

Adenoid cystic carcinoma arising in a pleomorphic adenoma of the parotid gland. An aspiration cytology and ultrastructural study. Geisinger KR, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):522-6

Adenoid cystic carcinoma of the supraglottic larynx: report of a case and review of the literature. Stillwagon GB, et al. **Am J Otolaryngol** 1985 Jul-Aug;6(4):309-14

Benign dermal cylindroma of the external auditory canal: a clinicopathological report. Wolf BA, et al. **Am J Otolaryngol** 1985 Jan-Feb;6(1):35-8

Adenoid cystic carcinoma of the nasopharynx. Case reports and literature review. Lee DJ, et al. **Ann Otol Rhinol Laryngol** 1985 May-Jun;94(3):269-72

Primary adenoid cystic carcinoma of the skin [letter] Boggio RR. **Arch Pathol Lab Med** 1985 Aug;109(8):707

Adenoid cystic carcinoma of the parotid gland. Cassidy M, et al. **Br Dent J** 1984 Aug 25;157(4):136-7

Adenoid cystic carcinoma: an unusual neurosurgical entity. Dolan EJ, et al. **Can J Neurol Sci** 1985 Feb;12(1):65-8

Glandular tumors of the external auditory canal. Tanaka T, et al. **Hiroshima J Med Sci** 1984 Mar;33(1):17-22

Malignant bronchial oncocytoma: case report and review of the literature. Nielsen AL. **Hum Pathol** 1985 Aug; 16(8):852-4

Metamorphosis of dermal cylindroma: possible relation to malignant transformation. Case report of cutaneous cylindroma with direct intracranial invasion. Urbanski SJ, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):188-95

Dermal cylindromas (turban tumour) and eccrine spiradenomas in a patient with membranous basal cell adenoma of the parotid gland. Ferrándiz C, et al. **J Cutan Pathol** 1985 Feb;12(1):72-9

Adenoid cystic pattern in uterine cervical carcinoma: report of three cases. Gonzalez S. **J Miss State Med Assoc** 1984 Aug;25(8):207-9

Bronchial carcinoid arising in intralobar bronchopulmonary sequestration with vascular supply from the left gastric artery. Case report. Juettner FM, et al. **J Thorac Cardiovasc Surg** 1985 Jul;90(1):25-8

Small cell lung cancers contain intermediate filaments of the cytokeratin type. Broers J, et al. **Lab Invest** 1985 Jan; 52(1):113-5

Adenoid cystic and adenoid basal carcinomas of the cervix. van Dinh T, et al. **Obstet Gynecol** 1985 May;65(5):705-9

A clinicopathologic study of primary adenoid cystic carcinoma of the lacrimal gland. Lee DA, et al. **Ophthalmology** 1985 Jan;92(1):128-34

Adenoid cystic carcinoma of the upper lip. Pizer ME, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):70-3

Reflections on the management of adenoid cystic carcinoma of the nasal cavity and paranasal sinuses. Howard DJ, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):338-41

Oncocytic carcinoid of the nasal cavity and carcinoid of the lung in a child. Siwersson U, et al. **Pathol Res Pract** 1984 Jul;178(6):562-9

Adenoid cystic carcinoma of prostate. Report of a case. Chan SS, et al. **Pathology** 1984 Jul;16(3):337-8

Immunohistochemical and ultrastructural analysis of bronchopulmonary neuroendocrine neoplasms. II. Well-differentiated neuroendocrine carcinomas. Warren WH, et al. **Ultrastruct Pathol** 1984;7(2-3):185-99

[Adenoid cystic carcinoma of the respiratory tract. 44 cases] Li TS. **Chung Hua Chung Liu Tsa Chih** 1984 Sep;6(5):392-3 (Eng. Abstr.) **(Chi)**

[Adenoid cystic carcinoma of the salivary gland: a clinicopathologic study of 225 cases] Cheng J. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Jan;20(1):15-8, 63 (Eng. Abstr.) **(Chi)**

[Clinico-pathologic study of 184 cases of minor salivary gland tumor] Ma DQ, et al. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):81-3, 126 (Eng. Abstr.) **(Chi)**

[Development and neoplastic progression of benign and malignant cutaneous cylindroma] Pierard-Franchimont C, et al. **Ann Dermatol Venereol** 1984;111(12):1093-8 (Eng. Abstr.) **(Fre)**

[Cylindroma on a pleomorphic adenoma. Apropos of 2 case reports] Brocheriou C, et al. **Rev Stomatol Chir Maxillofac** 1985;86(1):36-40 (Eng. Abstr.) **(Fre)**

[Ossifying bronchial carcinoid in childhood. Report of a clinical case] Bürrig KF, et al. **Pathologe** 1985 Mar; 6(2):96-100 **(Ger)**

[Malignant transformation of cutaneous cylindromas. 2 case reports and a review of the literature] Beideck M, et al. **Z Hautkr** 1985 Jan;60(1-2):73-8 (Eng. Abstr.) **(Ger)**

[Adenoid cystic carcinoma of the trachea] Balázs M, et al. **Orv Hetil** 1985 Jan 27;126(4):211-4 (Eng. Abstr.) **(Hun)**

[Multiple trichoepithelioma, cylindroma, eccrine spiradenoma present in the same family. Histologic and histopathogenetic considerations] Cecchi R, et al. **G Ital Dermatol Venereol** 1985 Mar-Apr;120(2):149-52 (Eng. Abstr.) **(Ita)**

[Rare tumor of the external auditory canal. Ceruminoma] Buruiană M, et al. **Rev Chir [Otorinolaringol]** 1985 Jan-Mar; 30(1):51-5 (Eng. Abstr.) **(Rum)**

RADIOGRAPHY

Computerized tomography of combined carcinomas arising in pleomorphic adenoma. Farman AG, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):96-101

SECONDARY

Fine needle aspiration of adenoid cystic carcinoma metastatic to the lung. Cytologic features and differential diagnosis. Anderson RJ, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug 29(4):527-32

Adenoid cystic carcinoma metastatic to the lung. Report of a case diagnosed by fine needle aspiration biopsy cytology. Smith RC, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug; 29(4):533-4

Salivary adenoid cystic carcinoma. Features of an intra-abdominal metastasis. Fung PC. **Clin Nucl Med** 1985 Jul;10(7):488-90

Metastatic cutaneous carcinoid. Archer CB, et al. **J Am Acad Dermatol** 1985 Aug;13(2 Pt 2):363-6

Intracranial perineural metastasis of adenoid cystic carcinoma of head and neck. Lee YY, et al. **J Comput Tomogr** 1985 Jul;9(3):219-23

Adenoid cystic carcinoma of the vulva with lung metastases. A case report. Chapman GW Jr, et al. **J Reprod Med** 1985 Mar;30(3):217-20

Solitary renal metastasis 23 years after extirpation of a bronchial adenoid cystic carcinoma. Ladefoged C, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):245-8

[A case of adenoid cystic carcinoma in the paranasal sinuses with 8-year survival after pulmonary metastasis—clinicopathological reference to 6 non-squamous cell carcinoma cases in the paranasal sinuses] Koike S, et al. **Gan No Rinsho** 1985 May;31(5):552-8 (Eng. Abstr.) (Jpn)

SURGERY

Experience with primary neoplasms of the trachea and carina. Pearson FG, et al. **J Thorac Cardiovasc Surg** 1984 Oct; 88(4):511-8

Resection of upper aerodigestive tract tumors involving the middle cranial fossa. Close LG, et al. **Laryngoscope** 1985 Aug;95(8):908-14

Adenoid cystic carcinoma of the head and neck: a clinical study of 37 cases. Dal Maso M, et al. **Laryngoscope** 1985 Feb;95(2):177-81

Adenoid cystic carcinoma of major and minor salivary gland origin. Matsuba HM, et al. **Laryngoscope** 1984 Oct; 94(10):1316-8

[Tumors of the accessory salivary glands] Bourdon C, et al. **Acta Stomatol Belg** 1984 Dec;81(4):257-71 (Fre)

[Cylindroma of the breast] Clotteau JE, et al. **Chirurgie** 1983; 109(9):749-53 (Eng. Abstr.) (Fre)

[Skin flap in tracheobronchial reconstructive surgery] Engelmann C. **Zentralbl Chir** 1985;110(14):889-96 (Ger)

[A case of carinal resection for adenoid cystic carcinoma of the right main bronchus followed by primary reconstruction] Ishida I, et al. **Kyobu Geka** 1984 Jul; 37(7):559-62 (Eng. Abstr.) (Jpn)

THERAPY

Facial nerve damage in the treatment of tumours of the parotid gland. Rampling R, et al. **Clin Oncol** 1984 Dec; 10(4):345-51

Adenoid cystic carcinoma of the upper digestive and respiratory tracts. A retrospective study of 59 cases. van der Schans EJ, et al. **Clin Otolaryngol** 1985 Apr;10(2):63-7

ULTRASTRUCTURE

Ultrastructural similarities of adenoid cystic carcinoma and pleomorphic adenoma. Orenstein JM, et al. **Histopathology** 1985 Jun;9(6):623-38

Oncocytic carcinoid of the lung. Ghadially FN, et al. **J Submicrosc Cytol** 1985 Jul;17(3):435-42

Coexpression of neuroendocrine markers and epithelial cytoskeletal proteins in bronchopulmonary neuroendocrine neoplasms. Blobel GA, et al. **Lab Invest** 1985 Jan; 52(1):39-51

CYMARIGENIN see **STROPHANTHIDIN**

CYMARINE see under **STROPHANTHINS**

CYNARIN see under **CINNAMATES**

CYPRINIDAE

Acute renal failure after eating raw fish gall bladder. Chan DW, et al. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):897

Viral diseases of fish: first report of carp pox in golden ide (Leuciscus idus) in North America. McAllister PE, et al. **J Wildl Dis** 1985 Jul;21(3):199-204

The effect on gastrointestinal motility after ingestion of raw bile of grass carp (Ctenopharyngodon idellus) in the conscious rats. Chen CF. **Proc Natl Sci Counc Repub China [B]** 1984 Jan;8(1):78-82

Polycystic kidney disease in goldfish (Carassius auratus) from Hamilton Harbour, Lake Ontario, Canada. Munkittrick KR, et al. **Vet Pathol** 1985 May;22(3):232-7

[Chemical studies of the death of fishes, using gas chromatography/mass spectrometry] Wolf M, et al. **DTW** 1985 May 7;92(5):174-8 (Eng. Abstr.) (Ger)

[Diseases of fresh-water fish as an impairment of fish for human consumption] Schlotfeldt HJ. **Tierarztl Prax** 1984; 12(2):263-8 (Ger)

[Contribution to the x-ray diagnosis in fishes with special reference to the finest fish-bone structures] Zedler W, et al. **Tierarztl Prax** 1985;Suppl 1:188-94 (Eng. Abstr.) (Ger)

ANATOMY & HISTOLOGY

The structure of the kidney from the freshwater teleost Carassius auratus. Sakai T. **Anat Embryol (Berl)** 1985; 171(1):31-9

Telencephalic terminals in the major retinal synaptic lamina of the goldfish optic tectum. Airhart MJ, et al. **Brain Res** 1985 Jun 17;336(2):363-7

Retinal origin of the fasciculus medialis tractus optici in adult goldfish. Fraley SM, et al. **Brain Res** 1985 Jul 1; 337(2):392-5

Ganglion cells of the terminal nerve: morphology and electrophysiology. Fujita I, et al. **Brain Res** 1985 May 27; 335(1):148-52

Peripheral and central distribution of major branches of the facial taste nerve in the carp. Kiyohara S, et al. **Brain Res** 1985 Jan 28;325(1-2):57-69

Selective innervation of the goldfish suprachiasmatic nucleus by ventral retinal ganglion cell axons. Springer AD, et al. **Brain Res** 1984 Dec 10;323(2):293-6

Two types of pyriform Ab amacrine cells in the goldfish retina: an EM analysis of [3H]GABA uptake and somatostatin-like immunoreactivity. Yazulla S, et al. **Brain Res** 1984 Nov 12;321(2):352-6

Ultrastructural immunocytochemistry of gonadotrophs in the goldfish pituitary gland. Kaneko T, et al. **Cell Tissue Res** 1985;239(2):337-42

The hypothalamo-hypophysial system of the wild carp, Cyprinus carpio L. I. Structure and ultrastructure of the posterior neurohypophysis. Polenov AL, et al. **Cell Tissue Res** 1984;237(1):139-47

Immunohistochemical localization of (neuro)peptide hormones in endocrine cells and nerves of the gut of a stomachless teleost fish, Barbus conchonius (Cyprinidae). Rombout JH, et al. **Cell Tissue Res** 1984;237(1):57-65

Adenohypophysial cell types in an Indian freshwater major carp, Catla catla (Hamilton). Mandal S, et al. **Gegenbaurs Morphol Jahrb** 1985;131(1):81-92

Cytoarchitecture of the corpuscles of Stannius in hillstream teleosts, Barilius bendelisis (Ham.) and Garra gotyla (Gray). Punetha JC, et al. **Gegenbaurs Morphol Jahrb** 1985; 131(1):73-9

Connections of the auditory midbrain in a teleost fish, Cyprinus carpio. Echteler SM. **J Comp Neurol** 1984 Dec 20;230(4):536-51

Optic axons ignore foreign denervated sites in goldfish tectum even after removal of some of their normal termination sites. Marotte LR. **J Comp Neurol** 1984 Dec 10; 230(3):426-36

Rules for retinotectal terminal arborizations in the goldfish optic tectum: a whole-mount study. Stuermer CA. **J Comp Neurol** 1984 Oct 20;229(2):214-32

The axon reaction of the goldfish mauthner cell and factors that influence its morphological variability. Zottoli SJ, et al. **J Comp Neurol** 1984 Dec 20;230(4):497-516

A bifurcate axon of horizontal cells in the carp retina. Teranishi T, et al. **Neurosci Lett** 1985 Jan 7;53(1):33-7

BLOOD

Structure-activity relationships of mammalian, chicken, and salmon gonadotropin releasing hormones in vivo in goldfish. Peter RE, et al. **Gen Comp Endocrinol** 1985 May; 58(2):231-42

Seasonal effects of pimozide and des Gly10 [D-Ala6] LH-RH ethylamide on gonadotrophin secretion in goldfish. Sokolowska M, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):472-9

Microspectrophotometric and scanning microphotometric studies of carp (Cyprinus carpio L.) erythrocytes. Schindler JF, et al. **Histochemistry** 1985;82(5):483-9

Proton nuclear magnetic resonance investigation of the allosteric transition in ligated and unligated carp hemoglobin. Evidence for structural heterogeneity in the heme pocket. La Mar GN, et al. **J Mol Biol** 1984 Oct 5; 178(4):929-39

Influences of catecholamines on growth hormone release in female goldfish, Carassius auratus. Chang JP, et al. **Neuroendocrinology** 1985 Jun;40(6):463-70

[Comparative characteristics of the sex steroid content in the blood plasma of the big-mouthed buffalo, silver carp and channel catfish during reproduction] Godovich PL, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):70-5 (Eng. Abstr.) (Rus)

GENETICS

Aberrant gene expression at the creatine kinase loci during Barbus hybrid development (Cypriniformes, Teleostei). Frankel JS, et al. **Comp Biochem Physiol [B]** 1985; 80(3):463-6

Genome size variation among north american minnows (Cyprinidae). I. Distribution of the variation in five species. Gold JR, et al. **Heredity (Edinburgh)** 1985 Jun;54 (Pt 3):297-305

Cloning, physical mapping and genome organization of mitochondrial DNA from Cyprinus carpio oocytes. Araya A, et al. **MGG** 1984;196(1):43-52

Nuclear transplantation in teleosts. Hybrid fish from the nucleus of crucian and the cytoplasm of carp. Yan SY, et al. **Sci Sin [B]** 1984 Oct;27(10):1029-34

GROWTH & DEVELOPMENT

Retinal growth in carp of the same age: density and number of dopamine neurons. Negishi K, et al. **Brain Res** 1985 Feb; 350(1-2):125-31

Growth rate of a peripheral annulus defined by neurotoxic destruction in the goldfish retina. Negishi K, et al. **Brain Res** 1985 Jun;352(2):291-5

Development of the axon cap neuropil of the Mauthner cell in the goldfish. Ito R, et al. **Cell Tissue Res** 1984; 237(1):49-55

IMMUNOLOGY

Fish lymphokines: the production of growth factors in supernatants of mitogen-stimulated pronephros cells of carp (Cyprinus carpio). Grondel JL, et al. **Cell Biol Int Rep** 1985 Jun;9(6):519

Surface markers of male germ cells in early development of carp (Cyprinus carpio L.) and the blood-testis barrier in fish. A study with monoclonal antibodies and horseradish peroxidase (HRP). Timmermans LP, et al. **Cell Biol Int Rep** 1985 Jun;9(6):518

The mixed leukocyte reaction (MLR) in carp: bidirectional and undirectional MLR responses. Caspi RR, et al. **Dev Comp Immunol** 1984 Summer;8(3):631-7

Humoral response and memory formation in carp after injection of Aeromonas hydrophila bacterin. Lamers CH, et al. **Dev Comp Immunol** 1985 Winter;9(1):65-75

Specific activity of carp antisera against beta 2-microglobulin (beta 2m) and evidence for a beta 2m homologue in carp (Cyprinus carpio). Shalev A, et al. **Dev Comp Immunol** 1984 Summer;8(3):639-48

Structural and functional analysis of spontaneous anti-nitrophenyl antibodies in three cyprinid fish species: carp (Cyrinus carpio), goldfish (Carassius auratus) and tench (Tinca tinca). Vilain C, et al. **Dev Comp Immunol** 1984 Summer;8(3):611-22

[A further confirmation of the high idiotypic specificity of carp anti-human myeloma protein sera] Richter RF, et al. **Allerg Immunol (Leipz)** 1984;30(4):237-41 (Eng. Abstr.) (Ger)

METABOLISM

Spontaneous conversion of carp liver AcPase I and some properties of its asialo-form. Kubicz A. **Acta Physiol Pol** 1984 May-Jun;35(3):277-83

Occurrence of N-acylethanolamine phospholipids in fish brain and spinal cord. Natarajan V, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):426-33

Multiple receptor types for amino acids in the carp olfactory cells revealed by quantitative cross-adaptation method. Ohno T, et al. **Brain Res** 1984 Sep 17;310(1):13-21

Carbaryl inhibition of interferon synthesis in cultured goldfish cells. Shea TB. **Bull Environ Contam Toxicol** 1985 Jan; 34(1):109-13

Uptake and transport of ferritin in the epithelium of carp (Cyprinus carpio L.) and the possible immunological implications. Rombout JH, et al. **Cell Biol Int Rep** 1985 Jun;9(6):516

Immunocytochemical identification of CRF-like and SRIF-like peptides in the brain and the pituitary of cyprinid fish. Olivereau M, et al. **Cell Tissue Res** 1984;237(2):379-82

A technique for the determination of the available oxygen in living carp (Cyprinus carpio) muscle. Lucchiari PH, et al. **Comp Biochem Physiol [A]** 1984;78(4):675-9

The energetic cost of the fever response in three species of ectothermic vertebrates. Muchlinski AE. **Comp Biochem Physiol [A]** 1985;81(3):577-9

In vitro absorption of inorganic phosphate and other electrolytes in the carp intestine. Nakamura Y. **Comp Biochem Physiol [A]** 1985;80(1):17-20

Accumulation of pollutants in fish. Gluth G, et al. **Comp Biochem Physiol [C]** 1985;81(2):273-7

Membrane lipid environment of carp brain and liver mitochondrial monoamine oxidase. Kinemuchi H, et al. **Comp Biochem Physiol [C]** 1985;80(2):245-52

Temperature regulation of ovarian steroid production in the common carp, Cyprinus carpio L., in vivo and in vitro. Manning NJ, et al. **Gen Comp Endocrinol** 1984 Dec; 56(3):376-88

The endocrine activity of isolated follicular cells of the carp ovary in primary culture. Stokłosowa S, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):386-93

Free extracellular [Ca2+] at photoreceptor level equals that in vitreous in frog and carp eyes. Kaila K, et al. **Invest Ophthalmol Vis Sci** 1984 Dec;25(12):1395-401

Synaptic organization of substance P-like immunoreactive amacrine cells in goldfish retina. Yazulla S, et al. **J Comp Neurol** 1985 Jan 8;231(2):232-8

Phylogenetic survey of proteins related to synapsin I and biochemical analysis of four such proteins from fish brain. Goelz SE, et al. **J Neurochem** 1985 Jul;45(1):63-72

Changes in protein content of goldfish optic nerve during degeneration and regeneration following nerve crush. Perry GW, et al. **J Neurochem** 1985 Apr;44(4):1142-51

Immunoblot identification of 13.5 kilodalton myelin basic protein in goldfish brain myelin. Roots BI, et al. **J Neurochem** 1984 Nov;43(5):1421-4

The release of gamma-aminobutyric acid from horizontal cells of the goldfish (Carassius auratus) retina. Ayoub GS, et al. **J Physiol (Lond)** 1984 Oct;355:191-214

Bioconcentration potential of polydimethylsiloxane (PDMS) fluids by fish. Watanabe N, et al. **Sci Total Environ** 1984 Sep;38:167-72

Histochemical study of caudal neurosecretory system of a fresh water cyprinoid teleost, Oxygaster bucaila (Ham.). Joshi PK, et al. **Z Mikrosk Anat Forsch** 1984;98(4):637-9

[Transport of benzo(a)pyrene into animal organs following the feeding of activated sludge from swine manure] Fiebig HJ, et al. **Arch Tierernahr** 1984 Oct;34(10):731-7 (Eng. Abstr.) (Ger)

[Changes in the electrolyte composition of the blood and muscles in carp infection with Ichthyophthirius multifiliis (Ciliata, Ophryoglenidae)] Limanskiĭ VV, et al. **Parazitologiia** 1984 Nov-Dec;18(6):479-81 (Eng. Abstr.) (Rus)

PARASITOLOGY

Scanning electron microscope study of mature and immature worms of a Sanguinicola sp. (Digenea: Sanguinicolidae). Simon-Martin F, et al. **Ann Parasitol Hum Comp** 1984; 59(4):353-60

[Mitraspora cyprini Fujita, 1912 (Protozoa Myxosporea

Bütschli, 1881) in the kidneys of carp from Lower Saxony pond farms] Körting W, et al. **Berl Munch Tierarztl Wochenschr** 1985 Feb 1;98(2):63–4 (Eng. Abstr.) **(Ger)**

[Myxosporidia infections of the kidney of carp (Cyprinus carpio L.) from Lower Saxony pond farms] Körting W, et al. **Berl Munch Tierarztl Wochenschr** 1984 Jul 1; 97(7):255–9 (Eng. Abstr.) **(Ger)**

[Acid phosphatase activity in homogenates of tapeworms Khawia sinensis (Hsü, 1935) and Bothriocephalus gowkongensis (Yen, 1955)] Jara Z, et al. **Wiad Parazytol** 1984;30(2):197–205 (Eng. Abstr.) **(Pol)**

[Acid phosphatase activity in the internal organs of carp (Cyprinus carpio L.) infected with tapeworm Khawia sinensis (Hsü, 1935) and Bothriocephalus gowkongensis (Yeh, 1955)] Jara Z, et al. **Wiad Parazytol** 1984;30(2):207–21 (Eng. Abstr.) **(Pol)**

[Aspartate and alanine aminotransferase activity in homogenates of tapeworms Bothriocephalus gowkongensis Yeh, 1955 and Khavia sinensis Hsü, 1935] Lozińska-Gabska M. **Wiad Parazytol** 1984;30(2):183–96 (Eng. Abstr.) **(Pol)**

[Role of feral fishes in the transmission of parasitic infections among breeding fishes] Pastuszko J, et al. **Wiad Parazytol** 1984;30(2):223–7 (Eng. Abstr.) **(Pol)**

[Development of the trypanosomes (Trypanosoma) and cryptobians (Cryptobia) of carp and tench in the leech Piscicola geometra] Khaĭbulaev KKh, et al. **Parazitologiia** 1985 Jan–Feb;19(1):75–7 (Eng. Abstr.) **(Rus)**

[Adaptibility of Diplostomum cercariae in carp and the effect of a prior infestation] Razmashkin DA. **Parazitologiia** 1985 Jan–Feb;19(1):44–8 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Activation of hypothalamo-hypophysial-interrenal system by urophysectomy in goldfish. Woo NY, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R197–201

Vagotomy induced changes in acetyl cholinesterase staining and substance P-like immunoreactivity in the gustatory lobes of goldfish. Finger TE. **Anat Embryol (Berl)** 1984; 170(3):257–64

Temporal changes in mitral cell response patterns during repeated odor exposure. Schild D. **Arch Ital Biol** 1985 Feb; 123(1):27–42

Visual recovery in goldfish following unilateral optic tectum ablation: evidence of competition between optic axons for tectal targets. Davis RE, et al. **Behav Brain Res** 1984 Sep; 13(3):287–91

Retinotectal synapses formed by ipsilaterally projecting fibers in the doubly innervated goldfish tectum. Airhart MJ, et al. **Brain Res** 1985 Jan 28;325(1–2):307–12

Selection of pathways by regenerating spinal cord fiber tracts. Bunt SM, et al. **Brain Res** 1984 Nov;318(2):307–11

Removal of optic tectum prolongs the cell body reaction to axotomy in goldfish retinal ganglion cells. Burmeister DW, et al. **Brain Res** 1985 Feb 18;327(1–2):45–51

Tonotopic organization in the midbrain of a teleost fish. Echteler SM. **Brain Res** 1985 Jul 15;338(2):387–91

A field-potential study of centripetal and centrifugal connections of the olfactory bulb in the carp, Cyprinus carpio (L). Fujita I, et al. **Brain Res** 1984 Oct 29; 321(1):33–44

The response of optic tract glia during regeneration of the goldfish visual system. I. Biosynthetic activity within different glial populations after transection of retinal ganglion cell axons. Giulian D, et al. **Brain Res** 1985 Jul 22;339(1):87–96

The response of optic tract glia during regeneration of the goldfish visual system. II. Tectal factors stimulate optic tract glia. Giulian D, et al. **Brain Res** 1985 Jul 22; 339(1):97–104

L-Glutamate depolarizes ON-OFF transient type of amacrine cells in the carp retina: an ionophoretic study. Kato S, et al. **Brain Res** 1985 Mar 11;329(1–2):390–4

Stages of axonal regeneration following optic nerve crush in goldfish: contrasting effects of conditioning nerve lesions and intraocular acetoxycycloheximide injections. McQuarrie IG. **Brain Res** 1985 May 6;333(2):247–53

Target dependent and independent stages in regeneration. Mizrachi Y, et al. **Brain Res** 1984 Nov 19;322(1):115–8

Rhythmic discharge of mitral cells in the carp olfactory bulb. Yamaguchi K, et al. **Brain Res** 1984 Nov 26;322(2):378–81

Evoked efflux of [3H]GABA from goldfish retina in the dark. Yazulla S. **Brain Res** 1985 Jan 28;325(1–2):171–80

Uptake and transport of intact macromolecules in the intestinal epithelium of carp (Cyprinus carpio L.) and the possible immunological implications. Rombout JH, et al. **Cell Tissue Res** 1985;239(3):519–30

Sodium-dependent absorption of inorganic phosphate by the carp intestine. Nakamura Y. **Comp Biochem Physiol [A]** 1985;80(3):437–9

A comparison of physiological changes in carp, Cyprinus carpio, induced by several pollutants at sublethal concentration--II. The dependency on the temperature. Gluth G, et al. **Comp Biochem Physiol [C]** 1984;79(1):39–45

A comparison of physiological changes in carp, Cyprinus carpio, induced by several pollutants at sublethal concentrations. I. The dependency on exposure time. Gluth G, et al. **Ecotoxicol Environ Safety** 1985 Apr;9(2):179–88

Learning and interocular transfer of visual discriminations by goldfish with retinotectal compression. Dunn-Meynell AA, et al. **Exp Neurol** 1985 Jun;88(3):696–713

Effect of temperature, 17 alpha-hydroxy-20 beta-dihydroprogesterone and prostaglandin F2 alpha on carp oocyte maturation and ovulation in vitro. Epler P, et al. **Gen Comp Endocrinol** 1985 May;58(2):192–201

Separation and partial characterization by high-performance liquid chromatography and radioimmunoassay of different forms of melanocyte-stimulating hormone from fish (Cyprinidae) neurointermediate lobes. Follénius E, et al. **Gen Comp Endocrinol** 1985 Feb;57(2):198–207

Diel variations in arginine vasotocin content of goldfish brain and pituitary: effects of photoperiod and pinealectomy. Hontela A, et al. **Gen Comp Endocrinol** 1985 Mar; 57(3):397–404

Elevations in gonadotrophin concentrations and milt volumes as a result of spawning behavior in the goldfish. Kyle AL, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):10–22

Involvement of gonadotrophin and steroid hormones in spermiation in the amago salmon, Oncorhynchus rhodurus, and goldfish, Carassius auratus. Ueda H, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):24–30

Astroglial-axonal interrelationship during regeneration of the optic nerve in goldfish. A freeze-fracture study. Wolburg H, et al. **J Hirnforsch** 1984;25(5):493–504

Localization of active sites along the myelinated goldfish Mauthner axon: morphological and pharmacological evidence for saltatory conduction. Funch PG, et al. **J Neurosci** 1984 Sep;4(9):2397–409

Ganglioside changes in the regenerating goldfish optic system: comparison with glycoproteins and phospholipids. Sbaschnig-Agler M, et al. **J Neurosci Res** 1984; 12(2–3):221–32

Antibodies to gangliosides inhibit goldfish optic nerve regeneration in vivo. Sparrow JR, et al. **J Neurosci Res** 1984;12(2–3):233–43

A voltage-clamp analysis of membrane currents in solitary bipolar cells dissociated from Carassius auratus. Kaneko A, et al. **J Physiol (Lond)** 1985 Jan;358:131–52

Effects of L-glutamate on the anomalous rectifier potassium current in horizontal cells of Carassius auratus retina. Kaneko A, et al. **J Physiol (Lond)** 1985 Jan;358:169–82

Permeability changes induced by L-glutamate in solitary retinal horizontal cells isolated from Carassius auratus. Tachibana M. **J Physiol (Lond)** 1985 Jan;358:153–67

The effects of temperature- and oxygen-acclimation on phospholipids of goldfish (Carassius auratus L.) brain microsomes. Chang MC, et al. **Neurochem Res** 1985 Mar; 10(3):355–75

A direct magnocellular-preopticospinal pathway in goldfish: implications for control of sex behavior. Demski LS, et al. **Neurosci Lett** 1985 Apr 19;55(3):283–8

Tetrodotoxin does not block the axonal transmission of S-potentials in goldfish retina. Djamgoz MB, et al. **Neurosci Lett** 1984 Aug 31;49(3):233–8

Evidence for a neurotransmitter role of aspartate and/or glutamate in the projection from the torus longitudinalis to the optic tectum of the goldfish. Poli A, et al. **Neuroscience** 1984 Aug;12(4):1157–65

Changes in tension generation and ATPase activity in skinned muscle fibres of the carp following temperature acclimation. Altringham JD, et al. **Pflugers Arch** 1985 Apr; 403(4):449–51

Temperature dependent attraction by goldfish to a chemical feeding cue presented alone and in combination with heated water. Jones KA. **Physiol Behav** 1984 Oct;33(4):509–15

Gill arch movements and the function of the dorsal gill arch muscles in the carp. Ballintijn CM, et al. **Respir Physiol** 1985 Apr;60(1):39–57

The respiratory function of gill filament muscles in the carp. Ballintijn CM. **Respir Physiol** 1985 Apr;60(1):59–74

The goldfish as a retinex animal. Ingle DJ. **Science** 1985 Feb 8;227(4687):651–4

Light transmittance by goldfish eyes of different sizes. Bassi CJ, et al. **Vision Res** 1984;24(10):1415–9

Ultraviolet photosensitivity in goldfish: an independent u.v. retinal mechanism. Hawryshyn CW, et al. **Vision Res** 1985; 25(1):11–20

Receptive field properties of the photopic luminosity horizontal cell of carp retina. Lipetz LE, et al. **Vision Res** 1984;24(12):1947–50

On spectral sensitivity in the goldfish. Evidence for neural interactions between different 'cone mechanisms'. Neumeyer C. **Vision Res** 1984;24(10):1223–31

Linear color opponency in carp retinal ganglion cells. van Dijk BW, et al. **Vision Res** 1984;24(12):1865–72

Latency of horizontal cell response in the carp retina. Yamada M, et al. **Vision Res** 1985;25(6):767–74

[Electrical characteristics of the epithelial tissue and cells of the carp and frog gallbladder] Iaremenko MS, et al. **Fiziol Zh SSSR** 1985 May;71(5):646–53 (Eng. Abstr.) **(Rus)**

[Synaptic action of vestibular nerve afferents on reticular neurons of the isolated medulla oblongata of the goldfish] Kozhanov VM, et al. **Neirofiziologiia** 1985;17(1):124–7 (Eng. Abstr.) **(Rus)**

[Synaptic mechanisms of the responses of olfactory bulb neurons of the carp to odorants] Potapov AA. **Neirofiziologiia** 1985;17(1):112–5 (Eng. Abstr.) **(Rus)**

[Behavior of fish in groups presented with an extrapolation problem] Ochinskaia EI. **Zh Vyssh Nerv Deiat** 1984 Nov–Dec;34(6):1116–21 (Eng. Abstr.) **(Rus)**

CYPROHEPTADINE

ANALOGS & DERIVATIVES

A comparison of antihistaminic and sedative effects of some H1-receptor antagonists. Hägermark O, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:155–6

[Antihistaminic therapy of chronic urticaria. Results of a multicenter study with azatadine and terfenadine] Neumann Y. **Fortschr Med** 1984 Oct 11;102(38):967–70 (Eng. Abstr.) **(Ger)**

ANALYSIS

Photoirradiation products of cyproheptadine and carbamazepine. Robson JK, et al. **J Pharm Pharmacol** 1984 Dec;36(12):843–4

BLOOD

High-performance liquid chromatographic method for quantification of cyproheptadine in serum or plasma. Novak EA, et al. **J Chromatogr** 1985 May 3;339(2):457–61

PHARMACODYNAMICS

Effects of single and repeated application of clonazepam and diazepam independently and in combination with cyproheptadine on apomorphine stereotypy in rats. Georgiev VP, et al. **Acta Physiol Pharmacol Bulg** 1984; 10(3):10–5

Effects of single and repeated application of clonazepam and diazepam combined with cyproheptadine on apomorphine stereotypy in rats. Georgiev VP, et al. **Agressologie** 1985 Jan;26(1):57–60

Recovery of schistosomula of Schistosoma mansoni from mouse skin: involvement of mast cells and vasoactive amines. Gerken SE, et al. **Braz J Med Biol Res** 1984; 17(3–4):301–7

The effect of cyproheptadine on insulin biosynthesis. Kikkawa R, et al. **Experientia** 1985 Jan 15;41(1):80–2

Concomitant suppression of plasma ACTH- and beta-endorphin-like immunoreactivity by cyproheptadine, naloxone, and somatostatin in the ectopic ACTH syndrome. Nakashima H, et al. **Horm Metab Res** 1985 Apr; 17(4):205–8

Cyproheptadine: a non-specific competitor of steroid hormone receptors. Reylon v, et al. **Indian J Exp Biol** 1984 May;22(5):284–5

The mechanism of action of cyproheptadine on prolactin release by cultured anterior pituitary cells. Lamberts SW, et al. **Life Sci** 1985 Jun 10;36(23):2257–62

Cyproheptadine stimulated prolactin release in the young turkey (Meleagris gallopavo). Fehrer SC, et al. **Poult Sci** 1985 May;64(5):1038–40

Effects of DOM and DMT in a proposed animal model of hallucinogenic activity. Adams LM, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985; 9(2):121–32

Influence of cyproheptadine on endotoxin-induced disseminated intravascular coagulation (DIC) in weaned pigs. Nowak G, et al. **Thromb Haemost** 1985 Apr 22; 53(2):252–4

[Oxygen consumption in nerve centers. Effect of cyproheptadine hydrochloride on normal and alcohol-treated rats] Menéndez-Abraham E, et al. **Rev Esp Fisiol** 1985 Mar;41(1):37–42 (Eng. Abstr.) **(Spa)**

POISONING

[Fatal poisoning with cyproheptadine] Bouju P, et al. **Cah Anesthesiol** 1985 Apr–May;33(3):265–9 **(Fre)**

THERAPEUTIC USE

Cyproheptadine-mediated inhibition of growth hormone and prolactin release from pituitary adenoma cells of acromegaly and gigantism in culture. Ishibashi M, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):474–80

Reversal of MAOI-induced anorgasmia with cyproheptadine [letter] Decastro RM. **Am J Psychiatry** 1985 Jun;142(6):783

Congenital bullous urticaria pigmentosa. Treatment with concomitant use of H1- and H2-receptor antagonists. Fenske NA, et al. **Arch Dermatol** 1985 Jan;121(1):115–8

Tardive dyskinesia and neurotransmitters: effects of sodium valproate, cyproheptadine, oxypertine, hydroxyzine pamoate and Ca-hopantenate on monoamine metabolites, cyclic nucleotides and gamma-aminobutyric acid in human cerebrospinal fluid. Ogawa T, et al. **Clin Ther** 1984;7 Spec No:1–17

Effects of bromocriptine and cyproheptadine on basal and corticotropin-releasing factor (CRF)-induced ACTH release in a patient with Nelson's syndrome. Hirata Y, et al. **Endocrinol Jpn** 1984 Oct;31(5):619–26

Comparison of cinnarizine, cyproheptadine, doxepin, and hydroxyzine in treatment of idiopathic cold urticaria: usefulness of doxepin. Neittaanmäki H, et al. **J Am Acad Dermatol** 1984 Sep;11(3):483–9

Cyproheptadine reduces or prevents ischemic central nervous system damage. Zivin JA. **Neurology** 1985 Apr;35(4):584–7

The importance of Peritol in paediatrics. Szórády I. **Ther Hung** 1982;30(1):30–4

[Dynamics of beta-lipotropin and beta-endorphin levels in Itsenko-Cushing disease patients being treated with the antiserotonin preparation cyproheptadine (peritol) and chloditan] Slavnov VN, et al. **Ter Arkh** 1984;56(9):119–22 (Eng. Abstr.) (Rus)

[Hermetization of sutures and serous membrane-lacking segments in operations on the intestines in children] Stepanov EA, et al. **Vestn Khir** 1985 May;134(5):136–7 (Rus)

CYPROTERONE

ADMINISTRATION & DOSAGE

Combined treatment with buserelin and cyproterone acetate in metastatic prostatic carcinoma [letter] Klign JG, et al. **Lancet** 1985 Aug 31;2(8453):493

ANALOGS & DERIVATIVES

Cyproterone acetate as initial treatment and maintenance therapy for hirsutism. Holdaway IM, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):522–9

Interactions of an anti-androgen (cyproterone acetate) with the androgen receptor system and its biological action in the rat ventral prostate. Huang JK, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):569–76

Lectin staining of rat testis and epididymis: effect of cyproterone acetate and testosterone. Arya M, et al. **Andrologia** 1985 May–Jun;17(3):301–10

On the site of action of the anti-adrenal steroidogenic effect of cyproterone acetate. Lambert A, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2091–5

The effects of cyproterone acetate and ethinyl oestradiol on carbohydrate metabolism. Seed M, et al. **Clin Endocrinol (Oxf)** 1984 Dec;21(6):689–99

Effects of cyproterone acetate on adrenal steroidogenesis in vitro. Pham-Huu-Trung MT, et al. **Horm Res** 1984;20(2):108–15

Treatment of idiopathic hirsute women with two combinations of cyproterone acetate. Salva P, et al. **Int J Clin Pharmacol Res** 1983;3(2):129–35

Studies on the role of the sex-hormone-binding globulin (SHBG) in prostatic gland hypertrophy in men. II. In vitro research. Pachman A. **Int Urol Nephrol** 1984;16(3):211–7

Gestagens in the management of prostatic carcinoma. Szendröi Z. **Int Urol Nephrol** 1984;16(4):327–35

15-Hydroxycyproterone acetate and cyproterone acetate levels in plasma and urine. Frith RG, et al. **J Chromatogr** 1985 Feb 27;338(1):179–86

Effect of flutamide or cyproterone acetate on pituitary and testicular hormones in normal men. Knuth UA, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):963–9

Permanent changes in the functional development of accessory sex organs and in fertility in male mice after neonatal exposure to cyproterone acetate. Jean-Faucher C, et al. **J Endocrinol** 1985 Jan;104(1):113–20

3H-cyproterone acetate: binding characteristics to human uterine progestagen receptors. Grill HJ, et al. **J Endocrinol Invest** 1985 Apr;8(2):135–41

Activation of PRL secretion by combined treatment with cyproterone acetate and ethinylestradiol. Valenti G, et al. **J Endocrinol Invest** 1985 Jun;8(3):269–72

Cyproterone acetate for treatment of hot flashes after orchiectomy [letter] Moon TD. **J Urol** 1985 Jul;134(1):155–6

Motor responses of cyproterone acetate-treated rat vas deferens to electrical field stimulation, noradrenaline and barium chloride. Raviprakash V, et al. **Pharmacology** 1985;30(5):296–300

Effects of antiandrogen treatment on the sexuality of women with hyperandrogenism. Appelt H, et al. **Psychother Psychosom** 1984;42(1–4):177–81

Plasma levels of levonorgestrel, gestodene, norethisterone and cyproterone acetate on single-dose subcutaneous administration in oily solution in the rat, beagle and rhesus monkey. Düsterberg B. **Steroids** 1984 Jan;43(1):43–56

[Serum testosterone determination in the antiandrogen therapy of sexual deviations with cyproterone acetate (preliminary report of experiences)] Glander HJ, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Oct;36(10):596–603 (Eng. Abstr.) (Ger)

[Effect of the antiandrogen cyproterone acetate on the behavior and mature testis of the male guinea pig (Cavia aperea procellus, Linné, 1758)] Heisler C. **Z Mikrosk Anat Forsch** 1984;98(3):443–50 (Eng. Abstr.) (Ger)

[Therapy of virginal prostatic cancer with cyproterone acetate] Maier U. **Z Urol Nephrol** 1985 Apr;78(4):181–7 (Eng. Abstr.) (Ger)

[Long-term follow-up in a case of precocious puberty caused by hamartoma of the hypothalamus treated with cyproterone acetate] Crosato F. **Minerva Pediatr** 1985 Feb 15;37(3):141–6 (Eng. Abstr.) (Ita)

[Different behavior of the rat vas deferens of castrated animals and those treated with cyproterone acetate] Hidalgo A, et al. **Rev Esp Fisiol** 1984 Jun;40(2):159–63 (Eng. Abstr.) (Spa)

PHARMACODYNAMICS

Somatostatin inhibits prolactin release from the lactotroph primed with oestrogen and cyproterone acetate in man. Gooren LJ, et al. **J Endocrinol** 1984 Dec;103(3):333–5

Androgen feedback-dependent and -independent control of photoinduced LH secretion in male tree sparrows (Spizella arborea). Wilson FE. **J Endocrinol** 1985 Apr;105(1):141–52

The effect of cyproterone and gonadotrophins on the adrenal gland of juvenile and adult rats. A morphological and morphometrical study. Städtler FA, et al. **Pathol Res Pract** 1985 Mar;179(4–5):493–8

THERAPEUTIC USE

The management of female hirsutism with the anti-androgen agent cyproterone. Kwok PC, et al. **Asia Oceania J Obstet Gynaecol** 1985 Jun;11(2):233–40

Cyproterone acetate in the treatment of metastatic cancer of the male breast. Lopez M. **Cancer** 1985 May 15;55(10):2334–6

The EORTC Phase III trials in prostatic cancer. Robinson MR, et al. **Prog Clin Biol Res** 1985;185A:243–9

[Current value of hormonotherapy in cancer of the prostate] Cilento A, et al. **Minerva Urol Nefrol** 1984 Oct–Dec;36(4):329–35 (Eng. Abstr.) (Ita)

CYSTADENOCARCINOMA

ANALYSIS

Oestrogen receptors in cystadenocarcinoma of the pancreas. Kune GA, et al. **Aust NZ J Surg** 1984 Aug;54(4):321–3

Detection of P-glycoprotein in ovarian cancer: a molecular marker associated with multidrug resistance. Bell DR, et al. **J Clin Oncol** 1985 Mar;3(3):311–5

BLOOD

Hyperamylasemia with papillary serous cystadenocarcinoma of the ovary. Hayakawa T, et al. **Cancer** 1984 Oct 15;54(8):1662–5

COMPLICATIONS

Urinary retention due to ovarian cyst. Kingsnorth AN. **Br J Urol** 1984 Aug;56(4):439–40

Co-existent chylous and serous pleural effusions associated with ovarian cancer: a case report of Contarini's syndrome. Lawton F, et al. **Eur J Surg Oncol** 1985 Jun;11(2):177–8

Zollinger-Ellison syndrome associated with pancreatic cystadenocarcinoma [letter] Margolis RM, et al. **N Engl J Med** 1984 Nov 22,311(21):1380–1

DIAGNOSIS

CT and US findings in pancreatic ductal tumours. A report of an unusual case and review of the literature. Erésué J, et al. **Eur J Radiol** 1985 Feb;5(1):40–2

Cystadenocarcinoma of the kidney: a profile of 13 cases. Reznicek SB, et al. **J Urol** 1985 Aug;134(2):256–9

Sonographic features of solid and papillary neoplasm of the pancreas. Lin JT, et al. **JCU** 1985 Jun;13(5):339–42

Amylase in serous ovarian neoplasms. Ramaswamy G, et al. **NY State J Med** 1985 Mar;85(3):113–5

[Serum lactic dehydrogenase assay in the diagnosis and therapeutic monitored of ovarian carcinoma] Mi RR. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Mar;20(2):81–4, 126 (Eng. Abstr.) (Chi)

[Echography and guided percutaneous biopsy in the diagnosis of cystic tumors of the pancreas. Apropos of 14 case reports] Fond A, et al. **J Belge Radiol** 1984;67(5):277–84 (Eng. Abstr.) (Fre)

[Cystadenoma and cystadenocarcinoma of the pancreas. Apropos of 7 new cases] Clot JP, et al. **J Chir (Paris)** 1985 Mar;122(3):145–50 (Eng. Abstr.) (Fre)

[Detection of hyperplasia and cancer of the endometrium] Erny R, et al. **Rev Fr Gynecol Obstet** 1984 Feb;79(2):91–6 (Eng. Abstr.) (Fre)

[Markers of carcinoma of the ovary: serum cystine aminopeptidase and leucine aminopeptidase, reliable diagnostic parameters?] Belgeri R, et al. **Ann Ostet Ginecol Med Perinat** 1984 Sep–Oct;105(5):325–30 (Eng. Abstr.) (Ita)

[Computed tomography and ultrasonic diagnosis of pseudomyxoma peritonei: report of a case] Itoh H, et al. **Rinsho Hoshasen** 1984 Aug;29(8):921–4 (Eng. Abstr.) (Jpn)

[Imaging diagnosis of biliary cystadenoma and cystadenocarcinoma] Kokubo T, et al. **Rinsho Hoshasen** 1985 May;30(5):549–54 (Eng. Abstr.) (Jpn)

DRUG THERAPY

[Selective intra-arterial administration of cis-diamminedichloroplatinum (CDDP) to metastatic tumors of ovarian cancer] Tateyama I, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Dec 20;19(10):2296–304 (Eng. Abstr.) (Jpn)

[Intrastitial chemotherapy of disseminated ovarian cancer] Blok MIa. **Vopr Onkol** 1985;31(3):101–3 (Rus)

ENZYMOLOGY

An amylase-producing serous cystadenocarcinoma of the ovary. Hodes ME, et al. **Oncology** 1985;42(4):242–7

[Hyperamylasemia in cystadenocarcinoma of the ovaries] Naess CE, et al. **Tidsskr Nor Laegeforen** 1984 Aug 20;104(23):1536–7 (Eng. Abstr.) (Nor)

FAMILIAL & GENETIC

Cytogenetic observations on two ovarian carcinomas with double minutes, one with a 6q- marker chromosome. Bullerdiek J, et al. **Cytobios** 1985;42(165):15–24

IMMUNOLOGY

Generation of monoclonal antibodies reacting with human epithelial ovarian cancer. Tagliabue E, et al. **Cancer Res** 1985 Jan;45(1):379–85

[Clinical significance of new tumor marker CA 125 in gynecological cancer—particularly usefulness in diagnosis of ovarian cancer] Kimura E, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Nov;36(11):2121–8 (Eng. Abstr.) (Jpn)

METABOLISM

Cystic fluid-platinum kinetics in ovarian cancer patients: relevance to cis-dichlorodiammine platinum (II) sensitivity testing in vitro. Shelley MD, et al. **Br J Cancer** 1985 Aug;52(2):275–7

Rapid distribution of adriamycin in the ascitic and pleural fluid of women with ovarian carcinomas. Lazo JS, et al. **Gynecol Oncol** 1985 May;21(1):65–72

MORTALITY

Long-term survival rates with various chemotherapeutic regimens in stages III and IV ovarian adenocarcinoma. The influence of optimum pretreatment surgical resection. Barlow JJ, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):310–4

Characterization and survival of patients with serous cystadenocarcinoma of the ovaries. Demopoulos RI, et al. **Obstet Gynecol** 1984 Oct;64(4):557–63

PATHOLOGY

Simultaneous occurrence of a granulosa cell tumour and a serous papillary cystadenocarcinoma in the same ovary. A case report. Bichel P. **Acta Pathol Microbiol Immunol Scand [A]** 1985 Jul;93(4):175–81

Serous cystadenocarcinoma as incidental finding during a repeat cesarean section. Ahram J, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):78–9

Combined morphologic and cytochemical grading of serous ovarian tumors. Erhardt K, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):356–61

Biliary cystadenocarcinoma arising in a congenital cyst. Devine P, et al. **Hum Pathol** 1985 Jan;16(1):92–4

Mucinous appendiceal tumors: clinical review. Stephenson JB, et al. **J Med Soc NJ** 1985 May;82(5):381–4

Cystadenocarcinoma of the pancreas [letter] Balkenende U. **Neth J Surg** 1984 Oct;36(5):144

A new human ovarian carcinoma cell line: establishment and analysis of tumor-associated markers. Horowitz AT, et al. **Oncology** 1985;42(5):332–7

Prevalence of primary papillary peritoneal neoplasia in patients with ovarian carcinoma. Lindeque BG, et al. **S Afr Med J** 1985 Jun 22;67(25):1005–7

[Unique papillary cystadenocarcinoma of the prostate with endocrine cells] Samsonov VA. **Arkh Patol** 1985;47(1):72–5 (Eng. Abstr.) (Rus)

[Characteristics of the dissemination process in patients with serous cystadenocarcinoma of the ovaries] Dzhilavian GA. **Vopr Onkol** 1984;30(8):83–6 (Eng. Abstr.) (Rus)

[Cancer of the ovary and pregnancy. A clinical case] Cabrera J, et al. **Rev Chil Obstet Ginecol** 1984;49(5):312–5 (Eng. Abstr.) (Spa)

[Retroperitoneal enteroid cystadenocarcinoma (possible intestinal origin)] Vara Thorbeck C, et al. **Rev Esp Enferm Apar Dig** 1984 Oct;66(4):329–34 (Eng. Abstr.) (Spa)

RADIOGRAPHY

A case of biliary cystadenocarcinoma with recurrent jaundice. Diagnostic evaluation of computed tomography. Kanamori H, et al. **Cancer** 1985 Jun 1;55(11):2722–4

The case of the cystic mass. Seaman WB. **Hosp Pract [Off]** 1985 Jul 15;20(7):32I–32J

RADIONUCLIDE IMAGING

Clinical implications for immunoscintigraphy in patients with ovarian malignancy: a preliminary study using monoclonal antibody 791T/36. Symonds EM, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):270–6

RADIOTHERAPY

Whole abdominal and pelvic irradiation in patients with minimal disease at second-look surgical reassessment for ovarian carcinoma. Hoskins WJ, et al. **Gynecol Oncol** 1985 Mar;20(3):271–80

SECONDARY

Multi-imaging demonstration of distant metastases from ovarian carcinoma. Kirsh JC, et al. **Clin Nucl Med** 1984 Sep;9(9):533–4

A metastatic ovarian tumor involving the dura: seen on myelography and CT. Newmark H 3d, et al. **Comput Radiol** 1985 Jan–Feb;9(1):21–3

Breast metastasis of ovarian cancer during cis-platinum therapy. A case report and review of the literature. Scotto V, et al. **Eur J Gynaecol Oncol** 1985;6(1):62–5

Colposcopic diagnosis of ovarian carcinoma spreading to cervix a case report. Singh P, et al. **Gynecol Oncol** 1985 May;21(1):124–32

Spontaneous intracranial hemorrhage in a patient with ovarian carcinoma. Sulkes A, et al. **Gynecol Oncol** 1985 Feb;20(2):204–8

SURGERY

Assessment of morbidity and mortality in primary cytoreductive surgery for advanced ovarian carcinoma. Chen SS, et al. **Gynecol Oncol** 1985 Feb;20(2):190–5

[Blood coagulation changes during surgical treatment of patients with ovarian cancer] Kudriavtseva LI, et al. **Akush Ginekol (Mosk)** 1984 Nov;(11):42–4 **(Rus)**

THERAPY

Second-look laparotomy after chemotherapy in the management of ovarian malignancy. Smirz LR, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):661–8

ULTRASTRUCTURE

Immunoelectronmicroscopic demonstration of surface tumor antigen Ca 125. Blaustein A. **Ultrastruct Pathol** 1984; 7(1):9–11

VETERINARY

Papillary cystadenocarcinoma in a zebra (Equus granti). Taniyama H, et al. **Vet Pathol** 1985 May;22(3):290–2

CYSTADENOMA

Cystadenoma of the seminal vesicle. A case report. Lundhus E, et al. **Scand J Urol Nephrol** 1984;18(4):341–2

ANALYSIS

Cyclical variations in ovarian neoplastic mucins. Nirmala V, et al. **Indian J Med Res** 1984 May;79:641–6

COMPLICATIONS

Biliary cystadenoma of the common bile duct with secondary biliary cirrhosis. Report of a case. Thomsen P, et al. **Acta Med Scand** 1984;216(3):327–30

Zollinger-Ellison syndrome due to a gastrin secreting ovarian mucinous cystadenoma. Case report. Morgan DR, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):867–9

Bilateral papillary cystadenoma of the epididymis as a component of von Hippel-Lindau's syndrome: report of a case presenting as infertility. de Souza Andrade J, et al. **J Urol** 1985 Feb;133(2):288–9

Bilateral clear cell papillary cystadenoma of the epididymides presenting as infertility: an early manifestation of von Hippel-Lindau's syndrome. Witten FR, et al. **J Urol** 1985 Jun;133(6):1062–4

[Hyperparathyroidism and large parathyroid cyst] Korhonen T, et al. **Duodecim** 1985;101(14):1380–2 (Eng. Abstr.) **(Fin)**

[Giant cystadenoma of the appendix] Varas MJ, et al. **Rev Esp Enferm Apar Dig** 1985 Feb;67(2):187–90 (Eng. Abstr.) **(Spa)**

CONGENITAL

Congenital papillated apocrine cystadenoma: a mixed form of hidrocystoma, hidradenoma papilliferum, and syringocystadenoma papilliferum. Schewach-Millet M, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 2):374–6

DIAGNOSIS

Raphe cyst or apocrine cystadenoma of the glans penis [letter] Grosshans EM. **Arch Dermatol** 1984 Oct; 120(10):1279–80

CT and US findings in pancreatic ductal tumours. A report of an unusual case and review of the literature. Erésué J, et al. **Eur J Radiol** 1985 Feb;5(1):40–2

Cystadenoma of the pancreas—an unusual presentation. Quayle AR, et al. **Eur J Surg Oncol** 1985 Mar;11(1):51–4

Sonography of epididymal cystadenoma. Dershaw DD. **Urol Radiol** 1985;7(2):119–20

[Mucinous cystadenoma of the pancreas: an entity not to be underrated. Review of the literature apropos of a case] Assens P, et al. **Ann Chir** 1985 Jun;39(5):317–21 (Eng. Abstr.) **(Fre)**

[Radiological case of the month. Mucous cystadenoma of the ovary] Le Luyer B, et al. **Arch Fr Pediatr** 1985 Apr; 42(4):315–6 **(Fre)**

[Echography and guided percutaneous biopsy in the diagnosis of cystic tumors of the pancreas. Apropos of 14 case reports] Fond A, et al. **J Belge Radiol** 1984;67(5):277–84 (Eng. Abstr.) **(Fre)**

[Cystadenoma and cystadenocarcinoma of the pancreas. Apropos of 7 new cases] Clot JP, et al. **J Chir (Paris)** 1985 Mar;122(3):145–50 (Eng. Abstr.) **(Fre)**

[Multilocular cystadenoma of the pancreas. An uncommon tumor in the child] Panuel M, et al. **J Radiol** 1984 Apr; 65(4):275–8 (Eng. Abstr.) **(Fre)**

[Detection of hyperplasia and cancer of the endometrium] Erny R, et al. **Rev Fr Gynecol Obstet** 1984 Feb;79(2):91–6 (Eng. Abstr.) **(Fre)**

[Biliary cystadenoma. Apropos of a case] Côté J. **Union Med Can** 1984 Jun;113(6):469 **(Fre)**

[Markers of carcinoma of the ovary: serum cystine aminopeptidase and leucine aminopeptidase, reliable diagnostic parameters?] Belgeri R, et al. **Ann Ostet Ginecol Med Perinat** 1984 Sep–Oct; 105(5):325–30 (Eng. Abstr.) **(Ita)**

[A case of biliary cystadenoma] Honda M, et al. **Rinsho Hoshasen** 1984 Sep;29(9):1017–20 (Eng. Abstr.) **(Jpn)**

[Imaging diagnosis of biliary cystadenoma and cystadenocarcinoma] Kokubo T, et al. **Rinsho Hoshasen** 1985 May;30(5):549–54 (Eng. Abstr.) **(Jpn)**

[Extragastric sarcomas of the stomach] Bashkov IuA. **Khirurgiia (Mosk)** 1985 Mar;(3):119–20 **(Rus)**

[Giant ovarian cystoma simulating ascites] Spasiuk MI, et al. **Vrach Delo** 1984 Nov;(11):74–5 **(Rus)**

[Ovarian tumors in childhood. Report of a case of giant cystoadenoma] Cruz y Hermida J. **An R Acad Nac Med (Madr)** 1984;101(2):185–204 **(Spa)**

DRUG THERAPY

Polychemotherapy in ovarian cancer: treatment with Adriamycin, BCNU and cyclophosphamide vs. Adriamycin and cyclophosphamide. Mazzei T, et al. **Chemioterapia** 1984 Feb;3(1):10–5

[Chemotherapy of a human pseudomyxoma peritonei transplanted in the nude mouse] Miyahara K. **Nippon Gan Chiryo Gakkai Shi** 1984 Jul 20;19(6):1296–306 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

Mucinous cystic neoplasm of the pancreas with high carcinoembryonic antigen. Yu HC, et al. **Arch Pathol Lab Med** 1985 Apr;109(4):375–7

Evidence of an antigen common to human intestine, endocervix and mucinous ovarian cysts present exclusively in ALeb patients. Bara J, et al. **Bull Cancer (Paris)** 1985; 72(2):104–7

PATHOLOGY

Papillary mucinous cystadenoma of probable renal pelvic origin in a horseshoe kidney. Ross DG, et al. **Arch Pathol Lab Med** 1985 Oct;109(10):954–5

Complete psammomatous degeneration of the ovary. Case report. Schneider J, et al. **Br J Obstet Gynaecol** 1985 Apr; 92(4):419–22

Mucinous tumors of the ovary. A clinicopathologic study of 70 cases. Chaitin BA, et al. **Cancer** 1985 May 1; 55(9):1958–62

Insular carcinoid of ovary associated with malignant mucinous tumors. Robboy SJ. **Cancer** 1984 Nov 15; 54(10):2273–6

Cystadenoma with mesenchymal stroma (CMS) in the liver and bile ducts. A clinicopathologic study of 17 cases, 4 with malignant change. Wheeler DA, et al. **Cancer** 1985 Sep 15;56(6):1434–45

Microcystic adenoma of the pancreas: a newly recognized benign lesion. Zamora JL, et al. **Curr Surg** 1984 Nov–Dec; 41(6):448–52

Apocrine cystadenoma arising in a nevus sebaceus of Jadassohn. Campbell JP, et al. **Cutis** 1984 Nov;34(5):510–2

Papillary adenoma of the nipple: analysis of fifteen new cases. Brownstein MH, et al. **J Am Acad Dermatol** 1985 Apr; 12(4):707–15

[Carcinoma of the appendix arising on the basis of a mucinous cystadenoma] Detky G. **Zentralbl Allg Pathol** 1985; 130(2):139–42 (Eng. Abstr.) **(Ger)**

[Serous borderline ovarian tumors] Zipprich K, et al. **Zentralbl Gynakol** 1985;107(3):159–68 (Eng. Abstr.) **(Ger)**

[A case of papillary cystadenoma of epididymis with chief complaint of male infertility] Sasagawa I, et al. **Hinyokika Kiyo** 1984 Oct;30(10):1489–96 (Eng. Abstr.) **(Jpn)**

[Serous cystadenoma ovarii permagnum] Lányi E, et al. **Cesk Gynekol** 1985 Jul;50(6):419–21 **(Slo)**

PHYSIOPATHOLOGY

[Coexistence of a giant ovarian tumor and full-term pregnancy] Mazurek W, et al. **Ginekol Pol** 1984 Apr; 55(4):293–4 (Eng. Abstr.) **(Pol)**

RADIOGRAPHY

Computed tomography of benign ovarian masses. Sawyer RW, et al. **J Comput Assist Tomogr** 1985 Jul–Aug; 9(4):784–9

RADIONUCLIDE IMAGING

131I uptake in a benign serous cystadenoma of the ovary. Kim EE, et al. **Eur J Nucl Med** 1984;9(9):433–5

SURGERY

[Giant pancreatic cystadenoma] Batvinkov NI, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):140 **(Rus)**

ULTRASTRUCTURE

Papillary cystadenoma of the epididymis. Greka HK, et al. **Br J Urol** 1985 Jun;57(3):356–7

VETERINARY

Renal papillary adenoma in a cotton-topped tamarin (Saguinus oedipus). Brack M. **Lab Anim** 1985 Apr; 19(2):132–3

Removal of growth from lioness's lip [letter] Cran HR. **Vet Rec** 1984 Oct 6;115(14):363–4

CYSTADENOMA LYMPHOMATOSUM, PAPILLARY see **ADENOLYMPHOMA**

CYSTAMINE

ADMINISTRATION & DOSAGE

Variation of Se, Zn, Co, Fe and Rb distribution in rats after injection with selenium or sulfur compounds. Czauderna M, et al. **Int J Appl Radiat Isot** 1984 Dec;35(12):1121–4

Histopathological study of local changes after intramuscular administration of cysteamine or its combination with mexamine in rats. Rešl M, et al. **Radiobiol Radiother (Berl)** 1984;25(4):571–8

[The efect of ionizing radiation and fasting on the excretion of o-iodobenzoic acid 125I and its conjugates in the urine of rats protected by radioprotective agents] Benešová-Pulpánová J, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(3):201–15 (Eng. Abstr.) **(Cze)**

ANALOGS & DERIVATIVES

Antagonism by the tetramine disulfide benextramine of the inhibitory effects mediated by prejunctional alpha 2-adrenoceptors and by postjunctional histamine H2 receptors in the mouse vas deferens. Vohra MM, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1147–51

N,N''-(dithio-2,1-ethanediyl)bis[N'-(pyrrol-2-ylmethyl)-1 6,- hexanediamine] (pyrextramine), a new irreversible alpha 1-adrenoreceptor blocking agent of the tetramine disulfide class. Brasili L, et al. **Eur J Pharmacol** 1984 Aug 3; 103(1–2):181–4

Recovery of alpha-adrenoreceptor mediated responses and binding site number after intravenous benextramine in the rabbit. Furnace G, et al. **J Auton Pharmacol** 1985 Mar; 5(1):13–7

The action and interaction of beta-phenethylamines and imidazolines on prejunctional alpha 2-adrenoceptors of guinea-pig ileum in the presence of the non-competitive antagonist benextramine. Mottram DR, et al. **J Pharm Pharmacol** 1984 Oct;36(10):668–72

Effects of the irreversible alpha-adrenoceptor antagonists phenoxybenzamine and benextramine on the effectiveness of nifedipine in inhibiting alpha 1- and alpha 2-adrenoceptor mediated vasoconstriction in pithed rats. Timmermans PB, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jun; 329(4):404–13

PHARMACODYNAMICS

Increased protective effect of cystamine and mexamine against radiation after activation of the haemopoiesis by dextran sulphate in mice. Vacek A, et al. **Acta Radiol [Oncol]** 1985 Mar–Apr;24(2):193–8

[The effect of cystamine on the survival of mice and endogenous colony-formation in combined radiation-thermal injuries] Budagov RS. **Radiobiologiia** 1984 Sep–Oct;24(5):657–9 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

[Effect of cystamine on the morphology of gunshot wound healing (a light and electron microscopic study)] Grigor'ev VV, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):723–7 (Eng. Abstr.) **(Rus)**

[Chromatin breakdown in the white blood cells of rats during irradiation and in combined radiation injury under cystamine protection] Pechenina NA, et al. **Radiobiologiia** 1985 May–Jun;25(3):370–2 (Eng. Abstr.) **(Rus)**

CYSTAPHOS see under **ORGANOTHIOPHOSPHORUS COMPOUNDS**

CYSTATHIONINE

METABOLISM

The conversion of L-cystathionine into the cyclic ketimine form by heated rat liver extracts containing cystathionase and transaminase activities. Cavallini D, et al. **Biochem Int** 1985 Apr;10(4):641–6

Effect of L-propargylglycine on metabolism of sulfur-containing amino acids in pregnant rats and their fetuses. Sasaki K, et al. **Biochem Int** 1985 Feb;10(2):165–75

Cystathionine accumulation in various regions of brain of DL-propargylglycine-treated rats. Kodama H, et al. **J Neurochem** 1985 Apr;44(4):1207–9

New enzymatic changes of L-cystathionine catalyzed by bovine tissue extracts. Costa M, et al. **Physiol Chem Phys Med NMR** 1985;17(1):107–11

URINE

Cystathioninuria in patients with neuroblastoma or ganglioneuroblastoma. Its correlation to vanilmandelic acid excretion and its value in diagnosis and therapy. Geiser CF, et al. **Cancer** 1968 Oct;22(4):856–60

The assessment of the vitamin B6 status among Egyptian school children by measuring the urinary cystathionine excretion. Arafa AM, et al. **Int J Vitam Nutr Res** 1984; 54(4):321–7

Quantitative analysis of cystathionine and perhydro-1,4-thiazepine-3,5-dicarboxylic acid in the urine of a patient with cystathioninuria using isotachophoresis. Kodama H, et al. **J Chromatogr** 1984 Nov 9;311(1):183–8

[Cystathioninuria] Houšt'ková H, et al. **Cesk Pediatr** 1985 Jul;40(7):392–4 (Eng. Abstr.) **(Cze)**

CYSTATHIONINE BETA-SYNTHASE see under **HYDRO-LYASES**

CYSTATHIONINE GAMMA-LYASE see under **LYASES**

CYSTEAMINE

Effect of cimetidine and carbenoxolone on cysteamine-induced ulcers: a study of gastric mucosal histamine and histamine formation capacity in rat. Man WK, et al. **Agents Actions** 1984 Dec;15(5–6):467–73

Healing of cysteamine-induced duodenal ulcers in the rat. Poulsen SS, et al. **Dig Dis Sci** 1985 Feb;30(2):161–7

Radiation-induced strand breakage in poly(riboadenylic acid). A pulse radiolysis study on the protective action of cysteamine under anoxic conditions. Washino K, et al. **Int J Radiat Biol** 1984 Dec;46(6):747–58

Factors influencing the oxidation of cysteamine and other thiols: implications for hyperthermic sensitization and radiation protection. Biaglow JE, et al. **Radiat Res** 1984 Nov;100(2):298–312

ANALOGS & DERIVATIVES

Radioprotection of EMT6 tumor by a new class of radioprotectors based on a pseudo-peptide cysteamine combination. Lespinasse F, et al. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):1035–8

[Utilization of melanin precursors for experimental chemotherapy of malignant melanoma] Jimbow K, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2125–32 (Eng. Abstr.) **(Jpn)**

ANALYSIS

The binding of the radioprotective agent cysteamine with the phospholipidic membrane headgroup-interface region. Berleur F, et al. **Biochem Pharmacol** 1985 Sep 1; 34(17):3071–80

Detection and determination of cysteamine at the nanomole level. Ricci G, et al. **J Appl Biochem** 1983 Aug–Oct; 5(4–5):320–9

ANTAGONISTS & INHIBITORS

Effects of a gastric antisecretory-cytoprotectant 2-methyl-8-(phenylmethoxy)imidazo[1,2-a]pyridine-3-ac (Sch 28 080) on cysteamine, reserpine and stress ulcers in rats. Chiu PJ, et al. **Arzneimittelforsch** 1984;34(7):783–6

METABOLISM

Oral administration of liposome-entrapped cysteamine and the distribution pattern in blood, liver and spleen. Jaskierowicz D, et al. **Int J Radiat Biol** 1985 Jun; 47(6):615–9

PHARMACODYNAMICS

Effects of AET and MEA treatment of mice on the first day of pregnancy. Mazur L. **Acta Physiol Hung** 1985; 65(2):213–6

Embryonic survival in mice treated with AET, MEA or 5-HT on the first day of pregnancy. Mazur L. **Acta Physiol Hung** 1985;65(3):227–31

Quantity of DNA in the organs of 19-day-old foetuses after AET, MEA, or 5-HT treatment of mice on the first day of gestation. Mazur L. **Acta Physiol Hung** 1985;66(1):65–8

In vivo alteration of a mutant human protein using the free thiol cysteamine. Gahl WA, et al. **Am J Med Genet** 1985 Feb;20(2):409–17

Selective decrease of hypothalamic noradrenaline by cysteamine. Vécsei L, et al. **Arch Int Pharmacodyn Ther** 1985 Mar;274(1):125–8

Cysteamine depletes cystinotic leucocyte granular fractions of cystine by the mechanism of disulphide interchange. Gahl WA, et al. **Biochem J** 1985 Jun 15;228(3):545–50

Mechanism of action of paracetamol protective agents in mice in vivo. Miners JO, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):2995–3000

Cysteamine exerts multiple effects on the endocrine cells of the rat pancreas. Ostenson CG, et al. **Biochim Biophys Acta** 1985 Aug 30;846(2):242–7

Gastric mucosal histamine, histamine formation capacity (HFC) and plasma gastrin after cysteamine administration. Man WK, et al. **Br J Exp Pathol** 1984 Dec;65(6):759–65

Contractile effects of cysteamine on the guinea-pig ileum. Bakich V, et al. **Br J Pharmacol** 1984 Aug;82(4):791–800

Depletion of striatal somatostatin by local cysteamine injection. Beal MF, et al. **Brain Res** 1984 Aug 13; 308(2):319–24

A study of the low beta-galactosidase activity in cystinotic fibroblasts: effects of cysteamine. Kooistra T, et al. **Clin Chim Acta** 1985 Jan 15;145(1):9–16

Depletion of bovine pituitary prolactin by cysteamine involves a thiol:disulfide mechanism. Lorenson MY, et al. **Endocrinology** 1984 Oct;115(4):1492–5

Cysteamine induces a loss of tissue somatostatin-28 when measured as somatostatin-28(15–28)-like immunoreactivity but not when assessed as somatostatin-28(1–14)-like immunoreactivity: evidence for the importance of the disulfide bond for cysteamine action. Patel YC, et al. **Endocrinology** 1985 May;116(5):1699–702

The mechanism of action of cysteamine in depleting prolactin immunoreactivity. Sagar SM, et al. **Endocrinology** 1985 Aug;117(2):591–600

Cysteamine causes reduction of prolactin monomers followed by aggregation in the rat pituitary gland. Scammell JG, et al. **Endocrinology** 1985 Jun;116(6):2347–54

Cysteamine depletes prolactin (PRL) but does not alter the structure of PRL-containing granules in the anterior pituitary. Weinstein LA, et al. **Endocrinology** 1984 Oct; 115(4):1543–50

Cysteamine suppresses kindled seizures in pentylenetetrazol-kindled rats. Assouline G, et al. **Eur J Pharmacol** 1984 Nov 27;106(3):649–52

Effects of cysteamine on pain behaviour and on somatostatin- and substance P-like immunoreactivity in the substantia gelatinosa of the rat. Dalsgaard CJ, et al. **Eur J Pharmacol** 1984 Sep 17;104(3–4):295–301

Morphologic effects of cysteamine on the rat adenohypophysis. Cairns PD, et al. **Exp Mol Pathol** 1984 Dec;41(3):298–308

Neurobiological actions of cysteamine. Brown M, et al. **Fed Proc** 1985 Jun;44(9):2556–60

Effects of cysteamine on the hypothalamic-pituitary axis in the rat. McComb DJ, et al. **Fed Proc** 1985 Jun;44(9):2551–5

Cysteamine-induced depletion of somatostatin and prolactin. Millard WJ, et al. **Fed Proc** 1985 Jun;44(9):2546–50

Protective effects of AET, MEA, and 5-HT in X-irradiated pregnant porton mice. Mazur L. **Folia Biol (Krakow)** 1984; 32(1–2):81–7

Cysteamine and propionitrile inhibit the rise of duodenal mucosal alkaline secretion in response to luminal acid in rats. Bridén S, et al. **Gastroenterology** 1985 Jan;88(1 Pt 2):295–302

Duodenal ulcerogens cysteamine and propionitrile induce gastroduodenal motility alterations in the rat. Pihan G, et al. **Gastroenterology** 1985 Apr;88(4):989–97

Modification of radiation and dihydroxyanthraquinone-induced cell lethality by cysteamine and N-ethylmaleimide. Kimler BF, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1683–6

Effects of cysteamine and antibody to somatostatin on islet cell function in vitro. Evidence that intracellular somatostatin deficiency augments insulin and glucagon secretion. Patel YC, et al. **J Clin Invest** 1985 Apr; 75(4):1249–55

Effect of dopamine, bombesin and cysteamine hydrochloride on plasma growth hormone response to synthetic growth hormone-releasing factor in rats. Wakabayashi I, et al. **Life Sci** 1985 Apr 15;36(15):1437–43

Comparative studies with somatostatin and cysteamine in different behavioral tests on rats. Vécsei L, et al. **Pharmacol Biochem Behav** 1984 Dec;21(6):833–7

Effects of AET and MEA treatment prior to X-irradiation of mice on the first day of pregnancy. Mazur L. **Strahlentherapie** 1984 Oct;160(10):627–30

[Interrelation between the analgesic and ulcerogenic action of cysteamine] Vinogradov VA, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):582–3 (Eng. Abstr.) **(Rus)**

[Mechanism of the radioprotective effect of cysteamine] Gil'iano NIa, et al. **Radiobiologiia** 1985 Mar–Apr; 25(2):238–41 (Eng. Abstr.) **(Rus)**

[Postradiation effect of a radioprotector depending on the degree of chromatin condensation in the cells] Gil'iano NIa, et al. **Radiobiologiia** 1985 May–Jun;25(3):389–91 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Blunted prolactin response to thyrotropin-releasing hormone stimulation in cystinotic children receiving cysteamine. Gahl WA, et al. **J Clin Endocrinol Metab** 1985 Apr; 60(4):793–6

[Cysteamine in the treatment of cystinosis in children. In vitro and in vivo studies] Louis JJ, et al. **Pediatrie** 1984 Dec; 39(8):619–33 (Eng. Abstr.) **(Fre)**

TOXICITY

The effect of different prostaglandins on cysteamine-induced duodenal ulcer in the rat. Náfrádi J, et al. **Acta Physiol Hung** 1984;64(3–4):339–41

Somatostatin depletion by cysteamine: mechanism and implication for duodenal ulceration. Szabo S, et al. **Fed Proc** 1985 Jun;44(9):2540–5

CYSTEIC ACID see under **AMINO ACIDS, SULFUR**

CYSTEINAMINE see **CYSTEAMINE**

CYSTEINE

Ligand-induced variations in the reactivity of thio groups of the alpha-subunit of the acetylcholine receptor from Torpedo californica. de Souza Otero A, et al. **Biochemistry** 1984 May 22;23(11):2321–8

Fluorescence energy transfer between points in G-actin: the nucleotide-binding site, the metal-binding site and Cys-373 residue. Miki M, et al. **Biochim Biophys Acta** 1985 Apr 5;828(2):188–95

NADPH-cytochrome P-450 reductase (pig liver). Studies on the sequence of the cyanogen bromide peptides from the catalytic domain and on the reactivity of the thiol groups. Vogel F, et al. **Biol Chem Hoppe Seyler** 1985 Jun; 366(6):577–87

The nonenzymatic displacement of the sulfamoyl group from different classes of aromatic compounds by glutathione and cysteine. Conroy CW, et al. **Drug Metab Dispos** 1984 Sep–Oct;12(5):614–8

Comments on: 'Chemical modification of hydroxynitrile lyase by selective reaction of an essential cysteine-SH group with alpha, beta-unsaturated propriophenones as pseudo-substrates' by L. Jaenicke and J. Preun [letter] Jorns MS. **Eur J Biochem** 1985 Jan 15;146(2):481–2

Study of anthranilate synthase function by replacement of cysteine 84 using site-directed mutagenesis. Paluh JL, et al. **J Biol Chem** 1985 Feb 10;260(3):1889–94

A new hemoglobin variant, hemoglobin Nunobiki [alpha 141 (HC3) Arg——Cys]. Notable influence of the carboxy-terminal cysteine upon various physico-chemical characteristics of hemoglobin. Shimasaki S. **J Clin Invest** 1985 Feb;75(2):695–701

Location of the SH group of the alkali light chain on the myosin head as revealed by electron microscopy. Yamamoto K, et al. **J Mol Biol** 1985 May 25;183(2):287–90

N-terminal glyceride-cysteine modification of membrane penicillinases in gram-positive bacteria. Lampen JO, et al. **Methods Enzymol** 1984;106:365–8

F-actin is intermolecularly crosslinked by N,N'-p-phenylenedimaleimide through lysine-191 and cysteine-374. Elzinga M, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6599–602

[A double-blind study of strong neominophagen-C in treating chronic hepatitis] Wang JT. **Chung Hua Nei Ko Tsa Chih** 1984 Jan;23(1):14–8, 62 (Eng. Abstr.) **(Chi)**

ADMINISTRATION & DOSAGE

[Trials of l-cysteine, TRH and 5HTP in amyotrophic lateral sclerosis] Akiguchi I, et al. **Rinsho Shinkeigaku** 1984 Dec; 24(12):1270–3 (Eng. Abstr.) **(Jpn)**

ANALOGS & DERIVATIVES

N-acetylpenicillamine potentiated excretion of methyl mercury in rat bile: influence of S-methylcysteine. Refsvik T. **Acta Pharmacol Toxicol (Copenh)** 1984 Aug;55(2):121–5

Reaction of S-(2-amino-2-carboxyethylsulfonyl)-L-cysteine with thiosulfate: synthesis of L-alanine sulfodisulfane and application to the determination of thiosulfate. Ubuka T, et al. **Anal Biochem** 1984 Aug 1;140(2):449–55

Synthesis of S-(carboxymethyl)-D-cysteine by 3-chloro-D-alanine chloride-lyase of pseudomonas putida CR 1-1. Nagasawa T, et al. **Appl Biochem Biotechnol** 1983 Dec;8(6):481–9

Effect of hydrazide cysteine on T cells. II. Human autologous rosette forming cells belong to two subpopulations differing with respect to the sensitivity to hydrocortisone and hydrazide cysteine. Zimecki M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(3):281–5

Effect of hydrazide cysteine on T cells. I. Hydrazide cysteine changes the sensitivity of murine T lymphocytes to hydrocortisone and their ability to form autologous rosettes. Zimecki M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(3):269–79

Genetic aspects of the polymodally distributed sulphoxidation of S-carboxymethyl-L-cysteine in man. Mitchell SC, et al. **Br J Clin Pharmacol** 1984 Oct; 18(4):507–21

A review of the clinical presentation and laboratory findings in two uncommon hereditary disorders of sulfur amino acid metabolism, beta-mercaptolactate cysteine disulfideuria and sulfite oxidase deficiency. Crawhall JC. **Clin Biochem** 1985 Jun;18(3):139–42 (29 ref.)

The decarboxylation of 3-mercaptopyruvate to 2-mercaptoacetate. Mårtensson J, et al. **FEBS Lett** 1984 Oct 29;176(2):334–6

A simple and direct method for synthesis of S-mercuric-N-dansylcysteine. Kunapuli SP, et al. **Indian J Biochem Biophys** 1984 Apr;21(2):124–6

Chronic toxicity of S-(trans-1,2-dichlorovinyl)-L-cysteine in mice. Jaffe DR, et al. **J Appl Toxicol** 1984 Dec;4(6):315–9

Nonconverted, amino acid analog-modified proinsulin stays in a Golgi-derived clathrin-coated membrane compartment. Orci L, et al. **J Cell Biol** 1984 Dec; 99(6):2187–92

A method for the determination of S-methylcysteine by high-performance liquid chromatography: application to the study of carcinogenic methylating agents. Baker I, et al. **J Chromatogr** 1985 Jul 5;329(1):202–5

Determination of S-methyl cysteine sulfoxide in Brassica extracts by high-performance liquid chromatography.

Gustine DL. **J Chromatogr** 1985 Feb 20;319(3):450-3

Abundance and tissue distribution of selenocysteine-containing proteins in the rat. Hawkes WC, et al. **J Inorg Biochem** 1985 Feb;23(2):77-92

Structure-nephrotoxicity relationships of S-(2-chloroethyl)-DL-cysteine and analogs: role for an episulfonium ion. Elfarra AA, et al. **J Pharmacol Exp Ther** 1985 May;233(2):512-6

D-Penicillamine induced toxicity in rheumatoid arthritis: the role of sulphoxidation status and HLA-DR3. Emery P, et al. **J Rheumatol** 1984 Oct;11(5):626-32

Pharmacological studies of N-(2-mercapto-2-methylpropanoyl)-L-cysteine (SA96) (3). Effects of SA96 on experimental allergic reactions. Nakata K, et al. **Jpn J Pharmacol** 1985 Jan;37(1):83-90

Mucolytic agents for glue ear [letter] Pearson JP, et al. **Lancet** 1985 Sep 21;2(8456):674

A novel inhibitor of mammalian collagenase. Clark DE, et al. **Life Sci** 1985 Aug 12;37(6):575-8

Identification of selenocysteine by high-performance liquid chromatography and mass spectrometry. Ganther HE, et al. **Methods Enzymol** 1984;107:582-92

S beta-(bilin)cysteine derivatives: structures, spectroscopic properties, and quantitation. Glazer AN. **Methods Enzymol** 1984;106:359-64

Occurrence and characterization of selenocysteine in proteins. Stadtman TC. **Methods Enzymol** 1984;107:576-81

Selenocysteine-containing proteins and glutathione peroxidase. Tappel AL, et al. **Methods Enzymol** 1984; 107:602-19

Interactions of S-(2-haloethyl)-mercapturic acid analogs with plasmid DNA. Vadi HV, et al. **Toxicol Appl Pharmacol** 1985 Sep 30;80(3):386-96

Production of DNA single strand breaks in rabbit renal tissue after exposure to 1,2-dichlorovinylcysteine. Jaffe DR, et al. **Toxicology** 1985 Apr;35(1):25-33

Allium species poisoning [letter] Fenwick GR, et al. **Vet Rec** 1985 Jan 5;116(1):28

Lack of congruence of S-carboxymethyl-L-cysteine sulphoxidation and debrisoquine 4-hydroxylation in a Caucasian population. Haley CS, et al. **Xenobiotica** 1985 May;15(5):445-50

The fate of 4-cyano-N,N-dimethylaniline in mice: the occurrence of a novel metabolite during N-demethylation of an aromatic amine. Logan CJ, et al. **Xenobiotica** 1985 May;15(5):391-7

The metabolism of S-methyl-L-cysteine in man. Mitchell SC, et al. **Xenobiotica** 1984 Oct;14(10):767-79

[Changes in IgA levels in nasal mucus after upper respiratory tract diseases in infants treated with carbocysteine] Henocq A, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(5):373-5 (Eng. Abstr.) **(Fre)**

[The bioavailability and pharmacokinetics of two carbocysteine preparations after single and multiple dosing] Lutz D, et al. **Arzneimittelforsch** 1985;35(1):163-6 (Eng. Abstr.) **(Ger)**

[Identification of an amino acid conjugate in urine following the administration of lindane to rats] Macholz R, et al. **Z Gesamte Hyg** 1985 Mar;31(3):177-8 (Eng. Abstr.) **(Ger)**

[New 2,4-dibromo-6-(N-cyclohexyl-N-methyl)-aminomethylan of derivatives of cysteine and cystine with expectorant activity] Nardi D, et al. **Farmaco [Sci]** 1985 Feb; 40(2):108-19 (Eng. Abstr.) **(Ita)**

[Utilization of melanin precursors for experimental chemotherapy of malignant melanoma] Jimbow K, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2125-32 (Eng. Abstr.) **(Jpn)**

[Pharmacological studies of N-(2-mercapto-2-methylpropanoyl)-L-cysteine (SA96). V. Effects of SA96 in combination with indomethacin or prednisolone on adjuvant arthritis in rats] Yamauchi H, et al. **Nippon Yakurigaku Zasshi** 1985 Apr;85(4):243-8 (Eng. Abstr.) **(Jpn)**

[Pharmacological studies on N-(2-mercapto-2-methylpropanoyl)-L-cysteine(SA96). IV. Effects of SA96 and its main metabolite, SA679, on denaturation of human gamma-globulin and adjuvant arthritis in rats] Yamauchi H, et al. **Nippon Yakurigaku Zasshi** 1985 Apr;85(4):275-82 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Identification of cysteine-containing peptides in protein digests by high-performance liquid chromatography. Fullmer CS. **Anal Biochem** 1984 Nov 1;142(2):336-9

Cysteine: a potential source of error in amino acid analysis of mercaptoethane sulfonic or hydrochloric acid hydrolysates of proteins and peptides. Gardner ML. **Anal Biochem** 1984 Sep;141(2):429-31

Labeling of cysteine-containing peptides with 2-nitro-5-thiobenzoic acid. Sliwkowski MX, et al. **Anal Biochem** 1985 Jun;147(2):369-73

Isolation and characterization of cysteine-containing regions of proteins using 4-(aminosulfonyl)-7-fluoro-2,1,3-benzoxadiazole and high-performance liquid chromatography. Toyo'oka T, et al. **Anal Chem** 1985 Aug;57(9):1931-7

Differential response of cysteine residues in pig muscle phosphoglucose isomerase to seven sulfhydryl-modifying reagents. Scott-Ennis RJ, et al. **Arch Biochem Biophys** 1985 May 15;239(1):1-11

The reactive cysteine residue of pig kidney fructose 1,6-bisphosphatase is related to a fructose 2,6-bisphosphate allosteric site. Reyes A, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):373-9

Localization of the N-ethylmaleimide reactive cysteine in the beef heart mitochondrial ADP/ATP carrier protein. Boulay F, et al. **Biochemistry** 1984 Sep 25;23(20):4807-12

Cysteinyl residues of Escherichia coli recA protein. Kuramitsu S, et al. **Biochemistry** 1984 May 22;23(11):2363-7

Harvey murine sarcoma virus p21 ras protein: biological and biochemical significance of the cysteine nearest the carboxy terminus. Willumsen BM, et al. **EMBO J** 1984 Nov; 3(11):2581-5

113CD-1H spin-spin couplings in homonuclear 1H correlated spectroscopy of metallothionein. Identification of the cysteine 1H spin systems. Neuhaus D, et al. **Eur J Biochem** 1984 Sep 17;143(3):659-67

A simple and direct method for synthesis of S-mercuric-N-dansylcysteine. Kunapuli SP, et al. **Indian J Biochem Biophys** 1984 Apr;21(2):124-6

Specific cation effect in the reaction of nitroprusside with cysteine, acetophenone and sulfite (Legal and Boedeker reaction). Leeuwenkamp OR, et al. **Pharm Weekbl [Sci]** 1984 Oct 19;6(5):195-202

Effects of metals and organic compounds on hepatic glutathione, cysteine, and acid-soluble thiol levels in mullet (Mugil cephalus L.). Thomas P, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):172-82

[Topography of cysteine residues in DNA-dependent RNA-polymerase] Seliuchenko OA, et al. **Bioorg Khim** 1985 Apr;11(4):480-91 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Hybridization studies of chicken liver fatty acid synthetase. Evidence for the participation in palmitate synthesis of cysteine and phosphopantetheine sulfhydryl groups on adjacent subunits. Wang YS, et al. **J Biol Chem** 1984 Nov 25;259(22):13644-7

S-Adenosylhomocysteine hydrolase deficiency in cysteine auxotrophs of Tetrahymena thermophila. Murphy SE, et al. **J Protozool** 1985 Feb;32(1):32-7

BLOOD

Distribution of oxidized and reduced forms of glutathione and cysteine in rat plasma. Lash LH, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):583-92

METABOLISM

Formation of 2-methyl-2,4-thiazolidinedicarboxylic acid from L-cysteine in rat tissues. Włodek L, et al. **Acta Biochim Pol** 1984;31(3):279-88

Metabolism of L-cysteine in rats fed low and high protein diets. Mikami H, et al. **Acta Med Okayama** 1984 Oct; 38(5):415-21

Transaminative metabolism of L-cysteine in guinea pig liver and kidney. Taniguchi M, et al. **Acta Med Okayama** 1984 Aug;38(4):375-80

Characteristics of cysteine uptake in intestinal basolateral membrane vesicles. Lash LH, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):G394-401

A comparison of the cyclic nucleotide-dependent protein kinases using chemical cleavage at tryptophan and cysteine. Monken CE, et al. **Arch Biochem Biophys** 1985 Aug 1; 240(2):888-903

Evidence for a reactive cysteine at the nucleotide binding site of spinach ribulose-5-phosphate kinase. Omnaas J, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):646-53

Studies on the identity of the heme-binding cysteinyl residue in rabbit liver microsomal cytochrome P-450 isozyme 2. Black SD, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):82-9

Transport of cystine and cysteine in mammalian cells. Bannai S. **Biochim Biophys Acta** 1984 Sep 3;779(3):289-306 (182 ref.)

Reaction of 5'-p-fluorosulfonylbenzoyl-1,N6-ethenoadenosine with histidine and cysteine residues in the active site of rabbit muscle pyruvate kinase. Tomich JM, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):344-57

Depletion of extracellular cysteine with hydroxocobalamin and ascorbate in experimental murine cancer chemotherapy. Pierson HF, et al. **Cancer Res** 1985 Oct; 45(10):4727-31

Cysteine uptake and taurine biosynthesis in freshly isolated and primary cultured rat hepatocytes. Tamura J, et al. **Cell Biochem Funct** 1984 Oct;2(4):195-200

Covalent binding of [35S]cysteine to the labile binding site of the third component of complement: a physiological approach. Rutherford CJ, et al. **Clin Immunol Immunopathol** 1985 Oct;37(1):77-82

Studies on the fate of the glutathione and cysteine conjugates of acetaminophen in mice. Fischer LJ, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):121-6

The metabolism and excretion of 14C-styrene oxide-glutathione adducts administered to the winter flounder, Pseudopleuronectes americanus, a marine teleost. Identification of the corresponding S-cysteine derivatives as major urinary metabolites. Yagen B, et al. **Drug Metab Dispos** 1984 Jul-Aug;12(4):389-95

Functional role of cysteinyl residues in tryptophanase. Nihira T, et al. **Eur J Biochem** 1985 May 15;149(1):129-33

Effect of inhibition of gamma-glutamyltranspeptidase by AT-125 (acivicin) on glutathione and cysteine levels in rat brain and plasma. Hill KE, et al. **Invest New Drugs** 1985;3(1):31-4

Glutamine amidotransferase function. Replacement of the active-site cysteine in glutamine phosphoribosylpyrophosphate amidotransferase by site-directed mutagenesis. Mäntsälä P, et al. **J Biol Chem** 1984 Nov 25;259(22):14230-6

An essential cysteine residue located in the vicinity of the FAD-binding site in short-chain, medium-chain, and long-chain acyl-CoA dehydrogenases from rat liver mitochondria. Okamura-Ikeda K, et al. **J Biol Chem** 1985 Jan 25;260(2):1338-45

Tissue glutathione as a cyst(e)ine reservoir during cystine depletion in growing rats. Cho ES, et al. **J Nutr** 1984 Oct; 114(10):1853-62

Variation of cysteine level by chlorobenzene-induced pertubation of glutathione metabolism in rat liver. Yoshida M, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Feb;31(1):69-76

Disulfide bond formation in proteins. Creighton TE. **Methods Enzymol** 1984;107:305-29

PHARMACODYNAMICS

The effect of some sulfhydryl compounds on the toxicity of 5-fluorouracil and 6-mercaptopurine in laboratory animals. Danysz A, et al. **Acta Pol Pharm** 1984;41(5):571-4

Effect of L-cysteine on the activity of penicillin antibiotics against Clostridium difficile. Markowitz SM, et al. **Antimicrob Agents Chemother** 1983 Mar;27(3):419-21

Mechanism of action of paracetamol protective agents in mice in vivo. Miners JO, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):2995-3000

Inhibitory effects of glutathione level-raising agents and D-alpha-tocopherol on ornithine decarboxylase induction and mouse skin tumor promotion by 12-O-tetradecanoylphorbol-13-acetate. Perchellet JP, et al. **Carcinogenesis** 1985 Apr;6(4):567-73

Mouse lymphoma L1210 cells can be arrested in the G1 phase by adjusting cellular cysteine and glutathione. Ishii T, et al. **Cell Struct Funct** 1985 Mar;10(1):89-93

Inhibition of glutathione efflux in the recirculating rat liver perfusion by cysteine but not by oxothiazolidine carboxylate, an intracellular cysteine precursor. Glazenburg EJ, et al. **FEBS Lett** 1984 Dec 10;178(2):271-4

Effect of cysteine supplementation on lanthanum chloride induced alterations in the antioxidant defence system of chick liver. Basu A, et al. **Indian J Exp Biol** 1984 Aug; 22(8):432-4

Studies on cysteine-induced hemolysis. Løvstad RA. **Int J Biochem** 1984;16(12):1283-6

Nutritional improvement of soy flour. Friedman M, et al. **J Nutr** 1984 Dec;114(12):2241-6

Dietary sulfur-containing amino acids and glycine as determinant factors in plasma cholesterol regulation in growing rats. Sugiyama K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Feb;31(1):121-5

The protective effect of cysteine on chemical-induced liver injury in rats. Tanaka E, et al. **J Toxicol Sci** 1984 Aug; 9(3):245-51

Modification of butylated hydroxytoluene-induced pulmonary toxicity in mice by diethyl maleate, buthionine sulfoximine, and cysteine. Mizutani T, et al. **Toxicol Lett** 1984 Dec;23(3):327-31

PHYSIOLOGY

Dissociation of cysteine and glutathione levels from nitroglycerin-induced relaxation. Gruetter CA, et al. **Eur J Pharmacol** 1985 Apr 23;111(1):85-95

THERAPEUTIC USE

The action of L-cysteine in acute cobalt chloride intoxication. Domingo JL, et al. **Rev Esp Fisiol** 1984 Jun; 40(2):231-6

URINE

Acetaminophen metabolite interferes in analysis for amino acids [letter] Shih VE, et al. **Clin Chem** 1985 Jan;31(1):148

CYSTEINE SYNTHASE see under **LYASES**

CYSTEINYLDOPA see under **DOPA**

CYSTIC DISEASE OF BREAST see **FIBROCYSTIC DISEASE OF BREAST**

CYSTIC DUCT

Mirizzi syndrome. Alberti-Flor JJ, et al. **Am J Gastroenterol** 1985 Oct;80(10):822-3

Management of retained biliary calculi: relaxation of sphincter induced by ceruletide. Cuschierj A. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1582

Cystic duct remnant: sonographic diagnosis. Crowley SF, et al. **J Ultrasound Med** 1985 May;4(5):261-3

Clonorchis sinensis infection associated with adenocarcinoma of the gallbladder and cystic duct. Drinka P, et al. **Wis Med J** 1985 Apr;84(4):16-8

[Carcinoma of the extrahepatic bile ducts. Diagnosis and treatment] Rizzo F, et al. **Minerva Chir** 1985 Mar 31;

40(6):339-41 (Eng. Abstr.) (Ita)

ABNORMALITIES

Accessory cystic duct—an operative hazard. Senapati A, et al. **J R Soc Med** 1984 Oct;77(10):845-6

[Rare anomaly of the bile ducts] Raikevich NP, et al. **Sov Med** 1984;(10):114-5 (Rus)

ANATOMY & HISTOLOGY

The muscle layer of the canine gallbladder and cystic duct. MacPherson BR, et al. **Acta Anat (Basel)** 1984; 120(3):117-22

RADIOGRAPHY

[Endoscopic retrograde cholangiopancreatography (ERCP) in the diagnosis of cystic duct stumps after cholecystectomy and concurrent bile duct lithiasis] Spičák J, et al. **Sb Lek** 1985 Jul;87(7):203-8 (Eng. Abstr.) (Cze)

RADIONUCLIDE IMAGING

Post cholecystectomy syndrome due to a cystic duct remnant diagnosed by hepatobiliary scintigraphy. D'Alonzo W, et al. **Clin Nucl Med** 1984 Dec;9(12):719-20

Practical hepatobiliary imaging using pretreatment with sincalide in 139 hepatobiliary studies. Patterson FK, et al. **Clin Nucl Med** 1985 May;10(5):333-5

SURGERY

Use of a snugging ligature for securing a cholangiogram catheter into the cystic duct. Case WG. **Ann R Coll Surg Engl** 1985 Jan;67(1):19

[Technical management of difficult cholecystectomy] Machado MC, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Mar-Apr; 39(2):85-7 (Eng. Abstr.) (Por)

[A bougie-guide for drainage of the common bile duct across the stump of the cystic duct] Prokhorova IP, et al. **Klin Khir** 1984 Sep;(9):69 (Rus)

CYSTIC FIBROSIS

see related
SWEATING

Diagnosis and treatment of cystic fibrosis in adults. Eichenhorn MS. **Compr Ther** 1984 Dec;10(12):48-54

Cystic fibrosis: Part I. MacLusky I, et al. **Curr Probl Pediatr** 1985 Jun;15(6):1-49 (239 ref.)

Cystic fibrosis: Part II. MacLusky I, et al. **Curr Probl Pediatr** 1985 Jul;15(7):1-39 (141 ref.)

The pancreas in cystic fibrosis. An update on ontogeny and physiology, on alterations of function and structure, and on the treatment of pancreatic insufficiency and malnutrition. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S1-170

The pancreas, nutrition, and cystic fibrosis: how do we ask the right questions? Patrick J. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S163-6

A multicenter comparison of related pharmacologic features of cephalexin and dicloxacillin given for two months to young children with cystic fibrosis. Harrison CJ, et al. **Pediatr Pharmacol (New York)** 1985;5(1):7-16

[Research on cystic fibrosis--1983] Mangos JA. **Monatsschr Kinderheilkd** 1985 Jan;133(1):6-12 (Ger)

[A case of mucoviscidosis treated at the pediatric department in Zrenjanin] Tomović T, et al. **Med Pregl** 1984; 37(11-12):533-5 (Eng. Abstr.) (Ser)

BLOOD

Elevated serum vitamin B12 in cystic fibrosis. Lindemans J, et al. **Acta Paediatr Scand** 1984 Nov;73(6):768-71

The alpha 2-adrenergic system of the platelet in cystic fibrosis. Davis PB, et al. **Am J Med Sci** 1984 Oct; 288(3):104-8

Pharmacokinetics of tobramycin in patients with cystic fibrosis. Implications for the dosing interval. Horrevorts AM, et al. **Chest** 1985 Aug;88(2):260-4

Postural hypoxemia in cystic fibrosis. Stokes DC, et al. **Chest** 1985 Jun;87(6):785-9

Serum sulfate levels in patients with cystic fibrosis. Pillion DJ, et al. **Clin Chim Acta** 1984 Sep 29;142(2):241-7

Controlled comparison of plasma and serum for cystic fibrosis protein. Wilson GB, et al. **Clin Genet** 1984 Oct;26(4):331-8

Plasma levels of lactoferrin in children suffering from cystic fibrosis. Benini L, et al. **Digestion** 1985;31(4):200-4

Transferrin subtypes in cystic fibrosis. Pascali VL, et al. **Eur J Pediatr** 1984 Dec;143(2):133-4

Fatty acid pattern of platelet phospholipids in cystic fibrosis [letter] Rogiers V, et al. **Eur J Pediatr** 1984 Sep; 142(4):305-6

Effects of cystic fibrosis serum on calcium influx and secretion using isolated tracheal epithelial cells. Wooten MW, et al. **J Cell Physiol** 1984 Dec;121(3):490-500

Vitamin D metabolites in adolescents and young adults with cystic fibrosis: effects of sun and season. Reiter EO, et al. **J Pediatr** 1985 Jan;106(1):21-6

Increased cytosolic calcium in cystic fibrosis neutrophils effect on stimulus-secretion coupling. Cabrini G, et al. **Life Sci** 1985 Apr 22;36(16):1561-7

Tissue localization and chromosomal assignment of a serum protein that tracks the cystic fibrosis gene. van Heyningen V, et al. **Nature** 1985 Jun 6-12;315(6019):513-5

Abnormal electrophoretic mobility of erythrocytes in cystic fibrosis: evidence for a membrane defect. Hein J, et al. **Padiatr Grenzgeb** 1985;24(4):331-40

Anion transport and 2,3-diphosphoglycerate in cystic fibrosis red blood cells. Berghout AG, et al. **Pediatr Res** 1984 Oct; 18(10):1017-20

Cl- permeabilities in red blood cells and peripheral blood lymphocytes from cystic fibrosis and control subjects. Boucher RC, et al. **Pediatr Res** 1984 Dec;18(12):1336-9

Fatty acid abnormalities in cystic fibrosis. Farrell PM, et al. **Pediatr Res** 1985 Jan;19(1):104-9

Comparison of the carbohydrate composition of alpha 2-macroglobulin from patients with cystic fibrosis and normal controls. Park CM, et al. **Pediatr Res** 1985 Apr; 19(4):344-6

Intracellular calcium handling in cystic fibrosis: normal cytosolic calcium and intracellular calcium stores in neutrophils. Suter S, et al. **Pediatr Res** 1985 Apr;19(4):346-8

[Immunoreactive trypsin in the serum of normal children and children with gastrointestinal diseases] Dockter G, et al. **Monatsschr Kinderheilkd** 1984 Aug;132(8):589-93 (Eng. Abstr.) (Ger)

[Coagulation studies in mucoviscidosis] Hein J, et al. **Padiatr Grenzgeb** 1984;23(4):177-84 (Eng. Abstr.) (Ger)

[Are there mucoviscidosis specific humoral factors? I: Properties, prevalence, preparation, formation] Hein J. **Z Erkr Atmungsorgane** 1985;164(1):19-24 (Eng. Abstr.) (Ger)

[45Ca2+ uptake by rat thymocytes in the presence of blood serum of patients with cystic fibrosis] Mańkowski T, et al. **Probl Med Wieku Rozwoj** 1984;13:213-8 (Eng. Abstr.) (Pol)

CHEMICALLY INDUCED

Pulmonary function of the reserpine and isoproterenol models of cystic fibrosis. Boyd RL, et al. **Pediatr Res** 1984 Oct;18(10):1028-31

COMPLICATIONS

Evidence of subclinical extrapyramidal hemosiderosis in cystic fibrosis. Wongmongkolrit T, et al. **Acta Neuropathol (Berl)** 1985;65(3-4):265-9

Systemic amyloidosis in cystic fibrosis. Canciani M, et al. **Acta Paediatr Scand** 1985 Jul;74(4):613-4

Cardiac involvement in cystic fibrosis revealed by a ventricular arrhythmia. Chéron G, et al. **Acta Paediatr Scand** 1984 Sep;73(5):697-700

Edetate sodium aerosol in Pseudomonas lung infection in cystic fibrosis. Brown J, et al. **Am J Dis Child** 1985 Aug; 139(8):836-9

Amyloidosis as a complication of cystic fibrosis. Castile R, et al. **Am J Dis Child** 1985 Jul;139(7):728-32

Cystic fibrosis and gastroesophageal reflux in infancy. Thomas D, et al. **Am J Dis Child** 1985 Jan;139(1):66-7

Clostridium difficile in patients with cystic fibrosis. Welkon CJ, et al. **Am J Dis Child** 1985 Aug;139(8):805-8

Gastroesophageal reflux in the infant with cystic fibrosis. Vinocur CD, et al. **Am J Surg** 1985 Jan;149(1):182-6

Pseudomonas cepacia colonization among patients with cystic fibrosis. A new opportunist. Thomassen MJ, et al. **Am Rev Respir Dis** 1985 May;131(5):791-6

The management of anaesthesia for patients with cystic fibrosis. Lamberty JM, et al. **Anaesthesia** 1985 May; 40(5):448-59 (47 ref.)

Reproductive defects in petients of both sexes with cystic fibrosis: a review. Seale TW, et al. **Ann Clin Lab Sci** 1985 Mar-Apr;15(2):152-8

Massive hemoptysis in patients with cystic fibrosis: three case reports and a protocol for clinical management. Trento A, et al. **Ann Thorac Surg** 1985 Mar;39(3):254-6

Symptomatic vitamin E deficiency in cystic fibrosis. Bye AM, et al. **Arch Dis Child** 1985 Feb;60(2):162-4

Prospective, controlled study of a polyvalent pseudomonas vaccine in cystic fibrosis--three year results. Langford DT, et al. **Arch Dis Child** 1984 Dec;59(12):1131-4

Nutrition in cystic fibrosis. Farrell PM. **Bol Asoc Med PR** 1984 Aug;76(8):352-4

Adenocarcinoma of the ileum presenting as non-traumatic clostridial myonecrosis in cystic fibrosis. Redington AN, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1871-2

Contact dermatitis in cystic fibrosis. Laufer P, et al. **Cutis** 1985 Jun;35(6):557

Should pulmonary exacerbations in cystic fibrosis be treated with antibiotics? [editorial] Bosso JA. **Drug Intell Clin Pharm** 1984 Oct;18(10):825-6

Feasibility and cost savings of intravenous administration of aminoglycosides in outpatients with cystic fibrosis. Bosso JA, et al. **Drug Intell Clin Pharm** 1985 Jan;19(1):52-4

Embolization in the treatment of massive hemoptysis in patients with cystic fibrosis. Stankiewicz JA, et al. **Ear Nose Throat J** 1985 Apr;64(4):180-4

Generalized amyloidosis in cystic fibrosis. Michalsen H, et al. **Eur J Respir Dis** 1985 Apr;66(4):306-9

Effect of cimetidine on enzyme inactivation, bile acid precipitation, and lipid solubilisation in pancreatic steatorrhoea due to cystic fibrosis. Zentler-Munro PL, et al. **Gut** 1985 Sep;26(9):892-901

The case of a sterile man with chronic sinusitis. Seaman WB. **Hosp Pract [Off]** 1985 Aug 15;20(8):123, 126

Psychiatric disorder in children with physical disabilities. Breslau N. **J Am Acad Child Psychiatry** 1985 Jan; 24(1):87-94

Comparison between the in-vitro activity of new agents on Pseudomonas aeruginosa isolates from cystic fibrosis patients and other chronic infections. Gordts B, et al. **J Antimicrob Chemother** 1984 Jul;14(1):25-9

Pulmonary disease associated with Pseudomonas aeruginosa in cystic fibrosis: current status of the host-bacterium interaction. Pier GB. **J Infect Dis** 1985 Apr;151(4):575-80 (39 ref.)

Comparison of cefoperazone sodium vs methicillin, ticarcillin, and tobramycin in treatment of pulmonary exacerbations in patients with cystic fibrosis. Jewett CV, et al. **J Pediatr** 1985 Apr;106(4):669-72

Management of acute pulmonary exacerbations in cystic fibrosis: a critical appraisal. Nelson JD. **J Pediatr** 1985 Jun; 106(6):1030-4 (18 ref.)

Failure to thrive presenting with an unusual skin rash [clinical conference] Rosenblum JL, et al. **J Pediatr** 1985 Jul; 107(1):149-53

Pancreatic insufficiency in cystic fibrosis: result of defect in ontogenesis of the exocrine pancreas. Lebenthal E. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S51-4

Severe giardiasis in a patient with cystic fibrosis. McCarthy VP, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):320-2

Meconium ileus equivalent. Copeland G, et al. **J R Coll Surg Edinb** 1984 Sep;29(5):325-6

Use of enoxacin in a patient with cystic fibrosis [letter] Miller MG, et al. **Lancet** 1985 Mar 16;1(8429):646

Association of respiratory viral infections with pulmonary deterioration in patients with cystic fibrosis. Wang EE, et al. **N Engl J Med** 1984 Dec 27;311(26):1653-8

Controlled trial of ceftazidime vs. ticarcillin and tobramycin in the treatment of acute respiratory exacerbations in patients with cystic fibrosis. Gold R, et al. **Pediatr Infect Dis** 1985 Mar-Apr;4(2):172-7

Individualization of tobramycin dosage in patients with cystic fibrosis. Hsu MC, et al. **Pediatr Infect Dis** 1984 Nov-Dec; 3(6):526-9

Brain abscess in a patient with cystic fibrosis. Kline MW. **Pediatr Infect Dis** 1985 Jan-Feb;4(1):72-3

Ceftazidime compared with gentamicin and carbenicillin in patients with cystic fibrosis, pulmonary pseudomonas infection, and an exacerbation of respiratory symptoms. British Thoracic Society Research Committee. **Thorax** 1985 May;40(5):358-63

Adenocarcinoma in cystic fibrosis. Davis TM, et al. **Thorax** 1985 Mar;40(3):199-200

Adverse reactions to piperacillin in adults with cystic fibrosis. Stead RJ, et al. **Thorax** 1985 Mar;40(3):184-6

[Mucoviscidosis. Digestive manifestations in the child and monosymptomatic forms] Buts JP. **Acta Gastroenterol Belg** 1984 Mar-Apr;47(2):132-3 (Fre)

[Can the treatment of pulmonary superinfections in children with cystic fibrosis be maximized?] Foucaud P. **Ann Pediatr (Paris)** 1985 Jun;32(6):559-60 (Fre)

[A new quinolone (pefloxacine) in bronchopulmonary superinfections in cystic fibrosis] Reineri P, et al. **Pediatrie** 1984 Oct-Dec;39(7):597-8 (Fre)

[Surgical treatment of portal hypertension in patients with cystic fibrosis] Schröder R, et al. **Schweiz Med Wochenschr** 1985 Jun 15;115(24):828-31 (Eng. Abstr.) (Ger)

[Massive hepatic steatosis in the infant with mucoviscidosis] Fischer A, et al. **Minerva Pediatr** 1984 Nov 30; 36(22):1155-9 (Eng. Abstr.) (Ita)

[Zinc and chronic enteropathies] Giorgi PL, et al. **Pediatr Med Chir** 1984 Sep-Oct;6(5):625-36 (118 ref.) (Eng. Abstr.) (Ita)

[Cornelia de Lange's syndrome associated with mucoviscidosis in a 7-year-old boy] Ryżko J, et al. **Wiad Lek** 1985 Jan 15;38(2):151-4 (Eng. Abstr.) (Pol)

DIAGNOSIS

Is the sweat test infallible in cystic fibrosis? Collins JE, et al. **Acta Paediatr Scand** 1985 May;74(3):423-6

The PABA test as a measure of pancreatic function. Comparison with the secretin-cholecystokinin test. Schiøtz PO, et al. **Acta Paediatr Scand** 1985 May;74(3):460-1

A study of sweat sodium and chloride; criteria for the diagnosis of cystic fibrosis. Green A, et al. **Ann Clin Biochem** 1985 Mar;22 (Pt 2):171-4

Cystic fibrosis in Jordan: a pilot study. Kamal MF, et al. **Ann Trop Paediatr** 1984 Dec;4(4):243-6

Improved sweat test method for the diagnosis of cystic fibrosis. Carter EP, et al. **Arch Dis Child** 1984 Oct; 59(10):919-22

Ultrasonography of the pancreas, liver, and biliary system in cystic fibrosis. Wilson-Sharp RC, et al. **Arch Dis Child** 1984 Oct;59(10):923-6

Cystic fibrosis. An adult perspective. O'Connor KW, et al. **Arch Intern Med** 1985 Jan;145(1):153-4

Cystic fibrosis. A WHO/ICF(M)A meeting. **Bull WHO** 1985; 63(1):1-10

Cystic fibrosis and oral health. Tynan JJ, et al. **Can Dent Assoc J** 1984 Nov;50(11):833-5 (29 ref.)

Advances in the diagnosis and management of cystic fibrosis. Blythe SA, et al. **Clin Biochem** 1984 Oct;17(5):277-83 (43 ref.)

The role of the laboratory in the diagnosis of cystic fibrosis. Hjelm M, et al. **Clin Biochem** 1984 Oct;17(5):284-7

Prenatal diagnosis of cystic fibrosis by trehalase enzyme assay in amniotic fluid. Szabó M, et al. **Clin Genet** 1985 Jul;28(1):16–22

Cystic fibrosis mistaken for idiopathic biliary atresia. Perkins WG, et al. **Clin Pediatr (Phila)** 1985 Feb;24(2):107–9

Evaluation of a paper-patch test for sweat chloride determination. Yeung WH, et al. **Clin Pediatr (Phila)** 1984 Nov;23(11):603–7

BT-Paba test in the diagnosis of pancreatic exocrine insufficiency in cystic fibrosis: urinary and serum determinations compared. Bellentani S, et al. **Eur J Pediatr** 1984 Dec;143(2):145–8

Bentiromide test for assessing pancreatic dysfunction using analysis of para-aminobenzoic acid in plasma and urine. Studies in cystic fibrosis and Shwachman's syndrome. Weizman Z, et al. **Gastroenterology** 1985 Sep;89(3):596–604

Cystic fibrosis in adults. Godbey MW. **J Miss State Med Assoc** 1985 Jun;26(6):161–3

Screening for cystic fibrosis [letter] **J Pediatr** 1985 Mar;106(3):527

Cystic fibrosis research looks promising [news] Arehart-Treichel J. **JAMA** 1984 Nov 9;252(18):2521, 2525–6

Prenatal diagnosis in cystic fibrosis [editorial] **Lancet** 1985 May 25;1(8439):1199

Prenatal diagnosis of cystic fibrosis [letter] Boué A, et al. **Lancet** 1985 Jul 6;2(8445):47–8

Prospective prenatal diagnosis of cystic fibrosis. Brock DJ, et al. **Lancet** 1985 May 25;1(8439):1175–8

Prenatal diagnosis of cystic fibrosis [letter] Giles PD. **Lancet** 1985 Jul 27;2(8448):214–5

Prenatal diagnosis of cystic fibrosis [letter] Mastella G, et al. **Lancet** 1985 Sep 7;2(8454):554

Prenatal screening for cystic fibrosis [letter] Norman AP. **Lancet** 1985 Aug 17;2(8451):391

Cystic fibrosis research [letter] Scully B. **Lancet** 1985 Jul 27;2(8448):215

Problems in diagnosis of cystic fibrosis. Wesley AW, et al. **NZ Med J** 1984 Nov 14;97(767):773–5

Electrodermal potential and conductance measurements clinically discriminate between cystic fibrosis and control patients. Williamson PS, et al. **Pediatr Res** 1985 Aug;19(8):810–4

Cystic fibrosis. A disorder of adults too! Scoggin CH. **Postgrad Med** 1985 Apr;77(5):243–4, 248–9, 252

Microvillar enzyme analysis in amniotic fluid and the prenatal diagnosis of cystic fibrosis. Aitken DA, et al. **Prenat Diagn** 1985 Mar–Apr;5(2):119–27

Prenatal diagnosis of cystic fibrosis. Brock DJ. **Prenat Diagn** 1985 Mar–Apr;5(2):93–5

A comparative study of microvillar enzyme activities in the prenatal diagnosis of cystic fibrosis. Brock DJ. **Prenat Diagn** 1985 Mar–Apr;5(2):129–34

Amniotic fluid microvillar enzyme activities in the early detection of fetal abnormalities. Brock DJ, et al. **Prenat Diagn** 1984 Jul–Aug;4(4):261–6

Prenatal diagnosis of cystic fibrosis using a monoclonal antibody specific for intestinal alkaline phosphatase. Brock DJ, et al. **Prenat Diagn** 1984 Nov–Dec;4(6):421–6

Amniotic fluid disaccharidases in the prenatal detection of cystic fibrosis. Kleijer WJ, et al. **Prenat Diagn** 1985 Mar–Apr;5(2):135–43

Prenatal diagnosis of cystic fibrosis. I. Prospective study of 51 pregnancies. Muller F, et al. **Prenat Diagn** 1985 Mar–Apr;5(2):97–108

Immunoreactive trypsin level in fetoscopically-obtained cord sera of second trimester fetuses. Ryley HC, et al. **Prenat Diagn** 1984 Jul–Aug;4(4):303–6

Disaccharidase deficiency in amniotic fluid from cases of cystic fibrosis. Schwartz M, et al. **Prenat Diagn** 1985 Mar–Apr;5(2):145–8

Coulometric titration of sweat collected with the Webster Collection System. Itano M, et al. **Respiration** 1985;47(3):220–4

The birth of a child with a congenital anomaly. Part III. Response of parents to the diagnosis. De Wet B, et al. **S Afr Med J** 1985 Mar 9;67(10):370–3

The birth of a child with a congenital anomaly. Part II. The prediagnostic phase after discharge from the maternity home. de Wet B, et al. **S Afr Med J** 1985 Mar 2;67(9):340–3

Prenatal diagnosis of cystic fibrosis in South Africa. Nelson MM, et al. **S Afr Med J** 1984 Nov 3;66(18):688–90

Unexpected diagnosis of cystic fibrosis at autopsy. Rosenstein BJ, et al. **South Med J** 1984 Nov;77(11):1383–5

Newly diagnosed cystic fibrosis in middle and later life [letter] Gibson LE. **Thorax** 1985 Aug;40(8):639

Newly diagnosed cystic fibrosis in middle and later life. Hunt B, et al. **Thorax** 1985 Jan;40(1):23–6

[Prenatal diagnosis of mucoviscidosis] Boué A, et al. **Presse Med** 1985 Mar 9;14(10):575–6 **(Fre)**

[Endocrine pancreas function in mucoviscidosis] Knöpfle G. **Klin Padiatr** 1985 Jan–Feb;197(1):13–20 (Eng. Abstr.) **(Ger)**

[Neonatal screening for mucoviscidosis using the BM-test-meconium] Grüttner R, et al. **Monatsschr Kinderheilkd** 1985 Jan;133(1):54–6 (38 ref.) (Eng. Abstr.) **(Ger)**

[Value of isoamylases in the diagnosis of exocrine pancreatic insufficiency in childhood] Morgenstern T, et al. **Monatsschr Kinderheilkd** 1984 Sep;132(9):661–5 (Eng. Abstr.) **(Ger)**

[Generalized secondary amyloidosis in a patient with cystic fibrosis. Echographic findings at the renal level] Chiesa GM, et al. **Radiol Med (Torino)** 1984 Sep;70(9):624–5 **(Ita)**

[Prognosis of mucoviscidosis in children] Rachinskiĭ SV, et al. **Pediatriia** 1984 Oct;(10):21–2 (Eng. Abstr.) **(Rus)**

[New data on the problem of mucoviscidosis] Kapranov NI. **Vestn Akad Med Nauk SSSR** 1985;(6):49–55 (Eng. Abstr.) **(Rus)**

[Cystic fibrosis in the adult (letter)] de Gracia J, et al. **Med Clin (Barc)** 1984 Sep 29;83(9):392–3 **(Spa)**

[Mucoviscidosis in the adult] Urbano Ispizua A, et al. **Rev Clin Esp** 1985 May;176(8):417–9 (Eng. Abstr.) **(Spa)**

DIET THERAPY

Effect of supplementing medium chain triglycerides with linoleic acid-rich monoglycerides on severely disturbed serum lipid fatty acid patterns in patients with cystic fibrosis. Christophe A, et al. **Ann Nutr Metab** 1985;29(4):239–45

Early onset of essential fatty acid deficiency in patients with cystic fibrosis receiving a semisynthetic diet. Parsons HG, et al. **J Pediatr** 1984 Dec;105(6):958–61

What do children with cystic fibrosis eat? Bell L, et al. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S137–46

Linoleic acid absorption from lipid supplements in patients with cystic fibrosis with pancreatic insufficiency and in control subjects. McKenna MC, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):45–51

Energy needs and nutritional rehabilitation in undernourished adolescents and young adult patients with cystic fibrosis. Pencharz P, et al. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S147–53

The effect of nutritional rehabilitation on whole body protein metabolism of children with cystic fibrosis. Parsons HG, et al. **Pediatr Res** 1985 Feb;19(2):189–92

DRUG THERAPY

The influence of long-term cimetidine as an adjuvant to pancreatic enzyme therapy in cystic fibrosis. Chalmers DM, et al. **Acta Paediatr Scand** 1985 Jan;74(1):114–7

Intensive treatment of pseudomonas chest infection in cystic fibrosis: a comparison of tobramycin and ticarcillin, and netilmicin and ticarcillin. Conway SP, et al. **Acta Paediatr Scand** 1985 Jan;74(1):107–13

Ceftazidime therapy in patients with cystic fibrosis and multiply-drug-resistant pseudomonas. Blumer JL, et al. **Am J Med** 1985 Aug 9;79(2A):37–46

A longitudinal study of bronchodilator responsiveness in cystic fibrosis. Hordvik NL, et al. **Am Rev Respir Dis** 1985 Jun;131(6):889–93

Sodium cromoglycate-induced changes in the dose-response curve of inhaled methacholine in cystic fibrosis. Mitchell I. **Ann Allergy** 1985 Mar;54(3):233–5

Antibiotic use in cystic fibrosis. Kelly HW, et al. **Drug Intell Clin Pharm** 1984 Oct;18(10):772–83 (150 ref.)

Dosage of tobramycin in cystic fibrosis—a short report. Chrystyn H, et al. **J Clin Hosp Pharm** 1985 Jun;10(2):219–20

Ticarcillin/clavulanic acid pharmacokinetics in children and young adults with cystic fibrosis. Jacobs RF, et al. **J Pediatr** 1985 Jun;106(6):1001–7

Treatment of cystic fibrosis with trimethoprim-sulfamethoxazole [letter] Marks MI. **J Pediatr** 1984 Oct;105(4):679–80

Antibiotic dosage in cystic fibrosis [editorial] **Lancet** 1985 May 4;1(8436):1020–1

Alternate-day prednisone reduces morbidity and improves pulmonary function in cystic fibrosis. Auerbach HS, et al. **Lancet** 1985 Sep 28;2(8457):686–8

Nebulised colomycin for early pseudomonas colonisation in cystic fibrosis [letter] Littlewood JM, et al. **Lancet** 1985 Apr 13;1(8433):865

Cisapride in cystic fibrosis [letter] Prinsen JE, et al. **Lancet** 1985 Mar 2;1(8427):512–3

Effect of taurine supplements on fat absorption in cystic fibrosis. Darling PB, et al. **Pediatr Res** 1985 Jun;19(6):578–82

[Current principles of antibacterial therapy of bronchopulmonary diseases in children] Sereda EV, et al. **Vestn Akad Med Nauk SSSR** 1985;(6):56–60 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Ribonuclease in different types of saliva from cystic fibrosis patients. Ceder O, et al. **Acta Paediatr Scand** 1985 Jan;74(1):102–6

Detection of proteases of Pseudomonas aeruginosa in immune complexes isolated from sputum of cystic fibrosis patients. Döring G, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Oct;92(5):307–12

Biochemical and pathologic evidence for proteolytic destruction of lung connective tissue in cystic fibrosis. Bruce MC, et al. **Am Rev Respir Dis** 1985 Sep;132(3):529–35

Erythrocyte cytosolic free Ca2+ and plasma membrane Ca2+-ATPase activity in cystic fibrosis. Waller RL, et al. **Cell Calcium** 1985 Jun;6(3):245–64

Unusual gamma-glutamyltransferase isoenzyme pattern in serum in cystic fibrosis [letter] Rosalki SB, et al. **Clin Chem** 1985 May;31(5):779

Plasma and submandibular saliva lysosomal enzymes in cystic fibrosis. Oglesbee LH, et al. **Clin Chim Acta** 1984 Nov 15;143(2):135–45

Role of Pseudomonas aeruginosa exoenzymes in lung infections of patients with cystic fibrosis. Döring G, et al. **Infect Immun** 1985 Sep;49(3):557–62

Age-related alterations in immunoreactive pancreatic lipase and cationic trypsinogen in young children with cystic fibrosis. Cleghorn G, et al. **J Pediatr** 1985 Sep;107(3):377–81

Pancreatic lipase, colipase, and cystic fibrosis. Forstner G, et al. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S106–12

Lingual lipase activity in cystic fibrosis. **Nutr Rev** 1984 Oct;42(10):344–5

Serum neutral alpha-D-glucosidase from patients with cystic fibrosis and chronic pulmonary disease. Alhadeff JA, et al. **Pediatr Res** 1985 Feb;19(2):171–4

Correction of gamma-glutamyl transpeptidase deficiency in amniotic fluid of some cystic fibrosis fetuses by mixing with nondeficient fluids. Ben-Yoseph Y, et al. **Pediatr Res** 1984 Dec;18(12):1340–3

Calcium-ATPase activity in cystic fibrosis erythrocyte membranes: decreased activity in patients with pancreatic insufficiency. Dearborn DG, et al. **Pediatr Res** 1984 Sep;18(9):890–5

[Kinetic determination of exocrine arginine esterase enzyme activity in mixed saliva and serum of heterozygous in mucoviscidosis in comparison to controls] Röhr A, et al. **Padiatr Grenzgeb** 1985;24(4):325–30 (Eng. Abstr.) **(Ger)**

ETIOLOGY

The role of biogenic amines in the regulation of exocrine gland function: a possible mechanism for the pathogenesis of cystic fibrosis. Tenenhouse A, et al. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S19–24

[Disturbed energy metabolism and intracellular acidosis are important for the pathogenesis of cystic fibrosis] Kollberg H. **Lakartidningen** 1985 Feb 13;82(7):494–6 **(Swe)**

FAMILIAL & GENETIC

Incidence in Italy, genetic heterogeneity, and segregation analysis of cystic fibrosis. Romeo G, et al. **Am J Hum Genet** 1985 Mar;37(2):338–49

Cystic fibrosis: mutations at more than one locus? [letter] Warwick WJ. **Am J Hum Genet** 1984 Nov;36(6):1399–400

Multiple alleles in cystic fibrosis? [letter] Winter RM. **Am J Hum Genet** 1984 Nov;36(6):1398–9

Lectin-like factor and co-factor in serum from cystic fibrosis heterozygotes. Lieberman J, et al. **Am J Med** 1984 Oct;77(4):678–82

Application of pyrolysis/gas chromatography/pattern recognition to the detection of cystic fibrosis heterozygotes. Pino JA, et al. **Anal Chem** 1985 Jan;57(1):295–302

Cystic fibrosis heterozygotes have normal autonomic innervation of the heart. Mitchell EA, et al. **Aust Paediatr J** 1985 May;21(2):127–8

Cystic fibrosis; hint of linkage with F13B. Eiberg H, et al. **Clin Genet** 1985 Feb;27(2):206

Cystic fibrosis in Pueblo Indian children. Gerdes JS, et al. **Clin Pediatr (Phila)** 1985 Feb;24(2):104–6

Genetic counselling in cystic fibrosis. Results of a survey of 572 families. Passarge E, et al. **Eur J Pediatr** 1984 Nov;143(1):54–7

Quantitative variation in cystic fibrosis-associated proteins in cystic fibrosis patients, carriers, and controls. Jamieson A, et al. **Hum Genet** 1985;70(2):168–71

Linkage studies between polymorphic markers on chromosome 4 and cystic fibrosis. Scambler P, et al. **Hum Genet** 1985;69(3):250–4

Detection of cystic fibrosis heterozygotes using a modified loading with bromide. Theile H, et al. **Hum Genet** 1985;69(3):277–80

Carrier detection in cystic fibrosis. Qureshi AR, et al. **J Pediatr** 1985 Jun;106(6):913–7

Cystic fibrosis and the new genetics [editorial] **Lancet** 1985 Aug 3;2(8449):249–50

Cystic fibrosis is not caused by a defect in the gene coding for human complement C3. Davies KE, et al. **Mol Biol Med** 1983 Sep;1(2):185–90

A new approach to cystic fibrosis [news] Kolata G. **Science** 1985 Apr 12;228(4696):167–8

IMMUNOLOGY

Relation between antibody response to Pseudomonas aeruginosa exoproteins and colonization/infection in patients with cystic fibrosis. Granström M, et al. **Acta Paediatr Scand** 1984 Nov;73(6):772–7

Circulating immune complexes in patients with cystic fibrosis in relation to clinical features. Hodson ME, et al. **Clin Allergy** 1985 Jul;15(4):363–70

Cystic fibrosis--immunological reactions to A. fumigatus and common allergens. Warren CP, et al. **Clin Allergy** 1975 Mar;5(1):1–12

Increased concentrations of the antigen CA-19-9 in serum of cystic fibrosis patients [letter] Duffy MJ, et al. **Clin Chem** 1985 Jul;31(7):1245–6

Reaction of antibody in sera from cystic fibrosis patients with non-toxic forms of Pseudomonas aeruginosa exotoxin A. Klinger KW, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):201–6

Polyclonal B cell stimulation and interleukin 1 induction by the mucoid exopolysaccharide of Pseudomonas aeruginosa associated with cystic fibrosis. Daley L, et al.

J Immunol 1985 May;134(5):3089–93

Immunoreactive trypsin in cystic fibrosis. Davidson AG, et al. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S79–88

Antibodies to liver-specific lipoprotein in children with chronic liver disease due to 'autoimmune' chronic active hepatitis, cystic fibrosis, and alpha 1-antitrypsin deficiency. Larcher VF, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov; 3(5):728–33

A monoclonal antibody recognizes structural variation in cystic fibrosis alpha 2-macroglobulin. Eager KB, et al. **Pediatr Res** 1984 Oct;18(10):999–1004

[Circulating immunocomplexes in patients with cystic fibrosis] Pavluchová J, et al. **Cesk Pediatr** 1984 Dec; 39(12):709–13 (Eng. Abstr.) **(Cze)**

METABOLISM

Whole body protein turnover in malnourished cystic fibrosis patients and its relationship to pulmonary disease. Holt TL, et al. **Am J Clin Nutr** 1985 May;41(5):1061–6

Evidence that Pseudomonas aeruginosa elastase does not inactivate the bronchial inhibitor in the presence of leukocyte elastase. Studies with cystic fibrosis sputum and with pure proteins. Tournier JM, et al. **Am Rev Respir Dis** 1985 Sep;132(3):524–8

Pharmacokinetics of imipenem and cilastatin in patients with cystic fibrosis. Reed MD, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):583–8

Biochemical characterization of the component parts of intestinal mucin from patients with cystic fibrosis. Mantle M, et al. **Biochem J** 1984 Dec 1;224(2):345–54

Carbohydrate chains from human bronchial mucus glycoproteins: a wide spectrum of oligosaccharide structures. Lamblin G, et al. **Biochem Soc Trans** 1984 Aug; 12(4):599–600

Penetration of latamoxef, cefoperazone and piperacillin into the sputum of patients with cystic fibrosis. Laferriere C, et al. **Chemotherapy** 1985;31(4):255–60

Liquid-chromatographic determination of chloride in sweat from cystic fibrosis patients and normal persons. Pillion DJ, et al. **Clin Chem** 1985 Jul;31(7):1155–7

Cobalamin R binder as a possible model molecule for glycoprotein study in cystic fibrosis. Gueant JL, et al. **Clin Chim Acta** 1984 Nov 30;143(3):217–23

Is salt reabsorption in the human sweat duct subject to control? Schwarz V, et al. **Clin Sci** 1985 Apr;68(4):441–7

Altered PABA pharmacokinetics in cystic fibrosis. Implications for bentiromide test. Koren G, et al. **Dig Dis Sci** 1985 Oct;30(10):928–32

X-ray microanalysis of chloride in nails from cystic fibrosis and control patients. Chapman AL, et al. **Eur J Respir Dis** 1985 Mar;66(3):218–23

The chronically pilocarpine-treated rat in the study of cystic fibrosis: investigations on submandibular gland and pancreas. Müller RM, et al. **Exp Mol Pathol** 1985 Aug; 43(1):97–106

Effect of chronic treatment with cystic fibrosis fibroblast medium on rat submandibular gland acinar cells. von Euler AM, et al. **Exp Mol Pathol** 1985 Aug;43(1):142–9

Enhanced glucose absorption in the jejunum of patients with cystic fibrosis. Frase LL, et al. **Gastroenterology** 1985 Feb; 88(2):478–84

Vitamin D metabolism and osteomalacia in cystic fibrosis. Friedman HZ, et al. **Gastroenterology** 1985 Mar; 88(3):808–13

The effects of proteins secreted by fibroblasts from patients with cystic fibrosis on hamster tracheal explants. Wooten MW, et al. **In Vitro Cell Dev Biol** 1985 Apr;21(4):207–15

Pharmacokinetics of dibekacin in children with cystic fibrosis. Courcol RJ, et al. **Int J Clin Pharmacol Res** 1985; 5(2):87–91

Serum and sputum concentrations of ceftazidime in patients with cystic fibrosis. Turner A, et al. **J Antimicrob Chemother** 1984 Nov;14(5):521–7

Serum and sputum concentrations of azlocillin, cefoperazone and ceftazidime in patients with cystic fibrosis. Martini N, et al. **J Clin Hosp Pharm** 1984 Dec;9(4):303–9

Electron microprobe analysis of human labial gland secretory granules in cystic fibrosis. Izutsu K, et al. **J Clin Invest** 1985 Jun;75(6):1951–6

Oligosaccharide structures of the low-molecular-weight salivary mucin from a normal individual and one with cystic fibrosis. Reddy MS, et al. **J Dent Res** 1985 Jan; 64(1):33–6

Glycoproteins in cystic fibrosis: a lectin binding study. Karlsson S, et al. **J Med Genet** 1984 Dec;21(6):441–6

Erratum: renal clearance of gentamicin in cystic fibrosis [letter] MacDonald NE. **J Pediatr** 1984 Oct;105(4):673

Increased sweat chloride levels associated with prostaglandin E1 infusion. Silverman BL, et al. **J Pediatr** 1985 Jun; 106(6):953–4

Cloxacillin absorption and disposition in cystic fibrosis. Spino M, et al. **J Pediatr** 1984 Nov;105(5):829–35

Bile acid malabsorption in cystic fibrosis with and without pancreatic insufficiency. Colombo C, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):556–62

Abnormal mucus: nominated but not yet elected. Forstner J, et al. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S67–73 (15 ref.)

A rational approach to meeting macro- and micronutrient needs in cystic fibrosis. Roy CC, et al. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S154–62

Intraduodenal events in cystic fibrosis. Weber AM, et al. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S113–9

Cystic fibrosis linked to chloride ions' inability to cross certain cells [news] Arehart-Treichel J. **JAMA** 1984 Nov 9;252(18):2519–21

Cholecystokinin and cystic fibrosis [letter] Brock DJ. **Lancet** 1984 Oct 6;2(8406):815–6

Cholecystokinin and cystic fibrosis [letter] Cantor P, et al. **Lancet** 1984 Nov 3;2(8410):1039

Chloride transport in cystic fibrosis placenta [letter] Davis B, et al. **Lancet** 1985 Feb 16;1(8425):392–3

Cholecystokinin and cystic fibrosis [letter] Gosden CM, et al. **Lancet** 1984 Dec 1;2(8414):1273

Cholecystokinin and cystic fibrosis [letter] Jansen JB, et al. **Lancet** 1985 Jan 5;1(8419):58

Persistence of abnormal chloride ion permeability in cystic fibrosis nasal epithelial cells in heterologous culture. Yankaskas JR, et al. **Lancet** 1985 Apr 27;1(8435):954–6

Pancreatic fluid secretion and protein hyperconcentration in cystic fibrosis. Kopelman H, et al. **N Engl J Med** 1985 Feb 7;312(6):329–34

Elevated dopa levels in cystic fibrosis [letter] Schöni MH, et al. **N Engl J Med** 1984 Nov 22;311(21):1380

Determination and characterization of immunoreactive trypsin in amniotic fluid from normal and cystic fibrosis fetuses. Borgström A, et al. **Pediatr Res** 1984 Oct; 18(10):957–9

Aldosterone metabolism and transepithelial potential difference in normal and cystic fibrosis subjects. Knowles MR, et al. **Pediatr Res** 1985 Jul;19(7):676–9

The chronically reserpinized rat as a model for cystic fibrosis: abnormal Cl- transport as the basis for reduced salivary fluid secretion. Martinez JR, et al. **Pediatr Res** 1985 Jul; 19(7):711–6

Altered fucosylation of membrane glycoproteins from cystic fibrosis fibroblasts. Scanlin TF, et al. **Pediatr Res** 1985 Apr; 19(4):368–74

Plasma and urinary catecholamines in patients with cystic fibrosis. Schöni MH, et al. **Pediatr Res** 1985 Jan;19(1):47–52

Cystic fibrosis decreases the apical membrane chloride permeability of monolayers cultured from cells of tracheal epithelium. Widdicombe JH, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6167–71

[Ceftazidime absorption into bronchial secretions in mucoviscidosis patients] Berthelot G, et al. **Pathol Biol (Paris)** 1985 May;33(5):430–4 (Eng. Abstr.) **(Fre)**

[Zinc determination in the serum and urine in children with mucoviscidosis] Henker J, et al. **Kinderarztl Prax** 1984 Aug; 52(8):382–6 **(Ger)**

[Electrophoresis studies of mixed saliva concentrates in mucoviscidosis] Röhr A, et al. **Padiatr Grenzgeb** 1985; 24(3):193–8 (Eng. Abstr.) **(Ger)**

[Ceruloplasmin, haptoglobin and transferrin levels in bronchial secretions of children with chronic respiratory tract diseases] Gaweł J, et al. **Probl Med Wieku Rozwoj** 1984;13:84–90 (Eng. Abstr.) **(Pol)**

[Structuro-functional characteristics of biological membranes in mucoviscidosis in children] Reznik BIa. **Pediatriia** 1984 Oct;(10):22–5 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Polyagglutinability due to loss of O-antigenic determinants in Pseudomonas aeruginosa strains isolated from cystic fibrosis patients. Ojeniyi B, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Feb; 93(1):7–13

Frequency of Aspergillus fumigatus isolates and antibodies to aspergillus antigens in cystic fibrosis. Schønheyder H, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Apr; 93(2):105–12

In vitro activity of BMY-28142 against pediatric pathogens, including isolates from cystic fibrosis sputum. Conrad DA, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):58–63

Occurrence and antimicrobial susceptibility of gram-negative nonfermentative bacilli in cystic fibrosis patients. Klinger JD, et al. **Diagn Microbiol Infect Dis** 1985 Mar;3(2):149–58

Role of exoenzyme S in chronic Pseudomonas aeruginosa lung infections. Nicas TI, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):175–9

Comparison of cefpiramide (HR-810) and four anti-pseudomonal beta-lactam agents against pseudomonas isolates from children with cystic fibrosis. Aronoff SC, et al. **J Antimicrob Chemother** 1985 May;15(5):545–9

In-vitro activity of ciprofloxacin and other antibacterial agents against Pseudomonas aeruginosa and Pseudomonas cepacia from cystic fibrosis patients. Klinger JD, et al. **J Antimicrob Chemother** 1985 Jun;15(6):679–84

Isolation medium for the recovery of Pseudomonas cepacia from respiratory secretions of patients with cystic fibrosis. Gilligan PH, et al. **J Clin Microbiol** 1985 Jul;22(1):5–8

Distribution of biotypes of Haemophilus influenzae and H parainfluenzae in patients with cystic fibrosis. Watson KC, et al. **J Clin Pathol** 1985 Jul;38(7):750–3

Oral colonization and susceptibility testing of Pseudomonas aeruginosa oral isolates from cystic fibrosis patients. Lindemann RA, et al. **J Dent Res** 1985 Jan;64(1):54–7

IgG proteolytic activity of Pseudomonas aeruginosa in cystic fibrosis. Fick RB Jr, et al. **J Infect Dis** 1985 Apr; 151(4):589–98

Pseudomonas cepacia colonization in patients with cystic fibrosis: risk factors and clinical outcome. Tablan OC, et al. **J Pediatr** 1985 Sep;107(3):382–7

In vitro susceptibilities of mucoid Pseudomonas aeruginosa isolates from cystic fibrosis patients against azthreonam, netilmicin and piperacillin. Flournoy DJ, et al. **Methods Find Exp Clin Pharmacol** 1984 Sep;6(9):487–9

Respiratory viruses in cystic fibrosis [editorial] Marks MI. **N Engl J Med** 1984 Dec 27;311(26):1695–6

Pseudomonas aeruginosa in the oral cavity and sputum of patients with cystic fibrosis. Komiyama K, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):590–4

Host defenses in patients with cystic fibrosis: modulation by Pseudomonas aeruginosa. Speert DP. **Surv Synth Pathol Res** 1985;4(1):14–33 (163 ref.)

[Infections of the respiratory tract with Pseudomonas aeruginosa in cystic fibrosis] Winkler U, et al. **Klin Wochenschr** 1985 Jun 3;63(11):490–8 (Eng. Abstr.) **(Ger)**

MORTALITY

Cystic fibrosis survival rates. The influences of allergy and Pseudomonas aeruginosa. Wilmott RW, et al. **Am J Dis Child** 1985 Jul;139(7):669–71

Lengthened survival raises problems in cystic fibrosis [news] Arehart-Treichel J. **JAMA** 1984 Nov 9;252(18):2526–7

Survival of cystic fibrosis patients in South Australia. Evidence that cystic fibrosis centre care leads to better survival. Hill DJ, et al. **Med J Aust** 1985 Sep 16; 143(6):230–2

Cystic fibrosis [editorial] Mellis CM. **Med J Aust** 1985 Sep 16;143(6):227–8

OCCURRENCE

Incidence of cystic fibrosis in ethnic Italians and Greeks and in Australians of predominantly British origin. Allan JL, et al. **Acta Paediatr Scand** 1985 Mar;74(2):286–9

Cystic fibrosis in southern Iran. Karjoo M, et al. **J Trop Pediatr** 1984 Aug;30(4):195–6

Cystic fibrosis in New Zealand: incidence and mortality. Wesley AW, et al. **NZ Med J** 1985 May 8;98(778):321–3

Prevalence and survival of patients with cystic fibrosis in Northern Ireland, 1961–1971. Nevin GB, et al. **Ulster Med J** 1983;52(2):153–6

PATHOLOGY

Carotid body hyperplasia in cystic fibrosis and cyanotic heart disease. A combined morphometric, ultrastructural, and biochemical study. Lack EE, et al. **Am J Pathol** 1985 May; 119(2):301–14

Pleura in pneumothorax. Comparison of patients with cystic fibrosis and idiopathic spontaneous pneumothorax. Tomashefski JF Jr, et al. **Arch Pathol Lab Med** 1985 Oct; 109(10):910–6

Pulmonary air cysts in cystic fibrosis: relation of pathologic features to radiologic findings and history of pneumothorax. Tomashefski JF Jr, et al. **Hum Pathol** 1985 Mar;16(3):253–61

Structural and developmental abnormalities of the exocrine pancreas in cystic fibrosis. Sturgess JM. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S55–66

Explant culture of human submandibular gland epithelial cells: evidence for ductal origin. Sens DA, et al. **Lab Invest** 1985 May;52(5):559–67

Hepatic parenchymal cells in cystic fibrosis: ultrastructural evidence for abnormal intracellular transport. Bradford W, et al. **Pediatr Pathol** 1983 Jul–Sep;1(3):269–79

Scanning electron microscopic study of the airways in normal children and in patients with cystic fibrosis and other lung diseases. Simel DL, et al. **Pediatr Pathol** 1984;2(1):47–64

Prenatal diagnosis of cystic fibrosis. II. Meconium ileus in affected fetuses. Muller F, et al. **Prenat Diagn** 1985 Mar–Apr;5(2):109–17

Fasting serum bile acid levels in relation to liver histopathology in cystic fibrosis. Strandvik B, et al. **Scand J Gastroenterol** 1985 Apr;20(3):381–4

[Case of the progressive pulmonary form of mucoviscidosis in an adult patient] Ianev Ia, et al. **Vutr Boles** 1984; 23(6):79–83 (Eng. Abstr.) **(Bul)**

[Cystic fibrosis of the pancreas and lung] Stöllinger O. **Wien Med Wochenschr** 1985 Jun 30;135(12):307–9 (Eng. Abstr.) **(Ger)**

[Bronchial secretion and bronchial mucosa in children with mucoviscidosis: results of comparative bronchoscopic, biochemical, bacteriologic, light and electron microscopic studies] Wunderlich P, et al. **Z Erkr Atmungsorgane** 1985; 164(1):25–38 (Eng. Abstr.) **(Ger)**

[Fibrocystic disease of the pancreas: a presentation feature. Anatomopathological report] Heffes Nahmod LA, et al. **Arq Gastroenterol** 1984 Jan–Mar;21(1):39–45 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Ventilatory response to exercise in cystic fibrosis [letter] Canny GJ. **Acta Paediatr Scand** 1985 May;74(3):451–2

Differing luminal potential difference of cystic fibrosis and control sweat secretory coils in vitro. Sato K. **Am J Physiol** 1984 Oct;247(4 Pt 2):R646–9

Radionuclide assessment of right and left ventricular function during bicycle exercise in young patients with cystic fibrosis. Benson LN, et al. **Am Rev Respir Dis** 1984 Dec; 130(6):987–92

The effects of chronic hyperinflation, nutritional status, and posture on respiratory muscle strength in CF [letter] Boland MP, et al. **Am Rev Respir Dis** 1984 Nov;130(5):949

Effect of vasodilators at rest and during exercise in young adults with cystic fibrosis and chronic cor pulmonale. Geggel RL, et al. **Am Rev Respir Dis** 1985 Apr; 131(4):531-6

Bronchodilators increase airway instability in cystic fibrosis. Zach MS, et al. **Am Rev Respir Dis** 1985 Apr;131(4):537-43

Pancreatic polypeptide in cystic fibrosis. Nousia-Arvanitakis S, et al. **Arch Pathol Lab Med** 1985 Aug;109(8):722-6

The calcium hypothesis of cystic fibrosis. Katz S, et al. **Cell Calcium** 1984 Oct;5(5):421-40 (135 ref.)

Reduction of the single breath CO diffusing capacity in cystic fibrosis. Cotton DJ, et al. **Chest** 1985 Feb;87(2):217-22

Use of oral contraceptives in women with cystic fibrosis. Fitzpatrick SB, et al. **Chest** 1984 Dec;86(6):863-7

Acute and chronic models for hypersecretion of intestinal mucin. Forstner J, et al. **Ciba Found Symp** 1984;109:61-71

Diagnostic and therapeutic applications of bentiromide screening test for exocrine pancreatic insufficiency in patients with cystic fibrosis. Comparison with other tests of exocrine pancreatic disease. Hubbard VS, et al. **Dig Dis Sci** 1984 Oct;29(10):881-9

Cardiac function in patients with cystic fibrosis: evaluation by two-dimensional and Doppler echocardiography. Panidis IP, et al. **J Am Coll Cardiol** 1985 Sep;6(3):701-6

Symptomatic hypomagnesemia in cystic fibrosis. Green CG, et al. **J Pediatr** 1985 Sep;107(3):425-8

Effects of long-term nutritional rehabilitation on body composition and clinical status in malnourished children and adolescents with cystic fibrosis. Levy LD, et al. **J Pediatr** 1985 Aug;107(2):225-30

Gastroesophageal reflux in patients with cystic fibrosis. Scott RB, et al. **J Pediatr** 1985 Feb;106(2):223-7

Assessment of glomerular filtration rate and effective renal plasma flow in cystic fibrosis. Spino M, et al. **J Pediatr** 1985 Jul;107(1):64-70

Pathophysiology of the pancreas in cystic fibrosis. Adelson JW. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S74-8 (17 ref.)

Improved prognosis in CF patients with normal fat absorption. Corey M, et al. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S99-105

Pancreatic function testing in cystic fibrosis. Durie PR, et al. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S89-98

Apparent absence of cystic fibrosis sweat factor on ion-selective and transport properties of the perfused human sweat duct. Bijman J, et al. **Pediatr Res** 1984 Dec; 18(12):1292-6

Carbohydrate tolerance in cystic fibrosis is closely linked to pancreatic exocrine function. Geffner ME, et al. **Pediatr Res** 1984 Nov;18(11):1107-11

Effect of human saliva and serum on ion transport by dog tracheal mucosa. Comparison of normal subjects with cystic fibrosis patients. Al-Bazzaz FJ, et al. **Respiration** 1984;46(1):88-96

Pathophysiological aspects of pancreatic diseases in childhood. The case of cystic fibrosis. Mastella G, et al. **Ric Clin Lab** 1984 Jul-Sep;14(3):367-81

Deficient vasoactive intestinal peptide innervation in the sweat glands of cystic fibrosis patients. Heinz-Erian P, et al. **Science** 1985 Sep 27;229(4720):1407-8

Transepithelial potential difference in cystic fibrosis. Hay JG, et al. **Thorax** 1985 Jul;40(7):493-6

[Hepatic surveillance during mucoviscidosis] Feigelson J, et al. **Ann Pediatr (Paris)** 1985 Mar;32(3):218-22 (Eng. Abstr.) **(Fre)**

[Failure of static pulmonary volume measurements in mucoviscidosis] Haluszka J, et al. **Rev Mal Respir** 1984; 1(5):285-8 (Eng. Abstr.) **(Fre)**

[Respiratory regulation in healthy children and in children with cystic fibrosis in an exercise test] Kraemer R. **Prax Klin Pneumol** 1984 Jul;38(7):272-5 (Eng. Abstr.) **(Ger)**

[Are there mucoviscidosis-specific humoral factors? 2: Function, detection procedures, conclusions] Hein J. **Z Erkr Atmungsorgane** 1985;164(2):133-44 **(Ger)**

[Influence of hypoxia on the EEG of patients with cystic fibrosis] Brero P, et al. **Minerva Pediatr** 1985 Feb 28; 37(4):161-3 (Eng. Abstr.) **(Ita)**

[Cholestasis syndrome in mucoviscidosis] Popa I, et al. **Rev Pediatr Obstet Ginecol [Pediatr]** 1985 Jan-Mar; 34(1):45-51 (Eng. Abstr.) **(Rum)**

[Physical development of children with mucoviscidosis] Kapranov NI. **Pediatriia** 1985 Apr;(4):45-6 **(Rus)**

PREVENTION & CONTROL

[15 years' activity of the Work Group for Mucoviscidosis Control in East Germany] Dietzsch HJ. **Kinderarztl Prax** 1984 Nov;52(11):485-8 (Eng. Abstr.) **(Ger)**

[Mucoviscidosis screening by determination of immunoreactive trypsin] Sander J, et al. **Klin Padiatr** 1984 Jul-Aug;196(4):224-7 (Eng. Abstr.) **(Ger)**

PSYCHOLOGY

Parent interview findings regarding the impact of cystic fibrosis on families. Phillips S, et al. **J Dev Behav Pediatr** 1985 Jun;6(3):122-7

Sweet sorrow: the color-shading response in an adult cystic fibrosis population. Sanders D, et al. **J Pers Assess** 1984 Oct;48(5):476-7

Growing older with cystic fibrosis: psychologic adjustment of patients more than 16 years old. Cowen L, et al. **Psychosom Med** 1984 Jul-Aug;46(4):363-76

The birth of a child with a congenital anomaly. Part I. Some difficulties experienced by parents in the maternity home. de Wet B, et al. **S Afr Med J** 1985 Feb 23;67(8):292-6

Family adaptation and psychosocial adjustment to cystic fibrosis in the preschool child. Cowen L, et al. **Soc Sci Med** 1985;20(6):553-60

RADIOGRAPHY

The distinctly visible right upper lobe bronchus on the lateral chest: a clue to adolescent cystic fibrosis. Reinig JW, et al. **Pediatr Radiol** 1985;15(4):222-4

A comparison of the Shwachman, Chrispin-Norman and Brasfield methods for scoring of chest radiographs of patients with cystic fibrosis. te Meerman GJ, et al. **Pediatr Radiol** 1985;15(2):98-101

RADIONUCLIDE IMAGING

Radionuclide assessment of cardiac performance in cystic fibrosis. Reproducibility and effect of theophylline on cardiac function. Canny GJ, et al. **Am Rev Respir Dis** 1984 Nov;130(5):822-6

REHABILITATION

Prediction of rehabilitation status of young adults with cystic fibrosis. Goldberg RT, et al. **Arch Phys Med Rehabil** 1985 Aug;66(8):492-5

The effect of a home exercise programme in children with cystic fibrosis and asthma. Holzer FJ, et al. **Aust Paediatr J** 1984 Nov;20(4):297-301

SURGERY

[Total pancreatoduodenectomy for multiple pancreatic cysts] Masalin MM, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):135-6 **(Rus)**

THERAPY

Does chest physical therapy move airway secretions? Wanner A. **Am Rev Respir Dis** 1984 Nov;130(5):701-2

Cystic fibrosis. Mearns MB. **Arch Dis Child** 1985 Mar; 60(3):272-7

Dietary supplements in cystic fibrosis [letter] Warwick WJ. **J Pediatr** 1984 Dec;105(6):1007-8

Progress continues against cystic fibrosis [news] **JAMA** 1984 Nov 9;252(18):2527

Selenium responsive myositis during prolonged home total parenteral nutrition in cystic fibrosis. Watson RD, et al. **JPEN** 1985 Jan-Feb;9(1):58-60

Survival in cystic fibrosis [letter] Littlewood JM, et al. **Lancet** 1984 Oct 6;2(8406):816

Progress in research on cystic fibrosis [editorial] Geddes D. **Thorax** 1984 Oct;39(10):721-5

[Performance of kinesitherapy by parents in the treatment of cystic fibrosis] Remondière R. **Rev Pneumol Clin** 1984; 40(6):377-82 (Eng. Abstr.) **(Fre)**

[Inpatient, day clinic and ambulatory care of children with lung diseases] Stephan U. **Monatsschr Kinderheilkd** 1984 Sep;132(9):640-2 **(Ger)**

URINE

Tissue culture of epithelial cells from urine. II. Application to patients with cystic fibrosis. Sens MA, et al. **Pediatr Pathol** 1984;2(2):165-70

CYSTICERCOSIS

Cysticercosis cerebri. Report on seven cases. Ferrante L, et al. **Acta Neurochir (Wien)** 1985;76(1-2):28-35

Cysticercosis. A modern day plague. Brown WJ, et al. **Pediatr Clin North Am** 1985 Aug;32(4):953-69 (39 ref.)

[A case of Cysticercus racemosus in man] Iori A, et al. **Parassitologia** 1982 Dec;24(2-3):151-4 (Eng. Abstr.) **(Ita)**

CEREBROSPINAL FLUID

[Pure spinal cysticercosis. Note on the cerebrospinal fluid] Carydakis C, et al. **Rev Neurol (Paris)** 1984;140(10):590-3 (Eng. Abstr.) **(Fre)**

[Detection by the immunoenzymatic test ELISA of IgM anti-Cysticercus cellulosae antibodies in the cerebrospinal fluid in neurocysticercosis] Costa JM, et al. **Arq Neuropsiquiatr** 1985 Mar;43(1):22-8 (Eng. Abstr.) **(Por)**

CLASSIFICATION

Neurocysticercosis: a new classification based on active and inactive forms. A study of 753 cases. Sotelo J, et al. **Arch Intern Med** 1985 Mar;145(3):442-5

COMPLICATIONS

Shifting CNS symptoms in a chronic alcoholic. Lé CT, et al. **Hosp Pract [Off]** 1985 Jun 15;20(6):110H, 110K, 110P

[A case of hydrocephalus due to cysticercosis cerebri] Ishizuka N, et al. **Rinsho Shinkeigaku** 1984 Aug;24(8):802-5 (Eng. Abstr.) **(Jpn)**

[Neurocysticercosis associated with hypoparathyroidism and Fahr's disease (?): report of a case] Delgado-Rodrigues RN. **Arq Neuropsiquiatr** 1984 Dec;42(4):388-91 (Eng. Abstr.) **(Por)**

DIAGNOSIS

Cerebral cysticercosis in children in South Africa. Thomson AJ, et al. **Ann Trop Paediatr** 1984 Jun;4(2):67-77

Cerebral cysticercosis: an overview. Miller BL, et al. **Bull Clin Neurosci** 1983;48:2-5

Enzyme-linked immunosorbent assay for the diagnosis of cerebral cysticercosis. Mohammad IN, et al. **J Clin Microbiol** 1984 Oct;20(4):775-9

Cerebral cysticercosis of the fourth ventricle: a problem in primary care diagnosis. Elliott EM, et al. **J Fam Pract** 1984 Oct;19(4):553, 557

Recent advances in the diagnosis and treatment of cerebral cysticercosis. Nash TE, et al. **N Engl J Med** 1984 Dec 6;311(23):1492-6 (19 ref.)

Cysticercosis and taeniasis [letter] Richards F Jr, et al. **N Engl J Med** 1985 Mar 21;312(12):787-8

Ocular cysticercosis. Diagnostic and therapeutic problems. Bourgeois H, et al. **Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique** 1984;(1):37-44, 45-51 **(Eng, Fre)**

Serodiagnosis of human cysticercosis using a chromatofocused antigenic preparation of Taenia solium cysticerci in an enzyme-linked immunosorbent assay (ELISA). Coker-Vann M, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):492-6

[Multifocal cerebral, meningeal and subcutaneous cysticercosis] Vacek J, et al. **Cesk Neurol Neurochir** 1985 May;48(3):186-9 (Eng. Abstr.) **(Cze)**

[Intravitreous cystercercosis, a rare imported pathology. Apropos of a case] Saliou P, et al. **Bull Soc Pathol Exot Filiales** 1984;77(5):686-9 (Eng. Abstr.) **(Fre)**

[A case of the acinous form of meningeal cysticercosis] Kozik MB, et al. **Neurol Neurochir Pol** 1984 Mar-Apr;18(2):171-3 (Eng. Abstr.) **(Pol)**

[Evaluation of Cysticercus cellulosae antigens in the immunodiagnosis of human cysticercosis by indirect hemagglutination] Nascimento E, et al. **Rev Inst Med Trop Sao Paulo** 1984 Nov-Dec;26(6):289-94 (Eng. Abstr.) **(Por)**

[Use of the ELISA method in the diagnosis of cysticercosis] Téllez Girón E, et al. **Bol Of Sanit Panam** 1984 Jul; 97(1):8-13 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Cysticercosis: a new hope [editorial] Bell DR. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):857-8

Medical management of neurocysticercosis with Praziquantel. Lawner PM. **Bull Clin Neurosci** 1983; 48:102-5

Cerebral cysticercosis. Treatment with praziquantil [editorial] **Cent Afr J Med** 1984 Sep;30(9):181

Advances in the treatment of cysticercosis: praziquantel. Rana PV. **J Assoc Physicians India** 1985 Apr;33(4):285-6

Cysticercosis and praziquantel therapy [letter] Biller J, et al. **Neurology** 1984 Dec;34(12):1621-2

Praziquantel in the treatment of neurocysticercosis: long-term follow-up. Sotelo J, et al. **Neurology** 1985 May; 35(5):752-5

Treatment of dermal cysticercosis with praziquantel. A new cestocidal agent. Baranski MC. **Rev Inst Med Trop Sao Paulo** 1984 Sep-Oct;26(5):259-66

Neurocysticercosis--a comprehensive approach to medical treatment. Joubert J, et al. **S Afr Med J** 1985 Jul 6;68(1): 11-4

Subcutaneous and cerebral cysticercosis treated with praziquantel. Quimosing EM, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun; 15(2):201-5

Successful treatment of neurocysticercosis with low-dose praziquantel. Pun KK, et al. **Trop Geogr Med** 1984 Sep; 36(3):303-4

[Treatment and follow up of 50 cases of cerebral cysticercosis with praziquantel] Zhu DY, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1985;3(1):50-3 (Eng. Abstr.) **(Chi)**

[Effect of praziquantel in the treatment of 111 cases of cerebral cysticercosis cellulosae] Chen WK. **Chung Hua Nei Ko Tsa Chih** 1984 Sep;23(9):561-3 (Eng. Abstr.) **(Chi)**

[Subclinical cerebral cysticercosis and Biltricide (praziquantel)] Zhu DY, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Aug; 6(4):281-4 (Eng. Abstr.) **(Chi)**

IMMUNOLOGY

The immunology of cerebral cysticercosis. Miller BL, et al. **Bull Clin Neurosci** 1983;48:18-23

Antigen-antibody analyses in neurocysticercosis. Grogl M, et al. **J Parasitol** 1985 Aug;71(4):433-42

METABOLISM

Intra-blood-brain barrier IgG synthesis in cerebral cysticercosis. Miller BL, et al. **Arch Neurol** 1985 Aug; 42(8):782-4

Changes in ascorbic acid content in various organs and serum of mice experimentally infected with Taenia crassiceps (Zeder, 1800) cysticerci. Strnadová E, et al. **Folia Parasitol (Praha)** 1985;32(2):185–8

OCCURRENCE

Cysticercosis in South India. Veliath AJ, et al. **J Trop Med Hyg** 1985 Feb;88(1):25–9

[2 cases of cysticercosis observed in Cameroon] Marty P, et al. **Med Trop (Mars)** 1985 Jan–Mar;45(1):83–6 (Eng. Abstr.) **(Fre)**

[Neurocysticercosis in the Southeast of Bahia: apropos of 4 cases] Peregrino AJ, et al. **Arq Neuropsiquiatr** 1985 Mar; 43(1):55–60 (Eng. Abstr.) **(Por)**

[Cysticercosis in Mexico] González-Angulo A, et al. **Gac Med Mex** 1984 Sep–Oct;120(9–10):309–26 **(Spa)**

PARASITOLOGY

Pathology of the migration phase of Taenia hydatigena (Pallas, 1766) larvae. Blažek K, et al. **Folia Parasitol (Praha)** 1985;32(2):127–37

Host-parasite relationship in human cysticercosis. Mahmood SA, et al. **Indian J Med Res** 1984 Nov;80:532–40

[Clinical and morphologic characteristics of cysticercosis of the central nervous system] Dordević D, et al. **Zb Vojnomed Akad** 1983;25:48–52 (Eng. Abstr.) **(Scr)**

PATHOLOGY

Intraocular cysticercosis. Kruger-Leite E, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):252–7

Pathology of CNS cysticercosis. Itabashi HH. **Bull Clin Neurosci** 1983;48:6–17

Cerebral cysticercosis: diagnostic value of subcutaneous nodules. Report of two cases. Falanga V, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):304–7

Cerebral cysticercosis. Shrivastava MP, et al. **J Indian Med Assoc** 1984 Aug;82(8):291–2

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 48–1984. A 43-year-old Haitian man with headaches and visual abnormalities. **N Engl J Med** 1984 Nov 29;311(22):1425–32

PREVENTION & CONTROL

[Cerebral cysticercosis (letter)] Estañol B, et al. **Gac Med Mex** 1985 Mar–Apr;121(3–4):170–1 **(Spa)**

RADIOGRAPHY

Intraventricular cysticercal cysts: further neuroradiologic observations and neurosurgical implications. Zee CS, et al. **AJNR** 1984 Nov–Dec;5(6):727–30

Transventricular migration of cysticercal cyst during pneumoencephalography. Kerin D, et al. **Bull Clin Neurosci** 1983;48:61–84

Radiologic considerations in neurocysticercosis. Mehringer CM, et al. **Bull Clin Neurosci** 1983;48:24–47

Neuroradiology of intraventricular cysticercosis. Zee CS, et al. **Bull Clin Neurosci** 1983;48:85–92

CT in cerebral cysticercosis [letter] **Neurology (NY)** 1984 Oct; 34(10):1396

Spinal cysticercosis. Kim KS, et al. **Surg Neurol** 1985 Jul; 24(1):80–2

[Radiological aspects of cerebral and spinal cysticercosis. Apropos of 2 cases] Dietemann JL, et al. **J Radiol** 1985 Feb;66(2):143–9 (Eng. Abstr.) **(Fre)**

SURGERY

Cerebral cysticercosis: surgical considerations. Locke GE, et al. **Bull Clin Neurosci** 1983;48:93–101

CT-guided aspiration of a cysticercotic thalamic cyst. Seigel RS, et al. **Bull Clin Neurosci** 1983;48:48–60

Neurosurgical management of selected parasitic diseases of the Western Hemisphere. Ortiz-Suarez HJ. **Minn Med** 1985 Jul;68(7):541–3

THERAPY

[Recent developments in the treatment of cysticercosis by traditional Chinese medicine and western medicine] Wu ZD. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):118–20 (24 ref.) **(Chi)**

TRANSMISSION

Investigation of another probable mechanism of infection in cysticercosis I. A report of preliminary findings. Salazar-Schettino PM, et al. **Arch Invest Med (Mex)** 1984 Jul–Sep;15(3):205–13 **(Eng, Spa)**

VETERINARY

The transmission of Taenia saginata in Britain. Crewe W. **Ann Trop Med Parasitol** 1984 Jun;78(3):249–51

Taenia saginata cysticercosis in an Ohio cattle feeding operation. Fertig DL, et al. **J Am Vet Med Assoc** 1985 Jun 15;186(12):1281–5

Counter current immunoelectrophoresis, a new technique for the rapid serodiagnosis of porcine cysticercosis. Pathak KM, et al. **J Helminthol** 1984 Dec;58(4):321–4

Absorption of cysticerci in cattle after treatment of taenia saginata cysticercosis with praziquantel. Harrison LJ, et al. **Res Vet Sci** 1984 Nov;37(3):378–80

[Changes in the ECG telemetry of lambs infected with Cysticercus ovis] Kostov I, et al. **Vet Med Nauki** 1985; 22(6):56–61 (Eng. Abstr.) **(Bul)**

[Protection of large herds of young cattle against Cysticercus bovis infection] Chroustová E, et al. **Angew Parasitol** 1984 Nov;25(4):217–9 **(Ger)**

[Urban alternate host cycle of Taenia saginata in Wittstock County, district of Potsdam (East Germany)] Engelbrecht H, et al. **Angew Parasitol** 1984 Aug;25(3):126–32 (Eng. Abstr.) **(Ger)**

[Intrauterine infection of calves with cysticercosis and the role of this factor in the epidemiology of taeniarhynchosis] Nadzhafov IG, et al. **Med Parazitol (Mosk)** 1985 Jan–Feb; (1):74–7 (Eng. Abstr.) **(Rus)**

[Possibilities of pasture contamination with Taeniarhynchus saginatus eggs] Straka S, et al. **Bratisl Lek Listy** 1985 Aug; 84(2):209–14 (Eng. Abstr.) **(Slo)**

CYSTICERCUS see under **TAENIA**

CYSTINE

On the recovery of Cys-containing peptides during peptide mapping by HPLC. Tryptic peptides of Trp-tRNA synthetase of E.coli. Koeppe RE 2d, et al. **FEBS Lett** 1985 Apr 22;183(2):313–6

[Dissolution of a cystine stone by antegrade electric flow] Tóth C, et al. **Orv Hetil** 1985 Jun 9;126(23):1423–4 (Eng. Abstr.) **(Hun)**

ADMINISTRATION & DOSAGE

Effects of excess dietary L-cystine on the rat plasma lipoproteins. Sérougne C, et al. **Ann Nutr Metab** 1984; 28(5):311–20

Variation of Se, Zn, Co, Fe and Rb distribution in rats after injection with selenium or sulfur compounds. Czauderna M, et al. **Int J Appl Radiat Isot** 1984 Dec;35(12):1121–4

ANALOGS & DERIVATIVES

Selenocystine is not a cystine antimetabolite in L1210 cells. Fisher JM, et al. **Cancer Lett** 1985 Aug;28(1):43–6

Cystine accumulation and clearance in normal and cystinotic fibroblasts exposed to cystine dimethyl ester. Steinherz R, et al. **Clin Chim Acta** 1984 Aug 31;141(2–3):119–25

Comparative study of cystine clearance in cystinotic and I-cell fibroblasts upon exposure to cystine dimethyl ester. Steinherz R, et al. **Enzyme** 1984;32(2):126–30

Prenatal diagnosis of cystinosis upon exposure of amniotic cells to cystine dimethyl ester. Steinherz R, et al. **Isr J Med Sci** 1985 Jun;21(6):537–9

[New 2,4-dibromo-6-(N-cyclohexyl-N-methyl)-aminomethylan of derivatives of cysteine and cystine with expectorant activity] Nardi D, et al. **Farmaco [Sci]** 1985 Feb; 40(2):108–19 (Eng. Abstr.) **(Ita)**

ANALYSIS

Amino acid sequences around the cystine residues in alpaca growth hormone. Cascone O, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(2):123–30

Application of a fluorogenic reagent, ammonium 7-fluorobenzo-2-oxa-1,3-diazole-4-sulfonate for detection of cystine-containing peptides. Sueyoshi T, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1811–3

Identification of the alpha subunit half-cystine specifically labeled by an affinity reagent for the acetylcholine receptor binding site. Kao PN, et al. **J Biol Chem** 1984 Oct 10; 259(19):11662–5

Identification of the cystines which link the acidic and basic components of the glycinin subunits. Staswick PE, et al. **J Biol Chem** 1984 Nov 10;259(21):13431–5

[Extraction and purification of a cystine-rich polypeptide of normal subjects and a patient with palmo-plantar keratoderma] Takahashi M, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Jan;95(1):23–9 **(Jpn)**

ANTAGONISTS & INHIBITORS

Selenocystine is not a cystine antimetabolite in L1210 cells. Fisher JM, et al. **Cancer Lett** 1985 Aug;28(1):43–6

BLOOD

The effect of ions and ionophores on cystine egress from human leucocyte lysosome-rich granular fraction. Bashan N, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):267–73

DEFICIENCY

Tissue glutathione as a cyst(e)ine reservoir during cystine depletion in growing rats. Cho ES, et al. **J Nutr** 1984 Oct; 114(10):1853–62

METABOLISM

Cystine metabolism in the dermatophyte Microsporum gypseum. I. Utilization of cystine in media containing glucose. Kunert J. **Acta Univ Palacki Olomuc Fac Med** 1985;108:39–52

Effect of L-propargylglycine on metabolism of sulfur-containing amino acids in pregnant rats and their fetuses. Sasaki K, et al. **Biochem Int** 1985 Feb;10(2):165–75

pH effects on cystine transport in lysosome-rich leucocyte granular fractions. Gahl WA, et al. **Biochem J** 1985 May 15;228(1):263–7

Cysteamine depletes cystinotic leucocyte granular fractions of cystine by the mechanism of disulphide interchange. Gahl WA, et al. **Biochem J** 1985 Jun 15;228(3):545–50

Anti-inflammatory drug inhibition of transport of cystine and glutamate in cultured human fibroblasts. Bannai S, et al. **Biochem Pharmacol** 1985 May 15;34(10):1852–4

Cystine depletion by WR-1065 in cystinotic cells. Mechanism of action. Butler JD, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2179–85

Lysosomal transport of cystine and other small molecules. Schneider JA, et al. **Biochem Soc Trans** 1984 Dec; 12(6):908–10

Transport of cystine and cysteine in mammalian cells. Bannai S. **Biochim Biophys Acta** 1984 Sep 3;779(3):289–306 (182 ref.)

pH-profile of cystine and glutamate transport in normal and cystinotic human fibroblasts. Forster S, et al. **Biochim Biophys Acta** 1985 Apr 11;814(2):398–400

Cystine accumulation and clearance in normal and cystinotic fibroblasts exposed to cystine dimethyl ester. Steinherz R, et al. **Clin Chim Acta** 1984 Aug 31;141(2–3):119–25

Comparative study of cystine clearance in cystinotic and I-cell fibroblasts upon exposure to cystine dimethyl ester. Steinherz R, et al. **Enzyme** 1984;32(2):126–30

Hydrogen peroxide from cellular metabolism of cystine. A requirement for lysis of murine tumor cells by vernolepin, a glutathione-depleting antineoplastic. Arrick BA, et al. **J Clin Invest** 1985 Aug;76(2):567–74

Buthionine sulfoximine inhibition of cystine uptake and glutathione biosynthesis in human lung carcinoma cells. Brodie AE, et al. **Toxicol Appl Pharmacol** 1985 Mar 15; 77(3):381–7

[Medical treatment of cystine lithiasis in children] Laurenti C, et al. **J Urol (Paris)** 1984;90(2):117–21 (Eng. Abstr.) **(Fre)**

CYSTINEAMINE see **CYSTAMINE**

CYSTINOSIS

COMPLICATIONS

Cystinosis presenting with features suggesting Bartter syndrome. Case report and literature review. Whyte MP, et al. **Clin Pediatr (Phila)** 1985 Aug;24(8):447–51

[An autopsy case of cystinosis with chronic renal failure and primary hypothyroidism] Matsumoto M, et al. **Nippon Naika Gakkai Zasshi** 1984 Aug;73(8):1183–8 **(Jpn)**

DIAGNOSIS

Prenatal diagnosis of cystinosis upon exposure of amniotic cells to cystine dimethyl ester. Steinherz R, et al. **Isr J Med Sci** 1985 Jun;21(6):537–9

[Ophthalmologic manifestations of pediatric cystinosis] Hachet E, et al. **Bull Soc Ophtalmol Fr** 1983 Dec; 83(12):1395–6 (Eng. Abstr.) **(Fre)**

[A case of cystinosis appearing as Bartter's syndrome] Areses R, et al. **An Esp Pediatr** 1985 Feb;22(2):156–9 **(Spa)**

DRUG THERAPY

In vivo alteration of a mutant human protein using the free thiol cysteamine. Gahl WA, et al. **Am J Med Genet** 1985 Feb;20(2):409–17

Blunted prolactin response to thyrotropin-releasing hormone stimulation in cystinotic children receiving cysteamine. Gahl WA, et al. **J Clin Endocrinol Metab** 1985 Apr; 60(4):793–6

[Cysteamine in the treatment of cystinosis in children. In vitro and in vivo studies] Louis JJ, et al. **Pediatrie** 1984 Dec; 39(8):619–33 (Eng. Abstr.) **(Fre)**

ENZYMOLOGY

A study of the low beta-galactosidase activity in cystinotic fibroblasts: effects of cysteamine. Kooistra T, et al. **Clin Chim Acta** 1985 Jan 15;145(1):9–16

METABOLISM

Cysteamine depletes cystinotic leucocyte granular fractions of cystine by the mechanism of disulphide interchange. Gahl WA, et al. **Biochem J** 1985 Jun 15;228(3):545–50

Cystine depletion by WR-1065 in cystinotic cells. Mechanism of action. Butler JD, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2179–85

pH-profile of cystine and glutamate transport in normal and cystinotic human fibroblasts. Forster S, et al. **Biochim Biophys Acta** 1985 Apr 11;814(2):398–400

Cystine accumulation and clearance in normal and cystinotic fibroblasts exposed to cystine dimethyl ester. Steinherz R, et al. **Clin Chim Acta** 1984 Aug 31;141(2–3):119–25

Comparative study of cystine clearance in cystinotic and I-cell fibroblasts upon exposure to cystine dimethyl ester. Steinherz R, et al. **Enzyme** 1984;32(2):126–30

Detection and characterization of carrier-mediated cationic amino acid transport in lysosomes of normal and cystinotic human fibroblasts. Role in therapeutic cystine removal? Pisoni RL, et al. **J Biol Chem** 1985 Apr 25;260(8):4791–8

Inhibitors of protein synthesis also inhibit lysosomal proteolysis. Studies using cystinotic fibroblasts. Thoene JG, et al. **J Clin Invest** 1985 Feb;75(2):370–6

OCCURRENCE

Cystinosis in the Federal Republic of Germany. Coordination and analysis of the data. Manz F, et al. **J Inherited Metab Dis** 1985;8(1):2–4

PATHOLOGY

Cystinosis with marked atrophy of the kidneys and thyroid. Histological and ultrastructural studies in an autopsy case. Koizumi F, et al. **Acta Pathol Jpn** 1985 Jan;35(1):145–55

CYSTINURIA

COMPLICATIONS

A case of cystinuria with nephrotic syndrome. Wada K, et al. **Hiroshima J Med Sci** 1984 Jun;33(2):151–5

[Results of long-term treatment of cystine lithiasis with D-penicillamine] Bec P, et al. **Nephrologie** 1984;5(5):228–31 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

Homozygous cystinuria in New South Wales. A study of 110 individuals with cystinuria ascertained by methods other than neonatal screening. Smith A, et al. **Med J Aust** 1984 Oct 13;141(8):500–2

[Cystine lithiasis in the adult. Apropos of an isolated case without familial antecedents] Grunfeld Avellan JA. **J Urol (Paris)** 1985;91(4):221–4 (Eng. Abstr.) **(Fre)**

[Cystinuria. A personal case series] Berio A. **Minerva Pediatr** 1984 Oct 31;36(20):1027–31 (Eng. Abstr.) **(Ita)**

[Cystinuria in children] Cabalska B, et al. **Pediatr Pol** 1985 Feb;60(2):117–25 (Eng. Abstr.) **(Pol)**

ETIOLOGY

Ureolytic Citrobacter freundii infection of the urine as a cause of dissolution of cystine renal calculi. Gutierrez Millet V, et al. **J Urol** 1985 Mar;133(3):443–6

FAMILIAL & GENETIC

Ontogeny modifies manifestations of cystinuria genes: implications for counseling. Scriver CR, et al. **J Pediatr** 1985 Mar;106(3):411–6

Renal failure in sisters with cystinuria and the management of amino acids in chronic hemodialysis. Hosokawa S, et al. **Nippon Jinzo Gakkai Shi** 1985 Mar;27(3):319–25

[Cystinuria and renal lithiasis] Willshaw E, et al. **Rev Chil Pediatr** 1984 Jul–Aug;55(4):273–7 (Eng. Abstr.) **(Spa)**

METABOLISM

Studies on the metabolism of D-penicillamine and its interaction with probenecid in cystinuria and rheumatoid arthritis. Yu TF, et al. **J Rheumatol** 1984 Aug;11(4):467–70

URINE

The effect of dietary protein on cystine excretion in patients with cystinuria. Rodman JS, et al. **Clin Nephrol** 1984 Dec;22(6):273–8

CYSTITIS

Chronic interstitial cystitis [editorial] **Lancet** 1985 Jul 20;2(8447):134–5

Chronic interstitial cystitis [letter] **Lancet** 1985 Aug 17;2(8451):394

[Urologico-nephrologic status in patients who had acute cystopyelonephritis during pregnancy] Zajacová E, et al. **Bratisl Lek Listy** 1985 Feb;83(2):109–16 (Eng. Abstr.) **(Slo)**

BLOOD

Eosinophilic cystitis: pleomorphic manifestations. Okafo BA, et al. **Can J Surg** 1985 Jan;28(1):17–8

Further studies on specificity of red cell adherence test: nonmalignant bladder lesions. Ghazizadeh M, et al. **Urology** 1985 Jan;25(1):85–7

CHEMICALLY INDUCED

Open instillation of formalin for cyclophosphamide-induced hemorrhagic cystitis in a child. Garat JM, et al. **Eur Urol** 1985;11(3):192–4

The effect of penicillamine and related thiols on cyclophosphamide-induced cystitis and bone marrow suppression. Christophidis N, et al. **Int J Tissue React** 1984;6(6):493–8

Experimental cytoxan cystitis and prevention by acetylcysteine. Chaviano AH, et al. **J Urol** 1985 Sep;134(3):598–600

Ether cystitis. Nellans RE, et al. **JAMA** 1985 Jul 26;254(4):530

Hemorrhagic cystitis after conditioning for bone marrow transplantation and its prophylaxis. Moriyama Y, et al. **Jpn J Clin Oncol** 1984 Dec;14 Suppl 1:531–6

COMPLICATIONS

Cystitis might cause increased S-100 immunoreactivity [letter] Hasson J. **Am J Clin Pathol** 1985 Jun;83(6):776

Nonobstructive detrusor myopathy in a group of patients with chronic abacterial cystitis. Holm-Bentzen M, et al. **Scand J Urol Nephrol** 1985;19(1):21–6

Ureteral involvement complicating eosinophilic cystitis. Mitas JA 2d, et al. **Urology** 1985 Jul;26(1):67–70

[Clinical study of interstitial cystitis. 1–(I). The clinical and pathological observations of the contracted bladder caused by interstitial cystitis and tuberculosis] Yamada T, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Apr;75(4):638–45 (Eng. Abstr.) **(Jpn)**

[Intraperitoneal rupture of the bladder with inflammatory changes in its wall] Grigorjew A. **Wiad Lek** 1985 Jan 15;38(2):143–4 (Eng. Abstr.) **(Pol)**

DIAGNOSIS

Comparison of reliability of tests to distinguish upper from lower urinary tract infection [letter] Sandberg T, et al. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):1004

Sonography of emphysematous cystitis. Kauzlaric D, et al. **J Ultrasound Med** 1985 Jun;4(6):319–20

Emphysematous cystitis. Cohen JK, et al. **J Urol (Paris)** 1984;90(3):207–9

Cystitis cystica simulating bladder tumor at sonography. Manco LG. **JCU** 1985 Jan;13(1):52–4

[Eosinophilic cystitis. 2 cases] Chantepie G, et al. **Chirurgie** 1985;111(1):43–6 (Eng. Abstr.) **(Fre)**

[Eosinophilic cystitis: a report of 2 cases] Hirano S, et al. **Hinyokika Kiyo** 1983 Oct;29(10):1329–37 (Eng. Abstr.) **(Jpn)**

[Serum sialic acid levels in acute urinary tract infection] Ohkawa M, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jun;75(6):951–8 (Eng. Abstr.) **(Jpn)**

DRUG THERAPY

Antibacterial activity of ciprofloxacin in conventional tests and in a model of bacterial cystitis. Greenwood D, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):351–4

Granulomatous cystitis: a reversible lesion in children. Wishahi MM, et al. **Eur Urol** 1984;10(6):368–9

An in-vitro model simulating the hydrokinetic aspects of the treatment of bacterial cystitis. Greenwood D. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:103–9

Single-dose therapy for cystitis in women [letter] Bailey RR. **JAMA** 1985 Aug 23–30;254(8):1034–5

Single-dose therapy for cystitis in women. A comparison of trimethoprim-sulfamethoxazole, amoxicillin, and cyclacillin. Hooton TM, et al. **JAMA** 1985 Jan 18;253(3):387–90

Treatment of bacterial cystitis with a single dose of trimethoprim, co-trimoxazole or amoxycillin compared with a course of trimethoprim. Bailey RR, et al. **NZ Med J** 1985 May 22;98(779):387–9

A randomised comparison of single-dose vs. three-day and ten-day therapy with trimethoprim-sulfamethoxazole for acute cystitis in women. Gossius G, et al. **Scand J Infect Dis** 1984;16(4):373–9

Subcutaneous heparin in the treatment of interstitial cystitis. Lose G, et al. **Scand J Urol Nephrol** 1985;19(1):27–9

[Norfloxacin treatment of acute cystitis in the female and bacterial prostatitis] Bischoff W. **Fortschr Med** 1985 Feb 28;103(8):225–8 (Eng. Abstr.) **(Ger)**

[Preventive treatment of recurrent cystitis in women. Double-blind randomized study using cinoxacin and placebo] Martorana G, et al. **Minerva Urol Nefrol** 1984 Jan–Mar;36(1):43–9 (Eng. Abstr.) **(Ita)**

[Use of cefoxitin in urology] Tizzani A, et al. **Minerva Urol Nefrol** 1984 Apr–Jun;36(2):139–43 (Eng. Abstr.) **(Ita)**

[Clinical studies on recurrence of acute uncomplicated cystitis] Kamidono S, et al. **Hinyokika Kiyo** 1984 Apr;30(4):519–27 (Eng. Abstr.) **(Jpn)**

[On the clinical effects of cefotiam on acute cystitis and changes in form of E. coli in the urine] Washida H, et al. **Hinyokika Kiyo** 1983 Oct;29(10):1373–80 (Eng. Abstr.) **(Jpn)**

[Nitrofurantoin in the treatment of recurrent acute cystitis] Rodrigues Netto Jr N, et al. **Arch Esp Urol** 1984 Jul–Aug;37(4):289–93 (Eng. Abstr.) **(Spa)**

[Single-drug and multiple drug therapy of lower urinary tract infections] Orsten PA, et al. **Lakartidningen** 1984 Sep 26;81(39):3468–70 **(Swe)**

[Treatment of cystitis in women: no difference between various doses of trimethoprim and conventional trimethoprim-sulfadiazine therapy] Orsten PA, et al. **Lakartidningen** 1984 Oct 3;81(40):3585–9 **(Swe)**

ETIOLOGY

Eosinophilic food-induced cystitis. Sánchez Palacios A, et al. **Allergol Immunopathol (Madr)** 1984 Nov–Dec;12(6):463–9

Haemorrhagic chronic radiation cystitis—following treatment of pelvic malignancies. Pillay PK, et al. **Ann Acad Med Singapore** 1984 Oct;13(4):634–8

Pathogenesis of Escherichia coli cystitis and pyelonephritis: apparent lack of significance of bacterial motility and chemotaxis towards human urine. Herrmann B, et al. **Infection** 1985 Jan–Feb;13(1):4–7

Corynebacterium group D2 as a cause of alkaline-encrusted cystitis: report of four cases and characterization of the organisms. Soriano F, et al. **J Clin Microbiol** 1985 May;21(5):788–92

Hemorrhagic cystitis and sicca syndrome secondary to amyloidosis in rheumatoid arthritis. Frayha RA, et al. **J Rheumatol** 1985 Apr;12(2):378–9

Treatment of radiation-induced cystitis with hyperbaric oxygen. Weiss JP, et al. **J Urol** 1985 Aug;134(2):352–4

Haemorrhagic cystitis and balanitis associated with verotoxin-producing Escherichia coli O157:H7 [letter] Grandsen WR, et al. **Lancet** 1985 Jul 20;2(8447):150

Urinary tract infections in the female patient. Parsons CL. **Urol Clin North Am** 1985 May;12(2):355–60

Cystitis with ureteral reflux caused by ureaplasma urealyticum. Scott D, et al. **Urology** 1985 Feb;25(2):171–3

Torulopsis glabrata fungal cystitis. Siminovitch JM, et al. **Urology** 1984 Oct;24(4):343–4

[Studies on the allergic aspect of interstitial cystitis. (2) A case of interstitial cystitis associated with eosinophilia of the bladder wall probably due to tonsillar focal infection] Yamada T, et al. **Arerugi** 1985 Jan;34(1):47–51 (Eng. Abstr.) **(Jpn)**

[Clinical study of interstitial cystitis. 1–(2) The etiological consideration of 4 cases of interstitial cystitis with advanced contracted bladder] Yamada T, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 May;75(5):795–801 (Eng. Abstr.) **(Jpn)**

[Larvae of the housefly Fannia canicularis L. as the cause of myiasis of the bladder in humans] Skovronskiĭ RV. **Med Parazitol (Mosk)** 1985 Jan–Feb;(1):84–5 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Sequential study of bacterial clearance in experimental cystitis. Gillon G, et al. **J Med Microbiol** 1984 Dec;18(3):319–26

METABOLISM

Mucin histochemistry of cystitis glandularis and primary adenocarcinoma of the urinary bladder. Wells M, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):59–61

MICROBIOLOGY

Competitive exclusion of uropathogens from human uroepithelial cells by Lactobacillus whole cells and cell wall fragments. Chan RC, et al. **Infect Immun** 1985 Jan;47(1):84–9

[Urinary tract infections: bacteriological aspects of recurrent cystitis] Fontana G, et al. **G Batteriol Virol Immunol** 1984 Jan–Jun;77(1–6):33–44 (66 ref.) (Eng. Abstr.) **(Ita)**

[Infectious mechanism in experimental cystitis of mice. I: Analysis of process of bacterial invasion] Okayama S, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Sep;75(9):1380–90 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

A light and electron microscopic study of urothelium from patients with chronic cystitis. Smith AF. **Eur Urol** 1984;10(4):272–5

Squamous metaplasia of the trigone in women with recurrent cystitis syndrome. Murakami S, et al. **Hinyokika Kiyo** 1985 Feb;31(2):301–7

Scanning electron microscopy of normal, neoplastic and inflamed human bladder. Herd ME, et al. **Histopathology** 1984 Jul;8(4):601–10

A clinicopathological and virological study of interstitial cystitis. Fall M, et al. **J Urol** 1985 May;133(5):771–3

Xanthogranulomatous cystitis. Walther M, et al. **J Urol** 1985 Oct;134(4):745–6

Eosinophilic cystitis. Peterson NE. **Urology** 1985 Aug;26(2):167–9

A morphometric study on the ultrastructure of well-differentiated tumours and inflammatory mucosa of the human urinary bladder. Moriyama N, et al. **Virchows Arch [A]** 1984;405(1):25–39

[Interstitial cystitis. Anatomoclinical study of 55 cases] Saint-André JP, et al. **Arch Anat Cytol Pathol** 1984;32(3):144–8 (Eng. Abstr.) **(Fre)**

[Interstitial cystitis. Current aspects] Lépinard V, et al. **J Urol (Paris)** 1984;90(7):455–65 (Eng. Abstr.) **(Fre)**

[Cystic cystitis and renal tuberculosis. A clinical case description with 10-year follow-up] Aragona F, et al. **Minerva Urol Nefrol** 1984 Jul–Sep;36(3):223–8 (Eng. Abstr.) **(Ita)**

[Histological study of cases of bladder cancer and chronic cystitis with difficulty in cystoscopic diagnosis] Okamura K, et al. **Hinyokika Kiyo** 1984 Apr;30(4):459–65 (Eng. Abstr.) **(Jpn)**

[Clinical study of eosinophilic cystitis. I. On the definition of eosinophilic cystitis. I-1. Histological observation of eosinophilic infiltration] Yamada T, et al. **Hinyokika Kiyo** 1984 Dec;30(12):1781–4 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

Intravesical ions, osmolality and pH influence the volume pressure response in the normal rat bladder, and this is more pronounced after DMSO exposure. Hohlbrugger G, et al. **Eur Urol** 1985;11(2):127–30

PREVENTION & CONTROL

Comparison of mesna with forced diuresis to prevent cyclophosphamide induced haemorrhagic cystitis in marrow transplantation: a prospective randomised study. Hows JM, et al. **Br J Cancer** 1984 Dec;50(6):753–6

Effect of sodium meclofenamate on radiation-induced esophagitis and cystitis. Ambrus JL, et al. **J Med** 1984; 15(2):81–92

RADIOGRAPHY

Case profile: cystitis emphysematosa. LeDuc A, et al. **Urology** 1985 Jan;25(1):88

SURGERY

[Comparative evaluation of various methods of urinary diversion in complicated forms of tuberculosis of the urinary tract] Dovlatian AA. **Probl Tuberk** 1984 Jul; (7):36–41 (Eng. Abstr.) **(Rus)**

THERAPY

Double-blind study with Serocytol 'Muqueuse urinaire' and 'S.R.E.' in patients with urological disorders. Frick J, et al. **Int Urol Nephrol** 1985;17(1):29–33

Conservative management of chronic interstitial cystitis: transcutaneous electrical nerve stimulation and transurethral resection. Fall M. **J Urol** 1985 May; 133(5):774–8

[Recurrent cystitis and crenotherapy. 302 cases] Benoit JM, et al. **Ann Urol (Paris)** 1984 Sep;18(5):324–30 (Eng. Abstr.) **(Fre)**

[A case of interstitial cystitis treated successfully with steroid and bladder distension under sacral nerve block] Kondo S, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Sep; 75(9):1473–9 (Eng. Abstr.) **(Jpn)**

[Effect of ultrasound on the blood immunoglobulin level in chronic cystitis patients] Nesterov NI, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Jul–Aug;(4):43–5 **(Rus)**

VETERINARY

Treatment of cyclophosphamide-induced cystitis [letter] Henness AM. **J Am Vet Med Assoc** 1985 Jul 1;187(1):4–5

Amoxycillin and clavulanic acid combination in the treatment of experimentally induced bacterial cystitis in cats. Senior DF, et al. **Res Vet Sci** 1985 Jul;39(1):42–6

Pancreatitis, gastrointestinal ulceration and haemorrhage and necrotising cystitis following the surgical treatment of degenerative disc disease in a dachshund. Davies M. **Vet Rec** 1985 Apr 13;116(15):398–9

CYSTOID MACULAR EDEMA see MACULAR EDEMA, CYSTOID

CYSTOSARCOMA PHYLLODES

Cystosarcoma phyllodes: epidemiology, pathohistology, pathobiology, diagnosis, therapy, and survival. Vorherr H, et al. **Arch Gynecol** 1985;236(3):173–81 (28 ref.)

ANALYSIS

A malignant cystosarcoma phyllodes with positive estrogen receptor and its heterotransplantation into nude mice. Tokuda Y, et al. **Cancer** 1985 Jan 15;55(2):370–4

DIAGNOSIS

Giant intraductal papilloma of the breast: a case report. Roy I, et al. **J Surg Oncol** 1985 Apr;28(4):281–3

[Treatment procedure in phyllodes tumors of the breast] Grinberg BI, et al. **Klin Khir** 1985 May;(5):38–40 (Eng. Abstr.) **(Rus)**

[Diagnostic aspects of cystosarcoma phyllodes of the breast] Demidov VP, et al. **Vestn Rentgenol Radiol** 1984 Jul–Aug; (4):69–71 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Successful chemotherapy for cystosarcoma phyllodes in a young woman. Allen R, et al. **Arch Intern Med** 1985 Jun; 145(6):1127–8

ETIOLOGY

[Development of aggressive cystosarcoma phyllodes after conservative treatment of breast adenocarcinoma] Hulet A, et al. **Bull Cancer (Paris)** 1985;72(2):80–6 (Eng. Abstr.) **(Fre)**

HISTORY

Mastectomy performed by Lawrence Heister in the eighteenth century. Meyer KK, et al. **Surg Gynecol Obstet** 1984 Oct;159(4):391–4

PATHOLOGY

Cystosarcoma phyllodes. Report of an unusual case, with death due to intraneural extension to the central nervous system. Grimes MM, et al. **Cancer** 1985 Oct 1;56(7):1691–5

An extraordinary breast giant fibroadenoma (cystosarcoma phyllodes) in a female adolescent. Dong HJ, et al. **Chin Med J [Engl]** 1984 Aug;97(8):627–9

Cystosarcoma phyllodes—a clinicopathologic analysis of 32 cases. Chowdhury C, et al. **Indian J Cancer** 1984 Mar–Apr; 21(1):23–30

Malignant cystosarcoma phyllodes with simultaneous carcinoma in the ipsilateral breast. Huntrakoon M. **South Med J** 1984 Sep;77(9):1176–8

[Phyllodes tumors of the breast] Miccoli P, et al. **Acta Chir Belg** 1985 Mar–Apr;85(2):128–32 (Eng. Abstr.) **(Fre)**

[Malignant cystosarcoma phylloides and squamous cell carcinoma of the breast. A rare tumor combination] Hunger E, et al. **Geburtshilfe Frauenheilkd** 1984 Oct;44(10):640–2 (Eng. Abstr.) **(Ger)**

[Malignant metastasizing cystosarcoma phylloides of the breast. Ulm collection of rare tumors: VI] Baczako K, et al. **Onkologie** 1984 Dec;7(6):382–4 (Eng. Abstr.) **(Ger)**

[Phyllode tumor of the breast: clinico-surgical implications] Quidaciolu F, et al. **Chir Ital** 1983 Feb;35(1):63–9 (Eng. Abstr.) **(Ita)**

[Phyllodes tumors of the breast. Anatomo-pathological and clinical study of six personal cases] Tagliaferri G, et al. **Recenti Prog Med** 1984 Nov;75(11):1006–33 (Eng. Abstr.) **(Ita)**

RADIOGRAPHY

[Role of mammography in the preoperative diagnosis of fibroadenomas of differing histological structure] Rozhkova NI, et al. **Vestn Rentgenol Radiol** 1985 Mar–Apr; (2):62–6 (Eng. Abstr.) **(Rus)**

RADIOTHERAPY

Regression of recurrent cystosarcoma phylloides tumour after neutron therapy with development of benign calcification. Thomas AM, et al. **Br J Radiol** 1984 Oct; 57(682):926–9

SURGERY

Surgical problems in the management of giant fibroadenoma of the breast. Davis C Jr, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1010–5

The management of patients with carcinomas in fibroadenomatous tumors of the breast. Ozzello L, et al. **Surg Gynecol Obstet** 1985 Feb;160(2):99–104

[A seemingly alarming-looking lesion: juvenile giant fibroadenoma of the breast] van Vugt AB. **Ned Tijdschr Geneeskd** 1985 Feb 16;129(7):312–3 (Eng. Abstr.) **(Dut)**

ULTRASTRUCTURE

Ultrastructure of cystosarcoma phyllodes and fibroadenoma. A comparative study. Yeh IT, et al. **Am J Clin Pathol** 1985 Aug;84(2):131–6

VETERINARY

[A mixed mamma tumor, a theca cell tumor and a leiomyoma in a bitch] Röcken H. **Berl Munch Tierarztl Wochenschr** 1985 Jun 1;98(6):220–1 (Eng. Abstr.) **(Ger)**

CYSTOSCOPY

Meptazinol as an analgesic adjunct to total intravenous anaesthesia in cystoscopy patients. Hargreaves J, et al. **Anaesthesia** 1985 May;40(5):490–3

Endoscopic treatment of ureteroceles revisited. Monfort G, et al. **J Urol** 1985 Jun;133(6):1031–3

Plasma concentrations of lidocaine resulting from instillation of lidocaine jelly into genitourinary tract prior to cystoscopy. Ouellette RD, et al. **Urology** 1985 May; 25(5):490–1

[Histological study of cases of bladder cancer and chronic cystitis with difficulty in cystoscopic diagnosis] Okamura K, et al. **Hinyokika Kiyo** 1984 Apr;30(4):459–65 (Eng. Abstr.) **(Jpn)**

[Endoscopy appendix] **Arch Esp Urol** 1984 Sep–Oct; 37(5):451–5 **(Spa)**

[General and urinary endoscopy] Puigvert A. **Arch Esp Urol** 1984 Dec;37 Suppl 2:651–7 **(Spa)**

ADVERSE EFFECTS

Promotion of bladder tumours by endoscopic procedures in an animal model. Wallace DM, et al. **Br J Urol** 1984 Dec; 56(6):658–62

A nosocomial epidemic of Serratia liquefaciens urinary tract infection after cystometry. Serruys-Schoutens E, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):316–7

[Prevention of water intoxication after urological endoscopic procedures] Golański J, et al. **Wiad Lek** 1984 Apr 1; 37(7):527–30 (6 ref.) (Eng. Abstr.) **(Pol)**

INSTRUMENTATION

Practical experience with flexible fibrescope cystoscopy in out-patients. Fowler CG, et al. **Br J Urol** 1984 Dec; 56(6):618–21

CO2 cystoscopy using a flexible fibreoptic endoscope. Matthews PN, et al. **Br J Urol** 1984 Apr;56(2):188–90

A flexible cystoscope. Powell PH, et al. **Br J Urol** 1984 Dec; 56(6):622–4

Flexible cystourethroscopy: advantages and limitations. Webb DR, et al. **Eur Urol** 1984;10(5):336–7

The new ALR long cystoresectoscope system. Finney RP. **J Urol** 1985 Sep;134(3):509

Use of pacifier in female urethral evaluation. Scaletscky R, et al. **Urology** 1984 Oct;24(4):358

Technique which eliminates need for assistant during prostatic needle biopsies. Siegel AL, et al. **Urology** 1985 Apr;25(4):404

Flexible cystourethroscopy: alternative to rigid instruments for evaluation of lower urinary tract. Soloway MS. **Urology** 1985 May;25(5):472–4

[Cryoprostatectomy of prostatic tumors] Hikichi Y. **Gan No Rinsho** 1985 May;31(6 Suppl):721–8 (Eng. Abstr.) **(Jpn)**

[Studies on contact-micro-cystoscopy. I. Observation of the bladder epithelium with the contact-micro-colpohysteroscope] Nakao M, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Apr;76(4):516–20 (Eng. Abstr.) **(Jpn)**

[Differential staining in vivo with methylene blue and microscopic cystoscopy in bladder tumors] Martínez-Piñeiro JA, et al. **Arch Esp Urol** 1984 Dec;37 Suppl 2:741–50 (Eng. Abstr.) **(Spa)**

METHODS

Clinically occult bladder cancer diagnosis. Trial using ultraviolet cystoscopy. Devonec M, et al. **Cancer** 1985 Jan 15;55(2):468–71

Endoscopic diagnosis and treatment of upper-tract urothelial tumors. A preliminary report. Huffman JL, et al. **Cancer** 1985 Mar 15;55(6):1422–8

Fluorescence cystoscopy. Vallancien G, et al. **Prog Clin Biol Res** 1984;162A:327–30

VETERINARY

Cystoscopic examination of male and female dogs. Cooper JE, et al. **Vet Rec** 1984 Dec 1;115(22):571–4

CYSTS

Enterogenous cyst of the lung. Zapatero J, et al. **Acta Chir Iugosl** 1984 Mar;31(2):203–9 **(Eng, Scr)**

Choledochal cyst—clinical features and classification. Crittenden SL, et al. **Am J Gastroenterol** 1985 Aug; 80(8):643–7

Pigmentatio reticularis faciei et colli [letter] Rebora A, et al. **Arch Dermatol** 1985 Aug;121(8):968

Saccular cyst of the larynx in infants. Suhonen H, et al. **Int J Pediatr Otorhinolaryngol** 1984 Oct;8(1):73–8

Follicular cysts: how should we name them? [letter] Stevens CS. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):367–8

Choledochal cyst: report of a case and review of the literature. Weiner PR, et al. **J Am Osteopath Assoc** 1984 Nov;84(3):289–91

Behavioral manifestations of third ventricular colloid cysts [letter] Winer RI. **J Neurol Neurosurg Psychiatry** 1985 Aug; 48(8):847

Cystic neuroblastoma in an infant [clinical conference] St. John-Sutton M, et al. **Med Pediatr Oncol** 1985;13(2):83–5

[Spinal arachnoid cysts] Taláb R, et al. **Cesk Neurol Neurochir** 1985 Jul;48(4):261–3 (Eng. Abstr.) **(Cze)**

[Meniscal cysts. Clinical, diagnostic, therapeutic considerations] Piccinini F, et al. **Chir Organi Mov** 1984; 69(2):127–33 (Eng. Abstr.) **(Ita)**

ANALYSIS

Estradiol and progesterone nuclear and cytosol receptors of hydrosalpinx. Devoto L, et al. **Fertil Steril** 1984 Oct; 42(4):594–7

BLOOD

Correctable plasma lipoprotein abnormalities in infants with choledochal cysts. Williams GJ, et al. **Pediatr Res** 1985 Feb;19(2):240–7

CHEMICALLY INDUCED

Effects of vitamin E on lead acetate, using Nyctotheroides as a single-cell model. Sadek IA. **Folia Morphol (Praha)** 1984;32(3):285–7

Interferon induces pulmonary cysts in A2G mice. Woodrow D, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7937–40

CLASSIFICATION

Cystic disease of the kidney in newborns [letter] Bernstein J, et al. **Hum Pathol** 1985 Sep;16(9):965–6

COMPLICATIONS

Large middle fossa arachnoid cyst and subdural hematoma with late decompensation. Maiuri F, et al. **Acta Neurol (Napoli)** 1984 Aug;6(4):286–9

Obstructive sleep apnea syndrome caused by oral cyst: a case report. Alving J, et al. **Acta Neurol Scand** 1985 May; 71(5):408–10

Liver changes and complications in adult polycystic kidney disease. Grünfeld JP, et al. **Adv Nephrol** 1985;14:1–20

Cholangiocellular carcinoma associated with multiple liver cysts. Imamura M, et al. **Am J Gastroenterol** 1984 Oct; 79(10):790–5

Congenital lobar emphysema due to a bronchogenic cyst.

Engle WA, et al. **Am J Perinatol** 1984 Jan;1(2):196-8

Pigmentatio reticularis faciei et colli with multiple epithelial cysts. Hori Y, et al. **Arch Dermatol** 1985 Jan;121(1):109-11

Surgically correctable recurring pancreatitis. Waldron R, et al. **Br J Surg** 1985 Mar;72(3):203

An arachnoid cyst in an 8-year-old boy with neurofibromatosis. Yoshioka H, et al. **Brain Dev** 1984; 6(6):551-3

Esophageal duplication cyst containing a foreign body. Stringel G, et al. **Can Med Assoc J** 1985 Mar 1; 132(5):529-31

Interhemispheral neuroepithelial (glio-ependymal) cysts, associated with agenesis of the corpus callosum and neocortical maldevelopment. A case study. Barth PG, et al. **Childs Brain** 1984;11(5):312-9

Surgically treatable growth retardation due to non-neoplastic pituitary-hypothalamic dysfunction. DiRocco C, et al. **Childs Brain** 1984;11(6):353-68

Hypopituitarism with arachnoid cyst. Rischbieth RH. **Clin Exp Neurol** 1983;19:87-93

Abdominal pseudocyst; the cause of repeated peritonitis during continuous ambulatory peritoneal dialysis (CAPD) [letter] Joffe P, et al. **Clin Nephrol** 1985 Jun;23(6):319-20

Bilateral cerebral arachnoid cysts with mental retardation. Abhyankar SC, et al. **Indian J Pediatr** 1985 Jan-Feb; 52(414):103-5

Juxta-acetabular mucoid cyst in a patient with osteoarthritis of the hip secondary to dysplasia. Lagier R, et al. **Int Orthop** 1984;8(1):19-23

Bronchogenic cyst causing superior vena cava obstruction: CT appearance. Bankoff MS, et al. **J Comput Assist Tomogr** 1985 Sep-Oct;9(5):951-2

Association of posttraumatic spinal arachnoid cyst and syringomyelia. Haney A, et al. **J Comput Tomogr** 1985 Apr; 9(2):137-40

Two cases of vallecular cyst presenting with acute stridor. Albert DM, et al. **J Laryngol Otol** 1985 Apr;99(4):421-5

Choledochal cyst with anomalous pancreaticobiliary ductal union type II: a case report. Juttijudata P, et al. **J Med Assoc Thai** 1985 Jan;68(1):39-42

Hyperprolactinemic amenorrhea induced by an intrasellar epithelial cyst. Buonaguidi R, et al. **J Nucl Med Allied Sci** 1984 Apr-Jun;28(2):123-8

A duodenal duplication cyst communicated with an accessory pancreatic duct. Shimada H, et al. **Jpn J Surg** 1984 Jul;14(4):320-6

A case of choroid plexus papilloma in the lateral ventricle, complicated by a neuroepithelial cyst in the posterior fossa in a newborn infant. Honda E, et al. **Kurume Med J** 1984; 31(2):115-24

'Pseudotumoral' cystic cerebellar infarction with slow evolution. Rousseaux M, et al. **Neurosurgery** 1985 Jan; 16(1):61-3

Hydromyelia complicating Apert's syndrome: a case report. Vollmer DG, et al. **Neurosurgery** 1985 Jul;17(1):70-4

Retrocollicular arachnoid cyst with the inferior sagittal sinus anomaly and the corpus callosum dysgenesis. Kim C, et al. **Nippon Geka Hokan** 1985 Jan 1;54(1):31-5

Obstructive jaundice secondary to benign hepatic cyst. Clinkscales NB, et al. **Radiology** 1985 Mar;154(3):643-4

Hepatic abscess in a patient with polycystic liver disease. A case report. du Toit DF, et al. **S Afr Med J** 1985 Apr 6;67(14):559-60

Choledochal cyst complicating a twin gestation. Angel JL, et al. **South Med J** 1985 Apr;78(4):463-6

Intradural cyst with compression of the cauda equina in ankylosing spondylitis. Byrne E, et al. **Surg Neurol** 1985 Feb;23(2):162-4

Perigraft seromas complicating arterial grafts. Blumenberg RM, et al. **Surgery** 1985 Feb;97(2):194-204

Spontaneous intraperitoneal rupture of a lymphocele associated with a renal allograft. Chandran KG, et al. **Transplant Proc** 1985 Aug;17(4):2011-3

Cyst of seminal vesicle associated with ipsilateral renal agenesis. Ejeckam GC, et al. **Urology** 1984 Oct;24(4):372-4

[Cystic dystrophy of the urinary excretory mucosa. An unusual cause of recurring urinary tract infection in pregnancy] Poizat R, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):347-50 (Eng. Abstr.) **(Fre)**

[A rare cause of bladder neck obstruction: cervico-trigonal cysts. Report of 2 clinical cases] Furbetta A, et al. **J Urol (Paris)** 1984;90(7):471-4 (Eng. Abstr.) **(Fre)**

[Cervical tumor with hypercalcemia (letter)] Carel JC, et al. **Presse Med** 1985 Jun 22;14(25):1388 **(Fre)**

[Pseudothrombophlebitis caused by a popliteal cyst] Lamberti AA, et al. **Schweiz Rundsch Med Prax** 1984 Oct 23; 73(43):1299-301 (Eng. Abstr.) **(Fre)**

[Extreme kidney displacement caused by an adrenal pseudocyst] Tragl KH, et al. **Urologe [Ausg A]** 1985 Mar; 24(2):114-7 (Eng. Abstr.) **(Ger)**

[Carcinoma originating in a hepatic cyst of polycystic disease—a case report] Kataoka K, et al. **Gan No Rinsho** 1985 Feb;31(2):199-205 (Eng. Abstr.) **(Jpn)**

[A case of seminal vesicle cyst associated with ipsilateral renal dysplasia and ectopic ureter opening into seminal vesicle] Hirano A, et al. **Hinyokika Kiyo** 1983 Oct; 29(10):1315-27 (Eng. Abstr.) **(Jpn)**

[Seminal vesicle cyst associated with contralateral renal agenesis: a case report] Shimamura M, et al. **Hinyokika Kiyo** 1984 Sep;30(9):1263-7 (Eng. Abstr.) **(Jpn)**

[A case report of choledochal cyst with bile duct carcinoma] Shimada Y, et al. **Nippon Geka Hokan** 1984 Nov 1; 53(6):816-20 (Eng. Abstr.) **(Jpn)**

[Multiple diverticulosis of the small intestine with liver cyst] Shimotsuma N, et al. **Nippon Naika Gakkai Zasshi** 1985 May;74(5):606-10 **(Jpn)**

[Agenesis of the corpus callosum associated with interhemispheric cyst. A case report] Takahashi A, et al. **No Shinkei Geka** 1984 Aug;12(9):1077-83 (Eng. Abstr.) **(Jpn)**

[An infant case of Goldenhar syndrome associated with intracranial lesions] Shirakuni T, et al. **No To Hattatsu** 1985 May;17(3):251-5 (Eng. Abstr.) **(Jpn)**

[Giant pseudomucinous cyst of the appendix with partial invagination in the cecum] Swiatczak C, et al. **Wiad Lek** 1984 Jul 1;37(13):1032-4 (Eng. Abstr.) **(Pol)**

[Intracranial arachnoid cyst associated with subdural hygroma: report of a case] Tortelly-Costa AC, et al. **Arq Neuropsiquiatr** 1985 Mar;43(1):91-7 (Eng. Abstr.) **(Por)**

[Calcified adrenal cyst] Rădulescu D, et al. **Rev Chir [Chir]** 1984 May-Jun;33(3):217-26 (Eng. Abstr.) **(Rum)**

[Intracranial complications in cystoid distention of the frontal sinuses] Blagoveshchenskaia NS. **Vestn Otorinolaringol** 1985 Mar-Apr;(2):43-8 (Eng. Abstr.) **(Rus)**

[Arachnoid cysts and dementia in the aged] Clavel Escribano M, et al. **Rev Clin Esp** 1985 Feb;176(3):144-8 (Eng. Abstr.) **(Spa)**

[Symptomatic cyst of Rathke's pouch] González-Darder JM, et al. **Rev Clin Esp** 1985 May;176(9):471-2 (Eng. Abstr.) **(Spa)**

CONGENITAL

Oculocerebrocutaneous syndrome. Wilson RD, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):142-8

Congenital polycystic tumor of the atrioventricular node [letter] Travers H. **Arch Pathol Lab Med** 1985 Aug; 109(8):704-6

A case of enterogenous cyst associated exomphalos. Liu PH, et al. **Aust NZ J Surg** 1984 Oct;54(5):493-4

Dorsal cyst malformations. Part I. Clinical study and critical review on the definition of holoprosencephaly. Yokota A, et al. **Childs Brain** 1984;11(5):320-41 (72 ref.)

Choledochocele: its clinical spectrum [letter] Reddy KR, et al. **Gastroenterology** 1985 Apr;88(4):1093-4

Congenital seminal vesicle cyst: a specific diagnosis by computed tomography. Drolshagen L, et al. **Henry Ford Hosp Med J** 1984;32(2):131-3

Biliary cystadenocarcinoma arising in a congenital cyst. Devine P, et al. **Hum Pathol** 1985 Jan;16(1):92-4

Congenital solitary nonparasitic cyst of the liver in an infant. Chatterjee H, et al. **Indian J Gastroenterol** 1985 Apr; 4(2):107-8

Congenital solitary cyst of neonatal liver [letter] Narasimharao KL, et al. **Indian Pediatr** 1984 Apr; 21(4):345-6

Congenital non-parasitic solitary cyst of the liver. Garred JL Sr, et al. **Iowa Med** 1985 Feb;75(2):65-6

CT diagnosis of congenital intrapericardial masses. Moncada R, et al. **J Comput Assist Tomogr** 1985 Jan-Feb;9(1):56-9

A suprasellar subarachnoid pouch; aetiological considerations. Binitie O, et al. **J Neurol Neurosurg Psychiatry** 1984 Oct;47(10):1066-74

Enterogenous intraspinal cysts. Agnoli AL, et al. **J Neurosurg** 1984 Nov;61(5):834-40

Urinary retention due to a müllerian duct cyst: role of ultrasonically guided fine needle aspiration in the diagnosis and treatment. Aragona F, et al. **J Urol** 1985 Aug; 134(2):364-6

Congenital laryngeal saccular cyst of the newborn. Abramson AL, et al. **Laryngoscope** 1984 Dec;94(12 Pt 1):1580-2

Case for diagnosis: poorly differentiated 'signet-ring' adenocarcinoma. Patel KD. **Milit Med** 1985 Apr; 150(4):218-20

Surgical management of duodenal duplication cyst simulating pyloric stenosis. Pober JM, et al. **Mt Sinai J Med (NY)** 1984 Dec;51(6):702-4

Development of signs and symptoms of congenital choledochal dilatation: its relation to pregnancy with special reference to experimental study in guinea pigs. Aoki Y, et al. **Nippon Geka Hokan** 1984 Mar 1;53(2):338-44

Congenital cystic dilatation of the submandibular duct. Addante RR. **Oral Surg Oral Med Oral Pathol** 1984 Dec; 58(6):656-8

Cystic dysplasia of the testis: sonographic and pathologic findings. Cho CS, et al. **Radiology** 1985 Sep;156(3):777-8

Congenital cystic anomalies of the biliary tract. Halverson K. **SD J Med** 1985 Feb;38(2):29-32

Paraurethral cysts in the newborn. Bergner DM. **South Med J** 1985 Jun;78(6):749-50

Choledochal cyst. Cheney M, et al. **World J Surg** 1985 Apr; 9(2):244-9

[Congenital cervical cysts in data from the ORL department] Břeh J, et al. **Cesk Otolaryngol** 1985 Jul;34(4):240-4 (Eng. Abstr.) **(Cze)**

[Endoscopic retrograde cholangiopancreatography (ERCP) in the diagnosis of congenital cystic dilatations in the biliary system] Husiarová A, et al. **Sb Lek** 1985 Jul;87(7):193-202 (Eng. Abstr.) **(Cze)**

[Life-threatening stridor due to a congenital laryngeal cyst] Tveterås K, et al. **Ugeskr Laeger** 1985 Apr 29;147(18):1482 (Eng. Abstr.) **(Dan)**

[Spinal intradural arachnoid cyst] Lesbros D, et al. **Arch Fr Pediatr** 1985 Apr;42(4):309-11 (Eng. Abstr.) **(Fre)**

[Biliary cancer developing on a congenital cystic dilatation of the common bile duct. Apropos of a case] Bourdin G, et al. **J Chir (Paris)** 1984 Dec;121(12):715-8 (Eng. Abstr.) **(Fre)**

[Scanographic diagnosis of a localized form of Caroli's disease] Jardin M, et al. **J Radiol** 1985 Feb;66(2):161-5 (Eng. Abstr.) **(Fre)**

[Bile duct cysts] Hermann RE. **Chirurg** 1985 Apr;56(4):193-7 **(Ger)**

[Clinical aspects and therapy of congenital cystic livers] Schulz F, et al. **Chirurg** 1984 Dec;55(12):813-6 (Eng. Abstr.) **(Ger)**

[Cystic optic nerve abnormalities] Schulz E, et al. **Fortschr Ophthalmol** 1984;81(4):380-2 (Eng. Abstr.) **(Ger)**

[Congenital type IV choledochus cyst] Feller AM, et al. **Zentralbl Chir** 1984;109(18):1216-20 **(Ger)**

[Congenital cystic adenomatoid malformation of the lung of mixed histological type] Mórocz I, et al. **Morphol Igazsagugyi Orv Sz** 1984 Jul;24(3):211-7 (Eng. Abstr.) **(Hun)**

[Malformed dilatations of the biliary ducts. Apropos of 2 personal case reports] Paroni R, et al. **Chir Ital** 1983 Feb; 35(1):51-62 (Eng. Abstr.) **(Ita)**

[Cystic dilatation of intrahepatic bile ducts (Caroli's disease)] Zambon M, et al. **Chir Ital** 1984 Aug;36(4):653-60 (Eng. Abstr.) **(Ita)**

[Adrenal cyst: report of a case] Morozumi M, et al. **Hinyokika Kiyo** 1984 Jul;30(7):907-11 (Eng. Abstr.) **(Jpn)**

[A case report of choledochal cancer accompanied with choledochal cyst] Tachikawa H, et al. **Rinsho Hoshasen** 1984 Jul;29(7):813-6 (Eng. Abstr.) **(Jpn)**

[Congenital liver cysts] Kapstad L. **Tidsskr Nor Laegeforen** 1985 Jun 30;105(19-21):1302-3 (Eng. Abstr.) **(Nor)**

[Laryngocele—a cyst of the laryngeal pouch] Prandota J, et al. **Wiad Lek** 1985 Mar 15;38(6):457-9 (Eng. Abstr.) **(Pol)**

[Congenital cyst of the ampulla of the major duodenal papilla] Milonov OB, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):133-4 **(Rus)**

[Combined congenital cysts of the lungs, kidneys and thyroid] Atamanov IuA. **Pediatriia** 1985 Jan;(1):53-4 **(Rus)**

[Late result of the surgical treatment of a malignant tumor developing in the cavity of a congenital lung cyst in a 2-year-old child] Boĭkov GA, et al. **Pediatriia** 1985 Jan; (1):54 **(Rus)**

DIAGNOSIS

Spinal intradural arachnoid cysts. Lesoin F, et al. **Acta Neurochir (Wien)** 1985;76(3-4):125-8

Neurosonographic recognition of subependymal cysts in high-risk neonates. Clair MR, et al. **AJR** 1985 Feb; 144(2):377-80

Liver cysts in autosomal-dominant polycystic kidney disease: clinical and computed tomographic study. Levine E, et al. **AJR** 1985 Aug;145(2):229-33

Spontaneous resolution of a pericardial cyst. Kruger SR, et al. **Am Heart J** 1985 Jun;109(6):1390-1

Asymptomatic choledochal cyst. Ramage AA, et al. **Am J Gastroenterol** 1985 Oct;80(10):816-8

Nuchal cysts syndromes: etiology, pathogenesis, and prenatal diagnosis. Elejalde BR, et al. **Am J Med Genet** 1985 Jul; 21(3):417-32

Fetal pulmonary cyst: intrauterine diagnosis and management. Asher JB, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):97-8

Conjunctival inclusion cyst simulating malignant melanoma. Jahnle RL, et al. **Am J Ophthalmol** 1985 Sep 15; 100(3):483-4

Cholesterol cyst manifesting as a middle ear vascular tumor. Hoffman RA. **Am J Otolaryngol** 1984 Jan-Feb;5(1):68-70

Cystic adventitial disease of the popliteal artery. Stallworth JM, et al. **Am Surg** 1985 Aug;51(8):455-9

Unsuspected parathyroid cysts diagnosed by measurement of thyroglobulin and parathyroid hormone concentrations in fluid aspirates. Pacini F, et al. **Ann Intern Med** 1985 Jun;102(6):793-4

Specific preoperative diagnosis of choledochal cysts by combined sonography and hepatobiliary scintigraphy. Papanicolaou N, et al. **Ann Radiol (Paris)** 1985; 28(3-4):276-82 **(Eng, Fre)**

Normal and pathologic choroid plexus ultrasound. Veyrac C, et al. **Ann Radiol (Paris)** 1985;28(3-4):215-23 **(Eng, Fre)**

Raphe cyst or apocrine cystadenoma of the glans penis [letter] Grosshans EM. **Arch Dermatol** 1984 Oct; 120(10):1279-80

Unusual antefemoral dissecting cyst. Corbetti F, et al. **Br J Radiol** 1985 Jul;58(691):675-7

Ultrasonography and brain pathology of periventricular hemorrhage and subependymal cyst in the preterm neonate. Takashima S, et al. **Brain Dev** 1984;6(3):311-6

EEG topography in porencephaly and arachnoid cyst. Takaesu E, et al. **Clin Electroencephalogr** 1985 Jan; 16(1):21-9

Tornwaldt's bursa. Miller RH, et al. **Clin Otolaryngol** 1985

Feb;10(1):21-5

To see or not to see, a difficult question in the ileocaecal region. Kroes H. **Endoscopy** 1984 Sep;16(5):193-6

Ultrasonography of the thyroid. An intracystic carcinoma and mousetyphoid induced abscess. A report of two cases. Conrad C. **Eur J Radiol** 1985 Aug;5(3):218-20

Asymptomatic large arachnoid cyst of the middle cranial fossa. A clinical and neuropsychological study. Gallassi R, et al. **Eur Neurol** 1985;24(2):140-4

Relapsing pancreatitis associated with duodenal wall cysts. Diagnostic approach and treatment. Holstege A, et al. **Gastroenterology** 1985 Mar;88(3):814-9

An evaluation of the effectiveness of CT vs. other imaging modalities in the diagnosis of atypical renal masses. Curry NS, et al. **Invest Radiol** 1984 Sep-Oct;19(5):447-54

Real-time sonographic diagnosis of a carcinoma in a renal cyst. Dery R, et al. **J Can Assoc Radiol** 1984 Dec; 35(4):392-4

A pseudo-choledocal cyst. Yazbeck S, et al. **J Can Assoc Radiol** 1985 Mar;36(1):74-5

MR imaging of a choledochal cyst. Alexander MC, et al. **J Comput Assist Tomogr** 1985 Mar-Apr;9(2):357-9

Computed tomography, sonography, vesiculography, and MR imaging of a seminal vesicle cyst. Kneeland JB, et al. **J Comput Assist Tomogr** 1985 Sep-Oct;9(5):964-6

MR imaging of a hemorrhagic hepatic cyst in a patient with polycystic liver disease. Wilcox DM, et al. **J Comput Assist Tomogr** 1985 Jan-Feb;9(1):183-5

Fetal sonography and neonatal scintigraphy of a choledochal cyst. Wiedman MA, et al. **J Nucl Med** 1985 Aug; 26(8):893-6

Splenic cyst presenting as a gastric mass. Berquist WE, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):805-7

Spontaneous intrauterine resolution of intraventricular cystic masses. Friday RO, et al. **J Ultrasound Med** 1985 Jul; 4(7):385-6

Ultrasound and computed tomographic demonstration of a duplication cyst of the ileum. Warhit JM, et al. **J Ultrasound Med** 1984 Dec;3(12):565-6

Blastomycosis presenting as a peritoneal inflammatory cyst. Bundy AL, et al. **JCU** 1985 Mar-Apr;13(3):205-7

Benign cystic peritoneal mesothelioma. Schneider JA, et al. **JCU** 1985 Mar-Apr;13(3):190-2

Otolaryngologic manifestations of posterior fossa arachnoid cysts. Hadley MN, et al. **Laryngoscope** 1985 Jun; 95(6):678-81

Large type I choledochal cyst in adults: a case report. Sudhakar Krishnan MM, et al. **Med J Malaysia** 1984 Jun; 39(2):163-6

Orbital dacryops. Brownstein S, et al. **Ophthalmology** 1984 Nov;91(11):1424-8

Pelvic masses in girls: an 8-year retrospective analysis stressing ultrasound as the prime imaging modality. Haller JO, et al. **Pediatr Radiol** 1984;14(6):363-8

Sonographic diagnosis of thoracic gastroenteric cyst in utero. Newnham JP, et al. **Prenat Diagn** 1984 Nov-Dec; 4(6):467-71

Cystic intracranial lesions: magnetic resonance imaging. Kjos BO, et al. **Radiology** 1985 May;155(2):363-9

Syringomyelia and hydromyelia: magnetic resonance evaluation. Pojunas K, et al. **Radiology** 1984 Dec; 153(3):679-83

Diagnosis of adult choledochal cyst. Chen TK, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Sep;83(9):947-53

Ultrasound diagnosis of tunica albuginea cyst: clinical perspective. Mevorach RA, et al. **Urology** 1985 May; 25(5):551-3

A cystic lesion in a 55-year-old man [clinical conference] Amerian J, et al. **West J Med** 1985 Jul;143(1):74-9

[Massive spontaneous hemorrhage from renal cysts] Nobaek S, et al. **Ugeskr Laeger** 1984 May 21;146(21):1570 (Eng. Abstr.) **(Dan)**

[Knee symptoms in children] Festen C, et al. **Ned Tijdschr Geneeskd** 1985 Feb 16;129(7):289-91 **(Dut)**

[Adventitial aortic cyst] Kitzis M, et al. **Ann Chir** 1983 Mar; 37(2):156-9 (Eng. Abstr.) **(Fre)**

[Congenital adenomatoid and cystic malformation of the lung. Anatomic and clinical presentation and discussion of 2 cases] Volant A, et al. **Ann Pediatr (Paris)** 1984 Oct; 31(8):685-90 (Eng. Abstr.) **(Fre)**

[Vulvar cysts disclosed in a neonate. Apropos of 6 cases] Lottmann H, et al. **Ann Urol (Paris)** 1985;19(4):259-62 (Eng. Abstr.) **(Fre)**

[Echographic aspects of orbital cysts] Poujol J, et al. **Bull Soc Ophtalmol Fr** 1984 Jan;84(1):35-6, 39 **(Fre)**

[Retroperitoneal cysts. Apropos of 50 cases] Guivarc'h M, et al. **Chirurgie** 1984;110(8-9):734-42 (Eng. Abstr.) **(Fre)**

[Cystic dilatation of the common bile duct. 4 cases, 2 with degeneration] Paineau J, et al. **Chirurgie** 1985;111(1):53-8 (Eng. Abstr.) **(Fre)**

[Posthemorrhage porencephalic cysts in the neonatal period. Diagnosis. Etiology. Development. Value of transfontanellar echography] Giroud M, et al. **Pediatrie** 1984 Oct-Dec;39(7):567-74 (Eng. Abstr.) **(Fre)**

[Cystic adventitial degeneration of the popliteal artery. Clinical case and review of the literature] Baar R, et al. **Chirurg** 1984 Aug;55(8):534-5 **(Ger)**

[Fetal intracranial invasive cysts. Diagnosis, procedure and therapy using the example of a case report (arachnoid cyst)] Limacher F, et al. **Geburtshilfe Frauenheilkd** 1984 Jul; 44(7):444-50 (Eng. Abstr.) **(Ger)**

[Diagnosis of choledochal cysts. The methodological value of imaging procedures] Düring A, et al. **ROFO** 1985 Apr; 142(4):380-5 (Eng. Abstr.) **(Ger)**

[Sonographic diagnosis of a choledochal cyst in a child] Vergesslich KA, et al. **ROFO** 1985 Jun;142(6):703-5 **(Ger)**

[Differential sonographic diagnosis. Pancreas (pseudo) cyst--choledochus cyst] Brockmann WP, et al. **Rontgenblatter** 1984 Oct;37(10):359-61 (Eng. Abstr.) **(Ger)**

[Cystic hypoplasia of the lung--pathogenesis, clinical aspects, diagnosis and therapy] Lewaschow JN. **Z Erkr Atmungsorgane** 1984;163(3):264-73 (Eng. Abstr.) **(Ger)**

[Retroperitoneal cyst: a little known internal medicine problem] Ramadori G, et al. **Z Gastroenterol** 1984 Nov; 22(11):661-4 (Eng. Abstr.) **(Ger)**

[Differential diagnostic procedure in sonographically detected fetal cystic hygroma] Holzgreve W. **Zentralbl Gynakol** 1985;107(4):245-51 (Eng. Abstr.) **(Ger)**

[Prenatal ultrasonic diagnosis of cystic adenomatoid changes in the fetal lung] Tóth Z, et al. **Orv Hetil** 1985 Jan 6; 126(1):29-32 (Eng. Abstr.) **(Hun)**

[Hematoma cyst of the spleen (apropos of 4 personal cases)] Sianesi M, et al. **Chir Ital** 1984 Jun;36(3):314-20 (Eng. Abstr.) **(Ita)**

[Role of echography in the differential diagnosis of the breast nodule] De Felice C, et al. **Minerva Ginecol** 1984 Nov; 36(11):739-43 (Eng. Abstr.) **(Ita)**

[Unusual presentation of a cystic carcinoma of the breast. Clinical and anatomopathological considerations] Santangelo A, et al. **Minerva Ginecol** 1984 Oct; 36(10):607-10 **(Ita)**

[Cytology of breast cysts] Stella F, et al. **Quad Sclavo Diagn** 1984 Sep;20(3):283-94 (Eng. Abstr.) **(Ita)**

[4 cases of müllerian duct cyst: echographic characteristics and ultrasonically guided cyst puncture] Kitahara S, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Mar;76(3):415-21 (Eng. Abstr.) **(Jpn)**

[Etiological studies of anomalous arrangement of the pancreatico-biliary ductal system and its clinical implications] Matsumoto Y, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):270-6 (Eng. Abstr.) **(Jpn)**

[Two cases of cervical intradural arachnoid cysts simulating juvenile muscular atrophy of a unilateral upper extremity (Hirayama's disease)] Oka N, et al. **Rinsho Shinkeigaku** 1985 May;25(5):614-9 (Eng. Abstr.) **(Jpn)**

[Case of epithelial cyst of the uvula situated in the nasopharynx in a newborn infant] Pruszewicz A, et al. **Otolaryngol Pol** 1984;38(6):529-31 (Eng. Abstr.) **(Pol)**

[Usefulness of ultrasonic studies in the differential diagnosis of palpable abdominal tumors] Jakubowski W, et al. **Pol Przegl Radiol (Warszawa)** 1984 Sep-Oct;48(5):287-9 (Eng. Abstr.) **(Pol)**

[Non-parasitic liver cysts] Sołtysiak A, et al. **Wiad Lek** 1984 Jun 1;37(11):874-6 (Eng. Abstr.) **(Pol)**

[A case of cystic dilatation of intra- and extrahepatic bile ducts] Szalaj W, et al. **Wiad Lek** 1984 Nov 1;37(21):1695-9 (Eng. Abstr.) **(Pol)**

[Radionuclide and sonographic diagnosis of fibrocholangiocystosis of the liver in children] Zubovskiĭ GA, et al. **Pediatriia** 1984 Sep;(9):38-41 **(Rus)**

[Multilocular cyst of the kidney] Malossine G, et al. **Arch Esp Urol** 1985 Jan-Feb;38(1):19-24 (Eng. Abstr.) **(Spa)**

[Multiple hepatic cysts (letter)] Guarga A, et al. **Med Clin (Barc)** 1984 Oct 20;83(12):517 **(Spa)**

[Cysts of the choledochus. Apropos of a case] Cuesta Fernández E, et al. **Rev Esp Enferm Apar Dig** 1984 Sep; 66(3):241-3 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Cystic thyroid nodules [letter] Miller JM. **Arch Intern Med** 1985 Jan;145(1):181

Intralesional corticosteroid therapy of chalazia: a comparison with incision and curettage. Jacobs PM, et al. **Br J Ophthalmol** 1984 Nov;68(11):836-7

Treatment of chalazions with injection of a steroid suspension. Watson AP, et al. **Br J Ophthalmol** 1984 Nov; 68(11):833-5

Kenalog injection of chalazia. Lander JR, et al. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter; 37(2):183-4

Trichloroacetic acid treatment of adnexal sudoriferous cyst. Notz RG. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter;37(2):181-2

ENZYMOLOGY

Thymidine kinase in brain-tumor cysts. Persson L, et al. **J Neurosurg** 1985 Oct;63(4):568-72

ETIOLOGY

Demodectic mites and chalazion. English FP, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):482-3

Association of splinters with chromomycosis and phaeomycotic cyst [letter] Connor DH, et al. **Arch Dermatol** 1985 Feb;121(2):168

Spontaneous urinoma due to retroperitoneal fibrosis and aortic aneurysm. Allison MC, et al. **Br Med J [Clin Res]** 1985 Jul 20;291(6489):176

Urinoma complicating papillary necrosis in diabetes. Dennis MS, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1581

Etiology of choledochal cysts: two instructive cases. Gorenstein L, et al. **Can J Surg** 1985 Jul;28(4):363-7

Cutaneous nodule following heel pricks. Leung AK. **Can Med Assoc J** 1985 May 15;132(10):1163

Dorsal cyst malformations. Part II. Galenic dysgenesis and its embryological considerations. Yokota A, et al. **Childs Brain** 1984;11(6):403-17

Leptomeningeal cyst formation. Report of an unusual case. Koçanaoğullari O. **Clin Neurol Neurosurg** 1984; 86(4):299-300

Heterotopic gastric cyst of the oral cavity. Daley TD, et al. **Head Neck Surg** 1984 Dec;7(2):168-71

Solitary nonparasitic cyst of the liver in children: two cases of rapid enlarging cyst caused by minor abdominal injury. Yokoyama T, et al. **Hiroshima J Med Sci** 1984 Dec; 33(4):595-8

Cystic swelling in axilla (a rare presentation of filariasis). Bedi VP, et al. **J Indian Med Assoc** 1984 Dec;82(12):448-9

Intrahepatic biliary tract abnormalities in children with corrected extrahepatic biliary atresia. Werlin SL, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):537-41

Experimental study of the pathogenesis of choledochal cyst and pancreatitis, with special reference to the role of bile acids and pancreatic enzymes in the anomalous choledocho-pancreatico ductal junction. Yamashiro Y, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):721-7

Gorlin's syndrome. MacSweeney JE, et al. **J R Soc Med** 1985 Mar;78(3):253-5

Radiologic management of a disrupted ureteral anastomosis and infected urinoma after gunshot wound. Sclafani SJ, et al. **J Trauma** 1984 Dec;24(12):1060-2

Traumatic pulmonary pseudocysts and paramediastinal air cyst: two rare complications of blunt chest trauma. Stulz P, et al. **J Trauma** 1984 Sep;24(9):850-3

Scrotal lymphocele: a complication of renal transplant surgery. Dierks PR, et al. **J Ultrasound Med** 1985 Feb; 4(2):91-2

Traumatic lymphocele following renal transplantation. Roney PD, et al. **J Urol** 1985 Aug;134(2):322-3

Spontaneous remission of hypercalcemia in a functioning parathyroid cyst. Ozaki O, et al. **Jpn J Surg** 1984 Jul; 14(4):315-9

Scrotal lymphocele complicating renal transplantation. Kaude JV, et al. **Lymphology** 1984 Sep;17(3):81-2

Post-traumatic cystic and non-cystic myelopathy. Stevens JM, et al. **Neuroradiology** 1985;27(1):48-56

Pathogenesis of the so-called cystic adventitial degeneration of peripheral blood vessels. Leu HJ, et al. **Virchows Arch [A]** 1984;404(3):289-300

[Case of a urinoma following ureterolithotomy] Panchev P, et al. **Khirurgiia (Sofiia)** 1984;37(5):417-8 **(Bul)**

[Acute arachnoid cyst, a rare complication of fractures of the spine] Fontaine C, et al. **Acta Orthop Belg** 1984; 50(6):854-9 (Eng. Abstr.) **(Fre)**

[Leptomeningeal cyst and extensive osteolysis. Rare complication of fractures of the skull. Apropos of 4 cases] Pascaud JL, et al. **Ann Radiol (Paris)** 1984 Dec;27(8):659-63 (Eng. Abstr.) **(Fre)**

[Cystic dilatation of the pelvic ureter. Apropos of a case] Sebag A, et al. **Ann Radiol (Paris)** 1985;28(1):69-72 (Eng. Abstr.) **(Fre)**

[Infectious mononucleosis and splenic pseudocyst: presentation of a case] Roy G, et al. **Can J Surg** 1985 Mar; 28(2):162-3 (Eng. Abstr.) **(Fre)**

[Baker's cysts in rheumatoid arthritis: arthrographic-clinical study] Sgobbi S, et al. **Chir Organi Mov** 1982-83; 68(4-6):615-23 (Eng. Abstr.) **(Ita)**

[Abdominal pseudocyst associated with peritoneal shunt. Case report] Suematsu K, et al. **Neurol Med Chir (Tokyo)** 1984 Sep;24(9):722-7 (Eng. Abstr.) **(Jpn)**

[Isolated traumatic rupture of the renal pelvis with formation of a pararenal pseudocyst] Bliudzin ZL. **Urol Nefrol (Mosk)** 1985 Jan-Feb;(1):53 **(Rus)**

[Closed chest injuries and lung cysts in children] Atamanov IuA. **Vestn Khir** 1984 Oct;133(10):90-4 (Eng. Abstr.) **(Rus)**

[Urinoma caused by the spontaneous outpouring of an excluded aorto-iliac aneurysm into a ureter (letter)] Núñez Tomás JM, et al. **Med Clin (Barc)** 1985 Mar 2;84(8):334-5 **(Spa)**

FAMILIAL & GENETIC

[Colobomatous microphthalmos with cyst and 4 P-syndrome] Baudet D, et al. **Bull Soc Ophtalmol Fr** 1984 Jan;84(1):67-8 (Eng. Abstr.) **(Fre)**

METABOLISM

Thyroid hormone levels in human breast cyst fluid. Angeli A, et al. **Acta Endocrinol (Copenh)** 1984 Oct;107(2):230-6

Bile acid abnormalities and the diagnosis of cerebro-hepato-renal syndrome (Zellweger syndrome). Eyssen H, et al. **Acta Paediatr Scand** 1985 Jul;74(4):539-44

Chemical components of jelly-like matrix in digital mucous cyst. Nishimura M, et al. **Clin Exp Dermatol** 1985 Mar; 10(2):116-20

OCCURRENCE

Cysts of the oral mucosa in newborns: a clinical observation. Ikemura K, et al. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1; 5(2):163–8

[24 new cases of urothelial cystosis] Gelabert Mas A, et al. **Arch Esp Urol** 1985 Jan–Feb;38(1):14–8 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Ependymal cyst of the subarachnoid space. Cytologic diagnosis and developmental considerations. Schelper RL, et al. **Acta Cytol (Baltimore)** 1985 Jan–Feb;29(1):44–8

Xanthogranulomatous colloid cyst of the third ventricle. Hadfield MG, et al. **Acta Neuropathol (Berl)** 1985; 66(4):343–6

Ultrastructural observation on a colloid cyst of the third ventricle. A contribution to its pathogenesis. Yagishita S, et al. **Acta Neuropathol (Berl)** 1984;65(1):41–5

Acquired toxoplasmic lymphadenitis with demonstration of the cyst in imprints [letter] Fernandez–Rivero CS, et al. **Am J Clin Pathol** 1984 Dec;82(6):751–2

Endochondral pseudocyst of the auricle in Chinese. Choi S, et al. **Arch Otolaryngol** 1984 Dec;110(12):792–6

Tracheal carcinoma presenting as a thyroid cyst. Vitug AC, et al. **Arch Otolaryngol** 1985 May;111(5):340–1

Adrenal cyst. Buchino JJ, et al. **Arch Pathol Lab Med** 1985 Apr;109(4):377–9

Congenital polycystic tumor of the atrioventricular node. Autopsy study with immunohistochemical findings suggesting endodermal derivation. Duray PH, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):30–4

Benign cystic mesothelioma. Case reports. Philip G, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):932–8

Bilateral squamous cysts of the thyroid gland. Desai GA, et al. **Cent Afr J Med** 1985 May;31(5):97–8

Median raphe cyst of the penis. Terao Y, et al. **Cutis** 1984 Nov;34(5):495–6

Squamous cell carcinoma of the liver. Gresham GA, et al. **Hum Pathol** 1985 Apr;16(4):413–6

Pulmonary air cysts in cystic fibrosis: relation of pathologic features to radiologic findings and history of pneumothorax. Tomashefski JF Jr, et al. **Hum Pathol** 1985 Mar;16(3):253–61

Colitis cystica profunda. Ramnarayan K, et al. **Indian J Gastroenterol** 1985 Apr;4(2):109–10

Phaeohyphomycotic cyst of the skin caused by Exophiala jeanselmei. Zackheim HS, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):207–12

'True' cystic meningioma [letter] Ruelle A, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):716–8

Spinal intramedullary pseudocyst. Case report. Chuang KS, et al. **J Neurosurg** 1985 Sep;63(3):453–5

Unexpected inorganic elements in oral lesions: results of X–ray energy spectroscopy (XES) on particulate matter in paraffin sections. Levison DA, et al. **J Pathol** 1984 Oct; 144(2):119–29

Benign cysts of the parotid gland. Cohen MN, et al. **J Surg Oncol** 1984 Oct;27(2):85–8

Cystic intra–abdominal testicular torsion in an infant. Nistal M, et al. **J Urol** 1985 Mar;133(3):481–2

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 28–1985. Recurrent abdominal pain and an epigastric mass in a 21–year–old woman. **N Engl J Med** 1985 Jul 11;313(2):104–10

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 32–1985. Recurrent pneumothorax, hemoptysis, and multiple lung cysts. **N Engl J Med** 1985 Aug 8;313(6):374–82

Solitary nonparasitic liver cysts [letter] Keller SM, et al. **NY State J Med** 1985 Mar;85(3):95–6

Lacrimal gland duct cysts. Hornblass A, et al. **Ophthalmic Surg** 1985 May;16(5):301–6

Pigmented free–floating vitreous cysts in two young adults. Electron microscopic observations. Orellana J, et al. **Ophthalmology** 1985 Feb;92(2):297–302

Pseudocysts and retention cysts of the maxillary sinus. Gardner DG. **Oral Surg Oral Med Oral Pathol** 1984 Nov; 58(5):561–7

Cutaneous adnexal tumors and cysts: a review. Part I. Tumors with hair follicular and sebaceous glandular differentiation and cysts related to different parts of the hair follicle. Massa MC, et al. **Pathol Annu** 1985;20 Pt 2:189–233 (56 ref.)

The intramucosal cysts of the stomach. VI. Their quantitative and qualitative characteristics in focal (elevated) neoplastic lesions. Rubio CA, et al. **Pathol Res Pract** 1984 Sep; 179(1):105–9

The fetal adrenal gland: definitive cortex cystic change, lipid patterns, and their relationship to fetal disease and maturity. Delprado WJ, et al. **Pathology** 1984 Jul;16(3):312–7

Omphalomesenteric duct cysts of the umbilical cord. Heifetz SA, et al. **Pediatr Pathol** 1983 Jul–Sep;1(3):325–35

Clinical correlates of septum pellucidum cavities: an unusual association with psychosis. Lewis SW, et al. **Psychol Med** 1985 Feb;15(1):43–54

Parathyroid cyst. Ferrara BE, et al. **South Med J** 1985 May; 78(5):528–32

Mixed colloid cyst–xanthogranuloma of the third ventricle. A light and electron microscopic study. Matsushima T, et al. **Surg Neurol** 1985 Oct;24(4):457–62

Urinoma—a rare presentation of carcinoma of the bladder. Ali Khan S, et al. **Urol Int** 1985;40(2):97–9

[2 cases of splenic cysts in childhood] Khristov Kh, et al. **Khirurgiia (Sofiia)** 1984;37(6):481–4 (Eng. Abstr.) **(Bul)**

[Case report of solitary cysts of the cecum] Trifonov D. **Khirurgiia (Sofiia)** 1985;38(2):73–5 **(Bul)**

[Intrathecal cyst of the common fibular nerve] Chen JK. **Chung Hua I Hsueh Tsa Chih** 1984 Jun;64(6):387–8 **(Chi)**

[Mesothelial cyst of the spleen with squamous cell metaplasia] Mazanec K. **Cesk Patol** 1984 Aug;20(3):183–7 (Eng. Abstr.) **(Cze)**

[Pseudocysts of the auricle. Clinical and histological studies of 3 cases] Botella–Anton R, et al. **Ann Dermatol Venereol** 1984;111(10):919–23 (Eng. Abstr.) **(Fre)**

[Enteroid cyst of the spleen: a new entity? Apropos of 2 cases] Issa M, et al. **J Chir (Paris)** 1984 Jun–Jul; 121(6–7):425–9 (Eng. Abstr.) **(Fre)**

[Importance of the proliferating trichilemmal cyst] Hödl S, et al. **Hautarzt** 1984 Dec;35(12):640–4 (Eng. Abstr.) **(Ger)**

[Intraneural ganglion of the tibial nerve in the tarsal tunnel] Penkert G, et al. **Nervenarzt** 1984 Oct;55(10):552–5 **(Ger)**

[Primary splenic cyst] Schwesinger G, et al. **Z Gesamte Inn Med** 1984 Nov 15;39(22):570–2 (Eng. Abstr.) **(Ger)**

[Primary cancer of a Morgagni hydatid] Dieminger HJ, et al. **Zentralbl Gynakol** 1985;107(7):442–5 (Eng. Abstr.) **(Ger)**

[Round opacity of the lung] Palmieri F, et al. **Arch Monaldi** 1983 Sep–Dec;38(5–6):233–7 **(Ita)**

[Intracystic papillary carcinoma of the breast] Dal Pos R, et al. **Minerva Ginecol** 1984 Oct;36(10):603–6 **(Ita)**

[Cystic cystitis and renal tuberculosis. A clinical case description with 10–year follow–up] Aragona F, et al. **Minerva Urol Nefrol** 1984 Jul–Sep;36(3):223–8 (Eng. Abstr.) **(Ita)**

[Rare case of double cyst of the omentum] Danti DA, et al. **Pediatr Med Chir** 1984 Jan–Feb;6(1):155–6 (Eng. Abstr.) **(Ita)**

[Solid and cystic tumor of the pancreas—report of a case in a 13–year–old girl] Kubo T, et al. **Gan No Rinsho** 1985 Jun;31(7):882–8 (Eng. Abstr.) **(Jpn)**

[Diffuse heterotopic multiple cysts of the stomach with special reference to the histogenesis and relationship with gastric cancer] Yonemura Y, et al. **Gan No Rinsho** 1985 Feb;31(2):162–7 (Eng. Abstr.) **(Jpn)**

[Meningioma with vacuolated component. A contribution to the pathogenesis of the cyst formation in meningioma—report of two cases] Orita T, et al. **Neurol Med Chir (Tokyo)** 1985 Jun;25(6):479–83 (Eng. Abstr.) **(Jpn)**

[Retrocerebellar glio–ependymal cyst with corpora amylacea in wall. Case report] Yamashima T, et al. **Neurol Med Chir (Tokyo)** 1985 May;25(5):387–92 (Eng. Abstr.) **(Jpn)**

[Splenic cyst] Morimoto H, et al. **Nippon Geka Hokan** 1984 Sep 1;53(5):677–83 (Eng. Abstr.) **(Jpn)**

[An arachnoid cyst in the left lateral ventricle] Yoshida T, et al. **No Shinkei Geka** 1984 Jul;12(8):969–73 (Eng. Abstr.) **(Jpn)**

[Retroperitoneal cysts] Balas An, et al. **Klin Khir** 1985 May; (5):59 **(Rus)**

[Cystiform dilatation of the common bile duct] Baranov OG, et al. **Klin Khir** 1984 Sep;(9):62 **(Rus)**

[Cysts of the common bile duct] Borodii VA, et al. **Klin Khir** 1984 Sep;(9):63 **(Rus)**

[Multichamber pseudocyst of the liver with malacoplakia] Moldavskii MI, et al. **Klin Khir** 1984 Sep;(9):64–5 **(Rus)**

[Cyst of the common bile duct] Musaev TM, et al. **Klin Khir** 1984 Sep;(9):63–4 **(Rus)**

[Giant cyst of the common bile duct in a child] Gorshkov GM, et al. **Vestn Khir** 1985 Jan;134(1):109 **(Rus)**

[Cyst of Skene's gland communicating with the urethra] Castiñeiras J, et al. **Actas Urol Esp** 1985 May–Jun; 9(3):259–62 (Eng. Abstr.) **(Spa)**

[Cyst of the septum pellucidum] Carda J, et al. **Arch Neurobiol (Madr)** 1984 May–Jun;47(3):115–8 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Hyperplastic primary vitreous with microphthalmos and ocular communicating orbital cyst. Hall DL. **Ann Ophthalmol** 1984 Sep;16(9):876–8

Displacement of the diaphragmatic echo by hepatic cysts: a new explanation with computer simulation. Mayo J, et al. **J Ultrasound Med** 1984 Aug;3(8):337–40

Multiple cysts in the hepatic hilum and their pathogenesis. A suggestion of periductal gland origin. Nakanuma Y, et al. **Virchows Arch [A]** 1984;404(4):341–50

PSYCHOLOGY

Behavioural manifestations of third ventricular colloid cysts. Lobosky JM, et al. **J Neurol Neurosurg Psychiatry** 1984 Oct;47(10):1075–80

RADIOGRAPHY

Needle puncture followed by pneumocystography of palpable breast cysts. A controlled clinical trial. Dyreborg U, et al. **Acta Radiol [Diagn] (Stockh)** 1985 May–Jun; 26(3):277–81

Metrizamide CT ventriculography in the evaluation of a pseudoballooned fourth ventricle. Brooks BS, et al. **AJNR** 1984 Nov–Dec;5(6):825–7

Giant cholesterol cysts of the petrous apex: radiologic features. Latack JT, et al. **AJNR** 1985 May–Jun;6(3):409–13

Cystic adventitial degeneration of the popliteal artery: CT demonstration and directed percutaneous therapy. Deutsch AL, et al. **AJR** 1985 Jul;145(1):117–8

Intraspinal arachnoid cysts. Swamy KS, et al. **Clin Neurol Neurosurg** 1984;86(3):143–8

Multiple staphylococcal pneumatoceles in an adult. Olutola PS, et al. **Diagn Imag Clin Med** 1984;53(6):306–9

Two spinal arachnoid cysts. Case reports and short review of literature. Puijlaert JB, et al. **Eur J Radiol** 1985 May; 5(2):135–8

Spindle cell sarcoma mimicking traumatic lung cysts. Thorvinger B, et al. **Eur J Radiol** 1985 May;5(2):152–3

Role of endoscopic retrograde cholangiopancreatography in the diagnosis and treatment of choledochocele. Venu RP, et al. **Gastroenterology** 1984 Nov;87(5):1144–9

Clinical interpretation of cysts in the popliteal space using computerised tomography. Trecco F, et al. **Ital J Orthop Traumatol** 1984 Dec;10(4):511–9

Cystic lesions of the adrenals: diagnosis and management. Vézina CT, et al. **J Can Assoc Radiol** 1984 Jun;35(2):107–12

CT demonstration of an adrenal pseudocyst. Johnson CD, et al. **J Comput Assist Tomogr** 1985 Jul–Aug;9(4):817–9

Computed tomography of choledochocele. Pollack M, et al. **J Comput Assist Tomogr** 1985 Mar–Apr;9(2):360–2

Retention cyst of the epiglottis: CT appearance. Stark P. **J Comput Assist Tomogr** 1985 May–Jun;9(3):582–3

Cystic mural nodule in cerebellar hemangioblastoma: CT demonstration. Tan WS, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1175–8

Computed tomography of a sacral perineural cyst. Willinsky RA, et al. **J Comput Assist Tomogr** 1985 May–Jun; 9(3):599–601

Calcified uriniferous perirenal pseudocyst: a case report. Noiklang P, et al. **J Med Assoc Thai** 1985 May;68(5):273–5

Sacral meningeal cysts. A radio–clinical study based on 8 personal cases. Tournade A, et al. **J Neuroradiol** 1984; 11(2):83–103 **(Eng, Fre)**

Infratentorial arachnoid cysts. Galassi E, et al. **J Neurosurg** 1985 Aug;63(2):210–7

Microphthalmos with cyst: clinical presentations and computed tomographic findings. Weiss A, et al. **J Pediatr Ophthalmol Strabismus** 1985 Jan–Feb;22(1):6–12

Cryptococcal intracerebral mass lesions: CT–pathologic considerations. Garcia CA, et al. **Neurology** 1985 May; 35(5):731–4

Cystic meningiomas: report of two cases. Aydin Y, et al. **Neurosurgery** 1985 Jan;16(1):87–9

Ependymal cyst of the quadrigeminal plate: case report. Davis RP, et al. **Neurosurgery** 1985 Jan;16(1):96–9

Intracranial mucocele mimicking arachnoid cyst: case report. Tamas LB, et al. **Neurosurgery** 1985 Jan;16(1):85–6

Transient idiopathic subpleural cysts in the newborn: an observation in two patients. Saez F, et al. **Pediatr Radiol** 1985;15(4):249–50

Uriniferous pseudocyst: computed tomographic findings. Healy ME, et al. **Radiology** 1984 Dec;153(3):757–62

Cystic dilatations of the upper urinary tract: a radiologist's developmental model. Mellins HZ. **Radiology** 1984 Nov; 153(2):291–301

Adventitial cystic disease of the popliteal artery. Wilbur AC, et al. **Radiology** 1985 Apr;155(1):63–4

Case report 307. Diagnosis: synovial osteochondromatosis limited to a popliteal cyst. Abu–Yousef MM, et al. **Skeletal Radiol** 1985;13(3):234–8

Adrenal pseudocyst in a hypertensive patient. White R, et al. **South Med J** 1984 Sep;77(9):1189–91

Spontaneous disappearance of a large middle fossa arachnoid cyst. Beltramello A, et al. **Surg Neurol** 1985 Aug; 24(2):181–3

Communicating spinal arachnoid cysts: diagnosis by delayed metrizamide computed tomography. DiSclafani A 2d, et al. **Surg Neurol** 1985 Apr;23(4):428–30

Posterior mediastinal teratoma mimicking foregut duplication. Galloway PG, et al. **Z Kinderchir** 1985 Feb; 40(1):53–4

[Percutaneous transhepatic cholangiography in the diagnosis of congenital choledochal cyst in infants and children] Chen LY. **Chung Hua Fang She Hsueh Tsa Chih** 1985 Apr; 19(2):93–5 (Eng. Abstr.) **(Chi)**

[Differential diagnosis of cystic formations in the abdomen using computer tomography] Bruna J. **Cesk Radiol** 1984 Jul;38(4):235–42 (Eng. Abstr.) **(Cze)**

[Arachnoidal cysts. A clinical, neuroradiologic and computed tomographic study] Agnoli AL, et al. **ROFO** 1984 Nov; 141(5):491–8 (Eng. Abstr.) **(Ger)**

[Unusual computed tomographic picture of a colloid cyst of the 3d ventricle] Ortore PG, et al. **ROFO** 1984 Nov; 141(5):588–9 **(Ger)**

[Computer tomographic detection of an intraspinal arachnoid cyst] Agnoli AL. **Rontgenblatter** 1984 Nov;37(11):391–3 (Eng. Abstr.) **(Ger)**

[CT findings and CT–guided puncture of a perineal cyst] Hannig C, et al. **Rontgenblatter** 1985 Jan;38(1):13–4 (Eng. Abstr.) **(Ger)**

[Adrenal cyst—a rare finding] Reichelt HG. **Rontgenblatter** 1985 Jan;38(1):25–6 (Eng. Abstr.) **(Ger)**

[Hematopoietic foci as a cause of cystoid mandibular lesions]

Sailer HF, et al. **Schweiz Monatsschr Zahnmed** 1985 Mar; 95(3):183–93 (Eng. Abstr.) (Ger)

[A case of bronchogenic cyst showing cardiac abnormalities diagnosed by reconstruction CT prior to surgery] Fujita N, et al. **Kokyu To Junkan** 1985 Mar;33(3):479–83 (Eng. Abstr.) (Jpn)

[A case of bronchogenic carcinoma developing in a giant bulla] Ishikawa K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug; 22(8):719–23 (Eng. Abstr.) (Jpn)

[Spinal intradural arachnoid cyst. Report of five cases and a review of the literature] Nishiura I, et al. **No Shinkei Geka** 1984 Nov;12(12):1385–92 (Eng. Abstr.) (Jpn)

[Computed tomography of post-operative maxillary cyst] Kimoto T, et al. **Rinsho Hoshasen** 1984 Jul;29(7):753–6 (Eng. Abstr.) (Jpn)

[Giant retroperitoneal cyst] Tychmanowicz K, et al. **Wiad Lek** 1985 Jan 1;38(1):71–3 (Eng. Abstr.) (Pol)

[Computerized tomography in evaluating the etiology of focal epilepsy] Bogunović D, et al. **Vojnosanit Pregl** 1984 Jul–Aug;41(4):285–6 (Ser)

RADIONUCLIDE IMAGING

Unusual cholescintigraphic findings in polyarteritis nodosa. Amir R, et al. **Clin Nucl Med** 1984 Oct;9(10):585–7

Intrahepatic gallbladder simulating choledochal cyst on DISIDA scintigraphy. Dumont M, et al. **Clin Nucl Med** 1984 Nov;9(11):657–8

Interstitial lymphoscintigraphy for diagnosis of lymphocele. Patel BR, et al. **Clin Nucl Med** 1985 Mar;10(3):175–6

Cystic disease of the liver studied by 99Tcm DISIDA and 99Tcm sulphur colloid imaging. Shih WJ, et al. **Nucl Med Commun** 1985 Mar;6(3):173–8

Popliteal cysts and deep venous thrombosis: Tc–99m red blood cell venography. Littlejohn GO, et al. **Radiology** 1985 Apr;155(1):237–40

SECRETION

An ultrastructural study on muciparous microcysts of the human adenohypophysis. Cinti S, et al. **Acta Anat (Basel)** 1985;121(2):94–8

SURGERY

Conservative surgical treatment of splenic cysts. Møller Pedersen V, et al. **Acta Chir Scand** 1985;151(4):397–8

Treatment of supratentorial primary arachnoid cysts. Lodrini S, et al. **Acta Neurochir (Wien)** 1985;76(3–4):105–10

Colloid cysts of the third ventricle. A review of 36 cases. Nitta M, et al. **Acta Neurochir (Wien)** 1985;76(3–4):99–104

Shunting procedures in the management of intracranial cerebrospinal fluid cysts in infancy and childhood. Serlo W, et al. **Acta Neurochir (Wien)** 1985;76(3–4):111–6

Infarction of a duodenal duplication cyst. Fan ST, et al. **Am J Gastroenterol** 1985 May;80(5):337–9

Treatment of acquired epithelial inclusion cyst of the conjunctiva using the YAG laser [letter] de Bustros S, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):807–8

Choledochocele and recurrent pancreatitis. Diagnosis and surgical management. Greene FL, et al. **Am J [illegible]g** 1985 Feb;149(2):306–9

Choledochal cysts: results of primary surgery and need for reoperation in young patients. Takiff H, et al. **Am J Surg** 1985 Jul;150(1):141–6

Laser treatment of primary ring–shaped epithelial iris cyst. Bron AJ, et al. **Br J Ophthalmol** 1984 Dec;68(12):859–65

Cystic adventitial disease of the common femoral artery communicating with the hip joint. Campbell WB, et al. **Br J Surg** 1985 Jul;72(7):537

Splenic cyst: the case against splenectomy. Shandall AA, et al. **Bristol Med Chir J** 1984 Oct;99(372):107–10

Splenic cyst––definitive treatment by laparoscopy. Salky B, et al. **Gastrointest Endosc** 1985 Jun;31(3):213–5

Surgical treatment of pancreatic cysts: review of 21 cases. Tanaka T, et al. **Hiroshima J Med Sci** 1985 Mar; 34(1):109–12

Plantar inclusion cyst: a review of the literature. McClain J, et al. **J Foot Surg** 1984 Nov–Dec;23(6):454–6

Partial splenectomy for a splenic pseudocyst. Rosser SB. **J Natl Med Assoc** 1984 Oct;76(10):1020–4

CT–assisted stereotaxic aspiration of colloid cysts of the third ventricle. Rivas JJ, et al. **J Neurosurg** 1985 Feb; 62(2):238–42

Splenic cystectomy and splenic preservation. Hodgson WJ. **Mt Sinai J Med (NY)** 1984 Jul–Aug;51(4):543–6

Symptomatic spinal cord deformity secondary to a redundant intramedullary shunt catheter. Clinical and radiographic features. Quencer RM, et al. **Neuroradiology** 1985; 27(2):176–80

Cystic supratentorial gliomas: natural history and evaluation of modes of surgical therapy. Loftus CM, et al. **Neurosurgery** 1985 Jul;17(1):19–24

Management of Bartholin duct cysts with the carbon dioxide laser. Davis GD. **Obstet Gynecol** 1985 Feb;65(2):279–80

Surgical management of encapsulated filtering blebs. Pederson JE, et al. **Ophthalmology** 1985 Jul;92(7):955–8

Argon laser destruction of anterior chamber implantation cysts [letter] Sugar J, et al. **Ophthalmology** 1985 Feb; 92(2):306–7

Argon laser destruction of anterior chamber implantation cysts. Sugar J, et al. **Ophthalmology** 1984 Sep;91(9):1040–4

Cystic dilation of the common bile duct. Lygidakis NJ. **Surg Gynecol Obstet** 1985 Feb;160(2):115–8

Colloid cysts with and without ventriculomegaly: role of intraoperative real–time ultrasound. Rezvani L, et al. **Surg Neurol** 1984 Nov;22(5):515–8

Choledochal cysts in adults: clinical management. Nagorney DM, et al. **Surgery** 1984 Oct;96(4):656–63

[Arachnoid cysts of the spinal cord] Xiong YZ. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Aug; 17(4):211–3 (Eng. Abstr.) (Chi)

[Seminal vesicle cysts: report of 5 cases] Wu GQ. **Chung Hua Wai Ko Tsa Chih** 1984 May;22(5):304–5 (Eng. Abstr.) (Chi)

[Pericardial cysts and primary tumors] Xue GX. **Chung Hua Wai Ko Tsa Chih** 1984 Oct;22(10):586–7, 636–7 (Eng. Abstr.) (Chi)

[Complications during exeresis of cystic tumors of the brain in children] Bracali AM, et al. **Cah Anesthesiol** 1984 Jan–Feb;32(1):57–9 (Fre)

[Malignant hyperthermia] Eliet B, et al. **Cah Anesthesiol** 1984 Sep;32(5):387–9 (Fre)

[Diagnosis and therapy of bile duct cysts in adults] Garcia–Gallont R, et al. **Langenbecks Arch Chir** 1984; 363(1):31–41 (Eng. Abstr.) (Ger)

[Cyst of Gartner's duct as a surgical problem] Kukuk G, et al. **Zentralbl Chir** 1984;109(10):688–90 (Ger)

[Surgical treatment of pseudomyxoma peritonei] Rabinowitz R, et al. **Harefuah** 1985 Mar 1;108(5):238–9 (Eng. Abstr.) (Heb)

[Cystic dilatation of the choledochus] Bosco L, et al. **Chir Ital** 1983 Feb;35(1):77–86 (Eng. Abstr.) (Ita)

[Cystic neoformations of the retroperitoneal space (4 case reports)] Danieli D, et al. **Chir Ital** 1983 Apr;35(2):157–79 (Eng. Abstr.) (Ita)

[Babbit's pancreatico–biliary anomaly in cystic dilatation of the choledocus] Mosca F, et al. **Minerva Chir** 1984 Nov 30;39(22):1609–13 (Eng. Abstr.) (Ita)

[A case of recurrent cyst of Müllerian duct] Iwai A, et al. **Hinyokika Kiyo** 1984 Oct;30(10):1471–7 (Eng. Abstr.) (Jpn)

[Retroperitoneal cyst: a case report] Yamaguchi K, et al. **Hinyokika Kiyo** 1984 Dec;30(12):1809–12 (Eng. Abstr.) (Jpn)

[Arachnoid cyst of the quadrigeminal cistern] Fujita K, et al. **No Shinkei Geka** 1984 Oct;12(11):1315–22 (Eng. Abstr.) (Jpn)

[Cerebellar cyst––a variant of the isolated fourth ventricle] Sato H, et al. **No Shinkei Geka** 1984 Sep;12(10):1179–85 (Eng. Abstr.) (Jpn)

[Solitary cyst of the liver in a child] Lukoianova GM, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):139–40 (Rus)

[Surgical treatment of a cyst of the extrahepatic bile ducts] Masalin MM, et al. **Khirurgiia (Mosk)** 1985 Jan;(1):104–5 (Rus)

[Radical treatment of patients with acute inflammation of epithelial coccygeal cysts] Kibal'chich AV, et al. **Klin Khir** 1985 Jan;(1):12–4 (Eng. Abstr.) (Rus)

[Diagnosis and surgical treatment of liver cysts] Moravec R, et al. **Rozhl Chir** 1985 May;64(5):340–5 (Eng. Abstr.) (Slo)

[Surgical treatment of solitary non–parasitic liver cysts] López Lizárraga C, et al. **Rev Gastroenterol Mex** 1984 Oct–Dec;49(4):239–42 (Eng. Abstr.) (Spa)

THERAPY

Hepatic cysts: treatment with alcohol. Bean WJ, et al. **AJR** 1985 Feb;144(2):237–41

Cystoperitoneal shunting for congenital arachnoid cysts. Kaplan BJ, et al. **Childs Brain** 1984;11(5):304–11

Percutaneous drainage of malignant cysts. Golding SJ, et al. **Clin Radiol** 1984 Nov;35(6):475–8

Pseudocysts of the auricle. Shanmugham MS. **J Laryngol Otol** 1985 Jul;99(7):701–3

Adventitial cystic disease of the popliteal artery: failure of percutaneous transluminal angioplasty as a therapeutic modality. Fox RL, et al. **J Vasc Surg** 1985 May;2(3):464–7

Treatment of thyroid cysts by sclerosation. Porenta M, et al. **Radiobiol Radiother (Berl)** 1985;26(2):249–54

[Ovarian hyperstimulation: treatment of voluminous cysts by percelioscopic puncture] Jahier J, et al. **Rev Fr Gynecol Obstet** 1985 Feb;80(2):109–11 (Eng. Abstr.) (Fre)

[Decompression punctures in cystic organic degeneration (liver, kidneys) under ultrasonic control] Brockmann WP, et al. **Digitale Bilddiagn** 1985 Jun;5(2):80–4 (Eng. Abstr.) (Ger)

ULTRASTRUCTURE

Proliferating trichilemmal cyst: an ultrastructural study. Miyairi H, et al. **J Cutan Pathol** 1984 Aug;11(4):274–81

VETERINARY

What is your diagnosis? Hypertrophy of the prostate and calcified prostatic cyst. Porter RS, et al. **J Am Vet Med Assoc** 1984 Oct 1;185(7):807–8

Experimental studies on cysts in the prolactin zone of the pituitary in the 9–spined stickleback, Pungitius pungitius L. Benjamin M. **J Comp Pathol** 1985 Jan;95(1):57–64

Congenital cystic disease of the liver in seven dogs. Van den Ingh TS, et al. **J Comp Pathol** 1985 Jul;95(3):405–14

Morphologic characteristics of the skin of bald mutant rats. Inazu M, et al. **Lab Anim Sci** 1984 Dec;34(6):584–7

CYSTS, HYDATID see ECHINOCOCCOSIS

CYTARABINE

The covalent linking of two nucleotide analogues to antibodies. Hurwitz E, et al. **J Med Chem** 1985 Jan; 28(1):137–40

ADMINISTRATION & DOSAGE

Intensive cytosine arabinoside therapy in small cell carcinoma of the lung. O'Donnell JF, et al. **Am J Clin Oncol** 1984 Oct;7(5):415–8

Low–dose arabinosyl cytosine in acute leukemia after a myelodysplastic syndrome and in elderly leukemia. Alessandrino EP, et al. **Am J Hematol** 1985 Oct;20(2):191–3

Low dose cytosine arabinoside in acute myeloid leukemia: remission is not due to differentiation induction. Pinkerton PH, et al. **Am J Hematol** 1985 Aug;19(4):415–7

High–dose cytosine arabinoside. Active agent in treatment of non–Hodgkin's lymphoma. Shipp MA, et al. **Am J Med** 1984 Nov;77(5):845–50

SQ chemotherapy at home. Holmes W. **Am J Nurs** 1985 Feb; 85(2):168–9

Low dose cytarabine in acute non–lymphoblastic leukemia or myelodysplastic syndrome: report of six cases and review of the literature. Vincent PC, et al. **Aust NZ J Med** 1985 Feb;15(1):10–5

Low–dose cytosine arabinoside regimen induced a complete remission with normal karyotypes in a case with hypoplastic acute myeloid leukaemia with No. 8–trisomy: in vitro and in vivo evidence for normal haematopoietic recovery. Tagawa M, et al. **Br J Haematol** 1985 Jul; 60(3):449–55

Low dose cytosine arabinoside (Ara C) in myelodysplastic syndromes. Tricot G, et al. **Br J Haematol** 1984 Oct; 58(2):231–40

Low dose cytosine arabinoside used to induce remission in acute myelofibrosis [letter] Whitehead S, et al. **Br J Haematol** 1984 Oct;58(2):375–6

High–dose cytosine arabinoside in previously treated patients with poor–prognosis non–Hodgkin's lymphoma. Adelstein DJ, et al. **Cancer** 1985 Oct 1;56(7):1493–6

Low–dose cytosine arabinoside in the myelodysplastic syndromes and acute myelogenous leukemia. Roberts JD, et al. **Cancer** 1985 Sep 1;56(5):1001–5

Low–dose cytosine arabinoside treatment for acute nonlymphocytic leukemia in elderly patients. Tilly H, et al. **Cancer** 1985 Apr 15;55(8):1633–6

Treatment of myeloblastic sarcoma in the sacral canal with high–dose cytosine arabinoside. Barnett M, et al. **Cancer Chemother Pharmacol** 1984;13(3):238–9

Continuous infusion of high–dose 1–beta–D–arabinofuranosylcytosine: a phase I and pharmacological study. Spriggs DR, et al. **Cancer Res** 1985 Aug;45(8):3932–6

Modulation of 1–beta–D–arabinofuranosylcytosine metabolism by thymidine in human acute leukemia. Zittoun R, et al. **Cancer Res** 1985 Oct;45(10):5186–92

How much is too much high–dose cytosine arabinoside? [editorial] Duffy TP. **J Clin Oncol** 1985 May;3(5):601–3

Treatment of preleukemic syndromes with continuous intravenous infusion of low–dose cytosine arabinoside. Griffin JD, et al. **J Clin Oncol** 1985 Jul;3(7):982–91

Combination intraperitoneal chemotherapy with cisplatin, cytarabine, and doxorubicin for refractory ovarian carcinoma and other malignancies principally confined to the peritoneal cavity. Markman M, et al. **J Clin Oncol** 1984 Dec;2(12):1321–6

Continuous infusion high–dose cytosine arabinoside in refractory childhood leukemia. Ochs J, et al. **J Clin Oncol** 1984 Oct;2(10):1092–7

Therapy of CNS leukemia with intraventricular chemotherapy and low–dose neuraxis radiotherapy. Steinherz P, et al. **J Clin Oncol** 1985 Sep;3(9):1217–26

Low–dose cytarabine: chromosomal findings suggesting its cytostatic as well as differentiating effect. Hossfeld DK, et al. **Leuk Res** 1985;9(2):329–30

High–dose 1–beta–D–arabinofuranosylcytosine in advanced breast cancer. Feldman LD, et al. **Oncology** 1985; 42(5):273–4

Microwave–stimulated drug release from liposomes. Liburdy RP, et al. **Radiat Res** 1985 Aug;103(2):266–75

ACTH 1–17 effect. in acute myeloid leukemia. Arcese W, et al. **Ric Clin Lab** 1984 Apr–Jun;14(2):199–203

Vitamin A and/or high–dose Ara–C in the maintenance of remission in acute myelogenous leukaemia in children? Lie SO, et al. **Scand J Haematol** 1984 Sep;33(3):256–9

Treatment of diffuse aggressive non–Hodgkin's lymphomas with an intensive multi–drug regimen including high–dose cytosine arabinoside (F–MACHOP). Amadori S, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):218–22

High–dose cytosine arabinoside in the initial treatment of acute leukemia. Barnett MJ, et al. **Semin Oncol** 1985 Jun; 12(2 Suppl 3):133–8

Sequential high–dose ara–C and asparaginase in the therapy of previously treated and untreated patients with acute leukemia. Capizzi RL, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):105–13 (45 ref.)

Dose–related pharmacologic effects of high–dose ara–C and its self–potentiation. Capizzi RL, et al. **Semin Oncol** 1985

Jun;12(2 Suppl 3):65-74 (63 ref.)

High-dose cytarabine in consolidation chemotherapy or with bone marrow transplantation for patients with acute leukemia: preliminary results. Champlin R, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):190-5

High-dose adriamycin combination chemotherapy for intermediate and high-grade non-Hodgkin's lymphomas. Dabich L, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):212-7

Treatment of leukemia with low-dose ara-C: a study of 160 cases. Degos L, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):196-9

Cytosine arabinoside in experimental combination therapy. Edelstein M, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):75-83 (38 ref.)

Sequential high-dose cytosine arabinoside and L-asparaginase in childhood leukemia in relapse. Ettinger LJ, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):155-9

Intensive timed chemotherapy for 51 acute myeloid leukemia patients with poor prognosis. Fiere D, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):130-2

High-dose cytosine arabinoside and daunomycin as primary therapy for adults with acute nonlymphoblastic leukemia: a pilot study. Forman SJ, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):114-6

Bone marrow transplantation for acute leukemia and lymphoma with high-dose cytosine arabinoside and total body irradiation. Herzig RH, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):184-6

High-dose cytosine arabinoside and mAMSA induction and consolidation in patients with previously untreated de novo acute nonlymphocytic leukemia: Phase I Pilot Study for the Eastern Cooperative Oncology Group. Hines JD, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):117-9

Low-dose cytosine arabinoside in the treatment of acute nonlymphoblastic leukemia and myelodysplastic syndromes. Hoelzer D, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):208-11

Continuous infusion of high-dose cytosine arabinoside for treatment of childhood acute leukemia and non-Hodgkin's lymphoma in relapse. Jones GR, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):150-4

High-dose cytosine arabinoside in the treatment of childhood malignancies. Lie SO, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):160-5

The intracavitary administration of cytarabine to patients with nonhematopoietic malignancies: pharmacologic rationale and results of clinical trials. Markman M. **Semin Oncol** 1985 Jun;12(2 Suppl 3):177-83 (39 ref.)

The combined use of cytosine arabinoside, cyclophosphamide, and total body irradiation as preparative regimen for bone marrow transplantation in patients with AML and CML. Messner HA, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):187-9

Phase I trials of high-dose cytosine arabinoside (HDara-C) and HDara-C plus cisplatin in patients with advanced malignancies. Muss HB, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):166-70

The use of high-dose cytosine arabinoside for non-Hodgkin's lymphoma. Richards MA, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):223-6

Cytarabine-cis-platin interactions in patients with advanced cancer. Schilsky RL, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):171-6

Modulation of cytosine arabinoside (ara-C) and high-dose ara-C in acute leukemia. Zittoun R, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):139-43

[Small doses of Ara-C in the treatment of acute myeloid leukaemia] Lin XH, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Jun;24(6):360-1, 383 (Eng. Abstr.) **(Chi)**

[High doses of cytosine arabinoside--a new use for an old drug] Klener P. **Cas Lek Cesk** 1984 Jul 20;123(29):907 **(Cze)**

[Low-dose cytosine arabinoside treatment in acute myeloid leukemia] Jensen MK, et al. **Ugeskr Laeger** 1984 Aug 27; 146(35):2613-5 (Eng. Abstr.) **(Dan)**

[Treatment of acute myeloid leukemia with amsacrine and high-dose cytosine arabinoside: a phase II trial] Marit G, et al. **Bull Cancer (Paris)** 1985;72(1):37-41 (Eng. Abstr.) **(Fre)**

[Cytosine-arabinoside in high doses in refractory acute granulocytic leukemia. Apropos of 17 cases] Jouet JP, et al. **Nouv Rev Fr Hematol** 1985;27(3):169-73 (Eng. Abstr.) **(Fre)**

[Low-dose cytosine arabinoside (ARA-C) in the treatment of acute myeloid leukemia] Beris P, et al. **Schweiz Med Wochenschr** 1984 Dec 1;114(48):1763-6 (Eng. Abstr.) **(Fre)**

[Complete remission obtained in refractory acute lymphocytic leukemia using high-dose cytosine arabinoside combined with low-dose L-asparaginase] Inagaki C, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):379-82 (Eng. Abstr.) **(Jpn)**

[Continuous venous infusion in cancer chemotherapy] Ota K. **Gan To Kagaku Ryoho** 1985 Apr;12(4):798-805 (Eng. Abstr.) **(Jpn)**

[High-dose treatment] Takaku F. **Gan To Kagaku Ryoho** 1985 Apr;12(4):830-8 (Eng. Abstr.) **(Jpn)**

[Small-dose cytarabine (Ara-C) in the treatment of myelodysplastic syndrome] Dan K, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1600-5 (Eng. Abstr.) **(Jpn)**

[A trial administration of small doses of Ara-C as a second step in remission induction in patients with acute non-lymphocytic leukemia] Nakayama S, et al. **Rinsho Ketsueki** 1985 Mar;26(3):423-8 (Eng. Abstr.) **(Jpn)**

[Low-dose cytosine arabinoside (Ara-C) continuous infusion regimen for atypical nonlymphocytic leukemia--clinical study of the remission mechanism by serial chromosomal findings, colony formation and plasma Ara-C concentration] Tagawa M, et al. **Rinsho Ketsueki** 1984 Oct; 25(10):1606-17 (Eng. Abstr.) **(Jpn)**

[High-dose cytosine arabinoside in acute leukemia: a cooperative study] Urabe A, et al. **Rinsho Ketsueki** 1985 Feb;26(2):184-8 (Eng. Abstr.) **(Jpn)**

[High-dose cytosine arabinoside therapy in refractory acute leukemia] Yorimitsu S, et al. **Rinsho Ketsueki** 1984 Dec; 25(12):1941-6 (Eng. Abstr.) **(Jpn)**

[Small doses of ARA-C in the treatment of myeloblastic leukemia and blast crisis of myelocytic leukemia] Górski J, et al. **Acta Haematol Pol** 1984 Jul-Dec;15(3-4):167-70 (Eng. Abstr.) **(Pol)**

[First experience with continuous infusions of cytosar using a Soviet-made portable dosage apparatus DF-1] Perilov AA, et al. **Ter Arkh** 1984;56(7):125-6 **(Rus)**

ADVERSE EFFECTS

Palmar-plantar erythrodysesthesia and cytarabine [letter] Baer MR, et al. **Ann Intern Med** 1985 Apr;102(4):556

Cytarabine-induced palmar-plantar erythema [letter] Walker IR, et al. **Arch Dermatol** 1985 Oct;121(10):1240-1

Hepatic dysfunction and jaundice following high-dose cytosine arabinoside. George CB, et al. **Cancer** 1984 Dec 1;54(11):2360-2

High-dose cytosine arabinoside-associated pancreatitis. Siemers RF, et al. **Cancer** 1985 Oct 15;56(8):1940-2

Clinical evidence of a cumulative effect of high-dose cytarabine on the cerebellum in patients with acute leukemia: a leukemia intergroup report [letter] Benger A, et al. **Cancer Treat Rep** 1985 Feb;69(2):240-1

Acute cerebellar toxicity after high-dose cytarabine associated with CNS accumulation of its metabolite, uracil arabinoside. Lopez JA, et al. **Cancer Treat Rep** 1984 Oct; 68(10):1309-10

Brachial plexus neuropathy following high-dose cytarabine in acute monoblastic leukemia. Scherokman B, et al. **Cancer Treat Rep** 1985 Sep;69(9):1005-6

Severe central nervous system toxicity from high-dose cytarabine: expressive aphasia occurring after the second day of treatment. Watson PR, et al. **Cancer Treat Rep** 1985 Mar;69(3):313-4

Neutrophilic eccrine hidradenitis: a distinctive rash associated with cytarabine therapy and acute leukemia. Flynn TC, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):584-90

Cerebellar toxicity following high-dose cytosine arabinoside. Dworkin LA, et al. **J Clin Oncol** 1985 May;3(5):613-6

Cytosine-arabinoside-induced colitis and peritonitis: nonoperative management. Johnson H, et al. **J Clin Oncol** 1985 May;3(5):607-12

Disturbance of blood-brain barrier after bone-marrow transplantation [letter] Sloane JP, et al. **Lancet** 1985 Aug 3;2(8449):280-1

Central nervous system toxicity with high-dose Ara-C. Hwang TL, et al. **Neurology** 1985 Oct;35(10):1475-9

Central nervous system toxicity of high-dose cytosine arabinoside. Barnett MJ, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):227-32

Central nervous system toxicity with high-dose cytosine arabinoside. Herzig RH, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):233-6

[Non-hematologic toxicity in high-dose cytarabine therapy] Kuse R, et al. **Onkologie** 1985 Feb;8(1):20-2 (Eng. Abstr.) **(Ger)**

[Are microwaves a co-teratogen? Experimental model concept and its verification] Marcickiewicz J, et al. **Probl Med Wieku Rozwoj** 1984;13:168-75 (Eng. Abstr.) **(Pol)**

ANALOGS & DERIVATIVES

Biotransformation and elimination of [2-14C]-1-(2-deoxy-2'-fluoro-beta-D-arabinofuranosyl)-5-iodocytosine in immunosuppressed patients with herpesvirus infections. Feinberg A, et al. **Antimicrob Agents Chemother** 1985 May;27(5):733-8

Treatment of primary acute genital herpes in guinea pigs by intraperitoneal administration of fluoropyrimidines. Mayo DR, et al. **Antimicrob Agents Chemother** 1984 Sep; 26(3):354-7

Cell-specific antiviral activity of 1-(2-fluoro-2-deoxy-beta-D-arabinofuranosyl)-5-iodocyt (FIAC) against Marek's disease herpesvirus and turkey herpesvirus. Schat KA, et al. **Antiviral Res** 1984 Oct; 4(5):259-70

Cyclocytidine-induced release of nerve growth factor from mouse submandibular glands enhances regeneration of sympathetic fibers in adult mice. Aloe L, et al. **Brain Res** 1985 Apr 22;332(2):259-65

Treatment of acute myelogenous leukemia in adults with N4-behenoyl-1-beta-D-arabinofuranosylcytosine. Kimura K, et al. **Cancer** 1985 Oct 15;56(8):1913-7

2'Fluoro-5-iodo-arabinosyl-cytosine: a new agent for herpes infections in the immunosuppressed patient. Donner AL, et al. **Drug Intell Clin Pharm** 1984 Nov;18(11):885-8

Cytokinetic study on the effects of N4-behenoyl-1-beta-D-arabinofuranosylcytosine on murine leukemic cells L 1210: a comparison with the effects of 1-beta-D-arabinofuranosylcytosine. Maruo N, et al. **Hematol Oncol** 1985 Jan-Mar;3(1):39-48

Synthesis and purification of the anti-viral agent 1-(2-deoxy-2-fluoro-beta-D-arabinofuranosyl)-5-iodocyt (FIAC) labeled with iodine-125. Perlman ME, et al. **Int J Nucl Med Biol** 1984;11(3-4):215-8

Evaluation of cyclocytidine in reinduction and maintenance therapy of children with acute nonlymphocytic leukemia previously treated with cytosine arabinoside: a report from Children's Cancer Study Group. Movassaghi N, et al. **Med Pediatr Oncol** 1984;12(5):352-6

Metabolic competition studies of 2'-fluoro-5-iodo-1-beta-d-arabinofuranosylcytosine in vero cells and herpes simplex type 1-infected vero cells. Chou TC, et al. **Mol Pharmacol** 1984 Nov;26(3):587-93

Phase I and early phase II study of PL-AC [N4-palmitoyl-(1-beta-D-arabinofuranosyl) cytosine] on hematopoietic malignancies. Takubo T, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Feb 20;19(1):1-7

Experimental study on antitumor activity and pharmacokinetics of cytosine arabinoside, cyclocytidine and BH-AC. Takenaka T, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):938-49

Developmental status of sympathetic innervation in relation to calcium accumulation by submandibular gland following reserpine, surgical sympathectomy or cyclocytidine. Schneyer CA, et al. **Proc Soc Exp Biol Med** 1985 Jun; 179(2):143-6

[Observation on the effect of cyclocytidine in herpes zoster of the eye] Ni RZ. **Chung Hua Yen Ko Tsa Chih** 1984 Jul; 20(4):211-3 **(Chi)**

ANALYSIS

Stability of cytarabine, methotrexate sodium, and hydrocortisone sodium succinate admixtures. Cheung YW, et al. **Am J Hosp Pharm** 1984 Sep;41(9):1802-6

Stability of cytarabine in a parenteral nutrient solution. Quock JR, et al. **Am J Hosp Pharm** 1985 Mar;42(3):592-4

Sensitive radioimmunoassay for cytarabine and uracil arabinoside in plasma. Sato T, et al. **Cancer Treat Rep** 1984 Nov;68(11):1357-66

Simultaneous determination of cytosine arabinoside, its nucleotides and metabolites by ion-pair high-performance liquid chromatography. Schilsky RL, et al. **J Chromatogr** 1985 Jan 11;337(1):63-71

BLOOD

A sensitive and specific radioimmunoassay for 1-beta-D-arabino-furanosylcytosine. Shimada N, et al. **Cancer Lett** 1984 Sep;24(2):173-8

Cytosine arabinoside transport and metabolism in acute leukemias and T cell lymphoblastic lymphoma. Wiley JS, et al. **J Clin Invest** 1985 Feb;75(2):632-42

In vivo studies on high-dose 1-beta-D-arabinofuranosylcytosine (HDara-C) and 1-beta-D-arabinofuranosyluracil (ara-U) with respect to pharmacokinetics, cell kinetics, and cytotoxicity in a rat myelocytic leukemia model (BNML). Colly LP, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):49-54

CEREBROSPINAL FLUID

Cerebrospinal fluid concentrations of cytosine arabinoside during intravenous therapy with intermediate dose: a preliminary report. van Prooijen HC, et al. **Br J Haematol** 1985 Jan;59(1):188-90

Central nervous system pharmacokinetics of high-dose cytosine arabinoside. Lopez JA, et al. **J Neurooncol** 1985; 3(2):119-24

METABOLISM

Involvement of tryptophan residues of lysozyme in its binding with cytosine arabinoside. Datta G, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3125-9

Ara-C incorporation into DNA [letter] Raza A, et al. **Blood** 1985 Jan;65(1):245-6

Potential for selective enhancement of the in vivo metabolism of 1-beta-D-arabinofuranosylcytosine in rats by thymidine pretreatment. Danhauser LL, et al. **Cancer Res** 1985 May; 45(5):2002-7

Direct relationship of marrow cell growth and 1-beta-D-arabinofuranosylcytosine metabolism. Karp JE, et al. **Cancer Res** 1984 Nov;44(11):5046-50

Pharmacokinetics of 1-beta-D-arabinofuranosylcytosine 5'-triphosphate in leukemic cells after intravenous and subcutaneous administration of 1-beta-D-arabinofuranosylcytosine. Liliemark JO, et al. **Cancer Res** 1985 May;45(5):2373-5

Inhibition of 1-beta-D-arabinofuranosylcytosine transport and net accumulation by teniposide and etoposide in Ehrlich ascites cells and human leukemic blasts. White JC, et al. **Cancer Res** 1985 Jul;45(7):3070-5

Deoxyguanosine enhancement of cytarabine nucleotide accumulation in human leukemia cells. Akman SA, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):851-7

Double labeling of human leukemic cells using 3H-cytarabine and monoclonal antibody against bromodeoxyuridine. Raza A, et al. **Cancer Treat Rep** 1985 Feb;69(2):195-8

Metabolism of cytosine arabinoside in Tetrahymena pyriformis. Benhura MA. **Comp Biochem Physiol [B]** 1985; 80(4):821-5

[(IgG)2 protein A]2 complex stimulates cytosine arabinoside incorporation into DNA and inhibits L cell proliferation. Shearer WT, et al. **Immunopharmacology** 1984 Oct; 8(2):103-10

The pharmacokinetics of subcutaneous bolus cytosine arabinoside in an arachis oil plus aluminium distearate suspension. Slevin ML, et al. **Invest New Drugs** 1984; 2(3):271-6

Cytosine arabinoside: molecular, pharmacokinetic and cytokinetic considerations. Pallavicini MG. **Pharmacol Ther** 1984;25(2):207-38 (169 ref.)

Metabolism and selectivity of arabinonucleoside in human lymphoid cells. Fridland A, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):456-62

Biochemical and cellular pharmacology of cytosine arabinoside. Kufe DW, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):34-48 (41 ref.)

Pharmacokinetics and cellular determinants of response to 1-beta-arabinofuranosylcytosine (ara-C). Riva CM, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):1-8

PHARMACODYNAMICS

The pharmacology of prodrugs of 5-fluorouracil and 1-beta-D-arabinofuranosylcytosine. Hadfield AF, et al. **Adv Pharmacol Chemother** 1984;20:21-67 (245 ref.)

Fluorouracil (5-FU) and cytarabine (ara-C) inhibition of corneal epithelial cell and conjunctival fibroblast proliferation. Mallick KS, et al. **Arch Ophthalmol** 1985 Sep; 103(9):1398-402

Comparison of the effectiveness of S phase inhibitors in altering gene expression. Detke S. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):812-6

Effect of 1-beta-D-arabinofuranosyl cytosine and hydroxyurea on the repair of X-ray-induced DNA single-strand breaks in human leukemic blasts. Fram RJ, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2557-60

Analysis of the drug synergism between thymidine and arabinosyl cytosine using mouse S49 T lymphoma mutants. Cohen A, et al. **Cancer Chemother Pharmacol** 1985; 14(1):70-3

Biology of cell killing by 1-beta-D-arabinofuranosylcytosine and its relevance to molecular mechanisms of cytotoxicity. Crowther PJ, et al. **Cancer Res** 1985 Sep;45(9):4291-300

Metabolism and selective cytotoxicity of 9-beta-D-arabinofuranosylguanine in human lymphoblasts. Shewach DS, et al. **Cancer Res** 1985 Mar;45(3):1008-14

S1-phase cells of the leukemic cell cycle sensitive to 1-beta-D-arabinofuranosylcytosine at a high-dose level. Smets LA, et al. **Cancer Res** 1985 Jul;45(7):3113-7

Effect of the interval between exposures to cytarabine on its cytotoxic action on HL-60 myeloid leukemic cells. Leclerc JM, et al. **Cancer Treat Rep** 1984 Sep;68(9):1143-8

A requirement for DNA synthesis in foetal hepatocyte differentiation. Effect of cytosine arabinoside on the appearance of the liver isoenzyme of pyruvate kinase. Scott R, et al. **Differentiation** 1984;28(1):49-52

DNA hypermethylation and changes in gene expression may be related to the chemotherapeutic action of cytarabin [letter] Boehm TL, et al. **Eur J Cancer Clin Oncol** 1984 Dec;20(12):1561-3

Establishment of human KB cells resistant to 1-beta-D-arabinofuranosylcytosine, and mechanisms of cellular resistance in isolated clones. Tsuruo T, et al. **Gann** 1984 Aug;75(8):690-8

Increase of natural killer (NK) activity of mouse lymphocytes following in vitro treatment with cytosine-arabinoside. Migliorati G, et al. **Int J Immunopharmacol** 1984; 6(5):433-43

Modifications of CFU-S differentiation pathways by pluripoietins: influence of treatment protocols. Lauret E, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):277-84

Biological activity of cadeguomycin. Inhibition of tumor growth and metastasis, immunostimulation, and potentiation of 1-beta-D-arabinofuranosylcytosine. Yuan BD, et al. **J Antibiot (Tokyo)** 1985 May;38(5):642-8

Modulation of HLA-DR antigens expression in human myeloid leukaemia cells by cytarabine and 5-aza-2'-deoxycytidine [letter] Pinto A, et al. **Lancet** 1984 Oct 13;2(8407):867-8

Enhanced tumor load reduction after chemotherapy induced recruitment and synchronization in a slowly growing rat leukemia model (BNML) for human acute myelocytic leukemia. Colly LP, et al. **Leuk Res** 1984;8(6):953-63

Cell kinetic studies after high dose Ara-C and adriamycin treatment in a slowly growing rat leukemia model (BNML) for human acute myelocytic leukemia. Colly LP, et al. **Leuk Res** 1984;8(6):945-52

Effects of 1-beta-D-arabinofuranosylcytosine and phorbol ester on differentiation of human K562 erythroleukemia cells. Watanabe T, et al. **Mol Pharmacol** 1985 Jun; 27(6):683-8

Experimental study on antitumor activity and pharmacokinetics of cytosine arabinoside, cyclocytidine and BH-AC. Takenaka T, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):938-49

Comparative studies of repair using inhibitors. Johnson RT, et al. **Nucleic Acids Symp Ser** 1984;(13):255-77

Cytotoxic action of low dose Ara-C. Investigations in a marrow grafted patient with relapse. Mittermüller J, et al. **Onkologie** 1985 Jun;8(3):168-71

Drug association including ara-C in myeloid leukemia cell differentiation: in vitro studies. Chomienne C, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):60-4

[The effect of Alexan on the number of plaque-forming cells collected from the spleen of C3H mice with Gardner's lymphosarcoma or infected with LDH viruses] Motyčka K, et al. **Sb Lek** 1984 Sep;86(8-9):251-8 (Eng. Abstr.) **(Cze)**

[Effect of cytosine arabinoside on the cell cycle and level of radiation-induced chromosome anomalies in lymphocytes of mammals] Deknudt G, et al. **C R Soc Biol (Paris)** 1985;179(2):243-6 (Eng. Abstr.) **(Fre)**

[In vitro activity of several cytostatic drugs against aerobic and anaerobic intestinal bacteria] Vetere A, et al. **Boll Ist Sieroter Milan** 1984;63(6):505-9 (Eng. Abstr.) **(Ita)**

PHYSIOLOGY

Evidence against neurotransmitter mediation of sprouting in granuloprival cerebellar cultures. Seil FJ, et al. **Exp Neurol** 1985 Feb;87(2):270-7

THERAPEUTIC USE

A therapeutic trial with low-dose cytarabine in myelodysplastic syndromes and acute leukemia. Inbal A, et al. **Acta Haematol (Basel)** 1985;73(2):71-4

Treatment of C3H mice bearing solid Gardner lymphosarcoma with vaccine prepared from Corynebacterium parvum combined with methotrexate and Alexan. Motyčka K, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(4):413-9

Clinical pharmacology of low-dose cytosine arabinoside. Spriggs D, et al. **Blood** 1985 May;65(5):1087-9

Two-cycle timed-sequential chemotherapy for adult acute nonlymphocytic leukemia. Vaughan WP, et al. **Blood** 1984 Nov;64(5):975-80

High-dose cytosine arabinoside and daunorubicin as consolidation therapy for acute nonlymphocytic leukemia in first remission: a pilot study. Wolff SN, et al. **Blood** 1985 Jun;65(6):1407-11

Treatment of CML blast crisis with low dose ARA-C [letter] di Raimondo F, et al. **Br J Haematol** 1985 Aug;60(4):773-4

Low-dose ARA-C fails to enhance differentiation of leukaemic cells. Perri RT, et al. **Br J Haematol** 1985 Apr; 59(4):697-701

Prediction of response of acute non-lymphocytic leukaemia to therapy with 'high dose' cytosine arabinoside [letter] Peters WG, et al. **Br J Haematol** 1985 Apr;59(4):733-4

Effect of cytosine arabinofuranoside (AraC) on reactive gliosis in vivo. An immunohistochemical and morphometric study. Politis MJ, et al. **Brain Res** 1985 Mar 4;328(2):291-300

Low-dose cytosine arabinoside (Ara-C) therapy in the myelodysplastic syndromes and acute leukemia. Winter JN, et al. **Cancer** 1985 Aug 1;56(3):443-9

Adriamycin and cytosine arabinoside contribute equally to prediction of response in acute myelocytic leukemia with improved confidence level. Lihou MG, et al. **Cancer Chemother Pharmacol** 1985;14(2):116-9

Antileukemic activity of 5-aza-2'-deoxycytidine and cytarabine against intracerebral L1210 murine leukemia. Chabot GG, et al. **Cancer Treat Rep** 1984 Dec; 68(12):1483-7

High-dose cytarabine for the treatment of blastic phase chronic myelogenous leukemia. Herzig RH, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):881-3

Changes in the characteristics of the bone marrow during therapy for acute non-lymphocytic leukemia: relationship to response to remission induction therapy. Preisler HD, et al. **Eur J Cancer Clin Oncol** 1985 May;21(5):563-71

Enhancement of axonal growth into a spinal lesion by topical application of triethanolamine and cytosine arabinoside. Guth L, et al. **Exp Neurol** 1985 Apr;88(1):44-55

Treatment of acute myeloid leukemia and myelodysplastic syndrome by low dose arabinosyl cytosine. Baccarani M, et al. **Haematologica (Pavia)** 1985 Mar-Apr;70(2):160-5

VM-26 and cytarabine combination chemotherapy in refractory or relapsed adult acute lymphoblastic leukemia. Carella AM, et al. **Haematologica (Pavia)** 1984 Nov-Dec; 69(6):747-51

The feasibility of opal/high dose Ara-C treatment of adult acute lymphoblastic leukaemia. Barnett MJ, et al. **Hamatol Bluttransfus** 1985;29:53-5

Treatment of leukemia with low dose Ara-C: a study of 159 cases. Castaigne S, et al. **Hamatol Bluttransfus** 1985;29:56-9

Treatment of acute myeloid leukemia and myelodysplastic syndrome by low dose cytosine arabinoside. Weh HJ, et al. **Hamatol Bluttransfus** 1985;29:60-2

Treatment of intravenously implanted Lewis lung carcinoma with liposome-encapsulated cytosine arabinoside and non-specific immunotherapy. Patel KR, et al. **Int J Cancer** 1984 Sep 15;34(3):415-20

Mouse Lewis lung carcinoma and hepatoma ascites treatment by combination of liposome chemotherapy and non-specific immunotherapy. Patel KR, et al. **Int J Cancer** 1984 Nov 15;34(5):717-23

Effect of uracil arabinoside on metabolism and cytotoxicity of cytosine arabinoside in L5178Y murine leukemia. Yang JL, et al. **J Clin Invest** 1985 Jan;75(1):141-6

Cell differentiation and therapeutic effect of low doses of cytosine arabinoside in human myeloid leukemia. Michalewicz R, et al. **Leuk Res** 1984;8(5):783-90

Comparison of the antileukemic activity of 5-AZA-2'-deoxycytidine, 1-beta-D-arabinofuranosylcytosine and 5-azacytidine against L1210 leukemia. Momparler RL, et al. **Leuk Res** 1984;8(6):1043-9

Low-dose cytarabine in acute myeloid leukaemia. Manoharan A, et al. **Med J Aust** 1984 Nov 10;141(10):643-6

Evaluation of cyclocytidine in reinduction and maintenance therapy of children with acute nonlymphocytic leukemia previously treated with cytosine arabinoside: a report from Children's Cancer Study Group. Movassaghi N, et al. **Med Pediatr Oncol** 1984;12(5):352-6

Treatment of refractory leukemia with high-dose cytosine arabinoside. Klener P, et al. **Neoplasma** 1985;32(1):113-7

Low dose cytosine arabinoside in the treatment of acute non-lymphocytic leukaemia. Jensen MK, et al. **Scand J Haematol** 1985 Mar;34(3):261-3

Increased tumor growth and drug uptake predicts for response to continuous infusion high-dose cytarabine. Burke PJ, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):55-9

Studies on the cytotoxicity of cytosine arabinoside. Haanen C, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):120-9 (37 ref.)

Evolution of clinical studies with high-dose cytosine arabinoside at the M.D. Anderson Hospital. Keating MJ, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):98-104

Cellular and clinical pharmacology of low-dose ara-C. Kufe DW, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):200-7 (33 ref.)

Intensive postremission therapy in adults with acute nonlymphocytic leukemia with ara-C by continuous infusion or bolus administration: preliminary results of a CALGB phase I study. Mayer RJ, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):84-90

Drug sensitivity test for patients with acute leukemia on high-dose ara-C therapy. Momparler RL, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):31-3

Pharmacologically directed ara-C therapy for refractory leukemia. Plunkett W, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):20-30

The treatment of patients with acute nonlymphocytic leukemia in remission. Preisler HD, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):91-7

In vitro and in vivo assessment of sensitivity to ara-C in myeloid leukemias. Raza A, et al. **Semin Oncol** 1985 Jun; 12(2 Suppl 3):9-19

High-dose cytosine arabinoside in the treatment of resistant acute leukemia. Takaku F, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):144-9

Treatment of acute myelogenous leukemia in aged patients with low-dose Ara-C (arabinosyl cytosine). Lin SF, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Nov;83(11):1151-7

[Treatment of acute myeloblastic leukemia in elderly patients with low-dose cytosine arabinoside] Tilly H, et al. **Presse Med** 1985 Apr 13;14(15):827-31 (Eng. Abstr.) **(Fre)**

[Low-dose cytosine arabinoside in the treatment of myeloblastic leukemia] Beris P, et al. **Schweiz Rundsch Med Prax** 1984 Sep 25;73(39):1167-8 **(Fre)**

[High-dose cytosine arabinoside in the treatment of recurrent or acute refractory myeloid leukemias] Brudler O, et al. **Onkologie** 1985 Feb;8(1):39-40, 42-3 (Eng. Abstr.) **(Ger)**

[Results of high-dose cytarabine therapy. A review] Gassmann W, et al. **Onkologie** 1985 Feb;8(1):8-15 (Eng. Abstr.) **(Ger)**

[Experiences with HD-Ara C treatment in leukemia patients] Jehn U. **Onkologie** 1985 Feb;8(1):37-8 (Eng. Abstr.) **(Ger)**

[High-dose cytarabine treatment: a promising therapy modality in acute resistant myeloid leukemias in recurrence] Meusers P, et al. **Onkologie** 1985 Feb;8(1):16, 18-9 (Eng. Abstr.) **(Ger)**

[High-dose cytarabine treatment in acute leukemias and leukemic meningiosis: clinical aspects and pharmacokinetics] Nowrousian MR, et al. **Onkologie** 1985 Feb;8(1):26-32 (Eng. Abstr.) **(Ger)**

[Results of therapy with high-dose cytosine arabinoside] Pralle H, et al. **Onkologie** 1985 Feb;8(1):48, 50-2 (Eng. Abstr.) **(Ger)**

[Principles of high-dose cytarabinoside treatment] Seeber S. **Onkologie** 1985 Feb;8(1):4-7 (Eng. Abstr.) **(Ger)**

[High-dose cytosine arabinoside] Seeber S. **Onkologie** 1985 Feb;8(1):57-8 **(Ger)**

[Use of cytosar (cytosine arabinoside) in the control of herpetic complications in patients with acute leukemia and lymphogranulomatosis] Berliner GB, et al. **Ter Arkh** 1985; 57(5):105-7 (Eng. Abstr.) **(Rus)**

[Induction of cellular differentiation in the treatment of acute leukemias: preliminary report of the use of low doses of cytosine arabinoside for the induction of remission] Marín-López A, et al. **Rev Invest Clin** 1984 Jul-Sep; 36(3):247-51 (Eng. Abstr.) **(Spa)**

[VM-26 and cytosine arabinoside in the treatment of acute refractory lymphoblastic leukemia in adults] Marín P, et al. **Sangre (Barc)** 1984;29(4-A):399-404 (Eng. Abstr.) **(Spa)**

[Induction of remission by sequential treatment with cytosine arabinoside (araC/high dose) and L-asparaginase]

Martín-Aragonés G, et al. **Sangre (Barc)** 1985;30(1):15–21 (Eng. Abstr.) **(Spa)**

[Treatment of acute refractory lymphoblastic leukemia in the adult with VM-26 and ARA-C (letter)] Rafecas FJ, et al. **Sangre (Barc)** 1984;29(6):1052–3 **(Spa)**

TOXICITY

Neuroanatomical study of somatomotor cortex in microcephalic mice induced by cytosine arabinoside. Ohno M. **Brain Dev** 1984;6(6):528–38

Isolation and characterization of a deoxycytidine kinase-deficient human promyelocytic leukemic cell line highly resistant to 1-beta-D- arabinofuranosylcytosine. Bhalla K, et al. **Cancer Res** 1984 Nov;44(11):5029–37

Enhancement of the DNA breakage and cytotoxic effects of intercalating agents by treatment with sublethal doses of 1-beta-D-arabinofuranosylcytosine or hydroxyurea in L1210 cells. Minford J, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5583–93

Pharmacology and toxicology of a seven-day infusion of 1-beta-D-arabinofuranosylcytosine plus uridine in dogs. Perlow L, et al. **Cancer Res** 1985 Jun;45(6):2572–7

Adenosine diphosphate ribosyl transferase in marrow cells of patients with acute myeloid leukemia is related to differentiation and drug sensitivity. Pero RW, et al. **Carcinogenesis** 1985 Jul;6(7):1055–8

Different sensitivities of granulocyte-macrophage and erythroid progenitor cells of normal human bone marrow to S-phase-specific agents. Kubota K, et al. **Cell Tissue Kinet** 1984 Nov;17(6):601–7

New ara-C resistant mutants of the Chinese hamster ovary cells. Mishra NC, et al. **Genet Res** 1985 Jun;45(3):265–77

A neurochemical study of experimental microencephalic rat. Matsutani T. **J Toxicol Sci** 1984 Aug;9(3):205–18

Cytosine arabinoside is a potent clastogen and does not affect the repair of X-ray-induced chromosome fragments in unstimulated human lymphocytes. Pantelias GE, et al. **Mutat Res** 1985 Aug;151(1):65–72

Possible correlations between cell killing, chromosome damage and DNA repair after X-irradiation. Bryant PE, et al. **Nucleic Acids Symp Ser** 1984;(13):291–308

Approaches to the quantitative analysis of repair through the use of inhibitors. Downes CS. **Nucleic Acids Symp Ser** 1984;(13):231–54

The effect of inhibitors of DNA synthesis on DNA repair. Fram RJ, et al. **Nucleic Acids Symp Ser** 1984;(13):95–107

Effects of inhibitors on repair DNA synthesis in in vitro systems. Hanaoka F, et al. **Nucleic Acids Symp Ser** 1984;(13):73–94

The accumulation of DNA breaks due to incision; comparative studies with various inhibitors. Snyder RD, et al. **Nucleic Acids Symp Ser** 1984;(13):13–33

[Co-teratogenic effect of microwave radiation] Marcickiewicz J, et al. **Ginekol Pol** 1984 Apr;55(4):233–42 (Eng. Abstr.) **(Pol)**

[Ribamidyl (ribavirin) as a modulator of the biological action of arabinosylcytosine and methotrexate] Lobova TG, et al. **Eksp Onkol** 1985;7(3):63–5 (Eng. Abstr.) **(Rus)**

CYTIDINE

Buffer catalysis of amino proton exchange in compounds of adenosine, cytidine and their endocyclic N-methylated derivatives. McConnell B, et al. **Biophys Chem** 1984 Aug;20(1–2):135–48

ADMINISTRATION & DOSAGE

[Nutritive value of dietary ribonucleic acid and its nucleosides in growing rats on a diet deficient in nonessential amino acid nitrogen. 4. Effect of the pyrimidine nucleosides cytidine and uridine on the composition of the body mass and on nitrogen metabolism] Greife HA, et al. **Zentralbl Veterinarmed [A]** 1984 Sep;31(8):634–44 (Eng. Abstr.) **(Ger)**

ANALOGS & DERIVATIVES

Cyclopentenyl cytidine analogue. An inhibitor of cytidine triphosphate synthesis in human colon carcinoma cells. Glazer RI, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2535–9

Specific incorporation of 5-fluorocytidine into Escherichia coli RNA. Kaiser II, et al. **Biochim Biophys Acta** 1985 May 24;825(1):12–20

Buffer catalysis of amino proton exchange in compounds of adenosine, cytidine and their endocyclic N-methylated derivatives. McConnell B, et al. **Biophys Chem** 1984 Aug;20(1–2):135–48

Azidocytidine is a specific inhibitor of deoxyribonucleotide synthesis in 3T6 cells. Akerblom L, et al. **J Biol Chem** 1985 Aug 5;260(16):9197–202

Cyclopentenyluridine and cyclopentenylcytidine analogues as inhibitors of uridine-cytidine kinase. Lim MI, et al. **J Med Chem** 1984 Dec;27(12):1536–8

A possible model for the methylation of deoxycytidine in DNA. Hawtrey AO, et al. **Med Hypotheses** 1984 Oct;15(2):125–34

[Conformation of dinucleoside phosphates: the conformation encoding hypothesis] Pokrovskaia MIu, et al. **Mol Biol (Mosk)** 1985 Jan–Feb;19(1):98–109 (Eng. Abstr.) **(Rus)**

METABOLISM

Utilization of labelled uridine, cytidine and orotic acid for determination of ribonucleic acid synthesis in mouse liver. Lewan L, et al. **Comp Biochem Physiol [B]** 1985;81(2):499–502

Competition between the hydrolysis and deamination of cytidine and its 5-substituted derivatives in aqueous acid. Lönnberg H, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2451–6

PHARMACODYNAMICS

On the mechanism of deoxyribonucleoside toxicity in human T-lymphoblastoid cells. Reversal of growth inhibition by addition of cytidine. Dahbo Y, et al. **Eur J Biochem** 1985 Aug 1;150(3):429–34

Uridine, but not cytidine can sustain growth of Ehrlich ascites tumor cells in glucose-deprived medium with altered proliferation kinetics. Linker W, et al. **Eur J Cell Biol** 1985 Mar;36(2):176–81

Effect of adenine, cytidine and guanosine on the expression of the SOS system in Escherichia coli. Llagostera M, et al. **J Gen Microbiol** 1985 Jan;131 (Pt 1):113–8

CYTIDINE CYCLIC MONOPHOSPHATE see under **CYTOSINE NUCLEOTIDES**

CYTIDINE DEAMINASE see under **NUCLEOSIDE DEAMINASES**

CYTIDINE DIPHOSPHATE see under **CYTOSINE NUCLEOTIDES**

CYTIDINE DIPHOSPHATE CHOLINE see under **CHOLINE**

CYTIDINE DIPHOSPHATE DIGLYCERIDES see under **NUCLEOSIDE DIPHOSPHATE SUGARS**

CYTIDINE MONOPHOSPHATE see under **CYTOSINE NUCLEOTIDES**

CYTIDINE MONOPHOSPHATE N-ACETYLNEURAMINIC ACID see under **SIALIC ACIDS**

CYTIDINE PHOSPHATES see **CYTOSINE NUCLEOTIDES**

CYTIDINE TRIPHOSPHATE see under **CYTOSINE NUCLEOTIDES**

CYTOCHALASIN B

ANALOGS & DERIVATIVES

Effect of cytochalasin B and dihydrocytochalasin B on invasiveness of entero-invasive bacteria in HEp-2 cell cultures. Bukholm G. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Jun;92(3):145–9

Membrane-cytoskeleton interactions and the regulation of chemotactic peptide-induced activation of human granulocytes: the effects of dihydrocytochalasin B. Jesaitis AJ, et al. **J Cell Biochem** 1985;27(3):241–53

The role of cell proliferation and cellular shape change in branching morphogenesis of the embryonic mouse lung: analysis using aphidicolin and cytochalasins. Goldin GV, et al. **J Exp Zool** 1984 Nov;232(2):287–96

BLOOD

Accessibility of sulfhydryl residues induced by cytochalasin B binding and conformational dynamics in the human erythrocyte glucose transporter. Pinkofsky HB, et al. **Arch Biochem Biophys** 1985 Jul;240(1):94–101

METABOLISM

Proteolytic cleavages of cytochalasin B binding components of band 4.5 proteins of the human red blood cell membrane. Deziel MR, et al. **Biochim Biophys Acta** 1984 Sep 19;776(1):10–20

Characterization and solubilization of the cytochalasin B binding component from human placental microsomes. Wessling M, et al. **Biochim Biophys Acta** 1984 Oct 17;777(1):123–32

A D-glucose-sensitive cytochalasin B binding component of cerebral microvessels. Baldwin SA, et al. **J Neurochem** 1985 Aug;45(2):650–2

PHARMACODYNAMICS

Effect of cytochalasin B and dihydrocytochalasin B on invasiveness of entero-invasive bacteria in HEp-2 cell cultures. Bukholm G. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Jun;92(3):145–9

Cytochalasin delays but does not prevent cell death from anoxia. Okayasu T, et al. **Am J Pathol** 1984 Nov;117(2):163–6

Effects of cytochalasin B on Na+ content and cell volume of Entamoeba histolytica. Bakker-Grunwald T, et al. **Biochim Biophys Acta** 1985 May 14;815(2):170–4

The influence of adenosine triphosphate, adenosine diphosphate and cytochalasin B on nucleotide exchange of F-actin. Evidence that treadmilling is not involved. Dancker P, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):6–11

Growth of several strains of Chlamydia psittaci in Vero and McCoy cells in the presence of cytochalasin and cortisone. Tessler J. **Can J Comp Med** 1984 Jul;48(3):290–3

Effects of calmodulin antagonists and cytochalasins on proliferation and differentiation of human promyelocytic leukemia cell line HL-60. Matsui T, et al. **Cancer Res** 1985 Jan;45(1):311–6

The survival of cytochalasin-induced multinucleation following irradiation of Chinese hamster ovary cells. Court JB, et al. **Cell Biol Int Rep** 1985 Mar;9(3):219–27

Removal of large lipid droplets from cytochalasin B-treated chondrocytes by high speed centrifugation. Moskalewski S. **Cell Biol Int Rep** 1985 Jul;9(7):613–8

Effect of concanavalin A and vegetalizing factor on the outer and inner ectoderm layers of early gastrulae of Xenopus laevis after treatment with cytochalasin B. Grunz H. **Cell Differ** 1985 Apr;16(2):83–92

Regulation of stage-specific gene expression during early mouse development: effect of cytochalasin B and aphidicolin on stage-specific protein synthesis in mouse eggs. Petzoldt U. **Cell Differ** 1984 Dec;15(2–4):163–7

Cytoskeleton and differentiation: effects of cytochalasin B and colchicine on expression of the differentiated phenotype of rabbit costal chondrocytes in culture. Takigawa M, et al. **Cell Differ** 1984 Aug;14(3):197–204

Reevaluation of the effects of cytochalasins on steroidogenesis: studies on hamster granulosa cells. Silavin SL, et al. **Endocrinology** 1984 Oct;115(4):1511–6

Modulation of the digestive lysosomal system in Paramecium caudatum. III. Morphological effects of cytochalasin B. Allen RD, et al. **Eur J Cell Biol** 1985 May;37:35–43

Modulation of the digestive lysosomal system in Paramecium caudatum. II. Physiological effects of cytochalasin B, colchicine and trifluoperazine. Fok AK, et al. **Eur J Cell Biol** 1985 May;37:27–34

Effects of liposome treatment and cytoskeleton-inhibiting drugs on the capping kinetics of rabbit T lymphocytes at various stages of differentiation. Roozemond RC, et al. **Eur J Cell Biol** 1984 Nov;35(2):322–6

Influence of colchicine and cytochalasin B on pinocytosis, phagocytosis, and antibody-dependent cell-mediated cytotoxicity. Piasek A, et al. **Hamatol Bluttransfus** 1985;29:511–3

Site-specific maturation of enveloped viruses in L cells treated with cytochalasin B. Brown JC, et al. **J Cell Biol** 1985 Feb;100(2):357–63

Growth of neurites without filopodial or lamellipodial activity in the presence of cytochalasin B. Marsh L, et al. **J Cell Biol** 1984 Dec;99(6):2041–7

Intramammary infusions of cytochalasin B and dimethyl sulfoxide do not suppress milk secretion in the goat. Patton S, et al. **J Dairy Sci** 1984 Dec;67(12):3057–60

Effects of cytochalasin B on the formation of previllous ridges and the appearance of long microvillous-like processes in the organ culture system of chick embryonic intestine. Noda S. **J Embryol Exp Morphol** 1985 Feb;85:47–64

The role of cell proliferation and cellular shape change in branching morphogenesis of the embryonic mouse lung: analysis using aphidicolin and cytochalasins. Goldin GV, et al. **J Exp Zool** 1984 Nov;232(2):287–96

Inhibition of herpes simplex virus type 1 penetration by cytochalasins B and D. Rosenthal KS, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1601–5

Anti-immunoglobulin in combination with cytochalasin stimulates proliferation of murine B lymphocytes. Rothstein TL. **J Immunol** 1985 Jul;135(1):106–10

Properties of the zona pellucida of cytochalasin B-induced triploid mouse eggs. Niemierko A. **J Reprod Fertil** 1985 Mar;73(2):313–6

Effect of metabolic inhibitors on the ability of human T lymphocytes to form active T rosettes. Ohkubo K, et al. **Sangyo Ika Daigaku Zasshi** 1984 Sep 1;6(3):243–8

[The role of the cytoskeleton in lymphocyte stimulation] Hückel C, et al. **Allerg Immunol (Leipz)** 1985;31(2):83–90 (Eng. Abstr.) **(Ger)**

[Surface properties of L cells studied by countercurrent distribution in a 2-phase polymer system before and after cyochalasin B and colcemid exposure] Petrov IuP, et al. **Tsitologiia** 1985 Apr;27(4):415–21 (Eng. Abstr.) **(Rus)**

CYTOCHALASINS

METABOLISM

The binding of cytochalasin D to monomeric actin. Goddette DW, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1087–92

Comparative effects of cytochalasin D on the protein discharge induced by alpha- and beta-adrenergic or cholinergic agonists in rat exorbital lacrimal glands. Muller P, et al. **Biochim Biophys Acta** 1985 Feb 21;844(2):158–66

PHARMACODYNAMICS

The role of microfilaments in the healing of the corneal endothelium. Olsen EG, et al. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):104–8

Effect of cytochalasins on surfactant release from alveolar type II cells. Rice WR, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):12-8

Cytochalasin D suppresses beta-adrenergic induced protein discharge without inhibiting membrane fusion. Busson-Mabillot S, et al. **Biol Cell** 1985;53(2):195-8

Effects of calmodulin antagonists and cytochalasins on proliferation and differentiation of human promyelocytic leukemia cell line HL-60. Matsui T, et al. **Cancer Res** 1985 Jan;45(1):311-6

Cytochalasin D-induced increase in actin synthesis and content in a variety of cell types. Brett JG, et al. **Cell Biol Int Rep** 1985 Aug;9(8):723-30

Increased actin content in cytochalasin D-treated cells is not caused by a selective decrease in actin degradation. Tannenbaum J. **Cell Biol Int Rep** 1985 Jul;9(7):587

Cytochalasin D inhibits the progression from the Go to S phase at the mid-prereplicative stage in GC-7 cells stimulated with serum. Ohta T, et al. **Cell Struct Funct** 1985 Mar;10(1):37-46

Reevaluation of the effects of cytochalasins on steroidogenesis: studies on hamster granulosa cells. Silavin SL, et al. **Endocrinology** 1984 Oct;115(4):1511-6

Effects of liposome treatment and cytoskeleton-inhibiting drugs on the capping kinetics of rabbit T lymphocytes at various stages of differentiation. Roozemond RC, et al. **Eur J Cell Biol** 1984 Nov;35(2):322-6

Entamoeba histolytica: impedance measurements and cytotoxicity in the presence of bepridil, verapamil, and cytochalasin D. Ravdin JI, et al. **Exp Parasitol** 1985 Aug;60(1):63-72

Capping one end of an actin filament affects elongation at the other end. Maruyama K, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):613-20

Effects of KCl, MgCl2, and CaCl2 concentrations on the monomer-polymer equilibrium of actin in the presence and absence of cytochalasin D. Maruyama K, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):605-11

Cytochalasin treatment disrupts the endogenous currents associated with cell polarization in fucoid zygotes: studies of the role of F-actin in embryogenesis. Brawley SH, et al. **J Cell Biol** 1985 Apr;100(4):1173-84

Effect of microtubule-destroying drugs on the spreading and shape of cultured epithelial cells. Domnina LV, et al. **J Cell Sci** 1985 Mar;74:267-82

Inhibition of herpes simplex virus type 1 penetration by cytochalasins B and D. Rosenthal KS, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1601-5

Effects of cytochalasins on lymphocytes: some distinctive features of cytochalasin-E. Mookerjee BK, et al. **J Immunopharmacol** 1984;6(3):185-203

Peritoneal permeability in the rat: modulation by microfilament-active agents. Alavi N, et al. **Kidney Int** 1985 Feb;27(2):411-9

Enhancement of tissue expansion by anticontractile agents. Lee P, et al. **Plast Reconstr Surg** 1985 Oct;76(4):604-10

Ultrastructural changes in mouse dermal capillaries induced by cytochalasin E. Sriurairatana S, et al. **Res Commun Chem Pathol Pharmacol** 1984 Sep;45(3):379-87

Effects of cytochalasin H on chick embryo explants cultured in vitro. Ghaskadbi S, et al. **Toxicology** 1984 Dec;33(3-4):323-30

THERAPEUTIC USE

Acceleration of peritoneal solute transport by cytochalasin D. Hirszel P, et al. **Uremia Invest** 1984-85;8(2):85-8

CYTOCHEMISTRY see **HISTOCYTOCHEMISTRY**

CYTOCHROME AA3 see **CYTOCHROME OXIDASE**

CYTOCHROME B

Reconstitution of cytochrome b5 into lipid vesicles in a form which is nonsusceptible to attack by carboxypeptidase Y. Christiansen K, et al. **Biochim Biophys Acta** 1985 May 14;815(2):215-22

Neutron scattering shows that cytochrome b5 penetrates deeply into the lipid bilayer. Gogol EP, et al. **Biophys J** 1984 Oct;46(4):491-5

Kinetic studies on reduction of cytochromes P-450 and b5 by dithionite. Davydov DR, et al. **Eur J Biochem** 1985 Jul 1;150(1):155-9

Effects of bc1-site electron transfer inhibitors on the absorption spectra of mitochondrial cytochromes b. Kamensky Y, et al. **FEBS Lett** 1985 Feb 11;181(1):95-9

Distribution of cytochrome b5 between sonicated phospholipid vesicles of different size. Greenhut SF, et al. **J Biol Chem** 1985 May 25;260(10):5883-6

ANALYSIS

Energy-transfer study of cytochrome b5 using the anthroyloxy fatty acid membrane probes. Kleinfeld AM, et al. **Biochemistry** 1985 Apr 9;24(8):1883-90

Topographical studies of the polypeptide subunits of the thylakoid cytochrome b6-f complex. Ortiz W, et al. **Biochim Biophys Acta** 1985 Jun 26;808(1):164-70

Novel opioid peptides derived from mitochondrial cytochrome b: cytochrophins. Brantl V, et al. **Eur J Pharmacol** 1985 May 8;111(2):293-4

Spectroscopic interference of hemoglobin with neutrophil cytochrome b-245 and its elimination by carbon monoxide. Pasquier C, et al. **J Immunol Methods** 1985 Feb 28;77(1):147-53

[Fluorescence of hemoproteins in reversed micelles of surfactants in octanes] Eremin AN, et al. **Biokhimiia** 1984 Dec;49(12):1947-54 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Cytochrome b, the var 1 protein, and subunits I and III of cytochrome c oxidase are synthesized without transient presequences in Saccharomyces cerevisiae. Mannhaupt G, et al. **Eur J Biochem** 1985 Aug 1;150(3):435-9

Selective induction of cytochrome b5 and NADH cytochrome b5 reductase by propylthiouracil. Kariya K, et al. **Life Sci** 1984 Dec 3;35(23):2327-34

BLOOD

Cytochrome b-245 from human neutrophils is a glycoprotein. Harper AM, et al. **Biochem J** 1985 May 1;227(3):783-8

Purification and partial characterization of the b-type cytochrome from human polymorphonuclear leukocytes. Lutter R, et al. **J Biol Chem** 1985 Feb 25;260(4):2237-44

Cytochrome b translocation to human neutrophil plasma membranes and superoxide release. Differential effects of N-formylmethionylleucylphenylalanine, phorbol myristate acetate, and A23187. Ohno Y, et al. **J Biol Chem** 1985 Feb 25;260(4):2409-14

DEFICIENCY

Cytochrome b deficiency in an autosomal form of chronic granulomatous disease. A third form of chronic granulomatous disease recognized by monocyte hybridization. Weening RS, et al. **J Clin Invest** 1985 Mar;75(3):915-20

Histiocytoid cardiomyopathy of infancy: deficiency of reducible cytochrome b in heart mitochondria. Papadimitriou A, et al. **Pediatr Res** 1984 Oct;18(10):1023-8

GENETICS

Revision of the nucleotide sequence at the last intron of the mitochondrial apocytochrome b gene in Saccharomyces cerevisiae. Bonjardim CA, et al. **Braz J Med Biol Res** 1984;17(1):17-20

Cloning and expression of the fbc operon encoding the FeS protein, cytochrome b and cytochrome c1 from the Rhodopseudomonas sphaeroides b/c1 complex. Gabellini N, et al. **EMBO J** 1985 Feb;4(2):549-53

Yeast mitochondria contain a linear RNA strand complementary to the circular intronic bI1 RNA of cytochrome b. Halbreich A, et al. **Eur J Biochem** 1984 Oct 15;144(2):261-9

Molecular basis of the 'box effect', A maturase deficiency leading to the absence of splicing of two introns located in two split genes of yeast mitochondrial DNA. Labouesse M, et al. **Eur J Biochem** 1984 Oct 1;144(1):85-93

Cloning the cyd gene locus coding for the cytochrome d complex of Escherichia coli. Green GN, et al. **Gene** 1984 Dec;32(1-2):99-106

Cloning and expression in Escherichia coli of sdhA, the structural gene for cytochrome b558 of the Bacillus subtilis succinate dehydrogenase complex. Magnusson K, et al. **J Bacteriol** 1985 Jun;162(3):1180-5

Assembly of the mitochondrial membrane system. CBP6, a yeast nuclear gene necessary for synthesis of cytochrome b. Dieckmann CL, et al. **J Biol Chem** 1985 Feb 10;260(3):1513-20

A mutation in yeast mitochondrial DNA results in a precise excision of the terminal intron of the cytochrome b gene. Hill J, et al. **J Biol Chem** 1985 Mar 25;260(6):3235-8

Derivation of the globins from type b cytochromes. Runnegar B. **J Mol Evol** 1984;21(1):33-41

Clinical differences in chronic granulomatous disease in patients with cytochrome b-negative or cytochrome b-positive neutrophils. Weening RS, et al. **J Pediatr** 1985 Jul;107(1):102-4

Cytochrome b of cob revertants in yeast. 1. Isolation and characterization of revertants derived from cob exon mutants of Saccharomyces cerevisiae. Burger G. **MGG** 1984;196(1):158-66

Chromosomal location of the Escherichia coli cytochrome b556 gene, cybA. Murakami H, et al. **MGG** 1984;196(1):1-5

Cloning of cybB, the gene for cytochrome b561 of Escherichia coli K12. Murakami H, et al. **MGG** 1984;198(1):1-6

The mitochondrial genome of the fission yeast Schizosaccharomyces pombe. 7. Continuous gene for apocytochrome b in strain EF1 (CBS 356) and sequence variation in the region of intron insertion in strain ade 7-50h. Trinkl H, et al. **MGG** 1985;198(2):360-3

The maxicircle of Trypanosoma brucei kinetoplast DNA encodes apocytochrome b. Johnson BJ, et al. **Mol Biochem Parasitol** 1984 Oct;13(2):135-46

The wheat mitochondrial gene for apocytochrome b: absence of a prokaryotic ribosome binding site. Boer PH, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2281-92

Apocytochrome b and other mitochondrial DNA sequences are differentially expressed during the life cycle of Trypanosoma brucei. Feagin JE, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4577-96

Mapping and 5' end determination of kinetoplast maxicircle gene transcripts from Leishmania tarentolae. Simpson AM, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5977-93

ISOLATION & PURIFICATION

Purification and properties of cytochrome b from photosynthetic bacterium Rhodopseudomonas sphaeroides R-26. Yu L, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1234-9

Purification and properties of plant cytochrome b5. Bonnerot C, et al. **Biochem J** 1985 Feb 15;226(1):331-4

A simple method for purification of rat hepatic microsomal cytochrome b5. Burchell A. **Biochem J** 1985 Feb 15;226(1):339-41

Hamster hepatic cytochrome b5: purifications, immunochemical properties, and in vitro synthesis. Chiang JY, et al. **Biochim Biophys Acta** 1985 Jul 18;830(1):11-9

Studies on cytochrome P-450 (P-450 17 alpha,lyase) from guinea pig adrenal microsomes. Dual function of a single enzyme and effect of cytochrome b5. Shinzawa K, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):151-60

Isolation of a membrane protein by chromatofocusing: cytochrome b-561 of the adrenal chromaffin granule. Wakefield LM, et al. **J Biochem Biophys Methods** 1984 Sep;9(4):331-41

METABOLISM

NADPH-cytochrome P-450 reductase-cytochrome b5 interactions: crosslinking of the phospholipid vesicle-associated proteins by a water-soluble carbodiimide. Nisimoto Y, et al. **Arch Biochem Biophys** 1985 Sep;241(2):386-96

Involvement of cytochrome b5 in the hepatic microsomal metabolism of benzo(a)pyrene. DeMarco GJ, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):621-7

Coupling between redox and acid-base energy by cytochrome b-564 in Baker's yeast mitochondria. Hervás M, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):807-14

Pyridine and imidazole reversibly inhibit the respiratory burst in porcine and human neutrophils: evidence for the involvement of cytochrome b558 in the reaction. Iizuka T, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):621-6

Effects of cholecalciferol (vitamin D3)-binding proteins and anti-cytochrome b5 immunoglobulin on cholecalciferol 25-hydroxylase activities of rabbit liver microsomes and mitochondria. Hiwatashi A, et al. **Biochem Int** 1983 Nov;7(5):655-61

Mechanism of the superoxide-producing oxidase of neutrophils. O2 is necessary for the fast reduction of cytochrome b-245 by NADPH. Cross AR, et al. **Biochem J** 1985 Mar 15;226(3):881-4

The superoxide-generating oxidase of leucocytes. NADPH-dependent reduction of flavin and cytochrome b in solubilized preparations. Cross AR, et al. **Biochem J** 1984 Oct 15;223(2):337-44

Some comments on the relationship between mammalian ferritins and the complex non-haem-iron-containing bacterial cytochromes b557.5 [letter] Moore GR. **Biochem J** 1985 Apr 1;227(1):341-2

Determination of the topography of cytochrome b5 in lipid vesicles by fluorescence quenching. Markello T, et al. **Biochemistry** 1985 Jun 4;24(12):2895-901

A spectroscopic investigation of the structure and redox properties of Escherichia coli cytochrome b-562. Moore GR, et al. **Biochim Biophys Acta** 1985 May 20;829(1):83-96

Immunocytochemical localization of the cytochrome b/f complex of chloroplast thylakoid membranes. Goodchild DJ, et al. **Cell Biol Int Rep** 1985 Aug;9(8):715-21

The interaction of cytochrome b5 with four cytochrome P-450 enzymes from the untreated rat. Jansson I, et al. **Drug Metab Dispos** 1985 Jul-Aug;13(4):453-8

Reduction of cytochrome b-561 through the antimycin-sensitive site of the ubiquinol-cytochrome c2 oxidoreductase complex of Rhodopseudomonas sphaeroides. Glaser EG, et al. **FEBS Lett** 1984 Dec 10;178(2):336-42

Cytochrome b reduction by hexaammineruthenium in mitochondria and submitochondrial particles. Evidence for heme b-562 localization at the M-side of the mitochondrial membrane. Kunz WS, et al. **FEBS Lett** 1984 Sep 17;175(1):100-4

Two distinct quinone-modulated modes of antimycin-sensitive cytochrome b reduction in the cytochrome bc1 complex. Robertson DE, et al. **FEBS Lett** 1984 Dec 10;178(2):343-50

Amino acid sequences of cytochrome b5 from human, porcine, and bovine erythrocytes and comparison with liver microsomal cytochrome b5. Abe K, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1659-68

Thermodynamic and kinetic considerations of Q-cycle mechanisms and the oxidant-induced reduction of cytochromes b. Hendler RW, et al. **J Bioenerg Biomembr** 1985 Feb;17(1):51-64

Activation of the human neutrophil NADPH oxidase results in coupling of electron carrier function between ubiquinone-10 and cytochrome b559. Gabig TG, et al. **J Biol Chem** 1985 Apr 10;260(7):3991-5

On the mechanism of action of cytochrome P-450. Oxidation and reduction of the ferrous dioxygen complex of liver microsomal cytochrome P-450 by cytochrome b5. Pompon D, et al. **J Biol Chem** 1984 Dec 25;259(24):15377-85

Purification and characterization of cytosolic liver protein facilitating heme transport into apocytochrome b5 from mitochondria. Evidence for identifying the heme transfer protein as belonging to a group of glutathione S-transferases. Senjo M, et al. **J Biol Chem** 1985 Aug 5; 260(16):9191-6

Chemical characterization of protein-protein interactions between cytochrome P-450 and cytochrome b5. Tamburini PP, et al. **J Biol Chem** 1985 Apr 10;260(7):4007-15

Resonance Raman study of cytochrome b562-o complex, a terminal oxidase of Escherichia coli in its ferric, ferrous, and CO-ligated states. Uno T, et al. **J Biol Chem** 1985 Jun 10;260(11):6755-60

Effects of pregnant mare serum gonadotrophin and oestradiol benzoate on enzymes associated with xenobiotic metabolism in immature and hypophysectomized female rats. Williams MT. **J Endocrinol** 1985 Feb;104(2):315-21

Comparative study of conjugation between horseradish peroxidase and D-cytochrome b5. Incorporation into subcellular membranes. Collot M, et al.
J Histochem Cytochem 1985 Jun;33(6):523-30

Studies of cytochrome b-245 translocation in the PMA stimulation of the human neutrophil NADPH-oxidase. Higson FK, et al. **J Immunol** 1985 Jul;135(1):519-24

Biological activity of phenolic compounds. Hepatic cytochrome P-450, cytochrome b5, and NADPH cytochrome c reductase in chicks and rats fed phenolic monomers, polymers, and glycosides. Klasing SA, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):529-38

[The role of the hydrophobic fragment of cytochrome b5 in the interaction with cytochrome P-450] Usanov SA, et al. **Bioorg Khim** 1983 Apr;9(4):450-61 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Obligatory role of cytochrome b5 in the microsomal metabolism of methoxyflurane. Canova-Davis E, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):1907-12

CYTOCHROME C

Oxidation and reduction of cytochrome c bound to the phosphoprotein phosvitin. Yoshimura T, et al.
Arch Biochem Biophys 1985 Aug 15;241(1):50-7

Dibromothymoquinone (DBMIB)-mediated reduction of cytochrome in solution and formation of DBMIB-cytochrome complex. Bose S.
Biochem Biophys Res Commun 1985 Mar 15;127(2):578-83

Solubilisation of ferricytochrome c in methanol using a crown ether: absorption, circular dichroism and EPR spectral properties. Bowyer JR, et al.
Biochem Biophys Res Commun 1985 Mar 29;127(3):828-35

The amino acid sequence of the cytochrome c-554(547) from the chemolithotrophic bacterium Thiobacillus neapolitanus. Ambler RP, et al. **Biochem J** 1985 May 1;227(3):1009-13

Delineation and conformational analysis of two synthetic peptide models of antigenic sites on rodent cytochrome c. Paterson Y. **Biochemistry** 1985 Feb 12;24(4):1048-55

Electron transfer between flavodoxin semiquinone and c-type cytochromes: correlations between electrostatically corrected rate constants, redox potentials, and surface topologies. Tollin G, et al. **Biochemistry** 1984 Dec 18; 23(26):6345-9

Spectral and kinetic abnormality during the reduction of cytochrome c3 catalyzed by hydrogenase with hydrogen. Yagi T. **Biochim Biophys Acta** 1984 Nov 26;767(2):288-94

Nuclear-magnetic-resonance studies of Desulfuromonas acetoxidans cytochrome c551.5 (c7). Moura JG, et al. **Eur J Biochem** 1984 Nov 2;144(3):433-40

13C-NMR studies of horse ferrocytochrome c. Assignment and temperature dependence of methyl resonances. Santos H, et al. **FEBS Lett** 1985 May 20;184(2):240-4

Influence of several perturbants on the rate of autoxidation of horse heart ferrocytochrome c. Harrington JP, et al. **Int J Biochem** 1985;17(1):119-22

Deletion of the terminal sequences from cytochromes c. Bryant C, et al. **J Biol Chem** 1985 Jan 10;260(1):332-6

Proton NMR spectroscopy of Alcaligenes cytochrome c556. Timkovich R, et al. **J Inorg Biochem** 1984 Sep;22(1):21-32

Dielectric studies of protein hydration and hydration-induced flexibility. Bone S, et al. **J Mol Biol** 1985 Jan 20;181(2):323-6

Crystal structure of Azotobacter cytochrome c5 at 2.5 A resolution. Carter DC, et al. **J Mol Biol** 1985 Jul 20; 184(2):279-95

Helix movements and the reconstruction of the haem pocket during the evolution of the cytochrome c family. Chothia C, et al. **J Mol Biol** 1985 Mar 5;182(1):151-8

Solution structure of mitochondrial cytochrome c. II. 1H nuclear magnetic resonance of ferrocytochrome c. Moore GR, et al. **J Mol Biol** 1985 Jun 5;183(3):429-46

Electrostatic interactions in globular proteins: calculation of the pH dependence of the redox potential of cytochrome c551. Rogers NK, et al. **J Mol Biol** 1985 Apr 20; 182(4):613-6

Solution structure of mitochondrial cytochrome c. I. 1H nuclear magnetic resonance of ferricytochrome c. Williams G, et al. **J Mol Biol** 1985 Jun 5;183(3):409-28

Comparison of the solution and crystal structures of mitochondrial cytochrome c. Analysis of paramagnetic shifts in the nuclear magnetic resonance spectrum of ferricytochrome c. Williams G, et al. **J Mol Biol** 1985 Jun 5;183(3):447-60

A new crystal form and preliminary crystallographic data for ferricytochrome c' from Rhodospirillum rubrum. Yasui M, et al. **J Mol Biol** 1984 Aug 25;177(4):845-6

Lattice mobility and anomalous temperature factor behaviour in cytochrome c'. Finzel BC, et al. **Nature** 1985 Jun 20-26; 315(6021):686-8

Site-directed mutagenesis of cytochrome c shows that an invariant Phe is not essential for function. Pielak GJ, et al. **Nature** 1985 Jan 10-18;313(5998):152-4

ANALOGS & DERIVATIVES

Chemiluminescent assay of lipid peroxide in plasma using cytochrome c heme peptide. Iwaoka T, et al.
FEBS Lett 1984 Dec 3;178(1):47-50

Amino-terminal processing of mutant forms of yeast iso-1-cytochrome c. The specificities of methionine aminopeptidase and acetyltransferase. Tsunasawa S, et al. **J Biol Chem** 1985 May 10;260(9):5382-91

Localization of the upstream regulatory sites of yeast iso2-cytochrome c gene. Iborra F, et al. **MGG** 1985; 199(1):117-22

Regulation of the expression of iso 2-cytochrome c gene in S. cerevisiae: cloning of the positive regulatory gene CYP1 and identification of the region of its target sequence on the structural gene CYP3. Verdière J, et al. **MGG** 1985; 199(3):524-33

Identification of regulatory regions within the Ty1 transposable element that regulate iso-2-cytochrome c production in the CYC7-H2 yeast mutant. Errede B, et al. **Mol Cell Biol** 1984 Jul;4(7):1393-401

Augmentation of in vitro lymphocyte blastogenesis and cytotoxicity responses by tumor cells modified with dodecanoyl cytochrome C. Davis JW, et al.
Nat Immun Cell Growth Regul 1983-84;3(4):203-9

ANALYSIS

Kinetic aspects of the interaction of horse heart cytochrome c with sodium dodecyl sulfate. Takeda K, et al.
Arch Biochem Biophys 1985 Jan;236(1):411-7

The major soluble cytochromes of the obligately aerobic sulfur bacterium, Thiobacillus neapolitanus. Trudinger PA, et al. **Arch Microbiol** 1985 May;141(4):273-8

Amino acid sequence of cytochrome c-552 from Thermus thermophilus HB8. Titani K, et al.
Biochem Biophys Res Commun 1985 Apr 30;128(2):781-7

Ionization of tyrosine residues in horse-heart ferricytochrome c and its guanidinated and acetylated-guanidinated derivatives. Cronin JR, et al.
Biochim Biophys Acta 1985 Apr 29;828(3):325-35

Characterization of the antigen-specific T cell receptor from a pigeon cytochrome c-specific T cell hybrid. Samelson LE, et al. **Immunol Rev** 1984 Oct;81:131-44

[Fluorescence of hemoproteins in reversed micelles of surfactants in octanes] Eremin AN, et al. **Biokhimiia** 1984 Dec;49(12):1947-54 (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

Protection and deprotection of horse cytochrome c. Boon PJ, et al. **Int J Pept Protein Res** 1985 May;25(5):510-6

GENETICS

Cloning and expression of the fbc operon encoding the FeS protein, cytochrome b and cytochrome c1 from the Rhodopseudomonas sphaeroides b/c1 complex. Gabellini N, et al. **EMBO J** 1985 Feb;4(2):549-53

Sequencing of the nuclear gene for the yeast cytochrome c1 precursor reveals an unusually complex amino-terminal presequence. Sadler I, et al. **EMBO J** 1984 Sep; 3(9):2137-43

Complete amino acid sequence of cytochrome c from the honeybee, Apis mellifera, and evolutionary relationship of the honeybee to other insects on the basis of the amino acid sequence. Inoue S, et al. **J Biochem (Tokyo)** 1985 Mar; 97(3):947-54

Processed pseudogenes for rat cytochrome c are preferentially derived from one of three alternate mRNAs. Scarpulla RC. **Mol Cell Biol** 1984 Nov;4(11):2279-88

Characterization of a mouse somatic cytochrome c gene and three cytochrome c pseudogenes. Limbach KJ, et al.
Nucleic Acids Res 1985 Jan 25;13(2):617-30

Characterization of two Drosophila melanogaster cytochrome c genes and their transcripts. Limbach KJ, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):631-44

Association of a truncated cytochrome c processed pseudogene with a similarly truncated member from a long interspersed repeat family of rat. Scarpulla RC.
Nucleic Acids Res 1985 Feb 11;13(3):763-75

A synthetic HIS4 regulatory element confers general amino acid control on the cytochrome c gene (CYC1) of yeast. Hinnebusch AG, et al. **Proc Natl Acad Sci USA** 1985 Jan; 82(2):498-502

Developmental expression of nuclear genes that encode mitochondrial proteins: insect cytochromes c. Swanson MS, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1964-8

IMMUNOLOGY

Different antigen-presenting cells differ in their capacity to induce lymphokine production and proliferation of an apo-cytochrome c-specific T cell clone. Baumhüter S, et al. **J Immunol** 1985 Aug;135(2):989-94

Monoclonal antibodies to horse cytochrome c expressing four distinct idiotypes distribute among two sites on the native protein. Carbone FR, et al. **J Immunol** 1985 Oct; 135(4):2609-16

Differential effects of two anti-apo-cytochrome c-specific monoclonal antibodies on the function of apo-cytochrome c-specific murine T cell clones. Corradin G, et al.
J Immunol 1984 Dec;133(6):2915-9

The molecular basis of the requirement for antigen processing of pigeon cytochrome c prior to T cell activation. Kovač Z, et al. **J Immunol** 1985 May;134(5):3233-40

The T lymphocyte response to cytochrome c. V. Determination of the minimal peptide size required for stimulation of T cell clones and assessment of the contribution of each residue beyond this size to antigenic potency. Schwartz RH, et al. **J Immunol** 1985 Oct; 135(4):2598-608

Antibody subpopulation in antihorse cytochrome c serum. Wang KM. **Mol Immunol** 1984 Oct;21(10):985-91

Analysis of an evolutionarily conserved antigenic site on mammalian cytochrome c using synthetic peptides. Jemmerson R, et al. **Proc Natl Acad Sci USA** 1985 Mar; 82(5):1508-12

ISOLATION & PURIFICATION

Reconstitution 'in vitro' of a formate or NADH dependent nitrite reductase activity starting from cytochrome c552 and membrane vesicles from Escherichia coli K-12. Sánchez-Crispín JA, et al. **Acta Cient Venez** 1984; 35(5-6):350-5

Complete amino-acid sequences of two isocytochromes c of the housefly, Musca domestica L., and their developmental variation in different tissues. Inoue S, et al. **Biochim Biophys Acta** 1984 Oct 23;790(2):188-95

Reproducibility of gel-chromatography. Tesser GI, et al.
Int J Pept Protein Res 1984 Aug;24(2):192-4

Characterization of cytochrome c3 from the thermophilic sulfate reducer Thermodesulfobacterium commune. Hatchikian EC, et al. **J Bacteriol** 1984 Sep;159(3):1040-6

Studies on algal cytochromes. V. Purification and characterization of cytochrome c-552 from a red alga, Polysiphonia urceolata. Sugimura Y, et al.
J Biochem (Tokyo) 1984 Dec;96(6):1681-7

[The C27-steroid hydroxylating system from bovine liver mitochondria. Isolation of ferredoxin (hepatoredoxin) by affinity chromatography on cytochrome-c-sepharose] Shkumatov VM, et al. **Bioorg Khim** 1983 Sep;9(9):1231-6 (Eng. Abstr.) **(Rus)**

[Immobilized cytochrome c--an effective ligand for affinity chromatography of electron transport proteins] Shkumatov VM, et al. **Bioorg Khim** 1983 Sep;9(9):1237-47 (Eng. Abstr.) **(Rus)**

METABOLISM

Renal hydrolysis of absorbed protein: influence of load and lysosomal pH. Camargo MJ, et al. **Am J Physiol** 1984 Oct; 247(4 Pt 2):F656-64

Elevation of tissue coenzyme Q (ubiquinone) and cytochrome c concentrations by endurance exercise in the rat. Beyer RE, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):323-9

Redox state of cytochrome c in the presence of the 6-hydroxydopamine/oxygen couple: oscillations dependent on the presence of hydrogen peroxide or superoxide. Davison AJ, et al. **Arch Biochem Biophys** 1984 Sep; 233(2):761-71

A cytosolic flavin-containing enzyme catalyzing reduction of cytochrome c in Trypanosoma cruzi: kinetic studies with cytochrome c as substrate. Kuwahara T, et al.
Arch Biochem Biophys 1985 Aug 15;241(1):45-9

Chromatium flavocytochrome c: kinetics of reduction of the heme subunit, and the flavocytochrome c-mitochondrial cytochrome c complex. Meyer TE, et al.
Arch Biochem Biophys 1985 Jan;236(1):52-8

Light inhibition of respiration is due to a dual function of the cytochrome b6-f complex and the plastocyanin/cytochrome c-553 pool in Aphanocapsa. Sandmann G, et al. **Arch Biochem Biophys** 1984 Oct; 234(1):105-11

Preliminary 1H-NMR studies of the interaction between cytochrome c3 and ferredoxin I from Desulfovibrio desulfuricans Norway. Guerlesquin F, et al.
Biochem Biophys Res Commun 1985 Aug 15;130(3):1102-8

Proton NMR study of the cytochrome c:flavodoxin electron transfer complex. Hazzard JT, et al.
Biochem Biophys Res Commun 1985 Aug 15;130(3):1281-6

Binding of cytochrome c2 to the isolated reaction center of Rhodospirillum rubrum involves the 'backside' of cytochrome c2. Rieder R, et al.
Biochem Biophys Res Commun 1985 Apr 16;128(1):120-6

Two-dimensional electron transfer from cytochrome C to photosynthetic reaction centers. Riegler J, et al.
Biochem Biophys Res Commun 1984 Dec 14;125(2):592-9

Measurement of free radical oxygen generation by cytochrome c reduction requirement for cytochrome c oxidase blockade. Schacter LP.
Biochem Biophys Res Commun 1985 Feb 28;127(1):354-7

Flavocytochromes c: transient kinetics of photoreduction by flavin analogues. Cusanovich MA, et al. **Biochemistry** 1985

Mar 12;24(6):1281-7

Carbon monoxide binding to Rhodospirillum molischianum ferrocytochrome c'. Doyle ML, et al. **Biochemistry** 1985 Apr 9;24(8):1987-91

Mobility in the mitochondrial electron transport chain. Hochman J, et al. **Biochemistry** 1985 May 7;24(10):2509-16

Electron-transfer reactions of photoreduced flavin analogues with c-type cytochromes: quantitation of steric and electrostatic factors. Meyer TE, et al. **Biochemistry** 1984 Sep 25;23(20):4761-7

Phospholipid oxidation catalyzed by cytochrome c in liposomes. Goñi FM, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):549-56

NMR and kinetic characterization of the interaction between French bean plastocyanin and horse cytochrome c. King GC, et al. **Biochim Biophys Acta** 1985 Feb 22;806(2):262-71

Complexity in the redox titration of the dihaem cytochrome c4. Leitch FA, et al. **Biochim Biophys Acta** 1985 Jul 17; 808(2):213-8

Kinetics of cytochrome c and TMPD oxidation by cytochrome c oxidase from the thermophilic bacterium, PS3. Nicholls P, et al. **Biochim Biophys Acta** 1984 Nov 26;767(2):240-7

Inhibition of lipid peroxidation by heme-nonapeptide derived from cytochrome c. Vodnyánszky L, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):411-4

Reduction and oxidation of cytochrome C by Hymenolepis diminuta (Cestoda) mitochondria. Kim Y, et al. **Comp Biochem Physiol [B]** 1985;81(2):335-9

Effects of denaturation and methylation on the degradation of proteins in cultured hepatoma cells and in reticulocyte cell-free systems. Katznelson R, et al. **Eur J Biochem** 1985 Jan 15;146(2):437-42

Interaction of electron acceptors with the excited triplet state of Zn cytochrome c. Horie T, et al. **FEBS Lett** 1984 Nov 19;177(2):287-90

The oxidation of exogenous cytochrome c by mitochondria. Resolution of a long-standing controversy. Wikström M, et al. **FEBS Lett** 1985 Apr 22;183(2):293-8

Sex different cytochrome-c uptake in the proximal tubule of the rat kidney. Kiesewetter F, et al. **Histochemistry** 1985; 82(6):557-64

Artificial electron transport mediated by trinitrophenyl groups introduced into protein molecules by means of chemical modification. Sakihama N, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):371-5

Activation studies by phospholipids on the purified cytochrome c4:o oxidase of Azotobacter vinelandii. Wong TY, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):477-89

Structure of an electron transfer complex. II. Chemical modification of carboxyl groups of cytochrome c peroxidase in presence and absence of cytochrome c. Bechtold R, et al. **J Biol Chem** 1985 Apr 25;260(8):5191-200

Complex formation between flavodoxin and cytochrome c. Cross-linking studies. Dickerson JL, et al. **J Biol Chem** 1985 Apr 25;260(8):5175-8

Stoichiometry determination for carbon monoxide binding to Rhodospirillum molischianum cytochrome c'. Doyle ML, et al. **J Biol Chem** 1985 Aug 15;260(17):9534-6

Purification and characterization of enzymes from Euglena gracilis that methylate methionine and arginine residues of cytochrome c. Farooqui JZ, et al. **J Biol Chem** 1985 Jan 10;260(1):537-45

Identification of the binding site on cytochrome c1 for cytochrome c. Stonehuerner J, et al. **J Biol Chem** 1985 May 10;260(9):5392-8

On the specificity of cytochrome c synthetase in recognition of the amino acid sequence of apocytochrome c. Visco C, et al. **J Biol Chem** 1985 May 25;260(10):6133-8

Structure of an electron transfer complex. I. Covalent cross-linking of cytochrome c peroxidase and cytochrome c. Waldmeyer B, et al. **J Biol Chem** 1985 Apr 25; 260(8):5184-90

Electrostatic interactions during electron transfer reactions between c-type cytochromes and flavodoxin. Weber PC, et al. **J Biol Chem** 1985 May 10;260(9):5568-73

Mobility of fluorescent derivatives of cytochrome c in mitochondria. Vanderkooi JM, et al. **J Cell Biol** 1985 Feb; 100(2):435-41

An analysis of the structure of the antigen receptor on a pigeon cytochrome c-specific T cell hybrid. Samelson LE. **J Immunol** 1985 Apr;134(4):2529-35

Rapid covalent coupling of proteins to cell surfaces: immunological characterization of viable protein-cell conjugates. Christiaansen JE, et al. **J Immunol Methods** 1984 Nov 30;74(2):229-39

Kinetics of dithionite reduction of the heme nonapeptide of cytochrome c. Arif Kazmi S, et al. **J Inorg Biochem** 1985 May;24(1):9-12

Kinetics of electron transfer between mitochondrial cytochrome c and iron hexacyanides. Eley CG, et al. **J Inorg Biochem** 1984 Aug;21(4):295-310

The degradation of cytochrome c by hydrogen peroxide. Florence TM. **J Inorg Biochem** 1985 Feb;23(2):131-41

The measurement of changes in pH associated with electrochemically driven respiration in rat liver mitochondria. Hill HA, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):303-9

Reactions of mitochondrial cytochrome c with iron-polyaminocarboxylate complexes. Williams G, et al. **J Inorg Biochem** 1984 Sep;22(1):1-10

Interactions involving the cyanine dye, diS-C3-(5), cytochrome c and liposomes and their implications for estimations of delta psi in cytochrome c oxidase-reconstituted proteoliposomes. Singh AP, et al. **J Membr Biol** 1985;84(2):183-90

Cellular pathways of galactose-terminal ligand movement in a cloned human hepatoma cell line. Simmons CF Jr, et al. **Mol Pharmacol** 1984 Nov;26(3):509-19

On the redox conformational change in cytochrome c. Rackovsky S, et al. **Proc Natl Acad Sci USA** 1984 Sep; 81(18):5901-5

[Reduction of cytochrome c by NADH induced by light] Ferri A, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30; 61(3):327-34 (Eng. Abstr.) **(Ita)**

[Quantitative estimate of major factors determining the kinetics of electron transfer reactions with cytochrome c] Fogel' VR, et al. **Biofizika** 1985 May-Jun;30(3):394-9 (Eng. Abstr.) **(Rus)**

[Kinetic model of the effect of dehydration on electron transfer from membrane-bound cytochrome c to the photosynthetic reaction center] Petrov EG, et al. **Mol Biol (Mosk)** 1985 May-Jun;19(3):643-53 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Effects of detergents and cytochrome c binding on scalar and vectorial proton ejection by proteoliposomes containing cytochrome oxidase. Nicholls P, et al. **Biochem J** 1985 May 15;228(1):201-10

Adduct formation is involved in radiosensitization, mediated by cytochrome c, of phi X174 DNA by misonidazole. Lafleur MV, et al. **Int J Radiat Biol** 1985 Apr;47(4):379-82

[Cytochrome c-induced acceleration of the reaction of muscle actin polymerization] Stozharov AN. **Biokhimiia** 1985 May;50(5):860-5 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

[Cytochrome c function--a model of molecular recognition] Bosshard HR. **Postepy Biochem** 1984;30(3-4):225-30 **(Pol)**

CYTOCHROME C-1 see under **CYTOCHROME C**

CYTOCHROME C OXIDASE see **CYTOCHROME OXIDASE**

CYTOCHROME OXIDASE

1H NMR spectroscopy of cytochrome cd1 derivatives. Timkovich R, et al. **Arch Biochem Biophys** 1985 Aug 1; 240(2):689-97

Interactions of sulphide and other ligands with cytochrome c oxidase. An electron-paramagnetic-resonance study. Hill BC, et al. **Biochem J** 1984 Dec 1;224(2):591-600

Interaction of local anaesthetics with cytochrome oxidase studied with fluorescence quenching. Casanovas AM, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):663-8

Topology of beef heart cytochrome c oxidase from studies on reconstituted membranes. Zhang YZ, et al. **Biochemistry** 1984 Nov 6;23(23):5616-21

The interconversion between monomeric and dimeric bovine heart cytochrome c oxidase. Bolli R, et al. **Biochimie** 1985 Jan;67(1):119-28

Three proton pumps, morphology and movements. Telford JN, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):335-51

Spectroscopic and functional properties of subunit III-depleted cytochrome oxidase. Puettner I, et al. **J Biol Chem** 1985 Mar 25;260(6):3719-23

Cytochrome c oxidase: structure, function, and physiological role. Rome and Caprarola, Italy, 3-6 October 1984. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):143-393

Helical packing in the hydrophobic sector of cytochrome c oxidase. Bisson R, et al. **J Inorg Biochem** 1985 Mar-Apr; 23(3-4):177-82

Cytochrome oxidase: structural insights from electron microscopy and from secondary structure prediction. Frey TG, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):155-62

Three-dimensional reconstruction of cytochrome oxidase vesicle crystals prepared by cholate solubilization. Kim CH, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):163-9

Potentiometric study of cytochrome c1aa3 from Thermus thermophilus. Yoshida T, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):279-88

Photosensitization of mitochondrial cytochrome c oxidase by hematoporphyrin derivative (HpD) in-vitro and in-vivo. Gibson SL, et al. **Prog Clin Biol Res** 1984; 170:323-34

ANALYSIS

3,3',5,5'-tetramethylbenzidine/H2O2 staining is not specific for heme proteins separated by gel electrophoresis. Miller DJ, et al. **Anal Biochem** 1984 Aug 1;140(2):577-80

Correlation between cytochrome aa3 concentrations and streptomycin accumulation in Bacillus subtilis. McEnroe AS, et al. **Antimicrob Agents Chemother** 1984 Oct; 26(4):507-12

ATPase and cytochrome oxidase activities at the polar organelle in swarm cells of Sphaerotilus natans: an ultrastructural study. Tauschel HD. **Arch Microbiol** 1985 May;141(4):303-8

Zinc is a constituent of bovine heart cytochrome c oxidase preparations. Einarsdóttir O, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):836-42

Orientation of cytochrome c oxidase molecules in the two populations of reconstituted vesicles resolved by column chromatography on DEAE-Sephacryl. Zhang YZ, et al. **Biochim Biophys Acta** 1985 Jun 26;808(1):209-11

Studies on cytochrome c oxidase, XI. The amino-acid sequence of bovine heart polypeptide VIc. Erdweg M, et al. **Biol Chem Hoppe Seyler** 1985 Mar;366(3):257-63

Selective labeling of beef heart cytochrome oxidase subunit III with eosin-5-maleimide. Müller M, et al. **FEBS Lett** 1985 May 6;184(1):110-4

Differences in cytochrome c oxidase capacity in smooth muscle of opossum esophagus and lower esophageal sphincter. Robison BA, et al. **Gastroenterology** 1984 Nov; 87(5):1009-13

Cytochemistry of cytochrome oxidase in the cytoplasmic and intracytoplasmic membranes of Azotobacter vinelandii. Payne HR, et al. **J Bacteriol** 1984 Sep;159(3):946-50

The identification of histidine ligands to cytochrome a in cytochrome c oxidase. Martin CT, et al. **J Biol Chem** 1985 Mar 10;260(5):2857-61

The functional and physical form of mammalian cytochrome c oxidase determined by gel filtration, radiation inactivation, and sedimentation equilibrium analysis. Suarez MD, et al. **J Biol Chem** 1984 Nov 25;259(22):13791-9

The protein formula of beef heart cytochrome c oxidase. Buse G, et al. **J Inorg Biochem** 1985 Mar-Apr; 23(3-4):149-53

[The polypeptide composition of cytochrome oxidase from the bovine heart muscle] Filatov IA, et al. **Bioorg Khim** 1985 Feb;11(2):192-5 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Cyanide inhibition of cytochrome c oxidase. A rapid-freeze e.p.r. investigation. Jensen P, et al. **Biochem J** 1984 Dec 15;224(3):829-37

Model for action of local anaesthetics with cytochrome oxidase. Casanovas AM, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3187-90

Effect of carbon monoxide exposure on heart cytochrome c oxidase activity of rats. Pankow D, et al. **Biomed Biochim Acta** 1984;43(10):1185-9

Complexes of cytochrome caa3 from the thermophilic bacterium PS3 formed with ligands and during catalytic activity. Sone N, et al. **Can J Biochem Cell Biol** 1985 Mar; 63(3):153-61

Cerebral cytochrome a,a3 inhibition by cyanide in bloodless rats. Piantadosi CA, et al. **Toxicology** 1984 Oct;33(1):67-79

Purification and properties of succinic oxidase factor, an extracellular product of Staphylococcus aureus. Gemmell CG. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec; 258(4):431-40

BIOSYNTHESIS

Regulation by heme of the synthesis of cytochrome C oxidase subunits V and VII in yeast. Gollub EG, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1447-54

Cytochrome b, the var 1 protein, and subunits I and III of cytochrome c oxidase are synthesized without transient presequences in Saccharomyces cerevisiae. Mannhaupt G, et al. **Eur J Biochem** 1985 Aug 1;150(3):435-9

Heme a induces assembly of rat liver cytochrome c oxidase subunits I--III in isolated mitochondria. Wielburski A, et al. **FEBS Lett** 1984 Nov 19;177(2):291-4

Kinetic studies on formation of cytochrome oxidase of Rhodopseudomonas capsulata after a shift from phototrophic to chemotrophic growth. Hüdig H, et al. **J Bacteriol** 1985 Jun;162(3):897-901

DEFICIENCY

Fatal infantile mitochondrial myopathy and renal dysfunction caused by cytochrome c oxidase deficiency: immunological studies in a new patient. Zeviani M, et al. **Ann Neurol** 1985 Apr;17(4):414-7

Cytochrome c oxidase deficiency. DiMauro S, et al. **Biochem Soc Trans** 1985 Aug;13(4):651-3

Cytochrome C oxidase deficiency in two siblings with Leigh encephalomyelopathy. Miyabayashi S, et al. **Brain Dev** 1984;6(4):362-72

Biochemical study in 28 children with lactic acidosis, in relation to Leigh's encephalomyelopathy. Miyabayashi S, et al. **Eur J Pediatr** 1985 Mar;143(4):278-83

Mitochondrial myopathy with partial cytochrome oxidase deficiency and impaired oxidation of NADH-linked substrates. Sherratt HS, et al. **J Inherited Metab Dis** 1984; 7 Suppl 2:107-8

Focal deficiency of cytochrome c oxidase and of mitochondrial ATPase with histochemical evidence of loosely coupled oxidative phosphorylation in a mitochondrial myopathy of a patient with bilateral ptosis. An enzyme histochemical, immunocytochemical and fine structural study. Müller-Höcker J, et al. **J Neurol Sci** 1985 May-Jun;69(1-2):27-36

Fatal infantile cytochrome c oxidase deficiency: decrease of immunologically detectable enzyme in muscle. Bresolin N, et al. **Neurology** 1985 Jun;35(6):802-12

[Mitochondrial myopathy associated with cytochrome oxidase deficiency] Sengers RC, et al. **Tijdschr Kindergeneeskd** 1984 Aug;52(4):159-64 (Eng. Abstr.) **(Dut)**

GENETICS

Non-random patterns of nucleotide substitutions and codon strategy in the mammalian mitochondrial genes coding for identified and unidentified reading frames. Pepe G, et al. **Biochem Int** 1983 Apr;6(4):553-63

The cytoplasmically-made subunit IV is necessary for assembly of cytochrome c oxidase in yeast. Dowhan W, et al. **EMBO J** 1985 Jan;4(1):179-84

Subunit IV of yeast cytochrome c oxidase: cloning and nucleotide sequencing of the gene and partial amino acid sequencing of the mature protein. Maarse AC, et al. **EMBO J** 1984 Dec 1;3(12):2831-7

Three variant introns of the same general class in the mitochondrial gene for cytochrome oxidase subunit 1 in Aspergillus nidulans. Waring RB, et al. **EMBO J** 1984 Sep; 3(9):2121-8

Molecular basis of the 'box effect', A maturase deficiency leading to the absence of splicing of two introns located in two split genes of yeast mitochondrial DNA. Labouesse M, et al. **Eur J Biochem** 1984 Oct 1;144(1):85-93

The Neurospora mitochondrial genome: the region coding for the polycistronic cytochrome oxidase subunit I transcript is preceded by a transfer RNA gene. de Vries H, et al. **FEBS Lett** 1985 Jan 7;179(2):337-42

Isolation and characterization of an Escherichia coli mutant lacking the cytochrome o terminal oxidase. Au DC, et al. **J Bacteriol** 1985 Jan;161(1):123-7

Rapid method for isolation and screening of cytochrome c oxidase-deficient mutants of Saccharomyces cerevisiae. McEwen JE, et al. **J Bacteriol** 1985 Mar;161(3):831-5

Nuclear mutants of Saccharomyces cerevisiae with altered subunits 4, 5, and 6 of cytochrome oxidase. Koerner TJ, et al. **J Biol Chem** 1985 May 25;260(10):5871-4

Cloning and characterization of the yeast nuclear gene for subunit 5 of cytochrome oxidase. Koerner TJ, et al. **J Biol Chem** 1985 Aug 15;260(17):9513-5

Isolation and sequence of the structural gene for cytochrome c oxidase subunit VI from Saccharomyces cerevisiae. Wright RM, et al. **J Biol Chem** 1984 Dec 25; 259(24):15401-7

Cloning of Paracoccus cytochrome c oxidase subunit II. Paetow B, et al. **J Inorg Biochem** 1985 Mar-Apr; 23(3-4):183-6

Identification of mitochondrial genes in Trypanosoma brucei and homology to cytochrome c oxidase II in two different reading frames. Payne M, et al. **Mol Biochem Parasitol** 1985 May;15(2):159-70

The sequence of the gene for cytochrome c oxidase subunit I, a frameshift containing gene for cytochrome c oxidase subunit II and seven unassigned reading frames in Trypanosoma brucei mitochrondrial maxi-circle DNA. Hensgens LA, et al. **Nucleic Acids Res** 1984 Oct 11; 12(19):7327-44

Cytochrome oxidase subunit II gene of rice has an insertion sequence within the intron. Kao T, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7305-15

Pea cytochrome oxidase subunit II gene has no intron and generates two mRNA transcripts with different 5'-termini. Moon E, et al. **Nucleic Acids Res** 1985 May 10; 13(9):3195-212

Mapping and 5' end determination of kinetoplast maxicircle gene transcripts from Leishmania tarentolae. Simpson AM, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5977-93

Genes for respiratory chain proteins and ribosomal RNAs are present on a 16-kilobase-pair DNA species from Chlamydomonas reinhardtii mitochondria. Boer PH, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3340-4

Two nonidentical forms of subunit V are functional in yeast cytochrome c oxidase. Cumsky MG, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2235-9

Isolation and characterization of a cDNA clone for bovine cytochrome c oxidase subunit IV. Lomax MI, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6295-9

ISOLATION & PURIFICATION

Resolution and identification of the 'subunits' of cytochrome C oxidase from mouse liver. Scholes SW, et al. **Biochem Int** 1984 Oct;9(4):475-82

Preparation of reconstituted cytochrome oxidase vesicles with defined trans-membrane protein orientations employing a cytochrome c affinity column. Madden TD, et al. **Biochim Biophys Acta** 1985 Jul 17;808(2):219-24

Structure of the cytochrome c oxidase complex of rat liver. 2. Topological orientation of polypeptides in the membrane as studied by proteolytic digestion and immunoblotting. Jarausch J, et al. **Eur J Biochem** 1985 Jan 2;146(1):219-25

Structure of the cytochrome c oxidase complex of rat liver. 1. Studies on nearest-neighbour relationship of polypeptides with cross-linking reagents. Jarausch J, et al. **Eur J Biochem** 1985 Jan 2;146(1):211-7

Isolation and properties of cytochrome c oxidase from rat liver and quantification of immunological differences between isozymes from various rat tissues with subunit-specific antisera. Kuhn-Nentwig L, et al. **Eur J Biochem** 1985 May 15;149(1):147-58

Isolation of ubiquinol oxidase from Paracoccus denitrificans and resolution into cytochrome bc1 and cytochrome c-aa3 complexes. Berry EA, et al. **J Biol Chem** 1985 Feb 25; 260(4):2458-67

Separation of enzymically active bovine cytochrome c oxidase monomers and dimers by high performance liquid chromatography. Hakvoort TB, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):381-8

METABOLISM

The aggregation state of bovine heart cytochrome c oxidase and its kinetics in monomeric and dimeric form. Bolli R, et al. **Arch Biochem Biophys** 1985 Jul;240(1):102-16

Patterns of product inhibition for bacterial nitrite reductase. Dhesi R, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):966-72

Bovine heart cytochrome c oxidase preparations contain high affinity binding sites for magnesium as well as for zinc, copper, and heme iron. Einarsdóttir O, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):840-7

Heme-copper relationship of cytochrome oxidase in rat brain in situ. Kariman K, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1022-8

Measurement of free radical oxygen generation by cytochrome c reduction requirement for cytochrome c oxidase blockade. Schacter LP. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):354-7

Control of respiration in sonicated cytochrome oxidase proteoliposomes by gated and ungated ionophores. Shaughnessy S, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):1025-30

Effects of detergents and cytochrome c binding on scalar and vectorial proton ejection by proteoliposomes containing cytochrome oxidase. Nicholls P, et al. **Biochem J** 1985 May 15;228(1):201-10

On the location of the electrogenic step(s) during the process of dioxygen reduction catalysed by cytochrome c oxidase [letter] O'Shea PS, et al. **Biochem J** 1984 Nov 15; 224(1):343-4

Pulsed cytochrome c oxidase from the thermophilic bacterium PS3. Sone N, et al. **Biochem J** 1984 Nov 1; 223(3):809-13

New insights on the cytochrome c oxidase proton pump. Thelen M, et al. **Biochem J** 1985 Apr 1;227(1):163-7

Electron-paramagnetic-resonance studies on the spatial relationship of redox components in cytochrome oxidase. Ohnishi T, et al. **Biochem Soc Trans** 1985 Jun;13(3):607-11

Electron-paramagnetic-resonance studies of structure and function of the two-haem enzymes Pseudomonas cytochrome c peroxidase and beef heart cytochrome c oxidase. Vänngård T. **Biochem Soc Trans** 1985 Jun; 13(3):619-22

Mobility in the mitochondrial electron transport chain. Hochman J, et al. **Biochemistry** 1985 May 7;24(10):2509-16

Volume changes associated with cytochrome c oxidase-porphyrin cytochrome c equilibrium. Kornblatt JA, et al. **Biochemistry** 1984 Dec 4;23(25):5906-11

Cytochrome o type oxidase from Escherichia coli. Characterization of the enzyme and mechanism of electrochemical proton gradient generation. Matsushita K, et al. **Biochemistry** 1984 Sep 25;23(20):4703-14

Effect of membrane potential and pH gradient on electron transfer in cytochrome oxidase. Moroney PM, et al. **Biochemistry** 1984 Oct 9;23(21):4991-7

Structure and reactivity of multiple forms of cytochrome oxidase as evaluated by X-ray absorption spectroscopy and kinetics of cyanide binding. Naqui A, et al. **Biochemistry** 1984 Dec 4;23(25):6222-7

Effect of heat treatment on oxidase activity and proton-pumping capability of proteoliposome-incorporated beef heart cytochrome aa3. Sone N, et al. **Biochemistry** 1984 Dec 18;23(26):6550-4

The effect of N,N'-dicyclohexylcarbodiimide on enzymes of bioenergetic relevance. Azzi A, et al. **Biochim Biophys Acta** 1984 Dec 17;768(3-4):209-26 (155 ref.)

Membrane reconstitution of the energy-conserving enzymes of oxidative phosphorylation. Casey RP. **Biochim Biophys Acta** 1984 Dec 17;768(3-4):319-47 (301 ref.)

The oxidation of cytochrome c oxidase by hydrogen peroxide. Gorren AC, et al. **Biochim Biophys Acta** 1985 Aug 28;809(1):90-6

Hypothesis. Cytochrome c oxidase as a proton pump. A transition-state mechanism. Malmström BG. **Biochim Biophys Acta** 1985 Apr 8;811(1):1-12

The role of subunit III in bovine cytochrome c oxidase. Comparison between native, subunit III-depleted and Paracoccus denitrificans enzymes. Nalęcz KA, et al. **Biochim Biophys Acta** 1985 Jul 17;808(2):259-72

Kinetics of cytochrome c and TMPD oxidation by cytochrome c oxidase from the thermophilic bacterium, PS3. Nicholls P, et al. **Biochim Biophys Acta** 1984 Nov 26;767(2):240-7

Association of spin-labelled cardiolipin with dimyristoylphosphatidylcholine-substituted bovine heart cytochrome c oxidase. A generalized specificity increase rather than highly specific binding sites. Powell GL, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):191-4

Effect of administration of 2-methyl-4-dimethylaminoazobenzene on the half-lives of rat liver mitochondria and cytochrome oxidase. Saikumar P, et al. **Biochim Biophys Acta** 1985 May 29;840(1):127-33

Phospholipid composition and organization of cytochrome c oxidase preparations as determined by 31P-nuclear magnetic resonance. Seelig A, et al. **Biochim Biophys Acta** 1985 May 14;815(2):153-8

Energized transport of potassium ions in the absence of valinomycin by cytochrome c oxidase-reconstituted vesicles. Singh AP, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):194-200

The concept of high- and low-affinity reactions in bovine cytochrome c oxidase steady-state kinetics. Sinjorgo KM, et al. **Biochim Biophys Acta** 1984 Oct 26;767(1):48-56

Studies on protein-lipid interactions in cytochrome c oxidase by differential scanning calorimetry. Yu CA, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):656-64

Thermodynamics and control of proton motive free-energy transduction. Westerhoff HV. **Biomed Biochim Acta** 1985; 44(6):929-41

Thermotropic behavior of dimyristoylphosphatidylcholine in the presence of cytochrome c oxidase. Chen CH, et al. **Biopolymers** 1985 May;24(5):883-95

Cytochrome oxidase activity in the hypothalamus of SHR and normotensive rats before and after fasting. Krukoff TL, et al. **Brain Res** 1984 Nov 19;322(1):75-82

Effects of acetazolamide and electrical stimulation on cerebral oxidative metabolism as indicated by the cytochrome oxidase redox state. Lockwood AH, et al. **Brain Res** 1984 Aug 6;308(1):9-14

The effect of cigarette smoke on cytochrome-oxidase of the heart muscle. Gvozdjáková A, et al. **Cor Vasa** 1984; 26(6):466-8

Cytochrome c oxidase in plant mitochondria. Electron transfer after flash photolysis at low temperature of the CO-bound half-reduced complex. Denis M, et al. **Eur J Biochem** 1985 Mar 15;147(3):533-9

Independent lateral diffusion of cytochrome bc1 complex and cytochrome oxidase in the mitochondrial inner membrane. Höchli M, et al. **Eur J Cell Biol** 1985 Jul;38(1):1-5

Horseradish peroxidase cross-reacts during cytochrome oxidase histochemistry. Price D, et al. **Exp Brain Res** 1985; 58(1):206-7

Patterns of cytochrome oxidase activity in areas 17, 18 and 19 of the visual cortex of cats and kittens. Price DJ. **Exp Brain Res** 1985;58(1):125-33

Histochemical assessment of cytochrome oxidase activity for monitoring ischemic muscle injury. Millis RM, et al. **Exp Neurol** 1985 May;88(2):265-76

Interaction of BW755C, a potent inhibitor of lipoxygenase and cyclo-oxygenase, with mitochondrial cytochrome oxidase. Kawai K, et al. **Experientia** 1985 Apr 15; 41(4):490-2

The reduction of cytochrome c oxidase by carbon monoxide. Brzezinski P, et al. **FEBS Lett** 1985 Jul 22;187(1):111-4

Chemiosmotic coupling in cytochrome oxidase. Possible protonmotive O loop and O cycle mechanisms. Mitchell P, et al. **FEBS Lett** 1985 Aug 19;188(1):1-7 (45 ref.)

Thermodynamic limits to the stoichiometry of H+ pumping by mitochondrial cytochrome oxidase. Murphy MP, et al. **FEBS Lett** 1985 Jul 22;187(1):16-20

Charge interactions of cytochrome c with cytochrome c oxidase. Mitovska MI, et al. **Int J Biochem** 1984; 16(10):1059-64

Cyanine and safranine dyes as membrane potential probes in cytochrome c oxidase reconstituted proteoliposomes. Singh AP, et al. **J Biochem Biophys Methods** 1985 Aug; 11(2-3):95-108

Activation studies by phospholipids on the purified cytochrome c4:o oxidase of Azotobacter vinelandii. Wong TY, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):477-89

Kinetics of reduction of cytochrome c oxidase by dithionite and the effect of hydrogen peroxide. Brunori M, et al. **J Biol Chem** 1985 Jun 25;260(12):7165-7

Metal site cooperativity within cytochrome oxidase. Goodman G. **J Biol Chem** 1984 Dec 25;259(24):15094-9

Peroxide interaction with pulsed cytochrome oxidase. Optical and EPR studies. Kumar C, et al. **J Biol Chem** 1984 Oct 10;259(19):11668-71

Proton translocation by a native and subunit III-depleted cytochrome c oxidase reconstituted into phospholipid vesicles. Use of fluorescein-phosphatidylethanolamine as an intravesicular pH indicator. Thelen M, et al. **J Biol Chem** 1985 Mar 25;260(6):3626-31

Resonance Raman study of cytochrome b562-o complex, a terminal oxidase of Escherichia coli in its ferric, ferrous, and CO-ligated states. Uno T, et al. **J Biol Chem** 1985 Jun 10;260(11):6755-60

Immunocytochemical demonstration of cytochrome c oxidase with an immunoperoxidase method: a specific stain for mitochondria in formalin-fixed and paraffin-embedded human tissues. Bedetti CD. **J Histochem Cytochem** 1985 May;33(5):446-52

Pulsed cytochrome c oxidase. Antonini G, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):289-93

Molecular properties of reconstituted cytochrome c oxidase: new evidence supports vectorial proton translocation. Azzi A, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):341-7

The stoichiometry of H+ pumping in cytochrome oxidase and the mechanism of uncoupling. Azzone GF, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):349-56

Flow-flash, time-resolved resonance Raman spectroscopy of the oxidation of reduced and of mixed valence cytochrome oxidase by dioxygen. Babcock GT, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):243-51

A stopped-flow study of the reaction of reduced cytochrome oxidase with oxygen. Balny C, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):253-8

Functional equivalence of monomeric (shark) and dimeric (bovine) cytochrome c oxidase. Bickar D, et al.

J Inorg Biochem 1985 Mar-Apr;23(3-4):365-72

Stopped-flow studies of cytochrome oxidase reconstituted into liposomes: proton pumping and control of activity. Brunori M, et al. **J Inorg Biochem** 1985 Mar-Apr; 23(3-4):373-9

Evidence for a photoactivation of CO rebinding to fully reduced cytochrome c oxidase after low-temperature flash photolysis. Denis M, et al. **J Inorg Biochem** 1985 Mar-Apr; 23(3-4):259-62

Action of DCCD on the H+/O stoichiometry of mitoplast cytochrome c oxidase. Lehninger AL, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):335-40

The steady-state rate equation for cytochrome c oxidase based on a minimal kinetic scheme. Malmström BG, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):233-42

The reactivity of pulsed cytochrome c oxidase toward carbon monoxide. Morgan JE, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):295-302

Exclusive CO binding to cytochrome oxidase. Orii Y. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):263-71

Characteristics and nature of redox-linked proton transfer reactions in cytochrome c oxidase of mitochondria. Papa S, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):317-25 (42 ref.)

Multiple structures and functions of cytochrome oxidase. Powers L, et al. **J Inorg Biochem** 1985 Mar-Apr; 23(3-4):207-17

Diphosphatidylglycerol reactivation of lipid-depleted beef heart cytochrome c oxidase: effect of subunit III removal. Robinson NC, et al. **J Inorg Biochem** 1985 Mar-Apr; 23(3-4):171-6

Effect of cyanide binding on the copper sites of cytochrome c oxidase: an X-ray absorption spectroscopic study. Scott RA, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):199-205

Cytochrome c oxidase depleted of subunit III: proton-pumping, respiratory control, and pH dependence of the midpoint potential of cytochrome a. Thompson DA, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):357-64

The structure of the cytochrome a3-CuB site of mammalian cytochrome c oxidase as probed by MCD and EPR spectroscopy. Thomson AJ, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):187-97

The photoreactivity of the copper-NO complexes in cytochrome c oxidase and in other copper-containing proteins. Wever R, et al. **J Inorg Biochem** 1985 Mar-Apr; 23(3-4):227-32

What is the essential proton-translocating molecular machinery in cytochrome oxidase? Wikström M, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):327-34 (28 ref.)

A comparative survey of several bacterial aa3-type cytochrome c oxidases. Yamanaka T, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):273-7

Interactions involving the cyanine dye, diS-C3-(5), cytochrome c and liposomes and their implications for estimations of delta psi in cytochrome c oxidase-reconstituted proteoliposomes. Singh AP, et al. **J Membr Biol** 1985;84(2):183-90

The histochemical localization of cytochrome oxidase in the retina and lateral geniculate nucleus of the ferret, cat, and monkey, with particular reference to retinal mosaics and ON/OFF-center visual channels. Kageyama GH, et al. **J Neurosci** 1984 Oct;4(10):2445-59

Adenylate energy charge and cytochrome a (+a3) in the cirrhotic rat liver. Jikko A, et al. **J Surg Res** 1984 Nov; 37(5):361-8

Changes in cytochrome oxidase activity of the rabbit olfactory cortex following unilateral olfactory bulbectomy. Onoda N, et al. **Jpn J Physiol** 1984;34(5):933-7

Energy metabolism and in vivo cytochrome c oxidase redox relationships in hypoxic rat brain. Sylvia AL, et al. **Neurol Res** 1985 Jun;7(2):81-8

Localization of aspartate aminotransferase and cytochrome oxidase in the cat retina. Bolz J, et al. **Neurosci Lett** 1985 Feb 4;53(3):315-20

Direct measurement of the electrogenic activity of o-type cytochrome oxidase from Escherichia coli reconstituted into planar lipid bilayers. Hamamoto T, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2570-3

Kinetics of redox-linked proton pumping activity of native and subunit III-depleted cytochrome c oxidase: a stopped-flow investigation. Sarti P, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4876-80

[Reaction of oxidized cytochrome oxidase with cyanide. Effects of pH, cytochrome c and membrane environment] Andreev IM, et al. **Bioorg Khim** 1983 Feb;9(2):216-27 (Eng. Abstr.) **(Rus)**

[Effect of tuftsin, a neuropeptide and its derivatives on the content of nicotinamide coenzymes and the activity of cytochrome- c-oxidase of brain tissue] Begam R. **Ukr Biokhim Zh** 1985 Mar-Apr;57(2):82-4 (Eng. Abstr.) **(Rus)**

[Effect of freezing and thawing on the structure and function of cytochrome oxidase] Rozanova ED, et al. **Ukr Biokhim Zh** 1985 Jan-Feb;57(1):61-4 (Eng. Abstr.) **(Rus)**

[Innate forms of behavior and energy metabolism in the brain of the rat after phenazepam administration in the presence of inescapable painful stimulation] Khonicheva NM, et al. **Zh Vyssh Nerv Deiat** 1985 Jan-Feb;35(1):155-63 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

The cleavable prepiece of an imported mitochondrial protein is sufficient to direct cytosolic dihydrofolate reductase into the mitochondrial matrix. Hurt EC, et al. **FEBS Lett** 1984 Dec 10;178(2):306-10

Interactions in cytochrome oxidase: functions and structure. Freedman JA, et al. **J Bioenerg Biomembr** 1984 Apr; 16(2):75-100 (225 ref.)

Quantization of membrane potential generation by cytochrome c oxidase in small vesicles. Wrigglesworth JM. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):311-6

[Regulation of cytochrome oxidase activity] Machoy Z. **Postepy Biochem** 1984;30(3-4):231-50 (120 ref.) **(Pol)**

RADIATION EFFECTS

Resonance Raman spectroscopy and enhanced photoreducibility for the 420 nm pulsed form of cytochrome oxidase. Copeland RA, et al. **FEBS Lett** 1985 Mar 25;182(2):375-9

CYTOCHROME P-450

Evidence for lipid involvement in the high-affinity interaction between cimetidine and rat liver cytochrome P-450. Ioannoni B, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):81-7

Properties of the tryptophan residue in rabbit liver microsomal cytochrome P-450 isozyme 2 as determined by fluorescence. Inouye K, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):676-82

Fluorescence energy transfer measurements of the complexes of aflatoxin B1 and cytochromes P-450. Omata Y, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):493-8

Spin state studies on cytochrome P-450 in liver microsomes from obese and diabetic animals. Rouer E, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):615-21

Lipid peroxidation decreases the rotational mobility of cytochrome P-450 in rat liver microsomes. Gut J, et al. **Biochim Biophys Acta** 1985 Jul 25;817(2):217-28

Resonance Raman detection of a v(Fe-CO) stretching frequency in cytochrome P-450scc from bovine adrenocortical mitochondria. Tsubaki M, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):268-74

Chemical modification of adrenocortical cytochrome P-450scc with tetranitromethane. Usanov SA, et al. **Biochim Biophys Acta** 1984 Nov 9;790(3):259-67

Kinetic studies on reduction of cytochromes P-450 and b5 by dithionite. Davydov DR, et al. **Eur J Biochem** 1985 Jul 1;150(1):155-9

Hemoprotein H-450 identified as a form of cytochrome P-450 having an endogenous ligand at the 6th coordination position of the heme. Omura T, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1491-500

Cytochrome P-450scc-adrenodoxin interactions. Ionic effects on binding, and regulation of cytochrome reduction by bound steroid substrates. Lambeth JD, et al. **J Biol Chem** 1985 Jul 25;260(15):8810-6

ANALYSIS

Effects of chlorinated paraffins on liver weight, cytochrome P-450 concentration and microsomal enzyme activities in chick embryos. Brunström B. **Arch Toxicol** 1985 Apr; 57(1):69-71

Spectral properties of substrate-cytochrome P-450 interaction and catalytic activity of xenobiotic metabolizing enzymes in isolated rainbow trout liver cells. Andersson T, et al. **Biochem Pharmacol** 1985 May 1;34(9):1407-13

Xenobiotic imprinting of hepatic metabolic enzyme systems: effect of neonatal 3-methylcholanthrene administration. Bagley DM, et al. **Biochem Pharmacol** 1985 Jul 15; 34(14):2569-73

The concentration of cytochrome P-450 in human hepatocyte culture. Blaauboer BJ, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2405-8

Age and sex associated differences in the relative abundance of multiple species of cytochrome P-450 in rat liver microsomes. A separation by HPLC of hepatic microsomal cytochrome P-450 species. Fujita S, et al. **Biochem Pharmacol** 1985 May 15;34(10):1861-4

Maintenance of cytochrome P-450 in cultured adult human hepatocytes. Guillouzo A, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2991-5

Relation between hepatic microsomal metabolism of N-nitrosamines and cytochrome P-450 species. Kawanishi T, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):919-24

The interaction between two forms of cytochrome P-450 during drug oxidation in the reconstituted system containing limited amount of NADPH-cytochrome P-450 reductase. Kitada M, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):3971-6

Structural and functional assembly of rat intestinal cytochrome P-450 isozymes. Effects of dietary iron and selenium. Pascoe GA, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):599-608

Cross-linking studies of adrenocortical cytochrome P-450scc. Evidence for a covalent complex with adrenodoxin and localization of the adrenodoxin-binding domain. Chashchin VL, et al. **Biochim Biophys Acta** 1985 Apr 29;828(3):313-24

Chemical modification of tyrosine residues at the active centre of cytochrome P-450 CAM. Jänig GR, et al. **Biomed Biochim Acta** 1984;43(11):K17-24

Identification of lysine (384) in cytochrome P-450 LM2 as functionally linked residue. Makower A, et al. **Biomed Biochim Acta** 1984;43(12):1333-41

A human cytochrome P-450 characterized by inhibition studies as the sparteine-debrisoquine monooxygenase. Inaba T, et al. **Can J Physiol Pharmacol** 1984 Jul; 62(7):860-2

Localization of a cytochrome P-450 isozyme (cytochrome P-450 PB-B) and NADPH-cytochrome P-450 reductase in rat nasal mucosa. Voigt JM, et al. **Cancer Lett** 1985 Jul; 27(3):241-7

Immunohistochemical localization of cytochrome P-450 and reduced nicotinamide adenine dinucleotide phosphate:cytochrome P-450 reductase in the rat ventral prostate. Haaparanta T, et al. **Cancer Res** 1985 Mar; 45(3):1259-62

Metabolism of benzo(a)pyrene by subcellular fractions of rat liver: evidence for similar patterns of cytochrome P-450 in rough and smooth endoplasmic reticulum but not in nuclei and plasma membrane. Oesch F, et al. **Cancer Res** 1985 Oct;45(10):4838-43

Substrate specificity of human liver cytochrome P-450 debrisoquine 4-hydroxylase probed using immunochemical inhibition and chemical modeling. Wolff T, et al. **Cancer Res** 1985 May;45(5):2116-22

Hepatic mixed function oxidases and cytochrome P-450 contents in rat pups exposed to di-(2-ethylhexyl)phthalate through mother's milk. Parmar D, et al. **Drug Metab Dispos** 1985 May-Jun;13(3):368-70

Immunoquantification of epoxide hydrolase and cytochrome P-450 isozymes in fetal and adult human liver microsomes. Cresteil T, et al. **Eur J Biochem** 1985 Sep 2;151(2):345-50

Cytochrome P450 of small intestinal epithelial cells. Immunochemical characterization of the increase in cytochrome P450 caused by phenobarbital. Bonkovsky HL, et al. **Gastroenterology** 1985 Feb;88(2):458-67

Hepatic heme metabolism and cytochrome P450 in cirrhotic rat liver. Farrell GC, et al. **Gastroenterology** 1985 Jul; 89(1):172-9

Dimethylnitrosamine genotoxicity in rat liver primary cell cultures with low cytochrome P-450 levels. Mendoza-Figueroa T. **J Appl Toxicol** 1984 Dec; 4(6):297-303

Spectral similarities between 'H-450' and cytochrome P-450. Hasegawa T, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):265-8

The complete amino acid sequence of a constitutive form of liver microsomal cytochrome P-450. Ozols J, et al. **J Biol Chem** 1985 May 10;260(9):5427-34

Chronic inhalation of diesel exhaust and coal dust: effect of age and exposure on selected enzyme activities associated with microsomal cytochrome P-450 in rat lung and liver. Rabovsky J, et al. **J Toxicol Environ Health** 1984; 14(5-6):655-66

Major differences in the specificity and regulation of mouse renal cytochrome P-450-dependent monooxygenases. A comparison of xenobiotic and endogenous substrates. Hawke RL, et al. **Mol Pharmacol** 1985 Sep;28(3):283-9

Alterations in hepatic microsomal drug metabolism and cytochrome P-450 proteins in spontaneously hypertensive rats. Merrick BA, et al. **Pharmacology** 1985;30(3):129-35

Monoclonal antibody-directed radioimmunoassay detects cytochrome P-450 in human placenta and lymphocytes. Song BJ, et al. **Science** 1985 Apr 26;228(4698):490-2

Microsomal cytochrome P-450 'handprints': five fractions from anion-exchange high-pressure liquid chromatography provide a rapid preliminary screen for selectivity in the induction and destruction of rat hepatic cytochrome P-450 subpopulations. Iversen PL, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):1-9

[Effect of molybdenum on the activity of cytochrome P-450 and demethylase in the liver of rats] Lu SX. **Chung Hua Chung Liu Tsa Chih** 1984 Jul;6(4):257-9 (Eng. Abstr.) **(Chi)**

[Molecular biology methods for the study of the cytochrome P-450 system and its potential applications] Bernhardt R. **Pharmazie** 1985 Apr;40(4):240-5 (100 ref.) **(Ger)**

[Quantification of the drug-metabolizing enzyme system in liver diseases: a comparison between antipyrine saliva clearance and the aminopyrine breath test] von Mandach U, et al. **Schweiz Med Wochenschr** 1985 May 11; 115(19):651-8 (Eng. Abstr.) **(Ger)**

[Localization of the adrenodoxin-binding fragment of cholesterol hydroxylating cytochrome P-450 from adrenal cortex mitochondria] Chashchin VL, et al. **Bioorg Khim** 1985 Jan;11(1):135-7 (Eng. Abstr.) **(Rus)**

[Primary structure of 20S,22R-cholesterol-hydroxylating cytochrome P-450 from bovine adrenal cortex mitochondria. Study of the structure of peptides obtained by hydrolysis of fragment F1 with proteinase from Staphylococcus aureus] Chashchin VL, et al. **Bioorg Khim** 1985 Apr;11(4):455-70 (Eng. Abstr.) **(Rus)**

[Ascorbic acid supply and cytochrome P-450 levels in guinea pig liver after dimethylformamide poisoning] Leshik IaD, et al. **Vopr Pitan** 1984 Sep-Oct;(5):65-7 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Ethanol-inducible cytochrome P-450 is more susceptible to in vitro carbon tetrachloride-mediated destruction than phenobarbital-inducible and beta-naphthoflavone-inducible cytochromes P-450.

Gadeholt G. **Acta Pharmacol Toxicol (Copenh)** 1984 Sep; 55(3):216–23

Inhibition of cytochrome P–450 activity in rat liver microsomes by the naturally occurring flavonoid, quercetin. Sousa RL, et al. **Arch Biochem Biophys** 1985 Jul;240(1):345–57

Induction of xanthine oxidase and depression of cytochrome P–450 by interferon inducers: genetic difference in the responses of mice. Deloria L, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):109–14

Differential haemin–mediated restoration of cytochrome P–450 N–demethylases after inactivation by allylisopropylacetamide. Bornheim LM, et al. **Biochem J** 1985 Apr 1;227(1):277–86

Inhibition of rabbit nasal and hepatic cytochrome P–450–dependent hexamethylphosphoramide (HMPA) N–demethylase by methylenedioxyphenyl compounds. Dahl AR, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):631–6

In vitro effects of quinoline derivatives on cytochrome P–450 and aminopyrine N–demethylase activity in rat hepatic microsomes. Murray M. **Biochem Pharmacol** 1984 Oct 15; 33(20):3277–81

Role of reactive oxygen intermediates in the interferon–mediated depression of hepatic drug metabolism and protective effect of N–acetylcysteine in mice. Ghezzi P, et al. **Cancer Res** 1985 Aug;45(8):3444–7

Inhibition of rat hepatic mixed function oxidases by antimalarial drugs: selectivity for cytochromes P–450 and P–448. Thabrew MI, et al. **Chem Biol Interact** 1984 Oct; 51(3):285–94

In vitro inhibition studies of two isozymes of human liver cytochrome P–450. Mephenytoin p–hydroxylase and sparteine monooxygenase. Inaba T, et al. **Drug Metab Dispos** 1985 Jul–Aug;13(4):443–8

Ketoconazole: a potent inhibitor of cytochrome P–450–dependent drug metabolism in rat liver. Sheets JJ, et al. **Drug Metab Dispos** 1984 Sep–Oct;12(5):603–6

Inactivation of cytochrome P–450 and monoamine oxidase by cyclopropylamines. Tullman RH, et al. **Drug Metab Rev** 1984;15(5–6):1163–82 (47 ref.)

On the mechanism of the inactivation of the major phenobarbital–inducible isozyme of rat liver cytochrome P–450 by chloramphenicol. Halpert JR, et al. **J Biol Chem** 1985 Jul 15;260(14):8397–403

Effect of P–450scc inhibitors on corticosterone production by rat adrenal cells. Krueger RJ, et al. **J Biol Chem** 1985 Jan 25;260(2):852–9

Competitive inhibition of cytochrome P–450scc by (22R)– and (22S)–22–aminocholesterol. Side–chain stereochemical requirements for C–22 amine coordination to the active–site heme. Nagahisa A, et al. **J Biol Chem** 1985 Jan 25; 260(2):846–51

Selective inhibition by chloramphenicol of cytochrome P–450 isozymes in rat lung and liver involved in the hydroxylation of n–hexane. Näslund BM, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):16–22

Adrenal cortical 11 beta–hydroxylase and side–chain cleavage enzymes. Requirement for the A– or B–pyridyl ring in metyrapone for inhibition. Tobes MC, et al. **J Steroid Biochem** 1985 Jan;22(1):103–10

Isozyme selectivity of the inhibition of rat liver cytochromes P–450 by chloramphenicol in vivo. Halpert J, et al. **Mol Pharmacol** 1985 Sep;28(3):290–6

The interactions of hydrazine derivatives with rat–hepatic cytochrome P–450. Moloney SJ, et al. **Xenobiotica** 1984 Oct;14(10):803–14

[The effect of ketoconazole and some other inhibitors of steroidogenesis on P–450 11 beta–catalyzed reactions] Nagai K, et al. **Nippon Naibunpi Gakkai Zasshi** 1985 Feb 20;61(2):90–6 (Eng. Abstr.) **(Jpn)**

[Steroid 17 alpha–hydroxylase–C17,20 lyase (cytochrome P–450) from porcine adrenocortical microsomes: inhibition of lyase activity by progesterone and inhibition of hydroxylase activity by 17 alpha–hydroxyprogesterone] Nakajin S, et al. **Yakugaku Zasshi** 1985 Jan;105(1):83–5 (Eng. Abstr.) **(Jpn)**

[Effect of hydrocortisone on the liver cytochrome P–450 system and the intensity of food anaphylaxis in guinea pigs] Marokko IN, et al. **Biull Eksp Biol Med** 1984 Dec; 98(12):713–5 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Ethanol–induced increase in NADH–dependent monooxygenase activities of hepatic microsomal cytochrome P–450. Gadeholt G, et al. **Alcohol** 1984 Mar–Apr;1(2):119–24

Regulation of the synthesis of cholesterol side–chain cleavage cytochrome P–450 and adrenodoxin in rat Leydig cells in culture. Anderson CM, et al. **Ann NY Acad Sci** 1984; 438:259–68

Regulation of steroidogenesis in rat Leydig cells in culture: effect of human chorionic gonadotropin and dibutyryl cyclic AMP on the synthesis of cholesterol side chain cleavage cytochrome P–450 and adrenodoxin. Anderson CM, et al. **Arch Biochem Biophys** 1985 May 1;238(2):378–87

Dealkylation of pentoxyresorufin: a rapid and sensitive assay for measuring induction of cytochrome(s) P–450 by phenobarbital and other xenobiotics in the rat. Lubet RA, et al. **Arch Biochem Biophys** 1985 Apr;238(1):43–8

The cytochrome P450–containing monooxygenase of Trichosporon cutaneum: occurrence and properties. Laurila H, et al. **Arch Microbiol** 1984 Dec;140(2–3):257–9

Induction of cytochrome P–450 isozymes in liver microsomes of rats treated with the cardiotonic agent sulmazole. Müller–Enoch D, et al. **Arzneimittelforschung** 1985; 35(4):698–703

Microsomal protein synthesis and induction of cytochrome P–450 in cirrhotic rat liver. Farrell GC, et al. **Aust J Exp Biol Med Sci** 1984 Jun;62 (Pt 3):291–301

Identification of the forms of cytochrome P–450 induced in rat liver by 2–acetylaminofluorene using immunoblotting and partial purification. Aström A, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):578–85

Induction of the ethanol–inducible form of rabbit liver microsomal cytochrome P–450 by inhibitors of alcohol dehydrogenase. Ingelman–Sundberg M, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):375–82

Evidence that 2–allyl–2–isopropylacetamide and phenobarbital induce the same cytochrome P–450 in cultured chick embryo hepatocytes. Oron L, et al. **Biochem Biophys Res Commun** 1984 Dec 28; 125(3):1096–102

Some erythromycin derivatives are strong inducers in rats of a cytochrome P–450 very similar to that induced by 16 alpha–pregnenolone carbonitrile. Sartori E, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1434–9

Immunochemical studies on the metabolism of nitrosamines by ethanol–inducible cytochrome P–450. Yang CS, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):1007–13

Triacetyloleandomycin as inducer of cytochrome P–450 LM3c from rabbit liver microsomes. Bonfils C, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2445–50

Ethoxy–, pentoxy– and benzyloxyphenoxazones and homologues: a series of substrates to distinguish between different induced cytochromes P–450. Burke MD, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3337–45

Hexachlorobenzene–induced porphyria in Japanese quail. Effect of pretreatment with phenobarbital or beta–naphthoflavone. Carpenter HM, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3875–81

Amelioration of cyclosporin–induced nephrotoxicity in rats by induction of hepatic drug metabolism. Cunningham C, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):573–8

A study into the effects of 2–acetylaminofluorene on hepatic monooxygenase activities in the chick embryo. Darby NJ, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2669–74

Ethanol and isoniazid induce a hepatic microsomal cytochrome P–450–dependent activity with similar properties towards substrate and inhibitors and different properties from those induced by classical inducers. Gadeholt G. **Biochem Pharmacol** 1984 Oct 1;33(19):3047–51

Induction of liver cytochrome P–450 in mice by warfarin. Comparison of warfarin–, phenobarbitone–, and cobalt–induced hepatic microsomal protein patterns by PAGE after partial purification on octyl–sepharose CL–4B. Kling L, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):85–91

Induction of cytochrome P–450 by phenobarbital is mediated at the level of transcription. Pike SF, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2489–94

Relationship between the antiviral effects of interferons and their abilities to depress cytochrome P–450. Renton KW, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3899–902

Altered induction response of hepatic cytochrome P–450 to phenobarbital, 3–methylcholanthrene, and beta–naphthoflavone in organotin–treated animals. Rosenberg DW, et al. **Biochem Pharmacol** 1985 Apr 1; 34(7):997–1005

Folding of ribonuclease A from a partially disordered conformation. Kinetic study under transition conditions. Lynn RM, et al. **Biochemistry** 1984 May 22;23(11):2470–7

Identification of the cytochrome P–450 induced by macrolide antibiotics in rat liver as the glucocorticoid responsive cytochrome P–450p. Wrighton SA, et al. **Biochemistry** 1985 Apr 23;24(9):2171–8

Effect of glucose on induction of delta–aminolevulinic acid synthase, ferrochelatase and cytochrome P–450 hemoproteins in isolated rat hepatocytes by phenobarbital and lead. Cánepa ET, et al. **Biochim Biophys Acta** 1985 Aug 16;841(2):186–94

Immunological evidence for phenobarbital–stimulated synthesis of cytochrome P–450 in primary cultures of chick embryo hepatocytes. Oron L, et al. **Biochim Biophys Acta** 1984 Nov 13;805(3):291–9

Sex–dependent induction of hepatic enzymes for mutagenic activation of a tryptophan pyrolysate component, 3–amino–1,4–dimethyl–5H–pyrido[4,3–b]–indole, by feeding in mice. Degawa M, et al. **Cancer Res** 1985 Jan; 45(1):96–102

Induction of hepatic microsomal drug metabolism by azo compounds: a structure–activity relationship. Fujita S, et al. **Chem Biol Interact** 1984 Nov;52(1):15–37

Dietary fat and 3–MC induction of hepatic nuclear and microsomal cytochrome P–450. Cheng KC, et al. **Drug Nutr Interact** 1981;1(1):63–74

Induction of cytochrome P–450b,e–type isozymes by polychlorinated biphenyls in rat liver. Molecular cloning of induced mRNAs. Scholte BJ, et al. **Eur J Biochem** 1985 Aug 15;151(1):67–73

Induction of drug metabolizing enzymes in human liver cell line Hep G2. Dawson JR, et al. **FEBS Lett** 1985 Apr 22; 183(2):219–22

Catalytic activity of the membrane–bound methylcholanthrene–inducible cytochrome P–450. Grishanova AYu, et al. **FEBS Lett** 1985 Jan 1;179(1):74–6

Carbon tetrachloride–induced lipid peroxidation dependent on an ethanol–inducible form of rabbit liver microsomal cytochrome P–450. Johansson I, et al. **FEBS Lett** 1985 Apr 22;183(2):265–9

Phenobarbital induction of rat liver cytochromes P–450b and P–450e. Quantitation of specific RNAs by hybridization to synthetic oligodeoxyribonucleotide probes. Omiecinski CJ, et al. **J Biol Chem** 1985 Mar 25;260(6):3247–50

Characterization of a major form of rat hepatic microsomal cytochrome P–450 induced by isoniazid. Ryan DE, et al. **J Biol Chem** 1985 May 25;260(10):6385–93

Rat hepatic cytochrome P–450 isoenzyme 2c. Identification as a male–specific, developmentally induced steroid 16 alpha–hydroxylase and comparison to a female–specific cytochrome P–450 isoenzyme. Waxman DJ. **J Biol Chem** 1984 Dec 25;259(24):15481–90

Effects of adrenocorticotropin on 17 alpha–hydroxylase activity and cytochrome P–450(17 alpha) synthesis in bovine adrenocortical cells. Zuber MX, et al. **J Biol Chem** 1985 Feb 10;260(3):1842–8

Regulation of the biosynthesis of cytochromes P–450 involved in steroid hormone synthesis. Waterman MR, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):81–9 (65 ref.)

Dose response for induction of two cytochrome P–450 isozymes and their mRNAs by 3,4,5,3'4'5'–hexachlorobiphenyl indicating coordinate regulation in rat liver. Hardwick JP, et al. **Mol Pharmacol** 1985 Jun;27(6):676–82

Demonstration in multiple species of inducible hepatic cytochromes P–450 and their mRNAs related to the glucocorticoid–inducible cytochrome P–450 of the rat. Wrighton SA, et al. **Mol Pharmacol** 1985 Sep;28(3):312–21

Pulmonary cytochromes P–450 from rabbits treated with phenobarbital. Ueng TH, et al. **Pharmacology** 1985; 31(1):40–9

Immunochemical evidence for induction of the alcohol–oxidizing cytochrome P–450 of rabbit liver microsomes by diverse agents: ethanol, imidazole, trichloroethylene, acetone, pyrazole, and isoniazid. Koop DR, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4065–9

Species differences in phenytoin induction of cytochrome P450 due to pharmacokinetic differences. Billings RE, et al. **Proc West Pharmacol Soc** 1984;27:539–42

The comparative potency of phenobarbital and five 1,3–propanediol dicarbamates for hepatic cytochrome P450 induction in rats. Segelman FH, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jun; 48(3):467–70

Role of 3,5–dichlorophenyl methyl sulfone, a metabolite of m–dichlorobenzene, in the induction of hepatic microsomal drug–metabolizing enzymes by m–dichlorobenzene in rats. Kimura R, et al. **Toxicol Appl Pharmacol** 1985 Apr; 78(2):300–9

Cytochrome P–450 and monooxygenase activity in hepatic microsomes from N–phenylimidazole–treated rats. Murray M, et al. **Toxicol Lett** 1985 May;25(2):191–8

Foetal and neonatal development of cytochrome P–450 and cytochrome P–448 catalysed mixed function oxidases in the rat: induction by 3–methylcholanthrene. Lum PY, et al. **Toxicology** 1985 Jun 28;35(4):307–17

Synthesis of cytochrome P–450 in isolated liver cells during exposure to hyperoxia. Rowe HA, et al. **Undersea Biomed Res** 1984 Jun;11(2):185–92

[The induction of microsomal cytochrome P–450 and its medical consequences] Pfeil D, et al. **Pharmazie** 1985 Apr; 40(4):217–21 (90 ref.) **(Ger)**

[Immunomorphological study of cytochrome P–450PB induction in the liver of rat embryos and pregnant females after phenobarbital administration] Popova NV, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):366–8 (Eng. Abstr.) **(Rus)**

[Cytochrome P–450 induction in the liver of rats exposed to polychlorinated biphenyls] Lashneva NV, et al. **Farmakol Toksikol** 1984 Nov–Dec;47(6):77–80 (Eng. Abstr.) **(Rus)**

[Immunological study of the identity of cytochrome P–448 in the mouse and rat liver after induction with 3–methylcholanthrene] Mishin VM, et al. **Vopr Med Khim** 1984 Sep–Oct;30(5):98–102 (Eng. Abstr.) **(Rus)**

[Hexachlorobenzene induction of 2 forms of cytochrome P–450 in the rat liver microsome] Mishin VM, et al. **Vopr Med Khim** 1985 Mar–Apr;31(2):68–72 (Eng. Abstr.) **(Rus)**

BLOOD

Conversion of arachidonic acid to two novel products by a cytochrome P450–dependent mixed–function oxidase in polymorphonuclear leukocytes. Bednar MM, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):581–8

Carbon monoxide inhibits omega–oxidation of leukotriene B4 by human polymorphonuclear leukocytes: evidence that catabolism of leukotriene B4 is mediated by a cytochrome P–450 enzyme. Shak S, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):475–81

DEFICIENCY

HLA–linked congenital adrenal hyperplasia results from a defective gene encoding a cytochrome P–450 specific for steroid 21–hydroxylation. White PC, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7505–9

DIAGNOSTIC USE

Application of cytochrome P–450 in enzyme reactors and enzyme electrodes. Schubert F, et al. **Pharmazie** 1985 Apr; 40(4):235–9 (63 ref.)

GENETICS

Oxidation phenotyping in alcoholics with liver disease of varying severity. Lanthier PL, et al. **Alcoholism (NY)** 1984 Sep–Oct;8(5):435–41

3–Methylcholanthrene–induced expression of the cytochrome P–450c gene. Foldes RL, et al. **Arch Biochem Biophys** 1985 May 15;239(1):137–46

Gene structure and nucleotide sequence for rat cytochrome P–450c. Hines RN, et al. **Arch Biochem Biophys** 1985 Mar; 237(2):465–76

Peptide alignment of the porcine 21–hydroxylase cytochrome P–450 using a cDNA sequence of the corresponding bovine enzyme. Bienkowski MJ, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):734–40

Characterization of a common genetic defect of cytochrome P–450 function (debrisoquine–sparteine type polymorphism)––increased Michaelis is Constant (Km) and loss of stereoselectivity of bufuralol 1'–hydroxylation in poor metabolizers. Dayer P, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):374–80

Regional linkage analysis of the dioxin–inducible P–450 gene family on mouse chromosome 9. Hildebrand CE, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):396–406

P450cam gene cloning and expression in Pseudomonas putida and Escherichia coli. Koga H, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):412–7

Natural variation in the expression of cytochrome P–450 and dimethylnitrosamine demethylase in Drosophila. Waters LC, et al. **Biochem Biophys Res Commun** 1984 Sep 28; 123(3):907–13

Regulation of mouse cytochrome P3–450 by the Ah receptor. Studies with a P3–450 cDNA clone. Tukey RH, et al. **Biochemistry** 1984 Dec 4;23(25):6003–8

Cloning and characterization of the bovine gene for steroid 21–hydroxylase (P–450c21). Chung BC, et al. **DNA** 1985 Jun;4(3):211–9

Expression of rat liver cytochrome P–450MC cDNA in Saccharomyces cerevisiae. Oeda K, et al. **DNA** 1985 Jun; 4(3):203–10

Identification and quantification of a messenger ribonucleic acid induced by polynuclear aromatic hydrocarbons––using a cloned human cytochrome P–450 gene. Kato T, et al. **Eur J Biochem** 1985 Sep 16;151(3):489–95

Isolation and characterization of full–length mouse cDNA and genomic clones of 3–methylcholanthrene–inducible cytochrome P1–450 and P3–450. Gonzalez FJ, et al. **Gene** 1984 Sep;29(3):281–92

Characterization of complementary DNA clones coding for two forms of 3–methylcholanthrene–inducible rat liver cytochrome P–450. Yabusaki Y, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):793–804

Comparison of the flanking regions and introns of the mouse 2,3,7,8–tetrachlorodibenzo–p–dioxin–inducible cytochrome P1–450 and P3–450 genes. Gonzalez FJ, et al. **J Biol Chem** 1985 Apr 25;260(8):5040–9

Complete cDNA and protein sequence of a pregnenolone 16 alpha–carbonitrile–induced cytochrome P–450. A representative of a new gene family. Gonzalez FJ, et al. **J Biol Chem** 1985 Jun 25;260(12):7435–41

Mutations affecting the regulation of transcription of the cytochrome P1–450 gene in the mouse Hepa–1 cell line. Hankinson O, et al. **J Biol Chem** 1985 Feb 10;260(3):1790–5

Superinduction of cytochrome P1–450 gene transcription by inhibition of protein synthesis in wild type and variant mouse hepatoma cells. Israel DI, et al. **J Biol Chem** 1985 May 10;260(9):5648–53

Regulation of cytochrome P–45011 beta gene expression by adrenocorticotropin. John ME, et al. **J Biol Chem** 1985 May 10;260(9):5760–7

Biochemical and genetic analysis of variant mouse hepatoma cells which overtranscribe the cytochrome P1–450 gene in response to 2,3,7,8–tetrachlorodibenzo–p–dioxin. Jones PB, et al. **J Biol Chem** 1984 Oct 25;259(20):12357–63

Regulation of cytochrome P–450 gene expression. Studies with a cloned probe. Ravishankar H, et al. **J Biol Chem** 1985 Feb 10;260(3):1588–92

Chromosomal assignments of genes coding for components of the mixed–function oxidase system in mice. Genetic localization of the cytochrome P–450PCN and P–450PB gene families and the nadph–cytochrome P–450 oxidoreductase and epoxide hydratase genes. Simmons DL, et al. **J Biol Chem** 1985 Jan 10;260(1):515–21

Complete nucleotide sequence of a methylcholanthrene–inducible cytochrome P–450 (P–450d) gene in the rat. Sogawa K, et al. **J Biol Chem** 1985 Apr 25;260(8):5026–32

Gene structure of a major form of phenobarbital–inducible cytochrome P–450 in rat liver. Suwa Y, et al. **J Biol Chem** 1985 Jul 5;260(13):7980–4

Transfection by genomic DNA of cytochrome P1–450 enzymatic activity and inducibility. Montisano DF, et al. **Mol Cell Biol** 1985 Apr;5(4):698–704

Assignment of the human 2,3,7,8–tetrachlorodibenzo–p–dioxin–inducible cytochrome P1–450 gene to chromosome 15. Hildebrand CE, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):2009–16

Human P1–450 gene sequence and correlation of mRNA with genetic differences in benzo[a]pyrene metabolism. Jaiswal AK, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4503–20

RFLP for a human cytochrome P–450 gene at 19q13.1–qter (HGM8 provisional designation CYPI). Wainwright BJ, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4610

Liver mRNA probes disclose two cytochrome P–450 genes duplicated in tandem with the complement C4 loci of the mouse H–2S region. Amor M, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4453–7

Genetic differences in oxygen toxicity are correlated with cytochrome P–450 inducibility. Gonder JC, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6315–9

Identification and characterization of cDNA clones specific for cholesterol side–chain cleavage cytochrome P–450. John ME, et al. **Proc Natl Acad Sci USA** 1984 Sep; 81(18):5628–32

Cloning and characterization of cDNAs encoding 2,3,7,8–tetrachlorodibenzo–p–dioxin–inducible rabbit mRNAs for cytochrome P–450 isozymes 4 and 6. Okino ST, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5310–4

Isolation and sequence of a human cytochrome P–450 cDNA clone. Phillips IR, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):983–7

Human dioxin–inducible cytochrome P1–450: complementary DNA and amino acid sequence. Jaiswal AK, et al. **Science** 1985 Apr 5;228(4695):80–3

Control of cytochrome P1–450 gene expression by dioxin. Jones PB, et al. **Science** 1985 Mar 22;227(4693):1499–502

The cytochrome P450's and their genes [news] Marx JL. **Science** 1985 May 24;228(4702):975–6

Assignment of dioxin–inducible cytochrome P–450 gene family to Chinese hamster chromosome 4. Hildebrand CE, et al. **Somatic Cell Mol Genet** 1985 Jul;11(4):391–5

IMMUNOLOGY

Immunochemical evidence for a role of cytochrome P–450 in liver microsomal ethanol oxidation. Koop DR, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):228–38

Use of monoclonal antibody probes against rat hepatic cytochromes P–450c and P–450d to detect immunochemically related isozymes in liver microsomes from different species. Thomas PE, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):239–53

A comparative immunological investigation of the alkane hydroxylating cytochrome P–450 from the yeast Candida maltosa. Kärgel E, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1261–7

A monoclonal antibody raised to rat liver cytochrome P–448 (form C) which recognises an epitope common to many other forms of cytochrome P–450. Boobis AR, et al. **Biochem Pharmacol** 1985 May 15;34(10):1671–81

Monoclonal antibodies for studies on xenobiotic and endobiotic metabolism. Cytochromes P–450 as paradigm. Gelboin HV, et al. **Biochem Pharmacol** 1985 Jul 1; 34(13):2225–34 (60 ref.)

Immunofluorescent determination of the lobular distribution of a constitutive form of hepatic microsomal cytochrome P–450. Moody DE, et al. **Hepatology** 1985 May–Jun; 5(3):440–51

ISOLATION & PURIFICATION

Characterization and regulation of rat hepatic microsomal cytochrome P–450 isozymes. Ryan DE, et al. **Ann NY Acad Sci** 1984;435:73–85

Evidence for a family of four immunochemically related isozymes of cytochrome P–450 purified from untreated rats. Bandiera S, et al. **Arch Biochem Biophys** 1985 Jul; 240(1):478–82

NH2–terminal sequence analyses of four rat hepatic microsomal cytochromes P–450. Haniu M, et al. **Arch Biochem Biophys** 1984 Dec;235(2):304–11

Purification and properties of cytochrome P–450 from homogenates of human fetal livers. Kitada M, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):275–80

Microsomal monooxygenase system in Morris hepatoma: purification and characterization of cytochromes P–450 from Morris hepatoma 5123D of 3–methylcholanthrene–treated rats. Ohmachi T, et al. **Arch Biochem Biophys** 1985 Jan;236(1):176–84

Amino–terminal sequence analysis of six cytochrome P–450 isozymes purified by monoclonal antibody directed immunopurification. Cheng KC, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1201–8

Monoclonal antibody directed isolation and amino–terminal sequence analysis of phenobarbital induced rat liver cytochromes P–450. Friedman FK, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):926–33

Inhibition of reconstituted vitamin D3 25–hydroxylase by a protein fraction from rat liver microsomes. Holmberg I. **Biochem Biophys Res Commun** 1984 Sep 28; 123(3):1209–14

Isolation and partial characterization of a rifampicin induced rabbit liver microsomal cytochrome P–450. Lange R, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):833–9

Purification and properties of cytochrome P–450 from untreated monkey liver microsomes. Ohmori S, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):1089–95

Spectral properties of a novel cytochrome P–450 of a Saccharomyces cerevisiae mutant SG1. A cytochrome P–450 species having a nitrogenous ligand trans to thiolate. Yoshida Y, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):623–8

Separation, partial purification and characterization of cytochrome P–450 having different affinities for NADPH–cytochrome P–450 reductase from rat liver microsomes. Ohmori S, et al. **Biochem Pharmacol** 1985 May 15;34(10):1846–9

Purification of a new cytochrome P–450 from human liver microsomes. Beaune P, et al. **Biochim Biophys Acta** 1985 Jul 5;840(3):364–70

Purification of hepatic microsomal cytochromes P–450 from beta–naphthoflavone–treated Atlantic cod (Gadus morhua), a marine teleost fish. Goksøyr A. **Biochim Biophys Acta** 1985 Jul 5;840(3):409–17

Purification and characterization of pentobarbital–induced cytochrome P–450BM–1 from Bacillus megaterium ATCC 14581. Schwalb H, et al. **Biochim Biophys Acta** 1985 Mar 8;838(3):302–11

Studies on cytochrome P–450 (P–450 17 alpha,lyase) from guinea pig adrenal microsomes. Dual function of a single enzyme and effect of cytochrome b5. Shinzawa K, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):151–60

Isolation and characterization of two constitutive forms of microsomal cytochrome P–450 from a single bovine liver. Tsubaki M, et al. **Biochim Biophys Acta** 1985 Aug 23; 830(3):244–57

Purification of rat liver microsomal cytochrome P–450 by chromatography on immobilized adamantane with a new method of detergent removal. Anzenbacher P, et al. **Biomed Biochim Acta** 1984;43(12):1343–9

Resolution by high–pressure liquid chromatography and partial characterization of multiple forms of cytochrome P–450 from hepatic microsomes of phenobarbital–treated rats. Bansal SK, et al. **Eur J Biochem** 1985 Jan 2; 146(1):23–33

Purification and characterization of a microsomal cytochrome P–450 with high activity of coumarin 7–hydroxylase from mouse liver. Kaipainen P, et al. **Eur J Biochem** 1984 Nov 2;144(3):425–31

Monoclonal antibodies to cytochrome P–450 immunopurify a 45–kDa protein from a human lymphoblastoid cell line. Friedman FK, et al. **FEBS Lett** 1985 Jun 3;185(1):67–70

Multiple forms of cytochrome P–450 in rabbit colon microsomes. Kaku M, et al. **J Biochem (Tokyo)** 1985 Feb; 97(2):663–70

Purification and characterization of seven distinct forms of liver microsomal cytochrome P–450 from untreated and inducer–treated male Wistar rats. Nagata K, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1755–66

Characterization of three forms of cytochrome P–450 isolated from liver microsomes of rats treated with 3–methylcholanthrene. Sakaki T, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):117–26

Detection and purification of cytochromes P–450 in animal tissues with monoclonal antibodies. Cheng KC, et al. **J Biol Chem** 1984 Oct 10;259(19):12279–84

Purification and characterization of the human liver cytochromes P–450 involved in debrisoquine 4–hydroxylation and phenacetin O–deethylation, two prototypes for genetic polymorphism in oxidative drug metabolism. Distlerath LM, et al. **J Biol Chem** 1985 Jul 25;260(15):9057–67

Isolation by ion–exchange high performance liquid chromatography of rabbit liver cytochrome P–450 with regioselectivity for omega–hydroxylation of prostaglandins. Holm KA, et al. **J Biol Chem** 1985 Feb 25;260(4):2027–30

Purification and characterization of a new form (RLM2) of liver microsomal cytochrome P–450 from untreated rat. Jansson I, et al. **J Biol Chem** 1985 Jun 10;260(11):7084–93

Resolution of multiple forms of cytochrome P–450 by high–performance liquid chromatography. Bansal SK, et al. **J Chromatogr** 1984 Aug 3;297:119–27

Purification from rabbit and rat liver of cytochromes P–450 involved in bile acid biosynthesis. Andersson S, et al. **Methods Enzymol** 1985;111:364–77

Selective induction and inhibition of liver and lung cytochrome P–450–dependent monooxygenases by the PCBs mixture, Aroclor 1016. Ueng TH, et al. **Toxicology** 1985 May;35(2):83–94

[Isolation and characterization of multiple forms of cytochrome P–450 from liver microsomes of 3–methylcholanthrene–induced Wistar rats.] Guliaeva LF, et al. **Biokhimiia** 1985 Mar;50(3):394–400 (Eng. Abstr.) **(Rus)**

[Separation of cholesterol–specific cytochrome P–450 regions and their localization in the polypeptide chain] Chashchin VL, et al. **Bioorg Khim** 1983 Dec;9(12):1690–2 (Eng. Abstr.) **(Rus)**

METABOLISM

Electron flow and complex formation during cytochrome P–450–catalyzed hydroxylation reactions in reconstituted membrane vesicles. Ingelman–Sundberg M, et al. **Acta Chem Scand [B]** 1984;38(10):845–51

alpha–Substituted 2–phenylethylamines and N–oxidized congeners. Chemistry, metabolism and ligand interactions with cytochrome P–450. Paulsen–Sörman U. **Acta Pharm Suec** 1984;21(3):207

Cytochrome P–450–dependent fragmentation of DNA in reconstituted membranes. Luthman H, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Jan;56(1):69–74

Mechanisms of disassembly of a mixed function oxygenase system in liver endoplasmic reticulum: II. The interrelation between lipid peroxidation and proteolytic degradation of cytochrome P-450. Kagan VE, et al. **Acta Physiol Pharmacol Bulg** 1984;10(2):82-9

Procedures for measuring cytochrome P-450-dependent hydroxylation activity in reproductive tissues. Senler TI, et al. **Anal Biochem** 1985 Jan;144(1):152-8

A convenient assay for mephenytoin 4-hydroxylase activity of human liver microsomal cytochrome P-450. Shimada T, et al. **Anal Biochem** 1985 May 15;147(1):174-9

Microsomal cytochrome P-450 enzyme damage in cultured Leydig cells: relation to steroidogenic desensitization. Quinn PG, et al. **Ann NY Acad Sci** 1984;438:649-51

Cumene hydroperoxide effected hydroperoxidation by cytochrome P-450. Chen C, et al. **Arch Biochem Biophys** 1985 Apr;238(1):187-94

The demethylation of guaiacol by a new bacterial cytochrome P-450. Dardas A, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):585-92

Maintenance and induction of cytochrome P-450 in cultured rat hepatocytes. Engelmann GL, et al. **Arch Biochem Biophys** 1985 May 1;238(2):359-67

High-pressure investigations of cytochrome P-450 spin and substrate binding equilibria. Fisher MT, et al. **Arch Biochem Biophys** 1985 Jul;240(1):456-63

Variations in hepatic progesterone 21-hydroxylase activity reflect differences in the microsomal concentration of rabbit cytochrome P-450 1. Johnson EF, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):55-64

Effect of cis-platinum on kidney cytochrome P-450 and heme metabolism: evidence for the regulatory role of the pituitary hormones. Jollie DR, et al. **Arch Biochem Biophys** 1985 Jul;240(1):51-9

Induction of rabbit hepatic microsomal cytochrome P-450 by imidazole: enhanced metabolic activity and altered substrate specificity. Kaul KL, et al. **Arch Biochem Biophys** 1984 Dec;235(2):470-81

Retinoic acid metabolism by a system reconstituted with cytochrome P-450. Leo MA, et al. **Arch Biochem Biophys** 1984 Oct;234(1):305-12

Cytochrome P-450 ligands: metyrapone revisited. Liu Z, et al. **Arch Biochem Biophys** 1985 Sep;241(2):397-402

Kinetic isotope effects on cytochrome P-450-catalyzed oxidation reactions: full expression of the intrinsic isotope effect during the O-deethylation of 7-ethoxycoumarin by liver microsomes from 3-methylcholanthrene-induced hamsters. Miwa GT, et al. **Arch Biochem Biophys** 1985 May 15;239(1):155-62

The association of cytochrome P-450 and NADPH-cytochrome P-450 reductase in phospholipid membranes. Miwa GT, et al. **Arch Biochem Biophys** 1984 Oct;234(1):161-6

Inactivation of glutamine synthetase by a purified rabbit liver microsomal cytochrome P-450 system. Nakamura K, et al. **Arch Biochem Biophys** 1985 Jul;240(1):319-29

Rat hepatic cytochrome P-450 isozyme specificity for the metabolism of the steroid sulfate, 5 alpha-androstane-3 alpha, 17 beta-diol-3,17-disulfate. Ryan DE, et al. **Arch Biochem Biophys** 1984 Sep;233(2):636-42

Variation in hepatic microsomal cytochrome P-450 1 concentration among untreated rabbits alters the efficiency of estradiol hydroxylation. Schwab GE, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):17-26

Turnover of membrane proteins: kinetics of induction and degradation of seven forms of rat liver microsomal cytochrome P-450, NADPH-cytochrome P-450 reductase, and epoxide hydrolase. Shiraki H, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):86-96

Synthesis and degradation of 3-methylcholanthrene-inducible cytochromes P-450 and their mRNAs in primary monolayer cultures of adult rat hepatocytes. Steward AR, et al. **Arch Biochem Biophys** 1985 Sep;241(2):494-508

Cytochrome P-450-catalyzed stereoselective epoxidation at the K region of benz[a]anthracene and benzo[a]pyrene. Yang SK, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):546-52

Contrasting effects of ethylenethiourea on hepatic monooxygenases in rats and mice. Lewerenz HJ, et al. **Arch Toxicol** 1984 Dec;56(2):92-5

Absolute configuration of the 5,6-oxide formed from 7,12-dimethylbenz[a]anthracene by cytochrome P450c. Balani SK, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):610-6

Studies on the identity of the heme-binding cysteinyl residue in rabbit liver microsomal cytochrome P-450 isozyme 2. Black SD, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):82-9

Increased content of cytochrome P-450 and 4-methylpyrazole binding spectrum after 4-methylpyrazole treatment. Feierman DE, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1076-81

Effects of acetylenic and olefinic pyrenes upon cytochrome P-450 dependent benzo[a]pyrene hydroxylase activity in liver microsomes. Gan LS, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):591-6

Membrane bound cytochrome P-450 determines the optimal temperatures of NADPH-cytochrome P-450 reductase and cytochrome P-450-linked monooxygenase reactions in rat and trout hepatic microsomes. Gurumurthy P, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):571-7

Pituitary regulation of sex-specific forms of cytochrome P-450 in liver microsomes of rats. Kamataki T, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1247-53

In vivo and in vitro destruction of rat liver cytochrome P-450 by a monoterpene ketone, pulegone. Madyastha P, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):921-7

Synthetic analogs of the active site of cytochrome P-450cam characterization of thiolpeptide fragment-hemin complexes by optical and ESR spectrometries. Sakurai H, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1254-60

Adrenocortical cytochrome P-450 responsible for cholesterol side chain cleavage (P-450scc) is phosphorylated by the calcium-activated, phospholipid-sensitive protein kinase (protein kinase C). Vilgrain I, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):554-61

Feminization of the hepatic monooxygenases by growth hormone is mimicked by puromycin and correlates with a decrease in male-type cytochrome P450. Vockentanz BM, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):683-8

Effect of phospholipid on aldosterone biosynthesis by a cytochrome P-450(11) beta-reconstituted system. Ohnishi T, et al. **Biochem Int** 1984 Dec;9(6):715-23

Turnover of messenger RNA, apoprotein and haem of cytochrome P-450b + e induced by phenobarbitone in rat liver. Ravishankar H, et al. **Biochem J** 1985 Jul 1;229(1):73-9

Regulation of renal cytochrome P-450. Effects of two-thirds hepatectomy, cholestasis, biliary cirrhosis and post-necrotic cirrhosis on hepatic and renal microsomal enzymes. Babany G, et al. **Biochem Pharmacol** 1985 Feb 1;34(3):311-20

Immunochemical identification of an irreversibly bound heme-derived adduct to cytochrome P-450 following CCl4 treatment of rats. Davies HW, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3203-6

Cytochrome P-450 activity in hepatocytes following cryopreservation and monolayer culture. Jackson BA, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3389-91

Cimetidine interaction with liver microsomes in vitro and in vivo. Involvement of an activated complex with cytochrome P-450. Jensen JC, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2141-6

Different effects of cyanide on the activities of 7-ethoxycoumarin O-deethylation catalyzed by two forms of cytochrome P-450 purified from 3-methylcholanthrene-treated rats. Kitada M, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1133-6

Increased microsomal oxidation of ethanol by cytochrome P-450 and hydroxyl radical-dependent pathways after chronic ethanol consumption. Krikun G, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3306-9

Hymenoxon: biologic and toxic effects. Merrill J, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3383-6

Conversion of hepatic microsomal cytochrome P-450 to P-420 upon phosphorylation by cyclic AMP dependent protein kinase. Taniguchi H, et al. **Biochem Pharmacol** 1985 May 15;34(10):1835-7

Benzo[a]pyrene-hydroxylase catalyzed by purified isozymes of cytochrome P-450 from beta-naphthoflavone-fed rainbow trout. Williams DE, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3743-53

Lack of relationship between debrisoquine 4-hydroxylation and other cytochrome P-450 dependent reactions in rat and human liver. Wolff T, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2593-8

Biodehalogenation: reactions of cytochrome P-450 with polyhalomethanes. Castro CE, et al. **Biochemistry** 1985 Jan 1;24(1):204-10

Stereochemical studies on the cytochrome P-450 and hydroxyl radical dependent pathways of 2-butanol oxidation by microsomes from chow-fed, phenobarbital-treated, and ethanol-treated rats. Krikun G, et al. **Biochemistry** 1984 Nov 6;23(23):5489-94

Decreased lipid order induced by microsomal cytochrome P-450 and NADPH-cytochrome P-450 reductase in model membranes: fluorescence and electron spin resonance studies. Kunz BC, et al. **Biochemistry** 1985 Jun 4;24(12):2889-95

Use of a monoclonal antibody specific for rabbit microsomal cytochrome P-450 3b to characterize the participation of this cytochrome in the microsomal 6 beta- and 16 alpha-hydroxylation of progesterone. Reubi I, et al. **Biochemistry** 1984 Sep 25;23(20):4598-603

Characterization of the enzymatic and nonenzymatic peroxidative degradation of iron porphyrins and cytochrome P-450 heme. Schaefer WH, et al. **Biochemistry** 1985 Jun 18;24(13):3254-63

Reduction kinetics of purified rat liver cytochrome P-450. Evidence for a sequential reaction mechanism dependent on the hemoprotein spin state. Tamburini PP, et al. **Biochemistry** 1984 Sep 25;23(20):4526-33

The domain structure of the cholesterol side-chain cleavage cytochrome P-450 from bovine adrenocortical mitochondria. Localization of haem group and domains in the polypeptide chain. Chashchin VL, et al. **Biochim Biophys Acta** 1984 Dec 21;791(3):375-83

Bifunctional compound study of the active-centre location of cytochrome P-450 in a microsomal membrane ('float' molecules method). Krainev AG, et al. **Biochim Biophys Acta** 1985 Aug 8;818(1):96-104

The activity and biosynthesis of cholesterol side-chain cleavage enzyme in cultured immature pig testis cells. Mason JI, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):504-12

Studies on structure-function relationships of human choriogonadotropins with C-terminally shortened alpha-subunits. II. Stimulation of adenylate cyclase activity and depletion of cytochrome P-450 in the rat testis. Merz WE, et al. **Biochim Biophys Acta** 1985 Jan 18;844(1):67-71

Relation between the structure of benzphetamine analogues and their binding properties to cytochrome P-450 LM2. Petzold DR, et al. **Biochim Biophys Acta** 1985 Jun 10;829(2):253-61

Effect of the gel-liquid crystalline phase transition on the reduction of cytochrome P-450 reconstituted into dimyristoyl-phosphatidylcholine liposomes. Smettan G, et al. **Biomed Biochim Acta** 1984;43(10):1073-82

The influence of cyclobarbital and diazepam on drug metabolism in vitro and their binding to cytochrome P-450. Wierzba W, et al. **Biomed Biochim Acta** 1984;43(12):1425-30

The effect of different hyperglucagonemic states on monooxygenase activities and isozymic pattern of cytochrome P-450 in mouse. Rouer E, et al. **Biosci Rep** 1985 Apr;5(4):335-41

Phenacetin O-deethylase: an activity of a cytochrome P-450 showing genetic linkage with that catalysing the 4-hydroxylation of debrisoquine? Kahn GC, et al. **Br J Clin Pharmacol** 1985 Jul;20(1):67-76

Dechlorination of halocarbons by microsomes and vesicular reconstituted cytochrome P-450 systems under reductive conditions. Salmon AG, et al. **Br J Ind Med** 1985 May;42(5):305-11

Effect of intratracheal administration of DDT and endosulfan on cytochrome P-450 and glutathione-s-transferase in lung and liver of rats. Narayan S, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):55-62

Role of active oxygen species in the photodestruction of microsomal cytochrome P-450 and associated monooxygenases by hematoporphyrin derivative in rats. Das M, et al. **Cancer Res** 1985 Feb;45(2):608-15

Metabolic oxidation of carcinogenic arylamines by rat, dog, and human hepatic microsomes and by purified flavin-containing and cytochrome P-450 monooxygenases. Hammons GJ, et al. **Cancer Res** 1985 Aug;45(8):3578-85

Metabolism of N-nitroso-2,6-dimethylmorpholine by isozymes of rabbit liver microsomal cytochrome P-450. Kokkinakis DM, et al. **Cancer Res** 1985 Feb;45(2):619-24

Metabolism of nitrosamines by purified rabbit liver cytochrome P-450 isozymes. Yang CS, et al. **Cancer Res** 1985 Mar;45(3):1140-5

Metabolism of 2-acetylaminofluorene by eight different forms of cytochrome P-450 isolated from rat liver. Åström A, et al. **Carcinogenesis** 1985 Jan;6(1):113-20

Fluoro-substituted N-nitrosamines. 7. Non-genotoxic N-nitroso-bis(2,2,2-trifluoroethyl)amine and N-nitroso-bis(2,2,3,3,4,4,4-heptafluorobutyl)amine: binding to cytochrome P-450, acidity of alpha-protons and pharmacokinetic investigations. Janzowski C, et al. **Carcinogenesis** 1985 Jan;6(1):79-84

Interaction between yeast cytochrome P-450 and chemical carcinogens. Kelly SL, et al. **Carcinogenesis** 1985 Sep;6(9):1321-5

Metabolic processing of 2-acetylaminofluorene by microsomes and six highly purified cytochrome P-450 forms from rabbit liver. McManus ME, et al. **Carcinogenesis** 1984 Dec;5(12):1717-23

Induction of cytochrome(s) P450-dependent drug metabolism in cultured MH1C1 hepatoma cells. Ferro M, et al. **Cell Biochem Funct** 1984 Oct;2(4):263-8

Functional alterations of the endoplasmic reticulum and the detoxification systems during diethyl-nitrosamine carcinogenesis in rat liver. Garcea R, et al. **Cell Biochem Funct** 1984 Jul;2(3):177-81

The cytochrome P-450 metabolite complex derived from troleandomycin: properties in vitro and stability in vivo. Delaforge M, et al. **Chem Biol Interact** 1984 Oct;51(3):371-6

Interactions of safrole and isosafrole and their metabolites with cytochromes P-450. Ioannides C, et al. **Chem Biol Interact** 1985 May;53(3):303-11

Spin state control of cytochrome P-450 reduction and catalytic activity in a reconstituted P-450 LM2 system as induced by a series of benzphetamine analogues. Schwarze W, et al. **Chem Biol Interact** 1985 Jul;54(2):127-41

Temperature compensation in the hepatic mixed-function oxidase system of bluegill. Ankley GT, et al. **Comp Biochem Physiol [C]** 1985;81(1):125-9

Comparison of in vitro effects of cadmium and nickel on the components of the liver microsomal drug metabolizing enzyme system of the guinea-pig. Işcan M. **Comp Biochem Physiol [C]** 1985;81(1):155-8

The effects of temperature on the cytochrome P-450 system of thermally acclimated bluegill. Karr SW, et al. **Comp Biochem Physiol [C]** 1985;80(1):135-9

Microsomal cytochromes P-450 from marine crabs. Quattrochi LC, et al. **Comp Biochem Physiol [C]** 1984;79(1):171-6

Inhibition of hepatic microsomal enzymes by gossypol in the rat. Ma XN, et al. **Contraception** 1984 Jul;30(1):89-97

Inhibition of cytochrome P-450-dependent mixed function oxidation by ethanol. Hayashi N, et al. **Dig Dis Sci** 1985 Apr;30(4):334-9

Evidence for the metabolism of N-nitrosodimethylamine and carbon tetrachloride by a common isozyme of cytochrome P-450. English JC, et al. **Drug Metab Dispos** 1985 Jul-Aug;13(4):449-52

Evaluation of the role of free hydroxyl radicals in the cytochrome P-450-catalyzed oxidation of benzene and cyclohexanol. Gorsky LD, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):169-74

Effects of model traumatic injury on hepatic drug metabolism in the rat. III. Differential responses of cytochrome P-450 subpopulations. Griffeth LK, et al. **Drug Metab Dispos** 1984 Sep-Oct;12(5):538-95

Mechanisms of N-demethylation reactions catalyzed by cytochrome P-450 and peroxidases. Hollenberg PF, et al. **Drug Metab Dispos** 1985 May-Jun;13(3):272-5

The interaction of cytochrome b5 with four cytochrome P-450 enzymes from the untreated rat. Jansson I, et al. **Drug Metab Dispos** 1985 Jul-Aug;13(4):453-8

Human hepatic cytochrome P-450 composition as probed by in vitro microsomal metabolism of warfarin. Kaminsky LS, et al. **Drug Metab Dispos** 1984 Jul-Aug;12(4):470-7

Loss of rat liver microsomal cytochrome P-450 during methimazole metabolism. Role of flavin-containing monooxygenase. Kedderis GL, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):58-61

Polyamine effects on cytochrome P-450- and flavin-containing monooxygenase-mediated oxidation of xenobiotics. Osimitz TG, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):197-203

Cytochrome P-450-mediated O-demethylation of two ellipticine derivatives. Differential effect of the murine Ah locus phenotype. Roy M, et al. **Drug Metab Dispos** 1985 Jul-Aug;13(4):497-502

Steroidogenic cytochromes P450: do the properties of the homogeneous enzymes reveal important aspects of the regulation of steroid synthesis in vivo? Hall PF. **Endocr Res** 1984-85;10(3-4):311-7

Cytochrome P-450scc: enzymology, and the regulation of intramitochondrial cholesterol delivery to the enzyme. Lambeth JD, et al. **Endocr Res** 1984-85;10(3-4):283-309 (63 ref.)

Polypeptide activators of cholesterol side-chain cleavage. Pedersen RC. **Endocr Res** 1984-85;10(3-4):533-61 (88 ref.)

Superoxide radical generation, NADPH oxidase activity, and cytochrome P-450 content of rat liver microsomal fractions in an experimental hyperthyroid state: relation to lipid peroxidation. Fernández V, et al. **Endocrinology** 1985 Aug;117(2):496-501

Inhibition of iron-sulfur protein-mediated reduction of cytochrome P-450SCC by specific antibodies. Seeley DH, et al. **Endocrinology** 1985 May;116(5):2008-12

Control of heme and cytochrome P-450 metabolism by inorganic metals, organometals and synthetic metalloporphyrins. Kappas A, et al. **Environ Health Perspect** 1984 Aug;57:301-6

Mechanism of rate control of the NADPH-dependent reduction of cytochrome P-450 by lipids in reconstituted phospholipid vesicles. Blanck J, et al. **Eur J Biochem** 1984 Nov 2;144(3):509-13

Cytochrome P-450 isozyme/isozyme functional interactions and NADPH-cytochrome P-450 reductase concentrations as factors in microsomal metabolism of warfarin. Kaminsky LS, et al. **Eur J Biochem** 1985 Jun 18;149(3):479-89

Purification and analysis of phospholipids in the inner mitochondrial membrane fraction of bovine corpus luteum, and properties of cytochrome P-450scc incorporated into vesicles prepared from these phospholipids. Tuckey RC, et al. **Eur J Biochem** 1985 Apr 15;148(2):379-84

Expression of cytochromes P-450 in rat hepatoma cells. Analysis by monoclonal antibodies specific for cytochromes P-450 from rat liver induced by 3-methylcholanthrene or phenobarbital. Wiebel FJ, et al. **Eur J Biochem** 1984 Dec 17;145(3):455-62

Relationship between lipid composition and drug metabolizing capacity of human liver. Savolainen MJ, et al. **Eur J Clin Pharmacol** 1985;27(6):727-32

Cimetidine and ranitidine: their interaction with human and pig liver microsomes and with purified cytochrome P-450. Rendić S, et al. **Eur J Drug Metab Pharmacokinet** 1984 Jul-Sep;9(3):195-200

Possible steroid binding site common to adrenal cytochrome P-450scc and prostatic steroid binding protein. Gotoh O, et al. **FEBS Lett** 1985 Aug 19;188(1):8-10

The site of cyclic AMP-dependent protein kinase catalyzed phosphorylation of cytochrome P-450 LM2. Müller R, et al. **FEBS Lett** 1985 Jul 22;187(1):21-4

1H-NMR study of the interaction of aminopyrine with purified rat liver microsomal cytochrome P-450. Woldman YaYu, et al. **FEBS Lett** 1985 Feb 25;181(2):295-9

Activation and inactivation of a variety of mutagenic compounds by the reconstituted system containing highly purified preparations of cytochrome P-450 from rat liver. Kawano S, et al. **Fundam Appl Toxicol** 1985 Jun;5(3):487-98

Interaction of trichloroethane isomers with cytochrome P-450 in the perfused rat liver. Takano T, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):353-60

Role of cytochrome P-450 and flavin-containing monooxygenase in the N-hydroxylation of N-methyl-4-aminoazobenzene in rat liver: analysis with purified enzymes and antibodies. Kimura T, et al. **Gann** 1984 Oct;75(10):895-904

The binding of isocyanides to cytochrome P-450 from mouse hepatic microsomes. Beumel GA, et al. **Gen Pharmacol** 1985;16(3):189-92

Spectral interactions of piperonyl butoxide and isocyanides with purified hepatic cytochrome P-450 from uninduced mice. Beumel GA, et al. **Gen Pharmacol** 1985;16(3):193-7

Prolonged maintenance of active cytochrome P-450 in adult rat hepatocytes co-cultured with another liver cell type. Begue JM, et al. **Hepatology** 1984 Sep-Oct;4(5):839-42

Metabolic inactivation of N-nitrosamines by cytochrome P-450 in vitro and in vivo. Appel KE, et al. **IARC Sci Publ** 1984;(57):443-51

Metabolism of nitrosamines by cytochrome P-450 isozymes. Yang CS, et al. **IARC Sci Publ** 1984;(57):423-8

Species susceptibility to the pulmonary toxicity of 3-furyl isoamyl ketone (perilla ketone): in vivo support for involvement of the lung monooxygenase system. Garst JE, et al. **J Anim Sci** 1985 Jan;60(1):248-57

Purification and characterization of cytochrome P-450 specific for prostaglandin and fatty acid hydroxylase activities from the microsomes of rabbit small intestinal mucosa. Kaku M, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1883-91

Neonatal testosterone imprinting of hepatic microsomal drug metabolism and a male-specific form of cytochrome P-450 in the rat. Kamataki T, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1939-42

Subterminal hydroxylation of fatty acids by a cytochrome P-450-dependent enzyme system from a fungus, Fusarium oxysporum. Shoun H, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):755-63

Isolation of cytochrome P-450 highly active in prostaglandin omega-hydroxylation from lung microsomes of rabbits treated with progesterone. Yamamoto S, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):593-603

Novel reactivity of cytochrome P-450-CAM. Methyl hydroxylation of 5,5-difluorocamphor. Eble KS, et al. **J Biol Chem** 1984 Dec 10;259(23):14389-93

Inhibition of testicular cytochrome P-450-dependent steroid biosynthesis by cis-platinum. Reversal by human chorionic gonadotropin. Maines MD, et al. **J Biol Chem** 1985 May 25;260(10):6063-8

Hepatic mitochondrial cytochrome P-450 system. Distinctive features of cytochrome P-450 involved in the activation of aflatoxin B1 and benzo(a)pyrene. Niranjan BG, et al. **J Biol Chem** 1984 Oct 25;259(20):12495-501

Branchpoint for heme alkylation and metabolite formation in the oxidation of arylacetylenes by cytochrome P-450. Ortiz de Montellano PR, et al. **J Biol Chem** 1985 Mar 25;260(6):3330-6

On the mechanism of action of cytochrome P-450. Oxidation and reduction of the ferrous dioxygen complex of liver microsomal cytochrome P-450 by cytochrome b5. Pompon D, et al. **J Biol Chem** 1984 Dec 25;259(24):15377-85

Steroid product-induced, oxygen-mediated damage of microsomal cytochrome P-450 enzymes in Leydig cell cultures. Relationship to desensitization. Quinn PG, et al. **J Biol Chem** 1985 Feb 25;260(4):2092-9

Chemical characterization of protein-protein interactions between cytochrome P-450 and cytochrome b5. Tamburini PP, et al. **J Biol Chem** 1985 Apr 10;260(7):4007-15

Interaction of cytochrome P-450 with a hydroperoxide derived from butylated hydroxytoluene. Mechanism of isomerization. Thompson JA, et al. **J Biol Chem** 1985 Sep 5;260(19):10637-44

Cytochrome P-450-dependent oxidation of lanosterol in cholesterol biosynthesis. Microsomal electron transport and C-32 demethylation. Trzaskos JM, et al. **J Biol Chem** 1984 Nov 10;259(21):13402-12

The resonance Raman frequencies of the Fe-CO stretching and bending modes in the CO complex of cytochrome P-450cam. Uno T, et al. **J Biol Chem** 1985 Feb 25;260(4):2023-6

Differential stereoselectivity of cytochromes P-450b and P-450c in the formation of naphthalene and anthracene 1,2-oxides. The role of epoxide hydrolase in determining the enantiomer composition of the 1,2-dihydrodiols formed. van Bladeren PJ, et al. **J Biol Chem** 1985 Aug 25;260(18):10226-35

Determination of metabolites of cytochrome P-450 model systems using high-performance liquid chromatography. Esclade L, et al. **J Chromatogr** 1985 Jun 14;341(2):373-82

Effects of pregnant mare serum gonadotrophin and oestradiol benzoate on enzymes associated with xenobiotic metabolism in immature and hypophysectomized female rats. Williams MT. **J Endocrinol** 1985 Feb;104(2):315-21

Substrate probes for the mechanism of aromatic hydroxylation catalyzed by cytochrome P-450: selectively deuterated analogues of warfarin. Bush ED, et al. **J Med Chem** 1985 Aug;28(8):992-6

Influenza vaccine [letter] Caltabiano JA. **J Med Soc NJ** 1985 Jan;82(1):79

A possible cytochrome P-450-mediated N-oxidation of diethylcarbamazine. Joseph CA, et al. **J Pharm Pharmacol** 1984 Oct;36(10):711-2

Age-related alteration in the activities of drug-metabolizing enzymes and contents of sex-specific forms of cytochrome P-450 in liver microsomes from male and female rats. Kamataki T, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):222-8

The side-chain cleavage of cholesterol sulfate--I. The effect of adrenodoxin on the binding of cholesterol sulfate to cytochrome P-450scc. Greenfield NJ, et al. **J Steroid Biochem** 1985 Jun;22(6):809-16

Steroid interactions with cytochrome P-450 from testis microsomes. Hales DB, et al. **J Steroid Biochem** 1984 Dec;21(6):639-42

Are polyphosphorylated phospholipids involved in the hormonal control of cholesterol side-chain cleavage activity in tumour Leydig cells? Terpstra P, et al. **J Steroid Biochem** 1985 Jun;22(6):773-80

Cytochrome P-450-dependent oxidative cleavage of 1-(tetrahydro-2-furanyl)-5-fluorouracil to 5-fluorouracil. Kawata S, et al. **Jpn J Pharmacol** 1984 Sep;36(1):43-9

The effect of galactosamine on rat liver cytochrome P-450 activities. Murase T, et al. **Jpn J Pharmacol** 1985 Feb;37(2):151-8

The effect of peroxisome proliferators on the metabolism and spectral interaction of endogenous substrates of cytochrome P-450 in rat hepatic microsomes. Lake BG, et al. **Life Sci** 1984 Dec 24;35(26):2621-6

Mixed-function oxidation of histidine residues. Levine RL. **Methods Enzymol** 1984;107:370-6

Side-chain cleavage of cholesterol by gas chromatography-mass spectrometry in a selected ion monitoring mode. Morisaki M, et al. **Methods Enzymol** 1985;111:352-64

Utilization of intramitochondrial membrane cholesterol by cytochrome P-450-dependent cholesterol side-chain cleavage reaction in bovine adrenocortical mitochondria: steroidogenic and non-steroidogenic pools of cholesterol in the mitochondrial inner membranes. Cheng B, et al. **Mol Cell Endocrinol** 1985 May;40(2-3):233-43

Reducing equivalents for mixed function oxidation in periportal and pericentral regions of the liver lobule in perfused livers from normal and phenobarbital-treated rats. Belinsky SA, et al. **Mol Pharmacol** 1984 Nov;26(3):574-81

Monoclonal antibody-directed determination of cytochrome P-450 types expressed in a human lymphoblastoid cell line. Friedman FK, et al. **Mol Pharmacol** 1985 Jun;27(6):652-5

Suicidal destruction of cytochrome P-450 and reduction of ferrochelatase activity by 3,5-diethoxycarbonyl-1,4-dihydro-2,4,6-trimethylpyridine and its analogues in chick embryo liver cells. Marks GS, et al. **Mol Pharmacol** 1985 Apr;27(4):459-65

Sexual differentiation of cytochrome P-450 in rat liver. Evidence for a constitutive isozyme as the male-specific 16 alpha-hydroxylase. Morgan ET, et al. **Mol Pharmacol** 1985 Apr;27(4):471-9

Cytochrome P-450 monooxygenase system. Localization in smooth muscle of rabbit aorta. Serabjit-Singh CJ, et al. **Mol Pharmacol** 1985 Jul;28(1):72-9

Participation of a rat liver cytochrome P-450 induced by pregnenolone 16 alpha-carbonitrile and other compounds in the 4-hydroxylation of mephenytoin. Shimada T, et al. **Mol Pharmacol** 1985 Aug;28(2):215-9

Changes in the concentration of seven forms of cytochrome P-450 in primary cultures of adult rat hepatocytes. Steward AR, et al. **Mol Pharmacol** 1985 Jan;27(1):125-32

Measurement of cytochrome P-450 dependent dealkylation of alkoxyphenoxazones in hepatic S9s and hepatocyte homogenates: effects of dicumarol. Lubet RA, et al. **Mutat Res** 1985 Mar;142(3):127-31

Modulation in cytochrome P-420 and P-450 content in Saccharomyces cerevisiae according to physiological conditions and genetic background. von Borstel RC, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):217-24

The function of cytochrome P-450 in fungi and prospects of application. Honeck H, et al. **Pharmazie** 1985 Apr;40(4):221-7 (103 ref.)

Cytochrome P-450 and monooxygenase activities in the biomonitoring of aquatic environment. Lindström-Seppä P, et al. **Pharmazie** 1985 Apr;40(4):232-4 (44 ref.)

Characterization of a human liver cytochrome P-450 involved in the oxidation of debrisoquine and other drugs by using antibodies raised to the analogous rat enzyme. Distlerath LM, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7348-52

Inhibitors of the cytochrome P-450 enzymes block the secretagogue-induced release of corticotropin in mouse pituitary tumor cells. Luini AG, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1012-4

Kinetics of carbon monoxide binding to phenobarbital-induced cytochrome P-450 from rat liver microsomes: a simple bimolecular process. Oertle M, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4900-4

Cytochrome P-450 metabolic activity in embryonic and extraembryonic tissue lineages of mouse embryos. Pedersen RA, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3311-5

Identification of an inducible form of cytochrome P-450 in human liver. Watkins PB, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6310-4

Biological activity of phenolic compounds. Hepatic cytochrome P-450, cytochrome b5, and NADPH cytochrome c reductase in chicks and rats fed phenolic monomers, polymers, and glycosides. Klasing SA, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):529-38

Ketoconazole an inhibitor of the cytochrome P-450 dependent testosterone biosynthesis. Vanden Bossche H, et al. **Prog Clin Biol Res** 1985;185A:187-96

Species differences in cytochromes P450 and their corresponding messenger RNA's. Makowski R, et al. **Q Rev Drug Metab Drug Interact** 1982;4(2-3):123-70 (159 ref.)

Altered distribution of constitutive forms of microsomal cytochrome P-450 in tumor-bearing mouse liver. Higashi K, et al. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):155-61

Spectral studies on the effect of a new steroidal anesthetic agent alphadione on rat hepatic microsomes. Shigematsu A, et al. **Sangyo Ika Daigaku Zasshi** 1983 Sep 1;5(3):343-9

Effect of ACTH on rabbit adrenal microsomal 17 alpha-hydroxylase activity, cytochrome P-450 and protein electrophoretic patterns. Peterson JE, et al. **Steroids** 1984 Sep;44(3):195-206

Selective changes in cytochrome P-450 and UDP-glucuronosyltransferase subpopulations following partial hepatectomy in rats. Iversen PL, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):10-8

Oxidation of pesticides by purified cytochrome P-450 isozymes from mouse liver. Levi PE, et al. **Toxicol Lett** 1985 Feb-Mar;24(2-3):221-8

Effect of synthetic antioxidants on hydrogen peroxide formation, oxyferro cytochrome P-450 concentration and oxygen consumption in liver microsomes. Rössing D, et al. **Toxicology** 1985 Jan;34(1):67-77

Combined effect of nitrogen dioxide and cold stress on the activity of the hepatic cytochrome P-450 system in rats. Takano T, et al. **Toxicology** 1984 Dec;33(3-4):239-44

Cytochrome P-450-dependent oxidation of felodipine--a 1,4-dihydropyridine--to the corresponding pyridine. Bäärnhielm C, et al. **Xenobiotica** 1984 Sep;14(9):719-26

Ligand-complex formation between cytochromes P-450 and P-448 and methylenedioxyphenyl compounds. Delaforge M, et al. **Xenobiotica** 1985 Apr;15(4):333-42

Association between progesterone binding and cytochrome P-450 content of hepatic microsomes in the rat treated with cobalt-haem. Feuer G, et al. **Xenobiotica** 1985 May;15(5):407-12

Spectral and inhibitory interactions of methylenedioxyphenyl and related compounds with purified isozymes of cytochrome P-450. Marcus CB, et al. **Xenobiotica** 1985 Apr;15(4):351-62

Induction of rat-hepatic microsomal cytochrome P-450 and aryl hydrocarbon hydroxylase by 1,3-benzodioxole derivatives. Murray M, et al. **Xenobiotica** 1985 May;15(5):361-8

Stereospecific hydrolysis of 8 alpha,9 alpha- and 8 beta,9 beta-epoxyhexahydrocannabinols in the mouse in vivo and in vitro. Narimatsu S, et al. **Xenobiotica** 1985 Mar;15(3):227-35

Influence of cytochrome P-450 type on the pattern of conjugation of 4-hydroxybiphenyl generated from biphenyl or 4-methoxybiphenyl. Paterson P, et al. **Xenobiotica** 1985 Jun;15(6):493-502

Influence of cytochrome P-450 type on the pattern of conjugation of 7-hydroxycoumarin generated from 7-alkoxycoumarins. Paterson P, et al. **Xenobiotica** 1984 Nov;14(11):849-59

Low-dose chronic inhalation of diesel exhaust and/or coal dust by rats: effect of age and exposure on lung and liver cytochrome P-450. Rabovsky J, et al. **Xenobiotica** 1984 Jul;14(7):595-8

Characterization of pirenzepine interaction with cytochrome P-450. Rendić S, et al. **Xenobiotica** 1985 May;15(5):399-405

The interaction of representative members from two classes of antimycotics--the azoles and the allylamines--with cytochromes P-450 in steroidogenic tissues and liver. Schuster I. **Xenobiotica** 1985 Jun;15(6):529-46

The measurement of FAD-containing mono-oxygenase activity in microsomes containing cytochrome P-450. Tynes RE, et al. **Xenobiotica** 1984 Jul;14(7):515-20

Studies on N-demethylation of methamphetamine by liver microsomes of guinea-pigs and rats: the role of flavin-containing mono-oxygenase and cytochrome P-450 systems. Yamada H, et al. **Xenobiotica** 1984 Nov;14(11):861-6

Specificity of four forms of cytochrome P-450 in the metabolic activation of several aromatic amines and benzo[a]pyrene. Yamazoe Y, et al. **Xenobiotica** 1984 Jul;14(7):549-52

[Effects on the lymphreticular system and inhibition of liver microsomaal cytochrome P-450 in mice administered Priopionibacterium acnes (Corynebacterium parvum) bacterin] Očenášková J, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 Mar;34(2):100-6 (Eng. Abstr.) **(Cze)**

[Regulation mechanisms of the endoplasmic cytochrome P-450 systems of the liver] Ruckpaul K, et al. **Biomed Biochim Acta** 1985;44(3):351-79 (110 ref.) (Eng. Abstr.) **(Ger)**

[The participation of cytochrome P-450 in the formation of mutagenic and carcinogenic compounds and the use of this property in preventive medicine] Friedrich J, et al. **Pharmazie** 1985 Apr;40(4):228-32 (104 ref.) **(Ger)**

[Determination of caffeine and metamizole elimination in men and women with and without hormonal contraceptives as an in vivo method for characterization of various cytochrome P-450 subspecies] Simon HU, et al. **Pharmazie** 1985 Jan;40(1):50-2 (Eng. Abstr.) **(Ger)**

[Effect of continuous cadmium administration on cytochrome P-450-dependent enzyme activities of the liver and kidney of male rats] Ozierenski B, et al. **Z Gesamte Hyg** 1984 Nov;30(11):611-4 (Eng. Abstr.) **(Ger)**

[Microsomal cytochromes P-450 of liver cells and industrial and environmental xenobiotics] Lutz W. **Postepy Hig Med Dosw** 1984 Jul-Aug;38(4):451-80 (130 ref.) (Eng. Abstr.) **(Pol)**

[Reduction of ferricytochrome P-450 with eosin photoradicals] Ledenev AN, et al. **Biofizika** 1984 Sep-Oct;29(5):730-2 (Eng. Abstr.) **(Rus)**

[Effect of phosphatidylglycerol on the incorporation process of cytochrome P-450 in liposomes from dimyristoylphosphatidylcholine] Akhrem AA, et al. **Biokhimiia** 1985 Jan;50(1):97-101 (Eng. Abstr.) **(Rus)**

[Effect of chemical modification of tyrosine residues of cholesterol-hydroxylating cytochrome P-450 on the interaction with high-spin effectors] Chashchin VL, et al. **Biokhimiia** 1985 Jan;50(1):128-38 (Eng. Abstr.) **(Rus)**

[Reconstruction and study of a multi-enzyme system by 11 beta-hydroxylase steroids] Martsev SP, et al. **Biokhimiia** 1985 Feb;50(2):243-57 (Eng. Abstr.) **(Rus)**

[Spectrophotometric study of cytochrome P-450 (11 beta) interaction with physiological effectors] Martsev SP, et al. **Biokhimiia** 1985 May;50(5):707-24 (Eng. Abstr.) **(Rus)**

[Use of spin-labelled substrate analogs for a comparative study of microsomal cytochrome P-450 and P-448] Popova VI, et al. **Biokhimiia** 1985 Jan;50(1):53-62 (Eng. Abstr.) **(Rus)**

[Immunochemical characteristics of cholesterol-hydroxylating cytochrome P-450 from adrenal cortex mitochondria] Usanov SA, et al. **Biokhimiia** 1984 Nov;49(11):1810-8 (Eng. Abstr.) **(Rus)**

[Localization of tetranitromethane-modified tyrosine residues in domains of cholesterol-hydroxylating cytochrome P-450] Chashchin VL, et al. **Bioorg Khim** 1984 Sep;10(9):1141-6 (Eng. Abstr.) **(Rus)**

[Selective chemical modification of cholesterol hydroxylating cytochrome P-450 from adrenal cortex mitochondria by tetranitromethane] Usanov SA, et al. **Bioorg Khim** 1984 Jan;10(1):32-45 (Eng. Abstr.) **(Rus)**

[The role of the hydrophobic fragment of cytochrome b5 in the interaction with cytochrome P-450] Usanov SA, et al. **Bioorg Khim** 1983 Apr;9(4):450-61 (Eng. Abstr.) **(Rus)**

[Molecular organization of cholesterol-hydroxylating cytochrome P-450 from adrenal cortex mitochondria. Chemical modification with bifunctional reagents in the study of oligomeric forms] Usanov SA, et al. **Bioorg Khim** 1984 Nov;10(11):1457-68 (Eng. Abstr.) **(Rus)**

[Hydroxylation products of hydrophobic xenobiotics--stabilizers of cytochrome P-450 in the hepatocytes] Novikov KN, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):294-6 (Eng. Abstr.) **(Rus)**

[Changes in the cytochrome P-450 content of the liver of congenic resistant mouse strains during chronic alcoholization] Shoshina SV, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):685-7 (Eng. Abstr.) **(Rus)**

[New bifunctional reagents for studying the localization of the cytochrome P-450 active center in a microsomal membrane] Alfer'ev IS, et al. **Dokl Akad Nauk SSSR** 1984;277(2):371-4 **(Rus)**

[Model of the active center of cytochrome P-450. Alkane oxidation catalyzed by iron(III) porphyrin in microheterogeneous media] Sorokin AB, et al. **Dokl Akad Nauk SSSR** 1984;279(4):939-41 **(Rus)**

[Covalently cross-linked, functionally active complex of cholesterol-hydroxylating cytochrome P-450 with adrenodoxin] Usanov SA, et al. **Dokl Akad Nauk SSSR** 1985;280(6):1487-91 **(Rus)**

[Interaction with cytochrome P-450 as one of the mechanisms of protective action of 3-hydroxypyridines in the diethylnitrosamine poisoning of animals.] Shuliakovskaia TS, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Nov-Dec;(6):950-3 (Eng. Abstr.) **(Rus)**

[The effect of x-rays on the level, composition and para-nitroanisole-o-demethylase activity of cytochrome P-450 in the liver microsomes of rats] Deev LI, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):612-5 (Eng. Abstr.) **(Rus)**

[Kinetics of metallo-enzymatic paramagnetic centers and free radicals in the rat liver in lung carcinogenesis] Iurkovskaia TN, et al. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):646-51 (Eng. Abstr.) **(Rus)**

[Nutrition and the monooxygenase system of the liver] Sharmanov TSh. **Vestn Akad Med Nauk SSSR** 1985;(1):28-34 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Cytochrome P-450 dependent metabolic activation of 1-naphthol to naphthoquinones and covalent binding species. Doherty MA, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2261-7

Catalytic activity of cytochromes P-450 purified by monoclonal antibody-directed immunopurification. Friedman FK, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):2051-4

1-Ethynylpyrene, a suicide inhibitor of cytochrome P-450 dependent benzo[a]pyrene hydroxylase activity in liver microsomes. Gan LS, et al. **Biochemistry** 1984 Aug 14;23(17):3827-36

Binding and metabolism of benzo[a]pyrene and 7,12-dimethylbenz[a]anthracene by seven purified forms of cytochrome P-450. Wilson NM, et al. **Carcinogenesis** 1984 Nov;5(11):1475-83

Stereoselective metabolism of conformational analogues of warfarin by beta-naphthoflavone-inducible cytochrome P-450. Heimark LD, et al. **J Med Chem** 1985 Apr;28(4):503-6

Bioorganotin chemistry: a commentary on the reactions of organotin compounds with a cytochrome P-450 dependent monooxygenase enzyme system. Fish RH. **Neurotoxicology (Park Forest Il)** 1984 Summer;5(2):159-61

PHYSIOLOGY

Increased carbon tetrachloride-stimulated chemiluminescence in the in situ liver of barbital-treated mice. Fraga CG, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(2):143-50

Role of alcohol P-450-oxygenase (APO) in microsomal ethanol oxidation. Koop DR, et al. **Alcohol** 1985 Jan-Feb;2(1):23-6

Microsomal reduction of bisulfite (aqueous sulfur dioxide)--sulfur dioxide anion free radical formation by cytochrome P-450. Mottley C, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):3005-8

Cytochrome P-450-dependent nicotine oxidation by liver microsomes of guinea pigs. Immunochemical evidence with antibody against phenobarbital-inducible cytochrome P-450. Nakayama H, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2281-6

Mutagenic activation of carcinogenic N-nitrosopropylamines by rat liver: evidence for a cytochrome P-450 dependent reaction. Mori Y, et al. **Carcinogenesis** 1985 Mar;6(3):415-20

[Steroid hormone synthesizing system and cytochrome P-450] Inano H, et al. **Nippon Rinsho** 1984 Nov;42(11):2410-5 (41 ref.) **(Jpn)**

CYTOCHROME PEROXIDASE see under **PEROXIDASES**

CYTOCHROME REDUCTASES

Chemical cross-linking of mitochondrial NADH dehydrogenase from bovine heart. Cleeter MW, et al. **Biochem J** 1985 Apr 15;227(2):467-74

Identification of the NH2-terminal blocking group of NADH-cytochrome b5 reductase as myristic acid and the complete amino acid sequence of the membrane-binding domain. Ozols J, et al. **J Biol Chem** 1984 Nov 10;259(21):13349-54

ANALYSIS

A simultaneous demonstration of particular enteric neuronal cell types with the NADH:nitro BT-dehydrogenase reaction and of nerve fibres containing enkephalin-like immunoreactivity in the myenteric plexus of the porcine small intestine. Scheuermann DW, et al. **Histochemistry** 1985;82(3):269-73

Electron transfer complexes of Ascaris suum muscle mitochondria: I. Characterization of NADH-cytochrome c reductase (complex I-III), with special reference to cytochrome localization. Takamiya S, et al. **Mol Biochem Parasitol** 1984 Oct;13(2):121-34

ANTAGONISTS & INHIBITORS

Perturbations of sarcolemmal and microsomal enzymes by amphiphilic lipids and drugs. Weglicki WB, et al. **Adv Myocardiol** 1985;6:127-36

Inhibition of myocardial rotenone-insensitive NADH cytochrome c reductase by amphiphilic compounds. Kennett FF, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):H889-94

Inhibition of erythrocyte plasma membrane NADH dehydrogenase by nucleotides and uncouplers. Howland JL, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):400-4

Competitive inhibition of human mitochondrial NADH dehydrogenase by Cibacron Blue F3GA. Tarsio JF, et al. **Enzyme** 1984;32(3):188-92

On the mechanism of inhibition of NADH oxidase by ubiquinone-3. Landi L, et al. **J Bioenerg Biomembr** 1984 Apr;16(2):153-66

Inhibition of plasma membrane NADH dehydrogenase by adriamycin and related anthracycline antibiotics. Sun IL, et al. **J Bioenerg Biomembr** 1984 Jun;16(3):209-21

Purification and properties of succinic oxidase factor, an extracellular product of Staphylococcus aureus. Gemmell CG. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec;258(4):431-40

BIOSYNTHESIS

Selective induction of cytochrome b5 and NADH cytochrome b5 reductase by propylthiouracil. Kariya K, et al. **Life Sci** 1984 Dec 3;35(23):2327-34

BLOOD

Amino acid sequence of NADH-cytochrome b5 reductase of human erythrocytes. Yubisui T, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):579-82

A transmembranous NADH-dehydrogenase in human erythrocyte membranes. Grebing C, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):517-33

GENETICS

Six unidentified reading frames of human mitochondrial DNA encode components of the respiratory-chain NADH dehydrogenase. Chomyn A, et al. **Nature** 1985 Apr 18-24;314(6012):592-7

ISOLATION & PURIFICATION

Purification and characterization of the human neutrophil NADH-cytochrome b5 reductase. Tauber AI, et al. **Blood** 1985 Sep;66(3):673-8

METABOLISM

Effects of ethanol on alcohol dehydrogenase and microsomal ethanol oxidative system activities in fetal mice. Salinas ME, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):541-5

The [4B-3H] NADH-H2O exchange reaction of the mitochondrial NADH dehydrogenase. Chen S, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):584-90

Partial purification and properties of the external NADH dehydrogenase from cuckoo-pint (Arum maculatum) mitochondria. Cottingham IR, et al. **Biochem J** 1984 Nov 15;224(1):171-9

Photoaffinity labelling of mitochondrial NADH dehydrogenase with arylazidoamorphigenin, an analogue of rotenone. Earley FG, et al. **Biochem J** 1984 Dec 1; 224(2):525-34

Membrane reconstitution of the energy-conserving enzymes of oxidative phosphorylation. Casey RP. **Biochim Biophys Acta** 1984 Dec 17;768(3-4):319-47 (301 ref.)

Physicochemical studies of the iron(III)-carminomycin complex and evidence of the lack of stimulated superoxide production by NADH dehydrogenase. Fiallo MM, et al. **Biochim Biophys Acta** 1985 May 29;840(1):91-8

Agarose gel electrophoretic analysis of damage to supercoiled DNA by adriamycin in the presence of beta-NADH dehydrogenase. Haidle CW, et al. **Cancer Biochem Biophys** 1985 Jun;8(1):47-59

Loss of liposome binding of NADH dehydrogenase from alkalophilic Bacillus on subtilisin digestion. Xuemin X, et al. **FEBS Lett** 1985 Feb 25;181(2):313-7

A link between transport and plasma membrane redox system(s) in carrot cells. Misra PC, et al. **J Bioenerg Biomembr** 1984 Apr;16(2):143-52

[Interaction between cytochrome P-448 and NADP-cytochrome P-450 reductase in reconstituted microsomal membranes.] Grishanova AIu, et al. **Biokhimiia** 1985 Mar;50(3):369-74 (Eng. Abstr.) **(Rus)**

[Study of the mechanism of initiation of enzymatic NADPH-dependent lipid peroxidation in membranes of the endoplasmic reticulum] Kagan VE, et al. **Biokhimiia** 1985 Jun;50(6):986-91 (Eng. Abstr.) **(Rus)**

[Characteristic features of the function of the NAD+- and NADP+-dehydrogenase systems in the milk of cows with different levels of milk production] Kolianongo FD, et al. **Ukr Biokhim Zh** 1984 Jul-Aug;56(4):399-403 (Eng. Abstr.) **(Rus)**

CYTOCHROMES

Dibromothymoquinone (DBMIB)-mediated reduction of cytochrome in solution and formation of DBMIB-cytochrome complex. Bose S. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):578-83

Distance between the visible copper and cytochrome a in bovine heart cytochrome oxidase. Goodman G, et al. **Biochemistry** 1985 Apr 23;24(9):2310-7

Oxidation-reduction potentials and spectral properties of some cytochromes from Thiobacillus versutus (A2). Lu WP, et al. **Biochim Biophys Acta** 1984 Nov 26;767(2):326-34

Haemoprotein b-590 (Escherichia coli); redesignation of a bacterial 'cytochrome a1'. Poole RK, et al. **J Gen Microbiol** 1984 Nov;130 (Pt 11):3055-8

A program for determining approximate molecular electrostatic potentials and net atomic charges of biological macromolecules: an application to cytochromes. Del Re G, et al. **Prog Clin Biol Res** 1985;172B:115-23

ANALYSIS

A comparative study of the resonance Raman spectra of bacterial cytochromes. Lewis MA, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):515-25

Immunochemical analysis of the membrane proteins of rat liver and Zajdela hepatoma mitochondria. Nelson BD, et al. **Arch Biochem Biophys** 1984 Oct;234(1):24-30

The major soluble cytochromes of the obligately aerobic sulfur bacterium, Thiobacillus neapolitanus. Trudinger PA, et al. **Arch Microbiol** 1985 May;141(4):273-8

Soluble cytochrome composition of the purple phototrophic bacterium, Rhodopseudomonas sphaeroides ATCC 17023. Meyer TE, et al. **Biochim Biophys Acta** 1985 May 31; 807(3):308-19

Topographical studies of the polypeptide subunits of the thylakoid cytochrome b6-f complex. Ortiz W, et al. **Biochim Biophys Acta** 1985 Jun 26;808(1):164-70

Demonstration of respiratory pigments in clonal insulin-producing beta-cells. Grapengiesser E, et al. **Biomed Biochim Acta** 1985;44(1):49-54

Mitochondrial cytochrome components of Paragonimus adult worms. Yamakami K, et al. **Int J Parasitol** 1984 Dec; 14(6):571-5

Immunological investigation of the distribution of cytochromes related to the two terminal oxidases of Escherichia coli in other gram-negative bacteria. Kranz RG, et al. **J Bacteriol** 1985 Feb;161(2):709-13

Expression of cytochrome o in hydrogen uptake constitutive mutants of Rhizobium japonicum. O'Brian MR, et al. **J Bacteriol** 1985 Feb;161(2):507-14

The identification of histidine ligands to cytochrome a in cytochrome c oxidase. Martin CT, et al. **J Biol Chem** 1985 Mar 10;260(5):2857-61

Electron transfer complexes of Ascaris suum muscle mitochondria: I. Characterization of NADH-cytochrome c reductase (complex I-III), with special reference to cytochrome localization. Takamiya S, et al. **Mol Biochem Parasitol** 1984 Oct;13(2):121-34

[Changes in the rate of local cerebral blood flow and cytochrome concentration in several areas of the brain of the albino rat during neurotization] Levshina IP, et al. **Zh Vyssh Nerv Deiat** 1984 Sep-Oct;34(5):967-71 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Inhibition of rat hepatic mixed function oxidases by antimalarial drugs: selectivity for cytochromes P-450 and P-448. Thabrew MI, et al. **Chem Biol Interact** 1984 Oct; 51(3):285-94

BIOSYNTHESIS

Inhibition of uroporphyrinogen decarboxylase by halogenated biphenyls in chick hepatocyte cultures. Essential role for induction of cytochrome P-448. Sinclair PR, et al. **Biochem J** 1984 Sep 15;222(3):737-48

Immunochemical study on the contribution of hypolipidaemic-induced cytochrome P-452 to the metabolism of lauric acid and arachidonic acid. Bains SK, et al. **Biochem Pharmacol** 1985 Sep 15:34(18):3221-9

Induction of hepatic microsomal drug metabolism by azo compounds: a structure-activity relationship. Fujita S, et al. **Chem Biol Interact** 1984 Nov;52(1):15-37

High resolution gas chromatographic analysis of cytochrome P-448 inducing polychlorinated biphenyl congeners in hazardous waste. Strang C, et al. **J Chromatogr** 1984 Nov 30;314:482-7

Foetal and neonatal development of cytochrome P-450 and cytochrome P-448 catalysed mixed function oxidases in the rat: induction by 3-methylcholanthrene. Lum PY, et al. **Toxicology** 1985 Jun 28;35(4):307-17

[Immunological study of the identity of cytochrome P-448 in the mouse and rat liver after induction with 3-methylcholanthrene] Mishin VM, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):98-102 (Eng. Abstr.) **(Rus)**

GENETICS

Cloning the cyd gene locus coding for the cytochrome d complex of Escherichia coli. Green GN, et al. **Gene** 1984 Dec;32(1-2):99-106

IMMUNOLOGY

A monoclonal antibody raised to rat liver cytochrome P-448 (form C) which recognises an epitope common to many other forms of cytochrome P-450. Boobis AR, et al. **Biochem Pharmacol** 1985 May 15;34(10):1671-81

ISOLATION & PURIFICATION

Isolation and characterization of soluble cytochromes, ferredoxins and other chromophoric proteins from the halophilic phototrophic bacterium Ectothiorhodospira halophila. Meyer TE. **Biochim Biophys Acta** 1985 Jan 23; 806(1):175-83

Separation of ferrichromes and other hydroxamate siderophores of fungal origin by reversed-phase chromatography. Jalal MA, et al. **J Chromatogr** 1984 Sep 28;301(1):247-52

METABOLISM

Light inhibition of respiration is due to a dual function of the cytochrome b6-f complex and the plastocyanin/cytochrome c-553 pool in Aphanocapsa. Sandmann G, et al. **Arch Biochem Biophys** 1984 Oct; 234(1):105-11

Active metabolites in toxicology: the role of cytochrome P-448 and flavoprotein oxidases. Parke DV, et al. **Arch Toxicol [Suppl]** 1984;7:183-92

Post-illumination kinetics of cytochrome f reduction in chloroplast thylakoid in the presence of dibromothymoquinone. Bose S. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):16-21

Quantitative determination of cytochromes in the aerobic respiratory chain of Escherichia coli by high-performance liquid chromatography and its application to analysis of mitochondrial cytochromes. Kita K, et al. **Biochem Int** 1985 Feb;10(2):319-26

Comparative study on the metabolism of N-methyl-4-aminoazobenzene by two forms of cytochrome P-488. Kimura T, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3375-7

Conversion of hepatic microsomal cytochrome P-450 to P-420 upon phosphorylation by cyclic AMP dependent protein kinase. Taniguchi H, et al. **Biochem Pharmacol** 1985 May 15;34(10):1835-7

The electron paramagnetic resonance of metalloproteins. Palmer G. **Biochem Soc Trans** 1985 Jun;13(3):548-60

Bacterial proteins with CO-binding b- or c-type haem. Functions and absorption spectroscopy. Wood PM. **Biochim Biophys Acta** 1984 Dec 17;768(3-4):293-317 (163 ref.)

Cytochrome reduction coincides with electrical activity in perfused bullfrog brain. Kanno T, et al. **Brain Res** 1985 Jul 15;338(2):237-42

The cytochrome complement of Haemophilus parasuis. Niven DF. **Can J Microbiol** 1984 Jun;30(6):763-73

Immunocytochemical localization of the cytochrome b/f complex of chloroplast thylakoid membranes. Goodchild DJ, et al. **Cell Biol Int Rep** 1985 Aug;9(8):715-21

Involvement of plastoquinone and lipids in electron transport reactions mediated by the cytochrome b6-f complex isolated from spinach. Chain RK. **FEBS Lett** 1985 Jan 28; 180(2):321-5

The effects of physiological state and plane of nutrition on the concentrations of microsomal cytochromes and the omega-oxidation of fatty acids in various tissues of the sheep (Ovis aries). Hare WR, et al. **Int J Biochem** 1985; 17(4):455-62

The homogeneity of rat liver microsomal cytochrome P-448 activity and its role in the activation of benzo[a]pyrene to mutagens. Phillipson CE, et al. **Int J Biochem** 1985; 17(1):37-42

Carbon monoxide-cytochrome interactions in the brain of the fluorocarbon-perfused rat. Piantadosi CA, et al. **J Appl Physiol** 1985 Feb;58(2):665-72

Electron transfer reactions of chemically modified plastocyanin with P700 and cytochrome f. Importance of local charges. Takabe T, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):385-93

Importance of local positive charges on cytochrome f for electron transfer to plastocyanin and potassium ferricyanide. Takenaka K, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1813-21

Activation studies by phospholipids on the purified cytochrome c4:o oxidase of Azotobacter vinelandii. Wong TY, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):477-89

Cytochrome c oxidase depleted of subunit III: proton-pumping, respiratory control, and pH dependence of the midpoint potential of cytochrome a. Thompson DA, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):357-64

Alterations of hepatic delta-aminolevulinic acid synthetase, heme oxygenase, microsomal cytochrome content and drug metabolism in rats bearing ascitic tumors AH 13, AH 66 and AH 414 and a 3-methylcholanthrene induced tumor. Matsuura Y, et al. **J Pharmacobiodyn** 1984 Jul;7(7):501-10

Thyroxine-induced changes in rat liver mitochondrial cytochromes. Horrum MA, et al. **Mol Cell Endocrinol** 1985 Jul;41(2-3):163-9

Modulation in cytochrome P-420 and P-450 content in Saccharomyces cerevisiae according to physiological conditions and genetic background. von Borstel RC, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):217-24

The structure, function and evolution of cytochromes. Mathews FS. **Prog Biophys Mol Biol** 1985;45(1):1-56 (160 ref.)

Ligand-complex formation between cytochromes P-450 and P-448 and methylenedioxyphenyl compounds. Delaforge M, et al. **Xenobiotica** 1985 Apr;15(4):333-42

[Interaction between cytochrome P-448 and NADP-cytochrome P-450 reductase in reconstituted microsomal membranes.] Grishanova AIu, et al. **Biokhimiia** 1985 Mar;50(3):369-74 (Eng. Abstr.) **(Rus)**

[Catalytic activity of cytochrome P-448 in native and reconstituted microsomal membranes] Grishanova AIu, et al. **Biokhimiia** 1984 Aug;49(8):1343-9 (Eng. Abstr.) **(Rus)**

[Use of spin-labelled substrate analogs for a comparative study of microsomal cytochrome P-450 and P-448] Popova VI, et al. **Biokhimiia** 1985 Jan;50(1):53-62 (Eng. Abstr.) **(Rus)**

[Action of thyroxine on the cytochrome content in the brain and liver mitochondria during the postnatal development of rats] Khamidov DKh, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):696-7 (Eng. Abstr.) **(Rus)**

[Demonstration of individual reactivity in the dynamics of changes in the concentration of mitochondrial cytochromes during the cirrhotic process] Kotova EN. **Biull Eksp Biol Med** 1985 Mar;99(3):303-6 (Eng. Abstr.) **(Rus)**

[The effect of smoking on the cytochrome and oxidase system of the cardiac muscle] Gvozdjáková A, et al. **Bratisl Lek Listy** 1985 Jan;83(1):10-5 (Eng. Abstr.) **(Slo)**

PHYSIOLOGY

Differential sensitivity to tributyltin of cytochrome-containing and cytochrome-deficient cells of Escherichia coli SASX76. Singh AP, et al. **Experientia** 1985 Jun 15;41(6):764-7

CYTODIAGNOSIS

Quality control in cytopathology. A system for simultaneous monitoring of accuracy and education and for proficiency testing. Carney CN. **Acta Cytol (Baltimore)** 1984 Sep-Oct; 28(5):535-40

Bronchoalveolar lavage diagnosis of bronchiolo-alveolar carcinoma. Sestini P, et al. **Eur J Respir Dis** 1985 Jan; 66(1):55-8

Evaluation of cytologic diagnosis in bladder neoplasms. Kapila K, et al. **Indian J Med Res** 1984 Sep;80:314-20

Concordance in cytopathology [editorial] **Lancet** 1984 Oct

27;2(8409):965

Image analysis of cells in the sediment of voided urine. Koss LG, et al. **Monogr Clin Cytol** 1984;9:148–62

Adenoid cystic carcinoma of the orbit diagnosed by means of aspirative cytology. Malberger E, et al. **Ophthalmologica** 1985;190(2):125–7

Respiratory cytology: significance of 'suspect' results in a series of 435 patients. Caya JG, et al. **South Med J** 1985 Jun;78(6):701–3

Discovering asymptomatic non-precancerous lesions with cervical cytologic mass-screening campaigns: is it a benefit or a cost? Almasio P, et al. **Tumori** 1985 Jun 30;71(3):219–23

[The diagnostic value of touch smear cytology, brush cytology and gastric mucosal biopsies combined or alone for gastric cancer—analysis of 200 cases] Zhao HY. **Chung Hua Nei Ko Tsa Chih** 1984 Mar;23(3):156–9 (Eng. Abstr.) **(Chi)**

[Cytologic diagnosis of the upper gastrointestinal tract] Witte S. **Leber Magen Darm** 1984 Jan;14(1):8–17 (Eng. Abstr.) **(Ger)**

[Cytology of breast cysts] Stella F, et al. **Quad Sclavo Diagn** 1984 Sep;20(3):283–94 (Eng. Abstr.) **(Ita)**

[Problems of cytodiagnosis] Fukushima N. **Rinsho Byori** 1985 Feb;33(2):166–72 **(Jpn)**

[Processing of preserved sputum specimens] Kobayashi Y, et al. **Rinsho Byori** 1985 Feb;Spec No 61:43–50 **(Jpn)**

[Quality control of cytological studies] Emel'ianova AV, et al. **Lab Delo** 1984;(11):696–8 (Eng. Abstr.) **(Rus)**

HISTORY

[Vilém Dušan Lambl (1824–1895). A contribution to the history of urologic cytology] Marek J. **Cas Lek Cesk** 1985 Aug 9;124(32):1019–21 **(Cze)**

INSTRUMENTATION

The value of endometrial cytology. A comparative study of the Gravlee jet-washer, Isaacs cell sampler, and Endoscann versus curettage in 600 patients. Iversen OE, et al. **Obstet Gynecol Surv** 1985 Jan;40(1):14–20 (31 ref.)

A culture vessel for amniotic fluid cells allowing faster preparation of chromosome slides. Tabor A, et al. **Prenat Diagn** 1984 Nov–Dec;4(6):451–5

[Exfoliative cytology of carcinoma of the prostate: use of a specially designed prostatic fluid obtaining catheter] Ichijo S, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Aug;75(8):1299–305 (Eng. Abstr.) **(Jpn)**

[Modified rapid method for detecting lupus erythematosus cells using the MM-3M magnetic mixer] Ulaeva GV. **Lab Delo** 1985;(1):58–9 **(Rus)**

METHODS

Reliability of urinary cytodiagnosis in urothelial neoplasms. Shenoy UA, et al. **Cancer** 1985 Oct 15;56(8):2041–5

Blind pan-esophageal brush cytology. Diagnostic accuracy. Aste H, et al. **Endoscopy** 1984 Sep;16(5):165–7

Observer reproducibility during computer-assisted planimetric measurements of nuclear features. Barry JD, et al. **Hum Pathol** 1985 Mar;16(3):225–7

Brush cytology for the early detection of esophageal carcinoma among patients with upper aerodigestive malignancies. Dowlatshahi K, et al. **Laryngoscope** 1985 Aug;95(8):971–5

[Contribution of thoracoscopic brushing to the diagnosis of pleural diseases] Bejui-Thivolet F, et al. **Ann Pathol** 1984 Jun–Aug;4(3):195–201 (Eng. Abstr.) **(Fre)**

[Comparison of histological and cytological grading of anaplasia in 200 cases of urothelial carcinoma of the bladder] Ciarmiello G, et al. **Minerva Urol Nefrol** 1984 Apr–Jun;36(2):97–100 (Eng. Abstr.) **(Ita)**

[Cytodiagnosis of malignant melanoma by the formaldehyde-induced fluorescence method] Morishima T, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Mar;95(4):505–8 **(Jpn)**

[Flow cytometry in urinary tract malignancies. III. Quantitative analysis of DNA histogram and application to bladder cancer detection, evaluation of the treatment and follow-up examination] Matsuura T, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Jan;76(1):89–95 (Eng. Abstr.) **(Jpn)**

[Automated cytodiagnosis--present status and trends] Takahashi M, et al. **Nippon Rinsho** 1985 Mar;43(3):640–54 (32 ref.) **(Jpn)**

[Cytology of liver cancer by amino acid naphthylamidase staining] Toyohara T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Oct;81(10):2532–7 (Eng. Abstr.) **(Jpn)**

[Early diagnosis of uterine neoplasms] Inoue Y, et al. **Rinsho Byori** 1985 Feb;Spec No 61:25–32 **(Jpn)**

[Processing of urinary specimens] Kawagishi N, et al. **Rinsho Byori** 1985 Feb;Spec No 61:51–6 **(Jpn)**

[Automation of cytodiagnosis by image processing--CYBEST as an example] Mukawa A, et al. **Rinsho Byori** 1985 Feb;Spec No 61:3–15 **(Jpn)**

[Early diagnosis of hilar neoplasms--cytodiagnosis of the sputum] Shibata H. **Rinsho Byori** 1985 Feb;Spec No 61:33–42 **(Jpn)**

[Basic study of automated cytodiagnosis using flow cytometry--a hybrid method with image analysis] Yoshimi N, et al. **Rinsho Byori** 1985 Feb;Spec No 61:16–24 **(Jpn)**

STANDARDS

[Standardization of the cytological results attained in conducting prophylactic gynecological examinations] Novik VI, et al. **Vopr Onkol** 1985;31(3):92–6 (Eng. Abstr.) **(Rus)**

TRENDS

[Future of cytodiagnosis] Tajima M. **Rinsho Byori** 1985 Feb;Spec No 61:57–60 **(Jpn)**

CYTOFLUOROMETRY, FLOW see **FLOW CYTOMETRY**

CYTOGENETICS

see related
CHROMOSOME ABNORMALITIES
CHROMOSOME MAPPING
KARYOTYPING

Screening for cytogenetic polymorphisms in a random sample of liveborn infants from Italian population. Belloni G, et al. **Acta Anthropogenet** 1983;7(3):205–17

A method of processing first-trimester chorionic villous biopsies for cytogenetic analysis. Blakemore KJ, et al. **Am J Hum Genet** 1984 Nov;36(6):1386–93

Genetic analysis of subcellular organization. **Arch Biol Med Exp (Santiago)** 1983 Nov;16(2):R107–14

Electron microscopy of chromosomes: toward an ultrastructural cytogenetics? Goyanes VJ. **Cancer Genet Cytogenet** 1985 Feb 15;15(3–4):349–67

Cytogenetic study on peripheral lymphocytes in trophoblastic diseases. Bian ML, et al. **Chin Med J [Engl]** 1984 Apr;97(4):263–6

Detection of fragile sites on human chromosomes [letter] Hecht F, et al. **Clin Genet** 1985 Jul;28(1):95–6

Introduction to the Genetic Toxicology Association workshop on statistical analysis of cytogenetics test systems. Irr JD, et al. **Environ Mutagen** 1985;7 Suppl 4:3–7

Some readily available computer programs for special types of statistical analyses. Thakur AK. **Environ Mutagen** 1985;7 Suppl 4:73–80

Tabulation and assessment of 113 human surveillance cytogenetic studies conducted between 1965 and 1984. Ashby J, et al. **Mutat Res** 1985 Sep;154(2):111–33

Computerized cytogenetic data for prenatal diagnosis. Jackson LG, et al. **Prog Clin Biol Res** 1985;163C:345–6

[Yield and efficiency of a cytogenetics laboratory] Youlton R, et al. **Rev Med Chil** 1984 Oct;112(10):1030–2 (Eng. Abstr.) **(Spa)**

CYTOKERATIN see **KERATIN**

CYTOKINESIS see **CELL DIVISION**

CYTOKINETICS see **CELL CYCLE**

CYTOKININS see under **PLANT GROWTH REGULATORS**

CYTOLOGICAL TECHNICS

see related
CYTODIAGNOSIS

Effectiveness of elastase with HCl method for cell surface visualization. Amemiya T. **Acta Anat (Basel)** 1984;120(3):108–11

Aspiration and exfoliative cytology, including ultrastructure, of a malignant granular-cell tumor. Geisinger KR, et al. **Acta Cytol (Baltimore)** 1985 Jul–Aug;29(4):593–7

Improved transmission electron microscopy technique for the study of cytologic material. Hultgren S, et al. **Acta Cytol (Baltimore)** 1985 Mar–Apr;29(2):179–83

Exfoliative cytology of angiosarcoma of the pulmonary artery. Nguyen GK. **Acta Cytol (Baltimore)** 1985 Jul–Aug;29(4):624–7

Cytopathology and short-term culture of malignant tumours in Ibadan. Osunkoya BO. **Afr J Med Med Sci** 1985 Mar–Jun;14(1–2):75–81

Rapid cytology to decrease pneumothorax incidence after percutaneous biopsy. Johnsrude IS, et al. **AJR** 1985 Apr;144(4):793–4

A comparative study of osteoblasts: in situ versus isolated specimens. Ries WL, et al. **Am J Anat** 1985 Jan;172(1):57–73

Mobilization of 45Ca from insulin-producing RINm5F cells attached to microcarriers. Abrahamsson H, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):E719–25

Pathogenic free-living amebae. Immunocytologic demonstration and species identification. Culbertson CG, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):851–6

Isolation and culture of human alveolar type II epithelial cells. Characterization of their phospholipid secretion. Robinson PC, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1156–60

Stabilized binary hierarchic classifier in cytopathologic diagnosis. Bartels HG, et al. **Anal Quant Cytol** 1984 Dec;6(4):247–61

The use of cationic polyelectrolytes in the preparation of cell monolayers for automated cell scanning and diagnostic cytopathology. Watts KC, et al. **Anal Quant Cytol** 1984 Dec;6(4):272–8

Standardization of dyes and stains for automated cell pattern recognition. Wittekind D. **Anal Quant Cytol** 1985 Mar;7(1):6–30 (116 ref.)

Evolution of Xenopus endodermal cells cultured on different extracellular matrix components. Identification of primordial germ cells. Brustis JJ, et al. **Anat Embryol (Berl)** 1984;170(2):187–96

Development of mouse embryos in hanging drop culture. Potter SW, et al. **Anat Rec** 1985 Jan;211(1):48–56

New immobilization techniques and examples of their applications. Mosbach K. **Ann NY Acad Sci** 1984;434:239–48

Uses and applications of reactive dyes in histopathologic technique: a new panchromic hematoxylin-Tanisol red stain for histologic sections and cytologic smears. Tamarit LV. **Appl Pathol** 1984;2(2):85–91

Human tumour cell lines established using clonal agar culture. Bertoncello I, et al. **Aust J Exp Biol Med Sci** 1985 Apr;63 (Pt 2):241–8

Functional and metabolic characteristics of dissociated mouse pancreatic islet cells in suspension. Campbell IL. **Aust J Exp Biol Med Sci** 1985 Apr;63 (Pt 2):139–46

Optimised growth of human epidermal cells in vitro without the use of a feeder layer or collagen substrate. Thompson CH, et al. **Aust J Exp Biol Med Sci** 1985 Apr;63 (Pt 2):147–56

DNA damage persistence and site specificity in SCE formation. Schvartzman JB, et al. **Basic Life Sci** 1984;29 Pt A:215–27 (36 ref.)

The influence of corneocyte overlap on the measurement of stratum corneum cell layers [letter] Grattan CE, et al. **Br J Dermatol** 1985 Aug;113(2):247–9

Establishment of a pluripotent embryonal carcinoma cell line not expressing SSEA-1 and ECMA-7 phenotypes. Gregorová S, et al. **Cell Differ** 1984 Dec;15(2–4):87–92

The optimal conditions for microtiter cultures of human peripheral lymphocytes. I. Effects of bottom shapes of culture wells. Wang SR, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1984 Nov;17(4):193–202

The optimal conditions for microtiter cultures of human peripheral lymphocytes. II. Effects of mitogen concentration, incubation time and duration of isotope pulse. Wang SR, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1984 Nov;17(4):203–9

Stereological parameters from the analysis of the cell micrographs either by manual point-counting methods or by using a semi-automatic system: a BASIC program for ZX-Spectrum personal computer. de Paz P, et al. **Comput Biol Med** 1985;15(3):153–8

The use of correspondence analysis in the assessment of morphologic changes during carcinogenesis. Gelsema ES, et al. **Cytometry** 1984 Sep;5(5):463–8

A model for the classification of specimens containing random proportions of abnormal cells. Timmers T, et al. **Cytometry** 1985 Jan;6(1):22–5

Preparation of monolayer smears from paraffin-embedded tissue for image cytometry. van Driel-Kulker AM, et al. **Cytometry** 1985 May;6(3):268–72

Morphologic changes in rat urothelial cells during carcinogenesis: II. Image cytometry. Young IT, et al. **Cytometry** 1984 Sep;5(5):454–62

Balloon cytology in screening of asymptomatic alcoholics for esophageal cancer, Part I. Korsten MA, et al. **Dig Dis Sci** 1985 Sep;30(9):845–51

Enzymatic dissociation of ovarian and uterine tissues. Marcus GJ, et al. **Endocr Res** 1984;10(2):151–62

Maintenance of pancreatic endocrine cells of the neonatal rat: IV. The effect of 3-amino-3-deoxyglucose. Wakabayashi S, et al. **Endocrinol Jpn** 1984 Oct;31(5):657–64

Inclusion-cytology versus smear-cytology in fine needle abdominal biopsy. Livraghi T, et al. **Eur J Radiol** 1985 May;5(2):111–4

Establishment and characterization of a new clonal strain derived from human benign gastric teratoma. Ishiwata I, et al. **Exp Pathol** 1985;27(3):143–51

The modified method for isolation and culture of highly homogeneous Leydig cell population from rat testes. Janecki A, et al. **Folia Histochem Cytobiol** 1984;22(3–4):179–86

New views of cell and tissue cytoarchitecture: embedment-free electron microscopy and biochemical analysis. Fey EG, et al. **Hepatology** 1985 Jan–Feb;5(1):152–8

Objective assessment of the malignant potential of intraocular melanomas with standard microslides stained with hematoxylin-eosin. Gamel JW, et al. **Hum Pathol** 1985 Jul;16(7):689–92

Establishment of cell lines of uveal melanoma. Methodology and characteristics. Albert DM, et al. **Invest Ophthalmol Vis Sci** 1984 Nov;25(11):1284–99

Removal of viable sheets of conjunctival epithelium with dispase II. Geggel HS, et al. **Invest Ophthalmol Vis Sci** 1985 Jan;26(1):15–22

Design and testing of a new microcalorimetric vessel for use with living cellular systems and in titration experiments. Nordmark MG, et al. **J Biochem Biophys Methods** 1984 Dec;10(3–4):187–202

Increased thermoresistance developed during growth of small multicellular spheroids. Wigle JC, et al. **J Cell Physiol** 1985 Feb;122(2):281–9

Microassay for studying anticellular effects of human interferons. Ito M. **J Interferon Res** 1984 Fall;4(4):603–8

A structured program in BASIC for cell morphometry: its application to the spinal motoneurone. Pullen AH. **J Neurosci Methods** 1984 Dec;12(2):155–78

Growth cones of developing retinal cells in vivo, on culture surfaces, and in collagen matrices. Harris WA, et al. **J Neurosci Res** 1985;13(1–2):101–22

A procedure for the measurement of hormone receptors using a cell harvesting machine. Fanger BO, et al. **J Recept Res** 1984;4(7):727–39

An enzymatic method for the consistent production of monodispersed viable cell suspensions from human solid tumors. Rong GH, et al. **J Surg Oncol** 1985 Feb;28(2):131–3

Local recall scheme for cervical cytology [letter] Brough AK. **Lancet** 1985 May 11;1(8437):1102

Digital microscopy. Bartels PH, et al. **Monogr Clin Cytol** 1984;9:28–61 (79 ref.)

Computed cell image information. Bibbo M, et al. **Monogr Clin Cytol** 1984;9:62–100 (77 ref.)

Computer-assisted morphometric analysis of late renal radiation injury. Jordan SW, et al. **Monogr Clin Cytol** 1984; 9:117–47

A systems approach to cell image analysis. Winkler DG, et al. **Monogr Clin Cytol** 1984;9:181–96

A critical evaluation of three methods of studying cell proliferation in human cervical epithelium. Ireland D, et al. **Obstet Gynecol** 1985 Feb;65(2):227–34

Staging of conjunctival squamous metaplasia by impression cytology. Tseng SC. **Ophthalmology** 1985 Jun;92(6):728–33

Responses of enzymatically isolated mammalian vascular smooth muscle cells to pharmacological and electrical stimuli. DeFeo TT, et al. **Pflugers Arch** 1985 May; 404(1):100–2

Identification of mitochondria-rich cells in unstained vital preparations of epithelia by autofluorescence. Köhler M, et al. **Pflugers Arch** 1985 Jan;403(1):47–9

Spheroids in cancer research. Methods and perspectives. **Recent Results Cancer Res** 1984;95:1–183

Microenvironmental conditions in multicellular spheroids grown under liquid-overlay tissue culture conditions. Acker H. **Recent Results Cancer Res** 1984;95:116–33

Liquid-overlay culture of cellular spheroids. Carlsson J, et al. **Recent Results Cancer Res** 1984;95:1–23 (57 ref.)

Intercellular communication in spheroids. Dertinger H, et al. **Recent Results Cancer Res** 1984;95:67–83 (46 ref.)

Modeling and simulation of growing spheroids. Düchting W, et al. **Recent Results Cancer Res** 1984;95:168–79

Radiation studies with spheroids. Durand RE, et al. **Recent Results Cancer Res** 1984;95:103–15 (35 ref.)

Oxygen supply to spheroids in spinner and liquid-overlay culture. Franko AJ, et al. **Recent Results Cancer Res** 1984; 95:162–7

Profiles of oxygen partial pressure and oxygen consumption inside multicellular spheroids. Grossmann U. **Recent Results Cancer Res** 1984;95:150–61

Regulatory mechanisms in spheroidal aggregates of normal and cancerous cells. Landry J, et al. **Recent Results Cancer Res** 1984;95:50–66 (85 ref.)

Microelectrode measurement of oxygen tension distributions in multicellular spheroids cultured in spinner flasks. Mueller-Klieser W. **Recent Results Cancer Res** 1984; 95:134–49

Spheroids for studies of drug effects. Nederman T, et al. **Recent Results Cancer Res** 1984;95:84–102 (43 ref.)

Growth and cellular characteristics of multicell spheroids. Sutherland RM, et al. **Recent Results Cancer Res** 1984; 95:24–49 (86 ref.)

[Use of the lymphocyte nucleolar test for group diagnostic studies in environmental hygiene] Pfeifer I. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Oct; 179(5):397–405 (Eng. Abstr.) **(Ger)**

[Cytogenetic techniques for the observation of chromosomes from the cultured cells of the blood and amniotic fluid] Yosida TH. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):570–5 (Eng. Abstr.) **(Jpn)**

[Educational lecture on culture of cells from mammalian organs—application to clinical research and its prospect] Takaki R. **Nippon Naika Gakkai Zasshi** 1984 Aug; 73(8):1128–33 **(Jpn)**

[Endometrial cytology. Endocyte compared with uterine curettage] Medalen TJ, et al. **Tidsskr Nor Laegeforen** 1984 Aug 20;104(23):1540–2 (Eng. Abstr.) **(Nor)**

[Preparation of smear prints of bronchial secretions] Matveeva LA, et al. **Lab Delo** 1985;(5):315–6 **(Rus)**

INSTRUMENTATION

An in vivo clonogenic assay for human tumors using plasma clot diffusion chambers implanted in mice. Willemze R, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):127–34

Morphometric analysis of nuclei in epithelial structures from normal and neoplastic endometrium: a study using the Isaacs cell sampler and Endoscann instruments. Skaarland E. **J Clin Pathol** 1985 May;38(5):496–501

Versatile temperature controlled tissue bath for studies of isolated cells using an inverted microscope. Datyner NB, et al. **Pflugers Arch** 1985 Mar;403(3):318–23

A teflon culture dish for high-magnification microscopy and measurements in single cells. Ince C, et al. **Pflugers Arch** 1985 Mar;403(3):240–4

Use of isopropyl hydrogen sulfate (Rain-X) on coverslips to prevent cell loss during permanent slide preparation. Dille JE. **Stain Technol** 1984 Mar;59(2):123–4

[Cultivation of reaggregated brain cells in rapidly rotating mini-rollers] Viktorov IV, et al. **Biull Eksp Biol Med** 1985 May;99(5):632–4 (Eng. Abstr.) **(Rus)**

[Method of rapid change of test solutions during studies of isolated cells] Vrublevskiĭ SV, et al. **Fiziol Zh** 1985 Mar–Apr;31(2):241–2 **(Rus)**

STANDARDS

Quality control in cytopathology. A system for simultaneous monitoring of accuracy and education and for proficiency testing. Carney CN. **Acta Cytol (Baltimore)** 1984 Sep–Oct; 28(5):535–40

Reliability of cytological grading of prostatic carcinoma compared with histological grading. Yatani R, et al. **Pathol Res Pract** 1985 Jul;180(1):68–73

CYTOLOGY

see related
CELL NUCLEUS
CYTOPLASM

Computer applications in cell and neurobiology: a review. Mize RR. **Int Rev Cytol** 1984;90:83–124 (214 ref.)

[Minimally transformed 3T3 cell lines as an object for research on the mechanisms of proliferation] Barkan RS, et al. **Tsitologiia** 1985 Jan;27(1):5–27 (126 ref.) (Eng. Abstr.) **(Rus)**

EDUCATION

[Methodologic trends in teaching histology, cytology and embryology in medical universities and in the medical colleges of universities] Knorre AG, et al. **Arkh Anat Gistol Embriol** 1984 Aug;87(8):86–9 **(Rus)**

HISTORY

Cytology in the past, present and future. Stoll P. **Eur J Gynaecol Oncol** 1985;6(2):85–9

[The scalpel versus the microscope, Auguste Comte and the cell theory] Stanguennec A. **Pubbl Stn Zool Napoli [II]** 1984;6(2):171–82 **(Fre)**

INSTRUMENTATION

Electron microscopy in cytology [editorial] Koss LG. **Acta Cytol (Baltimore)** 1985 May–Jun;29(3):195–6

TRENDS

[Current status and developmental prospects for forensic medical cytological research] Zagriadskaia AP. **Sud Med Ekspert** 1985 Apr–Jun;28(2):40–1 (Eng. Abstr.) **(Rus)**

CYTOLYSINS see CYTOTOXINS

CYTOMEGALIC INCLUSION DISEASE

Cytomegalovirus infection. Alford CA Jr. **Ala J Med Sci** 1985 Apr;22(2):169–89 (231 ref.)

Cytomegalovirus and herpes simplex virus ascending myelitis in a patient with acquired immune deficiency syndrome. Tucker T, et al. **Ann Neurol** 1985 Jul;18(1):74–9

Cytomegaloviral infection and disease. Kinney JS, et al. **J Infect Dis** 1985 May;151(5):772–4 (22 ref.)

High risk of cytomegalovirus mononucleosis in adult Europeans visiting tropical areas [letter] Schmitz H, et al. **Lancet** 1985 Aug 31;2(8453):503–4

Cytomegalovirus infection in the normal host. Cohen JI, et al. **Medicine (Baltimore)** 1985 Mar;64(2):100–14

Neonatal herpes virus infections. Prevention, diagnosis, and treatment of cytomegalovirus infection in infancy. Part II. Gehrz RC. **Minn Med** 1984 Aug;67(8):421–3

Perinatal herpesvirus infections. LaRussa P. **Pediatr Ann** 1984 Sep;13(9):659–61, 664–5, 668–70 (41 ref.)

Cytomegalovirus-associated hemophagocytic syndrome. Danish EH, et al. **Pediatrics** 1985 Feb;75(2):280–3

Human cytomegalovirus infection. Keen GA. **S Afr Med J** 1985 Aug 3;68(3):159–61 (26 ref.)

[Pulmonary infectious complications caused by cytomegalovirus in clinical kidney transplantation] Alfani D, et al. **Boll Ist Sieroter Milan** 1984;63(5):420–7 (Eng. Abstr.) **(Ita)**

CEREBROSPINAL FLUID

Cytomegalovirus meningoencephalitis in a homosexual man with Kaposi's sarcoma: isolation of CMV from CSF cells. Edwards RH, et al. **Neurology** 1985 Apr;35(4):560–2

COMPLICATIONS

An immunofluorescent study of generalized infection of human cytomegalovirus in a patient with systemic lupus erythematosus. Iwasaki T, et al. **Acta Pathol Jpn** 1984 Jul; 34(4):869–74

Disseminated intravascular coagulation induced by generalized cytomegalic inclusion disease during steroid therapy for polymyositis. Shimizu K, et al. **Acta Pathol Jpn** 1985 May;35(3):723–30

Cytomegalovirus esophagitis and gastritis in AIDS. Balthazar EJ, et al. **AJR** 1985 Jun;144(6):1201–4

Cytomegalovirus infection of the colon: a possible role in exacerbations of inflammatory bowel disease. Berk T, et al. **Am J Gastroenterol** 1985 May;80(5):355–60

Cytomegalovirus esophagogastritis in a patient with acquired immunodeficiency syndrome. Freedman PG, et al. **Am J Gastroenterol** 1985 Jun;80(6):434–7

Cytomegalovirus colitis in acquired immunodeficiency syndrome—a chronic disease with varying manifestations. Levinson W, et al. **Am J Gastroenterol** 1985 Jun;80(6):445–7

Cytomegalovirus infection or disease [letter] Golden JA. **Ann Intern Med** 1984 Dec;101(6):882–3

A multifactorial model for the development of AIDS in homosexual men. Sonnabend JA, et al. **Ann NY Acad Sci** 1984;437:177–83

Cytomegalovirus. Induced demyelination associated with acquired immune deficiency syndrome. Moskowitz LB, et al. **Arch Pathol Lab Med** 1984 Nov;108(11):873–7

Successful immune reconstitution in severe combined immunodeficiency despite Epstein-Barr virus and cytomegalovirus infections. DeVoe PW, et al. **Clin Immunol Immunopathol** 1985 Jan;34(1):48–59

The role of human papilloma and other viruses. Baird PJ. **Clin Obstet Gynaecol** 1985 Mar;12(1):19–32 (71 ref.)

Guillain-Barré syndrome associated with acute cytomegalovirus mononucleosis syndrome. Mozes B, et al. **Eur Neurol** 1984;23(4):237–9

Epidemiology of cytomegaloviral infection in a heterogeneous population of pregnant women. Chandler SH, et al. **J Infect Dis** 1985 Aug;152(2):249–56

Multiple infections by cytomegalovirus in patients with acquired immunodeficiency syndrome: documentation by Southern blot hybridization. Drew WL, et al. **J Infect Dis** 1984 Dec;150(6):952–3

Viral infections and cell-mediated immunity in immunodeficient homosexual men with Kaposi's sarcoma treated with human lymphoblastoid interferon. Frederick WR, et al. **J Infect Dis** 1985 Jul;152(1):162–70

Identification of multiple cytomegalovirus strains in homosexual men with acquired immunodeficiency syndrome. Spector SA, et al. **J Infect Dis** 1984 Dec; 150(6):953–6

Sequelae of acquired cytomegalovirus infection in premature and sick term infants. Paryani SG, et al. **J Pediatr** 1985 Sep;107(3):451–6

Solitary cecal ulcer due to cytomegalovirus in a leukemic patient. Rosen-Levin EM, et al. **Mt Sinai J Med (NY)** 1985 Feb;52(2):139–41

Cytomegalovirus infection and hemolytic anemia due to glucose-6-phosphate dehydrogenase deficiency. Rosenbloom BE, et al. **Mt Sinai J Med (NY)** 1985 May; 52(5):363–6

Concurrent herpes simplex and cytomegalovirus retinitis and encephalitis in the acquired immune deficiency syndrome (AIDS). Pepose JS, et al. **Ophthalmology** 1984 Dec; 91(12):1669–77

Fatal staphylococcal epidermidis infections in very low-birth-weight infants with cytomegalovirus infection. Kumar ML, et al. **Pediatrics** 1985 Jul;76(1):110–2

Cytomegalovirus hemorrhagic colitis in a nontransplant patient. Bennett MR, et al. **Postgrad Med** 1985 Jun; 77(8):227–9, 232

Pneumatosis intestinalis in patients after cadaveric kidney transplantation: possible relationship with an active cytomegalovirus infection. van Son WJ, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:936–40

Cytomegalovirus colitis in AIDS: radiographic findings in 11 patients. Balthazar EJ, et al. **Radiology** 1985 Jun; 155(3):585–9

Cytomegalovirus and its association with multiple infections: a case report. Robertson AS, et al. **Scott Med J** 1984 Jan; 29(1):25–6

Unexpectedly high incidence of cytomegalovirus infection in apparent peptic ulcers in renal transplant recipients. Cohen EB, et al. **Surgery** 1985 May;97(5):606–12

Atypical mycobacterial and cytomegalovirus infection of the duodenum in a patient with acquired immunodeficiency syndrome: endoscopic and histopathologic appearance. Caya JG, et al. **Wis Med J** 1984 Nov;83(11):33–6

Cytomegalic inclusion virus and Hirschsprung's disease. Hershlag A, et al. **Z Kinderchir** 1984 Aug;39(4):253–4

[Kaposi's sarcoma and opportunistic infection in an African] Perroud AM, et al. **Ann Dermatol Venereol** 1984; 111(8):743–4 **(Fre)**

[The role of cytomegalovirus in infantile deafness and deafness of unknown origin] Desnos J, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(5):351–6 (Eng. Abstr.) **(Fre)**

[Acute ulcerative colitis and cytomegalovirus infection in a nonimmunosuppressed patient: delayed appearance of specific antibodies (letter)] Gallet E, et al. **Gastroenterol Clin Biol** 1985 Jun–Jul;9(6–7):541–2 **(Fre)**

[Severe jaundice with fatal outcome in pregnancy] Gétin Y, et al. **Rev Fr Gynecol Obstet** 1984 Jul–Sep;79(7–9):517–22 (Eng. Abstr.) **(Fre)**

[Specific gastrointestinal manifestations of a generalized cytomegalovirus infection in a patient with acquired immune deficiency syndrome] Krämer A, et al. **Dtsch Med Wochenschr** 1985 Mar 22;110(12):462–8 (Eng. Abstr.) **(Ger)**

[Reye's syndrome and cytomegalovirus] Palomeque A, et al. **An Esp Pediatr** 1985 Jan;22(1):83–5 **(Spa)**

CONGENITAL

Generalized neonatal herpes virus infection (cytomegalovirus or herpes virus type 1). Comparative examination of loci attacked by two viruses. Watanabe K, et al. **Acta Pathol Jpn** 1984 Jul;34(4):847-58

Congenital cytomegalovirus infection. Preece PM, et al. **Arch Dis Child** 1984 Dec;59(12):1120-6

Congenital cytomegalovirus infection: a dilemma [editorial] Timbury MC. **Br Med J [Clin Res]** 1984 Sep 22; 289(6447):712-3

Hydrops fetalis with supraventricular tachycardia and cytomegalovirus infection. Filloux F, et al. **Clin Pediatr (Phila)** 1985 Sep;24(9):534-6

Congenital cytomegalovirus infection and sensorineural hearing loss. Harris S, et al. **Ear Hear** 1984 Nov-Dec; 5(6):352-5

The TORCH syndrome: a clinical review. Fine JD, et al. **J Am Acad Dermatol** 1985 Apr;12(4):697-706 (33 ref.)

Congenital defects due to reactivation of latent murine cytomegaloviral infection during pregnancy. Baskar JF, et al. **J Infect Dis** 1985 Sep;152(3):621-4

A clinical pathologic study of hearing loss in congenital cytomegalovirus infection. Strauss M. **Laryngoscope** 1985 Aug;95(8):951-62

Cytomegalovirus infection of the fetus and neonate. Zaia JA, et al. **Neurol Clin** 1984 May;2(2):387-410

Early and late developmental abnormalities associated with congenital cytomegalovirus and toxoplasma infections. Alford CA, et al. **Prog Clin Biol Res** 1985;163B:343-9

Electron microscopic examination of congenital cytomegalovirus hepatitis. Balázs M. **Virchows Arch [A]** 1984;405(1):119-29

[Congenital generalized form of cytomegalovirus inclusion disease in neonates] Dubovská M, et al. **Cesk Pediatr** 1985 Jul;40(7):407-10 (Eng. Abstr.) **(Cze)**

[Congenital cytomegalovirus infection in dizygotic twins (letter)] Agius G, et al. **Arch Fr Pediatr** 1985 Jan;42(1):63-4 **(Fre)**

[Neonatal chorioretinopathy caused by cytomegalovirus infection] Vallat M, et al. **Bull Soc Ophtalmol Fr** 1983 Oct; 83(10):1205-6 **(Fre)**

[Electron microscopic studies in congenital cytomegalovirus hepatitis] Balázs M. **Morphol Igazsagugyi Orv Sz** 1984 Oct; 24(4):249-57 (Eng. Abstr.) **(Hun)**

[A case of congenital cytomegalic disease: clinical and virological study] Zuccaro M, et al. **Pediatr Med Chir** 1983 Nov-Dec;5(6):603-5 (Eng. Abstr.) **(Ita)**

[Generalized form of congenital cytomegalic inclusion disease in newborn infant] Modzelewska I, et al. **Wiad Lek** 1984 Dec 15;37(24):1975-7 **(Pol)**

[Congenital cytomegalic infection manifesting itself as a severe nephrotic syndrome simulating microcystosis of the kidneys (nephrotic syndrome of the Finnish type)] Moiseenko SP, et al. **Pediatriia** 1985 Mar;(3):68-9 **(Rus)**

[Cytomegalovirus and congenital infection--serologic pregnancy screening is not suitable] Ahlfors K, et al. **Lakartidningen** 1985 Apr 24;82(17):1576-9 **(Swe)**

DIAGNOSIS

Cytomegalovirus in the mononucleosis syndrome in children. Najberg G, et al. **Acta Microbiol Pol** 1985;34(2):137-44

TORCH tests and what they mean. Sever JL. **Am J Obstet Gynecol** 1985 Jul 1;152(5):495-8

TORCH serologies and specific IgM antibody determination in acquired and congenital infections. Fung JC, et al. **Ann Clin Lab Sci** 1985 May-Jun;15(3):204-11

The diagnostic significance of specific serum IgA detection in cytomegalovirus infections. Strand OA, et al. **Arch Virol** 1984;82(3-4):173-80

Diagnostic techniques for cytomegalovirus infection. Griffiths PD. **Clin Haematol** 1984 Oct;13(3):631-44 (52 ref.)

Detection of cytomegaloviremia using monoclonal antibodies. Mazeron MC, et al. **Dev Biol Stand** 1984; 57:287-91

Gastroduodenal cytomegalovirus infection after renal transplantation. Fiberscopic observations. Kodama T, et al. **Endoscopy** 1985 Jul;17(4):157-8

Immunoglobulin M antibodies detected by enzyme-linked immunosorbent assay and radioimmunoassay in the diagnosis of cytomegalovirus infections in pregnant women and newborn infants. Stagno S, et al. **J Clin Microbiol** 1985 Jun;21(6):930-5

Rapid neutralization assay for human cytomegalovirus antibody. Zerbini M, et al. **J Clin Microbiol** 1985 Jun; 21(6):969-71

Rapid detection of human cytomegalovirus in the urine of humans. Alpert G, et al. **J Infect Dis** 1985 Sep;152(3):631-3

Rapid diagnosis of cytomegaloviral pneumonia by tissue immunofluorescence with a murine monoclonal antibody. Hackman RC, et al. **J Infect Dis** 1985 Feb;151(2):325-9

Quantitative and qualitative detection of cytomegalovirus-specific antibodies using two types of enzyme-linked immunosorbent assay. Kinane KA, et al. **J Med Virol** 1985 Aug;16(4):375-84

Detection of cytomegalovirus in urine samples by enzyme-linked immunosorbent assay. McKeating JA, et al. **J Med Virol** 1985 Aug;16(4):367-73

Virological and serological diagnosis of cytomegalovirus infection in bone marrow allograft recipients. Panjwani DD, et al. **J Med Virol** 1985 Aug;16(4):357-65

Determination of specific cytomegalovirus IgM antibodies using infected air dried cells and isolated nuclei by immunoperoxidase assay. Singer Y, et al. **J Virol Methods** 1985 May;11(1):29-39

Development and preliminary evaluation of two ELISAs for detection of anti-CMV Ig and IgM antibodies. Wielaard F, et al. **J Virol Methods** 1985 Apr;10(4):363-9

Fetal splenomegaly, ultrasound diagnosis of cytomegalovirus infection: a case report. Eliezer S, et al. **JCU** 1984 Oct; 12(8):520-1

Human cytomegalovirus infection: recent developments in diagnosis and epidemiology. Doerr HW, et al. **Klin Wochenschr** 1985 Mar 15;63(6):241-51

Rapid diagnosis of cytomegalovirus infection [letter] du Bois RM, et al. **Lancet** 1985 Jan 19;1(8421):171

Rapid diagnosis of cytomegalovirus infection in immunocompromised patients by detection of early antigen fluorescent foci. Griffiths PD, et al. **Lancet** 1984 Dec 1; 2(8414):1242-5

Monoclonal antibody for rapid laboratory detection of cytomegalovirus infections: characterization and diagnostic application. Shuster EA, et al. **Mayo Clin Proc** 1985 Sep; 60(9):577-85

Cytomegalovirus infection of the bowel in infancy: pathogenetic and diagnostic significance. Dimmick JE, et al. **Pediatr Pathol** 1984;2(1):95-102

Sonographic appearance of cytomegalovirus nephritis in a neonate. Cramer BC, et al. **Pediatr Radiol** 1985;15(1):56-7

Primary cytomegalovirus infection in adolescent pregnancy. Kumar ML, et al. **Pediatrics** 1984 Oct;74(4):493-500

Cytomegalovirus mononucleosis in children and adults: differences in clinical presentation. Pannuti CS, et al. **Scand J Infect Dis** 1985;17(2):153-6

Mucosal damage simulating acute graft-versus-host reaction in cytomegalovirus colitis. Snover DC. **Transplantation** 1985 Jun;39(6):669-70

Immunodiffusion in the diagnosis of human cytomegalovirus infection. Strulovici D, et al. **Virologie** 1984 Jul-Sep; 35(3):237-40

[Cytomegalovirus infections detected by virus isolation during a 15-year period] Plachý V, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1982; 25(5):493-505 (Eng. Abstr.) **(Cze)**

[Anatomo-clinical conference. Hôpital de la Pitié-Salpêtrière. Case n. 1 - 1985. Prolonged fever and lymphopenia in a 26-year-old woman] Bentata-Pessayre M, et al. **Ann Med Interne (Paris)** 1985;136(1):69-75 **(Fre)**

[Immunological diagnosis of cytomegalovirus infections. Application to blood transfusion centers] Aymard M, et al. **Rev Fr Transfus Immunohematol** 1984 Jun;27(3):309-21 (Eng. Abstr.) **(Fre)**

[Direct diagnostic methods for the demonstration of cytomegaloviruses in the blood] Colimon R, et al. **Rev Fr Transfus Immunohematol** 1984 Jun;27(3):323-9 (Eng. Abstr.) **(Fre)**

[Prenatally diagnosed ascites-causing cytomegalovirus infection in a fetus] Szeifert G, et al. **Morphol Igazsagugyi Orv Sz** 1985 Jul;25(3):213-6 (Eng. Abstr.) **(Hun)**

[Cytomegalovirus infection in a newborn infant primarily diagnosed as hemolytic disease of newborn] Sawa H, et al. **Wiad Lek** 1985 Jan 15;38(2):145-7 (Eng. Abstr.) **(Pol)**

[Disseminated Kaposi's sarcoma associated with cytomegalic infection and systemic candidiasis in a male homosexual patient (acquired immunodeficiency syndrome)] Simó-Camps E. **Med Clin (Barc)** 1984 Dec 8;83(19):807-11 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

9-(1,3-Dihydroxy-2-propoxymethyl)guanine for cytomegalovirus infections in patients with the acquired immunodeficiency syndrome. Bach MC, et al. **Ann Intern Med** 1985 Sep;103(3):381-2

Treatment of cytomegalovirus retinitis with 9-[2-hydroxy-1-(hydroxymethyl)ethoxymethyl]guanine. Felsenstein D, et al. **Ann Intern Med** 1985 Sep; 103(3):377-80

Activity of 9-[2-hydroxy-1-(hydroxymethyl)ethoxymethyl]guanine in the treatment of cytomegalovirus pneumonia. Shepp DH, et al. **Ann Intern Med** 1985 Sep;103(3):368-73

Parenteral acyclovir therapy for cytomegalovirus infection after renal transplantation. Nunan TO, et al. **Clin Nephrol** 1984 Jul;22(1):28-31

Human cytomegalovirus infections in vitro after treatment with arildone. Tyms AS, et al. **J Gen Virol** 1984 Dec;65 (Pt 12):2129-39

Foscarnet for cytomegalovirus pneumonitis [letter] Apperley JF, et al. **Lancet** 1985 May 18;1(8438):1151

Foscarnet for cytomegalovirus infections [letter] Ringdén O, et al. **Lancet** 1985 Jun 29;1(8444):1503-4

Acyclovir in cytomegalovirus infection 3 1/2 years after renal transplantation. An unusual case and dramatic response. Barnett PS, et al. **S Afr Med J** 1984 Oct 27; 66(17):635-7

Intravenous foscarnet for the treatment of severe cytomegalovirus infection in allograft recipients. Klintmalm G, et al. **Scand J Infect Dis** 1985;17(2):157-63

ENZYMOLOGY

Enhancement of deoxyguanosine kinase activity in human lung fibroblast cells infected with human cytomegalovirus. Lewis RA, et al. **Mol Cell Biochem** 1984 Nov;65(1):67-71

ETIOLOGY

Hypercalcemia and disseminated cytomegalovirus infection in the acquired immunodeficiency syndrome. Zaloga GP, et al. **Ann Intern Med** 1985 Mar;102(3):331-3

Disseminated talc granulomatosis. An unusual finding in a patient with acquired immunodeficiency syndrome and fatal cytomegalovirus infection. Lewis JH, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):147-50

Cytomegalovirus infection in dialysis patients. Hardiman AE, et al. **Clin Nephrol** 1985 Jan;23(1):12-7

Gastrointestinal cryptosporidiosis and cytomegalovirus enterocolitis. Altman DF. **Front Radiat Ther Oncol** 1985; 19:88-90 (10 ref.)

Widespread cytomegalovirus infection involving the gastrointestinal tract, biliary tree, and gallbladder in an immunocompromised patient [letter] Galloway PG. **Gastroenterology** 1984 Dec;87(6):1407

Studies of ocular murine cytomegalovirus infection. Hayashi K, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):486-93

The effect of the dosage of steroids on the incidence of cytomegalovirus infections in renal transplant recipients. Velasco N, et al. **J Infect** 1984 Jul;9(1):69-78

Transfusion-acquired cytomegalovirus infection in cardiac surgery patients. Preiksaitis JK, et al. **J Med Virol** 1985 Mar;15(3):283-90

Cytomegalovirus infection after bone marrow transplantation: relation of pneumonia to postgrafting immunosuppressive treatment. Skinhøj P, et al. **J Med Virol** 1984;14(2):91-9

Herpes simplex virus and cytomegalovirus infections in burned patients. Kagan RJ, et al. **J Trauma** 1985 Jan; 25(1):40-5

Interstitial pneumonia after allogeneic and autologous bone marrow transplantation. Funada H, et al. **Jpn J Clin Oncol** 1984 Dec;14 Suppl 1:519-30

Infection and bone marrow transplantation. Vianna NJ. **NY State J Med** 1984 Sep;84(9):433-4

Cytomegalovirus (CMV): the agent, its pathogenesis, and its epidemiology. Lamberson HV Jr. **Prog Clin Biol Res** 1985; 182:149-73 (78 ref.)

The problem of cytomegalovirus infection in renal allograft recipients. Kurtz JB, et al. **Q J Med** 1984 Summer; 53(211):341-9

Cytomegalovirus and the liver. Griffiths PD. **Semin Liver Dis** 1984 Nov;4(4):307-13 (83 ref.)

Cytomegalovirus infection in renal transplant patients. Cardella CJ, et al. **Transplant Proc** 1985 Aug;17(4):1959-60

Clinical significance of cytomegalovirus viremia in bone marrow transplantation. Vilmer E, et al. **Transplantation** 1985 Jul;40(1):30-5

[Ophthalmoscopic manifestations observed in AIDS] Le Hoang P, et al. **Bull Soc Ophtalmol Fr** 1984 Apr; 84(4):377-80 (Eng. Abstr.) **(Fre)**

[Post-transfusion cytomegalovirus infection in newborn infants] Brossard Y, et al. **Rev Fr Transfus Immunohematol** 1984 Jun;27(3):345-53 (Eng. Abstr.) **(Fre)**

[The role of transfusions in post-operative cytomegalovirus infections (in non-immunosuppressed subjects)] Calamy G, et al. **Rev Fr Transfus Immunohematol** 1984 Jun; 27(3):355-64 (Eng. Abstr.) **(Fre)**

[Clinical aspects of cytomegalovirus infection after allogenic bone marrow grafts] Gluckman E, et al. **Rev Fr Transfus Immunohematol** 1984 Jun;27(3):337-44 (Eng. Abstr.) **(Fre)**

[Cytomegalovirus infections in AIDS (letter)] Schmidts HL, et al. **Dtsch Med Wochenschr** 1985 May 17;110(20):818 **(Ger)**

[Post-transfusion cytomegalovirus hepatitis] Januszkiewicz J, et al. **Pol Tyg Lek** 1985 Mar 18;40(11):341-2 (Eng. Abstr.) **(Pol)**

[Cytomegalovirus infection after renal transplantation] Ianhez LE, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Mar-Apr;39(2):47-53 (Eng. Abstr.) **(Por)**

FAMILIAL & GENETIC

Host genetic factors influence murine cytomegalovirus lung infection and interstitial pneumonitis. Shanley JD. **J Gen Virol** 1984 Dec;65 (Pt 12):2121-8

Significance of herpesvirus immediate early gene expression in cellular immunity to cytomegalovirus infection. Reddehase MJ, et al. **Nature** 1984 Nov 22-28; 312(5992):369-71

IMMUNOLOGY

Cytomegalovirus (CMV) and rubella virus infection during pregnancy. A study of CMV and rubella virus antibodies in 2014 pregnant women and follow-up studies of infants at risk for intrauterine CMV infections. Haukenes G, et al. **Acta Obstet Gynecol Scand** 1984;63(5):431-5

Detection of viral and chlamydial antigens in open-lung biopsy specimens. Gleaves CA, et al. **Am J Clin Pathol** 1985 Mar;83(3):371-4

Reactivity of serologic tests for the detection of antibody specific to cytomegalovirus. Moore DG, et al.

Am J Clin Pathol 1985 May;83(5):622-5

Cytomegalovirus infection and abnormal T-lymphocyte subset ratios in homosexual men. Drew WL, et al. **Ann Intern Med** 1985 Jul;103(1):61-3

What is the role of cytomegalovirus in AIDS? Drew WL, et al. **Ann NY Acad Sci** 1984;437:320-4

HLA-DRw6 as a risk factor for active cytomegalovirus but not for herpes simplex virus infection after renal allograft transplantation. Roenhorst HW, et al. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):619-22

Maintenance of cytomegalovirus (CMV) latency and host immune responses of long term renal allograft survivors. I. Prolonged suppression of in vitro lymphocyte responses against CMV infected fibroblasts related to previous secondary CMV infection. Roenhorst HW, et al. **Clin Exp Immunol** 1985 Mar;59(3):709-15

Lymphocyte phenotype changes in congenital and acquired perinatal cytomegalovirus infections. Katikaneni LD, et al. **Diagn Immunol** 1985;3(1):38-42

Cytomegalovirus infection in homosexual men--relationship to AIDS. Drew WL. **Front Radiat Ther Oncol** 1985; 19:38-42

Pulmonary macrophage function during experimental cytomegalovirus interstitial pneumonia. Miller SA, et al. **Infect Immun** 1985 Jan;47(1):211-6

Characterization of interferon induction in mice of resistant and susceptible strains during murine cytomegalovirus infection. Allan JE, et al. **J Gen Virol** 1985 May;66 (Pt 5):1105-12

The cytotoxic response to murine cytomegalovirus. I. Parameters in vivo. Sinickas VG, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):747-55

The cytotoxic response to murine cytomegalovirus. II. In vitro requirements for generation of cytotoxic T cells. Sinickas VG, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):757-65

Lysis of human cytomegalovirus infected fibroblasts by natural killer cells: demonstration of an interferon-independent component requiring expression of early viral proteins and characterization of effector cells. Borysiewicz LK, et al. **J Immunol** 1985 Apr; 134(4):2695-701

Specific immunity after congenital or neonatal infection with cytomegalovirus or herpes simplex virus. Hayward AR, et al. **J Immunol** 1984 Nov;133(5):2469-73

The immune response to human cytomegalovirus-induced early nuclear and early membrane antigens and its possible clinical significance. Landini MP, et al. **J Infect** 1984 Nov; 9(3):257-63

Immunologic and electrophysiological response to cytomegaloviral inner ear infection in the guinea pig. Harris JP, et al. **J Infect Dis** 1984 Oct;150(4):523-30

Natural killer cell activity in infants and children excreting cytomegalovirus. Harrison CJ, et al. **J Infect Dis** 1985 Feb; 151(2):301-7

Resistance of seropositive volunteers to subcutaneous challenge with low-passage human cytomegalovirus. Plotkin SA, et al. **J Infect Dis** 1985 Apr;151(4):737-9

Deficient, HLA-restricted, cytomegalovirus-specific cytotoxic T cells and natural killer cells in patients with the acquired immunodeficiency syndrome. Rook AH, et al. **J Infect Dis** 1985 Sep;152(3):627-30

Acquisition of cytomegaloviral infections in families with young children: a serological study. Taber LH, et al. **J Infect Dis** 1985 May;151(5):948-52

Early and late antigens of human cytomegalovirus: electroimmunodiffusion assay of numbers, relationships, and reactivities with donor sera. Sweet GH, et al. **J Med Virol** 1985 Feb;15(2):137-48

Pathogenesis of murine cytomegalovirus infection in natural killer cell-depleted mice. Bukowski JF, et al. **J Virol** 1984 Oct;52(1):119-28

Cytomegalovirus early and late membrane antigens detected by antibodies in human convalescent sera. Middeldorp JM, et al. **J Virol** 1985 Apr;53(4):240-4

Interstitial murine cytomegalovirus pneumonia after irradiation: characterization of cells that limit viral replication during established infection of the lungs. Reddehase MJ, et al. **J Virol** 1985 Aug;55(2):264-73

Prevalence of cytomegalovirus antibodies in obstetric nurses. A study in a specialist metropolitan teaching hospital. Hatherley LI. **Med J Aust** 1985 Feb 4;142(3):186-9

T-lymphocyte subpopulations and function during murine cytomegalovirus infection. Sell MS, et al. **Pediatr Res** 1985 Jun;19(6):583-7

Cytomegalovirus infects human lymphocytes and monocytes: virus expression is restricted to immediate-early gene products. Rice GP, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6134-8

CALLA-positive bone marrow B lymphocytes in cytomegalovirus-infectious mononucleosis (case report). Ruiz-Argüelles GJ, et al. **Rev Invest Clin** 1985 Apr-Jun; 37(2):135-7

Cytomegalovirus--an update. Sommerville RG. **Scott Med J** 1984 Jan;29(1):2-3

Virus-specific cytotoxic lymphocyte responses are predictive of the outcome of cytomegalovirus infection of renal transplant recipients. Rook AH, et al. **Transplant Proc** 1984 Dec;16(6):1466-9

The effect of cytomegalovirus and Epstein-Barr virus infection on T lymphocyte subsets in cardiac transplant patients on cyclosporine. Dummer JS, et al. **Transplantation** 1984 Oct;38(4):433-5

Augmentation of graft-versus-host reaction by cytomegalovirus infection resulting in interstitial pneumonitis. Grundy JE, et al. **Transplantation** 1985 May; 39(5):548-53

Cytomegalovirus infection associated with and preceding chronic graft-versus-host disease. Lönnqvist B, et al. **Transplantation** 1984 Nov;38(5):465-8

Faster immunological recovery after bone marrow transplantation in patients without cytomegalovirus infection. Paulin T, et al. **Transplantation** 1985 Apr; 39(4):377-84

Multicenter seroepidemiologic study of the impact of cytomegalovirus infection on renal transplantation. Rubin RH, et al. **Transplantation** 1985 Sep;40(3):243-9

The role of pretransplant immunity in protection from cytomegalovirus disease following renal transplantation. Smiley ML, et al. **Transplantation** 1985 Aug;40(2):157-61

Complement activation associated with active cytomegalovirus infection in renal transplant patients, and its absence in transplant rejection episodes. van Son WJ, et al. **Transplantation** 1985 May;39(5):510-4

[Immunity related to cytomegalovirus after allogenic bone marrow transplantation: role of donor immunity to cytomegalovirus in the incidence of cytomegalovirus infection in recipients] Rabian-Herzog C, et al. **Rev Fr Transfus Immunohematol** 1984 Jun;27(3):331-6 (Eng. Abstr.) **(Fre)**

[Changes in the titre of cytomegalovirus antibodies in patients on long-term dialysis treatment] Szepietowski T, et al. **Pol Arch Med Wewn** 1984 Jun;71(6):363-71 (Eng. Abstr.) **(Pol)**

METABOLISM

Increased accumulation of a lipophilic cation (tetraphenylphosphonium) in human embryo fibroblasts after infection with cytomegalovirus. Landini MP, et al. **J Gen Virol** 1984 Dec;65 (Pt 12):2269-72

Cytomegalovirus DNA in colorectal carcinoma tissues. Rüger R, et al. **Klin Wochenschr** 1985 May 2;63(9):405-8

Abnormal glucose metabolism in murine cytomegalovirus (MCMV)-infected mice. Hayashi K, et al. **Microbiol Immunol** 1985;29(5):429-39

Increased susceptibility to parathion poisoning following murine cytomegalovirus infection. Selgrade MK, et al. **Toxicol Appl Pharmacol** 1984 Nov;76(2):356-64

Glycosphingolipid synthesis in human fibroblasts infected by cytomegalovirus. Radsak K, et al. **Virology** 1984 Oct 30; 138(2):300-9

MICROBIOLOGY

In vivo model for the acute, latent and reactivated phases of cytomegalovirus infection. Gönczöl E, et al. **Acta Microbiol Hung** 1985;32(1):39-47

Molecular epidemiology of cytomegalovirus infections associated with bone marrow transplantation. Winston DJ, et al. **Ann Intern Med** 1985 Jan;102(1):16-20

Role of cytomegalovirus in Kaposi's sarcoma. Giraldo G, et al. **IARC Sci Publ** 1984;(63):583-606 (60 ref.)

Cytomegalovirus infection of human teratocarcinoma cells in culture. Gönczöl E, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):509-15

Monoclonal antibodies recognizing early and late antigens of human cytomegalovirus: heterogeneity of polypeptides recognized between virus isolates. Rodgers BC, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):2045-9

The relation of viral replication to interstitial pneumonitis in murine cytomegalovirus lung infection. Shanley JD, et al. **J Infect Dis** 1985 Mar;151(3):454-8

Activation of latent murine cytomegalovirus in cardiac explant and cell cultures. Wilson EJ, et al. **J Infect Dis** 1985 Sep;152(3):625-6

The placenta as a site of cytomegalovirus infection in guinea pigs. Griffith BP, et al. **J Virol** 1985 Aug;55(2):402-9

Cytomegalovirus infection in patients undergoing noncardiac surgical procedures. Rader DL, et al. **Surg Gynecol Obstet** 1985 Jan;160(1):13-6

NURSING

TORCH: a literature review and implications for practice. Haggerty L. **J Obstet Gynecol Neonatal Nurs** 1985 Mar-Apr;14(2):124-9

OCCURRENCE

Cytomegalovirus and Epstein-Barr virus infection in renal transplant recipients. Zhao JQ, et al. **Chin Med J [Engl]** 1985 Apr;98(4):292-4

Prevalence of cytomegalovirus antibody in nursing personnel. Lipscomb JA, et al. **Infect Control** 1984 Nov; 5(11):513-8

Cytomegaloviral infections in infant-toddler centers: centers for the developmentally delayed versus regular day care. Jones LA, et al. **J Infect Dis** 1985 May;151(5):953-5

Leads from the MMWR. Prevalence of cytomegalovirus excretion from children in five day-care centers. **JAMA** 1985 Mar 1;253(9):1236, 1239-40

Cytomegalovirus: the challenge of a common virus infection [editorial] Hayes K. **Med J Aust** 1985 Feb 4;142(3):174-6

Prevalence of cytomegalovirus excretion from children in five day-care centers--Alabama. **MMWR** 1985 Feb 1; 34(4):49-51

IgG antibodies to cytomegalovirus in a normal urban Swedish population. Ahlfors K. **Scand J Infect Dis** 1984; 16(4):335-7

Increased prevalence of cytomegalovirus antibodies in homosexual men with syphilis: relation to sexual behaviour. Kryger P, et al. **Scand J Infect Dis** 1984;16(4):381-4

[Epidemiological and immunological research on cytomegaly in parturients and newborn infants among the indigenous and immigrant population in the Far North] Tiukavkin VV, et al. **Vopr Virusol** 1985 Mar-Apr;30(2):215-9 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Alteration of bronchoalveolar cells during murine cytomegalovirus interstitial pneumonitis. Shanley JD, et al. **Am Rev Respir Dis** 1985 Jul;132(1):77-81

Rectal epithelium in the acquired immunodeficiency syndrome [letter] Snover DC. **Ann Intern Med** 1985 Feb; 102(2):278-9

Cytomegalovirus encephalitis in a patient with acquired immunodeficiency syndrome [letter] Vital C, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):105-6

Abortive infection with human cytomegalovirus induces an alteration of growth pattern: morphological changes with cytocidal effect in rabbit kidney epithelial cells. Brief report. Kamiya S, et al. **Arch Virol** 1985;86(1-2):143-50

Cytomegalovirus colitis. Report of the clinical, endoscopic, and pathologic findings in two patients with the acquired immune deficiency syndrome. Meiselman MS, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):171-5

Vesiculobullous lesions caused by cytomegalovirus infection in an immunocompromised adult. Bhawan J, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 2):743-7

Disseminated CMV infection [letter] Kotler DP, et al. **JAMA** 1985 Jun 7;253(21):3093-4

Bilateral acute retinal necrosis (BARN). Identification of the presumed infectious agent. Rungger-Brändle E, et al. **Ophthalmology** 1984 Dec;91(12):1648-58

[Histological study of retinal necrosis due to cytomegalovirus in AIDS] Dhermy P, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):381-4 **(Fre)**

[Morphology and problems of the morphogenesis of cytomegalic sialadenitis] Samokhin PA, et al. **Arkh Patol** 1984;46(9):69-75 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Significance of gastrointestinal cytomegalovirus infection in homosexual males. Blackman E, et al. **Am J Gastroenterol** 1984 Dec;79(12):935-40

Hearing loss in experimental cytomegalovirus infection of the guinea pig inner ear: prevention by systemic immunity. Woolf NK, et al. **Ann Otol Rhinol Laryngol** 1985 Jul-Aug; 94(4 Pt 1):350-6

PREVENTION & CONTROL

Cytomegalovirus vaccine virus (Towne strain) does not induce latency. Plotkin SA, et al. **J Infect Dis** 1985 Aug; 152(2):395-7

Importance of highly sensitive serological tests for cytomegalovirus in bone marrow transplant patients [letter] Osterwalder B, et al. **Lancet** 1985 Aug 24;2(8452):442

Cytomegalovirus antibody screening of blood donors for immunocompromised seronegative patients [letter] Ringdén O, et al. **Lancet** 1984 Nov 3;2(8410):1044

Epidemiology of cytomegaloviral infections: recommendations for prevention and control. Onorato IM, et al. **Rev Infect Dis** 1985 Jul-Aug;7(4):479-97 (194 ref.)

The genetic background modulates the effect of the beige gene on susceptibility to cytomegalovirus infection in mice. Shellam GR, et al. **Scand J Immunol** 1985 Aug;22(2):147-55

Primary cytomegalovirus infection and its prevention after autologous bone marrow transplantation. Verdonck LF, et al. **Transplantation** 1985 Apr;39(4):455-7

Cytomegalovirus vaccine: persistence of humoral immunity following immunization of renal transplant candidates. Sachs GW, et al. **Vaccine** 1984 Sep;2(3):215-8

RADIONUCLIDE IMAGING

Cytomegalovirus infection with perfusion defects on the lung scan. Boers M, et al. **Infection** 1984 Jul-Aug;12(4):265-7

Radionuclide scintigraphy in cytomegalovirus-related renal allograft dysfunction. Schulak JA, et al. **Transplant Proc** 1985 Apr;17(2):1758-62

THERAPY

Interleukin 2 therapy in infectious diseases: rationale and prospects. Siegel JP, et al. **Infection** 1984 Jul-Aug; 12(4):298-302

Intravenous lymphoblastoid interferon and acyclovir for treatment of cytomegaloviral pneumonia. Shepp DH, et al. **J Infect Dis** 1984 Nov;150(5):776-7

Specific hyperimmune globulin for cytomegalovirus pneumonitis [letter] Blacklock HA, et al. **Lancet** 1985 Jul 20;2(8447):152-3

Regression of progressive lymphadenopathy in a young child with acute cytomegalovirus (CMV) infection following the administration of transfer factor with specific anti-CMV activity. Nkrumah F, et al. **Lymphokine Res** 1985 Summer; 4(3):237-41

Withdrawal of azathioprine and antilymphocyte globulins in kidney transplant recipients with cytomegalovirus. Mourad G, et al. **Transplant Proc** 1984 Oct;16(5):1313–5

[Preparation of a specific anti-cytomegalovirus immunoglobulin for intravenous injection] Maniez-Montreuil M, et al. **Rev Fr Transfus Immunohematol** 1984 Jun;27(3):375–82 (Eng. Abstr.) (Fre)

[Clinical use of immunoglobulin titers of anti-cytomegalovirus antibodies] Pouteil-Noble C, et al. **Rev Fr Transfus Immunohematol** 1984 Jun;27(3):365–74 (Eng. Abstr.) (Fre)

TRANSMISSION

Cytomegalovirus: an occupational hazard? Committee on Infectious Diseases and Immunization, Canadian Paediatric Society. **Can Med Assoc J** 1984 Oct 1;131(7):730

Serological screening for the prevention of transfusion-acquired cytomegalovirus infection. Musiani M, et al. **J Infect** 1984 Sep;9(2):148–52

Relation of titers of antibodies to CMV in blood donors to the transmission of cytomegalovirus infection. Beneke JS, et al. **J Infect Dis** 1984 Dec;150(6):883–8

Use of deglycerolized red blood cells to prevent posttransfusion infection with cytomegalovirus in neonates. Brady MT, et al. **J Infect Dis** 1984 Sep;150(3):334–9

The epidemiology of cytomegaloviral infection in women attending a sexually transmitted disease clinic. Chandler SH, et al. **J Infect Dis** 1985 Sep;152(3):597–605

Cytomegalovirus infection in sex partners: evidence for sexual transmission. Handsfield HH, et al. **J Infect Dis** 1985 Feb;151(2):344–8

Epidemiology and transmission of cytomegalovirus. Pass RF. **J Infect Dis** 1985 Aug;152(2):243–8 (66 ref.)

Epidemiology of cytomegalovirus infections in young children: day care vs. home care. Hutto C, et al. **Pediatr Infect Dis** 1985 Mar-Apr;4(2):149–52

Child care workers and children with congenital cytomegalovirus infection. Pass RF, et al. **Pediatrics** 1985 May;75(5):971–3

Cytomegalovirus and blood transfusion. Tegtmeier GE. **Prog Clin Biol Res** 1985;182:175–99 (87 ref.)

Transmission of latent cytomegalovirus in a murine kidney tissue transplantation model. Hamilton JD, et al. **Transplantation** 1985 Mar;39(3):290–6

[Physiopathology of cytomegalovirus infections] Pérol Y. **Rev Fr Transfus Immunohematol** 1984 Jun;27(3):295–300 (Eng. Abstr.) (Fre)

[incidence of cytomegalovirus infections following transplantation of kidneys from seropositive and seronegative donors] Kaden J, et al. **Z Urol Nephrol** 1985 May;78(5):267–71 (Eng. Abstr.) (Ger)

[Cytomegalovirus: an unwanted effect of blood transfusion] Galli MG. **Boll Ist Sieroter Milan** 1984 Jul 31;63(3):219–22 (Ita)

URINE

Urinary cytology of cytomegalovirus infection associated with systemic lupus erythematosus [letter] Iwa N, et al. **Acta Cytol (Baltimore)** 1984 Nov-Dec;28(6):775–6

VETERINARY

Disseminated cytomegalovirus disease in the guinea pig. Van Hoosier GL Jr, et al. **Lab Anim Sci** 1985 Feb;35(1):81–4

CYTOMEGALOVIRUSES

The use of DNA probes in studies of human cytomegalovirus. Spector SA, et al. **Clin Chem** 1985 Sep;31(9):1514–20

Rapid detection of human cytomegalovirus in the urine of humans. Alpert G, et al. **J Infect Dis** 1985 Sep;152(3):631–3

Detection of cytomegalovirus by DNA-DNA hybridization employing probes labelled with 32-phosphorus or biotin. McKeating JA, et al. **J Virol Methods** 1985 Jul;11(3):207–16

Cytomegalovirus (CMV): the agent, its pathogenesis, and its epidemiology. Lamberson HV Jr. **Prog Clin Biol Res** 1985; 182:149–73 (78 ref.)

ANALYSIS

Characterization of the human cytomegalovirus envelope glycoproteins. Farrar GH, et al. **J Gen Virol** 1984 Nov;65 (Pt 11):1991–2001

DNA of 21 clinical cytomegalovirus strains detected by hybridization to cloned DNA fragments of laboratory strain AD-169. Chou SW, et al. **J Med Virol** 1984; 14(3):263–8

[Seroepidemiology of cytomegaloviruses in blood donors from Antananarivo Military Hospital] Ravaoarinoro M, et al. **Arch Inst Pasteur Madagascar** 1984;51(1):139–43 (Fre)

[Direct diagnostic methods for the demonstration of cytomegaloviruses in the blood] Colimon R, et al. **Rev Fr Transfus Immunohematol** 1984 Jun;27(3):323–9 (Eng. Abstr.) (Fre)

CLASSIFICATION

Application of 'Hirt supernatant' DNA to the molecular epidemiology of cytomegalovirus infections. Eizuru Y, et al. **J Clin Microbiol** 1984 Nov;20(5):1012–4

Identification of multiple cytomegalovirus strains in homosexual men with acquired immunodeficiency syndrome. Spector SA, et al. **J Infect Dis** 1984 Dec; 150(6):953–6

DRUG EFFECTS

Inhibition of human cytomegalovirus replication by 9-(1,3-dihydroxy-2-propoxymethyl)guanine alone and in combination with human interferons. Rasmussen L, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):441–5

Comparison of antiviral activities of cloned and native human interferons against herpes simplex virus types 1 and 2 and human cytomegalovirus. Rasmussen LE, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):599–600

Inhibition of human cytomegalovirus by combined acyclovir and vidarabine. Spector SA, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):600–4

Effect of DNA polymerase inhibitors on the replication of human cytomegalovirus. Brief report. Gönczöl E, et al. **Arch Virol** 1985;84(1–2):129–34

Inhibition of cellular DNA polymerase alpha and human cytomegalovirus-induced DNA polymerase by the triphosphates of 9-(2-hydroxyethoxymethyl)guanine and 9-(1,3-dihydroxy-2-propoxymethyl)guanine. Mar EC, et al. **J Virol** 1985 Mar;53(3):776–80

Genetic analysis of the susceptibility of mouse cytomegalovirus to acyclovir. Sandford GR, et al. **J Virol** 1985 Apr;53(4):104–13

BWB759U, an analogue of acyclovir, inhibits human cytomegalovirus in vitro [letter] Tyms AS, et al. **Lancet** 1984 Oct 20;2(8408):924–5

GENETICS

Effects of pregnant mouse serum and pregnancy hormones on the replication in vitro of murine cytomegalovirus. Chong KT, et al. **Arch Virol** 1984;82(3–4):223–31

Polyamine metabolism and virus replication. Williamson JD. **Biochem Soc Trans** 1985 Apr;13(2):331–2

A very strong enhancer is located upstream of an immediate early gene of human cytomegalovirus. Boshart M, et al. **Cell** 1985 Jun;41(2):521–30

A human nucleolar antigen (pp90) associated with cell growth and its induction by Epstein-Barr virus and human cytomegalovirus. Kamata T, et al. **Int J Cancer** 1984 Nov 15;34(5):657–65

Analysis of bovine cytomegalovirus genome structure: cloning and mapping of the monomeric polyrepetitive DNA unit, and comparison of European and American strains. Ehlers B, et al. **J Gen Virol** 1985 Jan;66 (Pt 1):55–68

An ultrastructural investigation of cytomegalovirus replication in murine hepatocytes. Papadimitriou JM, et al. **J Gen Virol** 1984 Nov;65 (Pt 11):1979–90

Effect of heat shock on Epstein-Barr virus and cytomegalovirus expression. Zerbini M, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):633–6

Restriction enzyme analysis of human cytomegalovirus using DNA extracted from infected cells. Grillner L, et al. **J Med Virol** 1984;14(4):313–22

Nucleotide sequence of a human cytomegalovirus DNA fragment encoding a 67-kilodalton phosphorylated viral protein. Davis MG, et al. **J Virol** 1985 Oct;56(1):7–11

Mapping and expression of a human cytomegalovirus major viral protein. Davis MG, et al. **J Virol** 1984 Oct; 52(1):129–35

Characterization of the guinea pig cytomegalovirus genome by molecular cloning and physical mapping. Gao M, et al. **J Virol** 1984 Nov;52(2):436–47

Characterization of the major immediate-early polypeptides encoded by murine cytomegalovirus. Keil GM, et al. **J Virol** 1985 May;54(2):422–8

Analysis of the major transcripts encoded by the long repeat of human cytomegalovirus strain AD169. McDonough SH, et al. **J Virol** 1985 Mar;53(3):711–8

Fusion of the termini of the murine cytomegalovirus genome after infection. Marks JR, et al. **J Virol** 1984 Oct;52(1):24–8

Cell-related sequences in the DNA genome of human cytomegalovirus strain AD169. Shaw SB, et al. **J Virol** 1985 Sep;55(3):843–8

The alpha sequence of the cytomegalovirus genome functions as a cleavage/packaging signal for herpes simplex virus defective genomes. Spaete RR, et al. **J Virol** 1985 Jun; 54(3):817–24

Regulation of cytomegalovirus gene expression: alpha and beta promoters are trans activated by viral functions in permissive human fibroblasts. Spaete RR, et al. **J Virol** 1985 Oct;56(1):135–43

Activation of the major immediate early gene of human cytomegalovirus by cis-acting elements in the promoter-regulatory sequence and by virus-specific trans-acting components. Stinski MF, et al. **J Virol** 1985 Aug;55(2):431–41

Structure of the heterogeneous L-S junction region of human cytomegalovirus strain AD169 DNA. Tamashiro JC, et al. **J Virol** 1984 Nov;52(2):541–8

A simple technique for endonuclease mapping of cytomegaloviruses. Garrett AJ, et al. **J Virol Methods** 1985 Mar;10(3):187–94

Nucleotide sequence of the transforming region of human cytomegalovirus. Kouzarides T, et al. **Mol Biol Med** 1983 Jul;1(1):47–58

Abundant constitutive expression of the immediate-early 94K protein from cytomegalovirus (Colburn) in a DNA-transfected mouse cell line. Jeang KT, et al. **Mol Cell Biol** 1984 Oct;4(10):2214–23

Sequences in human cytomegalovirus which hybridize with the avian retrovirus oncogene v-myc are G + C rich and do not hybridize with the human c-myc gene. Rasmussen RD, et al. **Mol Cell Biol** 1985 Jun;5(6):1525–30

Precise localization of genes on large animal virus genomes: use of lambda gt11 and monoclonal antibodies to map the gene for a cytomegalovirus protein family. Mocarski ES, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1266–70

Cytomegalovirus infects human lymphocytes and monocytes: virus expression is restricted to immediate-early gene products. Rice GP, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6134–8

Complementation of an adenovirus 5 immediate early mutant by human cytomegalovirus. Tevethia MJ, et al. **Virology** 1984 Sep;137(2):428–31

The structure of the major immediate early gene of human cytomegalovirus strain AD169. Akrigg A, et al. **Virus Res** 1985 Mar;2(2):107–21

Transcription of the immediate early genes of human cytomegalovirus strain AD169. Wilkinson GW, et al. **Virus Res** 1984;1(2):101–6

GROWTH & DEVELOPMENT

In vivo model for the acute, latent and reactivated phases of cytomegalovirus infection. Gönczöl E, et al. **Acta Microbiol Hung** 1985;32(1):39–47

Adoptive transfer studies demonstrating the antiviral effect of natural killer cells in vivo. Bukowski JF, et al. **J Exp Med** 1985 Jan 1;161(1):40–52

Cytomegalovirus infection of human teratocarcinoma cells in culture. Gönczöl E, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):509–15

Increased accumulation of a lipophilic cation (tetraphenylphosphonium) in human embryo fibroblasts after infection with cytomegalovirus. Landini MP, et al. **J Gen Virol** 1984 Dec;65 (Pt 12):2269–72

Activation of latent murine cytomegalovirus in cardiac explant and cell cultures. Wilson EJ, et al. **J Infect Dis** 1985 Sep;152(3):625–6

Lytic cytomegalovirus replication and the hormones of human pregnancy. Koment RW. **J Med Virol** 1985 Feb; 15(2):149–56

The placenta as a site of cytomegalovirus infection in guinea pigs. Griffith BP, et al. **J Virol** 1985 Aug;55(2):402–9

Supernatant virus release as a differentiating marker between low passage and vaccine strains of human cytomegalovirus. Yamane Y, et al. **Vaccine** 1983 Dec;1(1):23–5

IMMUNOLOGY

Reactivity of serologic tests for the detection of antibody specific to cytomegalovirus. Moore DG, et al. **Am J Clin Pathol** 1985 May;83(5):622–5

What is the role of cytomegalovirus in AIDS? Drew WL, et al. **Ann NY Acad Sci** 1984;437:320–4

Cytomegalovirus-induced immunosuppression. Hirsch MS, et al. **Ann NY Acad Sci** 1984;437:8–15 (21 ref.)

Prevalence of viral antibodies and leukocyte abnormalities among blood donors considering themselves at risk of exposure to AIDS. Pindyck J, et al. **Ann NY Acad Sci** 1984;437:472–84

Modulation of virus-specific immunity in vitro by the addition of interleukin-1 and interleukin-2 in patients with the acquired immune deficiency syndrome. Sheridan JF, et al. **Ann NY Acad Sci** 1984;437:530–4

Comparison of complement fixation, immunofluorescence and immunoenzymatic tests for routine detection of cytomegalovirus IgG antibodies. Ammendolia L, et al. **Boll Ist Sieroter Milan** 1984 Jul 31;63(3):216–8

Comparison of the occurrence of antibodies to human cytomegalovirus as demonstrated by complement fixation, enzyme-linked-immunosorbent assay and indirect immunofluorescence. Landini MP, et al. **Boll Ist Sieroter Milan** 1982;61(4):320–3

Cytomegalovirus and schizophrenia. A test of a viral hypothesis. Shrikhande S, et al. **Br J Psychiatry** 1985 May; 146:503–6

Human anti-cytomegalovirus (CMV) immunoglobulins secreted by EBV-transformed B-lymphocytes cell lines. Amadei C, et al. **Dev Biol Stand** 1984;57:283–6

Evaluation of CMV total antibody EIA. An enzyme immunoassay for detection of antibodies to cytomegalovirus. Chairez R, et al. **Diagn Microbiol Infect Dis** 1985 Sep;3(5):403–10

Cytomegalovirus antibody detection by three commercially available assays and complement fixation. Mayo DR, et al. **Diagn Microbiol Infect Dis** 1985 Sep;3(5):455–9

Role of cytomegalovirus in Kaposi's sarcoma. Giraldo G, et al. **IARC Sci Publ** 1984;(63):583–606 (60 ref.)

Prevalence of cytomegalovirus antibody in nursing personnel. Lipscomb JA, et al. **Infect Control** 1984 Nov; 5(11):513–8

Interferon induction in human leukocytes after in vitro exposure to cytomegalovirus or Epstein-Barr virus. Einhorn L, et al. **Intervirology** 1985;23(3):140–9

Detection of cytomegalovirus antibody with latex agglutination. Adler SP, et al. **J Clin Microbiol** 1985 Jul; 22(1):68–70

Comparison of a latex agglutination test with five other methods for determining the presence of antibody against cytomegalovirus. Beckwith DG, et al. **J Clin Microbiol**

1985 Mar;21(3):328–31

Antibody response to cytomegalovirus polypeptides captured by monoclonal antibodies on the solid phase in enzyme immunoassays. Cremer NE, et al. **J Clin Microbiol** 1985 Apr;21(4):517–21

Detection of immunoglobulin M and G antibodies against cytomegalovirus early and late antigens by enzyme-linked immunosorbent assay. Middeldorp JM, et al. **J Clin Microbiol** 1984 Oct;20(4):763–71

Immunoglobulin M antibodies detected by enzyme-linked immunosorbent assay and radioimmunoassay in the diagnosis of cytomegalovirus infections in pregnant women and newborn infants. Stagno S, et al. **J Clin Microbiol** 1985 Jun;21(6):930–5

Quantitation of immunoglobulin E antibody to cytomegalovirus by antibody capture enzyme-linked immunosorbent assay. van Loon AM, et al. **J Clin Microbiol** 1985 Apr;21(4):558–61

Rapid neutralization assay for human cytomegalovirus antibody. Zerbini M, et al. **J Clin Microbiol** 1985 Jun; 21(6):969–71

Micromodified cytomegalovirus antibody screening test. Henry SM, et al. **J Clin Pathol** 1985 Jan;38(1):111–3

Monoclonal antibodies recognizing early and late antigens of human cytomegalovirus: heterogeneity of polypeptides recognized between virus isolates. Rodgers BC, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):2045–9

A 64,000 dalton matrix protein of human cytomegalovirus induces in vitro immune responses similar to those of whole viral antigen. Forman SJ, et al. **J Immunol** 1985 May; 134(5):3391–5

Specific immunity after congenital or neonatal infection with cytomegalovirus or herpes simplex virus. Hayward AR, et al. **J Immunol** 1984 Nov;133(5):2469–73

Immunostimulation by cytomegalovirus (CMV): helper T cell-dependent activation of immunoglobulin production in vitro by lymphocytes from CMV-immune donors. Yachie A, et al. **J Immunol** 1985 Aug;135(2):1395–400

A whole-blood lymphoproliferation assay for measuring cellular immunity against herpes viruses. Leroux M, et al. **J Immunol Methods** 1985 May 23;79(2):251–62

Reduction in non-specific binding in enzyme immunoassays using casein hydrolysate in serum diluents [letter] Robertson PW, et al. **J Immunol Methods** 1985 Jan 21; 76(1):195–7

The immune response to human cytomegalovirus-induced early nuclear and early membrane antigens and its possible clinical significance. Landini MP, et al. **J Infect** 1984 Nov; 9(3):257–63

Serological screening for the prevention of transfusion-acquired cytomegalovirus infection. Musiani M, et al. **J Infect** 1984 Sep;9(2):148–52

Relation of titers of antibodies to CMV in blood donors to the transmission of cytomegalovirus infection. Beneke JS, et al. **J Infect Dis** 1984 Dec;150(6):883–8

Rapid diagnosis of cytomegaloviral pneumonia by tissue immunofluorescence with a murine monoclonal antibody. Hackman RC, et al. **J Infect Dis** 1985 Feb;151(2):325–9

Cytomegalovirus vaccine virus (Towne strain) does not induce latency. Plotkin SA, et al. **J Infect Dis** 1985 Aug; 152(2):395–7

Resistance of seropositive volunteers to subcutaneous challenge with low-passage human cytomegalovirus. Plotkin SA, et al. **J Infect Dis** 1985 Apr;151(4):737–9

Deficient, HLA-restricted, cytomegalovirus-specific cytotoxic T cells and natural killer cells in patients with the acquired immunodeficiency syndrome. Rook AH, et al. **J Infect Dis** 1985 Sep;152(3):627–30

Serological heterogeneity of CMV isolates with a monoclonal antibody [letter] Volpi A, et al. **J Infect Dis** 1985 Sep; 152(3):648–9

Quantitative and qualitative detection of cytomegalovirus-specific antibodies using two types of enzyme-linked immunosorbent assay. Kinane KA, et al. **J Med Virol** 1985 Aug;16(4):375–84

Persistence of serum IgA antibodies to herpes simplex, varicella-zoster, cytomegalovirus, and rubella virus detected by enzyme-linked immunosorbent assays. Morris GE, et al. **J Med Virol** 1985 Aug;16(4):343–9

The effects of human cytomegalovirus challenge in vitro on subpopulations of T cells from seronegative donors. Sing GK, et al. **J Med Virol** 1984;14(4):363–71

Early and late antigens of human cytomegalovirus: electroimmunodiffusion assay of numbers, relationships, and reactivities with donor sera. Sweet GH, et al. **J Med Virol** 1985 Feb;15(2):137–48

Natural killing (NK) of cytomegalovirus (CMV)-infected fibroblasts: a comparison between two strains of CMV, uninfected fibroblasts, and K562 cells. Waner JL, et al. **J Med Virol** 1985 Jul;16(3):233–44

Cytomegalovirus early and late membrane antigens detected by antibodies in human convalescent sera. Middeldorp JM, et al. **J Virol** 1985 Apr;53(4):240–4

Viral polypeptides detected by a complement-dependent neutralizing murine monoclonal antibody to human cytomegalovirus. Rasmussen L, et al. **J Virol** 1985 Aug; 55(2):274–80

Monocyte-derived inhibitor of interleukin 1 induced by human cytomegalovirus. Rodgers BC, et al. **J Virol** 1985 Sep;55(3):527–32

Comparison of an enzyme-linked immunoassay with an indirect hemagglutination assay for the detection of antibodies to cytomegalovirus. Chairez R, et al. **J Virol Methods** 1984 Oct;9(2):153–61

Sensitive analytic ELISAs for subclass herpes virus IgG. Gilljam G, et al. **J Virol Methods** 1985 Mar;10(3):203–14

Determination of specific cytomegalovirus IgM antibodies using infected air dried cells and isolated nuclei by immunoperoxidase assay. Singer Y, et al. **J Virol Methods** 1985 May;11(1):29–39

Coxsackie B, mumps, rubella, and cytomegalovirus specific IgM responses in patients with juvenile-onset insulin-dependent diabetes mellitus in Britain, Austria, and Australia. Banatvala JE, et al. **Lancet** 1985 Jun 22; 1(8443):1409–12

Importance of highly sensitive serological tests for cytomegalovirus in bone marrow transplant patients [letter] Osterwalder B, et al. **Lancet** 1985 Aug 24;2(8452):442

Cytomegalovirus antibody screening of blood donors for immunocompromised seronegative patients [letter] Ringdén O, et al. **Lancet** 1984 Nov 3;2(8410):1044

Regression of progressive lymphadenopathy in a young child with acute cytomegalovirus (CMV) infection following the administration of transfer factor with specific anti-CMV activity. Nkrumah F, et al. **Lymphokine Res** 1985 Summer; 4(3):237–41

Antiprostate carcinoma monoclonal antibody (D83.21) cross reacts with a membrane antigen expressed on cytomegalovirus-transformed human fibroblasts. Campbell AE, et al. **Prostate** 1985;6(2):205–15

Effect of cyclosporin and interleukin-2 on the restoration of in vitro immune responses to cytomegalovirus. Converse PJ, et al. **Scand J Immunol** 1985 Feb;21(2):109–18

IgG antibodies to cytomegalovirus in a normal urban Swedish population. Ahlfors K. **Scand J Infect Dis** 1984; 16(4):335–7

Increased prevalence of cytomegalovirus antibodies in homosexual men with syphilis: relation to sexual behaviour. Kryger P, et al. **Scand J Infect Dis** 1984;16(4):381–4

Virus-specific cytotoxic lymphocyte responses are predictive of the outcome of cytomegalovirus infection of renal transplant recipients. Rook AH, et al. **Transplant Proc** 1984 Dec;16(6):1466–9

A pilot trial of a novel cytomegalovirus immune globulin in renal transplant recipients. Snydman DR, et al. **Transplantation** 1984 Nov;38(5):553–7

IgG-subclass-specific CMV reactivity in bone marrow transplant recipients. Wahren B, et al. **Transplantation** 1984 Nov;38(5):479–83

Cytomegalovirus vaccine: persistence of humoral immunity following immunization of renal transplant candidates. Sachs GW, et al. **Vaccine** 1984 Sep;2(3):215–8

Detection of antibodies to bovid herpesvirus 4 by ELISA. Edwards S, et al. **Vet Microbiol** 1985 Jan;10(2):149–54

Polymorphism of human cytomegalovirus glycoproteins characterized by monoclonal antibodies. Pereira L, et al. **Virology** 1984 Nov;139(1):73–86

Human cytomegalovirus polypeptides stimulate neutralizing antibody in vivo. Rasmussen L, et al. **Virology** 1985 Aug; 145(1):186–90

Assessment of methods for cytomegalovirus antibody testing of blood donations. Chung A, et al. **Vox Sang** 1984; 47(5):343–7

Incidences of antibodies to hepatitis B, herpes simplex and cytomegalovirus in prostitutes. Dannenmaier B, et al. **Zentralbl Bakteriol Mikrobiol Hyg** [A] 1985 Apr; 259(2):275–83

[Quick detection of anticytomegalovirus antibodies (letter)] Barthez JP. **Presse Med** 1985 May 11;14(19):1098–9 (Fre)

[Rapid detection of antigens of cytomegalovirus in human tissues (letter)] Bene MC, et al. **Presse Med** 1984 Dec 15; 13(45):2764 (Fre)

[Immunological diagnosis of cytomegalovirus infections. Application to blood transfusion centers] Aymard M, et al. **Rev Fr Transfus Immunohematol** 1984 Jun;27(3):309–21 (Eng. Abstr.) (Fre)

[Frequency of anti-HBV, CMV, and HTLV antibodies in donors at risk] Courouce AM, et al. **Rev Fr Transfus Immunohematol** 1984 Sep;27(4):521–4 (Eng. Abstr.) (Fre)

[Preparation of a specific anti-cytomegalovirus immunoglobulin for intravenous injection] Maniez-Montreuil M, et al. **Rev Fr Transfus Immunohematol** 1984 Jun;27(3):375–82 (Eng. Abstr.) (Fre)

[Antigens of human cytomegalovirus] Michelson S. **Rev Fr Transfus Immunohematol** 1984 Jun;27(3):301–7 (Eng. Abstr.) (Fre)

[Clinical use of immunoglobulin titers of anti-cytomegalovirus antibodies] Pouteil-Noble C, et al. **Rev Fr Transfus Immunohematol** 1984 Jun;27(3):365–74 (Eng. Abstr.) (Fre)

[Immunity related to cytomegalovirus after allogenic bone marrow transplantation: role of donor immunity to cytomegalovirus in the incidence of cytomegalovirus infection in recipients] Rabian-Herzog C, et al. **Rev Fr Transfus Immunohematol** 1984 Jun;27(3):331–6 (Eng. Abstr.) (Fre)

[Problems posed by the preparation of specific anti-cytomegalovirus immunoglobulins] Streiff F, et al. **Rev Fr Transfus Immunohematol** 1984 Jun;27(3):383–9 (Eng. Abstr.) (Fre)

[Changes in the titre of cytomegalovirus antibodies in patients on long-term dialysis treatment] Szepietowski T, et al. **Pol Arch Med Wewn** 1984 Jun;71(6):363–71 (Eng. Abstr.) (Pol)

[Cytomegalovirus transmission by fresh blood] Nedeljković N, et al. **Bilt Hematol Transfuz** 1984;12(2):121–7 (Eng. Abstr.) (Ser)

ISOLATION & PURIFICATION

Use of sonication for viral isolation. Rekrut KA, et al. **Am J Clin Pathol** 1985 Apr;83(4):500–2

Initial characterization of four cytomegalovirus strains isolated from chimpanzees. Brief report. Swinkels BW, et al. **Arch Virol** 1984;82(1–2):125–8

Comparison of standard tube and shell vial cell culture techniques for the detection of cytomegalovirus in clinical specimens. Gleaves CA, et al. **J Clin Microbiol** 1985 Feb; 21(2):217–21

Rapid detection of cytomegalovirus in cell culture by indirect immunoperoxidase staining with monoclonal antibody to an early nuclear antigen. Swenson PD, et al. **J Clin Microbiol** 1985 May;21(5):669–73

Cytomegalovirus in urine: detection of viral DNA by sandwich hybridization. Virtanen M, et al. **J Clin Microbiol** 1984 Dec;20(6):1083–8

Lymphocyte subsets and urinary excretion of cytomegalovirus among homosexual men attending a clinic for sexually transmitted diseases. Greenberg SB, et al. **J Infect Dis** 1984 Sep;150(3):330–3

Search for cytomegalovirus in postmortem brain tissue from patients with Huntington's chorea and other psychiatric disease by molecular hybridization using cloned DNA. Taylor GR, et al. **J Neuropathol Exp Neurol** 1985 Mar; 44(2):176–84

Isolation of cytomegalovirus from middle ear effusion. Embil JA, et al. **J Pediatr** 1985 Sep;107(3):435–6

Cytomegalovirus meningoencephalitis in a homosexual man with Kaposi's sarcoma: isolation of CMV from CSF cells. Edwards RH, et al. **Neurology** 1985 Apr;35(4):560–2

Cytomegalovirus isolation in highland children [letter] Phillips PA. **Papua New Guinea Med J** 1983 Jun; 26(2):149–50

Cytomegalovirus in breast milk of Swedish milk donors. Ahlfors K, et al. **Scand J Infect Dis** 1985;17(1):11–3

[Cytomegalovirus infections detected by virus isolation during a 15-year period] Plachý V, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1982; 25(5):493–505 (Eng. Abstr.) (Cze)

METABOLISM

Cells infected with human cytomegalovirus release a factor(s) that stimulates cell DNA synthesis. Gönczöl E, et al. **J Gen Virol** 1984 Oct;65 (Pt 10):1833–7

On the intracellular transport and the nuclear association of human cytomegalovirus structural proteins. Yamauchi M, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):675–84

Metabolic activation of the nucleoside analog 9-[(2-hydroxy-1-(hydroxymethyl)ethoxy]methyl)guanine in human diploid fibroblasts infected with human cytomegalovirus. Biron KK, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2473–7

PATHOGENICITY

Enhancing antibodies, macrophages and virulence in mouse cytomegalovirus infection. Inada T, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):871–8

Association of virulence of murine cytomegalovirus with macrophage susceptibility and with virion-bound non-neutralizing antibody. Inada T, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):879–82

Studies on the pathogenesis of a bovine cytomegalo-like virus in an experimental host. Osorio FA, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):1941–51

Pathogenesis of murine cytomegalovirus infection in natural killer cell-depleted mice. Bukowski JF, et al. **J Virol** 1984 Oct;52(1):119–28

PHYSIOLOGY

Rat cytomegalovirus induces cellular purine and pyrimidine nucleoside kinases in rat embryo fibroblasts and TK- rat-2 cells. Correlations with the antiviral activity of Acyclovir. Meijer H, et al. **Arch Virol** 1985;83(3–4):181–94

Distinction of viral and host-derived glycopolypeptides induced by 'early' functions of human cytomegalovirus. Radsak K, et al. **Arch Virol** 1985;85(3–4):217–30

Catalytic properties of a human cytomegalovirus-induced protein kinase. Michelson S, et al. **Eur J Biochem** 1985 Jun 3;149(2):393–9

Characterization of interferon induction in mice of resistant and susceptible strains during murine cytomegalovirus infection. Allan JE, et al. **J Gen Virol** 1985 May;66 (Pt 5):1105–12

Enhanced replication of human cytomegalovirus in human fibroblasts treated with dexamethasone. Tanaka J, et al. **J Gen Virol** 1984 Oct;65 (Pt 10):1759–67

Replication of human cytomegalovirus in endothelial cells. Ho DD, et al. **J Infect Dis** 1984 Dec;150(6):956–7

The relation of viral replication to interstitial pneumonitis in murine cytomegalovirus lung infection. Shanley JD, et al. **J Infect Dis** 1985 Mar;151(3):454–8

Survival of cytomegalovirus on environmental surfaces. Fai

RG. **J Pediatr** 1985 Apr;106(4):649-52

Interstitial murine cytomegalovirus pneumonia after irradiation: characterization of cells that limit viral replication during established infection of the lungs. Reddehase MJ, et al. **J Virol** 1985 Aug;55(2):264-73

Increased levels of ADP ribosylation during cytomegalovirus replication in human embryo fibroblasts. Furlini G, et al. **Microbiologica** 1984 Jul;7(3):279-85

ULTRASTRUCTURE

Isolation of human cytomegalovirus intranuclear capsids, characterization of their protein constituents, and demonstration that the B-capsid assembly protein is also abundant in noninfectious enveloped particles. Irmiere A, et al. **J Virol** 1985 Oct;56(1):277-83

CYTOMETRY, FLOW see FLOW CYTOMETRY

CYTOPATHOGENIC EFFECT, VIRAL

see related

PLAQUE ASSAY

A practical cytopathic effect/dye-uptake interferon assay for routine use in the clinical laboratory. Yousefi S, et al. **Am J Clin Pathol** 1985 Jun;83(6):735-40

Mechanisms in virus-induced cell injury. Bauer H. **Behring Inst Mitt** 1984 Jul;(75):1-5

A comparison of the effects of cytotoxic cerebrospinal fluid on cell cultures with other cytopathogenic agents. Taylor GR, et al. **Exp Mol Pathol** 1985 Jun;42(3):401-10

Vesicular stomatitis virus-infected cells fuse when the intracellular pool of functional M protein is reduced in the presence of G protein. Storey DG, et al. **J Virol** 1985 Feb; 53(2):374-83

Permeability changes resulting from virus-cell fusion: temperature-dependence of the contributing processes. Micklem KJ, et al. **Mol Cell Biochem** 1985 Mar; 66(2):163-73

Characterization of a continuous T-cell line susceptible to the cytopathic effects of the acquired immunodeficiency syndrome (AIDS)-associated retrovirus. Folks T, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4539-43

Membrane effects of cytopathogenic viruses. Kohn A. **Prog Med Virol** 1985;31:109-67 (215 ref.)

Nucleotide sequence of a herpes simplex virus type 1 gene that causes cell fusion. Debroy C, et al. **Virology** 1985 Aug; 145(1):36-48

[Inflammatory eye changes in the mouse caused by herpesvirus. Changes caused by the cytopathogenic effect. An animal model] Pfaller K, et al. **Klin Monatsbl Augenheilkd** 1984 Jun;184(6):549-52 (Eng. Abstr.) **(Ger)**

CYTOPHAGA

ENZYMOLOGY

Potentiality of artificial sea water salts for the production of carrageenase by a marine Cytophaga sp. Sarwar G, et al. **Microbiol Immunol** 1985;29(5):405-11

GROWTH & DEVELOPMENT

Growth of bacteria on chitin, fungal cell walls and fungal biomass, and the effect of extracellular enzymes produced by these cultures on the antifungal activity of amphotericin B. Oranusi NA, et al. **Microbios** 1985;43(172):17-30

ISOLATION & PURIFICATION

Isolation and characterization of a new Cytophaga species implicated in a work-related lung disease. Liebert CA, et al. **Appl Environ Microbiol** 1984 Nov;48(5):936-43

METABOLISM

Biosynthesis of a sulfonolipid in gliding bacteria. Abbanat DR, et al. **Biochem Biophys Res Commun** 1985 Jul 31; 130(2):873-8

PHYSIOLOGY

Guidance of Cytophaga sp. strain U67 gliding on the sheaths of Oscillatoria princeps. McGrath CF, et al. **J Bacteriol** 1985 May;162(2):817-21

CYTOPHAGACEAE

Capnocytophaga keratitis. Roussel TJ, et al. **Br J Ophthalmol** 1985 Mar;69(3):187-8

Congenital bacteremia due to Capnocytophaga. Feldman JD, et al. **Pediatr Infect Dis** 1985 Jul-Aug;4(4):415-6

ANALYSIS

Purification and chemical characterization of an exopolysaccharide isolated from Capnocytophaga ochracea. Dyer JK, et al. **Can J Microbiol** 1985 Jan; 31(1):1-5

Induction of spheroplasts in Capnocytophaga ochracea. Odgers J, et al. **J Gen Microbiol** 1985 May;131 (Pt 5):993-9

DRUG EFFECTS

Lysozyme-mediated aggregation and lysis of the periodontal microorganism Capnocytophaga gingivalis 2010. Iacono VJ, et al. **Infect Immun** 1985 Feb;47(2):457-64

Induction of chloramphenicol and tetracycline resistance in Flexibacter sp. strain FS-1. Barcak GJ, et al. **J Bacteriol** 1985 Feb;161(2):810-2

Lactic acid production by oral Streptococcus mitis inhibits the growth of oral Capnocytophaga. Mashimo PA, et al. **J Periodontol** 1985 Sep;56(9):548-52

IMMUNOLOGY

In vitro immunosuppression mediated by an extracellular polysaccharide from Capnocytophaga ochracea. Influence of macrophages. Bolton RW, et al. **J Periodont Res** 1985 May;20(3):251-9

ISOLATION & PURIFICATION

Peritonitis involving Capnocytophaga ochracea. Mortensen JE, et al. **Diagn Microbiol Infect Dis** 1985 Jul;3(4):359-62

Isolation of Neisseria elongata and of Capnocytophaga ochracea from vaginal specimens [letter] Miller K, et al. **J Infect** 1985 Mar;10(2):174-5

Capnocytophaga: a pathogen in immunocompetent hosts [letter] Matlow A, et al. **J Infect Dis** 1985 Jul;152(1):233-4

Capnocytophaga species: infections in nonimmunocompromised and immunocompromised hosts. Parenti DM, et al. **J Infect Dis** 1985 Jan;151(1):140-7

Capnocytophaga isolated from the endometrium as a cause of neonatal sepsis. A case report. Mercer LJ. **J Reprod Med** 1985 Jan;30(1):67-8

PHYSIOLOGY

Cell to cell interactions of Capnocytophaga and Bacteroides species with other oral bacteria and their potential role in development of plaque. Kolenbrander PE, et al. **J Periodont Res** 1984 Nov;19(6):564-9

CYTOPHAGALES

ISOLATION & PURIFICATION

Filamentous sulfur bacteria of activated sludge: characterization of Thiothrix, Beggiatoa, and Eikelboom type 021N strains. Williams TM, et al. **Appl Environ Microbiol** 1985 Apr;49(4):887-98

CYTOPLASM

Nuclear transplantation in teleosts. Hybrid fish from the nucleus of crucian and the cytoplasm of carp. Yan SY, et al. **Sci Sin [B]** 1984 Oct;27(10):1029-34

ANALYSIS

Ca2+-selective microelectrodes. Ammann D. **Cell Calcium** 1985 Apr;6(1-2):39-55

Coelenterate photoproteins as indicators of cytoplasmic free Ca2+ in small cells. Campbell AK, et al. **Cell Calcium** 1985 Apr;6(1-2):69-82

Measurements of intracellular calcium. Scarpa A. **Cell Calcium** 1985 Apr;6(1-2):1-3

Cytoplasmic inhibiting factors for 3H-dexamethasone binding to glucocorticoid receptors in rat tissues. Izawa M, et al. **Endocrinol Jpn** 1984 Aug;31(4):471-82

The light-harvesting polypeptides of Rhodospirillum rubrum. II. Localisation of the amino-terminal regions of the light-harvesting polypeptides B 870-alpha and B 870-beta and the reaction-centre subunit L at the cytoplasmic side of the photosynthetic membrane of Rhodospirillum rubrum G-9+. Brunisholz RA, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jul;365(7):689-701

Cytoplasmic immunoglobulin content in multiple myeloma. Barlogie B, et al. **J Clin Invest** 1985 Aug;76(2):765-9

Isolation and characterization of the cytoplasmic and outer membranes of the Legionnaires' disease bacterium (Legionella pneumophila). Gabay JE, et al. **J Exp Med** 1985 Feb 1;161(2):409-22

A controlled pore glass bead assay for the measurement of cytoplasmic and nuclear glucocorticoid receptors. Gormley GJ, et al. **J Steroid Biochem** 1985 Jun;22(6):693-8

Nuclear-cytoplasmic distribution of ions in the hepatocyte. Cameron IL, et al. **Physiol Chem Phys Med NMR** 1984; 16(6):521-5

In vivo demonstration of cytoplasmic fibronectin in human breast carcinomas. Christensen L, et al. **Virchows Arch [A]** 1985;407(3):337-46

[Recent clinical knowledge of cytoplasmic substances in myogenic and neuromuscular diseases, especially in muscular dystrophy, Duchenne type] Beckmann R. **Wien Klin Wochenschr** 1984 Aug 31;96(16):599-611 (Eng. Abstr.) **(Ger)**

[Gravimetric analysis of the lipid content in neuronal cytoplasm] Krasnov IB. **Tsitologiia** 1984 Nov; 26(11):1327-30 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Investigation of a test system for the rapid differentiation of nuclear and cytoplasmic damage in eucaryotes. Ehrlich W, et al. **Ecotoxicol Environ Safety** 1985 Feb;9(1):71-8

ENZYMOLOGY

Characterization of the ATPase activities of myosins isolated from the membrane and the cytoplasmic fractions of human platelets. Peleg I, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):442-53

Kinetics of cytoplasmic aspartate aminotransferase from three genotypes of the deer mouse (Peromyscus maniculatus). Dubach JM, et al. **Comp Biochem Physiol [B]** 1984; 78(3):691-9

Do yeast aminoacyl-tRNA synthetases exist as soluble enzymes within the cytoplasm? Cirakoglu B, et al. **Eur J Biochem** 1985 Jun 3;149(2):353-61

Isolation and characterization of cytoplasmic poly(A) polymerase from cryptobiotic gastrulae of Artemia salina. Roggen E, et al. **Eur J Biochem** 1985 Mar 1;147(2):225-32

Reduction of the metallochromic indicators arsenazo III and antipyrylazo III to their free radical metabolites by cytoplasmic enzymes. Moreno SN, et al. **FEBS Lett** 1985 Jan 28;180(2):229-33

Changes in cytoplasmic and lysosomal enzyme activities in cultured rat heart cells: the relationship to cell differentiation and cell population in culture. Yagev S, et al. **In Vitro** 1984 Dec;20(12):893-8

Development of methods to measure activity of polysomes and cytoplasmic enzymes from bovine skeletal muscle in in vitro protein-synthesis assays. Bjercke RJ, et al. **J Anim Sci** 1984 Sep;59(3):666-83

Relative roles of polysomes and cytoplasmic enzymes in regulating bovine skeletal muscle protein synthesis. Bjercke RJ, et al. **J Anim Sci** 1984 Sep;59(3):684-96

Cytoplasmic 5'-nucleotidase catalyzes acyclovir phosphorylation. Keller PM, et al. **J Biol Chem** 1985 Jul 25;260(15):8664-7

[A kinetic method for determination of malate dehydrogenase isoenzyme activities in blood plasma and tissue samples] Wagenknecht C, et al. **Z Med Lab Diagn** 1985;26(4):221-8 (Eng. Abstr.) **(Ger)**

[Immunological specificity and cytoplasmic location of delta 6-desaturase in microsomal membrane] Fujihara Y. **Hokkaido Igaku Zasshi** 1984 Jul;59(4):446-55 (Eng. Abstr.) **(Jpn)**

[Proteolytic enzymes hydrolyzing opioid peptides in the cytoplasm of human erythrocytes] Alekseenko LP, et al. **Dokl Akad Nauk SSSR** 1984;277(4):992-5 **(Rus)**

IMMUNOLOGY

Evidence from cDNA clones that the rat leukocyte-common antigen (T200) spans the lipid bilayer and contains a cytoplasmic domain of 80,000 Mr. Thomas ML, et al. **Cell** 1985 May;41(1):83-93

Co-expression of an epitope on human free kappa-light chains and on a cytoplasmic component in activated T cells. Walker KZ, et al. **J Immunol** 1985 Feb;134(2):1059-64

Anticytoplasmic antibodies in Wegener's granulomatosis [letter] Hind CR, et al. **Lancet** 1985 Jun 8;1(8441):1336-7

Anticytoplasmic antibodies in Wegener's granulomatosis [letter] van der Woude FJ. **Lancet** 1985 Jul 6;2(8445):48

Immunoelectronmicroscopic profile of intracytoplasmic immunoglobulins in B non Hodgkin's malignant lymphomas. Comparison with the normal pattern of B lymphoid cells. Reynes M, et al. **Pathol Res Pract** 1984 Jul;178(6):570-8

Relationship of neutrophil cytoplasmic protein (L1) to acute and chronic lung disease. Stockley RA, et al. **Scand J Clin Lab Invest** 1984 Nov;44(7):629-34

METABOLISM

Influence of dehydration on cytoplasmic RNA in the neurocytes of the preoptic nucleus of Rana temporaria L. in the annual cycle. Lach H, et al. **Acta Morphol Hung** 1984;32(2):105-11

Transformation and growth related changes in levels of nuclear and cytoplasmic proteins antigenically related to mammalian beta-galactoside-binding lectin. Carding SR, et al. **Biochem Biophys Res Commun** 1985 Mar 15; 127(2):680-6

Inhibition of RNA nucleo-cytoplasmic translocation by anti-nucleus antibody. Sugawa H, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):864-70

Intracellular levels and distribution of Ca2+ in digitonin-permeabilized cells. Fiskum G. **Cell Calcium** 1985 Apr;6(1-2):25-37

Intracellular calcium storage and release in the human platelet. Chlorotetracycline as a continuous monitor. Jy W, et al. **Circ Res** 1984 Nov;55(5):595-608

The cytoplasmically-made subunit IV is necessary for assembly of cytochrome c oxidase in yeast. Dowhan W, et al. **EMBO J** 1985 Jan;4(1):179-84

A high-affinity site for glutathione in the cytoplasm of Escherichia coli and its possible role in potassium retention. Meury J, et al. **Eur J Biochem** 1985 Apr 1;148(1):113-8

Normal precursors of periplasmic proteins accumulated in the cytoplasm are not exported post-translationally in Escherichia coli. Pages JM, et al. **Eur J Biochem** 1984 Sep 17;143(3):499-505

Binding of cytoplasmic testosterone-receptor complex to nucleic from male rat livers. Sato N, et al. **Exp Clin Endocrinol** 1984 Jul;84(1):37-44

Induction of lamellar bodies synthesis by corticosteroids in first trimester human fetal lungs. Zsolnai B, et al. **Ginekol Pol** 1984 Jun;55(6):385-92

Defective cytoplasmic transport of cell surface carbohydrates in psoriasis [letter] Amornsiripanitch S.

J Am Acad Dermatol 1985 Jun;12(6):1111-2

Location of Ah receptor for dioxin [letter] Shear NH, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):663-4

Efficient cytoplasmic delivery of a fluorescent dye by pH-sensitive immunoliposomes. Connor J, et al. **J Cell Biol** 1985 Aug;101(2):582-9

Early synthesis of specific cytoplasm proteins is correlated with the rate of exit of lymphocytes from the resting state. Hall DJ, et al. **J Cell Biol** 1984 Nov;99(5):1814-21

The antigen receptor on a human T cell line initiates activation by increasing cytoplasmic free calcium. Imboden JB, et al. **J Immunol** 1985 Feb;134(2):663-5

Modulation of cytoplasmic calcium in human platelets by the phospholipid platelet-activating factor 1-O-alkyl-2-acetyl-SN-glycero-3-phosphorylcholine. Valone FH, et al. **J Immunol** 1985 Feb;134(2):1120-4

The translational mobility of substances within the cytoplasmic matrix. Jacobson K, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6747-51

[The receptor for estrogens is not located in the cytoplasm, but in the cell nucleus of the target tissue] Presl J. **Cesk Gynekol** 1985 May;50(4):306-7 **(Cze)**

[Nucleocytoplasmic transport of mRNA and its relevance to the mechanism of mobilization of maternal mRNA in Xenopus embryos] Shiokawa K. **Tanpakushitsu Kakusan Koso** 1984 Jun;29(6):405-29 (122 ref.) **(Jpn)**

[Role of malic enzyme in skeletal muscle metabolism] Swierczyński J. **Postepy Biochem** 1984;30(3-4):251-71 (93 ref.) **(Pol)**

[Biosynthesis of small cytoplasmic poly(A)tRNA homologous to the repeated B2 sequence of the mouse genome is realized by RNA polymerase III] Lekakh IV, et al. **Dokl Akad Nauk SSSR** 1984;277(4):1006-8 **(Rus)**

[Intracellular metabolism, ultra-thin structure and surface membrane of leukemic lymphoid T-, D- and non-T, non-B cells in children with acute leukemia] Chernov VM, et al. **Gematol Transfuziol** 1985 Mar;30(3):20-4 (Eng. Abstr.) **(Rus)**

[Specific aldosterone reception by the cytoplasm of the kidney tubule cells in rats with neurogenic dystrophy] Rodionov AA, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Nov-Dec;(6):918-22 (Eng. Abstr.) **(Rus)**

[Intracellular concentration of free calcium in thrombocytes: its characteristics in spontaneous hypertension] Orlov SN, et al. **Kardiologiia** 1984 Oct;24(10):93-8 (Eng. Abstr.) **(Rus)**

[Reception of aldosterone by the rat kidney in its compensatory hypertrophy] Akimov IuA, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):74-6 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Spontaneous adenocarcinoma of the ascending colon in Wistar rats: the intracytoplasmic presence of a Campylobacter-like bacterium. Vandenberghe J, et al. **J Comp Pathol** 1985 Jan;95(1):45-55

High levels of cytoplasmic hepatitis B core antigen as reliable marker of HBV DNA replication [letter] Burrell CJ, et al. **Lancet** 1985 Feb 23;1(8426):454-5

PATHOLOGY

Globular Mallory-like bodies in renal cell carcinoma: report of a case and review of cytoplasmic eosinophilic globules. Jagirdar J, et al. **Hum Pathol** 1985 Sep;16(9):949-52

[Increase of the nucleocytoplasmic ratio in cells of the uterine exocervix after menopause. Morphometric analysis] Letaief SE, et al. **Arch Anat Cytol Pathol** 1985;33(2):80-2 (Eng. Abstr.) **(Fre)**

PHYSIOLOGY

Movement and structure of water in animal cells. Ideas and experiments. Mild KH, et al. **Biochim Biophys Acta** 1985 Sep 9;822(2):155-67 (63 ref.)

Specification of cell fate by cytoplasmic determinants in ascidian embryos. Jeffery WR. **Cell** 1985 May;41(1):11-2 (13 ref.)

Is cytoplasm intelligent too? Albrecht-Buehler G. **Cell Muscle Motil** 1985;6:1-21

Cytoplasmic streaming. Kamiya N. **Cell Struct Funct** 1984 Jul;9 Suppl:s81-6 (55 ref.)

Germinal vesicle contents are required for the cytoplasmic cycle during meiotic division of starfish oocytes. Yamamoto K. **Dev Biol** 1985 Jan;107(1):213-9

Nucleo-cytoplasmic flux and intracellular mobility in single hepatocytes measured by fluorescence microphotolysis. Peters R. **EMBO J** 1984 Aug;3(8):1831-6

Effects of cell sap, ATP, and RNA synthesis on the transfer of ribosomal proteins into nuclei and nucleoli in a rat liver cell-free system. Tsurugi K, et al. **Eur J Biochem** 1984 Nov 15;145(1):83-9

Cytochemical interaction of nucleolus and cytoplasm in the Purkinje cells of senile white rats under the influence of centrophenoxine. Patro IK, et al. **Exp Gerontol** 1984;19(4):241-51

intracellular pH in Dictyostelium discoideum: a 31P nuclear magnetic resonance study. Jentoft JE, et al. **J Cell Biol** 1985 Sep;101(3):778-84

Fast axonal transport of foreign synaptic vesicles in squid axoplasm. Schroer TA, et al. **J Cell Biol** 1985 Aug;101(2):568-72

Cytoplasmic motions, rheology, and structure probed by a novel magnetic particle method. Valberg PA, et al. **J Cell Biol** 1985 Jul;101(1):130-40

The cytoplasmic basis of cellular differentiation--redressing the injustice done to the cytoplasm. Kothari ML, et al. **J Postgrad Med** 1984 Oct;30(4):199-206

Mini-review. On the possible importance of an intracellular circulation. Wheatley DN. **Life Sci** 1985 Jan 28;36(4):299-307

Computer modelling of the behaviour of actin gels [news] Bray D. **Nature** 1985 Feb 28-Mar 6;313(6005):738

The regulation of DNA synthesis in quiescent lymphocytes by cytoplasmic inhibitors. Gutowski JK, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5160-4

RADIONUCLIDE IMAGING

[Radioactive labeling of cytoplasmic hormone receptors. Determination and clinical significance of estrogen and progesterone receptors] Spona J. **Fortschr Med** 1984 Sep 20;102(35):856-8 (Eng. Abstr.) **(Ger)**

TRANSPLANTATION

Partial rescue of embryos from two maternal-effect neurogenic mutants by transplantation of wild-type ooplasm. LaBonne SG, et al. **Dev Biol** 1985 Jul;110(1):264-7

ULTRASTRUCTURE

The nature of cytoplasmic inclusions in cerebellar haemangioblastomas. Mann BS, et al. **Acta Neuropathol (Berl)** 1985;67(1-2):174-6

Three-dimensional analysis of dendritic spines. II. Spine apparatus and other cytoplasmic components. Spaček J. **Anat Embryol (Berl)** 1985;171(2):235-43

Application of optical diffractometry for analysis of the morphological structure of cells and tissue. Dziedzic-Goclawska A, et al. **Arch Ital Anat Embriol** 1984 Apr-Jun;89(2):85-113

Zonal analysis of cytoplasmic components of articular cartilage chondrocytes. Brighton CT, et al. **Arthritis Rheum** 1984 Nov;27(11):1290-9

Cell lineage of zebrafish blastomeres. I. Cleavage pattern and cytoplasmic bridges between cells. Kimmel CB, et al. **Dev Biol** 1985 Mar;108(1):78-85

Cytoplasmic microtubules are essential for the formation of membrane-bound polyribosomes. Walker PR, et al. **J Biol Chem** 1985 Jan 25;260(2):765-70

The structure of cytoplasm in directly frozen cultured cells. I. Filamentous meshworks and the cytoplasmic ground substance. Bridgman PC, et al. **J Cell Biol** 1984 Nov;99(5):1655-68

Differences in the behavior of cytoplasmic granules and lipid bodies during human lung mast cell degranulation. Dvorak AM, et al. **J Cell Biol** 1984 Nov;99(5):1678-87

Ultrastructural analysis of the initiation and development of cytasters in sea-urchin eggs. Kallenbach RJ. **J Cell Sci** 1985 Feb;73:261-78

Intracytoplasmic inclusions in B prolymphocytic leukaemia: ultrastructural, cytochemical, and immunological studies. Robinson DS, et al. **J Clin Pathol** 1985 Aug;38(8):897-903

Interendothelial cytoplasmic bridge of blood sinus in rabbit sinus hair. Katsume Y, et al. **J Electron Microsc (Tokyo)** 1984;33(2):175-7

Comparison of cytoskeletons of SV40-transformed cells and their revertants by electron microscopy. Katsumoto T, et al. **J Electron Microsc (Tokyo)** 1984;33(1):68-71

A procedure for light and electron microscopic intracellular immunolocalization of collagen and fibronectin in rat liver. Clement B, et al. **J Histochem Cytochem** 1985 May;33(5):407-14

Cytoplasmic morphology weaver (wv) mouse cerebellar neurons at the culture substratum. Willinger M, et al. **J Neurosci Res** 1985;13(1-2):163-82

Quantitative exfoliative cytology of normal and abnormal oral mucosal squames: preliminary communication. Cowpe JG. **J R Soc Med** 1984 Nov;77(11):928-31

The cytoplasmic matrix: its volume and surface area and the diffusion of molecules through it. Gershon ND, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5030-4

Colorimetry for the stain technologist. II. The specification of chromaticity difference. Marshall PN, et al. **Stain Technol** 1984 Sep;59(5):273-90

The action of antidiuretic hormone in promoting tubular fusion, as viewed by scanning and transmission electron microscopy. Sasaki J, et al. **Trans Assoc Am Physicians** 1983;96:426-36

Cytoplasmic vacuoles [letter] Jones HB, et al. **Ultrastruct Pathol** 1984;6(4):359-62

[Atypical ultrastructural changes in the cytoplasm and nuclei of hepatocytes in chronic hepatitis B virus (HBV) infection] Chibowski D, et al. **Patol Pol** 1984 Jul-Sep;35(3):309-24 (Eng. Abstr.) **(Pol)**

[Nuclear behavior of embryonic cells and growing oocytes from the clawed toad in the cytoplasm of maturing axolotl oocytes] Nikitina LA. **Ontogenez** 1984 Sep-Oct;15(5):535-8 (Eng. Abstr.) **(Rus)**

CYTOPLASMIC FILAMENTS

Glial filaments are a major brain fraction in infantile neuronal ceroid-lipofuscinosis. Paetau A, et al. **Acta Neuropathol (Berl)** 1985;65(3-4):190-94

Loop arrays in mouse brain demonstrated with antisera to cytokeratins and monoclonal antibodies to several classes of intermediate filaments: strain differences and developmental expression. Masters CL, et al. **Brain Res** 1985 May 20;334(2):267-79

Annual meeting of the Belgian Society for Cell Biology, German Society for Cell Biology. Bonn, 18-22 March 1985. Polarity -Transport--Skeleton. Abstracts. **Eur J Cell Biol [Suppl]** 1985;(7):1-76

Cytoskeletal discontinuities in the cell body cortex initiate basal body assembly and oral development in the ciliate Stentor. de Terra N. **J Embryol Exp Morphol** 1985 Jun;87:249-57

Discussion on the state of water in the myofilament lattice and other biological systems, based on the fact that the usual concepts of colloid stability can not explain the stability of the myofilament lattice. Morel JE. **J Theor Biol** 1985 Feb 21;112(4):847-58

Biochemical studies on rabbits with aluminium induced neurofilament accumulations. Simpson J, et al. **Neurochem Res** 1985 Feb;10(2):229-38

[Study of a lysis medium stabilizing microfilaments and microtubules in vitro and in vivo] Foucault G, et al. **Biol Cell** 1984;52(1 Pt A):53-9 (Eng. Abstr.) **(Fre)**

ANALYSIS

Actin filaments in the terminal webs of secretory ameloblasts of rats. Nishikawa S, et al. **Arch Oral Biol** 1985;30(1):13-21

Association of leukotriene B4 with the cytoskeleton of rabbit neutrophils. Effect of chemotactic factor and phorbol esters. Naccache FH, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):963-9

Altered actin cytoskeletal patterns in two premalignant stages in human colon carcinoma development. Friedman E, et al. **Cancer Res** 1985 Jul;45(7):3236-42

The spatial distribution of maternal mRNA is determined by a cortical cytoskeletal domain in Chaetopterus eggs. Jeffery WR. **Dev Biol** 1985 Jul;110(1):217-29

Preparation of red-cell-membrane cytoskeletal constituents and characterisation of protein 4.1. Ohanian V, et al. **Eur J Biochem** 1984 Oct 15;144(2):375-9

An examination of the soluble oligomeric complexes extracted from the red cell membrane and their relation to the membrane cytoskeleton. Beaven GH, et al. **Eur J Cell Biol** 1985 Mar;36(2):299-306

Monoclonal antibodies to epitopes on different regions of the 200 000 dalton neurofilament protein. Probes for the geometry of the filament. Liem RK, et al. **Exp Cell Res** 1985 Feb;156(2):419-28

Evidence for a Ca2+-binding protein associated to non-actin microfilamentous systems in two ciliated protozoans. Vigues B, et al. **Exp Cell Res** 1985 Aug;159(2):366-76

F-actin rings are associated with the ring canals of the Drosophila egg chamber. Warn RM, et al. **Exp Cell Res** 1985 Apr;157(2):355-63

Combined immunostaining of neurofilaments, neuron specific enolase, GFAP and S-100. A possible means for assessing the morphological and functional status of the enteric nervous system. Bishop AE, et al. **Histochemistry** 1985;82(1):93-7

Oocytes and early embryos of Xenopus laevis contain intermediate filaments which react with anti-mammalian vimentin antibodies. Godsave SF, et al. **J Embryol Exp Morphol** 1984 Oct;83:169-87

Intermediate filaments in the Xenopus oocyte: the appearance and distribution of cytokeratin-containing filaments. Godsave SF, et al. **J Embryol Exp Morphol** 1984 Oct;83:157-67

Distribution of neurofilament subunits in neurons and neuronal processes: immunohistochemical studies of bovine cerebellum with subunit-specific monoclonal antibodies. Trojanowski JQ, et al. **J Histochem Cytochem** 1985 Jun;33(6):557-63

Heterotypic tetramer (A2D2) complexes of non-epidermal keratins isolated from cytoskeletons of rat hepatocytes and hepatoma cells. Quinlan RA, et al. **J Mol Biol** 1984 Sep 15;178(2):365-88

Glial fibrillary acidic protein (GFAP): the major protein of glial intermediate filaments in differentiated astrocytes. Eng LF. **J Neuroimmunol** 1985 Jun;8(4-6):203-14 (60 ref.)

Microtubule-associated protein 1B: identification of a major component of the neuronal cytoskeleton. Bloom GS, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5404-8

Regulation of the microfilament system in normal and polyoma virus transformed cultured (BHK) cells. Koffer A, et al. **Tissue Cell** 1985;17(2):147-59

The intermediate filament cytoskeleton of cutaneous neuroendocrine carcinoma (Merkel cell tumour). Immunohistochemical and biochemical analyses. Höfler H, et al. **Virchows Arch [A]** 1985;406(3):339-50

[Actin-regulatory proteins--regulators of cytoskeleton] Nishida E. **Seikagaku** 1984 Oct;56(10):1251-65 (87 ref.) **(Jpn)**

CYTOLOGY

Transient change of organization of vimentin filaments during mitosis as demonstrated by a monoclonal antibody. Franke WW, et al. **Exp Cell Res** 1984 Oct;154(2):567-80

DRUG EFFECTS

The effects of antimitotic and microfilament disrupting agents on functions of isolated guinea-pig parietal cells. Albinus M, et al. **Agents Actions** 1985 Apr;16(3-4):199-201

Activation of actin-containing microfilaments by vasopressin in the amphibian urinary bladder epithelium: a fluorescent study using NBD-phallacidin. Davis WL, et al. **Anat Rec** 1985 Mar;211(3):239-45

Plasma membrane regionalization and compaction of mouse cleaving embryos: effect of microtubule and microfilament inhibitors. Izquierdo L, et al. **Arch Biol Med Exp (Santiago)** 1984 Sep;17(1):29-39

Suppression of active cross-bridge motions of isolated thick myofilaments in suspension by phenylmethylsulfonyl fluoride. Fan SF, et al. **Biochim Biophys Acta** 1985 Jan 21;827(1):101-5

Cytoskeleton rearrangements during calcitonin-induced changes in osteoclast motility in vitro. Warshafsky B, et al. **Bone** 1985;6(3):179-85

Polar effects of concanavalin A on the plasma membrane/cytoskeleton complex in a molluscan egg. Dohmen MR, et al. **Cell Biol Int Rep** 1984 Nov;8(11):901

Estrogen and tamoxifen induced cytoskeletal changes in breast cancer cells. Sapino A, et al. **Chemioterapia** 1985 Jun;4(3):243-5

Influence of the polyamine spermine on the organization of cortical filaments in isolated cortices of Xenopus laevis eggs. Grant NJ, et al. **Eur J Cell Biol** 1985 Mar;36(2):239-46

Changes in the organization of actin and myosin in non-muscle cells induced by N-ethylmaleimide. Karlsson R, et al. **Exp Cell Res** 1985 Mar;157(1):95-115

Gametogenesis in Plasmodium; the inhibitory effects of anticytoskeletal agents. Sinden RE, et al. **Int J Parasitol** 1985 Apr;15(2):211-7

Controlled induction of paired helical filaments of the Alzheimer type in cultured human neurons, by glutamate and aspertate. De Boni U, et al. **J Neurol Sci** 1985 May; 68(2-3):105-18

Peritoneal permeability in the rat: modulation by microfilament-active agents. Alavi N, et al. **Kidney Int** 1985 Feb;27(2):411-9

Regulation of acetylcholinesterase secretion from neuronal cell cultures.—1. Actions of nerve growth factor, cytoskeletal inhibitors and tunicamycin. Lucas CA, et al. **Neuroscience** 1985 Jan;14(1):349-60

3-Deazaadenosine-induced disorganization of macrophage microfilaments. Stopford CR, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4060-4

[The role of the cytoskeleton in lymphocyte stimulation] Hückel C, et al. **Allerg Immunol (Leipz)** 1985;31(2):83-90 (Eng. Abstr.) **(Ger)**

[Changes in the cytoskeleton and surface charge as a possible cause of the increased mechanical binding between enterocytes in the small intestine epithelium induced by 1,2-dimethylhydrazine] Matveev VV, et al. **Tsitologiia** 1984 Sep;26(9):1030-6 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Transmembrane modulation of the concanavalin A inhibition of 5'-nucleotidase is not due to a direct association of the enzyme with the cytoskeleton. Craik JD, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):27-33

A calcium-dependent protease associated with the neural cytoskeleton. Purification and partial characterisation. Ishizaki Y, et al. **Eur J Biochem** 1985 Jan 15;146(2):331-7

Association of an aminoacyl-tRNA synthetase complex and of phenylalanyl-tRNA synthetase with the cytoskeletal framework fraction from mammalian cells. Mirande M, et al. **Exp Cell Res** 1985 Jan;156(1):91-102

IMMUNOLOGY

Amyloid-like (Congophilic) neurofibrillary tangles do not react with neurofilament antisera in Alzheimer's cerebral cortex. Bignami A, et al. **Acta Neuropathol (Berl)** 1984; 64(3):243-50

Anticytoskeletal autoantibodies in the connective tissue diseases. Senécal JL, et al. **Arthritis Rheum** 1985 Aug; 28(8):889-98

Antibody against T lymphoblastic leukemia-associated antigen (3-40) identifies vimentin and keratin intermediate filaments in normal cells. Laster AJ, et al. **Blood** 1985 Sep; 66(3):642-8

Alzheimer's disease: immunoreactivity of neurofibrillary tangles with anti-neurofilament and anti-paired helical filament antibodies. Rasool CG, et al. **Brain Res** 1984 Sep 24;310(2):249-60

Alzheimer's disease: exposure of neurofilament immunoreactivity in SDS-insoluble paired helical filaments. Rasool CG, et al. **Brain Res** 1984 Nov 19; 322(1):194-8

Monoclonal antibodies to intermediate filaments in chick muscle cell cultures. Morris GE, et al. **Exp Cell Res** 1985 May;158(1):177-91

Monoclonal antibody to intermediate filaments of cytokeratin type. I. Drug studies and reactivity with cultured cells and tissue sections. Bártek J, et al. **Folia Biol (Praha)** 1985; 31(1):1-8

Antibody activity against intermediate filaments in Waldenström macroglobulinemia. Tousco F, et al. **Haematologica (Pavia)** 1985 Mar-Apr;70(2):106-9

Antigenic mimicry of mammalian intermediate filaments by mycoplasmas. Wise KS, et al. **Infect Immun** 1985 May; 48(2):587-91

Monoclonal antibody to a 43 000 Mr surface protein of a human leukaemia cell line (THP-1) crossreacts with the fibroblast intermediate filament protein vimentin. Herrmann H, et al. **J Cell Sci** 1985 Feb;73:87-103

Incidence of anti-intermediate filament antibody in serum samples of students with suspected glandular fever. Kataaha PK, et al. **J Clin Pathol** 1985 Mar;38(3):351-4

Re: The binding of immunoglobulins to cytoskeletal intermediate filaments [letter] Hansson GK. **J Immunol Methods** 1985 Sep 3;82(1):185

Cross-reactivity between solid-phase immunoassay plates and intermediate filaments demonstrated by human monoclonal antibodies. Haskard DO, et al. **J Immunol Methods** 1985 Mar 18;77(2):291-5

Keratin intermediate filaments bear antigenic determinants for stratum corneum antibodies. Hintner H, et al. **J Invest Dermatol** 1984 May;82(5):491-5

Immunoelectron microscopic identification of upper cytoplasmic antigens on keratin intermediate filaments [letter] Thivolet J. **J Invest Dermatol** 1985 Jun;84(6):542-3

Chromatin proteins share antigenic determinants with neurofilaments. Wood JN, et al. **J Neurochem** 1985 Jan; 44(1):149-54

Antineurofilament antibody: an increased incidence in murine chronic measles encephalitis and the use of rat sciatic nerve sections as substratum. Chan SP. **J Neuroimmunol** 1985 Aug;9(3-4):243-51

Antibodies to vimentin intermediate filaments in sera from patients with SLE and RA: quantitation by solid phase radioimmunoassay. Alcover A, et al. **J Rheumatol** 1985 Apr;12(2):233-6

The 200- and 150-kDa neurofilament proteins react with IgG autoantibodies from patients with kuru, Creutzfeldt-Jakob disease, and other neurologic diseases. Toh BH, et al. **Proc Natl Acad Sci USA** 1985 May; 82(10):3485-9

Circulating autoantibodies to the 200,000-dalton protein of neurofilaments in the serum of healthy individuals. Stefansson K, et al. **Science** 1985 May 31;228(4703):1117-9

Anti-intermediate filament monoclonal antibodies: tissue-specific tools in tumor diagnosis. Gown AM, et al. **Surv Synth Pathol Res** 1984;3(5):369-85

[Autoantibodies to cytoskeleton in autoimmune disease] Shoenfeld Y, et al. **Harefuah** 1984 Nov 15;107(10):291-3 **(Heb)**

METABOLISM

Pertussis but not cholera toxin inhibits the stimulated increase in actin association with the cytoskeleton in rabbit neutrophils: role of the 'G proteins' in stimulus-response coupling. Shefcyk J, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1174-81

Platelet cytoskeleton--membrane interactions. Wu MP, et al. **Biochem Biophys Res Commun** 1985 Jan 16; 126(1):566-70

Conformation of spin-labeled tropomyosin in reconstituted muscle thin filaments in response to calcium ion and heavy meromyosin. Graceffa P. **Biochemistry** 1985 May 21; 24(11):2743-7

The involvement of cytoskeleton in the regulation of transbilayer movement of phospholipids in human blood platelets. Comfurius P, et al. **Biochim Biophys Acta** 1985 Apr 26;815(1):143-8

Vesicle release from rat red cell ghosts and increased association of cell membrane proteins with cytoskeletons induced by cadmium. Kunimoto M, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):37-45

Interaction of crystallins with the cytoskeletal-plasma membrane complex of the bovine lens. Bloemendal H, et al. **Ciba Found Symp** 1984;106:177-90

Cytoskeletal control of alanine transport across the rat and turtle small intestine. Nassar CF, et al. **Comp Biochem Physiol [A]** 1984;79(1):161-4

Cell density and cell shape-related regulation of vimentin and cytokeratin synthesis. Inhibition of vimentin synthesis and appearance of a new 45 kD cytokeratin in dense epithelial cell cultures. Ben-Ze'ev A. **Exp Cell Res** 1985 Apr;157(2):520-32

Clonal variations in keratin. Intermediate filament expression by human somatic cell hybrids. Knapp LW, et al. **Exp Cell Res** 1985 Feb;156(2):359-66

Dephosphorylation suppresses the activity of neurofilament to promote tubulin polymerization. Minami Y, et al. **FEBS Lett** 1985 Jun 17;185(2):239-42

Endothelial serotonin uptake and mediation of prostanoid secretion and stress fiber formation. Shepro D, et al. **Fed Proc** 1985 Jul;44(10):2616-9

A dual expression of cytokeratin and neurofilaments in bronchial carcinoid cells. Lehto VP, et al. **Int J Cancer** 1985 Apr 15;35(4):421-5

Mechanism of phorbol diester-induced regulation of surface transferrin receptor involves the action of activated protein kinase C and an intact cytoskeleton. May WS, et al. **J Biol Chem** 1985 Aug 5;260(16):9419-26

Heparan sulfate proteoglycans of rat embryo fibroblasts. A hydrophobic form may link cytoskeleton and matrix components. Woods A, et al. **J Biol Chem** 1985 Sep 5; 260(19):10872-9

Direct evidence for the interaction of platelet surface membrane proteins GPIIb and III with cytoskeletal components: protein crosslinking studies. Painter RG, et al. **J Cell Biochem** 1985;27(3):277-90

Slow posttranslational modification of a neurofilament protein. Bennett GS, et al. **J Cell Biol** 1985 May; 100(5):1799-804

Effect of viral infection on host protein synthesis and mRNA association with the cytoplasmic cytoskeletal structure. Bonneau AM, et al. **J Cell Biol** 1985 Apr;100(4):1209-18

Site specificity in vimentin-membrane interactions: intermediate filament subunits associate with the plasma membrane via their head domains. Georgatos SD, et al. **J Cell Biol** 1985 Jun;100(6):1962-7

The binding of vimentin to human erythrocyte membranes: a model system for the study of intermediate filament-membrane interactions. Georgatos SD, et al. **J Cell Biol** 1985 Jun;100(6):1955-61

Intermediate filaments and the initiation of desmosome assembly. Jones JC, et al. **J Cell Biol** 1985 Aug; 101(2):506-17

Purification of the 300K intermediate filament-associated protein and its in vitro recombination with intermediate filaments. Lieska N, et al. **J Cell Biol** 1985 Sep; 101(3):802-13

Microtubule-associated protein 2 within axons of spinal motor neurons: associations with microtubules and neurofilaments in normal and beta,beta'-iminodipropionitrile-treated axons. Papasozomenos SC, et al. **J Cell Biol** 1985 Jan;100(1):74-85

A neuronal surface glycoprotein associated with the cytoskeleton. Rauscht B, et al. **J Cell Biol** 1984 Nov; 99(5):1803-13

An integral glycoprotein associated with the membrane attachment sites of actin microfilaments. Rogalski AA, et al. **J Cell Biol** 1985 Sep;101(3):785-801

Relationship of actin polymerization and depolymerization to light scattering in human neutrophils: dependence on receptor occupancy and intracellular Ca++. Sklar LA, et al. **J Cell Biol** 1985 Sep;101(3):1161-6

Are cross-bridging structures involved in the bundle formation of intermediate filaments and the decrease in locomotion that accompany cell aging? Wang E. **J Cell Biol** 1985 May;100(5):1466-73

Reciprocal transmembranous receptor-cytoskeleton interactions in concanavalin A-activated platelets. Wheeler ME, et al. **J Cell Biol** 1985 Sep;101(3):993-1000

Relationship of heparan sulfate proteoglycans to the cytoskeleton and extracellular matrix of cultured fibroblasts. Woods A, et al. **J Cell Biol** 1984 Nov; 99(5):1743-53

The osmotic response of human erythrocytes and the membrane cytoskeleton. Heubusch P, et al. **J Cell Physiol** 1985 Feb;122(2):266-72

Tumor-promoting phorbol esters induce rapid internalization of the C3b receptor via a cytoskeleton-dependent mechanism. O'Shea JJ, et al. **J Immunol** 1985 Aug; 135(2):1325-30

The interaction of lymphocyte membrane proteins with the lymphocyte cytoskeletal matrix. Woda BA, et al. **J Immunol** 1984 Nov;133(5):2767-72

Two populations of axonally transported tubulin differentiated by their interactions with neurofilaments. Tashiro T, et al. **J Neurochem** 1984 Nov;43(5):1220-5

Is the mental deterioration in Down's syndrome linked to impaired terminal degradation of neurofilaments? Elomaa E, et al. **Med Hypotheses** 1985 Feb;16(2):171-2

Is the terminal degradation of neurofilaments regulated by mitochondrial production of oxygen radicals? Elomaa E, et al. **Med Hypotheses** 1985 Mar;16(3):261-3

Hypothesis: interference with axonal transport of neurofilament as a common pathogenetic mechanism in certain diseases of the central nervous system. Gajdusek DC. **N Engl J Med** 1985 Mar 14;312(11):714-9 (114 ref.)

Reversible association of myosin with the platelet cytoskeleton. Nachmias VT, et al. **Nature** 1985 Jan 3-9; 313(5997):70-2

Microtubule-associated proteins (MAPs): a monoclonal antibody to MAP 1 decorates microtubules in vitro but stains stress fibers and not microtubules in vivo. Asai DJ, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1434-8

Giant axonal neuropathy: acceleration of neurofilament transport in optic axons. Monaco S, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):920-4

Aberrant neurofilament phosphorylation in Alzheimer disease. Sternberger NH, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4274-6

Intermediate filaments of human trophoblast and choriocarcinoma cell lines. Clark RK, et al. **Virchows Arch [A]** 1985;407(2):203-8

MICROBIOLOGY

Interaction of frog virus 3 with the cytoskeleton. Murti KG, et al. **Curr Top Microbiol Immunol** 1985;116:107-31 (54 ref.)

PATHOLOGY

Distribution of intermediate filaments and actin microfilaments in parotid autoimmune sialoadenitis of Sjögren syndrome. Kjörell U, et al. **Histopathology** 1984 Nov;8(6):991-1011

The specificity and stability of the triton-extracted cytoskeletal framework of gerbil fibroma cells. Gilbert M, et al. **J Cell Sci** 1985 Feb;73:335-45

Glial fibrillary acidic protein (GFAP) immunoreactivity in peripheral nerve sheath tumors. Memoli VA, et al.

Ultrastruct Pathol 1984;7(4):269-75

PHYSIOLOGY

The role of microfilaments in the healing of the corneal endothelium. Olsen EG, et al. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):104-8

Reduction of density and anisotropic distribution of intermediate filaments occur during avian skeletal myogenesis. Price MG, et al. **Am J Anat** 1984 Dec; 171(4):427-40

Spectrins. Mediators of cytoskeletal function. Morrow JS. **Am J Dermatopathol** 1984 Dec;6(6):573-81 (79 ref.)

Involvement of calcium and cytoskeleton in gallbladder epithelial cell volume regulation. Foskett JK, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C27-36

Microfilaments and the effects of antidiuretic hormone on water permeability [letter] Hardy MA. **Am J Physiol** 1985 Jan;248(1 Pt 1):C183-5

The role of contractile filaments in secretion. Bennett JP. **Biochem Soc Trans** 1984 Dec;12(6):963-5

The role of microtubules and microfilaments in the hydrosmotic response to antidiuretic hormone. Parisi M, et al. **Biochim Biophys Acta** 1985 Jul 25;817(2):333-42

The active cross-bridge motions of isolated thick filaments from myosin-regulated muscles detected by quasi-elastic light scattering. Fan SF, et al. **Biophys J** 1985 Jun; 47(6):809-21

Rapid loss of stress fibers in Chinese hamster ovary cells after hyperthermia. Glass JR, et al. **Cancer Res** 1985 Jan; 45(1):258-62

The involvement of the cytoskeleton during antibody-dependent cellular cytotoxicity (ADCC). Balazovich KJ, et al. **Cell Biol Int Rep** 1984 Nov; 8(11):923-38

Reactivation of NBD-phallacidin-labelled actomyosin fibrils in cryosections of Physarum polycephalum: a new cell-free model. Pies NJ, et al. **Cell Biol Int Rep** 1984 Dec; 8(12):1065-8

Is cytoplasm intelligent too? Albrecht-Buehler G. **Cell Muscle Motil** 1985;6:1-21

Cytoskeletal events during calcium- or EGF-induced initiation of DNA synthesis in cultured cells. Role of protein phosphorylation and clues in the transformation process. Marceau N, et al. **Cell Muscle Motil** 1985;6:97-140 (168 ref.)

On the role of microfilaments in cell-shape-mediated growth control of lens epithelial cells. Iwig M, et al. **Cell Tissue Kinet** 1985 Mar;18(2):169-82

Actin-mediated retraction of the larval epidermis during metamorphosis of the sand dollar, Dendraster excentricus. Burke RD. **Cell Tissue Res** 1985;239(3):589-97

Connexon rearrangement in cardiac gap junctions: evidence for cytoskeletal control? Green CR, et al. **Cell Tissue Res** 1984;237(1):185-6

Enrichment of fibrillar cytoplasmic actomyosin in protoplasmic strands of Physarum polycephalum for the production of cell-free models. Pies NJ, et al. **Cell Tissue Res** 1985;239(2):365-74

Mechanisms of beta-adrenergic receptor regulation in cultured chick heart cells. Role of cytoskeleton function and protein synthesis. Marsh JD, et al. **Circ Res** 1985 Jul; 57(1):171-81

Dynamics of the actin microfilament system in the Tubifex egg during ooplasmic segregation. Shimizu T. **Dev Biol** 1984 Dec;106(2):414-26

Coupling of cytoskeleton functions for fibroblast locomotion. Couchman JR, et al. **Eur J Cell Biol** 1985 Mar;36(2):182-94

Role of cytoskeletal elements in the retractile activity of human skin fibroblasts. Azzarone B, et al. **Exp Cell Res** 1984 Nov;155(1):299-304

Microtubules, microfilaments and the transport of acetylcholine receptors in embryonic myotubes. Connolly JA. **Exp Cell Res** 1985 Aug;159(2):430-40

Reorganization of plasma membrane-associated 36 000 dalton protein upon drug-induced redistribution of cytokeratin. Keski-Oja J, et al. **Exp Cell Res** 1985 May;158(1):86-94

Chromaffin granule-cytoskeleton interaction. Stabilization by F-actin of ATPase in purified chromaffin granule membranes. Morita K, et al. **FEBS Lett** 1985 Feb 25; 181(2):195-8

Membrane-cytoskeleton interactions and the regulation of chemotactic peptide-induced activation of human granulocytes: the effects of dihydrocytochalasin B. Jesaitis AJ, et al. **J Cell Biochem** 1985;27(3):241-53

14th annual UCLA symposia. March 9-April 4, 1985. Abstracts. **J Cell Biochem [Suppl]** 1985;9B:1-278

14th annual UCLA symposium. Abstracts: Membrane skeletons and cytoskeletal-membrane associations. **J Cell Biochem [Suppl]** 1985;9B:1-32

Decoration with myosin subfragment-1 disrupts contacts between microfilaments and the cell membrane in isolated Dictyostelium cortices. Bennett H, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1434-40

Tension and compression in the cytoskeleton of PC 12 neurites. Joshi HC, et al. **J Cell Biol** 1985 Sep; 101(3):697-705

Increase in actin contents and elongation of apical projections in retinal pigmented epithelial cells during development of the chicken eye. Owaribe K, et al. **J Cell Biol** 1985 Aug;101(2):590-6

Cytoplasmic motions, rheology, and structure probed by a novel magnetic particle method. Valberg PA, et al. **J Cell Biol** 1985 Jul;101(1):130-40

Exchange of actin subunits at the leading edge of living fibroblasts: possible role of treadmilling. Wang YL. **J Cell Biol** 1985 Aug;101(2):597-602

The role of microfilaments in the priming effect of LH-releasing hormone: an ultrastructural study using cytochalasin B. Lewis CE, et al. **J Endocrinol** 1985 Aug; 106(2):211-8

Influence of osmolytes, thin filaments, and solubility state on elasmobranch phosphofructokinase in vitro. Hand SC, et al. **J Exp Zool** 1984 Aug;231(2):297-302

Inhibition of herpes simplex virus type 1 penetration by cytochalasins B and D. Rosenthal KS, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1601-5

Human monocyte-mediated lysis of antibody-coated tumor cells: the role of the cytoskeleton in monocytes. Espevik T. **J Immunol** 1985 Mar;134(3):2017-25

Apical membrane area of rabbit urinary bladder increases by fusion of intracellular vesicles: an electrophysiological study. Lewis SA, et al. **J Membr Biol** 1984;82(2):123-36

The thin filament of vertebrate skeletal muscle co-operatively activates as a unit. Brandt PW, et al. **J Mol Biol** 1984 Dec 5;180(2):379-84

Promotion of microtubule assembly by neurofilament-associated microtubule-associated proteins. Leterrier JF, et al. **J Neurochem** 1984 Nov;43(5):1385-91

Cell surface Thy-1-cross-reactive glycoprotein in cultured PC12 cells: modulation by nerve growth factor and association with the cytoskeleton. Richter-Landsberg C, et al. **J Neurosci** 1985 Feb;5(2):468-76

The cytoskeletal apparatus of the intestinal brush border. Mooseker MS, et al. **KROC Found Ser** 1984;17:287-307 (80 ref.)

Cerebellar neurofilaments, neonatal copper deficiency and epilepsy. Eloman E, et al. **Med Hypotheses** 1985 Jan; 16(1):65-7

The role of cytoskeleton in the mechanisms of electric field effects and information transfer in cellular systems. Vassilev P, et al. **Med Hypotheses** 1985 Feb;16(2):93-6

Disruption of the three cytoskeletal networks in mammalian cells does not affect transcription, translation, or protein translocation changes induced by heat shock. Welch WJ, et al. **Mol Cell Biol** 1985 Jul;5(7):1571-81

Diacylglycerol in large alpha-actinin/actin complexes and in the cytoskeleton of activated platelets. Burn P, et al. **Nature** 1985 Apr 4-10;314(6010):469-72

Skeleton key to memory? [news] Burns NR. **Nature** 1985 Jan 17-23;313(5999):178-9

Modulation of lymphocyte deformability by concanavalin A. Elson EL, et al. **Prog Clin Biol Res** 1984;164:365-76

F-actin capping proteins. Maruta H, et al. **Prog Clin Biol Res** 1984;164:355-64

Calcium-dependent regulation of cytoskeletal structure and contractility in the intestinal brush border. Mooseker MS. **Prog Clin Biol Res** 1984;168:179-86

Direct visualization of organelle movement along actin filaments dissociated from characean algae. Kachar B. **Science** 1985 Mar 15;227(4692):1355-7

[Tissue mechanical in vitro studies of zonula fibers of cattle] Arnold G, et al. **Fortschr Ophthalmol** 1984;81(4):347-8 (Eng. Abstr.) **(Ger)**

[Participation of microfilaments in oocyte maturation in the clawed toad] Riabova LV, et al. **Dokl Akad Nauk SSSR** 1984;277(3):704-6 **(Rus)**

ULTRASTRUCTURE

Paired twisted filaments: a new ultrastructural marker of human pinealomas? Hassoun J, et al. **Acta Neuropathol (Berl)** 1984;65(2):163-5

An ultrastructural study of Pick bodies. Takauchi S, et al. **Acta Neuropathol (Berl)** 1984;64(4):344-8

Substructures of neurofilaments. Wen GY, et al. **Acta Neuropathol (Berl)** 1984;64(4):339-43

Substructures of paired helical filaments from Alzheimer's disease neurofibrillary tangles. Wisniewski HM, et al. **Acta Neuropathol (Berl)** 1985;66(2):173-6

Fingerprint-like straight crystalloid microfilaments in lobular glomerulonephritis. Hamaya K, et al. **Acta Pathol Jpn** 1985 May;35(3):767-73

Myosins A & B in the organization of myofilaments. Epstein HF. **Adv Exp Med Biol** 1985;182:215-22

Arrangements of actin filaments in the cytoskeleton of human platelets. White JG. **Am J Pathol** 1984 Nov;117(2):207-17

Cytoskeleton ultrastructure of podocytes and glomerular endothelial cells in man and in the rat. Vasmant D, et al. **Anat Rec** 1984 Sep;210(1):17-24

Neurofilament breakdown products in degenerating rat and human peripheral nerves. Trojanowski JQ, et al. **Ann Neurol** 1984 Sep;16(3):349-55

Hereditary motor sensory neuropathy type II with neurofilament accumulation: new finding or new disorder? Vogel P, et al. **Ann Neurol** 1985 May;17(5):455-61

The origin and distribution of cortical granules in human oocytes with reference to Golgi, nucleolar, and microfilament activity. Sathananthan AH, et al. **Ann NY Acad Sci** 1985;442:251-64

Structure of muscle filaments studied by electron microscopy. Amos LA. **Annu Rev Biophys Biophys Chem** 1985; 14:291-313 (62 ref.)

A case of malignant mesothelioma containing fibrous long-spacing fibers in the sarcomatous stroma. Katsuda S, et al. **Appl Pathol** 1984;2(1):1-9

Plasma membrane cytoskeletal complex of the mammalian spermatozoa. Jamil K. **Arch Androl** 1984;13(2-3):177-93

Fibrous bodies in growth hormone-secreting adenomas contain cytokeratin filaments. Neumann PE, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):505-8

Microtubules and desmin filaments during the onset of heart growth in the rat. Rappaport L, et al. **Basic Res Cardiol** 1985;80 Suppl 1:129-32

The coiled-coil molecules of intermediate filaments consist of two parallel chains in exact axial register. Parry DA, et al. **Biochem Biophys Res Commun** 1985 Mar 29; 127(3):1012-8

Microtubule-associated proteins connect microtubules and neurofilaments in vitro. Aamodt EJ, et al. **Biochemistry** 1984 Dec 4;23(25):6023-31

Association of microtubules and neurofilaments in vitro is not mediated by ATP. Aamodt EJ, et al. **Biochemistry** 1984 Dec 4;23(25):6031-5

The cytoskeleton in cancer cells. Ben-Ze'ev A. **Biochim Biophys Acta** 1985;780(3):197-212 (281 ref.)

The effects of lysophosphatidylcholine and related amphiphiles on platelet cytoskeletal assembly. Carroll RC, et al. **Biochim Biophys Acta** 1984 Oct 17;777(1):28-36

Presence of calmodulin in human platelet cytoskeletons and its concentration change upon activation of platelets. Yoshida K, et al. **Biochim Biophys Acta** 1984 Sep 28; 801(2):290-7

The cytoplasmic matrix of the human spermatozoon: cross-filaments link the various cell components. Escalier D. **Biol Cell** 1984;51(3):347-63

Biochemical and immunological characterization of the microfibrillar ecto-endoplasmic boundary in the ciliate Isotricha prostoma. Vigues B, et al. **Biol Cell** 1984; 51(1):67-78

Disassembly kinetics of thick filaments in rabbit skeletal muscle fibers. Effects of ionic strength, Ca2+ concentration, pH, temperature, and cross-bridges on the stability of thick filament structure. Higuchi H, et al. **Biophys J** 1985 Mar;47(3):267-75

On the contribution of moment-bearing links to bending and twisting in a three-dimensional sliding filament model. Hines M, et al. **Biophys J** 1984 Nov;46(5):559-65

Disassembly from both ends of thick filaments in rabbit skeletal muscle fibers. An optical diffraction study. Ishiwata S, et al. **Biophys J** 1985 Mar;47(3):257-66

Actin pools and actin microfilament organization in cultured human endothelial cells after exposure to thrombin. Galdal KS, et al. **Br J Haematol** 1984 Dec;58(4):617-25

Extranodal particle accumulations in the axolemma of myelinated frog optic axons. Tao-Cheng JH, et al. **Brain Res** 1984 Aug 13;308(2):289-300

The role of the cytoskeleton in hormone action. Hall PF. **Can J Biochem Cell Biol** 1984 Aug;62(8):653-65 (127 ref.)

Intermediate filament and cross-linked envelope expression in human lung tumor cell lines. Banks-Schlegel SP, et al. **Cancer Res** 1985 Mar;45(3):1187-97

Effect of retinoids on the growth, ultrastructure, and cytoskeletal structures of malignant rat osteoblasts. Ng KW, et al. **Cancer Res** 1985 Oct;45(10):5106-13

Intermediate-sized filaments and specific markers in a human salivary gland adenocarcinoma cell line and its nude mouse tumors. Sato M, et al. **Cancer Res** 1985 Aug;45(8):3878-90

Movement of organelles along filaments dissociated from the axoplasm of the squid giant axon. Vale RD, et al. **Cell** 1985 Feb;40(2):449-54

A prominent microtubule cytoskeleton in Acanthamoeba. Preston TM. **Cell Biol Int Rep** 1985 Apr;9(4):307-14

Cytoskeleton of human embryonal carcinoma cells. Damjanov I, et al. **Cell Differ** 1984 Dec;15(2-4):133-9

Actin microfilaments in paramecium: localization and role in intracellular movements. Cohen J, et al. **Cell Motil** 1984; 4(6):443-68

Localization of the centriole and keratin intermediate filaments in PtK1 cells by double immunofluorescence. Eckert BS, et al. **Cell Motil** 1984;4(4):241-7

Tension in the culture dish: microfilament organization and migratory behavior of quail neural crest cells. Tucker RP, et al. **Cell Motil** 1985;5(3):225-37

A periodic cytoskeletal lattice in striated muscle. Cooke P. **Cell Muscle Motil** 1985;6:287-313 (56 ref.)

Intermediate filaments in nervous tissue. Dahl D, et al. **Cell Muscle Motil** 1985;6:75-96 (153 ref.)

Tropomyosin. Structural and functional diversity. Payne MR, et al. **Cell Muscle Motil** 1985;6:141-84 (224 ref.)

Sarcomere-associated cytoskeletal lattices in striated muscle. Review and hypothesis. Wang K. **Cell Muscle Motil** 1985; 6:315-69 (189 ref.)

Fibrillar and cytoskeletal substructure of tight junctions: analysis of single-stranded tight junctions linking fibroblasts of the lamina fusca in hamster eyes. Hageman GS, et al. **Cell Tissue Res** 1984;238(3):545-57

Evidence for a role of the cytoskeleton in the in vitro folliculogenesis of the thyroid gland of the fetal rat. Pic P, et al. **Cell Tissue Res** 1984;237(3):499-508

Analysis of desmosomal intramembrane particle populations and cytoskeletal elements: detergent extraction and freeze-fracture. Pirbazari M, et al. **Cell Tissue Res** 1985; 241(2):341-51

Cytoskeletal features of rat aortic cells during development. An electron microscopic, immunohistochemical, and biochemical study. Kocher O, et al. **Circ Res** 1985 Jun; 56(6):829-38

Ultrastructural and immunomorphologic study of perinuclear filaments in Merkel cell tumors. McMahon JT, et al. **Cleve Clin Q** 1985 Spring;52(1):103–10

Association of alpha-crystallin with actin in cultured lens cells. Del Vecchio PJ, et al. **Curr Eye Res** 1984 Oct; 3(10):1213–9

Actin in polygonal arrays of microfilaments and sequestered actin bundles (SABs) in lens epithelial cells of rabbits and mice. Rafferty NS, et al. **Curr Eye Res** 1985 Jun;4(6):713–8

Polygonal arrays of microfilaments in epithelial cells of the intact lens. Rafferty NS, et al. **Curr Eye Res** 1984 Sep; 3(9):1141–9

2 Cases of hereditary palmoplantar keratoderma. An abnormality of keratohyalin granules and keratin fibril formation. Tezuka T. **Dermatologica** 1984;169(3):138–45

Neurofilament expression in vagal neural crest-derived precursors of enteric neurons. Payette RF, et al. **Dev Biol** 1984 Oct;105(2):273–87

Distribution of actin filaments in fertilized egg of the ascidian Ciona intestinalis. Sawada T, et al. **Dev Biol** 1985 Sep; 111(1):260–5

Organization of cytoskeleton and fibronectin matrix in Rous sarcoma virus (RSV)-transformed fibroblast lines with different metastatic potential. Di Renzo MF, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):85–96

Actin filaments and acetylcholine receptor clusters in embryonic chick myotubes. Connolly JA, et al. **Eur J Cell Biol** 1985 May;37:191–5

Co-expression of cytokeratin and vimentin filaments in mesothelial, granulosa and rete ovarii cells of the human ovary. Czernobilsky B, et al. **Eur J Cell Biol** 1985 May; 37:175–90

Alteration of intermediate filament distribution in PtK1 cells by acrylamide. Eckert BS. **Eur J Cell Biol** 1985 May; 37:169–74

Dipyridamole reduces the motility of 10T1/2 cells and disturbs their stress fibre pattern. Grutman G, et al. **Eur J Cell Biol** 1984 Nov;35(2):355–61

Type V collagen in human amnion is a 12 nm fibrillar component of the pericellular interstitium. Modesti A, et al. **Eur J Cell Biol** 1984 Nov;35(2):246–55

Immunocytochemistry of the acellular slime mold Physarum polycephalum. V. Cryosectioning now allows analysis of non-extracted plasmodia of any and all stages. Naib-Majani W, et al. **Eur J Cell Biol** 1985 Jan;36(1):1–7

Accumulations of membrane-free clathrin-like lattices in the mosquito oocyte. Raikhel AS. **Eur J Cell Biol** 1984 Nov; 35(2):279–83

Effects of liposome treatment and cytoskeleton-inhibiting drugs on the capping kinetics of rabbit T lymphocytes at various stages of differentiation. Roozemond RC, et al. **Eur J Cell Biol** 1984 Nov;35(2):322–6

Different distributions of microtubules, desmin filaments and isomyosins during the onset of cardiac hypertrophy in the rat. Samuel JL, et al. **Eur J Cell Biol** 1984 Jul;34(2):300–6

Immunofluorescent localisation of cytokeratin antigens in mitotic HeLa cells using monoclonal antibodies. Turner BM, et al. **Eur J Cell Biol** 1985 Jan;36(1):48–57

Cytoplasmic filaments in fetal and neonatal pig testis. van Vorstenbosch CJ, et al. **Eur J Cell Biol** 1984 Jul;34(2):292–9

Cytoskeletal proteins at the cholinergic synapse: distribution of desmin, actin, fodrin, neurofilaments, and tubulin in Torpedo electric organ. Walker JH, et al. **Eur J Cell Biol** 1985 Jul;38(1):123–33

Isolation of microvillar microfilaments and associated transmembrane complex from ascites tumor cell microvilli. Carraway CA, et al. **Exp Cell Res** 1985 Mar;157(1):71–82

Changes in cell-substratum adhesion and nuclear-cytoskeletal anchorage during cytodifferentiation of BeWo choriocarcinoma cells. Friedman SJ, et al. **Exp Cell Res** 1984 Oct;154(2):386–93

Improved negative staining of microfilament arrangements in detergent-extracted Physarum amoeboflagellates. Pagh KI, et al. **Exp Cell Res** 1985 Jan;156(1):287–93

Centripetal myosin redistribution in thrombin-stimulated platelets. Relationship to platelet Factor 4 secretion. Painter RG, et al. **Exp Cell Res** 1984 Nov;155(1):198–212

Barbed end-capping protein regulates polarity of actin filaments from the human erythrocyte membrane. Tsukita S, et al. **Exp Cell Res** 1985 May;158(1):280–5

Plasma gelsolin caps and severs actin filaments. Harris HE, et al. **FEBS Lett** 1984 Nov 19;177(2):184–8

Cytoskeleton of intestinal goblet cells in rabbit and monkey. The theca. Specian RD, et al. **Gastroenterology** 1984 Dec; 87(6):1313–25

Intermediate filaments in Merkel cell tumors. van Muijen GN, et al. **Hum Pathol** 1985 Jun;16(6):590–5

Three-dimensional image analysis of the complex of thin filaments and myosin molecules from skeletal muscle. IV. Reconstitution from minimal- and high-dose images of the actin-tropomyosin-myosin subfragment-1 complex. Toyoshima C, et al. **J Biochem (Tokyo)** 1985 Jan; 97(1):219–43

Three-dimensional image analysis of the complex of thin filaments and myosin molecules from skeletal muscle. V. Assignment of actin in the actin-tropomyosin-myosin subfragment-1 complex. Toyoshima C, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):245–63

Intermediate filaments in non-neuronal cells of invertebrates: isolation and biochemical characterization of intermediate filaments from the esophageal epithelium of the mollusc Helix pomatia. Bartnik E, et al. **J Cell Biol** 1985 Aug; 101(2):427–40

Extracellular compartments in matrix morphogenesis: collagen fibril, bundle, and lamellar formation by corneal fibroblasts. Birk DE, et al. **J Cell Biol** 1984 Dec; 99(6):2024–33

The structure of cytoplasm in directly frozen cultured cells. I. Filamentous meshworks and the cytoplasmic ground substance. Bridgman PC, et al. **J Cell Biol** 1984 Nov; 99(5):1655–68

Structure of C protein purified from cardiac muscle. Hartzell HC, et al. **J Cell Biol** 1985 Jan;100(1):208–15

Cytoskeletal architecture and immunocytochemical localization of microtubule-associated proteins in regions of axons associated with rapid axonal transport: the beta,beta'-iminodipropionitrile-intoxicated axon as a model system. Hirokawa N, et al. **J Cell Biol** 1985 Jul; 101(1):227–39

The kinetics of chemotactic peptide-induced change in F-actin content, F-actin distribution, and the shape of neutrophils. Howard TH, et al. **J Cell Biol** 1985 Sep; 101(3):1078–85

The organizational fate of intermediate filament networks in two epithelial cell types during mitosis. Jones JC, et al. **J Cell Biol** 1985 Jan;100(1):93–102

Electron microscopic and optical diffraction analysis of the structure of scorpion muscle thick filaments. Kensler RW, et al. **J Cell Biol** 1985 Aug;101(2):395–401

Giant axonal neuropathy: a conditional mutation affecting cytoskeletal organization. Klymkowsky MW, et al. **J Cell Biol** 1985 Jan;100(1):245–50

Distribution of epinemin in colloidal gold-labelled, quick-frozen, deep-etched cytoskeletons. Lawson D. **J Cell Biol** 1984 Oct;99(4 Pt 1):1451–60

Localization of tektin filaments in microtubules of sea urchin sperm flagella by immunoelectron microscopy. Linck RW, et al. **J Cell Biol** 1985 Jan;100(1):126–35

Connectin filaments in stretched skinned fibers of frog skeletal muscle. Maruyama K, et al. **J Cell Biol** 1984 Oct; 99(4 Pt 1):1391–7

The cytoplasmic filament system in critical point-dried whole mounts and plastic-embedded sections. Ris H. **J Cell Biol** 1985 May;100(5):1474–87

Reconstitution of cytokeratin filaments in vitro: further evidence for the role of nonhelical peptides in filament assembly. Sauk JJ, et al. **J Cell Biol** 1984 Nov;99(5):1590–7

Axial arrangement of the myosin rod in vertebrate thick filaments: immunoelectron microscopy with a monoclonal antibody to light meromyosin. Shimizu T, et al. **J Cell Biol** 1985 Sep;101(3):1115–23

Three-dimensional reconstruction of thick filaments from Limulus and scorpion muscle. Stewart M, et al. **J Cell Biol** 1985 Aug;101(2):402–11

Reformation of the marginal band of avian erythrocytes in vitro using calf-brain tubulin: peripheral determinants of microtubule form. Swan JA, et al. **J Cell Biol** 1984 Dec; 99(6):2108–13

Structural changes that occur in scallop myosin filaments upon activation. Vibert P, et al. **J Cell Biol** 1985 Sep; 101(3):830–7

Intermediate-sized filaments in Drosophila tissue culture cells. Walter MF, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1468–77

Reorganization of actin filament bundles in living fibroblasts. Wang YL. **J Cell Biol** 1984 Oct;99(4 Pt 1):1478–85

Subunit structure of paired helical filaments in Alzheimer's disease. Wischik CM, et al. **J Cell Biol** 1985 Jun; 100(6):1905–12

A 300,000-mol-wt intermediate filament-associated protein in baby hamster kidney (BHK-21) cells. Yang HY, et al. **J Cell Biol** 1985 Feb;100(2):620–31

Effects of chemotactic factors and other agents on the amounts of actin and a 65,000-mol-wt protein associated with the cytoskeleton of rabbit and human neutrophils. Yassin R, et al. **J Cell Biol** 1985 Jul;101(1):182–8

The organization of microfilaments in spreading platelets: a comparison with fibroblasts and glial cells. Karlsson R, et al. **J Cell Physiol** 1984 Oct;121(1):96–113

Anchoring filaments of the amphibian epidermal-dermal junction traverse the basal lamina entirely from the plasma membrane of hemidesmosomes to the dermis. Ellison J, et al. **J Cell Sci** 1984 Dec;72:163–72

Studies on the cytoskeletal and nuclear architecture of Xenopus erythrocytes. Gambino J, et al. **J Cell Sci** 1984 Dec;72:275–94

Microfilament organization and total actin content are decreased in hybrids derived from the fusion of HeLa cells with human fibroblasts. Gowing LR, et al. **J Cell Sci** 1984 Jul;69:137–46

Cytoskeletal reorganization and plasma membrane fusion in conjugating Tetrahymena. Wolfe J. **J Cell Sci** 1985 Feb; 73:69–85

Structural heterogeneity of the axonemes of respiratory cilia and sperm flagella in normal men. Wilton LJ, et al. **J Clin Invest** 1985 Mar;75(3):825–31

A study of intermediate filaments (cytokeratin, vimentin, neurofilament) in two cases of Merkel cell tumor. Dreno B, et al. **J Cutan Pathol** 1985 Feb;12(1):37–45

Intranuclear tonofilaments in a case of giant condylomata acuminata (Buschke and Loewenstein). Hori M, et al. **J Dermatol (Tokyo)** 1984 Apr;11(2):167–71

Visualization of the cytoskeletal elements in tissue culture cells by bloc-staining with hafnium chloride after rapid freezing and freeze-substitution fixation. Hatae T, et al. **J Electron Microsc (Tokyo)** 1984;33(2):186–90

Imaging cytoskeletal networks in thick sections. Smith JM. **J Electron Microsc (Tokyo)** 1984;33(4):378–80

Target cell lysis: ultrastructural and cytoskeletal alterations. Leopardi E, et al. **J Immunol** 1984 Dec;133(6):3429–36

Components of the cellular cytoskeleton: a new generation of markers of histogenetic origin? Osborn M. **J Invest Dermatol** 1984 May;82(5):443–5

Evaluation of anchoring fibrils and other components of the dermal-epidermal junction in dystrophic epidermolysis bullosa by a quantitative ultrastructural technique. Tidman MJ, et al. **J Invest Dermatol** 1985 May;84(5):374–7

Platelet cytoskeleton: immunofluorescence studies on thrombin-activated platelets. Jenkins CS, et al. **J Lab Clin Med** 1984 Oct;104(4):563–73

Intercellular communication and the control of growth: XI. Alteration of junctional permeability by the src gene in a revertant cell with normal cytoskeleton. Azarnia R, et al. **J Membr Biol** 1984;82(3):207–12

Assembly of vimentin in vitro and its implications concerning the structure of intermediate filaments. Ip W, et al. **J Mol Biol** 1985 Jun 5;183(3):365–75

Structure of short thick filaments from Limulus muscle. Levine RJ, et al. **J Mol Biol** 1985 Mar 20;182(2):347–52

Purification and properties of Ca2+-regulated thin filaments and F-actin from sheep aorta smooth muscle. Marston SB, et al. **J Muscle Res Cell Motil** 1984 Oct;5(5):559–75

Lateral filamentary spacing in chemically skinned murine muscles during contraction. Matsubara I, et al. **J Physiol (Lond)** 1985 Mar;360:135–48

Specific attachment of morphologically-distinct intermediate filaments to desmosomes and hemidesmosomes in the epidermis of the tadpole of the anuran, Pseudis paradoxus. Junqueira LC, et al. **J Submicrosc Cytol** 1984 Oct; 16(4):643–8

Is there a continuity of filaments in the sarcomere? Eremia D. **J Theor Biol** 1985 Jan 7;112(1):177–81

Reduced microfilament organization in adenovirus type 5-infected rat embryo cells: a function of early region 1a. Jackson P, et al. **J Virol** 1985 Sep;55(3):644–50

Vimentin filament-desmosome cytoskeleton of diverse types of human meningiomas. A distinctive diagnostic feature. Schwechheimer K, et al. **Lab Invest** 1984 Nov;51(5):584–91

Disruption of neurofilaments by bacterial toxins and viral antibodies: a possible factor in the genesis of seizure disorders and mental subnormality? Elomaa E, et al. **Med Hypotheses** 1984 Dec;15(4):395–7 (16 ref.)

Inhibition of vimentin synthesis and disruption of intermediate filaments in simian virus 40-infected monkey kidney cells. Ben-Ze'ev A. **Mol Cell Biol** 1984 Sep; 4(9):1880–9

Neuronal filaments in Alzheimer's, Pick's, and Parkinson's diseases [letter] Kahn J, et al. **N Engl J Med** 1985 Aug 22;313(8):520–1

Myosin filaments in cytoplasm [news] Pollard TD. **Nature** 1985 Mar 28–Apr 3;314(6009):321

Splitting hairs and other intermediate filaments [news] Steinert PM, et al. **Nature** 1985 Aug 29–Sep 4;316(6031):767

Vimentin intermediate filaments in cultures of human meningiomas. Lolait SJ, et al. **Neuropathol Appl Neurobiol** 1984 Sep–Oct;10(5):321–31

Intermediate filaments of normal and neoplastic tissues of the female genital tract with emphasis on problems of differential tumor diagnosis. Czernobilsky B, et al. **Pathol Res Pract** 1984 Sep;179(1):31–7

Vimentin organizing centre in cultured epithelial cells. Pedersen JS, et al. **Pathology** 1984 Oct;16(4):393–5

The cytoplasmic matrix: its volume and surface area and the diffusion of molecules through it. Gershon ND, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5030–4

Hypertrophy of actin bundles in tubular cells in acute renal failure. Olsen TS, et al. **Ultrastruct Pathol** 1984;7(4):241–50

Paired helical filaments in spinal ganglion neurons of elderly rats. van den Bosch de Aguilar P, et al. **Virchows Arch [Cell Pathol]** 1984;47(3):217–22

[The cytoskeleton] Virtanen I, et al. **Duodecim** 1985; 101(3):227–37 **(Fin)**

[Byler's disease. Ultrastructural study. Apropos of a case in an infant] Pincon JA, et al. **Pediatrie** 1984 Jun;39(4):279–88 (Eng. Abstr.) **(Fre)**

[The cytoskeleton reveals the kind of cancer. Cell-specific support structures are not destroyed by the tumor] **Fortschr Med** 1984 Oct 25;102(40):96–7 **(Ger)**

[Changes in the intermediate filament cytoskeleton of liver cells in alcoholic liver injury] Denk H, et al. **Wien Klin Wochenschr** 1985 Apr 12;97(8):354–8 (25 ref.) (Eng. Abstr.) **(Ger)**

[Ultracytochemical studies on the filaments of myoepithelial cell in the human salivary gland] Yoshihara T. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Jun;87(6):714–20 (Eng. Abstr.) **(Jpn)**

[Interaction of cytoskeleton and cell membrane] Ishikawa H. **Nippon Rinsho** 1985 Apr;43(4):697–701 **(Jpn)**

[Axonal cytoskeleton and excitable membrane] Tsukita S. **Tanpakushitsu Kakusan Koso** 1984 Nov;29(12 Suppl):975–86 (36 ref.) **(Jpn)**

[Alcoholic hyalin and interstitial filaments as markers of alcoholic damage of internal organs] Lebedev SP, et al. **Arkh Patol** 1984;46(11):52–8 (Eng. Abstr.) **(Rus)**

[Cytoskeletal reorganization in hepatocytes of the regenerating mouse liver] Gleiberman AS, et al.

Biull Eksp Biol Med 1984 Dec;98(12):741-3 (Eng. Abstr.) **(Rus)**

[Role of the cytoskeleton in the morphological normalization of transformed cells in culture] Liass LA. **Biull Eksp Biol Med** 1985 Jul;100(7):86-9 (Eng. Abstr.) **(Rus)**

[Regulating role of the microtubule system in the distribution of actin microfilament bundies in embryonic fibroblasts] Liass LA, et al. **Ontogenez** 1985 Mar-Apr;16(2):167-70 (Eng. Abstr.) **(Rus)**

[Scanning electron microscopy of the cytoskeleton of the aortic endothelial cells of mature and aged rats] Mironov VA, et al. **Tsitol Genet** 1985 Jan-Feb;19(1):5-8 (Eng. Abstr.) **(Rus)**

[Electron microscopic analysis of lymphocyte fibrillar elements during the redistribution of surface receptors] Bobrova IF, et al. **Tsitologiia** 1985 Mar;27(3):282-6 (Eng. Abstr.) **(Rus)**

[Role of microtubules and intermediate filaments in maintaining the shape of epithelial cells] Karavanova ID, et al. **Tsitologiia** 1985 Jun;27(6):693-7 (Eng. Abstr.) **(Rus)**

[Relative spacing of the microtubules and intermediate filaments during fibroblast spreading in culture] Liss LA. **Tsitologiia** 1985 Mar;27(3):342-5 (Eng. Abstr.) **(Rus)**

CYTOPLASMIC GRANULES

Increased degranulation of human myeloperoxidase-deficient polymorphonuclear leucocytes. Dri P, et al. **Br J Haematol** 1985 Jan;59(1):115-25

[Lipid granularity and topographic characteristics of renomedullary interstitial cells in genetically spontaneous hypertension in rats] Tsibel' BN, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):358-60 (Eng. Abstr.) **(Rus)**

ANALYSIS

Estrogen-induced 24K protein in MCF-7 breast cancer cells is localized in granules. Ciocca DR, et al. **Breast Cancer Res Treat** 1984;4(4):261-8

Comparative study of the major glycoproteins of the plasma membrane and secretory granule membranes of porcine platelets. Grinstein S, et al. **Comp Biochem Physiol [B]** 1984; 78(3):657-62

Association of newly synthesized pro-opiomelanocortin with secretory granule membranes in pituitary pars intermedia cells. Loh YP, et al. **FEBS Lett** 1985 May 6;184(1):40-3

Elemental analysis of individual rat blood platelets by electron probe X-ray microanalysis using a direct quantification method. Boekestein A, et al. **Histochemistry** 1985;82(3):257-61

Purification and characterization of protease-resistant secretory granule proteoglycans containing chondroitin sulfate di-B and heparin-like glycosaminoglycans from rat basophilic leukemia cells. Seldin DC, et al. **J Biol Chem** 1985 Sep 15;260(20):11131-9

Identification of L-ascorbic acid in secretion granules of the rat parotid gland. von Zastrow M, et al. **J Biol Chem** 1984 Oct 10;259(19):11746-50

CLASSIFICATION

Identification of three types of granules in neutrophils of ruminants. Ultrastructure of circulating and maturing cells. Baggiolini M, et al. **Lab Invest** 1985 Feb;52(2):151-8

DRUG EFFECTS

Inhibition of eosinophils degranulation by Ketotifen in a patient with milk allergy, manifested as bronchial asthma—an electron microscopic study. Podleski WK, et al. **Agents Actions** 1984 Oct;15(3-4):177-81

Control of secretion vesicle margination and lysis by glucose, IBMX, and glyburide. Draznin B, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E375-80

Inhomogeneities in glycoprotein cytochemistry of secretory granules in rat-parotid acinar cells after selective beta 1-adrenoceptor stimulation. Carlsöö B, et al. **Arch Oral Biol** 1984;29(12):953-8

Occurrence of intramitochondrial Ca2+ granules in a hypertrophied heart exposed to adriamycin. Singal PK, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1239-44

Effects of short-term treatment with calcium on the parathyroid gland of the rat, under particular consideration of the alteration of storage granules. Setoguti T, et al. **Cell Tissue Res** 1985;240(1):9-17

Studies on some biological differences between the chiral forms of methyl-1-naphthyl-p-nitrophenyl phosphorothionate. Akintonwa DA. **Ecotoxicol Environ Safety** 1985 Feb;9(1):53-63

Intracellular calcium redistribution and its relationship to fMet-Leu-Phe, leukotriene B4, and phorbol ester induced rabbit neutrophil degranulation. Naccache PH, et al. **J Cell Physiol** 1985 Feb;122(2):273-80

Calcium ionophore A23187 calcium-dependent cytolytic degranulation in human eosinophils. Fukuda T, et al. **J Immunol** 1985 Aug;135(2):1349-56

[Effect of metabolic inhibitors on formed novocaine and neutral red segregation zones in frog erythrocytes] Veselkina MN, et al. **Tsitologiia** 1985 Apr;27(4):433-9 (Eng. Abstr.) **(Rus)**

[Cytophotometric study of the granules formed in frog erythrocytes incubated in solutions of acridine orange, chloroquine and daunorubicin] Veselkina MN, et al. **Tsitologiia** 1984 Nov;26(11):1267-72 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Further characterization of the peptidyl alpha-amidating enzyme in rat anterior pituitary secretory granules. Glembotski CC. **Arch Biochem Biophys** 1985 Sep; 241(2):673-83

Unique inhibitory profile of platelet activating factor induced calcium mobilization, polyphosphoinositide turnover and granule enzyme secretion in rabbit neutrophils towards pertussis toxin and phorbol ester. Naccache PH, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):677-84

An aminopeptidase activity in bovine pituitary secretory vesicles that cleaves the N-terminal arginine from beta-lipotropin60-65. Gainer H, et al. **FEBS Lett** 1984 Sep 17;175(1):135-9

Granulated intraepithelial lymphocytes: their relationship to mucosal mast cells and globule leucocytes in the rat. Huntley JF, et al. **Immunology** 1984 Nov;53(3):525-35

The somatostatin-28 convertase of rat brain cortex is associated with secretory granule membranes. Gomez S, et al. **J Biol Chem** 1985 Sep 5;260(19):10541-5

Pituitary enzyme conversion of putative synthetic oxytocin precursor intermediates. Kanmera T, et al. **J Biol Chem** 1985 Aug 25;260(18):10118-24

Phorbol esters inhibit the fMet-Leu-Phe- and leukotriene B4-stimulated calcium mobilization and enzyme secretion in rabbit neutrophils. Naccache PH, et al. **J Biol Chem** 1985 Feb 25;260(4):2125-31

Immunocytochemical assays of amylase and chymotrypsinogen in rat pancreas secretory granules. Efficacy of using immunogold-labeled ultrathin cryosections to estimate relative protein concentrations. Posthuma G, et al. **J Histochem Cytochem** 1984 Oct; 32(10):1028-34

The effect of storage on degranulation by human neutrophils. Lane TA, et al. **Transfusion** 1985 Mar-Apr;25(2):155-61

IMMUNOLOGY

The role of cytoplasmic granules in cytotoxicity by large granular lymphocytes and cytotoxic T lymphocytes. Henkart P, et al. **Adv Exp Med Biol** 1985;184:121-38

Antigens differentially expressed on surface and cytoplasmic structures of human myeloid cells. Fitz-Gibbon L, et al. **Leuk Res** 1985;9(1):123-34

[Diagnostic value of the human basophil degranulation test. Value of passive transfer (letter)] Sainte-Laudy J, et al. **Presse Med** 1984 Oct 27;13(38):2326 **(Fre)**

METABOLISM

Iron-containing granules in the syncytiotrophoblast of the human chorionic villi. Hamasaki K, et al. **Acta Anat (Basel)** 1985;121(3):194-6

Difference of lectin binding sites of secretory granules between normal pituitary and adenoma cells. Hori T, et al. **Acta Neuropathol (Berl)** 1985;66(3):177-83

Histochemical analysis of secretory vesicles in nongoblet conjunctival epithelial cells. Greiner JV, et al. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):89-92

Ascorbic acid uptake to isolated nerve terminals and secretory granules from ox neurohypophyses. Thorn NA, et al. **Acta Physiol Scand** 1985 May;124(1):87-92

Permeability of zymogen granule membrane to protein. Rothman SS, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G385-92

Protein kinase activity associated with pancreatic zymogen granules. Burnham DB, et al. **Biochem J** 1985 May 1; 227(3):743-51

Histamine uptake in pig platelets and isolated dense granules. Fukami MH, et al. **Biochem Pharmacol** 1984 Dec 1; 33(23):3869-74

The effect of ions and ionophores on cystine egress from human leucocyte lysosome-rich granular fraction. Bashan N, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):267-73

Arachidonic acid incorporation by cytoplasmic lipid bodies of human eosinophils. Weller PF, et al. **Blood** 1985 May; 65(5):1269-74

Direct identification of prohormone conversion site in insulin-secreting cells. Orci L, et al. **Cell** 1985 Sep; 42(2):671-81

Dynamics in immunocytochemical labelling of granules in the gonadotrops of the African catfish Clarias gariepinus, as a function of induced release. Peute J, et al. **Cell Biol Int Rep** 1985 Jun;9(6):522

Uptake of released mast cell granules by reticular cells of the rat lymph node. Miyata K, et al. **Cell Tissue Res** 1985; 240(1):49-55

Are the renin-containing granules of juxtaglomerular epithelioid cells modified lysosomes? Taugner R, et al. **Cell Tissue Res** 1985;239(3):575-87

In vitro conditions modify immunoassayability of bovine pituitary prolactin and growth hormone: insights into their secretory granule storage forms. Lorenson MY. **Endocrinology** 1985 Apr;116(4):1399-407

Intracellular transport of the major glycoprotein of zymogen granule membranes in the rat pancreas. Demonstration of high turnover at the plasma membrane. Havinga JR, et al. **Eur J Biochem** 1984 Oct 1;144(1):177-83

Osmotic properties and internal pH of isolated rat parotid secretory granules. Arvan P, et al. **J Biol Chem** 1984 Nov 10;259(21):13567-72

Cytochrome b translocation to human neutrophil plasma membranes and superoxide release. Differential effects of N-formylmethionylleucylphenylalanine, phorbol myristate acetate, and A23187. Ohno Y, et al. **J Biol Chem** 1985 Feb 25;260(4):2409-14

Identification of a transmembrane glycoprotein specific for secretory vesicles of neural and endocrine cells. Buckley K, et al. **J Cell Biol** 1985 Apr;100(4):1284-94

The exocrine protein trypsinogen is targeted into the secretory granules of an endocrine cell line: studies by gene transfer. Burgess TL, et al. **J Cell Biol** 1985 Aug; 101(2):639-45

Sorting and secretion of adrenocorticotropin in a pituitary tumor cell line after perturbation of the level of a secretory granule-specific proteoglycan. Burgess TL, et al. **J Cell Biol** 1984 Dec;99(6):2223-30

In cow anterior pituitary, growth hormone and prolactin can be packed in separate granules of the same cell. Fumagalli G, et al. **J Cell Biol** 1985 Jun;100(6):2019-24

Dopamine enters lactotrophs and reaches their secretory granules. Gallardo MG, et al. **J Endocrinol** 1985 Jan; 104(1):23-8

Thrombin-induced degranulation of cultured bone marrow-derived mast cells. Razin E, et al. **J Immunol** 1984 Dec;133(6):3282-5

Oxidative metabolism of cord blood neutrophils: relationship to content and degranulation of cytoplasmic granules. Ambruso DR, et al. **Pediatr Res** 1984 Nov;18(11):1148-53

Biochemistry of alpha granule proteins. Holt JC, et al. **Semin Hematol** 1985 Apr;22(2):151-63 (181 ref.)

[Functional morphology of interstitial cells of the renal medulla] Sokolova RI, et al. **Arkh Patol** 1984;46(11):22-8 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Anomalous neutrophil granule distribution in a patient with lactoferrin deficiency: pertinence to the respiratory burst. Borregaard N, et al. **Am J Hematol** 1985 Mar;18(3):255-60

Histochemical studies of dense-core granulated tumors of the lung. Neuron-specific enolase as a marker for granulated cells. Wilson TS, et al. **Arch Pathol Lab Med** 1985 Jul;109(7):613-20

Gray platelet syndrome: selective alpha-granule deficiency and thrombocytopenia due to increased platelet turnover. Köhler M, et al. **Blut** 1985 Jun;50(6):331-40

B cell lines as models for inherited phagocytic diseases: abnormal superoxide generation in chronic granulomatous disease and giant granules in Chediak-Higashi syndrome. Volkman DJ, et al. **J Immunol** 1984 Dec;133(6):3006-9

Demonstration of eosinophil polymorph granules in sections of paraffin- and methacrylate-embedded tissue: a new method. Smith PJ, et al. **Med Lab Sci** 1984 Jul;41(3):288-90

PHYSIOLOGY

A new elastase inhibitor from Streptococcus pneumoniae protects against acute lung injury induced by neutrophil granules. Vered M, et al. **Am Rev Respir Dis** 1985 Jan; 131(1):131-3

Alterations in mast cell degranulation and ovarian histamine in the proestrous hamster. Krishna A, et al. **Biol Reprod** 1985 Jun;32(5):1211-7

Neutrophil specific granules: a fuse that ignites the inflammatory response. Gallin JI. **Clin Res** 1984 Sep; 32(3):320-8

Synchronous exocytosis in Paramecium cells. V. Ultrastructural adaptation phenomena during re-insertion of secretory organelles. Pape R, et al. **Eur J Cell Biol** 1985 Jan;36(1):38-47

Secretory granules. Hutton JC. **Experientia** 1984 Oct 15; 40(10):1091-8 (90 ref.)

Differences in the behavior of cytoplasmic granules and lipid bodies during human lung mast cell degranulation. Dvorak AM, et al. **J Cell Biol** 1984 Nov;99(5):1678-87

Neutrophil degranulation: evidence pertaining to its mediation by the combined effects of leukotriene B4, platelet-activating factor, and 5-HETE. O'Flaherty JT. **J Cell Physiol** 1985 Feb;122(2):229-39

Comparison of quick-frozen and chemically fixed sea-urchin eggs: structural evidence that cortical granule exocytosis is preceded by a local increase in membrane mobility. Chandler DE. **J Cell Sci** 1984 Dec;72:23-36

Derivation of Langerhans cell granules from cytomembrane. Takahashi S, et al. **J Invest Dermatol** 1985 Jun;84(6):469-71

On mechanical aspects of vesicular transport. Hiram Y, et al. **J Theor Biol** 1984 Nov 7;111(1):91-113

Translocation of vesicles from squid axoplasm on flagellar microtubules. Gilbert SP, et al. **Nature** 1985 May 16-22; 315(6016):245-8

Irreversible swelling of secretory granules during exocytosis caused by calcium. Zimmerberg J, et al. **Nature** 1985 Jun 13-19;315(6020):581-4

Granulocytes without degranulation: neutrophil function in granule-depleted neutroplasts. Korchak HM, et al. **Trans Assoc Am Physicians** 1983;96:356-64

Phagocytosis of mast cell granules by fibroblasts of the human gingiva. Takeda Y. **Virchows Arch [A]** 1985; 406(2):197-201

RADIATION EFFECTS

Photoprotective role of epidermal melanin granules against ultraviolet damage and DNA repair in guinea pig skin. Ishikawa T, et al. **Cancer Res** 1984 Nov;44(11):5195-9

SECRETION

A possible role for endogenous protease in secretory events. Allan D. **Biochem Soc Trans** 1984 Dec;12(6):965-6

The role of contractile filaments in secretion. Bennett JP. **Biochem Soc Trans** 1984 Dec;12(6):963-5

Inhibition of human neutrophil secondary granule discharge by antiinflammatory agents. Davies J, et al. **Inflammation** 1984 Dec;8(4):343-51

[Secretory mechanism and biomembrane function] Kurosumi K. **Nippon Rinsho** 1985 Apr;43(4):748-54 (22 ref.) **(Jpn)**

ULTRASTRUCTURE

Intranuclear cytoplasmic inclusions in aspirates of follicular neoplasms of the thyroid. A report of two cases. Glant MD, et al. **Acta Cytol (Baltimore)** 1984 Sep-Oct; 28(5):576-80

Intranuclear cytoplasmic inclusions in carcinoma of the thyroid gland [letter] O'Morchoe PJ, et al. **Acta Cytol (Baltimore)** 1984 Sep-Oct;28(5):621

Comparative ultracytochemical studies on the secretory organelles of avian thrombocytes and human blood platelets. Morgenstern E, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:207-10

The morphology of lipopigment granules in oligodendrocytes of the cerebellum and spinal cord and in Schwann cells of the N. ischiadicus of the cat, Japanese waltzing mouse, and albino mouse. Lange W, et al. **Acta Neuropathol (Berl)** 1985;65(3-4):330-4

Ultrastructure of Crooke's cells with special reference to their secretory granules. Uei Y, et al. **Acta Pathol Jpn** 1984 Sep; 34(5):971-8

Cytolytic T-cell granules: biochemical properties and functional specificity. Podack ER, et al. **Adv Exp Med Biol** 1985;184:99-119

A light and fluorescence cytochemical and electron microscopic study of granule-containing cells in the intrapulmonary ganglia of Pseudemys scripta elegans. Scheuermann DW, et al. **Am J Anat** 1984 Dec; 171(4):377-99

Cytoplasmic inclusions in hepatocytes of bone marrow transplant patients: light and electron microscopic characterization. Zubair I, et al. **Am J Clin Pathol** 1985 Jan;83(1):65-8

Synthesis and renal activity of rat atrial granules depend on extracellular volume. Ackermann U, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R750-2

The origin and distribution of cortical granules in human oocytes with reference to Golgi, nucleolar, and microfilament activity. Sathananthar AH, et al. **Ann NY Acad Sci** 1985;442:251-64

Cyanobacterial cell inclusions. Allen MM. **Annu Rev Microbiol** 1984;38:1-25 (151 ref.)

Immature Paneth cells in intestinal metaplasia of gastric mucosa. Albedi FM, et al. **Appl Pathol** 1984;2(1):43-8

Composite keratohyaline granules in palmoplantar keratoderma: an ultrastructural study. Laurent R, et al. **Arch Dermatol Res** 1985;277(5):384-94

Ultrastructure of Paneth cells in germ-free rats, with special reference to the secretory granules and lysosomes. Satoh Y. **Arch Histol Jpn** 1984 Aug;47(3):293-301

The prostasome: its secretion and function in man. Ronquist G, et al. **Biochim Biophys Acta** 1985 Sep 9;822(2):203-18 (97 ref.)

Eccentric localization of von Willebrand factor in an internal structure of platelet alpha-granule resembling that of Weibel-Palade bodies. Cramer EM, et al. **Blood** 1985 Sep; 66(3):710-3

Clara cell granules of peripheral lung cancers. Ogata T, et al. **Cancer** 1984 Oct 15;54(8):1635-44

Granule populations in oxytocin and abnormal perikarya of the supraoptic nucleus of homozygous Brattleboro rats: effects of colchicine administration. Chapman DB, et al. **Cell Tissue Res** 1985;241(2):435-44

Quinacrine-induced dilation of the rat cecum and degeneration of large granular vesicle-containing neurons in the myenteric plexus. Iijima T, et al. **Cell Tissue Res** 1985;241(2):383-9

Isolation and partial characterization of two populations of secretory granules from rat parotid glands. Iversen JM, et al. **Cell Tissue Res** 1985;240(2):441-7

2 Cases of hereditary palmoplantar keratoderma. An abnormality of keratohyalin granules and keratin fibril formation. Tezuka T. **Dermatologica** 1984;169(3):138-45

Dynamic features of luteal secretory granules: ultrastructural changes during the course of pregnancy in the cow. Fields MJ, et al. **Endocrinology** 1985 Oct;117(4):1675-82

Cysteamine depletes prolactin (PRL) but does not alter the structure of PRL-containing granules in the anterior pituitary. Weinstein LA, et al. **Endocrinology** 1984 Oct; 115(4):1543-50

Immunoelectron microscopical demonstration of endogenous avidin in secretory granules of the hen oviduct mucosa: a preliminary study. Kami K, et al. **Histochem J** 1984 Aug; 16(8):835-42

Electron micrographs of intracytoplasmic granules [letter] Crowson N, et al. **Histopathology** 1985 May;9(5):567-8

Endocrine-paracrine cells of the prostate and prostatic urethra: an ultrastructural study. di Sant'Agnese PA, et al. **Hum Pathol** 1984 Nov;15(11):1034-41

Neurophysin heterogeneity. Difference between newly formed and aged neurosecretory granules. Nordmann JJ, et al. **J Biol Chem** 1984 Nov 10;259(21):13111-6

Paramecium secretory granule content: quantitative studies on in vitro expansion and its regulation by calcium and pH. Garofalo RS, et al. **J Cell Biol** 1984 Dec;99(6):2193-9

Differences in the volume distributions of human lung mast cell granules and lipid bodies: evidence that the size of these organelles is regulated by distinct mechanisms. Hammel I, et al. **J Cell Biol** 1985 May;100(5):1488-92

Glucocorticoids increase amylase mRNA levels, secretory organelles, and secretion in pancreatic acinar AR42J cells. Logsdon CD, et al. **J Cell Biol** 1985 Apr;100(4):1200-8

Subcellular location of stimulus-affected endogenous phosphoproteins in the rat parotid gland. Spearman TN, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1354-63

Ultrastructural characterization and morphometric analysis of human eosinophil degranulation. Henderson WR, et al. **J Cell Sci** 1985 Feb;73:33-48

Lateral diffusion of membrane particles at the early stage in IgE-mediated mast cell degranulation. Akagi M, et al. **J Electron Microsc (Tokyo)** 1984;33(4):371-4

Conjugated avidin binds to mast cell granules. Tharp MD, et al. **J Histochem Cytochem** 1985 Jan;33(1):27-32

Structure of catecholamine secretory vesicles from PC12 cells. Wagner JA. **J Neurochem** 1985 Oct;45(4):1244-53

Granule formation in large granular lymphocytes (LGL). Ultrastructural and cytochemical studies on cells from patients with abnormally expanded lgl populations. Grossi CE, et al. **J Submicrosc Cytol** 1984 Oct;16(4):759-71

Granular cell tumor of the appendix. Sarma DP, et al. **J Surg Oncol** 1984 Dec;27(4):219-21

Comparative investigations on the specificity of Adams' reaction and the Biebrich scarlet stain for the demonstration of eosinophilic granules. Mlynek ML. **Klin Wochenschr** 1985 Jul 15;63(14):646-7

Biochemical and microscopic evidence for the internalization and degradation of heparin-containing mast cell granules by bovine endothelial cells. Atkins FM, et al. **Lab Invest** 1985 Mar;52(3):278-86

Positive desmosome staining in the uranaffin reaction [letter] deMent SH, et al. **Lab Invest** 1985 Apr;52(4):462-3

Three-dimensional structures of crystalline B-cell granules in dog pancreatic islets. Hotta Y, et al. **Okajimas Folia Anat Jpn** 1985 Mar;61(6):399-421

Significance of X granules in histiocytosis X: an ultrastructural study. Hamoudi AB, et al. **Pediatr Pathol** 1985;3(1):93-102

Immunocytochemical identification of dynorphin-containing vesicles in Brattleboro rats. Whitnall MH, et al. **Peptides (Fayetteville)** 1985 Mar-Apr;6(2):241-7

Ultrastructure of renal glomerular hematoxylin bodies. Morita M, et al. **Ultrastruct Pathol** 1984;7(1):13-9

Spherical bodies. Nesland JM, et al. **Ultrastruct Pathol** 1984; 7(1):73-8

Pleomorphic adenoma of minor salivary gland [letter] Wills EJ. **Ultrastruct Pathol** 1984;7(1):79

Three types of cytoplasmic granules in cardiac muscle cells of cynomolgus monkeys (Macaca fascicularis). Jasty V, et al. **Vet Pathol** 1984 Sep;21(5):505-8

CYTOPLASMIC POLYHEDROSIS VIRUSES see **POLYHEDROSIS VIRUSES**

CYTOPLASMIC STREAMING

A mathematically modelled cytogel cortex exhibits periodic Ca++-modulated contraction cycles seen in Physarum shuttle streaming. Odell GM. **J Embryol Exp Morphol** 1984 Nov;83 Suppl:261-87

DRUG EFFECTS

The effect of prostaglandins I2, E1, E2 and dibutyryl cyclic AMP on the cytoplasmic spreading of rat osteoclasts. Chambers TJ, et al. **Br J Exp Pathol** 1984 Oct;65(5):557-66

Effect of parathyroid hormone and calcitonin on the cytoplasmic spreading of isolated osteoclasts. Chambers TJ, et al. **J Endocrinol** 1984 Sep;102(3):281-6

CYTOSINE

CG doublet difficulties in vertebrate DNA [letter] **Nature** 1985 Feb 7-13;313(6002):437-8

DNA methylation and G+C rich DNA [letter] Adams RL, et al. **Nature** 1984 Nov 29-Dec 5;312(5993):407-8

[Marker stability in the electron microscopic visualization of cytosine] Ulanov BP, et al. **Dokl Akad Nauk SSSR** 1985, 281(3):720-2 **(Rus)**

ANALOGS & DERIVATIVES

Effective systemic antifungal agents. Lefrock JL, et al. **Am Fam Physician** 1984 Dec;30(6):162-7

Falsely elevated serum creatinine levels secondary to the presence of 5-fluorocytosine. Mitchell RT, et al. **Am J Clin Pathol** 1985 Aug;84(2):251-3

Effect of various concentrations of flucytosine on the accuracy of serum creatinine determinations. Souney PF, et al. **Am J Hosp Pharm** 1985 Mar;42(3):621-2

Analysis of products of DNA modification by methylases: a procedure for the determination of 5- and N4-methylcytosines in DNA. Butkus VV, et al. **Anal Biochem** 1985 Jul;148(1):194-8

Experimental intravitreal 5-fluorocytosine. Yoshizumi MO, et al. **Ann Ophthalmol** 1985 Jan;17(1):58-61

Analysis of pH and buffer effects on flucytosine activity in broth dilution susceptibility testing of Candida albicans in two synthetic media. Calhoun DL, et al. **Antimicrob Agents Chemother** 1984 Sep;26(3):364-7

Improved procedure for determination of flucytosine in human blood plasma by high-pressure liquid chromatography. Schwertschlag U, et al. **Antimicrob Agents Chemother** 1984 Sep;26(3):303-5

Decreased activity of UMP pyrophosphorylase associated with resistance to 5-fluorocytosine in Candida albicans. Whelan WL, et al. **Antimicrob Agents Chemother** 1984 Oct; 26(4):570-4

Intercalation of water molecules between nucleic acid bases in the crystal structures of 6-azathymine hemihydrate and 5-amino-2-thiocytosine dihydrochloride dihydrate. Srikrishnan T, et al. **Arch Biochem Biophys** 1985 May 15; 239(1):38-45

Mechanism of antitumor action of pyrimidinones in the treatment of B16 melanoma and P388 leukemia. Li LH, et al. **Cancer Res** 1985 Feb;45(2):532-8

Antineoplastic effects in rats of 5-fluorocytosine in combination with cytosine deaminase capsules. Nishiyama T, et al. **Cancer Res** 1985 Apr;45(4):1753-61

High-performance liquid chromatographic determination of 3-methylcytosine in deoxyribonucleic acid treated with carcinogenic methylating agents in vitro and in vivo. Kawasaki H, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar; 33(3):1170-4

In vitro and in vivo antifungal activity of the combination methylpartricin-5-fluorocytosine. Strippoli V, et al. **Chemioterapia** 1984 Apr;3(2):119-25

Enhancement of resistance to Listeria monocytogenes infection in mice by pyrimidine analogs. Anthony LS, et al. **Clin Invest Med** 1984;7(4):343-8

5'-Methyl-cytosine in the macronuclear DNA of Blepharisma japonicum. Salvini M, et al. **Experientia** 1984 Dec 15;40(12):1401-3

Laboratory methods for flucytosine (5-fluorocytosine). Report of a Working Group of the British Society for Mycopathology. **J Antimicrob Chemother** 1984 Jul; 14(1):1-8

Determination of DNA sequences containing methylcytosine in Bacillus subtilis Marburg. Guha S. **J Bacteriol** 1985 Aug; 163(2):573-9

Type III 5-methylcytosine modification of DNA in Neisseria gonorrhoeae. Korch C, et al. **J Bacteriol** 1985 Mar; 161(3):1236-7

Formation of highly stable complexes between 5-azacytosine-substituted DNA and specific non-histone nuclear proteins. Implications for 5-azacytidine-mediated effects on DNA methylation and gene expression. Christman JK, et al. **J Biol Chem** 1985 Apr 10; 260(7):4059-68

The irreversible binding of azacytosine-containing DNA fragments to bacterial DNA(cytosine-5)methyltransferases. Friedman S. **J Biol Chem** 1985 May 10;260(9):5698-705

Gas chromatography-mass spectrometry characteristics of methylated perfluoroacyl derivatives of cytosine and 5-methylcytosine. Mohamed GB, et al. **J Chromatogr** 1984 Nov 30;314:211-7

Simplified bioassay method for measurement of flucytosine or ketoconazole. Bodet CA 3d, et al. **J Clin Microbiol** 1985 Aug;22(2):157-60

Rapid determination of 5-fluorocytosine levels in blood. Noble MA, et al. **J Clin Microbiol** 1984 Nov;20(5):996-7

False elevation in serum creatinine levels [letter] Herrington D, et al. **JAMA** 1984 Dec 7;252(21):2962

Diagnosis of cryptococcosis and monitoring of chemotherapy. Scholer HJ. **Mykosen** 1985 Jan;28(1):5-16 (64 ref.)

DNA methylation in thermophilic bacteria: N4-methylcytosine, 5-methylcytosine, and N6-methyladenine. Ehrlich M, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1399-412

Pattern of undermethylation of the major satellite DNA of mouse sperm. Feinstein SI, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3969-78

Combined therapy with amphotericin B and 5-fluorocytosine for Candida meningitis. Smego RA Jr, et al. **Rev Infect Dis** 1984 Nov-Dec;6(6):791-801

In vitro susceptibility of Paracoccidioides brasiliensis yeast form to antifungal agents. Restrepo A, et al. **Rev Inst Med Trop Sao Paulo** 1984 Nov-Dec;26(6):322-8

The effect of 5-fluorocytosine on the temperature profile of Candida albicans. Lemos-Carolino M, et al. **Sabouraudia** 1984;22(4):351-4

Fitting methylation into development [news] Kolata G. **Science** 1985 Jun 7;228(4704):1183-4

Induction of hepatitis B virus core gene in human cells by cytosine demethylation in the promoter. Korba BE, et al. **Science** 1985 May 31;228(4703):1103-6

Comparative responses of vaginal mucosa to chronic pyrimidinone-induced irritation. Gray JE, et al. **Toxicol Pathol** 1984;12(3):228-34

[Treatment of chromomycosis with a combination of 5-fluorocytosine and thiabendazole. Apropos of a Zairian case due to Fonsecaea pedrosoi] De Clercq D, et al.

Ann Soc Belg Med Trop 1985;65(1):95-7 (Fre)

[Fluorimetric assay of serum 5-fluorocytosine] David M, et al. **Pathol Biol (Paris)** 1985 Jan;33(1):70-2 (Eng. Abstr.) (Fre)

[Concentration-contact time relationship in the effect of antimycotic drug combinations (clotrimazole, nystatin, 5-fluorocytosine) and the effect of increasing and decreasing antimycotic drug concentrations on Candida albicans] Rumler W, et al. **Mykosen** 1985 May;28(5):251-7 (Eng. Abstr.) (Ger)

[Relation between the antibiotic concentration and contact time of the effect of 5-fluorocytosine, bifonazole and Bay N 7133 on Candida albicans] Rumler W, et al. **Mykosen** 1984 Sep;27(9):436-42 (Eng. Abstr.) (Ger)

[A case of chronic necrotizing pulmonary aspergillosis] Iwata H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar;23(3):380-4 (Eng. Abstr.) (Jpn)

[Sensitivity of Candida strains to selected antifungal antibiotics] Jurek M, et al. **Pol Tyg Lek** 1984 Sep 17;39(38):1269-71 (Eng. Abstr.) (Pol)

ANALYSIS

Spectrofluorometric determination of bacterial DNA base composition. Lutz LH, et al. **Anal Biochem** 1985 Jan;144(1):1-5

A 1H and 31P NMR study of cis-Pt(NH3)2[d(CpGpG)-N7(2),N7(3)]. The influence of a 5'-terminal cytosine, on the structure of the cis-Pt(NH3)2[d(GpG)-N7,N7] intrastrand cross-link. den Hartog JH, et al. **Eur J Biochem** 1985 Mar 1;147(2):371-9

On the molecular basis of transition mutations. Frequency of forming 2-aminopurine-cytosine base mispairs in the G X C----A X T mutational pathway by T4 DNA polymerase in vitro. Mhaskar DN, et al. **J Biol Chem** 1984 Oct 10;259(19):11713-7

Gas chromatography-mass spectrometry characteristics of methylated perfluoroacyl derivatives of cytosine and 5-methylcytosine. Mohamed GB, et al. **J Chromatogr** 1984 Nov 30;314:211-7

Evidence for surface effects in an electron-capture detector. Nazareth A, et al. **J Chromatogr** 1984 Nov 30;314:219-32

Distribution of G + C-rich regions in varicella-zoster virus DNA. Ruyechan WT, et al. **J Gen Virol** 1985 Jan;66 (Pt 1):43-54

Simian virus 40 guanine-cytosine-rich sequences function as independent transcriptional control elements in vitro. Mishoe H, et al. **Mol Cell Biol** 1984 Dec;4(12):2911-20

METABOLISM

Sequence specificity of cytosine methylation in the DNA of the Chinese hamster ovary (CHO-K1) cell line. Woodcock DM, et al. **Biochim Biophys Acta** 1984 Dec 14;783(3):227-33

Recognition of a cytosine base lesion by a human damage-specific DNA binding protein. Carew JA, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):303-15

PHARMACODYNAMICS

[Lethal and mutagenic action of incorporated 5-3H-cytosine on extracellular phage lambda] Konevega LV, et al. **Radiobiologiia** 1985 May-Jun;25(3):319-23 (Eng. Abstr.) (Rus)

PHYSIOLOGY

Abasic sites from cytosine as termination signals for DNA synthesis. Sagher D, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4285-98

RADIATION EFFECTS

Radiation-induced crosslinking of cytosine. Dizdaroglu M, et al. **Radiat Res** 1984 Oct;100(1):41-6

CYTOSINE ARABINOSIDE see **CYTARABINE**

CYTOSINE NUCLEOTIDES

Selective isolation of mercurated DNA by affinity chromatography on thiol matrices. Banfalvi G et al. **Anal Biochem** 1985 Apr;146(1):64-70

Modulation of HLA-DR antigens expression in human myeloid leukaemia cells by cytarabine and 5-aza-2'-deoxycytidine [letter] Pinto A, et al. **Lancet** 1984 Oct 13;2(8407):867-8

X-ray structure of cytidine-5'-O-dimethylphosphate. Novel stacking between the ribosyl O(2') hydroxyl oxygen atom and the base. Brennan RG, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6813-25

Helix opening in deoxyribonucleic acid from a proton nuclear magnetic resonance study of imino and amino protons in d(CG)3. Fazakerley GV, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8269-79

[Conformation of dinucleoside phosphates: the conformation encoding hypothesis] Pokrovskaia MIu, et al. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):98-109 (Eng. Abstr.) (Rus)

ANALYSIS

A firefly luciferase assay for determination of cytidine 5'-triphosphate in biological samples. Nitschmann WH. **Anal Biochem** 1985 May 15;147(1):186-93

The identification of cyclic nucleotides from living systems using collision-induced dissociation of ions generated by fast atom bombardment mass spectrometry. Kingston EE, et al. **Biomed Mass Spectrom** 1984 Jul;11(7):367-74

BIOSYNTHESIS

Cyclopentenyl cytidine analogue. An inhibitor of cytidine triphosphate synthesis in human colon carcinoma cells. Glazer RI, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2535-9

CHEMICAL SYNTHESIS

Synthesis and antitumor and antiviral activities of a series of 1-beta-D-ribofuranosyl-5-halocytosine (5-halocytidine) cyclic 3',5'-monophosphates. Beres J, et al. **J Med Chem** 1985 Apr;28(4):418-22

METABOLISM

CTP can replace GTP in reactions catalyzed by eukaryotic peptide elongation factor 1. Tuháčková Z, et al. **FEBS Lett** 1984 Nov 5;177(1):112-4

Nucleic acid binding drugs. Part XIII. Molecular motion in a drug-nucleic acid model system: thermal motion analysis of a proflavine-dinucleoside crystal structure. Aggarwal AK, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5671-84

Effect of fasting on the metabolism of cytidine nucleotides in the liver of intact and alpha-hexachlorocyclohexane-treated rats. Seifert J, et al. **Physiol Bohemoslov** 1984;33(5):403-10

PHARMACODYNAMICS

Central action of cyclic: 3',5'-thymidine, 3',5'-uridine and 3',5'-citidine monophosphates in rat. Brus R, et al. **Acta Med Pol** 1984;25(1-4):1-9

The CMP-stimulated production of diacylglycerol and CDPdiacylglycerol in neuronal nuclei labelled with radioactive arachidonate. Baker RR, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):221-30

Phosphatidylcholine as a source of diacylglycerols in neuronal nuclei incubated in the presence of EGTA and CMP. Baker RR, et al. **Biochim Biophys Acta** 1984 Oct 24;796(1):55-63

CYTOSKELETAL PROTEINS

14th annual UCLA symposium. Abstracts: Membrane skeletons and cytoskeletal-membrane associations. **J Cell Biochem [Suppl]** 1985;9B:1-32

ANALYSIS

Partial sequence homologies between cytoskeletal proteins, c-myc, Rous sarcoma virus and adenovirus proteins, transducin, and beta- and gamma-crystallins. Crabbe MJ. **Biosci Rep** 1985 Feb;5(2):167-74

Schwann cells cultured from adult rats contain a cytoskeletal protein related to astrocyte filaments. Fields KL, et al. **Brain Res** 1985 Jun;352(2):259-69

The localization of cytoskeletal proteins and thyroglobulin in thyroid microcarcinoma in comparison with clinically manifested thyroid carcinoma. Yagi Y, et al. **Cancer** 1985 Oct 15;56(8):1967-71

The erythrocyte membrane skeleton: biochemistry. Lux S, et al. **Hosp Pract [Off]** 1984 Oct;19(10):77-83

Grandeur in the red blood cell. Young LE. **Hosp Pract [Off]** 1984 Oct;19(10):16-7, 20, 22

Components of the cytoskeleton in the retinal pigmented epithelium of the chick. Philp NJ, et al. **J Cell Biol** 1985 Aug;101(2):358-62

Coexpression of neuroendocrine markers and epithelial cytoskeletal proteins in bronchopulmonary neuroendocrine neoplasms. Blobel GA, et al. **Lab Invest** 1985 Jan;52(1):39-51

Lumen formation and redistribution of inframembranous proteins during differentiation of ducts in the rat mammary gland. Dulbecco R, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5763-6

[Relation between glutathione and cytoplasmic protein sulfhydryl groups in the rat: a rapid procedure for analytical determination] Di Simplicio P, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1161-7 (Eng. Abstr.) (Ita)

[Immunohistochemical localization of cytoskeletal proteins and thyroglobulin in the follicular cells of Hashimoto's thyroiditis] Yagi Y, et al. **Nippon Naibunpi Gakkai Zasshi** 1985 Mar 20;61(3):179-88 (Eng. Abstr.) (Jpn)

BIOSYNTHESIS

Cytoskeletal proteins of the ageing human lens. Maisel H. **Ciba Found Symp** 1984;106:163-76

Mechanisms of beta-adrenergic receptor regulation in cultured chick heart cells. Role of cytoskeleton function and protein synthesis. Marsh JD, et al. **Circ Res** 1985 Jul;57(1):171-81

Synthesis of cytoskeletal and contractile proteins by cultured IMR-90 fibroblasts. Low RB, et al. **J Cell Biol** 1985 Aug;101(2):500-5

BLOOD

Disulfide-linked and transglutaminase-catalyzed protein assemblies in platelets. Cohen I, et al. **Blood** 1985 Jul;66(1):143-51

Protein changes in activated human platelets. Giometti CS, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2078-83

Regulin, a cytoskeleton-associated protein affecting phosphorylation-dephosphorylation. Kramer G, et al. **Hamatol Bluttransfus** 1985;29:302-5

Platelet cytoskeleton: immunofluorescence studies on thrombin-activated platelets. Jenkins CS, et al. **J Lab Clin Med** 1984 Oct;104(4):563-73

Effects of storage conditions on platelet cytoskeletal proteins. Prodouz KN, et al. **J Lab Clin Med** 1985 May;105(5):560-7

Influence of diamide on aggregation, cytoskeletal proteins, and arachidonic acid metabolism in human platelets. Caruso D, et al. **Thromb Res** 1984 Oct 1;36(1):9-16

Chemical modification of cytoskeletal proteins of human blood platelets by diamide. Spangenberg P, et al. **Thromb Res** 1984 Dec 15;36(6):609-18

GENETICS

Cell shape, the complex cellular networks, and gene expression. Cytoskeletal protein genes as a model system. Ben-Ze'ev A. **Cell Muscle Motil** 1985;6:23-53 (118 ref.)

IMMUNOLOGY

Autoantibodies to the cytoskeleton in human sera. Oliver JM, et al. **Cell Muscle Motil** 1985;6:55-74 (48 ref.)

Immunofluorescent detection of anti-cytoskeleton antibodies using vinblastine-treated mononuclear cells. Zauli D, et al. **J Immunol Methods** 1985 Sep 3;82(1):77-82

ISOLATION & PURIFICATION

An examination of the soluble oligomeric complexes extracted from the red cell membrane and their relation to the membrane cytoskeleton. Beaven GH, et al. **Eur J Cell Biol** 1985 Mar;36(2):299-306

METABOLISM

Mechanisms of cytoskeletal regulation. Modulation of aortic endothelial cell spectrin by the extracellular matrix. Pratt BM, et al. **Am J Pathol** 1984 Dec;117(3):349-54

Cytoskeletal features of rat aortic cells during development. An electron microscopic, immunohistochemical, and biochemical study. Kocher O, et al. **Circ Res** 1985 Jun;56(6):829-38

Expression of keratins and other cytoskeletal proteins in mouse mammary epithelium during the normal developmental cycle and primary culture. Asch HL, et al. **Dev Biol** 1985 Feb;107(2):470-82

Adhesiveness and distribution of vinculin and spectrin in retinal pigmented epithelial cells during growth and differentiation in vitro. Opas M, et al. **Dev Biol** 1985 Feb;107(2):269-80

Cytoskeletal proteins at the cholinergic synapse: distribution of desmin, actin, fodrin, neurofilaments, and tubulin in Torpedo electric organ. Walker JH, et al. **Eur J Cell Biol** 1985 Jul;38(1):123-33

Nerve growth factor- and epidermal growth factor-stimulated phosphorylation of a PC12 cytoskeletally associated protein in situ. Landreth GE, et al. **J Cell Biol** 1985 Mar;100(3):677-83

Association of the postsynaptic 43K protein with newly formed acetylcholine receptor clusters in cultured muscle cells. Peng HB, et al. **J Cell Biol** 1985 May;100(5):1698-705

Effect upon mitogenic stimulation of calcium-dependent phosphorylation of cytoskeleton-associated 350,000- and 80,000-mol-wt polypeptides in quiescent 3Y1 cells. Sato C, et al. **J Cell Biol** 1985 Mar;100(3):748-53

Altered axonal transport of cytoskeletal proteins in the mutant diabetic mouse. Vitadello M, et al. **J Neurochem** 1985 Sep;45(3):860-8

Appearance of new variants of membrane skeletal protein 4.1 during terminal differentiation of avian erythroid and lenticular cells. Granger BL, et al. **Nature** 1985 Jan 17-23;313(5999):238-41

Alterations in rat axonal cytoskeletal proteins induced by in vitro and in vivo 2,5-hexanedione exposure. DeCaprio AP, et al. **Toxicol Appl Pharmacol** 1985 Apr;78(2):235-47

PHARMACODYNAMICS

Inhibition of fibroblastic cell division by a fraction of structural glycoproteins extracted from rabbit dermis. Maquart FX, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):509-15

PHYSIOLOGY

The membrane skeleton of human erythrocytes and its implications for more complex cells. Bennett V. **Annu Rev Biochem** 1985;54:273-304 (249 ref.)

Cytoskeletal events during calcium- or EGF-induced initiation of DNA synthesis in cultured cells. Role of protein phosphorylation and cues in the transformation process. Marceau N, et al. **Cell Muscle Motil** 1985;6:97-140 (168 ref.)

Connexon rearrangement in cardiac gap junctions: evidence for cytoskeletal control? Green CR, et al. **Cell Tissue Res** 1984;237(1):185-6

Regulation of glutamate receptor binding by the cytoskeletal protein fodrin. Siman R, et al. **Nature** 1985 Jan 17-23; 313(5999):225-8

The cytoplasmic matrix: its volume and surface area and the diffusion of molecules through it. Gershon ND, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5030-4

CYTOSKELETON see CYTOPLASMIC FILAMENTS

CYTOSOL

ANALYSIS

No correlation between membrane potential and increased cytosolic free Ca2+ concentration, 86Rb+ influx or subsequent [3H]-thymidine incorporation in neoplastic human B cells stimulated with antibodies to surface immunoglobulin. Heikkilä R, et al. **Acta Physiol Scand** 1985 May;124(1):107-15

Measurement of cytosolic free calcium in mammalian cells with aequorin. Snowdowne KW, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C396-408

Variation of pH of mammary tumour cytosols: potential influence on steroid receptor assay. Norgren A, et al. **Anticancer Res** 1985 Jul-Aug;5(4):423-5

Measurements of the cytosolic Ah receptor among four strains of Drosophila melanogaster. Bigelow SW, et al. **Arch Toxicol** 1985 Feb;56(4):219-25

Partial purification from rat and pig liver of cytosolic stimulators of hormone-sensitive adenylate cyclase: quantitation and resolution of two components. Kelly TM, et al. **Biochem Med** 1984 Oct;32(2):252-69

Systematic search for 1 alpha,25-dihydroxy-vitamin D3 receptors in human breast carcinomas. Ulmann A, et al. **Biomed Pharmacother** 1984;38(4):204-8

Quantitative aspects of the E2 receptor assay for human breast tumour cytosol using dextran-coated charcoal. Wilson DW, et al. **Br J Cancer** 1984 Oct;50(4):493-9

Carcinoembryonic antigen and steroid receptors in the cytosol of carcinoma of the breast. Relationship to pathologic and clinical features. Schwartz MR, et al. **Cancer** 1985 May 15;55(10):2464-71

Occurrence of cytosolic protein and phosphoprotein changes in human colon tumor cells with the development of resistance to mitomycin C. Taylor CW, et al. **Cancer Res** 1985 Sep;45(9):4422-7

Free cytosolic Ca2+ measurements with fluorine labelled indicators using 19FNMR. Metcalfe JC, et al. **Cell Calcium** 1985 Apr;6(1-2):183-95

Measurement of cytosolic free Ca2+ in individual small cells using fluorescence microscopy with dual excitation wavelengths. Tsien RY, et al. **Cell Calcium** 1985 Apr; 6(1-2):145-57

Measurement of cytosolic free calcium concentration in isolated rat ventricular myocytes with quin 2. Sheu SS, et al. **Circ Res** 1984 Dec;55(6):830-4

Two-dimensional electrophoretic analysis of cytosols from human breast tumors: optimal migration conditions. Motté P, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1947-9

Dual actions of phorbol esters on cytosolic free Ca2+ concentrations and reconstitution with ionomycin of acute thyrotropin-releasing hormone responses. Albert PR, et al. **J Biol Chem** 1985 Jul 25;260(15):8746-59

1 alpha,25-Dihydroxyvitamin D-induced modification of a cytosolic protein in embryonic chick intestine. Bishop CW, et al. **J Biol Chem** 1985 May 10;260(9):5209-12

Measuring and manipulating cytosolic Ca2+ with trapped indicators. Tsien RY. **KROC Found Ser** 1984;17:147-55 (48 ref.)

[Steroid hormone receptors in malignant mammary gland tumors in dogs] Rampan IuI, et al. **Eksp Onkol** 1985; 7(2):40-3 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Coronary hyperemia and cardiac hypertrophy following inhibition of fatty acid oxidation. Evidence of a regulatory role for cytosolic phosphorylation potential. Higgins AJ, et al. **Adv Myocardiol** 1985;6:329-38

Inducible aldehyde dehydrogenases from rat liver cytosol. Simpson VJ, et al. **Toxicol Appl Pharmacol** 1985 Jun 30; 79(2):193-203

ENZYMOLOGY

Evaluation of cytosolic aminopeptidase in human sera. Evaluation in hepatic disorders. Kanno T, et al. **Am J Clin Pathol** 1984 Dec;82(6):700-5

The isolation of large quantities of undamaged cellular organelles and cytosolic enzymes using a low-shear continuous tissue homogenizer. Spelsberg TC, et al. **Anal Biochem** 1984 Dec;143(2):237-48

Rapid purification and radioimmunoassay of cytosolic malic enzyme. Wise LS, et al. **Anal Biochem** 1984 Jul; 140(1):256-63

Cyclopropyl oxiranes: reversible inhibitors of cytosolic and microsomal epoxide hydrolases. Prestwich GD, et al. **Arch Biochem Biophys** 1985 Mar;237(2):361-72

Calmodulin-stimulated protein methylation in rat liver cytosol. Siegel FL, et al. **Arch Biochem Biophys** 1985 Mar; 237(2):347-53

A single step method for the separation of rat liver cytosolic glutathione S-transferase isozymes. Botti-Cacciari B, et al. **Arch Toxicol [Suppl]** 1984;7:517-20

Protein kinase C translocates from cytosol to membrane upon hormone activation: effects of thyrotropin-releasing hormone in GH3 cells. Drust DS, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):531-7

Effect of streptozotocin on the glutathione S-transferases of mouse liver cytosol. Agius C, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):811-9

Properties of NADPH-dependent carbonyl reductases in rat liver cytosol. Ikeda M, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):3957-61

Regiospecific and diastereoselective inactivation of mutagenic 9,10-dihydrobenzo[a]-pyrene 7,8-oxide by hepatic cytosolic glutathione S-transferase. Watabe T, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4051-6

Casein kinases and their protein substrates in rat liver cytosol: evidence for their participation in multimolecular systems. Meggio F, et al. **Biochim Biophys Acta** 1985 Aug 30; 846(2):248-56

Cytosolic enzyme leakage from isolated smooth muscle preparations. Baer HP, et al. **Can J Physiol Pharmacol** 1985 Feb;63(2):164-5

Sex differences in indomethacin-sensitive 3 alpha-hydroxysteroid dehydrogenase of rat liver cytosol. Smithgall TE, et al. **Cancer Res** 1985 Oct;45(10):4946-9

Catalysis of the covalent binding of 3-hydroxyamino-1-methyl-5H-pyrido[4,3-b]indole to DNA by a L-proline- and adenosine triphosphate-dependent enzyme in rat hepatic cytosol. Yamazoe Y, et al. **Cancer Res** 1985 Jun;45(6):2495-500

Interindividual variations in the activities of cytosolic and microsomal epoxide hydrolase in human liver. Mertes I, et al. **Carcinogenesis** 1985 Feb;6(2):219-23

DNA binding of N-hydroxy-Trp-P-2 and N-hydroxy-Glu-P-1 by acetyl-CoA dependent enzyme in mammalian liver cytosol. Shinohara A, et al. **Carcinogenesis** 1985 Feb;6(2):305-7

Examination of the subcellular distribution of tripeptide aminopeptidase and evaluation of its clinical usefulness in human serum. Kanda S, et al. **Clin Biochem** 1984 Aug; 17(4):253-7

Enzyme immunoassay of human cytosolic aspartate aminotransferase. Hirano K, et al. **Clin Chim Acta** 1984 Dec 15;144(1):49-57

Aging selectively alters glutathione S-transferase isozyme concentrations in liver and lung cytosol. Spearman ME, et al. **Drug Metab Dispos** 1984 Sep-Oct;12(5):661-71

A cytosol protease from the estrogen-resistant C3H mammary carcinoma increases the affinity of the estrogen receptor for DNA in vitro. Baskevitch PP, et al. **Eur J Biochem** 1985 Feb 1;146(3):671-8

Specific labeling of cytosolic and mitochondrial aspartate aminotransferases. Carotti D, et al. **Eur J Biochem** 1985 Feb 1;146(3):619-23

Properties of cytosolic epoxide hydrolase purified from the liver of untreated and clofibrate-treated mice. Purification procedure and physiochemical characterization of the pure enzymes. Meijer J, et al. **Eur J Biochem** 1985 May 2; 148(3):421-30

On the regulation of cold-labile cytosolic and of mitochondrial acetyl-CoA hydrolase in rat liver. Söling HD, et al. **Eur J Biochem** 1985 Feb 15;147(1):111-7

Spermine promotes the translocation of phosphatidate phosphohydrolase from the cytosol to the microsomal fraction of rat liver and it enhances the effects of oleate in this respect. Martin-Sanz P, et al. **FEBS Lett** 1985 Jan 7;179(2):262-6

Structural and genetic relationships between cytosolic and mitochondrial isoenzymes. Doonan S, et al. **Int J Biochem** 1984;16(12):1193-9 (40 ref.)

Purification and some properties of rabbit liver cytosol thioltransferase. Hatakeyama M, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):893-7

Phosphatidate phosphatase in rat liver: the relationship between the activities with membrane-bound phosphatidate and aqueous dispersion of phosphatidate. Ide H, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):45-54

Role of cytosolic superoxide dismutase as a stimulator in anthranilamide hydroxylation by a microsomal monooxygenase system in rat liver. Ohta Y, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1323-36

Interaction with deoxycholate of rat liver peroxisomal and cytosolic catalase. Takei N, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):685-92

Characterization of cytosolic estrogen sulfotransferase from RL95-2 endometrial cancer cells. Grosso DS, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):829-34

Distribution of cytosolic and mitochondrial aspartate aminotransferase in normal, ischemic, and necrotic myocardium. An immunohistochemical study. Siegel RJ, et al. **Lab Invest** 1984 Dec;51(6):648-54

Partial purification and properties of long-chain acyl-CoA hydrolase from rat brain cytosol. Lin AY, et al. **Neurochem Res** 1984 Nov;9(11):1571-91

The indirect effect of Ca2+ on liver and kidney cytosol phosphoenolpyruvate carboxykinase activity. Matyaszczyk M, et al. **Prog Clin Biol Res** 1984;168:171-5

Plasminogen activator activity in human breast cancer cytosols. Ng R, et al. **Tumour Biol** 1984;5(3-4):179-87

[Action of proteolytic enzymes from the cytosol of human erythrocytes on tuftsin, the peptide activator of phagocytosis] Alekseenko LP, et al. **Dokl Akad Nauk SSSR** 1984 Nov-Dec;279(1):226-9 **(Rus)**

[Cytosol aspartate aminotransferase from the chicken heart: three-dimensional structure at 2.8 angstroms resolution and the characteristic conformation of various enzyme forms] Braunshtein AE, et al. **Mol Biol (Mosk)** 1985 Jan-Feb; 19(1):196-208 (Eng. Abstr.) **(Rus)**

[Thymidine kinase activity and its isoenzymes in breast tumors] Gershtein ES, et al. **Vestn Akad Med Nauk SSSR** 1985;(1):41-4 (Eng. Abstr.) **(Rus)**

[Enzymatic mechanism of the body's defense against foreign substances in food] Tutel'ian VA. **Vestn Akad Med Nauk SSSR** 1984;(8):84-9 (Eng. Abstr.) **(Rus)**

METABOLISM

Auranofin treatment of rats: adaptation to intestinal adverse effects and observations on the cytosolic distribution of gold in the intestines, liver and kidneys. Glennås A. **Acta Pharmacol Toxicol (Copenh)** 1985 May;56(5):404-9

Gluconeogenesis, cytosolic redox potential, and phosphate and fluid transport in the isolated rabbit proximal tubule. Yanagawa N, et al. **Adv Exp Med Biol** 1984;178:59-68

Estimates for cytosolic concentration [letter] Snowdowne KW. **Am J Physiol** 1984 Dec;247(6 Pt 1):E837

Degradation of erythrocyte-microinjected and scrape-loaded homologous cytosolic proteins by 3T3-L1 cells. Doherty FJ, et al. **Biochem J** 1985 Mar 15; 226(3):685-95

Phosphorylation of cytosolic proteins by resting and activated human neutrophils. Andrews PC, et al. **Blood** 1984 Oct;64(4):883-90

Partial characterization of endogenous phosphorylation conditions for hen brain cytosolic and membrane proteins. Patton SE, et al. **Brain Res** 1985 Feb 25;328(1):1-14

Androgen cytosol binding during compensatory overload-induced skeletal muscle hypertrophy. Hickson RC, et al. **Can J Biochem Cell Biol** 1985 May;63(5):348-54

Oxidative metabolism of 7-methylbenz[a]anthracene, 12-methylbenz[a]anthracene and 7,12-dimethylbenz[a]anthracene by rat liver cytosol. Flesher JW, et al. **Cancer Lett** 1985 Feb;26(1):83-8

Selective phosphorylation of cytosol proteins associated with transformation and restoration of normal phenotype in AKR mouse embryo fibroblasts. Chakrabarty S, et al. **Cancer Res** 1985 May;45(5):2170-6

Stability of vincristine complexes in cytosols derived from xenografts of human rhabdomyosarcoma and normal tissues of the mouse. Houghton JA, et al. **Cancer Res** 1985 Aug; 45(8):3761-7

Modulation of protein kinase C activity and [3H]phorbol 12,13-dibutyrate binding by various tumor promoters in mouse brain cytosol. Leach KL, et al. **Cancer Res** 1985 May;45(5):1958-63

Influence of microsomal and cytosolic fractions from the liver of 4 animal species and man on the mutagenicity of carcinogenic aminoazo dyes and nature of the mutagenicity-enhancing factor in the cytosol from rat liver. Mori Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep; 32(9):3641-50

Cytosolic insulin-degrading activity in islet-derived tumor cell lines and in normal rat islets. Bhathena SJ, et al. **Diabetes** 1985 Feb;34(2):121-8

Analysis and properties of the cytosolic estrogen receptor from rat thymus. Morgan DD, et al. **Endocr Res** 1984; 10(2):193-207

Receptor binding and biological activity of 18-oxocortisol. Gomez-Sanchez CE, et al. **Endocrinology** 1985 Jan; 116(1):6-10

Immunochemical measurement of histone H3 in non-nucleosomal compartments of cultured mammalian cells. Senshu T, et al. **Eur J Biochem** 1985 Jan 15; 146(2):261-6

In vitro reconstitution of messenger ribonucleoprotein particles from globin messenger RNA and cytosol proteins. Gaedigk R, et al. **FEBS Lett** 1985 Jan 7;179(2):201-7

The cleavable prepiece of an imported mitochondrial protein is sufficient to direct cytosolic dihydrofolate reductase into the mitochondrial matrix. Hurt EC, et al. **FEBS Lett** 1984 Dec 10;178(2):306-10

Pertussis toxin selectively abolishes hormone induced lowering of cytosolic calcium in GH3 cells. Schlegel W, et al. **FEBS Lett** 1985 Sep 9;189(1):27-32

Quantal entry of diphtheria toxin to the cytosol. Hudson TH, et al. **J Biol Chem** 1985 Mar 10;260(5):2675-80

A transient rise in cytosolic calcium follows stimulation of quiescent cells with growth factors and is inhibitable with phorbol myristate acetate. McNeil PL, et al. **J Cell Biol** 1985 Aug;101(2):372-9

Cytosolic calcium, calcium fluxes, and regulation of alveolar macrophage superoxide anion production. Stickle DF, et al. **J Cell Physiol** 1984 Dec;121(3):458-66

Stereospecific transport of triiodothyronine from plasma to cytosol and from cytosol to nucleus in rat liver, kidney, brain, and heart. Oppenheimer JH, et al. **J Clin Invest** 1985 Jan;75(1):147-54

Androgen-binding proteins in sheep epididymis: age-related effects on androgen-binding protein, cytosolic androgen receptor and testosterone concentrations. Correlations with histological studies. Carreau S, et al. **J Endocrinol** 1984 Dec;103(3):281-6

Thyroid hormone binding in rat liver cytosol. Morgan G. **J Endocrinol** 1984 Dec;103(3):265-71

Transduction by leukotriene B4 receptors of increases in cytosolic calcium in human polymorphonuclear leukocytes. Goldman DW, et al. **J Immunol** 1985 Jul;135(1):525-30

Interleukin 2-induced lymphocyte proliferation is independent of increases in cytosolic-free calcium concentrations. Mills GB, et al. **J Immunol** 1985 Apr; 134(4):2431-5

Increased cytosolic androgen receptor binding in rat striated muscle following denervation and disuse. Bernard PA, et al. **J Neurochem** 1984 Nov;43(5):1479-83

Estrogen and progestin binding by cytosolic and nuclear fractions of human meningiomas. Martuza RL, et al. **J Neurosurg** 1985 May;62(5):750-6

High-affinity lead binding proteins in rat kidney cytosol mediate cell-free nuclear translocation of lead. Mistry P, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):462-9

Regulation of cytosolic calcium concentration in presynaptic nerve endings isolated from rat brain. Nachshen DA. **J Physiol (Lond)** 1985 Jun;363:87-101

High affinity cytosol binding site(s) for antiestrogens in two human breast cancer cell lines and in biopsy specimens devoid of estrogen receptors. Chouvet C, et al. **J Steroid Biochem** 1984 Dec;21(6):755-61

Correlation of hepatic cytosolic androgen binding proteins with androgen induction of hepatic microsomal ethylmorphine N-demethylase in the rat. Rumbaugh RC, et al. **J Steroid Biochem** 1984 Sep;21(3):243-52

Isolation of chlordecone binding proteins from pig liver cytosol. Soine PJ, et al. **J Toxicol Environ Health** 1984; 14(2-3):305-17

Potentiation of EPN-induced inhibition of liver microsomal carboxylesterase by addition of liver cytosol from 6-aminonicotinamide-treated, starved rats. Sugiyama S, et al. **Jpn J Pharmacol** 1984 Aug;35(4):433-7

Cytosolic redox potential and phosphate transport in the proximal tubule of the rabbit. A study in the isolated perfused tubules. Yanagawa N, et al. **Miner Electrolyte Metab** 1985;11(1):57-61

Mitogen-induced phosphorylation of cytosolic proteins in rabbit T- and B-lymphocytes. Dasch JR, et al. **Mol Immunol** 1985 Apr;22(4):379-89

Target cells for the polychlorinated biphenyl metabolite 4,4'-bis(methylsulfonyl)-2,2',5,5'-tetrachlorobiphenyl. Characterization of high affinity binding in rat and mouse lung cytosol. Lund J, et al. **Mol Pharmacol** 1985 Feb; 27(2):314-23

Polymorphic acetylation of 7-amino-clonazepam in human liver cytosol. Peng DR, et al. **Pediatr Pharmacol (New York)** 1984;4(3):155-9

Levels of blood-bourne factors and cytosol glucocorticoid receptors during the initiation of muscle atrophy in rodent hindlimbs. Nicholson WF, et al. **Pflugers Arch** 1984 Aug; 401(4):321-3

Measurement of cytosolic free calcium in isolated mammalian cells with aequorin incorporated by the hypoosmotic shock treatment (host). Borle AB, et al. **Prog Clin Biol Res** 1984; 168:117-22

The relationship between PTH secretion and cytosolic calcium concentration in bovine parathyroid cells. Brown EM, et al. **Prog Clin Biol Res** 1984;168:139-44

Further characterization of estrogen binding to rat testis cytosol. Kühn-Velten N, et al. **Steroids** 1984 Jan; 43(1):57-69

Reduction of 2,4-dinitrotoluene by Wistar rat liver microsomal and cytosol fractions. Mori M, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):105-12

[Anti-heparin activity of Guerin's epithelioma] Zurawski P, et al. **Acta Haematol Pol** 1984 Jan-Jun;15(1-2):49-56 (Eng. Abstr.) **(Pol)**

[Lipid transport activity of liver cell cytosol at early periods following gamma-irradiation of rats] Kolomiitseva IK, et al. **Radiobiologiia** 1985 Jan-Feb;25(1):16-9 (Eng. Abstr.) **(Rus)**

[Inhibitors of gluconeogenesis (review)] Kendysh IN. **Vopr Med Khim** 1984 Jul-Aug;30(4):2-12 (83 ref.) **(Rus)**

PHYSIOLOGY

Breakdown of proteins from mouse liver subcellular fractions. Effect of nutritional changes. Pucciarelli MG, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(2):185-91

Effects of regenerating liver cytosol on drug-induced hepatic failure. Ohkawa M, et al. **Surgery** 1985 Apr;97(4):455-62

CYTOTAXINOGENS see **CHEMOTACTIC FACTORS**

CYTOTAXINS see **CHEMOTACTIC FACTORS**

CYTOTOXIC ANTIBIOTICS see **ANTIBIOTICS, ANTINEOPLASTIC**

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CYTOTOXICITY, IMMUNOLOGIC

see related

KILLER CELLS, NATURAL

T LYMPHOCYTES, CYTOTOXIC

Natural killer cell activity after open-heart surgery. Ryhänen P, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):490-2

Cytotoxicity of a non-HLA serum towards lymphocytes from blood group B, Lewis negative and ABH secretor individuals. Mittal KK, et al. **Acta Anthropogenet** 1983; 7(3):249-56

Enhancement of reactivity of HLA-Cw antisera by extending the incubation time. Wong DM, et al. **Acta Anthropogenet** 1983;7(3):197-203

Cellular and humoral cytotoxicity in patients with leukaemia and preleukaemia. II. Oncovirus specificity of the reaction. Szabó B, et al. **Acta Microbiol Hung** 1984;31(4):365-72

Cytotoxic factor(s) released from stimulated mouse peritoneal macrophages. Mørland B. **Acta Pathol Microbiol Immunol Scand [C]** 1985 Jun; 93(3):131-7

Depressed lectin-dependent cell-mediated cytotoxicity against HEp-2 cells in patients with metastasizing solid tumour. Perl A, et al. **Acta Physiol Hung** 1985;65(2):149-53

Mechanisms of cell-mediated cytotoxicity II. Second International Workshop on Mechanisms in Cell-Mediated Cytotoxicity. Annapolis, Maryland, June 10-13, 1984. **Adv Exp Med Biol** 1985;184:1-568

The cell biology of tumor cell capture by activated macrophages. Adams DO, et al. **Adv Exp Med Biol** 1985; 184:65-74 (20 ref.)

Mechanism of T-dependent cytotoxicity: role of papain-sensitive non class I MHC target molecules and expression of target antigen for cytotoxicity. Bonavida B, et al. **Adv Exp Med Biol** 1985;184:415-28

DNA fragmentation in targets of CTL: an example of programmed cell death in the immune system. Cohen JJ, et al. **Adv Exp Med Biol** 1985;184:493-508 (23 ref.)

Cytotoxic effector mechanisms in AIDS. Cunningham-Rundles S, et al. **Adv Exp Med Biol** 1985; 187:97-110

Analysis of sequential substages of the natural killer cell lethal hit. Deem RL, et al. **Adv Exp Med Biol** 1985;184:239-56

Reorientation of the Golgi apparatus and the microtubule organizing center: is it a means to polarize cell-mediated cytotoxicity? Dennert G, et al. **Adv Exp Med Biol** 1985; 184:83-97

Aberrant oxygen metabolism in neoplastic cells injured by cytotoxic macrophages. Granger DL, et al. **Adv Exp Med Biol** 1985;184:51-63

Human NK resistant tumor cell lysis is effected by IL-2 activated killer cells. Grimm EA, et al. **Adv Exp Med Biol** 1985;184:161-75

The role of cytoplasmic granules in cytotoxicity by large granular lymphocytes and cytotoxic T lymphocytes. Henkart P, et al. **Adv Exp Med Biol** 1985;184:121-38

A unified theory for the mechanism of the lethal hit by cytotoxic T lymphocytes (CTL) and natural killer (NK) cells as defined by antisera capable of blocking the lethal hit stage of cytotoxicity. Hiserodt JC. **Adv Exp Med Biol** 1985;184:139-60

A serine proteinase as a 'trigger' for human natural killer lymphocyte-mediated cytolysis. Hudig D, et al. **Adv Exp Med Biol** 1985;184:271-80

Antigen/mitogen induced cytolytic activity and IL-2 secretion in memory-like CTL-hybridomas. Kaufmann Y, et al. **Adv Exp Med Biol** 1985;184:535-50

Lymphocyte function-associated antigens: regulation of lymphocyte adhesions in vitro and immunity in vivo. Martz E, et al. **Adv Exp Med Biol** 1985;184:291-310 (35 ref.)

The plasma membrane 'skeleton' of tumor and lymphoid cells: a role in cell lysis? Mescher MF, et al. **Adv Exp Med Biol** 1985;184:387-400 (28 ref.)

Studies of human natural killer cytotoxic factor (NKCF): characterization and analysis of its mode of action. Ortaldo JR, et al. **Adv Exp Med Biol** 1985;184:203-20

Functional relationships of Lyt-2 and Lyt-3 expression and T-cell cytotoxicity: a new model system. Palladino MA Jr, et al. **Adv Exp Med Biol** 1985;184:355-64

Quantitative models for the kinetics of cell-mediated cytotoxicity at the single cell level. Perelson AS, et al. **Adv Exp Med Biol** 1985;184:551-61

Cytolytic T-cell granules: biochemical properties and functional specificity. Podack ER, et al. **Adv Exp Med Biol** 1985;184:99-119

The mechanism of leukoregulin enhancement of target cell susceptibility to NK cell mediated cytotoxicity in humans. Ransom JH, et al. **Adv Exp Med Biol** 1985;184:281-7

Cell surface thiols, methylation, and complement-like components are involved in the early events of CML whereas proteases participate in the later, Ca++-dependent events. Redelman D, et al. **Adv Exp Med Biol** 1985;184:527-34

Evidence for the molecular dissociation of binding and post-binding functions in cytotoxic T lymphocytes. Russell JH, et al. **Adv Exp Med Biol** 1985;184:453-72

Requirement for Lyt-2/3 molecules on allospecific cytolytic T lymphocyte clones is dependent upon target cell antigen density. Shimonkevitz R, et al. **Adv Exp Med Biol** 1985; 184:343-53

Cell-cell contact proteins in antigen-specific and antigen-nonspecific cellular cytotoxicity. Sitkovsky MV, et al. **Adv Exp Med Biol** 1985;184:429-49

The function of LFA-1 in cell-mediated killing and adhesion: studies on heritable LFA-1, Mac-1 deficiency and on lymphoid cell self-aggregation. Springer TA, et al. **Adv Exp Med Biol** 1985;184:311-22

Immune cytolysis viewed as a stimulatory process of the target. Tirosh R, et al. **Adv Exp Med Biol** 1985;184:473-92 (80 ref.)

The role of the T3 molecular complex on human T lymphocyte-mediated cytotoxicity. Tsoukas CD, et al. **Adv Exp Med Biol** 1985;184:365-85 (39 ref.)

An investigation of the role of soluble cytotoxic factors and reactive oxygen intermediates in lysis by NK cells. Wayner EA, et al. **Adv Exp Med Biol** 1985;184:221-38

Killing of gram-negative bacteria by neutrophils: role of O2-independent system in intracellular killing and evidence of O2-dependent extracellular killing. Weiss J, et al. **Adv Exp Med Biol** 1985;184:35-50

Both NK sensitive and resistant mycoplasma free cell lines stimulate release of NKCF. Wright SC, et al. **Adv Exp Med Biol** 1985;184:193-201

Cytodestructive mechanisms provoked by food antigens. I. Direct, allergic autocytotoxicity. Podleski WK. **Allergy** 1985 Apr;40(3):157-65

Studies of marginal zinc deprivation in rhesus monkeys: VI. Influence on the immunohematology of infants in the first year. Haynes DC, et al. **Am J Clin Nutr** 1985 Aug; 42(2):252-62

The sensitivity of placental trophoblast cells to intraplacental and allogeneic cytotoxic lymphocytes. Pross H, et al. **Am J Reprod Immunol Microbiol** 1985 May;8(1):1-9

Increased NK activity is responsible for higher cytotoxicity to HEF cells by lymphocytes of women with threatened preterm delivery. Szekeres-Bartho J, et al. **Am J Reprod Immunol Microbiol** 1985 Jan;7(1):22-6

Mycoplasma pneumoniae induces cytotoxic activity in guinea pig bronchoalveolar cells. Kist M, et al. **Am Rev Respir Dis** 1985 Jun;131(6):869-74

Studies of interferon production and natural killing by lymphocytes from multiple sclerosis patients. Neighbour PA. **Ann NY Acad Sci** 1984;436:181-91 (41 ref.)

Natural cytotoxicity and interferon production in patients with recurrent respiratory papillomatosis. Naiman HB, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):483-7

Endothelial cell cytotoxicity in inflammatory vascular diseases--the possible role of oxidised lipoproteins. Blake DR, et al. **Ann Rheum Dis** 1985 Mar;44(3):176-82

The nature of enhanced natural killer lymphocyte cytotoxicity during anesthesia and surgery in patients with benign disease and cancer. Griffith CD, et al. **Ann Surg** 1984 Dec;200(6):753-8

Changes in natural killer cells activity in mice bearing subcutaneously implanted Lewis lung carcinoma. Budzyński W. **Arch Immunol Ther Exp (Warsz)** 1984; 32(2):185-9

Natural killer (NK) cell cytotoxicity in athymic (nude) rats. Grzelak I, et al. **Arch Immunol Ther Exp (Warsz)** 1984; 32(5):549-56

Studies on the possibility of induction of anti-H-2 alloreactive cytotoxic antibodies by syngeneic immunization. Opolski A, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(5):621-30

Divergent expression of cytotoxic and microbicidal functions of rabbit alveolar and peritoneal macrophages: effects of non-specific activation and a natural microbicidal peptide, MCP-1. Sorrell TC, et al. **Aust J Exp Biol Med Sci** 1985 Feb;63 (Pt 1):53-63

Antibody- and complement-mediated cytolysis against duck-enteritis-virus-infected cells. Lam KM. **Avian Dis** 1984 Oct-Dec;28(4):1125-9

Evidence for adherence-dependent cytotoxicity of Alcaligenes faecalis in turkey tracheal organ cultures. Marshall DR, et al. **Avian Dis** 1984 Oct-Dec;28(4):1007-15

Iron depletion: possible cause of tumor cell cytotoxicity induced by activated macrophages. Hibbs JB Jr, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):716-23

Production of cytotoxic factor(s) in human T cell lines transformed by a human retrovirus. Hinuma S, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1052-8

Carbohydrates as recognition determinants in phagocytosis and in lectin-mediated killing of target cells. Sharon N. **Biol Cell** 1984;51(2):239-45 (58 ref.)

Induction of cell-mediated cytotoxic immunity to sperm-specific lactate dehydrogenase-C4 in SJL/J female mice. Shelton JA, et al. **Biol Reprod** 1985 Apr;32(3):556-60

Patients with a deficiency of natural killer cell activity lack the VEP13-positive lymphocyte subpopulation. Ziegler-Heitbrock HW, et al. **Blood** 1985 Jan;65(1):65-70

Cellular cytotoxicity mediated by granule-depleted neutrophil cytoplasts. Dallegri F, et al. **Blut** 1985 Aug; 51(2):97-102

Cell-mediated cytotoxicity to autologous hepatocytes in HBsAg positive liver disease: an analysis of the killing specificity and of the clinical use of the test. Actis GC, et al. **Boll Ist Sieroter Milan** 1984 Mar;63(1):19-29

The effect of adoptive transfer of mononuclear leukocytes from an adult donor on spontaneous cell-mediated cytotoxicity and resistance to transmissible gastroenteritis in neonatal piglets. Cepica A, et al. **Can J Comp Med** 1984 Oct;48(4):360-4

In vitro cellular cytotoxicity for a human colon cancer cell line by mucosal mononuclear cells of patients with colon cancer and other disorders. Beeken WL, et al. **Cancer** 1985 Mar 1;55(5):1024-9

Cytotoxicity of monoclonal antibodies against individually immunophenotyped human leukemic cells. Beksac M, et al. **Cancer Immunol Immunother** 1985;19(3):231-6

Effects of isolated tumor lymphocytes alone and with adherent cells. Blazar BA, et al. **Cancer Immunol Immunother** 1984;18(3):179-84

Purified mouse mammary tumor and lymphoid cells in immune assays. Blazar BA, et al. **Cancer Immunol Immunother** 1984;18(3):174-8

Melphalan-mediated potentiation of antitumor immune responsiveness of immunosuppressed spleen cells from mice bearing a large MOPC-315 tumor. Bocian RC, et al. **Cancer Immunol Immunother** 1984;18(1):41-8

Antitumor and therapeutic effects of spleen cells from tumor-bearing mice cultured with T cell growth factor and soluble tumor extract. Kan N, et al. **Cancer Immunol Immunother** 1984;18(3):215-22

Methods for amplifying the induction and expression of cytotoxic response in vitro to syngeneic and autologous freshly-isolated solid tumors of mice. Kedar E, et al. **Cancer Immunol Immunother** 1984;18(2):126-34

Isolated soluble fractions from the murine B16 melanoma induce primary in vitro syngeneic antitumor responses. Klein BY, et al. **Cancer Immunol Immunother** 1984;18(3):195-202

Stage-related decrease in natural killer cell activity in untreated patients with mycosis fungoides. Levy S, et al. **Cancer Immunol Immunother** 1984;18(2):138-40

The therapeutic significance of concomitant antitumor immunity. II. Passive transfer of concomitant immunity with Ly-1+2- T cells primes established tumors in T cell-deficient recipients for endotoxin-induced regression. North RJ. **Cancer Immunol Immunother** 1984;18(2):75-9

Augmentation of generation of human allospecific cytotoxic T lymphocyte by PPD in in vitro sensitization culture. Ohno R, et al. **Cancer Immunol Immunother** 1985;19(1):46-52

Selective macrophage activation by muramyldipeptide bound to monoclonal antibodies specific for mouse tumor cells. Roche AC, et al. **Cancer Immunol Immunother** 1984;18(3):155-9

Activation by a new synthetic acyltripeptide and its analogs entrapped in liposomes of rat alveolar macrophages to the tumor cytotoxic state. Sone S, et al. **Cancer Immunol Immunother** 1984;18(3):169-73

Further studies on the differences in cytotoxicity of human peripheral blood monocytes and bronchoalveolar macrophages for cultured human lung cells. Swinburne S, et al. **Cancer Immunol Immunother** 1985;19(1):62-7

The in situ activation of cytotoxic properties in murine Kupffer cells by the systemic administration of whole Mycobacterium bovis organisms or muramyl tripeptide. Xu Z, et al. **Cancer Immunol Immunother** 1984;18(2):118-22

Autologous tumor killing and natural cytotoxic activity of tumor-associated macrophages in cancer patients. Yanagawa E, et al. **Cancer Immunol Immunother** 1985;19(3):163-7

Preferential lymphocyte-mediated cytotoxicity of syngeneic target cells in chickens bearing tumors induced by avian sarcoma virus. Wainberg MA, et al. **Cancer Lett** 1985 May;27(1):23-34

Neoplastic cells as targets of spontaneously cytotoxic lymphocytes: studies with natural killer-like cell lines. Lagarde AE. **Cancer Metastasis Rev** 1984;3(2):143-69 (174 ref.)

Selective cytotoxicity of the SM1 monoclonal antibody towards small cell carcinoma of the lung. Bernal SD, et al. **Cancer Res** 1985 Mar;45(3):1026-32

Cell-mediated inhibition of tumor colony formation in agarose by resting and interleukin 2-stimulated human lymphocytes. Bradley EC, et al. **Cancer Res** 1985 Apr;45(4):1464-8

Nonselective destruction of murine neoplastic cells by syngeneic tumoricidal macrophages. Fogler WE, et al. **Cancer Res** 1985 Jan;45(1):14-8

Characterization of effector cells mediating antitumor activity in spleen cells of tumor-bearing mice. Fuyama S, et al. **Cancer Res** 1985 Sep;45(9):4103-8

Correlation between cytotoxic and suppressor activities of human pulmonary alveolar macrophages. Hengst JC, et al. **Cancer Res** 1985 Jan;45(1):459-63

Impaired in vitro interferon, blastogenic, and natural killer cell responses to viral stimulation in acquired immune deficiency syndrome. Hersh EM, et al. **Cancer Res** 1985 Jan;45(1):406-10

Role of interleukin 2 and a serum suppressive factor on the induction of activated killer cells cytotoxic for autologous human melanoma cells. Itoh K, et al. **Cancer Res** 1985 Jul;45(7):3173-8

Cytotoxic activity of human pulmonary alveolar macrophages. Kan-Mitchell J, et al. **Cancer Res** 1985 Jan;45(1):453-8

Lysis of tumor cells by human blood monocytes by a mechanism independent of activation of the oxidative burst. Kleinerman ES, et al. **Cancer Res** 1985 May;45(5):2058-64

Analysis of the involvement of cells from donor and recipient mice in adoptive transfer of antitumor immunity. Lee FH, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5491-8

Lysis of spontaneous murine breast tumors by human interleukin 2-stimulated syngeneic T-lymphocytes. Merluzzi VJ, et al. **Cancer Res** 1985 Jan;45(1):203-6

Depression of natural killer cytotoxic activity in lymphocytes infiltrating human pulmonary tumors. Moy PM, et al. **Cancer Res** 1985 Jan;45(1):57-60

Heterogeneity in the sensitivities of the 13762NF rat mammary adenocarcinoma cell clones to cytolysis mediated by extra- and intratumoral macrophages. North SM, et al. **Cancer Res** 1985 Apr;45(4):1453-8

Identification of target proteins participating in a lectin-dependent macrophage-mediated cytotoxic reaction. Ohkuma Y, et al. **Cancer Res** 1985 Jan;45(1):288-92

Lymphocyte supernatant-induced human monocyte tumoricidal activity: dependence on the presence of gamma-interferon. Sadlik JR, et al. **Cancer Res** 1985 May;45(5):1940-5

Epstein-Barr virus infections in hairy cell leukemia patients in the presence of complement-dependent neutralizing antibody. Sairenji T, et al. **Cancer Res** 1985 Jan;45(1):411-5

Increase of vulnerability to lymphotoxin in cells infected by vesicular stomatitis virus and its further augmentation by interferon. Aderka D, et al. **Cell Immunol** 1985 May;92(2):218-25

Virus-mediated induction in human lymphocytes of antibody-independent cytotoxicity (VDCC) and enhancement of antibody-dependent cytotoxicity (ADCC) against natural killer-resistant tumor target cells. Alsheikhly AR, et al. **Cell Immunol** 1984 Oct 15;88(2):511-20

Monocyte-mediated augmentation of human natural cell-mediated cytotoxicity. Bloom ET, et al. **Cell Immunol** 1985 Mar;91(1):21-32

High frequency of precursors of anomalous killer cells in human peripheral blood: evidence for T-cell regulation. Burns GF, et al. **Cell Immunol** 1984 Nov;89(1):202-11

Capacity of different cell types to prime in vivo for secondary in vitro cytotoxic T-cell responses against non-major-histocompatibility antigens. Buszello H, et al. **Cell Immunol** 1984 Dec;89(2):331-41

Regulation of human cytotoxic T-lymphocyte responses by a soluble suppressor factor. Crosier PS, et al. **Cell Immunol** 1985 Oct 1;95(1):54-64

The role of HLA antigens in the control of the cytotoxic T-cell response to Epstein-Barr virus: a family study. Gaston JS, et al. **Cell Immunol** 1985 Aug;94(1):231-42

Selective binding of concanavalin A to target cell major histocompatibility antigens is required to induce nonspecific conjugation and lysis by cytolytic T lymphocytes in lectin-dependent cytotoxicity. Keren Z, et al. **Cell Immunol** 1984 Dec;89(2):458-77

Effect of lymphokines on the production of cytostatic protein factors from human monocytes. Kildahl-Andersen O, et al. **Cell Immunol** 1984 Dec;89(2):365-75

Association of decreased natural and antibody-dependent cellular cytotoxicity and production of natural killer cytotoxic factor and interferon in neonates. Nair MP, et al. **Cell Immunol** 1985 Aug;94(1):159-71

In situ effector pathways of allograft destruction. I. Generation of the 'cellular' effector response in the graft and the graft recipient. Nemlander A, et al. **Cell Immunol** 1984 Dec;89(2):409-19

In vivo and in vitro requirements for T-cell activation: concordance and contrasts. Owens T. **Cell Immunol** 1984 Nov;89(1):232-4

The mechanism of cell-mediated cytotoxicity. IV. K-76 COONa, which inhibits the activity of Factor I and of C5, inhibits early events in cytotoxic T-lymphocyte-mediated cytolysis and in T-lymphocyte activation. Redelman D, et al. **Cell Immunol** 1984 Oct 1;88(1):16-28

Products of the lipoxygenase pathway in human natural killer cell cytotoxicity. Rossi P, et al. **Cell Immunol** 1985 Jun;93(1):1-8

Modulation of human natural killer cell activity by recombinant human interleukin 2. Shaw AR, et al. **Cell Immunol** 1985 Mar;91(1):193-200

The cytotoxic reaction of hemocytes from the freshwater crayfish, Astacus astacus. Söderhäll K, et al. **Cell Immunol** 1985 Sep;94(2):326-32

Inhibition of normal lymphocyte responses by cell membranes. Stallcup KC, et al. **Cell Immunol** 1984 Nov;89(1):144-50

T-Lymphocyte-mediated cytolysis as an excitatory process of the target. I. Evidence that the target cell may be the site of Ca2+ action. Tirosh R, et al. **Cell Immunol** 1985 Oct 1;95(1):113-23

Ongoing hapten-specific delayed-type hypersensitivity prevents generation of cytolytic T lymphocytes to the same hapten. Wong HL, et al. **Cell Immunol** 1985 Aug;94(1):205-14

Role of hydroxyl radical in neutrophil-mediated cytotoxicity. Umeda T, et al. **Cell Mol Biol** 1985;31(3):229-33

Natural killer cell function in atopic dermatitis. Larsen FS, et al. **Clin Exp Dermatol** 1985 Mar;10(2):104-10

Lysis of varicella zoster virus infected cells by lymphocytes from normal humans and immunosuppressed pediatric leukaemic patients. Bowden RA, et al. **Clin Exp Immunol** 1985 May;60(2):387-95

Deficient natural killer cell activity in alcoholic cirrhosis. Charpentier B, et al. **Clin Exp Immunol** 1984 Oct;58(1):107-15

Interleukin-2 restores the depressed allogeneic cell-mediated lympholysis and natural killer cell activity in patients with systemic lupus erythematosus. Tsokos GC, et al. **Clin Immunol Immunopathol** 1985 Mar;34(3):379-86

Macrophage oxidative burst (OB) and related cytotoxicity--II. Differential sensitivity of erythrocytes from various animals to OB dependent lysis. Keisari Y, et al. **Comp Biochem Physiol [A]** 1985;80(2):163-6

Nonspecific cytotoxic cells in fish (Ictalurus punctatus). III. Biophysical and biochemical properties affecting cytolysis. Evans DL, et al. **Dev Comp Immunol** 1984 Summer;8(3):599-610

Nonspecific cytotoxic cells in fish (Ictalurus punctatus). IV. Target cell binding and recycling capacity. Evans DL, et al. **Dev Comp Immunol** 1984 Fall;8(4):823-33

Lymphoid cells of BB/W diabetic rats are cytotoxic to islet beta cells in vitro. MacKay P, et al. **Diabetes** 1985 Jul;34(7):706-9

Cytotoxic islet cell surface antibodies (ICSA) in patients with type I diabetes and their first-degree relatives. Toguchi Y, et al. **Diabetes** 1985 Sep;34(9):855-60

Cytotoxic T cells directed against HLA-DR antigens and their surface proteins. Burakoff SJ, et al. **Diagn Immunol** 1983;1(3):116-9

Rat natural killer cell and cytotoxic T cell lysis of H-2-negative murine embryonal carcinoma cells. Bell SM, et al. **Eur J Immunol** 1985 Jan;15(1):59-65

Macrophage antitumor activity: impaired responsiveness to interferon-gamma of macrophages from genetically defective mice. Boraschi D, et al. **Eur J Immunol** 1984 Nov;14(11):1061-3

Cytotoxic T cell responses to haptenated cells. IV. Requirements for in vivo priming. Haas W, et al. **Eur J Immunol** 1984 Nov;14(11):1069-72

Activation of macrophage tumor cytotoxicity by the synergism of two T cell-derived lymphokines: immune interferon (IFN-gamma) and macrophage cytotoxicity-inducing factor 2 (MCIF2). Hamann U, et al. **Eur J Immunol** 1985 Jan;15(1):18-24

Signal requirements for the in vitro differentiation of cytotoxic T lymphocytes (CTL): distinct soluble mediators promote preactivation of CTL-precursors, clonal growth and differentiation into cytotoxic effector cells. Hardt C, et al. **Eur J Immunol** 1985 May;15(5):472-8

IgG pair formation on one antigenic molecule is the main mechanism of synergy between antibodies in complement-mediated lysis. Hughes-Jones NC, et al. **Eur J Immunol** 1984 Nov;14(11):974-8

Interleukin 2 and interferon-gamma are not sufficient to induce natural killer-like activity in human T cell clones. López-Botet M, et al. **Eur J Immunol** 1984 Dec;14(12):1137-41

Frequent coexpression of cytolytic activity and lymphokine production among human T lymphocytes. Production of B cell growth factor and interleukin 2 by T8+ and T4+ cytolytic clones. Mingari MC, et al. **Eur J Immunol** 1984 Nov;14(11):1066-9

Genetic and stimulatory cell type requirements for inducing class I major histocompatibility complex alloantigen-specific in vivo cytotoxic T cell immunity. Mizoguchi K, et al. **Eur J Immunol** 1985 May;15(5):487-94

Irreversible inactivation of activated cytotoxic T lymphocyte precursor cells by 'anti-self' suppressor cells present in murine bone marrow T cell colonies. Muraoka S, et al. **Eur J Immunol** 1984 Nov;14(11):1010-6

Antibodies against the transferrin receptor block the induction of cytotoxic T lymphocytes. A new method for antigen-specific negative selection in vitro. Rammensee HG, et al. **Eur J Immunol** 1985 Jul;15(7):687-92

A clonal analysis of human peripheral blood lymphocytes displaying natural killer-like activity. Roberts K, et al. **Eur J Immunol** 1985 May;15(5):448-56

Antigen-specific cytotoxic T cell and antigen-specific proliferating T cell clones can be induced to cytolytic activity by monoclonal antibodies against T3. Spits H, et al. **Eur J Immunol** 1985 Jan;15(1):88-91

Lymphocyte labelling with indium: cytotoxicity studies. Ghaleb NS, et al. **Eur J Nucl Med** 1985;10(3-4):148-51

Mechanism and regulation of natural cytotoxicity. Minireview on cancer research. Kimber I, et al. **Exp Cell Biol** 1985;53(2):69-84 (110 ref.)

Complement-dependent cytotoxicity in the analysis of antigenic determinants on human hematopoietic progenitor cells with HLA-DR as a model. Falkenburg JH, et al. **Exp Hematol** 1984 Dec;12(11):817-21

Natural killer lymphocytes in hairy cell leukemia: presence of phenotypically identifiable cells with defective functional activity. Smith BR, et al. **Exp Hematol** 1985 Mar;13(3):189-93

Studies on the mechanism of macrophage cytotoxicity. Zippel D. **Exp Pathol** 1985;27(1):3-15

Effector cell analysis of tumor cell rejection in vivo in two syngeneic tumor systems exhibiting distinct in vitro cytotoxic mechanisms. Fukuzawa M, et al. **Gann** 1984 Oct;75(10):912-9

Cytotoxicity of autologous and allogeneic lymphocytes against cultured human lung cancer cells: optimal conditions for the production of cytotoxic lymphocytes. Kimura H, et al. **Gann** 1984 Nov;75(11):1006-16

T cell involvement in production of tumor necrosis factor: reconstitution experiments with nude mice. Niitsu Y, et al. **Gann** 1985 May;76(5):395-9

In vitro cytotoxicity to various human tumor cell lines of a tumor cytotoxic factor(s) produced by human alveolar macrophages. Sone S, et al. **Gann** 1984 Oct;75(10):920-8

Human intestinal mucosal mononuclear cells exhibit lymphokine-activated killer cell activity. Fiocchi C, et al.

Gastroenterology 1985 Mar;88(3):625-37

Intraepithelial lymphocytes of human gut: isolation, characterisation and study of natural killer activity. Cerf-Bensussan N, et al. **Gut** 1985 Jan;26(1):81-8

Genetic determination of the cytolytic T lymphocyte receptor repertoire. Sherman LA. **Hamatol Bluttransfus** 1985;29:471-6

Cell-mediated cytotoxicity of sensitized spleen cells against target liver cells--in vivo and in vitro study with a mouse model of experimental autoimmune hepatitis. Mori T, et al. **Hepatology** 1985 Sep-Oct;5(5):770-7

Relationship between the decrease of cytotoxic antibody with the elapse of time and hyperacute rejection in hyperimmunized rats. Dohi K, et al. **Hiroshima J Med Sci** 1985 Mar;34(1):131-6

Influence of HLA antigen disparity on CML reactivity. Dohi K, et al. **Hiroshima J Med Sci** 1984 Sep;33(3):503-6

Inhibition of anti-class I cytotoxicity by anti-class II monoclonal antibodies (MoAb). II. Blocking of anti-class I CTL clones by anti-DR MoAb. Anichini A, et al. **Hum Immunol** 1985 Jun;13(2):139-43

Monoclonal antibodies directed against HLA molecules affect the lytic and proliferative behavior of a cloned line of human natural killer cells. Kornbluth J, et al. **Hum Immunol** 1984 Dec;11(4):239-47

Inhibition of anti-class I cytotoxicity by anti-class II monoclonal antibodies (MoAb). I. Blocking of bulk non-DR and non-DQ-directed cytotoxic T cells by MoAb against DR, DQ, and DP. Strassmann G, et al. **Hum Immunol** 1985 Jun;13(2):125-37

Modification of cytotoxic T-cell response patterns by administration of hemagglutinin-specific monoclonal antibodies to mice infected with influenza A viruses. Greenspan N, et al. **Hybridoma** 1982;1(2):149-59

Extracellular cytolysis by activated macrophages: studies with macrophages on permeable membranes. Philippeaux MM, et al. **Immunobiology** 1984 Oct;167(4):301-17

Comparison of the inhibitory activity of seven anti-T8 antibodies on specific cellular cytotoxicity. Pichler WJ, et al. **Immunobiology** 1984 Oct;167(4):376-88

Biotechnological production and functional characterization of leukocytic cytokine(s) with cytotoxic effect on resting but not activated thymocytes. Russmann E, et al. **Immunobiology** 1985 May;169(4):389-402

In vivo activation of murine natural killer cell functions by human recombinant DNA interleukin 2. Sayers T, et al. **Immunobiology** 1985 Apr;169(3):303-18

Acquired spontaneous cytotoxicity of K562 in a subpopulation of monocytes. Wyckoff JH 3d, et al. **Immunobiology** 1985 Mar;169(2):175-85

Defective expression of HLA class I antigens: a case of the bare lymphocyte without immunodeficiency. Maeda H, et al. **Immunogenetics** 1985;21(6):549-58

Identification of several functional subgroups of HLA-B27 by restriction of the activity of antiviral T killer lymphocytes. Toubert A, et al. **Immunogenetics** 1984; 20(5):513-25

Allospecific T cell recognition of HLA-A2 antigens: evidence for group-specific and subgroup-specific epitopes. Wallace LE, et al. **Immunogenetics** 1985; 21(3):201-14

Strain dependence of rat macrophage natural tumoricidal capacity and its stimulation by endotoxins. Lagadec P, et al. **Immunol Lett** 1985;9(2-3):117-22

Natural cytotoxicity of human blood monocytes: production of monocyte cytotoxic factors (MCF) during interaction with tumor cells. Uchida A, et al. **Immunol Lett** 1984; 8(6):311-6

Cell surface structures involved in T cell activation. Lancki DW, et al. **Immunol Rev** 1984 Oct;81:65-94 (77 ref.)

Clonotypic surface structure on human T lymphocytes: functional and biochemical analysis of the antigen receptor complex. Reinherz EL, et al. **Immunol Rev** 1984 Oct; 81:95-129

Thymus-derived macrophages in long-term culture: release of IL-1, stimulation of MLR and expression of tumoricidal activity. Gallily R, et al. **Immunology** 1985 May; 55(1):165-72

In vitro generated mast cells express natural cytotoxicity against tumour cells. Ghiara P, et al. **Immunology** 1985 Jun; 55(2):317-24

Factors affecting the spontaneous cell-mediated cytotoxicity of intestinal mononuclear cells. Gibson PR, et al. **Immunology** 1984 Oct;53(2):267-74

Bovine alloreactive cytotoxic cells generated in vitro: target specificity in relation to BoLA phenotype. Teale AJ, et al. **Immunology** 1985 Jun;55(2):355-62

Activation of non-specific cytotoxic cells in Listeria-susceptible and -resistant mouse strains. Wood P, et al. **Immunology** 1985 Jan;54(1):113-9

Cytotoxicity of human peripheral blood and colostral leukocytes against Shigella species. Morgan DR, et al. **Infect Immun** 1984 Oct;46(1):25-33

Cytotoxicity of leukocytes from normal and Shigella-susceptible (opium-treated) guinea pigs against virulent Shigella sonnei. Morgan DR, et al. **Infect Immun** 1984 Oct;46(1):22-4

Streptococcus pneumoniae cocultured with fibroblasts enhances both interferon production and cytotoxic activity by lymphocytes. Weigent DA, et al. **Infect Immun** 1985 Sep;49(3):593-7

Effect of lipopolysaccharides, lipid A and interferon on the cell-mediated cytotoxicity of human leukocytes against K-562 tumor cells. Fink PC, et al. **Infection** 1984 Sep-Oct; 12(5):322-7

New functions for platelets and their pathological implications. Capron A, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):107-14

Clonal analysis of cytotoxic T-lymphocyte response to autologous human metastatic melanoma. Anichini A, et al. **Int J Cancer** 1985 May 15;35(5):683-9

Inhibition of experimentally-induced murine metastases by recombinant alpha interferon: correlation between the modulatory effect of interferon treatment on natural killer cell activity and inhibition of metastases. Brunda MJ, et al. **Int J Cancer** 1984 Sep 15;34(3):421-6

Natural killer cell activity in women at 'high risk' for breast cancer, with and without benign breast syndrome. Pross HF, et al. **Int J Cancer** 1984 Sep 15;34(3):303-8

Paired Epstein-Barr virus-carrying lymphoma and lymphoblastoid cell lines from Burkitt's lymphoma patients: comparative sensitivity to non-specific and to allo-specific cytotoxic responses in vitro. Rooney CM, et al. **Int J Cancer** 1984 Sep 15;34(3):339-48

In vitro and in vivo antitumor activity of lymphokine-induced cytotoxic cells. Ting CC, et al. **Int J Cancer** 1985 Jul 15;36(1):117-23

Strong natural killer (NK) cell activity in bone marrow of myeloma patients: accelerated maturation of bone marrow NK cells and their interaction with other bone marrow cells. Uchida A, et al. **Int J Cancer** 1984 Sep 15; 34(3):375-81

Cytotoxicity of sera from patients with scleroderma--effects on human endothelial cells and fibroblasts in culture. Fine RM. **Int J Dermatol** 1984 Sep;23(7):462

Separation of macrophages on discontinuous bovine serum albumin (BSA) density gradients: cytotoxic effects of fractionated cells from normal donors and cancer patients. Cameron DJ. **Int J Immunopharmacol** 1984;6(6):601-7

T cell nature of adjuvant peptide--induced antitumor cell-mediated cytotoxicity. Eggers AE, et al. **J Biol Response Mod** 1984 Aug;3(4):387-90

Activation of peritoneal lymphocyte cytotoxicity in patients with ovarian cancer by intraperitoneal treatment with Corynebacterium parvum. Lichtenstein A, et al. **J Biol Response Mod** 1984 Aug;3(4):371-8

Interferon-induced transfer of natural cytotoxic activity between human leukocytes. Weigent DA, et al. **J Biol Response Mod** 1985 Feb;4(1):60-9

Cytostasis of tumor cell lines by promyelocytic leukemia cell line HL60 differentiated to granulocyte lineage. Hara T, et al. **J Cancer Res Clin Oncol** 1985;109(2):103-6

Neutrophil-mediated cellular cytotoxicity triggered by immobilized aggregated IgG: an in vitro model of cell injury during immune complex diseases. Dallegri F, et al. **J Clin Immunol** 1984 Nov;4(6):439-44

Immunological consequence of renal transplantation and immunosuppression. I. Alterations in human natural killer-cell activity. Waltzer WC, et al. **J Clin Immunol** 1985 Mar;5(2):78-83

Use of SM-1 monoclonal antibody and human complement in selective killing of small cell carcinoma of the lung. Mabry M, et al. **J Clin Invest** 1985 May;75(5):1690-5

In vitro cytotoxicity and transplantation protection by autologous natural and activated killer cells against an in vitro transformed tumorigenic fibroblast line. A case study. Wilhelm SA, et al. **J Clin Invest** 1985 Apr;75(4):1162-8

Biochemical purification of tumoricidal factors obtained from human plasma. Cameron DJ. **J Clin Lab Immunol** 1985 Jan;16(1):7-11

Naturally-occurring cellular cytotoxicity mediated by neutrophil polymorphonuclears: requirements for the target cell lysis. Dallegri F, et al. **J Clin Lab Immunol** 1984 Sep; 15(1):35-7

Human peripheral blood monocytes are susceptible to interferon-activated natural killer cells. Einhorn S, et al. **J Clin Lab Immunol** 1985 Apr;16(4):197-9

Immobilized IgG-aggregate-induced cytolytic activity of lymphocytes from patients with rheumatoid arthritis. Fuson EW, et al. **J Clin Lab Immunol** 1984 Dec;15(4):181-6

Influence of lectin-free interleukin-2 on natural and antibody-dependent cellular cytotoxicity. Kimber I, et al. **J Clin Lab Immunol** 1984 Oct;15(2):77-84

Establishment of cell lines from human malignant melanomas and their application to the assessment of natural killer-like cytotoxicity. Kondo S, et al. **J Dermatol (Tokyo)** 1984 Aug; 11(4):328-34

Development of graft-vs.-host disease-like syndrome in cyclosporine-treated rats after syngeneic bone marrow transplantation. I. Development of cytotoxic T lymphocytes with apparent polyclonal anti-Ia specificity, including autoreactivity. Hess AD, et al. **J Exp Med** 1985 Apr 1;161(4):718-30

Natural killer-mediated lysis of normal and malignant target cells, and its regulation by monocytes. Oshimi K, et al. **J Exp Med** 1985 Aug 1;162(2):472-86

Response of resting human peripheral blood natural killer cells to interleukin 2. Trinchieri G, et al. **J Exp Med** 1984 Oct 1;160(4):1147-69

Augmentation of organ-associated natural killer activity by biological response modifiers. Isolation and characterization of large granular lymphocytes from the liver. Wiltrout RH, et al. **J Exp Med** 1984 Nov 1; 160(5):1431-49

The cytotoxic response to murine cytomegalovirus. I. Parameters in vivo. Sinickas VG, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):747-55

Cross-reactive target antigen in cell-mediated cytolysis of cells infected with a temperature-sensitive mutant of Sindbis virus. Wolcott JA, et al. **J Gen Virol** 1985 May; 66 (Pt 5):1167-70

Specific effect of anti-transferrin antibodies on natural killer cells directed against tumor cells. Evidence for the transferrin receptor being one of the target structures recognized by NK cells. Alarcón B, et al. **J Immunol** 1985 Feb;134(2):1286-91

In vitro natural cell-mediated cytotoxicity against Candida albicans: macrophage precursors as effector cells. Baccarini M, et al. **J Immunol** 1985 Apr;134(4):2658-65

Mechanisms of diminished natural killer cell activity in pregnant women and neonates. Baley JE, et al. **J Immunol** 1985 May;134(5):3042-8

Studies on the induction and expression of T cell-mediated immunity. XV. Role of non-MHC papain-sensitive target structures and Lyt-2 antigens in allogeneic and xenogeneic lectin-dependent cellular cytotoxicity (LDCC). Bonavida B, et al. **J Immunol** 1985 Sep;135(3):1616-23

Lysis of human cytomegalovirus infected fibroblasts by natural killer cells: demonstration of an interferon-independent component requiring expression of early viral proteins and characterization of effector cells. Borysiewicz LK, et al. **J Immunol** 1985 Apr; 134(4):2695-701

Natural killer activity in cloned cytotoxic T lymphocytes: regulation by interleukin 2, interferon, and specific antigen. Brooks CG, et al. **J Immunol** 1985 Aug;135(2):1145-52

In vitro expression of factor-mediated cytotoxic activity generated during the immune response to Chlamydia in the mouse. Byrne GI, et al. **J Immunol** 1985 Jun; 134(6):4189-93

Immunoactive products of placenta. IV. Impairment by placental cells and their products of CTL function at effector stage. Chaouat G, et al. **J Immunol** 1985 Jul; 135(1):215-22

Functional heterogeneity in allospecific cytotoxic T lymphocyte clones. II. Development of syngeneic cytotoxicity in the absence of specific antigenic stimulation. Claesson MH, et al. **J Immunol** 1985 Feb;134(2):684-90

Target specificity and cell surface structures involved in the human cytolytic T lymphocyte response to endothelial cells. Clayberger C, et al. **J Immunol** 1985 Jul;135(1):12-8

Activation of Lyt-1+ and Lyt-2+ T cell cloned lines: stimulation of proliferation, lymphokine production, and self-destruction. Conta BS, et al. **J Immunol** 1985 Apr; 134(4):2185-90

Suppression of human NK cell cytotoxicity by an MLC-Generated cell population. D'Amore PJ, et al. **J Immunol** 1985 Jan;134(1):272-9

Successful generation of cytotoxic T lymphocytes specific for self immunoglobulin-determinants on B lymphocytes. Dohi Y, et al. **J Immunol** 1985 Jul;135(1):47-52

Natural killer (NK) cells are present in mice with severe combined immunodeficiency (scid). Dorshkind K, et al. **J Immunol** 1985 Jun;134(6):3798-801

Natural killer cell-mediated lysis involves an hydroxyl radical-dependent step. Duwe AK, et al. **J Immunol** 1985 Apr;134(4):2637-44

Induction of IL 2 receptor expression and cytotoxicity of thymocytes by stimulation with TCF1. Falk W, et al. **J Immunol** 1985 Aug;135(2):1160-4

Human natural killer cells limit replication of herpes simplex virus type 1 in vitro. Fitzgerald PA, et al. **J Immunol** 1985 Apr;134(4):2666-72

Retrovirus-induced changes in major histocompatibility complex antigen expression influence susceptibility to lysis by cytotoxic T lymphocytes. Flyer DC, et al. **J Immunol** 1985 Oct;135(4):2287-92

A role for helper cell subpopulations in a genetically controlled cytolytic T lymphocyte response to the H-2Db antigen. French DL, et al. **J Immunol** 1985 Jul;135(1):39-46

Characterization of the natural killer-like lymphocytes in rheumatoid synovial fluid. Goto M, et al. **J Immunol** 1985 Mar;134(3):1483-6

Antiprotozoan activity of nonspecific cytotoxic cells (NCC) from the channel catfish (Ictalurus punctatus). Graves SS, et al. **J Immunol** 1985 Jan;134(1):78-85

Natural killer cell-mediated cytotoxicity does not depend on recognition of mannose 6-phosphate residues. Haubeck HD, et al. **J Immunol** 1985 Jan;134(1):65-9

The role of interleukin 1 (IL 1) in tumor-NK cell interactions: correction of defective NK cell activity in cancer patients by treating target cells with IL 1. Herman J, et al. **J Immunol** 1985 Oct;135(4):2882-6

Studies on the cytolytic attack mechanism of the cytotoxic T lymphocyte (CTL): preparation of antisera against cellfree cytosolic extracts of a CTL clone capable of blocking the lethal hit stage of CTL cytolysis and analysis of the cytolytic structure. Hiserodt JC. **J Immunol** 1985 Jul;135(1):53-62

Expression of a laminin-like substance on the surface of murine natural killer (NK) lymphocytes and its role in NK recognition of tumor target cells. Hiserodt JC, et al. **J Immunol** 1985 Aug;135(2):1484-7

Lysis of anti-T3-bearing murine hybridoma cells by human allospecific cytotoxic T cell clones and inhibition of that lysis by anti-T3 and anti-LFA-1 antibodies. Hoffman RW, et al. **J Immunol** 1985 Jul;135(1):5-8

Lymphokine-activated and natural killer cell activity in human intestinal mucosa. Hogan PG, et al. **J Immunol** 1985 Sep;135(3):1731-8

Analysis of the binding and postbinding activities of an inducible cloned CTL line at the population and the single-cell level. Howe RC, et al. **J Immunol** 1985 May;134(5):2922-9

Interleukin 2-mediated induction of lytic activity in a cloned murine CTL line. Howe RC, et al. **J Immunol** 1985 Apr;134(4):2414-8

Natural killing target antigens as inducers of interferon: studies with an immunoselected, natural killing-resistant human T lymphoblastoid cell line. Howell DN, et al. **J Immunol** 1985 Feb;134(2):971-6

The requirement for proteinase activity for human lymphocyte-mediated natural cytotoxicity (NK): evidence that the proteinase is serine dependent and has aromatic amino acid specificity of cleavage. Hudig D, et al. **J Immunol** 1984 Nov;133(5):2647-54

In vivo activation of autoreactive cytotoxic T lymphocytes after bone marrow transplantation: evidence for the prethymic specificity of T cells? Hurme M, et al. **J Immunol** 1985 Aug;135(2):1108-12

Cellular requirements for the generation of primary cell-mediated lympholysis responses to Qa-1 antigens. Huston DP, et al. **J Immunol** 1985 Apr;134(4):2198-204

Functional analysis of mononuclear cells infiltrating into tumors: differential cytotoxicity of mononuclear cells from tumors of immune and nonimmune rats. Ibayashi Y, et al. **J Immunol** 1985 Jan;134(1):648-53

Participation of class II alloantigens in in vivo regulation of K/D region disparate thyroid graft rejection in mice. Isakov N, et al. **J Immunol** 1985 Jun;134(6):3580-5

The target minor H antigen for F1 cytotoxic T lymphocytes induced by Igh-congenic parental spleen cells is coded for by gene linked to H-2. Ishikawa H, et al. **J Immunol** 1985 May;134(5):2953-9

Recognition of alloantigen by cytotoxic T cell precursors is independent of the function of Ia+ cells. Iwasaki H, et al. **J Immunol** 1985 Jun;134(6):3592-6

Genetic control of the natural killer cell activity in SJL and other strains of mice. Kaminsky SG, et al. **J Immunol** 1985 Jul;135(1):665-71

Lymphokine-mediated induction of cytolytic activity in a T cell hybridoma. Kanagawa O, et al. **J Immunol** 1985 Jan;134(1):397-403

The role of class I MHC products in polyclonal activation of CTL function. Kane K, et al. **J Immunol** 1984 Dec;133(6):2857-63

Activation requirements for antigen- and mitogen-induced interferon-gamma release from cytotoxic T lymphocytes. Klein JR, et al. **J Immunol** 1985 Apr;134(4):2456-61

Monoclonal IgE-dependent eosinophil cytotoxicity to haptenated schistosomula of Schistosoma japonicum: enhancement of the cytotoxicity and expression of Fc receptors for IgE by Nippostrongylus brasiliensis infection. Kojima S, et al. **J Immunol** 1985 Apr;134(4):2719-22

Evidence for the role of class I and class II HLA antigens in the lytic function of a cloned line of human natural killer cells. Kornbluth J, et al. **J Immunol** 1985 Feb;134(2):728-35

Reorientation of the microtubule-organizing center and the Golgi apparatus in cloned cytotoxic lymphocytes triggered by binding to lysable target cells. Kupfer A, et al. **J Immunol** 1984 Nov;133(5):2762-6

Recombinant interleukin 2 enhanced natural killer cell-mediated cytotoxicity in human lymphocyte subpopulations expressing the Leu 7 and Leu 11 antigens. Lanier LL, et al. **J Immunol** 1985 Feb;134(2):794-801

The mechanism of human NK cell-mediated cytotoxicity. Mode of action of surface-associated proteases in the early stages of the lytic reaction. Lavie G, et al. **J Immunol** 1985 Aug;135(2):1470-6

Induction of nonspecific cytotoxicity by monoclonal anti-T3 antibodies. Leeuwenberg JF, et al. **J Immunol** 1985 Jun;134(6):3770-5

Target cell lysis: ultrastructural and cytoskeletal alterations. Leopardi E, et al. **J Immunol** 1984 Dec;133(6):3429-36

Molecular localization of allogeneic and self determinants recognized by bulk and clonal populations of cytotoxic T cells. Levy RB, et al. **J Immunol** 1985 Feb;134(2):677-83

Functional characterization of human thymocytes: a limiting dilution analysis of precursors with proliferative and cytolytic activities. Lopez-Botet M, et al. **J Immunol** 1985 Apr;134(4):2299-304

Human neuroblastoma cell lines are susceptible to lysis by natural killer cells but not by cytotoxic T lymphocytes. Main EK, et al. **J Immunol** 1985 Jul;135(1):242-6

Binding of calmodulin to the microfilament network correlates with induction of a macrophage tumoricidal response. Mecham JO, et al. **J Immunol** 1985 May;134(5):3516-23

T3 monoclonal antibody activation of nonspecific cytolysis: a mechanism of CTL inhibition. Mentzer SJ, et al. **J Immunol** 1985 Jul;135(1):34-8

Lymphokine-activated killer cells are generated before classical cytotoxic T lymphocytes after bone marrow transplantation in mice. Merluzzi VJ, et al. **J Immunol** 1985 Sep;135(3):1702-6

Cell-mediated T lymphocyte responses against syngeneic cells modified with amino-reactive hapten (AED-NH2): H-2Dk serves as an element for cell-mediated lympholysis to amino-reactive hapten (AED-NH2)-modified self. Mizuochi T, et al. **J Immunol** 1985 Feb;134(2):673-6

T cells with FC receptors in myeloma; suppression of growth and secretion of MOPC-315 by T alpha cells. Müller S, et al. **J Immunol** 1985 Jan;134(1):644-7

Role of interleukin 1 in promoting human monocyte-mediated tumor cytotoxicity. Onozaki K, et al. **J Immunol** 1985 Jul;135(1):314-20

Reversal of phorbol ester-mediated reduction of cloned T lymphocyte cytolysis by interleukin 2. Orosz CG, et al. **J Immunol** 1985 Jan;134(1):324-9

Suppression of in vitro CML generation by alloactivated lymphocytes: analysis of antigen-nonspecific suppressive mechanisms. Orosz CG, et al. **J Immunol** 1985 Jan;134(1):45-50

Comparative effects of various classes of mouse interferons on macrophage activation for tumor cell killing. Pace JL, et al. **J Immunol** 1985 Feb;134(2):977-81

Quantitative measurements of the specificity and kinetics of conjugate formation between cloned cytotoxic T lymphocytes and splenic target cells by dual parameter flow cytometry. Perez P, et al. **J Immunol** 1985 Jan;134(1):478-85

Inhibition of human cytotoxic T lymphocyte activity in vitro by autologous peripheral blood granulocytes. Petrie HT, et al. **J Immunol** 1985 Jan;134(1):230-4

Enhancement of tumor growth correlates with suppression of the tumor-specific cytolytic T lymphocyte response in mice chronically infected by Trypanosoma cruzi. Plata F. **J Immunol** 1985 Feb;134(2):1312-9

An oligosaccharide biosynthetic defect in concanavalin A-resistant Chinese hamster ovary (CHO) cells that enhances NK reactivity in vitro and in vivo. Pohajdak B, et al. **J Immunol** 1984 Nov;133(5):2423-9

Immunologic mechanisms in the pathogenesis of virus-induced leukemia. IV. Mechanism of target cell recognition by autoreactive thymocytes. Proffitt MR, et al. **J Immunol** 1985 Jun;134(6):4244-9

Effect of altered membrane fluidity on NK cell-mediated cytotoxicity. I. Selective inhibition of the recognition or post recognition events in the cytolytic pathway of NK cells. Roozemond RC, et al. **J Immunol** 1985 Apr;134(4):2209-14

Changes in number and density of large granular lymphocytes upon in vivo augmentation of mouse natural killer activity. Santoni A, et al. **J Immunol** 1985 Apr;134(4):2799-810

Functional characterization of LFA-1 antigens in the interaction of human NK clones and target cells. Schmidt RE, et al. **J Immunol** 1985 Aug;135(2):1020-5

Mode of in vitro augmentation of natural killer cell activity by recombinant human interleukin 2: a comparative study of Leu-11+ and Leu-11- cell populations in cord blood and adult peripheral blood. Seki H, et al. **J Immunol** 1985 Oct;135(4):2351-6

Cell receptors for the mammalian reovirus. IV. Reovirus-specific cytolytic T cell lines that have idiotypic receptors recognize anti-idiotypic B cell hybridomas. Sharpe AH, et al. **J Immunol** 1985 Apr;134(4):2702-6

Identification and purification of NK cells with lysosomotropic vital stains: correlation of lysosome content with NK activity. Shau H, et al. **J Immunol** 1985 Jul;135(1):137-40

Clonal analysis of cytolytic T lymphocyte-mediated lysis of target cells with inducible antigen expression: correlation between antigen density and requirement for Lyt-2/3 function. Shimonkevitz R, et al. **J Immunol** 1985 Aug;135(2):892-9

Variable requirement for murine lymphocyte function-associated antigen-1 (LFA-1) in T cell-mediated lysis depending upon the tissue origin of the target cells. Shimonkevitz R, et al. **J Immunol** 1985 Sep;135(3):1555-7

Adoptive immunotherapy of a newly induced sarcoma: immunologic characteristics of effector cells. Shu S, et al. **J Immunol** 1985 Oct;135(4):2895-903

The role of T8 in the cytotoxic activity of cloned cytotoxic T lymphocyte lines specific for class II and class I major histocompatibility complex antigens. Spits H, et al. **J Immunol** 1985 Apr;134(4):2294-8

Epidermal cells as accessory cells in the generation of allo-reactive and hapten-specific cytotoxic T lymphocyte (CTL) responses. Steiner G, et al. **J Immunol** 1985 Feb;134(2):736-41

Suppression of alloimmune cytotoxic T lymphocyte (CTL) generation by depletion of NK cells and restoration by interferon and/or interleukin 2. Suzuki R, et al. **J Immunol** 1985 Apr;134(4):2139-48

Hyporesponsiveness to augmentation of murine natural killer cell activity in different anatomical compartments by multiple injections of various immunomodulators including recombinant interferons and interleukin 2. Talmadge JE, et al. **J Immunol** 1985 Oct;135(4):2483-91

Is the NK lytic process involved in the mechanism of NK suppression of antibody-producing cells? Targan S, et al. **J Immunol** 1985 Feb;134(2):666-9

Ontogeny of proliferative and cytotoxic responses to interleukin 2 and concanavalin A in murine fetal thymus. Teh HS, et al. **J Immunol** 1985 Mar;134(3):1653-8

Reconstitution of in vivo cell-mediated lympholysis responses in aged mice with interleukin 2. Thoman ML, et al. **J Immunol** 1985 Feb;134(2):949-52

Protein-antigen specific Ia-restricted cytolytic T cells: analysis of frequency, target cell susceptibility, and mechanism of cytolysis. Tite JP, et al. **J Immunol** 1985 Jul;135(1):25-33

Stimulation of a cell-mediated cytotoxic response to FeLV-induced T cell lymphomas in the cat. Tompkins MB, et al. **J Immunol** 1985 Oct;135(4):2817-23

Immunotoxin-mediated elimination of clonogenic tumor cells in the presence of human bone marrow. Uckun FM, et al. **J Immunol** 1985 Mar;134(3):2010-6

Differential effects of recombinant human interferon-gamma and interleukin 2 on natural killer cell activity of peripheral blood in early human development. Ueno Y, et al. **J Immunol** 1985 Jul;135(1):180-4

Imbalanced accumulation of ribosomal RNA in macrophages activated in vivo or in vitro to a cytolytic stage. Varesio L. **J Immunol** 1985 Feb;134(2):1262-7

Human alloreactive CTL clones: loss and reacquisition of specific cytolytic activity can be regulated by 'recombinant' interleukin 2. Wee SL, et al. **J Immunol** 1985 Jan;134(1):310-3

Identification of a structure on human melanoma cells recognized by CTL exhibiting anomalous killer cell function. Werkmeister JA, et al. **J Immunol** 1985 Jul;135(1):689-95

Role of organ-associated NK cells in decreased formation of experimental metastases in lung and liver. Wiltrout RH, et al. **J Immunol** 1985 Jun;134(6):4267-75

Description of phenotypically distinct T-lymphocyte subsets which mediate helper/DTH and cytotoxic functions in the Syrian hamster. Witte PL, et al. **J Immunol** 1985 May;134(5):2908-15

Studies on the mechanism of natural killer cell-mediated cytotoxicity. V. Lack of NK specificity at the level of induction of natural killer cytotoxic factors in cultures of human, murine, or rat effector cells stimulated with mycoplasma-free cell lines. Wright SC, et al. **J Immunol** 1984 Dec;133(6):3415-23

Lymphokine-induced cytotoxicity: requirement of two lymphokines for the induction of optimal cytotoxic response. Yang SS, et al. **J Immunol** 1985 Jun;134(6):3912-9

Multiple epitopes on human and murine cells expressing HLA-B7 as defined by specific murine cytotoxic T cell clones. Yannelli JR, et al. **J Immunol** 1985 Aug;135(2):900-5

Human cytotoxic T cell clones directed against herpes simplex virus-infected cells. III. Analysis of viral glycoproteins recognized by CTL clones by using recombinant herpes simplex viruses. Yasukawa M, et al. **J Immunol** 1985 Apr;134(4):2679-82

Generation of natural killer cell lines from murine long-term bone marrow cultures. Yung YP, et al. **J Immunol** 1985 Mar;134(3):1462-8

Microcalorimetry as a tool for the detection of complement-dependent cytotoxicity. Ankerst J, et al. **J Immunol Methods** 1985 Mar 18;77(2):267-74

Intracellular killing of Candida albicans by human polymorphonuclear leucocytes: comparison of three methods of assessment. Husseini RH, et al. **J Immunol Methods** 1985 Aug 2;81(2):215-21

Blocking of influenza virus-induced cell-mediated cytotoxicity by hemagglutinin-specific monoclonal antibody. Justewicz DM, et al. **J Infect Dis** 1984 Sep;150(3):348-57

The effect of microbial flora, diet, and age on the tumoricidal activity of natural killer cells. Bartizal KF, et al. **J Leukocyte Biol** 1984 Dec;36(6):739-50

Differential expression of macrophage effector functions: bactericidal versus tumoricidal activities. Campbell PA, et al. **J Leukocyte Biol** 1984 Sep;36(3):293-306

The separation of cytotoxic human peripheral blood monocytes into high and low phagocytic subsets by centrifugal elutriation. Chiu KM, et al. **J Leukocyte Biol** 1984 Dec;36(6):729-37

Enhanced lysis of [125I]5-iodo-2'-deoxyuridine-labeled target cells in the presence of normal macrophages: possible mechanisms of action. Evans R, et al. **J Leukocyte Biol** 1985 Jan;37(1):63-73

Human monocyte-mediated cytotoxicity against herpes simplex virus-infected cells: activation of cytotoxic monocytes by free and liposome-encapsulated lymphokines. Koff WC, et al. **J Leukocyte Biol** 1985 Apr;37(4):461-72

The current status of human monocyte-mediated cytotoxicity against tumor cells. Koren HS, et al. **J Leukocyte Biol** 1985 Sep;38(3):441-5

Antioxidant effects on cell-mediated immunity. Meeker HC, et al. **J Leukocyte Biol** 1985 Oct;38(4):451-8

Stochastic models of tumor growth and the probability of elimination by cytotoxic cells. Merrill SJ. **J Math Biol** 1984;20(3):305-20

Resistance to natural killer cytolysis and neutral glycolipid composition of cultured human glioma and fetal brain cells. Yates AJ, et al. **J Neuropathol Exp Neurol** 1985 Jul;44(4):371-83

Different mechanisms responsible for in vitro cell-mediated cytotoxicity to autologous hepatocytes in children with autoimmune and HBsAg-positive chronic liver disease. Mondelli M, et al. **J Pediatr** 1985 Jun;106(6):899-906

Cytolytic effect of macrophages and polymorphonuclear leukocytes treated with acidic fraction of bakers' yeast mannan against MM46 tumor cells in vitro. Sakai K, et al. **J Pharmacobiodyn** 1984 Dec;7(12):943-50

Pregnant and pseudopregnant mice produce a low cytotoxic alloantibody response when challenged by fetal but not adult F1 alloantigens. Marshall J, et al. **J Reprod Immunol** 1985 May;7(3):243-8

Comparison of the cellular cytotoxic activities of colostral lymphocytes and maternal peripheral blood lymphocytes. Nair MP, et al. **J Reprod Immunol** 1985 May;7(3):199-213 (72 ref.)

Relationship between lymphocytic cytotoxicity and phytohemagglutinin-induced lymphoblastogenesis before and after surgical tumor excision: an experimental study. Yamamoto S, et al. **J Surg Oncol** 1985 Jan;28(1):42-9

Tumor escape from immune elimination: simplified precursor bound cytotoxicity models. De Boer RJ, et al. **J Theor Biol** 1985 Apr 21;113(4):719-36

Functional properties of natural killer cells in carcinoma of the prostate. Wirth M, et al. **J Urol** 1985 Jun;133(6):973-8

In vitro enhancement of human natural cell-mediated cytotoxicity by purified influenza virus glycoproteins. Arora DJ, et al. **J Virol** 1984 Dec;52(3):839-45

Lysis of dengue virus-infected cells by natural cell-mediated cytotoxicity and antibody-dependent cell-mediated cytotoxicity. Kurane I, et al. **J Virol** 1984 Oct;52(1):223-30

Hyperthermia and the generation and activity of murine influenza-immune cytotoxic T cells in vitro. Müllbacher A. **J Virol** 1984 Dec;52(3):928-31

Isolation and initial characterization of tumoricidal monokine(s) from the human monocytic leukemia cell line THP-1. Armstrong CA, et al. **JNCI** 1985 Jan;74(1):1-9

Susceptibility of mammary tumor cells to complement-mediated cytolysis after in vitro or in vivo fatty acid manipulation. Erickson KL, et al. **JNCI** 1985 Aug;75(2):333-40

Macrophage-mediated natural cytotoxicity of dimethyl sulfoxide-treated Friend erythroleukemia cells. Hsu KH, et al. **JNCI** 1985 Jul;75(1):105-10

Murine in vitro antigenic modification of tumor cells: effect on susceptibility to natural cell-mediated cytotoxicity. Langweiler M, et al. **JNCI** 1985 Mar;74(3):699-704

Genetic control of hapten-reactive helper T-cell responses and its implications for the generation of augmented antitumor cytotoxic responses. Mizushima Y, et al. **JNCI** 1985 Jun;74(6):1269-73

Kinetics and function of tumor cytotoxic factor(s) produced by human blood monocytes activated to the tumoricidal state. Sone S, et al. **JNCI** 1985 Mar;74(3):583-90

Natural killer cell activity and autologous tumor killing activity in cancer patients: overlapping involvement of effector cells as determined in two-target conjugate cytotoxicity assay. Uchida A, et al. **JNCI** 1984 Nov;73(5):1093-100

Lysis of fresh human tumor cells by autologous large granular lymphocytes and T-lymphocytes: two distinct killing activities induced by coculture with autologous tumor. Uchida A, et al. **JNCI** 1984 Dec;73(6):1285-92

Immunological study of heart diseases with special reference to the cytotoxicity of the heterophile antibody against cultured myocardial cells. Fukuta S, et al. **Jpn Circ J** 1984 Dec;48(12):1354-7

Cytotoxic effects of polymorphonuclear leukocytes and macrophages in patients undergoing lymph depletion via thoracic duct drainage. Cameron DJ. **Jpn J Exp Med** 1984 Oct;54(5):195-200

Natural killer cells kill human retinoblastoma cells. Ohashi Y, et al. **Jpn J Ophthalmol** 1984;28(4):370-6

Gravimetric, histological and cytotoxic changes of lymphoreticular tissue after implantation of tumor cells in mice. Morita K, et al. **Jpn J Surg** 1985 Mar;15(2):166-72

Monocyte-mediated cytotoxicity on bladder cancer cells in vitro and its implication in the treatment of bladder cancer patients with bacillus Calmette-Guérin. Nakamura K. **Keio J Med** 1984 Nov;33(4):185-99

Tumoricidal activity of an acute promyelocytic leukemia cell line (HL-60) is augmented by human interferon alpha. Buessow SC, et al. **Leuk Res** 1984;8(5):801-11

Decline of natural cytotoxicity of human lymphocytes following infection with human T-cell leukemia/lymphoma virus (HTLV). De Vecchis L, et al. **Leuk Res** 1985;9(3):349-55

PHA-ICC, ADCC and NK in patients with ANLL in CR: human fibroblastic interferon fails to increase NK-active cell frequency. Fontana L, et al. **Leuk Res** 1984;8(5):885-91

Activating factors for nonspecific and antibody-dependent cytotoxicity by human and murine mononuclear phagocytes. Ralph P. **Lymphokine Res** 1984 Summer;3(4):153-61 (56 ref.)

Natural killer cells. Kimber I. **Med Lab Sci** 1985 Jan;42(1):60-77 (253 ref.)

Influence of K99 on the phagocytosis and killing of K99-positive Escherichia coli by mouse peritoneal cells in vitro. Ferreiros CM, et al. **Med Microbiol Immunol (Berl)** 1984;173(2):105-11

A monoclonal antibody (RH1-38) which inhibits multiple systems of cell-mediated cytotoxicity--I. Identification of a novel epitope on a killer cell surface bimolecular complex important in the cytotoxic response. Hall RE. **Mol Immunol** 1985 Jul;22(7):757-64

A monoclonal antibody (RH1-38) which inhibits multiple systems of cell-mediated cytotoxicity--II. Evidence that the epitope recognized is involved in a late step in the cytolytic mechanism. Hall RE, et al. **Mol Immunol** 1985 Jul;22(7):765-73

Contribution of activated C3 to lymphocyte-mediated target lysis: complement-dependent cellular cytotoxicity. Yefenof E, et al. **Mol Immunol** 1984 Dec;21(12):1211-4

Experimental application of a multistep kinetic model for natural cytotoxicity: determination of rate constants for lytic programming and killer-cell-independent lysis. Callewaert DM, et al. **Nat Immun Cell Growth Regul** 1983-84;3(4):210-21

Natural cytotoxicity: recent progress and continuing controversy. Callewaert DM. **Nat Immun Cell Growth Regul** 1985;4(2):61-77

Generation of natural killer-like cytotoxicity from human thymocytes with interleukin-2. Gray JD, et al. **Nat Immun Cell Growth Regul** 1983-84;3(3):124-33

Generation of natural killer-like activity in mixed lymphocyte-tumor cell cultures. I. Role of HLA-DR antigens as stimulatory molecules. Matera L, et al. **Nat Immun Cell Growth Regul** 1985;4(2):90-102

Lysis of fresh leukemic blasts by interferon-activated human natural killer cells. Pattengale PK, et al. **Nat Immun Cell Growth Regul** 1983-84;3(4):165-80

Generation of natural killer-like activity in mixed lymphocyte-tumor cell cultures. II. Correlation between expression of HLA-DR antigens on the activated T cells and their cytotoxic capability. Santoli D, et al. **Nat Immun Cell Growth Regul** 1985;4(2):103-12

Peyer's patch lymphocytes express natural cytotoxicity but not natural killer activity. Tagliabue A, et al. **Nat Immun Cell Growth Regul** 1983-84;3(2):95-101

Mechanism of inhibition of natural killing by a glycopeptide isolated from the K562 plasma membrane. Targan S, et al. **Nat Immun Cell Growth Regul** 1983-84;3(3):113-23

Rejection of transplantable AKR leukaemia cells following MHC DNA-mediated cell transformation. Hui K, et al. **Nature** 1984 Oct 25-31;311(5988):750-2

Hybrid antibodies can target sites for attack by T cells. Staerz UD, et al. **Nature** 1985 Apr 18-24;314(6012):628-31

Lymphocyte cytotoxicity in the peritoneal cavity and blood of patients with ovarian cancer. Berek JS, et al. **Obstet Gynecol** 1984 Nov;64(5):708-14

Immune-recognition of Schistosoma mansoni primary sporocysts may require specific receptors on Biomphalaria glabrata hemocytes. Bayne CJ, et al. **Parasite Immunol** 1984 Nov;6(6):519-28

Enhanced complement-mediated lysis of type III paroxysmal nocturnal hemoglobinuria erythrocytes involves increased C9 binding and polymerization. Hu VW, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5520-4

Mechanism of calcium ionophore A23187-induced priming of bone marrow-derived macrophages for tumor cell killing: relationship to priming by interferon. Johnson HM, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5959-62

Attachment of an anti-receptor antibody to non-target cells renders them susceptible to lysis by a clone of cytotoxic T lymphocytes. Kranz DM, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7922-6

Complement-dependent cellular cytotoxicity: lymphoblastoid lines that activate complement component 3 (C3) and express C3 receptors have increased sensitivity to lymphocyte-mediated lysis in the presence of fresh human serum. Ramos OF, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5470-4

Generation and regulation of autocytotoxicity in mixed lymphocyte cultures: evidence for active suppression of autocytotoxic cells. Rosenkrantz K, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4508-12

Modulation of murine natural killer cells by Cryptococcus neoformans. Bartizal KF Jr, et al. **Prog Clin Biol Res** 1985;181:333-6

Immunoresponses and natural killer activity of nude and normal mice under conventional and germfree conditions. Suzuki T, et al. **Prog Clin Biol Res** 1985;181:325-8

Influence of antigen-free diet, microbial flora and host strain on natural killer cytotoxic activity in mice. Tazume S, et al. **Prog Clin Biol Res** 1985;181:347-9

Natural cytotoxicity detected in swine using Aujeszky's disease virus infected targets. Martin S, et al. **Res Vet Sci** 1984 Sep;37(2):211-8

Cytotoxic lymphocytes induced by African swine fever infection. Norley SG, et al. **Res Vet Sci** 1984 Sep;37(2):255-7

Failure of sera from patients with scleroderma to exhibit cytotoxicity towards human umbilical vein endothelial cells. Summers GD, et al. **Rheumatol Int** 1984;5(1):9-13

Natural cytotoxicity of human lymphocytes against equine target cells in vitro. Broström H, et al. **Scand J Immunol** 1985 Mar;21(3):245-54

Highly increased natural killer cell number and lytic activity in the murine peripheral blood and lungs after interferon induction in vivo. Hurme M, et al. **Scand J Immunol** 1984 Oct;20(4):371-6

Natural killer (NK) cell activity of peripheral blood lymphocytes from patients with Bechterew's syndrome (ankylosing spondylitis). Vinje O, et al. **Scand J Rheumatol** 1984;13(4):297-302

Cellular immune defects in patients with melanoma involving interleukin-2-activated lymphocyte cytotoxicity and a serum suppressor factor. Balch CM, et al. **Surgery** 1985 Aug;98(2):151-7

Mechanism of cell-mediated cytolysis by natural killer cells. Dennert G. **Surv Synth Pathol Res** 1985;4(1):69-83 (42 ref.)

Cell-mediated cytotoxicity toward class I and class II antigens on canine T and B lymphoblasts. Buurman WA, et al. **Tissue Antigens** 1984 Jul;24(1):48-57

Interpretation of lymphocytotoxicity assays and the demonstration of auto-tumor reactive lymphocytes in patients: central issues of present day tumor immunology. Klein E. **Tokai J Exp Clin Med** 1983 Dec;8(5-6):385-98 (61 ref.)

Cytotoxicity against non-HLA antigens in a renal transplant recipient. Akiyama N, et al. **Transplant Proc** 1984 Dec;16(6):1700-3

Monitoring of cytotoxic T cell function in cardiac transplant recipients: the immediate posttransplant period. Cohen DJ, et al. **Transplant Proc** 1984 Dec;16(6):1512-3

Early determination of renal allograft survival: a correlation between cytotoxic antibodies in recipient sera, renal pathology, and response to antirejection therapy. Lordon RE, et al. **Transplant Proc** 1984 Dec;16(6):1588-90

Complement-dependent cytotoxicity detected by 51Cr release: a predictor of kidney graft rejection. McConnachie PR, et al. **Transplant Proc** 1984 Dec;16(6):1448-50

Donor-specific suppressor cells and donor-specific loss of cell-mediated lympholysis in renal allograft recipients: a comparative study. Mathew M, et al. **Transplant Proc** 1984 Dec;16(6):1478-80

Temporal effect of cyclosporine immunosuppression on T lymphocyte subsets, Ia-reactive cells, and donor-specific immunity in cardiac allograft recipients. Mazaheri R, et al. **Transplant Proc** 1984 Dec;16(6):1537-9

Blood transfusion and antiidiotypic immunity. Nagarkatti PS, et al. **Transplant Proc** 1984 Dec;16(6):1407-9

Cell-mediated lympholysis in kidney transplant recipients. Ono E, et al. **Transplant Proc** 1984 Dec;16(6):1594-7

Virus-specific cytotoxic lymphocyte responses are predictive of the outcome of cytomegalovirus infection of renal transplant recipients. Rook AH, et al. **Transplant Proc** 1984 Dec;16(6):1466-9

Reactivity of lymphocyte cytotoxic autoantibodies from renal patients with cell line K562. Deierhoi MH, et al. **Transplantation** 1984 Nov;38(5):557-8

Occurrence of posttransplant donor-specific cell-mediated lympholysis nonreactivity in renal allograft recipients with perioperative transfusions only. Goulmy E, et al. **Transplantation** 1985 Jan;39(1):105-7

Natural immunity and graft-vs-host disease. Gratama JW, et al. **Transplantation** 1985 Sep;40(3):256-60

Cell-mediated cytotoxicity patterns of cloned cytotoxic T lymphocytes. Cytotoxicity directed against canine lymphoblasts, monocytes, and endothelial cells. Groenewegen G, et al. **Transplantation** 1985 Jun;39(6):657-60

Antigen competition in cytotoxic T cell response to minor histocompatibility antigens. Lai PK. **Transplantation** 1985 Jun;39(6):638-43

Characterization of effector cells mediating the augmentation of spontaneous cell-mediated cytotoxicity induced by therapeutic infarction of human renal carcinomas. Johnson G, et al. **Urol Int** 1984;39(4):236-40

Cell-mediated cytotoxicity of bovine mononuclear cells to IBRV-infected cells: dependence on Sephadex G-10 adherent cells. Campos M, et al. **Vet Immunol Immunopathol** 1985 Apr;8(4):363-75

[Determination of the human leukemia antigen by complement-mediated cytotoxicity] Wang ZY. **Chung Hua Chung Liu Tsa Chih** 1984 Nov;6(6):423-5 (Eng. Abstr.) **(Chi)**

[Cellular cytotoxicity in hemolytic diseases] Herzog P, et al. **Cas Lek Cesk** 1985 Mar 22;124(12):360-3 (Eng. Abstr.) **(Cze)**

[Cytolytic activity of macrophages from 5 strains of rats] Lagadec P, et al. **Pathol Biol (Paris)** 1985 Feb;33(2):107-10 (Eng. Abstr.) **(Fre)**

[Production of gp 51 of bovine leukosis virus in tumor tissue cells without lysis of cells by cytotoxic antibodies against gp 51] Ristau E, et al. **Arch Exp Veterinarmed** 1984 Sep;38(5):722-8 (Eng. Abstr.) **(Ger)**

[Cell-mediated cytotoxicity and lymphocyte stimulation in Aujeszky's disease. I. In experimentally infected swine] Wittmann G, et al. **Zentralbl Veterinarmed [B]** 1985 Feb;32(2):101-15 (Eng. Abstr.) **(Ger)**

[Cell-mediated cytotoxicity and lymphocyte stimulation in Aujeszky's disease. II. Following vaccination of swine and subsequent infection] Wittmann G, et al. **Zentralbl Veterinarmed [B]** 1985 Mar;32(3):181-96 (Eng. Abstr.) **(Ger)**

[Cell mediated cytotoxic activities in ataxia-telangiectasia with T cell deficiency] Tsuge I, et al. **Arerugi** 1984 Oct;33(10):909-16 (Eng. Abstr.) **(Jpn)**

[Induction of human monocyte-mediated tumor cell killing by alpha or beta interferon] Utsugi T, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1105-10 (Eng. Abstr.) **(Jpn)**

[Relations of tumor-specific cytotoxicity to nonspecific immunological parameters and to clinical course in various surgical cancer patients] Yamamoto S, et al. **Nippon Geka Gakkai Zasshi** 1985 Mar;86(3):251-7 (Eng. Abstr.) **(Jpn)**

[Establishment of cytotoxic lymphocytes against autologous cholangiocarcinoma from the patient's blood lymphocytes cultured in T cell growth factor (TCGF)] Yoshizumi Y. **Nippon Geka Gakkai Zasshi** 1984 Jun;85(6):563-72 (Eng. Abstr.) **(Jpn)**

[NK activity in various skin diseases] Hattori A, et al.

Nippon Hifuka Gakkai Zasshi 1984 Jul;94(8):945-7 **(Jpn)**

[Symposium on mechanisms of host defense from fundamental and clinical medicine. 2. Role of natural killer (NK) cells and interferon in self-defense mechanisms] Kumagai K. **Nippon Naika Gakkai Zasshi** 1984 Dec; 73(12):1747-51 (21 ref.) (Eng. Abstr.) **(Jpn)**

[Induction and potentiation of phagocyte-mediated tumor lysis by chemotherapeutic drugs for cancer] Yamazaki M, et al. **Yakugaku Zasshi** 1984 Jul;104(7):769-74 (Eng. Abstr.) **(Jpn)**

[Cytotoxic activity of lymphocytes in children with infectious mononucleosis] Konopka L, et al. **Acta Haematol Pol** 1984 Jan-Jun;15(1-2):9-19 (Eng. Abstr.) **(Pol)**

[Interferon and natural cytotoxicity] Skurska Z. **Postepy Hig Med Dosw** 1984 Sep-Dec;38(5-6):615-32 (84 ref.) (Eng. Abstr.) **(Pol)**

[Cytotoxic action of natural killer cells on human tumor cells] Avdeev GI, et al. **Biull Eksp Biol Med** 1985 Apr; 99(4):471-3 (Eng. Abstr.) **(Rus)**

[Cytotoxic antibodies to thymocyte antigens in rheumatism and other diseases] Danilova TA, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):716-8 (Eng. Abstr.) **(Rus)**

[Interrelations of natural cellular cytotoxicity and interferon systems in immobilization stress] Sukhikh FT, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):593-5 (Eng. Abstr.) **(Rus)**

[Nature of the change in cytostatic and cytotoxic splenocyte functions in mice after immobilization stress] Sukhikh GT, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):399-401 (Eng. Abstr.) **(Rus)**

[Selective cytotoxic effect of immunotoxin on erythroid tumor cells of mice] Tonevitskii AG, et al. **Dokl Akad Nauk SSSR** 1985;282(2):485-8 **(Rus)**

[Proliferative activity and cytotoxic effect of mouse lymphocytes during the growth of transplanted melanoma B-16] Korosteleva TA, et al. **Eksp Onkol** 1984;6(1):53-5 (Eng. Abstr.) **(Rus)**

[Activation of adenylate cyclase system enzymes and lysosomal acid phosphatase in target cells interacting with T-killer cells] Sashchenko LP, et al. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):119-31 (Eng. Abstr.) **(Rus)**

[Natural cytotoxicity in Sjögren's syndrome] Aleksandrova EN, et al. **Ter Arkh** 1984;56(7):103-6 (Eng. Abstr.) **(Rus)**

[Antibody-dependent and natural cellular cytotoxic reactions in rheumatic diseases] Aleksandrova EN, et al. **Ter Arkh** 1984;56(10):130-6 (129 ref.) **(Rus)**

[Cytotoxic action of the interferons produced by the cells of newborn and sexually mature animals] Malinovskaia VV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Mar; (3):78-81 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

The effect of systemic heparinization on plasma lipoproteins and toxicity in patients on hemodialysis and continuous ambulatory peritoneal dialysis. Wessel-Aas T, et al. **Acta Med Scand** 1984;216(1):85-92

Hemodialysis and cell toxicity in vitro related to plasma triglycerides, post-heparin lipolytic activity and free fatty acids. Wessel-Aas T, et al. **Acta Med Scand** 1984; 216(1):75-83

Toxicity of plasma from hemodialysis patients treated with heparin or prostacyclin. Wessel-Aas T, et al. **Acta Med Scand** 1984;216(1):93-9

Promoting effect of beer and ethanol on anti-tumour cytotoxicity: unaffected growth of a transplantable rat tumour. Autelitano DJ, et al. **Aust J Exp Biol Med Sci** 1984 Aug;62 (Pt 4):507-14

Inhibition of macrophage activation and tumor cell cytolysis by cyclosporin-A. Wright B, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):710-5

A substrate analog inhibitor for arylsulfatase reduces NK cell cytotoxicity. Zucker-Franklin D, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):540-3

High-density lipoprotein and its apolipoproteins inhibit cytolytic activity of complement. Studies on the nature of inhibitory moiety. Packman CH, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):107-15

In vitro modulation of human natural killer cell activity by interferon: generation of adherent suppressor cells. Uchida A, et al. **Br J Cancer** 1984 Oct;50(4):483-92

The ability of macrophages from head and neck cancer patients to kill tumor cells. Effect of prostaglandin inhibitors on cytotoxicity. Cameron DJ, et al. **Cancer** 1984 Dec 1;54(11):2403-8

Influence in vitro on NK and K cell activities by cimetidine and indomethacin with and without simultaneous exposure to interferon. Flodgren P, et al. **Cancer Immunol Immunother** 1985;19(1):28-34

Effect of dimethyldioctadecylammonium bromide induced macrophages on malignant cell proliferation. Prager MD, et al. **Cancer Lett** 1985 Jun;27(2):225-32

Oxidative properties of 12-O-tetradecanoylphorbol-13-acetate-stimulated human blood monomorphonuclear leukocytes and their toxicity against a human lung carcinoma cell line. Gescher A, et al. **Cancer Res** 1985 Apr;45(4):1638-43

Induction of tumoricidal activity of polymorphonuclear leukocytes by a linear beta-1,3-D-glucan and other immunomodulators in murine cells. Morikawa K, et al. **Cancer Res** 1985 Apr;45(4):1496-501

Hydrogen peroxide as a tumoricidal mediator of murine polymorphonuclear leukocytes induced by a linear beta-1,3-D-glucan and some other immunomodulators. Morikawa K, et al. **Cancer Res** 1985 Aug;45(8):3482-6

Comparison of binding proteins on the surface of murine tumor cells for two lectins active in the lectin-dependent macrophage-mediated cytotoxic reaction. Ohkuma Y, et al. **Cancer Res** 1985 Sep;45(9):4397-400

Deficient natural killer function in patients receiving immunosuppressive drugs: analysis at the cellular level. Dupont E, et al. **Cell Immunol** 1984 Oct 1;88(1):85-95

Augmentation of cytotoxic responses by prostaglandin E2. Häcker-Shahin B, et al. **Cell Immunol** 1985 Mar;91(1):43-51

Human monocyte activation for cytotoxicity against intracellular Leishmania donovani amastigotes: induction of microbicidal activity by interferon-gamma. Hoover DL, et al. **Cell Immunol** 1985 Sep;94(2):500-11

Suppression by cyclosporin A of murine T-cell-mediated immunity against viruses in vivo and in vitro. Huegin AW, et al. **Cell Immunol** 1985 Feb;90(2):464-73

Effect of L-ornithine on proliferative and cytotoxic T-cell responses in allogeneic and syngeneic mixed leukocyte cultures. Jänicke R, et al. **Cell Immunol** 1985 May; 92(2):359-65

Inhibition of cell-mediated lympholysis by cloned and uncloned lines of natural killer cells and cytotoxic T lymphocytes with sugars and lectins. Kornbluth J, et al. **Cell Immunol** 1984 Oct 1;88(1):162-73

Activation of human eosinophils by monokines and lymphokines: source and biochemical characteristics of the eosinophil cytotoxicity-enhancing activity produced by blood mononuclear cells. Lenzi HL, et al. **Cell Immunol** 1985 Sep;94(2):333-46

Modulation of human blood lymphocyte cytotoxicity by the phorbol ester tumor promoter P(Bu)2: increase of target binding, impairment of effector recycling, and activation of lytic potential which is independent of IL-2. Ramos OF, et al. **Cell Immunol** 1985 Mar;91(1):178-92

In vitro generation of human activated lymphocyte killer cells. II. N-acetyl-D-galactosamine inhibits a distinct subpopulation of human activated lymphocyte killer cells generated in mixed lymphocyte culture. Werkmeister JA, et al. **Cell Immunol** 1985 May;92(2):338-49

Immunoregulation of fish nonspecific cytotoxic cell activity by retinolacetate but not poly I:C. Evans DL, et al. **Comp Immunol Microbiol Infect Dis** 1984;7(2):91-100

Nonspecific cytotoxic cells in fish (Ictalurus punctatus). V. Metabolic requirements of lysis. Carlson RL, et al. **Dev Comp Immunol** 1985 Spring;9(2):271-80

Synthesis and release of plasminogen activator by lymphoid cell lines of malignant origin and its effect on lymphocyte cytotoxicity. Sundar SK, et al. **Exp Biol** 1985;43(4):277-85

Augmentation of the cell-mediated cytotoxic response induced in mixed cell culture by adriamycin. Arinaga S, et al. **Gann** 1985 May;76(5):414-9

Monoclonal antibody-dependent murine macrophage-mediated cytotoxicity against human tumors is stimulated by lentinan. Herlyn D, et al. **Gann** 1985 Jan; 76(1):37-42

Regulation of human natural killing by lysosomotropic and thiol-reactive agents. Shau H, et al. **Immunology** 1985 Aug; 55(4):647-54

The role of the lysosome in natural killing: inhibition by lysosomotropic vital dyes. Shau H, et al. **Immunology** 1984 Dec;53(4):745-51

Effects of diethylstilbestrol on human natural killer cells in vitro. Kalland T, et al. **Immunopharmacology** 1984 Aug; 8(1):19-25

The inhibitory effect of phenothiazines on NK-mediated cytolysis of tumor cells. Laing LP, et al. **Immunopharmacology** 1984 Aug;8(1):1-12

Induction of cytotoxic cell activity by peptide fragments of beta 2-microglobulin. Rola-Pleszczynski M, et al. **Immunopharmacology** 1985 Feb;9(1):39-43

Modulation of in vitro natural cell-mediated activity against enteropathogenic bacteria by simple sugars. Nencioni L, et al. **Infect Immun** 1985 Feb;47(2):534-9

Macrophage oxidative burst and related cytotoxicity. I. Differential activation by tumor-promoting and non-tumor-promoting phorbol esters. Keisari Y, et al. **Int J Cancer** 1984 Dec 15;34(6):845-8

Cytolytic activity of interferon-gamma and its synergism with 5-fluorouracil. Le J, et al. **Int J Cancer** 1984 Oct 15;34(4):495-500

Effect of isoprinosine on natural killer cell activity of blood mononuclear cells in vitro and in vivo. Hersey P, et al. **Int J Immunopharmacol** 1984;6(4):315-20

Augmentation of natural cell-mediated cytotoxic reactivity of mouse lymphoid cells by aloctin A. Imanishi K, et al. **Int J Immunopharmacol** 1984;6(5):539-43

The effect of 3-methylcholanthrene on mouse natural killer cells in vitro. Kallend T. **Int J Immunopharmacol** 1984; 6(4):299-305

Effects of dietary technical pentachlorophenol exposure on T cell, macrophage and natural killer cell activity in C57Bl/6 mice. Kerkvliet NI, et al. **Int J Immunopharmacol** 1985;7(2):239-47

Acting mechanisms of Lentinan in human—II. Enhancement of non-specific cell-mediated cytotoxicity as an interferon inducer. Miyakoshi H, et al. **Int J Immunopharmacol** 1984; 6(4):373-9

Bimodal effects of MVE-2 on cytotoxic activity of natural killer cell and macrophage tumoricidal activities. Piccoli M, et al. **Int J Immunopharmacol** 1984;6(6):569-76

The effect of lead and polychlorinated biphenyl exposure on rat natural killer cell cytotoxicity. Talcott PA, et al. **Int J Immunopharmacol** 1985;7(2):255-61

Combined effects of cyclophosphamide and thymostimulin treatment on the in vitro natural killer and candidacidal activity of murine spleen cells. Baccarini M, et al. **Int J Tissue React** 1984;6(6):485-92

Lymphocytotoxic donor-specific response to fresh and stored blood. An experiment in immunosuppressed rhesus monkies (brief communication). Galvão MM, et al. **Int Urol Nephrol** 1984;16(3):253-7

Macrophage activation by MDP bound to neoglycoproteins: metastasis eradication in mice. Roche AC, et al. **Invasion Metastasis** 1985;5(4):218-32

Activation of tumoricidal properties in macrophages and inhibition of experimentally-induced murine metastases by a new synthetic acyltripeptide, FK-565. Inamura N, et al. **J Biol Response Mod** 1985 Aug;4(4):408-17

Immunological aspects of retinoids in humans. III. Effects of retinoic acid on the natural killing of tumor cells. Sidell N, et al. **J Biol Response Mod** 1985 Jun;4(3):240-50

Inhibition of human NK cell cytotoxicity against K562 cells with glycopeptides from K562 plasma membranes. Decker JM, et al. **J Clin Lab Immunol** 1984 Nov;15(3):137-43

Phorbol ester-induced lymphocyte adherence: selective action on NK cells. Argov S, et al. **J Immunol** 1985 Apr; 134(4):2215-22

2',5'-Oligoadenylate trimer core and the cordycepin analog augment the tumoricidal activity of human natural killer cells. Black PL, et al. **J Immunol** 1984 Nov;133(5):2773-7

Rapid killing of actinomycin D-treated tumor cells by human monocytes. II. Cytotoxicity is independent of secretion of reactive oxygen intermediates and is suppressed by protease inhibitors. Colotta F, et al. **J Immunol** 1985 May; 134(5):3524-31

Suppression of cytotoxic T lymphocyte activation by L-ornithine. Dröge W, et al. **J Immunol** 1985 May; 134(5):3379-83

Macrophage activation for microbicidal activity against Leishmania major: inhibition of lymphokine activation by phosphatidylcholine-phosphatidylserine liposomes. Gilbreath MJ, et al. **J Immunol** 1985 May;134(5):3420-5

Functional distinctions between the LFA-1, LFA-2, and LFA-3 membrane proteins on human CTL are revealed with trypsin-pretreated target cells. Gromkowski SH, et al. **J Immunol** 1985 Jan;134(1):244-9

Blocking of CTL-mediated killing by monoclonal antibodies to LFA-1 and Lyt-2, 3. II. Evidence that trypsin pretreatment of target cells removes a non-H-2 molecule important in killing. Gromkowski SH, et al. **J Immunol** 1985 Jan;134(1):70-7

Down-regulation of human natural killer activity against tumors by the neutrophil myeloperoxidase system and hydrogen peroxide. El-Hag A, et al. **J Immunol** 1984 Dec; 133(6):3291-7

Evidence for a beta-adrenoceptor-mediated regulation of human natural killer cells. Hellstrand K, et al. **J Immunol** 1985 Jun;134(6):4095-9

Augmentation of mouse natural killer cell activity by LS 2616, a new immunomodulator. Kalland T, et al. **J Immunol** 1985 Jun;134(6):3956-61

The effects of vasoactive intestinal peptide on human natural killer cell function. Rola-Pleszczynski M, et al. **J Immunol** 1985 Oct;135(4):2569-73

Effects of various inhibitors of arachidonic acid oxygenation on macrophage superoxide release and tumoricidal activity. Schultz RM, et al. **J Immunol** 1985 Sep;135(3):2040-4

Depletion of NK cells with the lysosomotropic agent L-leucine methyl ester and the in vitro generation of NK activity from NK precursor cells. Shau H, et al. **J Immunol** 1985 Feb;134(2):1136-41

Augmentation of NK cell activity in tissue specific sites by liposomes incorporating MTP-PE. Talmadge JE, et al. **J Immunol** 1985 Aug;135(2):1477-83

Inhibition of cytotoxic T lymphocyte-mediated lysis by ETYA: effect independent of arachidonic acid metabolism. Taylor AS, et al. **J Immunol** 1985 Feb;134(2):1130-5

Modulation of human natural killer cell function by L-leucine methyl ester: monocyte-dependent depletion from human peripheral blood mononuclear cells. Thiele DL, et al. **J Immunol** 1985 Feb;134(2):786-93

Modulation of cytolytic T cell function by lectins. Toribio ML, et al. **J Immunol** 1985 Apr;134(4):2179-84

Modulation of mononuclear phagocyte cytotoxicity by alpha-tocopherol (vitamin E). Leb L, et al. **J Leukocyte Biol** 1985 Apr;37(4):449-59

The suppressive effect of progesterone on lymphocyte cytotoxicity: unique progesterone sensitivity of pregnancy lymphocytes. Szekeres-Bartho J, et al. **J Reprod Immunol** 1985 Feb;7(2):121-8

Influence of naproxen therapy on natural killer cytotoxicity and antibody-dependent cellular cytotoxicity against cells infected with herpes simplex virus. Gonik B, et al. **J Reprod Med** 1984 Oct;29(10):722-6

Verapamil inhibition of lymphocyte proliferation and function in vitro. McMillen MA, et al. **J Surg Res** 1985 Jul;39(1):76-80

Development of resistance to MOPC-315 plasmacytoma after intralesional and intraperitoneal melphalan therapy of tumor-bearing BALB/c mice. II. Enhancement of in vitro cell-mediated cytotoxicity by combined chemotherapy-immunotherapy. Adler A, et al. **JNCI** 1985 Feb;74(2):429-36

Lymphokine-activated killer (LAK) cell phenomenon. IV. Lysis by LAK cell clones of fresh human tumor cells from autologous and multiple allogeneic tumors. Rayner AA, et al. **JNCI** 1985 Jul;75(1):67-75

Inhibition of mouse natural killer cell activity by zinc. Stephenson RA, et al. **JNCI** 1985 May;74(5):1067-70

Lipid modulation of mammary tumor cell cytolysis: direct influence of dietary fats on the effector component of cell-mediated cytotoxicity. Thomas IK, et al. **JNCI** 1985 Mar;74(3):675-80

Drug-dependent cellular cytotoxicity mediated by polymorphonuclear leukocytes. Ikenami M, et al. **Jpn J Cancer Res** 1985 Jul;76(7):637-43

Mechanism of augmentation of natural cytotoxicity by human beta-interferon. Marumo K, et al. **Keio J Med** 1984 Nov; 33(4):201-9

Induction of T cell proliferation and cytotoxicity by lymphokines. Männel DN, et al. **Lymphokine Res** 1985 Spring;4(2):133-8

Effects of calmodulin antagonists on immune mouse lymphocytes. Wolberg G, et al. **Mol Pharmacol** 1984 Sep; 26(2):286-92

Augmentation of in vitro lymphocyte blastogenesis and cytotoxicity responses by tumor cells modified with dodecanoyl cytochrome C. Davis JW, et al. **Nat Immun Cell Growth Regul** 1983-84;3(4):203-9

A novel serine esterase expressed by cytotoxic T lymphocytes. Pasternack MS, et al. **Nature** 1985 Apr 25-May 1;314(6013):743-5

The effect of anti-malarial drugs on human natural killer cells in vitro. Ferrante A, et al. **Parasite Immunol** 1984 Nov;6(6):571-80

Activation and fusion induced by 1 alpha,25-dihydroxyvitamin D3 and their relation in alveolar macrophages. Abe E, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7112-6

Biological characterization of MVE-2 and poly ICLC. Schlick E, et al. **Prog Clin Biol Res** 1984;161:511-24

Modulation of polymorphonucleate-mediated cytotoxicity against Candida albicans by thymosin alpha 1. Bistoni F, et al. **Thymus** 1985;7(2):69-84

Effect of histamine-receptor blocking on human natural and lectin-dependent cell-mediated cytotoxicity against adherent HEP-2 cells. Perl A, et al. **Thymus** 1985; 7(2):111-8

The differential inhibitory effects exerted by cyclosporine and hydrocortisone on the activation of human cytotoxic lymphocytes by recombinant interleukin-2 versus allospecific CTL. Grimm EA, et al. **Transplantation** 1985 May;39(5):537-40

Inhibition of human in vivo cytotoxic T lymphocyte generation by cyclosporine following organ transplantation. Keown PA, et al. **Transplantation** 1985 Jul; 40(1):45-9

Decreased circulating large granular lymphocytes associated with depressed natural killer cell activity in renal transplant recipients. Ramsey KM, et al. **Transplantation** 1984 Oct; 38(4):351-6

[Inhibition of cytotoxic reactivity of HLA-A and B antigens by Percoll] Májský A, et al. **Cas Lek Cesk** 1984 Mar 23; 123(12):358-62 (Eng. Abstr.) **(Cze)**

[Effect of sex hormones on the induction of macrophage-mediated hepatocytotoxicity] Tsutsui H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):1989-94 (Eng. Abstr.) **(Jpn)**

[Action of hydrocortisone on the cytotoxic reactions in delayed hypersensitivity to microbial antigens] Bazanova EA, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):723-5 (Eng. Abstr.) **(Rus)**

[Lectin-inducible cell cytotoxicity and the production of the cytotoxic factor of natural killer cells during immobilization stress in mice] Sukhikh GT, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):51-3 (Eng. Abstr.) **(Rus)**

[Cytotoxic properties of an immunotoxin interacting with mouse myeloma cells] Tonevitskii AG, et al. **Dokl Akad Nauk SSSR** 1984;277(3):756-9 **(Rus)**

RADIATION EFFECTS

The therapeutic significance of concomitant antitumor immunity. I. LY-1-2+ T cells from mice with a progressive tumor can cause regression of an established tumor in gamma-irradiated recipients. North RJ. **Cancer Immunol Immunother** 1984;18(2):69-74

Effect of low dose X-irradiation on alloantigen sensitized and unsensitized lymphocytes. Dohi K, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):759-63

Mechanism of inhibition of human natural killer activity by ultraviolet radiation. Weitzen ML, et al. **J Immunol** 1984 Dec;133(6):3128-32

Spontaneous pulmonary metastasis of human cancer cells in X-irradiated and nonirradiated nude mice. Hirata H, et al. **Neoplasma** 1985;32(1):55-61

Radiosensitivity of murine T-lymphocyte cytotoxicity. Gerber M. **Radiat Res** 1984 Nov;100(2):365-77

CYTOTOXICITY TESTS, IMMUNOLOGIC

Killer cell activity of human monoblastic leukemia cells as detected with a monocyte-specific target cell. Ziegler-Heitbrock HW, et al. **Blood** 1985 Jan;65(1):8-14

Use of bone marrow fibroblasts to prepare targets for an HLA restricted-cytotoxicity assay system. Bowden RA, et al. **J Clin Microbiol** 1984 Oct;20(4):696-700

Studies on the cytolytic attack mechanism of the cytotoxic T lymphocyte (CTL): preparation of antisera against cellfree cytosolic extracts of a CTL clone capable of blocking the lethal hit stage of CTL cytolysis and analysis of the cytolytic structure. Hiserodt JC. **J Immunol** 1985 Jul;135(1):53-62

Helper effects required during in vivo priming for a cytolytic response to the H-Y antigen in nonresponder mice. Juretić A, et al. **J Immunol** 1985 Mar;134(3):1408-14

A correlation between conditioning and engraftment in recipients of MHC-mismatched T cell-depleted murine bone marrow transplants. Soderling CC, et al. **J Immunol** 1985 Aug;135(2):941-6

Use of a self-generating percoll gradient and single cell cytotoxicity assay to identify tumor-lytic properties of inflammatory neutrophils. Lichtenstein A, et al. **J Immunol Methods** 1985 Jul 16;81(1):95-106

Lytic infection by British AIDS virus and development of rapid cell test for antiviral antibodies. Karpas A, et al. **Lancet** 1985 Sep 28;2(8457):695-7

Indium 111 (111In) as a label for endothelial cells and fibroblasts used as target cells in cytotoxicity tests. Blann AD, et al. **Med Lab Sci** 1985 Jan;42(1):92-4

Inhibition of cytotoxicity for screening a monoclonal antibody to HLA antigen. Preparation of a highly specific monoclonal antibody to HLA-A2 antigen. Hiroishi S, et al. **Tissue Antigens** 1984 Nov;24(5):307-12

[HLA cytotoxins—the cause of positive indirect antiglobulin and LISS tests in pretransfusion examinations] Májský A, et al. **Cas Lek Cesk** 1985 Mar 22;124(12):364-7 (Eng. Abstr.) **(Cze)**

[The significance of the antiglobulin cytotoxic test for the detection of cross reacting HLA cytotoxins] Májský A. **Cas Lek Cesk** 1985 Jun 14;124(24):752-4 (Eng. Abstr.) **(Cze)**

[Detection of HLA antigens using the microlymphocytotoxicity fluorescence test] Pražák J. **Cas Lek Cesk** 1985 Mar 22;124(12):368-70 (Eng. Abstr.) **(Cze)**

[Use of the isotope label 51Cr in cytolysis reactions] Mel'nikov OF, et al. **Lab Delo** 1985;(1):40-2 (Eng. Abstr.) **(Rus)**

METHODS

An improved sperm immobilization test based on multiple exposure photography. Blumenfeld Z, et al. **Am J Reprod Immunol Microbiol** 1985 Jan;7(1):27-31

Measurements of cell-mediated cytotoxicity on target cells labelled with the indium-111-oxine complex. Smet-Donnay M, et al. **Ann Biol Clin (Paris)** 1985; 43(3):285-8

A sensitive assay of cytotoxicity applicable to mixed cell populations. Duerst RE, et al. **J Immunol Methods** 1985 Sep 3;82(1):39-46

Immune lysis of hepatocytes in culture: accurate detection by aspartate aminotransferase release measurement. Feutren G, et al. **J Immunol Methods** 1984 Dec 14;75(1):85-94

A method for determination of antibody-dependent cellular cytotoxicity (ADCC) of human peripheral mononuclear cells. Wisecarver J, et al. **J Immunol Methods** 1985 May 23;79(2):277-82

Experimental application of a multistep kinetic model for natural cytotoxicity: determination of rate constants for lytic programming and killer-cell-independent lysis. Callewaert DM, et al. **Nat Immun Cell Growth Regul** 1983-84;3(4):210-21

Automated reading of Propidium Iodide lymphocytotoxicity tests for HLA-DR, MB, MT typing. Naipal AM, et al. **Tissue Antigens** 1984 Nov;24(5):302-6

CYTOTOXINS

Amino acid sequence of cytotoxin IIa isolated from the venom of the Indian cobra (Naja naja). Kaneda N, et al. **Biochem Int** 1984 Nov;9(5):603-10

Complete amino acid sequence of the Aspergillus cytotoxin mitogillin. Fernandez-Luna JL, et al. **Biochemistry** 1985 Feb 12;24(4):861-7

ADMINISTRATION & DOSAGE

Evaluation of monoclonal antibodies for the development of breast cancer immunotoxins. Bjorn MJ, et al. **Cancer Res** 1985 Mar;45(3):1214-21

Effects of ricin A chain conjugates of monoclonal antibodies to human alpha-fetoprotein and placental alkaline phosphatase on antigen-producing tumor cells in culture. Tsukazaki K, et al. **Cancer Res** 1985 Apr;45(4):1834-8

Cytotoxic effect of anti-Mr 67,000 protein immunotoxins on human tumors in a nude mouse model. Weil-Hillman G, et al. **Cancer Res** 1985 Mar;45(3):1328-36

ANALYSIS

Monoclonal and specific polyclonal antibodies for immunoassay of Clostridium difficile toxin A. Lyerly DM, et al. **J Clin Microbiol** 1985 Jan;21(1):12-4

Latex agglutination test for detection of Clostridium difficile toxin in stool samples. Shahrabadi MS, et al. **J Clin Microbiol** 1984 Sep;20(3):339-41

Gas chromatographic identification of Clostridium difficile and detection of cytotoxin from a modified selective medium. Levett PN, et al. **J Clin Pathol** 1985 Jan;38(1):82-5

Simplified procedure for tissue culture in routine detection of cytotoxins. Welch AR, et al. **J Clin Pathol** 1985 Jul; 38(7):835-7

Diarrhoea and simultaneous excretion of Clostridium difficile cytotoxin and C perfringens enterotoxin [letter] Borriello SP, et al. **Lancet** 1984 Nov 24;2(8413):1218

Kinetics of cytotoxin production in feces of gnotobiotic mice and rats associated with two strains of Clostridium difficile. Dubos F, et al. **Prog Clin Biol Res** 1985;181:207-9

BIOSYNTHESIS

Evidence for the Pasteurella haemolytica cytotoxin as a product of actively growing bacteria. Shewen PE, et al. **Am J Vet Res** 1985 May;46(5):1212-4

Modulation of cytotoxin production by Clostridium difficile in the intestinal tracts of gnotobiotic mice inoculated with various human intestinal bacteria. Corthier G, et al. **Appl Environ Microbiol** 1985 Jan;49(1):250-2

Production of cytotoxic factor(s) in human T cell lines transformed by a human retrovirus. Hinuma S, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1052-8

Cytotoxic activity of Propionibacterium acnes and other skin organisms. Allaker RP, et al. **Br J Dermatol** 1985 Aug; 113(2):229-35

Production and characterization of cytostatic protein factors released from human monocytes during exposure to lipopolysaccharide and muramyl dipeptide. Kildahl-Andersen O, et al. **Cell Immunol** 1985 Jul; 93(2):375-86

Natural cytotoxicity of human blood monocytes: production of monocyte cytotoxic factors (MCF) during interaction with tumor cells. Uchida A, et al. **Immunol Lett** 1984; 8(6):311-6

Shiga-like cytotoxin production by enteropathogenic Escherichia coli serogroups. Cleary TG, et al. **Infect Immun** 1985 Jan;47(1):335-7

Production and release of toxins A and B by Clostridium difficile. Ketley JM, et al. **J Med Microbiol** 1984 Dec; 18(3):385-91

Kinetics and function of tumor cytotoxic factor(s) produced by human blood monocytes activated to the tumoricidal state. Sone S, et al. **JNCI** 1985 Mar;74(3):583-90

Cytotoxic activity on Chinese hamster ovary cells in culture filtrates of Campylobacter jejuni/coli [letter] Goossens H, et al. **Lancet** 1985 Aug 31;2(8453):511

Cytotoxin production by members of genus Vibrio [letter] Madden JM, et al. **Lancet** 1984 Nov 24;2(8413):1217-8

Cytotoxin and enterotoxin production by Clostridium difficile. Gianfrilli P, et al. **Microbiologica** 1984 Oct; 7(4):375-9

[The effects of sex hormones on Kupffer cell-mediated hepatocytotoxicity] Arai T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):94-9 (Eng. Abstr.) **(Jpn)**

[Possible production of 2 cytotoxins by a strain of Escherichia coli] Zepeda-López HM, et al. **Bol Med Hosp Infant Mex** 1985 May;42(5):310-3 (Eng. Abstr.) **(Spa)**

BLOOD

LDL cytotoxicity. The state of the art. Van Hinsbergh VW. **Atherosclerosis** 1984 Nov;53(2):113-8

IMMUNOLOGY

Human monocyte cytotoxin is not identical with lymphoblastoid lymphotoxin. Matthews N. **Eur J Immunol** 1985 Mar;15(3):311-3

In vitro cytotoxicity to various human tumor cell lines of a tumor cytotoxic factor(s) produced by human alveolar macrophages. Sone S, et al. **Gann** 1984 Oct;75(10):920-8

Immunotoxins: harnessing nature's poisons. Uhr JW. **J Immunol** 1984 Dec;133(6):i-x (118 ref.)

Mononuclear phagocyte system cytotoxins: a review. Lopez-Berestein G, et al. **Nat Immun Cell Growth Regul** 1985;4(2):78-89 (96 ref.)

Use of monoclonal antibodies to a human cytotoxin for its isolation and for examining the self-induction of resistance to this protein. Hahn T, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3814-8

Serum neutralization of cytotoxin from Pasteurella haemolytica, serotype 1 and resistance to experimental bovine pneumonic pasteurellosis. Gentry MJ, et al. **Vet Immunol Immunopathol** 1985 Jul;9(3):239-50

ISOLATION & PURIFICATION

A toxic thionin from Pyrularia pubera: purification, properties, and amino acid sequence. Vernon LP, et al. **Arch Biochem Biophys** 1985 Apr;238(1):18-29

Separation of the cytolytic and mosquitocidal proteins of Bacillus thuringiensis subsp. israelensis. Hurley JM, et al.

Biochem Biophys Res Commun 1985 Jan 31;126(2):961-5

Purification and characterization of an extracellular cytolysin produced by Vibrio vulnificus. Gray LD, et al. **Infect Immun** 1985 Apr;48(1):62-72

Purification and characterization of an extracellular cytolysin produced by Vibrio damsela. Kothary MH, et al. **Infect Immun** 1985 Jul;49(1):25-31

Production and partial characterization of a Vibrio fluvialis cytotoxin. Wall VW, et al. **Infect Immun** 1984 Dec; 46(3):773-7

Necrosin: purification and properties of a cytotoxin derived from a murine macrophage-like cell line. Kull FC Jr, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7932-6

Purification of cytostatic protein factors released from human monocytes. Nissen-Meyer J, et al. **Scand J Immunol** 1984 Oct;20(4):317-25

METABOLISM

Cytotoxic factor(s) released from stimulated mouse peritoneal macrophages. Mørland B. **Acta Pathol Microbiol Immunol Scand [C]** 1985 Jun; 93(3):131-7

Binding of Cerebratulus cytolysin A-III to human erythrocyte membranes. Blumenthal KM. **Biochim Biophys Acta** 1985 Jan 10;812(1):127-32

Immunological and biological stability of immunotoxins in vivo as studied by the clearance of disulfide-linked pokeweed antiviral protein-antibody conjugates from blood. Ramakrishnan S, et al. **Cancer Res** 1985 May; 45(5):2031-6

Anti-tumour cytotoxin from macrophages: no correlation between cytotoxin adsorption by tumour cell lines and their cytotoxin susceptibility. Matthews N. **Immunology** 1984 Nov;53(3):537-43

Acetaminophen metabolism, cytotoxicity, and genotoxicity in rat primary hepatocyte cultures. Milam KM, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):342-7

PHARMACODYNAMICS

Effect of the cytotoxin of Clostridium difficile on cultured hepatoma cells. Rihn B, et al. **Biol Cell** 1985;53(1):23-32

Optimal elimination of leukemic T cells from human bone marrow with T101-ricin A-chain immunotoxin. Casellas P, et al. **Blood** 1985 Feb;65(2):289-97

Inhibitory effect of syphilitic rabbit serum on DNA synthesis in rabbit cells in vitro. Wong GH, et al. **Br J Vener Dis** 1984 Oct;60(5):285-7

Potentiation of cytotoxic activity of immunotoxins on cultured human cells. Akiyama S, et al. **Cancer Res** 1985 Mar;45(3):1005-7

A cytotoxic substance (CTS-51) produced by human buffy coat cultures stimulated by staphylococcal enterotoxin B: specificity to malignant cells and kinetics of action. Hirai N, et al. **Gann** 1985 May;76(5):378-85

Structural changes of liposome phospholipid packing induced by cytotoxin of the Central Asia cobra venom. Aripov TF, et al. **Gen Physiol Biophys** 1984 Dec;3(6):489-96

Effect of dengue virus-induced macrophage cytotoxin on functions of human blood leucocytes. Gulati L, et al. **Indian J Med Res** 1984 Jun;79:709-15

Effects of Pseudomonas aeruginosa cytotoxin on human serum and granulocytes and their microbicidal, phagocytic, and chemotactic functions. Baltch AL, et al. **Infect Immun** 1985 May;48(2):498-506

Pseudomonas aeruginosa cytotoxin stimulates prostacyclin production in cultured pulmonary artery endothelial cells: membrane attack and calcium influx. Suttorp N, et al. **J Cell Physiol** 1985 Apr;123(1):64-72

Carboxylic ionophores enhance the cytotoxic potency of ligand- and antibody-delivered ricin A chain. Raso V, et al. **J Exp Med** 1984 Oct 1;160(4):1234-40

Specific killing of lymphocytes that cause experimental autoimmune myasthenia gravis by ricin toxin-acetylcholine receptor conjugates. Killen JA, et al. **J Immunol** 1984 Nov; 133(5):2549-53

A spectroscopic technique for evaluating sterol-aponin interactions and implications for management of Ptychodiscus brevis red tides. Barltrop J, et al. **Microbios** 1984;41(163):23-9

Effect of aponin, a substance from a green alga Nannochloris species, on the spore germination of two fungi. Halvorson MJ, et al. **Microbios** 1984;41(164):105-13

[Biochemical effects in mice and cytotoxicity in a cultured cell line of the extract of Amanita abrupta] Yamaura Y, et al. **Nippon Eiseigaku Zasshi** 1984 Dec;39(5):855-61 (Eng. Abstr.) **(Jpn)**

SECRETION

Mouse macrophage hybridomas secreting a cytotoxic factor and interleukin 1. Takeda Y, et al. **Cell Immunol** 1985 Feb; 90(2):493-502

TOXICITY

Mycotoxins produced from fungi isolated from foodstuffs and soil: comparison of toxicity in fibroblasts and rat feeding tests. Abbas HK, et al. **Appl Environ Microbiol** 1984 Sep; 48(3):654-61

Differential cytotoxic effects of toxins A and B isolated from Clostridium difficile. Rothman SW, et al. **Infect Immun** 1984 Nov;46(2):324-31

Enhancement of ricin cytotoxicity in Chinese hamster ovary cells by depletion of intracellular K+: evidence for an Na+/H+ exchange system in Chinese hamster ovary cells. Ghosh PC, et al. **J Cell Biol** 1985 Aug;101(2):350-7

The role of 4-bromophenol and 4-bromocatechol in bromobenzene covalent binding and toxicity in isolated rat hepatocytes. Dankovic DA, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):323-31

Some cytotoxic effects of mixtures of simplexin and huratoxin obtained from the desert rice flower, Pimelea simplex. McClure TJ, et al. **Toxicon** 1984;22(5):775-82

2,4-D see **2,4-DICHLOROPHENOXYACETIC ACID**

DAB see **DIMETHYLAMINOAZOBENZENE**

DACARBAZINE

ADMINISTRATION & DOSAGE

Arterial infusion of dacarbazine and cisplatin for recurrent regionally confined melanoma. Frost DB, et al. **Arch Surg** 1985 Apr;120(4):478-80

Changes in T and B lymphocyte subpopulations before, during and after chemotherapy for malignant melanoma. Bernengo MG, et al. **Int J Tissue React** 1984;6(6):505-11

ADVERSE EFFECTS

Veno-occlusive liver disease after dacarbazine therapy (DTIC) for melanoma. Erichsen C, et al. **J Surg Oncol** 1984 Dec;27(4):268-70

[Dacarbazine] van Nispen tot Pannerden EB, et al. **Ned Tijdschr Geneeskd** 1984 Dec 8;128(49):2321 **(Dut)**

[Budd-Chiari syndrome following dacarbazine therapy of malignant melanoma--an avoidable complication?] Leyh F, et al. **Z Hautkr** 1985 Jun 15;60(12):961-72 (Eng. Abstr.) **(Ger)**

ANALOGS & DERIVATIVES

Epigenetic effects of the methylating agent 5-(3-methyl-1-triazeno) imidazole-4-carboxamide in human melanoma cells. Hayward IP, et al. **Aust J Exp Biol Med Sci** 1984 Oct;62 (Pt 5):597-606

Chemical xenogenization of murine lymphoma cells with triazene derivatives: immunotoxicological studies. Nardelli B, et al. **Cancer Immunol Immunother** 1984;17(3):213-7

1-Aryl-3,3-dimethyltriazenes: potential central nervous system active analogues of 5-(3,3-dimethyl-1-triazeno)imidazole-4-carboxamide (DTIC). Farquhar D, et al. **J Med Chem** 1984 Dec; 27(12):1723-7

ANALYSIS

Simultaneous determination of dacarbazine, its photolytic degradation product, 2-azahypoxanthine, and the metabolite 5-aminoimidazole-4-carboxamide in plasma and urine by high-pressure liquid chromatography. Fiore D, et al. **Antimicrob Agents Chemother** 1985 Jun;27(6):977-9

PHARMACODYNAMICS

Chemical xenogenization of murine lymphoma cells with triazene derivatives: immunotoxicological studies. Nardelli B, et al. **Cancer Immunol Immunother** 1984;17(3):213-7

Natural resistance of mice pretreated with 5-(3,3'-dimethyl-1-triazeno)-imidazole-4-carboxamide (DTIC) + cyclophosphamide (Cy) against virus-induced lymphoma cells. Campanile F, et al. **Int J Immunopharmacol** 1984;6(4):251-8

THERAPEUTIC USE

Adjuvant chemotherapy of malignant melanoma. A pilot study. Hansson J, et al. **Am J Clin Oncol** 1985 Feb; 8(1):47-50

A randomized trial of adjuvant chemotherapy and immunotherapy in Stage I and Stage II cutaneous melanoma. An interim report. Sterchi JM, et al. **Cancer** 1985 Feb 15;55(4):707-12

Doxorubicin, dacarbazine, vincristine, and cyclophosphamide in the treatment of advanced gastrointestinal leiomyosarcoma. Choi TK, et al. **Cancer Treat Rep** 1985 Apr;69(4):443-4

Treatment of malignant pheochromocytoma with combination chemotherapy. Keiser HR, et al. **Hypertension** 1985 May-Jun;7(3 Pt 2):I18-24

Controlled study of DTIC versus DTIC plus epirubicin in metastatic malignant melanoma. Lopez M, et al. **Invest New Drugs** 1984;2(3):319-22

Parathyroid carcinoma: biochemical and pathologic response to DTIC. Calandra DB, et al. **Surgery** 1984 Dec; 96(6):1132-7

Infiltration of liver and brain by tumor cells in leukemic mice: prevention by dimethyltriazenes and cyclophosphamide. Sava G, et al. **Tumori** 1984 Dec 31;70(6):477-83

[Results in the use of immunochemotherapy in patients with cutaneous malignant melanoma] Calbo L, et al. **Chir Ital** 1983 Aug;35(4):519-25 (Eng. Abstr.) **(Ita)**

DACRON see **POLYETHYLENE TEREPHTHALATE**

DACRYOCYSTITIS

CONGENITAL

[Primary lacrimal duct probing in congenital dacryocystitis. Disadvantages and alternatives] Steinkogler FJ. **Padiatr Padol** 1985;20(2):185-91 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

Bilateral acute lacrimal sac abscess in a newborn infant. Sen DK. **Indian J Ophthalmol** 1984 Jan-Feb;32(1):25-7

ETIOLOGY

Lacrimal drainage system inflammatory masses from retained silicone tubing. Dresner SC, et al. **Am J Ophthalmol** 1984 Nov;98(5):[illegible]9-13

MICROBIOLOGY

Streptothrix canaliculitis. Abdul Kareem S, et al. **Indian J Ophthalmol** 1984 May-Jun;32(3):179-80

PATHOLOGY

Ectopic lacrimal gland tissue of the orbit and sclerosing dacryoadenitis. Margo CE, et al. **Ophthalmic Surg** 1985 Mar;16(3):178-81

[Case of persistent dacryocanaliculitis with a foreign body in the lumen of the canaliculus] Alieva ZA, et al. **Oftalmol Zh** 1984;(7):445 **(Rus)**

SURGERY

Pediatric dacryocystorhinostomy. Nowinski TS, et al. **Arch Ophthalmol** 1985 Aug;103(8):1226-8

Orbital hemorrhage with proptosis following a dacryocystorhinostomy. Slonim CB, et al. **Ophthalmic Surg** 1984 Sep;15(9):774-5

THERAPY

[Treatment of dacryocystitis of the newborn infant] Ye YF. **Chung Hua Yen Ko Tsa Chih** 1985 Jan;21(1):54-5 **(Chi)**

[Chronic dacryocystitis cured by probing of the duct] Ohtsuka M, et al. **Sangyo Ika Daigaku Zasshi** 1984 Sep 1;6(3):303-6 (Eng. Abstr.) **(Jpn)**

DACTINOMYCIN

31P and two-dimensional 31P/1H correlated NMR spectra of Duplex d(Ap[17O]Gp[18O]Cp[16O]T) and assignment of 31P signals in d(ApGpCpT)2-actinomycin D complex. Gorenstein DG, et al. **Biochemistry** 1984 Dec 18; 23(26):6717-23

The binding of actinomycin D and Adriamycin to supercoiled DNA, single-stranded DNA and polynucleotides. Simpkins H, et al. **Biochim Biophys Acta** 1984 Dec 14;783(3):293-300

Electrochemical and electron spin resonance studies of actinomycin D and other phenoxazones. Nakazawa H, et al. **Biophys Chem** 1985 Feb;21(2):137-43

Actinomycin D, 1H NMR studies on intramolecular interactions and on the planarity of the chromophore. Juretschke HP, et al. **Eur J Biochem** 1984 Sep 17; 143(3):651-8

DNA structural variations produced by actinomycin and distamycin as revealed by DNAase I footprinting. Fox KR, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9271-85

ANALOGS & DERIVATIVES

Application of 7-amino-actinomycin D for the fluorescence microscopical analysis of DNA in cells and polytene chromosomes. Stepanova NG, et al. **Histochem J** 1985 Feb; 17(2):131-42

'Reverse' and 'symmetrical' analogues of actinomycin D: metabolic activation and in vitro and in vivo tumor growth inhibitory activities. Sengupta SK, et al. **J Med Chem** 1985 May;28(5):620-8

Covalent binding of isomeric 7-(2,3-epoxypropoxy)actinomycin D to DNA. Sengupta SK, et al. **J Med Chem** 1984 Nov;27(11):1465-70

[DNA interaction with low molecular weight ligands of different structure. III. DNA complexes with distactins] Krivtsova MA, et al. **Mol Biol (Mosk)** 1984 Jul-Aug; 18(4):950-6 (Eng. Abstr.) **(Rus)**

[Fluorescence microscopic and autoradiographic analyses of the differential reaction of various regions of polytene chromosomes in Chironomus to prolonged exposure to 7-amino-actinomycin D and 3H-actinomycin D] Valeeva FS, et al. **Tsitologiia** 1984 Nov;26(11):1255-61 (Eng. Abstr.) **(Rus)**

ANALYSIS

Intramolecular interactions, mesomerism and dynamics in actinomycin D studied by 15N NMR spectroscopy. Juretschke HP, et al. **Eur J Biochem** 1985 Mar 1; 147(2):313-24

BLOOD

A phase I trial of dactinomycin intravenous infusion in patients with advanced malignancies. Blumenreich MS, et al. **Cancer** 1985 Jul 15;56(2):256-8

DIAGNOSTIC USE

Histological staining by tritiated actinomycin D: a useful tool to study neoplastic cell heterogeneity and estrogen sensitivity of mammary tumors. Kiss R, et al. **Oncology** 1985;42(2):129–32

METABOLISM

Tritiated actinomycin–D staining method: a valuable tool to study oestrogen receptor–induced modifications of transcriptional activity in normal and neoplastic cells. Verrijdt A, et al. **Arch Int Physiol Biochim** 1985 Jun; 93(2):65–73

Identification of a second binding isotherm for actinomycin D–deoxyribonucleic acid at low drug concentrations. Duffy JJ, et al. **Biochem Pharmacol** 1985 May 15; 34(10):1854–6

Neither adriamycin nor actinomycin D displaces Tb3+ from DNA. Stokke T, et al. **Biochim Biophys Acta** 1985 Aug 21;825(4):416–8

Alterations of [3H]actinomycin D binding to axotomized dorsal root ganglion cell nuclei: an autoradiographic method to detect changes in chromatin structure and RNA synthesis. Wells MR. **Exp Neurol** 1984 Nov;86(2):303–12

PHARMACODYNAMICS

Influence of actinomycin–D on the diurnal rhythm of cytoplasmic RNA in the neurocytes of selected nuclei of mouse hypothalamus. Lach H, et al. **Acta Biol Hung** 1984; 35(1):3–9

Changes in ornithine transcarbamylase activity and protein level during perinatal period in rat liver. Effects of actinomycin D. Belbekouche M, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):780–8

Effect of actinomycin–D on the fat body RNA content in Dysdercus koenigii (Heteroptera: Pyrrhocoridae). Vimala Devi PS, et al. **Biochem Int** 1985 May;10(5):787–93

Effects of actinomycin D and cycloheximide on the increase in tyrosinase activity of hamster amelanotic melanoma cells in vitro. Słomiński A, et al. **Biosci Rep** 1984 Dec; 4(12):1059–64

Actinomycin D and cycloheximide actions on activity of some intestinal enzymes of adult hamster. Andrés MD, et al. **Comp Biochem Physiol** [C] 1985;81(2):401–4

Effect of actinomycin D on iodide transport in FRTL–5 thyroid cells. Marcocci C, et al. **Endocrinology** 1984 Dec; 115(6):2123–32

DNA–mediated transfer of actinomycin D resistance into cultured mouse cells. Suárez HG, et al. **Exp Cell Res** 1985 Feb;156(2):553–7

The inhibitory effect of actinomycin D and cycloheximide on the increase in activity of glucose–6–phosphate dehydrogenase and 6–phosphogluconate dehydrogenase in experimentally induced diseased skeletal muscles. Meijer AE, et al. **Histochem J** 1984 Sep;16(9):971–82

Natural cytotoxicity of human blood monocytes and natural killer cells and their cytotoxic factors: discriminating effects of actinomycin D. Uchida A, et al. **Int J Cancer** 1985 May 15;35(5):691–9

The effect of actinomycin D on radiation induced reactions of the lip mucosa of mice. Landuyt W, et al. **Int J Radiat Oncol Biol Phys** 1985 Aug;11(8):1503–12

Effect of glucocorticoids on hexose transport in rat adipocytes. Evidence for decreased transporters in the plasma membrane. Carter–Su C, et al. **J Biol Chem** 1985 Sep 15;260(20):11091–8

Rapid killing of actinomycin D–treated tumor cells by human monocytes. II. Cytotoxicity is independent of secretion of reactive oxygen intermediates and is suppressed by protease inhibitors. Colotta F, et al. **J Immunol** 1985 May; 134(5):3524–31

Effect of actinomycin D on the expression of nuclear antigen SS–B/La. Deng JS, et al. **J Invest Dermatol** 1985 Mar; 84(3):225–8

Blockade by anti–glucocorticoids, actinomycin D and cycloheximide of the anti–inflammatory action of some Kampohozai (Chinese traditional medicines) against serotonin. Amagaya S, et al. **J Pharmacobiodyn** 1984 Oct; 7(10):707–17

Actinomycin D inhibition of monoclonal antibody binding to nucleolar phosphoprotein 37/5.2 (B23). Busch RK, et al. **Life Sci** 1984 Oct 22;35(17):1777–85

Glycogen particles in methionine sulfoximine epileptogenic rodent brain and liver after the administration of methionine and actinomycin D. Delorme P, et al. **Neuropathol Appl Neurobiol** 1985 Mar–Apr;11(2):117–28

Actinomycin and DNA transcription. Sobell HM. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5328–31

Actinomycin D suppresses the protective effect of dexamethasone in rats affected by global cerebral ischemia. Tósaki A, et al. **Stroke** 1985 May–Jun;16(3):501–5

[Morphogenesis of the frontal bone in the chick embryo. Study of induction phenomena] Ballif M, et al. **Bull Assoc Anat (Nancy)** 1984 Jun;68(201):139–44 (Eng. Abstr.) (Fre)

[Interaction of triamcinolone acetonide with Morris hepatoma cells in the presence antibiotics––inhibitors of RNA synthesis] Krasil'nikov MA, et al. **Biokhimiia** 1984 Sep;49(9):1496–501 (Eng. Abstr.) (Rus)

[Effect of hydrophobic compounds on rRNA synthesis in intact cells and isolated nuclei] Akhlynina TV, et al. **Biol Nauki** 1985;(4):27–31 (Eng. Abstr.) (Rus)

[Action of actinomycin D on the nucleolar function and ultrastructure of a pig embryo kidney cell culture] Netesova MA, et al. **Biol Nauki** 1985;(5):55–61 (Eng. Abstr.) (Rus)

[Effect of cycloheximide and actinomycin D on the phospholipid and neutral lipid content of Cunninghamella japonica] Mikhailova MV, et al. **Mikrobiologiia** 1984 Sep–Oct;53(5):816–21 (Eng. Abstr.) (Rus)

[Effect of chloramphenicol and actinomycin D on extracellular alkaline RNAse biosynthesis by Bacillus intermedius] Znamenskaia LV, et al. **Mikrobiologiia** 1984 Sep–Oct;53(5):796–802 (Eng. Abstr.) (Rus)

[Fluorescence microscopic and autoradiographic analyses of the differential reaction of various regions of polytene chromosomes in Chironomus to prolonged exposure to 7–amino–actinomycin D and 3H–actinomycin D] Valeeva FS, et al. **Tsitologiia** 1984 Nov;26(11):1255–61 (Eng. Abstr.) (Rus)

[Effect of actinomycin D on the reproduction of the Machupo virus] Lukashevich IS, et al. **Vopr Virusol** 1984 Sep–Oct;29(5):569–72 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

[Role of chemotherapy in management of molar pregnancy] Kanazawa K, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Feb 20;19(1):32–6 (Eng. Abstr.) (Jpn)

[A case of primary macroglobulinemia responded to actinomycin D and aclacinomycin A] Toyokawa Y, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1239–43 (Eng. Abstr.) (Jpn)

[Chemotherapy in gestational trophoblastic disease] Martinez L, et al. **Rev Chil Obstet Ginecol** 1981;46(3):128–33 (Eng. Abstr.) (Spa)

TOXICITY

Actinomycin D–associated lesions mimicking DNA–DNA interstrand crosslinks detected by alkaline elution in cultured mammalian cells. Fox JM, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2741–7

DAIRY PRODUCTS

Amelioration of the adverse effect of a gastrointestinal challenge with Salmonella enteritidis on weanling rats by a yogurt diet. Hitchins AD, et al. **Am J Clin Nutr** 1985 Jan;41(1):92–100

Lactose malabsorption from yogurt, pasteurized yogurt, sweet acidophilus milk, and cultured milk in lactase–deficient individuals. Savaiano DA, et al. **Am J Clin Nutr** 1984 Dec;40(6):1219–23

Use of D–xylose to detect ingestion of a powdered milk food supplement by family members other than the children 0–2 years of age for whom it was intended. Ferriani MG, et al. **Bull Pan Am Health Organ** 1985;19(1):69–81

Yogurt. Contributory factor in development of nutritional rickets. Saal HM, et al. **Clin Pediatr (Phila)** 1985 Aug; 24(8):452–4

Isolation, screening and characterization of thermophilic Bacillus species isolated from dairy products. Chopra AK, et al. **J Appl Bacteriol** 1984 Oct;57(2):263–71

Detection of post–pasteurization contamination of cream by impedimetric methods. Griffiths MW, et al. **J Appl Bacteriol** 1984 Aug;57(1):107–14

Protective effect of casein toward Salmonella typhimurium in acid–milk. Rubin HE. **J Appl Bacteriol** 1985 Mar; 58(3):251–5

Eightieth annual meeting of the American Dairy Science Association. June 9–12, 1985. Abstracts. **J Dairy Sci** 1985; 68 Suppl 1:45–285

Comparison of calcium– and phosphorus–supplemented soy isolate formula with whey–predominant premature formula in very low birth weight infants. Hall RT, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):571–6

Plasma lipoprotein levels in vegetarians. The effect of ingestion of fats from dairy products. Sacks FM, et al. **JAMA** 1985 Sep 13;254(10):1337–41

Dairy product consumption [letter] Superko HR, et al. **Science** 1984 Nov 9;226(4675):610

[Changes in serum and liver lipids in rats after the short–term use of an atherogenic diet regimen (the effect of Vita yogurt)] Ilinov P, et al. **Eksp Med Morfol** 1984; 23(4):196–200 (Eng. Abstr.) (Bul)

[Effectiveness of using Maliutka and Malysh adapted propionic–acidophilus mixtures in the combined treatment of congenital hypotrophy] Loskutova IE. **Vopr Pitan** 1985 May–Jun;(3):17–20 (Eng. Abstr.) (Rus)

ANALYSIS

Preliminary study of organochlorine compounds in milk products, human milk, and vegetables. Fytianos K, et al. **Bull Environ Contam Toxicol** 1985 Apr;34(4):504–8

Improved liquid chromatographic determination of riboflavin in milk and dairy products. Ashoor SH, et al. **J Assoc Off Anal Chem** 1985 Jul–Aug;68(4):693–6

Improved cleanup for liquid chromatographic analysis and fluorescence detection of aflatoxins M1 and M2 in fluid milk products. Ferguson–Foos J, et al. **J Assoc Off Anal Chem** 1984 Nov–Dec;67(6):1111–4

Direct enzyme–linked immunosorbent assay for determining aflatoxin M1 at picogram levels in dairy products. Fremy JM, et al. **J Assoc Off Anal Chem** 1984 Nov–Dec; 67(6):1098–101

Extraction of organic acids by ion–pair formation with tri–n–octylamine. Part 6. Determination of sorbic acid, benzoic acid, and saccharin in yogurt. Puttemans ML, et al. **J Assoc Off Anal Chem** 1985 Jan–Feb;68(1):80–2

Extraction of organic acids by ion–pair formation with tri–n–octylamine. Part 7. Comparison of methods for extraction of synthetic dyes from yogurt. Puttemans ML, et al. **J Assoc Off Anal Chem** 1985 Jan–Feb;68(1):143–5

Inventory of IDF/ISO/AOAC adopted methods of analysis for milk and milk products. Tuinstra–Lauwaars M, et al. **J Assoc Off Anal Chem** 1984 Nov–Dec;67(6):1152–71

Nutritional value of yogurt. Hewitt D, et al. **J Dairy Res** 1985 Feb;52(1):197–207

[Identification and determination of phosphates in dairy products] Kirst E. **Nahrung** 1985;29(4):391–6 (Eng. Abstr.) (Ger)

[Residues of organic chlorine compounds in Hessian milk products from 1978 to 1982] Steinwandter H, et al. **Z Lebensm Unters Forsch** 1984 Jun;178(6):468–70 (Eng. Abstr.) (Ger)

POISONING

Infective dose of Salmonella typhimurium in cheddar cheese. D'Aoust JY. **Am J Epidemiol** 1985 Oct;122(4):717–20

STANDARDS

[Statistical substantiation of sanitary–bacteriological control of milk products at dairy farms by laboratories of sanitary–epidemiological centers] Korzenko VN, et al. **Gig Sanit** 1985 Jan;(1):48–50 (Rus)

DAIRYING

Abnormal bronchoalveolar lavage in asymptomatic dairy farmers. Study of lymphocytes. Cormier Y, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1046–9

An epidemiological study of trichostrongylidiasis in dairy cattle grazing irrigated pastures. Overend D, et al. **Aust Vet J** 1984 Jun;61(6):169–74

The incidence of cystic ovaries in dairy cattle housed in a total confinement system. Hackett AJ, et al. **Can J Comp Med** 1985 Jan;49(1):55–7

Contact dermatitis caused by Brucella. Trunnell TN, et al. **Cutis** 1985 Apr;35(4):379–81

Eightieth annual meeting of the American Dairy Science Association. June 9–12, 1985. Abstracts. **J Dairy Sci** 1985; 68 Suppl 1:45–285

Raising dairy replacement heifers: a review of NC–119 cooperative research. Clark AK, et al. **J Dairy Sci** 1984 Dec;67(12):3093–8 (40 ref.)

Antibiotic–resistant coliforms in the waste of piggeries and dairy farms. Hanzawa Y, et al. **Nippon Juigaku Zasshi** 1984 Jun;46(3):363–72

Factors influencing the development of serum precipitins to farmer's lung antigen in Quebec dairy farmers. Cormier Y, et al. **Thorax** 1985 Feb;40(2):138–42

A three year herd health and management program on thirty Dutch dairy farms. III. Economic evaluation of fertility control. Dijkhuizen AA, et al. **Vet Q** 1984 Jul;6(3):158–62

A three year herd health and management program on thirty Dutch dairy farms. I. Objectives, methods and main results. Sol J, et al. **Vet Q** 1984 Jul;6(3):141–8

A three year herd health and management program on thirty Dutch dairy farms. II. Culling strategy and losses caused by forced replacement of dairy cows. Sol J, et al. **Vet Q** 1984 Jul;6(3):149–57

A three year herd health and management program on thirty Dutch dairy farms. IV. Special aspects. Sol J, et al. **Vet Q** 1984 Jul;6(3):163–9

[Concepts for increased cooperation of practicing veterinarians in the monitoring of udder health in dairy animal stocks] Merck CC. **Berl Munch Tierarztl Wochenschr** 1984 Jul 1;97(7):229–35 (Eng. Abstr.) (Ger)

[Experiences with dairy cows, sheep and deer as an alternative to dairy animal raising] Coenen J. **Tierarztl Prax** 1984;12(1):1–4 (Ger)

[Provocation test by occupational challenge for hypersensitivity pneumonitis (farmer's lung)] Fujikane T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jul; 22(7):577–83 (Eng. Abstr.) (Jpn)

[Immunological studies in persons occupationally exposed to brucellosis] Stojek NM. **Wiad Lek** 1985 Apr 15; 38(8):572–8 (Eng. Abstr.) (Pol)

[Comparative hygienic evaluation of working conditions of dairy workers at animal husbandry farms with different levels of mechanization of major technological processes] Nikolov SKh, et al. **Gig Sanit** 1984 Aug;(8):22–4 (Eng. Abstr.) (Rus)

[Relation between biochemical components in the blood of cows of various strains and the daily milk yield] Gabriš J, et al. **Vet Med (Praha)** 1985 Apr;30(4):193–200 (Eng. Abstr.) (Slo)

ECONOMICS

Nutritional requirements and economics of lowering feed costs. Bath DL. **J Dairy Sci** 1985 Jun;68(6):1579–84 (26 ref.)

Enhanced reproduction and its economic implications. Britt JH. **J Dairy Sci** 1985 Jun;68(6):1585–92 (26 ref.)

Animal health and management and their impact on economic efficiency. Young CW, et al. **J Dairy Sci** 1985 Jun;68(6):1593–602 (66 ref.)

INSTRUMENTATION

Load on knee joint and knee muscular activity during machine milking. Ekholm J, et al. **Ergonomics** 1985 Apr; 28(4):665–82

Ankle joint load and leg muscle activity in various working postures during machine milking. Svensson O, et al. **Ergonomics** 1985 Apr;28(4):683–98

Scanning electron microscopy of dairy equipment surfaces contaminated by two milk-borne micro-organisms. Speers JG, et al. **J Appl Bacteriol** 1984 Aug;57(1):139–45

Efficacy of an iodine backflush for preventing new intramammary infections. Hogan JS, et al. **J Dairy Sci** 1984 Aug;67(8):1850–9

Bacterial transport within and among various teatcup and cluster assemblies during milking. Magee C, et al. **J Dairy Sci** 1984 Sep;67(9):2034–40

Effect of automatic backflushing on number of new intramammary infections, bacteria on teatcup liners, and milk iodine. Smith TW, et al. **J Dairy Sci** 1985 Feb; 68(2):424–32

[Use of integrated test programs for complex veterinary control of the milking technic. 3. Vacuum conditions in and between milking cups of the milking caroussel type M 691–40] Eichel H, et al. **Arch Exp Veterinarmed** 1985 Mar;39(2):207–13 (Eng. Abstr.) **(Ger)**

METHODS

Investigation on farmer's colostrum feeding methods: habits affecting colostral status in neonatal calves. Pivont P, et al. **Ann Rech Vet** 1984;15(4):509–13

The effect polyethylene intramammary devices on the somatic cell count and milk production of dairy cows. Stephens LR, et al. **Aust Vet J** 1984 Jul;61(7):229–30

Influence of milking frequency on productive and reproductive efficiencies of dairy cows. Amos HE, et al. **J Dairy Sci** 1985 Mar;68(3):732–9

Three or two times daily milking of older cows and first lactation cows for entire lactations. DePeters EJ, et al. **J Dairy Sci** 1985 Jan;68(1):123–32

Effect of infection status on quarter milk production and composition following omitted milking. Fox LK, et al. **J Dairy Sci** 1985 Feb;68(2):418–23

Effects of premilking udder preparation on bacterial population, sediment, and iodine residue in milk. Galton DM, et al. **J Dairy Sci** 1984 Nov;67(11):2580–9

Strategic feeding of high yielding dairy cows. Johnson CL. **Vet Rec** 1984 Sep 15;115(11):270–2

STANDARDS

[Statistical substantiation of sanitary-bacteriological control of milk products at dairy farms by laboratories of sanitary-epidemiological centers] Korzenko VN, et al. **Gig Sanit** 1985 Jan;(1):48–50 **(Rus)**

DAMME see **FK 33–824**

DANAZOL see under **PREGNADIENES**

DANCE THERAPY

[Effects of classes in 'creative movement and pantomime' and 'badminton' on total-body coordination in older dyslexic boys] Schneider FJ. **Rehabilitation (Stuttg)** 1984 Nov;23(4):148–54 (Eng. Abstr.) **(Ger)**

METHODS

Effectiveness of different group structures for schizophrenic, character-disordered, and normal groups. Johnson DR, et al. **Int J Group Psychother** 1984 Jul;34(3):415–29

DANCING

Injuries from break dancing. Norman RA, et al. **Am Fam Physician** 1984 Oct;30(4):109–12

Anomalous muscle in the leg: soleus accessorium. Percy EC, et al. **Am J Sports Med** 1984 Nov–Dec;12(6):447–50

Stenosing tenosynovitis of the flexor hallucis longus tendon in a classical ballet dancer. A case report. Tudisco C, et al. **Am J Sports Med** 1984 Sep–Oct;12(5):403–4

Injuries in classical ballet. Quirk R. **Aust Fam Physician** 1984 Nov;13(11):802–4

Hypermobility and injuries in a professional ballet company. Klemp P, et al. **Br J Sports Med** 1984 Sep;18(3):143–8

Common adolescent dance injuries. Contompasis J. **Clin Podiatry** 1984 Dec;1(3):631–44

Dance medicine. Kravitz SR. **Clin Podiatry** 1984 Aug; 1(2):417–30

Pressures on the foot in pointe shoes. Teitz CC, et al. **Foot Ankle** 1985 Mar–Apr;5(5):216–21

Biomechanical study of bunion deformity and stress produced in classical ballet. Kravitz SR, et al. **J Am Podiatr Med Assoc** 1985 Jul;75(7):338–45

Osseous changes in the second ray of classical ballet dancers. Kravitz SR, et al. **J Am Podiatr Med Assoc** 1985 Jul; 75(7):346–8

Dance floors. A causative factor in dance injuries. Werter R. **J Am Podiatr Med Assoc** 1985 Jul;75(7):355–8

Stretch of the femoral nerve in a dancer. A case report. Miller EH, et al. **J Bone Joint Surg [Am]** 1985 Feb;67(2):315–7

A hypermobility study in ballet dancers. Klemp P, et al. **J Rheumatol** 1984 Oct;11(5):692–6

Cardiorespiratory responses to 'aerobic dance'. Blyth M, et al. **J Sports Med Phys Fitness** 1985 Mar–Jun;25(1–2):57–64

The effect of training frequency of aerobic dance on oxygen uptake, body composition and personality. Johnson S, et al. **J Sports Med Phys Fitness** 1984 Dec;24(4):290–8

Effects of aerobic dancing and walking on cardiovascular function and muscular strength in postmenopausal women. White MK, et al. **J Sports Med Phys Fitness** 1984 Jun; 24(2):159–66

Breaks and other bad breaks for breakers [letter] **JAMA** 1985 Apr 12;253(14):2047

'Break dancers' bursitis' [letter] Broome HE, et al. **JAMA** 1985 Feb 8;253(6):777

Two new causes of alopecia [letter] Copperman SM. **JAMA** 1984 Dec 28;252(24):3367

Injury caused by 'break dancing' [letter] Goscienski PJ, et al. **JAMA** 1984 Dec 28;252(24):3367

Breaker's neck [letter] Ramirez B, et al. **JAMA** 1984 Dec 28;252(24):3366–7

Differential diagnosis of scrotal pain after break dancing [letter] Wheeler RE, et al. **JAMA** 1984 Dec 28;252(24):3366

Bionic ballerinas [editorial] **Lancet** 1985 Aug 31;2(8453):481–2

Physiological characteristics of classical ballet. Schantz PG, et al. **Med Sci Sports Exerc** 1984 Oct;16(5):472–6

An arts infusion intervention model for children with severe handicaps. Sherrill C, et al. **Ment Retard** 1984 Dec; 22(6):316–20

Break-dancing neck [letter] McBride DQ, et al. **N Engl J Med** 1985 Jan 17;312(3):186

Hazards of break dancing [letter] Leung AK. **NY State J Med** 1984 Dec;84(12):592

Breaker's back [letter] Bithoney WG. **Pediatrics** 1985 Mar; 75(3):616

The relationship of heel contact in ascent and descent from jumps to the incidence of shin splints in ballet dancers. Gans A. **Phys Ther** 1985 Aug;65(8):1192–6

Dance--a suitable form of exercise? A physiological appraisal. Pepper MS. **S Afr Med J** 1984 Dec 8;66(23):883–8 (41 ref.)

Break dancer's fracture of the fifth metatarsal [letter] Dieden JD. **West J Med** 1985 Jan;142(1):101

[Fatigue fracture of the tibial head following recreational dancing in a 31-year-old male] Winckler S, et al. **Chirurg** 1984 Nov;55(11):770–1 **(Ger)**

[Characteristics of therapeutic measures in injuries of ballet dancers] Volkov MV, et al. **Ortop Travmatol Protez** 1984 Jul;(7):19–23 (Eng. Abstr.) **(Rus)**

DANDY-WALKER SYNDROME see under **HYDROCEPHALUS**

DANE PARTICLE see **HEPATITIS B VIRUS**

DANGEROUS BEHAVIOR see under **VIOLENCE**

DANITRACEN see under **PIPERIDINES**

DANSYL COMPOUNDS

Introduction of the dansyl group into histidine and tyrosine residues in peptides and proteins. Buchta R, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):350–7

ANALYSIS

Spectrofluorimetric micro-determination of imidazoline derivatives using 1-dimethylaminonaphthalene-5-sulphonyl chloride. Ayad MM, et al. **Analyst** 1984 Nov;109(11):1431–4

Analysis of dansyl derivatives of di- and polyamines in mouse brain, human serum and duodenal biopsy specimens by high-performance liquid chromatography on a standard reversed-phase column. Bontemps J, et al. **J Chromatogr** 1984 Nov 9;311(1):59–67

New high-performance liquid chromatography system for the separation of biogenic amines as their Dns derivatives. Hayman AR, et al. **J Chromatogr** 1985 Jun 7;325(2):462–6

Determination of fatty acids by high-performance liquid chromatography of Dns-ethanolamine derivatives. Ryan PJ, et al. **J Chromatogr** 1984 Nov 16;312:461–6

Stereoselective analysis of D and L dansyl amino acids as the mixed chelate copper(II) complexes by HPLC. Lam S. **J Chromatogr Sci** 1984 Sep;22(9):416–23

DIAGNOSTIC USE

Potential-dependent phase partitioning of fluorescent hydrophobic ions in phospholipid vesicles. Raines DE, et al. **J Membr Biol** 1984;82(3):241–7

IMMUNOLOGY

Restriction in IgM expression--VI. Affinity analysis of monoclonal anti-dansyl antibodies. Fan ST, et al. **Mol Immunol** 1984 Nov;21(11):1023–9

METABOLISM

Internalization of cycloheptaamylose-dansyl chloride complex during labelling of surface membrane in living Paramecium aurelia cells. Giordano PA, et al. **Basic Appl Histochem** 1985;29(2):121–33

Intracellular localization of 12-O-3-N-dansylamino TPA in C3H/10T1/2 mouse cell line. Tran PL, et al. **Carcinogenesis** 1985 Mar;6(3):433–9

Binding of N-dansylgalactosamine to the lectin from Erythrina cristagalli as followed by stopped-flow and pressure-jump relaxation kinetics. De Boeck H, et al. **Eur J Biochem** 1985 May 15;149(1):141–5

PHARMACODYNAMICS

Lactose repressor protein modified with dansyl chloride: activity effects and fluorescence properties. Hsieh WT, et al. **Biochemistry** 1985 Jun 4;24(12):3043–9

pH dependence of phosphate transport across the red blood cell membrane after modification by dansyl chloride. Berghout A, et al. **Biochim Biophys Acta** 1985 May 14; 815(2):281–6

Membrane-specific inhibitors of the bovine heart mitochondrial ATPase. Feldman RI, et al. **Biochim Biophys Acta** 1985 Feb 22;806(2):277–82

Biological activity of a fluorescent 12-O-tetradecanoyl-phorbol-13-acetate derivative. Honikman-Leban E, et al. **Gann** 1984 Sep;75(9):729–31

[Thermitase--a thermostable serine protease. VI. Kinetic and fluorescence studies on the interaction of the enzymes with dansylated peptide chloromethylketones] Peters K, et al. **Biomed Biochim Acta** 1984;43(7):909–18 (Eng. Abstr.) **(Ger)**

DANTROLENE

ADMINISTRATION & DOSAGE

Prophylactic and therapeutic doses of dantrolene for malignant hyperthermia [letter] Flewellen EH, et al. **Anesthesiology** 1984 Oct;61(4):477

[Treatment of malignant hyperthermia by dantrolene sodium administered through a nasogastric tube] Nagase M, et al. **Masui** 1984 Sep;33(9):1021–6 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Prolonged vecuronium neuromuscular blockade in a patient receiving orally administered dantrolene. Driessen JJ, et al. **Anesthesiology** 1985 Apr;62(4):523–4

PHARMACODYNAMICS

Inhibitors of Ca2+ release from the isolated sarcoplasmic reticulum. II. The effects of dantrolene on Ca2+ release induced by caffeine, Ca2+ and depolarization. Danko S, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):18–24

Differential effects of D600, nifedipine and dantrolene sodium on excitation-secretion coupling and presynaptic beta-adrenoceptor responses in rat atria. Callanan KM, et al. **Br J Pharmacol** 1984 Nov;83(3):841–7

Action of dantrolene sodium on electrical and mechanical activity of guinea-pig ventricular muscles. Hiraoka M, et al. **Jpn J Physiol** 1985;35(1):123–38

Effects of dantrolene sodium on occlusion and reperfusion arrhythmias in the canine heart. Pelleg A, et al. **Methods Find Exp Clin Pharmacol** 1985 May;7(5):239–43

SUPPLY & DISTRIBUTION

Availability of dantrolene in Canadian hospitals [editorial] Duncan PG. **Can Anaesth Soc J** 1985 May;32(3 Pt 1):205–9 **(Eng, Fre)**

THERAPEUTIC USE

Dantrolene--a new therapeutic approach to the neuroleptic malignant syndrome. Bismuth C, et al. **Acta Neurol Scand [Suppl]** 1984;100:193–8

Verapamil is not a therapeutic adjunct to dantrolene in porcine malignant hyperthermia. Gallant EM, et al. **Anesth Analg** 1985 Jun;64(6):601–6

Adjunctive use of dantrolene in severe tetanus. Tidyman M, et al. **Anesth Analg** 1985 May;64(5):538–40

Long-term treatment with dantrolene sodium of stroke patients with spasticity limiting the return of function. Ketel WB, et al. **Curr Med Res Opin** 1984;9(3):161–9

Resolution of neuroleptic malignant syndrome with dantrolene sodium: case report. Khan A, et al. **J Clin Psychiatry** 1985 Jun;46(6):244–6

[Dantrolene in the treatment of life-threatening psychiatric disease pictures. A contribution to the therapy of the malignant neuroleptic syndrome and acute febrile catatonia] Schulte-Sasse U, et al. **Dtsch Med Wochenschr** 1985 Mar 22;110(12):457–61 (Eng. Abstr.) **(Ger)**

[Electroconvulsive and dantrolene treatment of acute febrile catatonia. A case report] Renfordt E, et al. **Nervenarzt** 1985 Mar;56(3):153–6 **(Ger)**

[A case of malignant hyperthermia; successful treatment with intravenous dantrolene sodium] Noda B, et al. **Masui** 1985 Jun;34(6):822–7 (Eng. Abstr.) **(Jpn)**

TOXICITY

Dantrolene sodium intravenous--verapamil [letter] Bezer G. **Anaesth Intensive Care** 1985 Feb;13(1):108

DAPHNIA

ANATOMY & HISTOLOGY

Computer reconstruction of all the neurons in the optic ganglion of Daphnia magna. Sims SJ, et al. **J Comp Neurol** 1985 Mar 1;233(1):12-29

DRUG EFFECTS

Acute and chronic toxicity of technical picloram (4-amino-3,5,6-trichloropicolinic acid) to Daphnia magna Straus. Gersich FM, et al. **Bull Environ Contam Toxicol** 1985 Jul;35(1):121-6

Effect of suspended bentonite clay on the acute toxicity of glyphosate to Daphnia pulex and Lemna minor. Hartman WA, et al. **Bull Environ Contam Toxicol** 1984 Sep;33(3):355-61

Selenium effects on antennal integrity and chronic copper toxicity in Daphnia pulex (deGeer). Winner RW. **Bull Environ Contam Toxicol** 1984 Nov;33(5):605-11

The effects of cadmium on ALA-D activity, growth and haemoglobin content in the water flea, Daphnia magna. Berglind R. **Comp Biochem Physiol [C]** 1985;80(2):407-10

The water flea (Daphnia magna) as a sensitive indicator for the assessment of toxicity of synthetic detergents. Lal H, et al. **Ecotoxicol Environ Safety** 1984 Oct;8(5):447-50

The use of cohorts and populations in chronic toxicity studies with Daphnia magna: a cadmium example. van Leeuwen CJ, et al. **Ecotoxicol Environ Safety** 1985 Feb;9(1):26-39

METABOLISM

Toxic impact of effluents from petrochemical industry. Nikunen E. **Ecotoxicol Environ Safety** 1985 Feb;9(1):84-91

PHYSIOLOGY

Inorganic chemical composition of trout food pellets and alfalfa used to sustain Daphnia magna Straus. Cowgill UM, et al. **Bull Environ Contam Toxicol** 1985 Jun;34(6):890-6

Acute toxicity of hydrazine hydrate to the fathead minnow (Pimephales promelas) and daphnid (Daphnia pulex). Velte JS. **Bull Environ Contam Toxicol** 1984 Nov;33(5):598-604

Effects of copper on growth, reproduction, survival and haemoglobin in Daphnia magna. Dave G. **Comp Biochem Physiol [C]** 1984;78(2):439-43

Effects of waterborne iron on growth, reproduction, survival and haemoglobin in Daphnia magna. Dave G. **Comp Biochem Physiol [C]** 1984;78(2):433-8

Effects of fluoride on growth, reproduction and survival in Daphnia magna. Dave G. **Comp Biochem Physiol [C]** 1984;78(2):425-31

The effects of lead on delta-aminolevulinic acid dehydratase activity, growth, hemoglobin content, and reproduction in Daphnia magna. Berglind R, et al. **Ecotoxicol Environ Safety** 1985 Apr;9(2):216-29

Water fleas as population model [news] Lawton JH. **Nature** 1985 Aug 15-21;316(6029):577-8

Effects of crepuscular photoenvironment on light-induced behavior of Daphnia. Grover PB Jr, et al. **Physiol Behav** 1984 Nov;33(5):729-32

[Daphnia magna Straus as consumers of enteropathogenic bacteria] Avtsyn AP, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):478-80 (Eng. Abstr.) **(Rus)**

DAPSONE

'Drug-resistant proportion test' for M. leprae to quantify the proportion of drug-resistant M. leprae in a sample using the mouse foot pad. Almeida JG, et al. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4):468-70

ADMINISTRATION & DOSAGE

Prothionamide and dapsone therapy in leprosy--a clinical study. Kundu SK, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):90-6

Oral zinc as an adjunct to dapsone in lepromatous leprosy. Mathur NK, et al. **Int J Lepr** 1984 Sep;52(3):331-8

Haematological safety of long-term malarial prophylaxis with dapsone-pyrimethamine. Cook IF, et al. **Med J Aust** 1985 Aug 19;143(4):139-41

[Clinico-experimental substantiation of the complex treatment of patients with pyoderma using dimocifone] Bukharovich AM, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):14-9 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

The neurotoxicity of dapsone. Daneshmend TK. **Adverse Drug React Acute Poisoning Rev** 1984 Spring;3(1):43-58 (58 ref.)

Dapsone and aplastic anemia [letter] Foucauld J, et al. **Ann Intern Med** 1985 Jan;102(1):139

Vitamin E and dapsone-induced hemolysis. Kelly JW, et al. **Arch Dermatol** 1984 Dec;120(12):1582-4

Dapsone and Heinz bodies [letter] Rosove MH, et al. **Arch Dermatol** 1985 Jan;121(1):25

Proliferation of IgD kappa plasma cells after agranulocytosis induced by dapsone. Lahuerta-Palacios JJ, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):282-3

The dapsone syndrome. A case report. Gupta CM, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):193-5

Incidence of anemia in leprosy patients treated with dapsone. Puavilai S, et al. **J Med Assoc Thai** 1984 Jul;67(7):404-7

Rheumatoid arthritis: the effects of treatment with dapsone on hemoglobin. Grindulis KA, et al. **J Rheumatol** 1984 Dec;11(6):776-8

Hypersensitivity reaction to dapsone: report from Malaysia. Mohamed KN. **Lepr Rev** 1984 Dec;55(4):385-9

Maloprim--general toxicity or idiosyncrasy? [letter] Vergara RV. **Papua New Guinea Med J** 1984 Mar;27(1):46

[Toxic methemoglobinemia following the postoperative ingestion of 4,4-diaminodiphenylsulfone (DADPS)—on the differential diagnosis of cyanosis] Frucht U, et al. **Anasth Intensivther Notfallmed** 1985 Feb;20(1):22-4 (Eng. Abstr.) **(Ger)**

ANALOGS & DERIVATIVES

Activities of respository preparations of cycloguanil pamoate and 4,4'-diacetyldiaminodiphenylsulfone, alone and in combination, against infections with Plasmodium cynomolgi in rhesus monkeys. Schmidt LH, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):611-42

ANALYSIS

An improved bioassay for the qualitative detection of sulphonamide and dapsone residues. Nouws JF, et al. **Vet Q** 1985 Jan;7(1):76-8

BLOOD

Binding of dapsone and its analogues to human serum albumin. Karp WB, et al. **J Pharm Sci** 1985 Jun;74(6):690-1

METABOLISM

Cimetidine and dapsone acetylation. Wright JT Jr, et al. **Drug Metab Dispos** 1984 Nov-Dec;12(6):782-3

Permeation of lipophilic drugs through synthetic elastomers. Bruck SD, et al. **Med Prog Technol** 1983-84;10(3):161-9

PHARMACODYNAMICS

Reduction of neutrophil-mediated injury to pulmonary endothelial cells by dapsone. Martin WJ 2d, et al. **Am Rev Respir Dis** 1985 Apr;131(4):544-7

Enhancement by clofazimine and inhibition by dapsone of production of prostaglandin E2 by human polymorphonuclear leukocytes in vitro. Anderson R. **Antimicrob Agents Chemother** 1985 Feb;27(2):257-62

Dapsone and oxygen intermediates [letter] Miyachi Y. **Br J Dermatol** 1985 Feb;112(2):246

The mouse footpad test--sensitive to small proportions of drug-resistant bacilli in a sample of M. leprae. Almeida JG, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):10-4

Primary dapsone resistant leprosy in Nepal. Samuel NM, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):819-22

Prevalence of secondary dapsone resistance in Nepal. Samuel NM, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):823-7

Drug sensitivity testing of M. leprae [letter] Grosset J, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):118-21

DDS-resistant leprosy [letter] Neelan PN, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):115-8

Prevalence of secondary dapsone-resistant leprosy in Upper Volta. Pattyn SR, et al. **Lepr Rev** 1984 Dec;55(4):361-7

[Effect of DDS on inducible enzymes, ammonia consumption and synthesis of photoinducible pigment in mycobacteria] Tarnok I, et al. **Bull Int Union Tuberc** 1984 Sep;59(3):150-2 **(Fre)**

[Observation of antileprotic drug resistance] Ishihara S, et al. **Nippon Rai Gakkai Zasshi** 1984 Oct-Dec;53(4):200-4 (Eng. Abstr.) **(Jpn)**

POISONING

Accidental dapsone poisoning in children. Nair PM, et al. **Ann Trop Paediatr** 1984 Dec;4(4):241-2

Acute dapsone intoxication: a case treated with continuous infusion of methylene blue, forced diuresis and plasma exchange. Berlin G, et al. **J Toxicol Clin Toxicol** 1984-85;22(6):537-48

THERAPEUTIC USE

Dapsone and human polymorphonuclear leucocyte chemotaxis in dermatitis herpetiformis. Millar BW, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):433-6

Dapsone in the treatment of Kaposi's sarcoma. Poulsen A, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):561-3

A comparative study of four rodent systems to monitor initial therapy of lepromatous leprosy: in search of a more sensitive system to assess bacterial viability. Gelber RH, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):319-25

Efficacy of diaminodiphenylsulfone and other drugs in murine Pneumocystis carinii pneumonitis. Hughes WT, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):436-40

Eosinophilic pustular folliculitis (Ofuji's disease) with response to dapsone therapy. Steffen C. **Arch Dermatol** 1985 Jul;121(7):921-3

Dapsone for the treatment of bullous pemphigoid. Piamphongsant T. **Asian Pac J Allergy Immunol** 1983 Jun;1(1):19-21

Effectiveness of dapsone in Behcet's disease [letter] Convit J, et al. **Br J Dermatol** 1984 Nov;111(5):629-30

Granuloma faciale: the role of dapsone and prior irradiation on the cause of the disease. Goldner R, et al. **Cutis** 1984 May;33(5):478-9, 482

Erythema annulare centrifugum as the presenting sign of the hypereosinophilic syndrome: observations on therapy. Shelley WB, et al. **Cutis** 1985 Jan;35(1):53-5

Dapsone resistance in patients attending Central Leprosy Teaching and Research Institute, Chengalpattu (South India). Bhatia VN, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):587-94

Once monthly rifampicin (1200 mg) plus daily dapsone (100 mg) and clofazimine (100 mg) in the initial treatment of lepromatous leprosy. Chandorkar AG, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):63-70

Experience with two drug regimen in paucibacillary leprosy--preliminary report. Kaur S, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):48-9

Acid fast bacilli in lymph node aspirate and smears from ear lobules and fingers in long treated patients. Kumar B, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):71-7

Evaluation of multidrug therapy with rifampicin, clofazimine and D.D.S. in multibacillary leprosy cases. Kundu SK, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):78-85

Role of Dapsone in chemotherapy of leprosy--a comparison of responses to therapy in two cohorts in 1960s and 1970s. Reddy BN, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):912-8

Rationale of the multidrug regimens recommended by a World Health Organization Study Group on Chemotherapy of Leprosy for Control Programs. Ellard GA. **Int J Lepr** 1984 Sep;52(3):395-401

Relapse rates among nonlepromatous patients released from control. Jesudasan K, et al. **Int J Lepr** 1984 Sep;52(3):304-10

Comparative study of two regimens of combined chemotherapy of one year duration in multibacillary leprosy. Results after four and five years' follow-up. Pattyn SR, et al. **Int J Lepr** 1984 Sep;52(3):297-303

Primary dapsone-resistant leprosy in San Francisco. Gelber RH. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4):471-4

Six cases of dapsone-resistant tuberculoid leprosy [letter] Pearson JM, et al. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4):534-5

Relapse rate and incidence of dapsone resistance in lepromatous leprosy patients in Addis Ababa: risk factors and effect of short-term supplementary treatment. Warndorff van Diepen T, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):189-97

Dapsone in the treatment of erosive lichen planus. Falk DK, et al. **J Am Acad Dermatol** 1985 Mar;12(3):567-70

Annular subacute cutaneous lupus erythematosus responsive to dapsone. McCormack LS, et al. **J Am Acad Dermatol** 1984 Sep;11(3):397-401

Dapsone for AIDS-associated Kaposi's sarcoma [letter] Hruza GJ, et al. **Lancet** 1985 Mar 16;1(8429):642

Multidrug therapy for leprosy in Trinidad and Tobago: a preliminary report. Keeler RF. **Lepr Rev** 1984 Dec;55(4):391-6

Malaria prophylaxis for travellers [letter] Cook IF. **Med J Aust** 1985 Apr 1;142(7):427

Inadequate prophylaxis of malaria with dapsone-pyrimethamine. Cook IF. **Med J Aust** 1985 Mar 18;142(6):340-2

Dapsone in the treatment of presumed brown recluse spider bite of the eyelid. Wesley RE, et al. **Ophthalmic Surg** 1985 Feb;16(2):116-7, 120

Cicatricial pemphigoid in a 6-year-old child: report of a case and review of the literature. Rosenbaum MM, et al. **Pediatr Dermatol** 1984 Jul;2(1):13-22 (46 ref.)

Dapsone resistant leprosy, the western Kenya experience. Orege PA, et al. **Trop Geogr Med** 1985 Jun;37(2):139-42

[Survey on the prevalence rate of dapsone-resistant leprosy in the Yangzhou district] Li WZ, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb;6(1):59-61 (Eng. Abstr.) **(Chi)**

[Initial results of prospective controlled treatment trials in leprosy] Pattyn SR. **Verh K Acad Geneeskd Belg** 1984;46(3):207-19 (Eng. Abstr.) **(Dut)**

[Treatment of chronic lupus erythematosus with dapsone (letter)] Nguyen-Van-Ut. **Ann Dermatol Venereol** 1984;111(12):1125 **(Fre)**

[Treatment of cicatrical pemphigoid with DDS] Mashkilleison AL, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):37-9 (Eng. Abstr.) **(Rus)**

TOXICITY

Evaluation of the neurotoxicity of dapsone in the mouse model. Kamala AN, et al. **Ind J Lepr** 1984 Apr-Jun;56(2):251-6

Mutagenicity of N-acetyl and N,N'-diacetyl derivatives of 3 aromatic amines used as epoxy-resin hardeners. Tanaka K, et al. **Mutat Res** 1985 May-Jun;143(1-2):11-5

URINE

On urine spot test for dapsone intake [letter] Huikeshoven H. **Ind J Lepr** 1985 Jan-Mar;57(1):221-5

Comparative value of Dapsone 'spot test' and Dapsone 'tile test' in leprosy control programme. Naik SS. **Ind J Lepr** 1984 Oct-Dec;56(4):847-51

DARIER'S DISEASE see **KERATOSIS FOLLICULARIS**

DARK ADAPTATION

Pupillary constriction to darkness. Price MJ, et al.

Br J Ophthalmol 1985 Mar;69(3):205-11

Primary biliary cirrhosis, dark adaptometry, electro-oculography, and vitamin A state. Shepherd AN, et al. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1484-5

Benzodiazepine receptors in the visual structures of monocularly deprived rats. Effect of light and dark adaptation. Rothe T, et al. **Brain Res** 1985 Mar 11; 329(1-2):143-50

Direct intracellular measurement of non-linear postreceptor transfer functions in dark and light adaptation in Limulus. Wang LT, et al. **Brain Res** 1985 Feb 25;328(1):41-50

Photoreceptoral basis for altered dark-adaptation in retinal degeneration (RCS) rats. Low JC. **Curr Eye Res** 1984 Sep; 3(9):1079-83

Adenine nucleotide and P-creatine levels in layers of frog retina as a function of dark and light adaptation. Barbehenn EK, et al. **Exp Eye Res** 1985 May;40(5):675-86

Synaptic lamellae of the photoreceptors of pearl and wild-type mice. Williams MA, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):992-1001

Light-induced changes in GTP and ATP in frog rod photoreceptors. Comparison with recovery of dark current and light sensitivity during dark adaptation. Biernbaum MS, et al. **J Gen Physiol** 1985 Jan;85(1):107-21

Wavelength dependence of dark adaptation in Phycomyces phototropism. Galland P, et al. **J Gen Physiol** 1984 Nov; 84(5):739-51

Cat medial interlaminar nucleus: retinotopy, relation to tapetum and implications for scotopic vision. Lee C, et al. **J Neurophysiol** 1984 Nov;52(5):848-69

Ontogenetic changes in the cyclic adenosine 3',5'-monophosphate-stimulatable phosphorylation of cat visual cortex proteins, particularly of microtubule-associated protein 2 (MAP 2): effects of normal and dark rearing and of the exposure to light. Aoki C, et al. **J Neurosci** 1985 Sep;5(9):2465-83

Spatial contrast sensitivity of dark-reared cats with striate cortex lesions. Lehmkuhle S, et al. **J Neurosci** 1984 Oct; 4(10):2419-24

Dark adaptation in long-distance runners. Bailey JE, et al. **J Sports Med Phys Fitness** 1984 Jun;24(2):135-8

The scotopic threshold of the human retina during static physical effort. Abraham FA, et al. **Ophthalmic Res** 1984; 16(6):322-4

Scotopic threshold of the human retina during dynamic physical effort. Abraham FA, et al. **Ophthalmic Res** 1984; 16(6):334-6

Electron microscopic observations on the pecten of the nighthawk (Chordeiles minor). Braekevelt CR. **Ophthalmologica** 1984;189(4):211-20

Heat generated by the dark-adapted squid retina in response to light pulses. Tasaki I, et al. **Science** 1985 Feb 8; 227(4687):654-5

Night myopia. Hope GM, et al. **Surv Ophthalmol** 1984 Sep-Oct;29(2):129-36

Interocular transfer and dark adaptation to long-wave test lights. Auerbach E, et al. **Vision Res** 1984;24(9):1043-8

Visual pigments and the labile scotopic visual system of fish. Beatty DD. **Vision Res** 1984;24(11):1563-73 (95 ref.)

The early phase of dark adaptation in human infants. Dannemiller JL. **Vision Res** 1985;25(2):207-12

[Dark adaptation in myopia] Yao K. **Chung Hua Yen Ko Tsa Chih** 1984 Sep;20(5):291-5 **(Chi)**

[Function studies of the organ of sight in welders of the M-5 Division at the brown coal mine in Belchatów] Goś R, et al. **Med Pr** 1984;35(3):223-6 (Eng. Abstr.) **(Pol)**

[Dark adaptation of the photoreceptors in the isolated frog retina during induced lipid peroxidation] Akopian GKh, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):665-7 (Eng. Abstr.) **(Rus)**

[Dark adaptation with eyeglasses and contact lens correction in patients with high myopia] Zhivotovskii LD. **Oftalmol Zh** 1985;(3):164-5 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Dopamine inhibits forskolin- and 3-isobutyl-1-methylxanthine-induced dark-adaptive retinomotor movements in isolated teleost retinas. Dearry A, et al. **J Neurochem** 1985 Jun;44(6):1753-63

Octopamine enhances dark-adaptation in Limulus ventral photoreceptors. O'Day PM, et al. **J Neurosci** 1985 Jun; 5(6):1490-6

DARKNESS

Labelled leucine uptake in the visual cells and pigment epithelium of young albino rats in response to different light-dark cycles. Chan KW, et al. **Acta Histochem (Jena)** 1984;75(1):1-8

Effect of constant light and darkness on the circadian rhythms in rats. II. Plasma renin activity and insulin concentration. Ikonomov OC, et al. **Acta Physiol Pharmacol Bulg** 1985;11(1):55-61

Insomnia during the 'dark period' in northern Norway. An explorative, controlled trial with light treatment. Lingjaerde O, et al. **Acta Psychiatr Scand** 1985 May; 71(5):506-12

Night myopia. Seymore RJ. **Am Fam Physician** 1985 Jun; 31(6):105-8

Morphometric analysis of the pineal complex of the golden hamster over a 24-hour light:dark cycle: II. The deep pineal in untreated and optically enucleated animals. Dombrowski TA, et al. **Am J Anat** 1984 Dec;171(4):369-76

Morphometric analysis of the pineal complex of the golden hamster over a 24-hour light:dark cycle: I. The superficial pineal in untreated and optically enucleated animals. Dombrowski TA, et al. **Am J Anat** 1984 Dec;171(4):359-68

Light and dark adaptation of halorhodopsin. Kamo N, et al. **Arch Biochem Biophys** 1985 Apr;238(1):90-6

Effects of an advance of darkness on the ovulatory cycle of the hen. Wilson SC, et al. **Br Poult Sci** 1985 Jan; 26(1):83-96

Influence of dark-rearing on the ontogenetic development of Sarotherodon mossambicus (Cichlidae, Teleostei): I. Effects on body weight, body growth pattern, swimming activity and visual acuity. Zeutzius I, et al. **Exp Biol** 1984; 43(2):77-85

Influence of dark-rearing on the ontogenetic development of Sarotherodon mossambicus (Cichlidae, Teleostei): II. Effects on allometrical growth relations and differentiation of the optic tectum. Zeutzius I, et al. **Exp Biol** 1984; 43(2):87-96

Effect of temperature and darkness on testosterone concentration in the testes of intact frogs (Rana esculenta) treated with gonadotrophin-releasing hormone analog (HOE 766). Pierantoni R, et al. **Gen Comp Endocrinol** 1985 Apr;58(1):128-30

Objective determination of dark adaptation: accuracy of the evoked potential method. Airas K, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(2):63-5

Regulation of nitrogen fixation in Rhodospirillum rubrum grown under dark, fermentative conditions. Schultz JE, et al. **J Bacteriol** 1985 Jun;162(3):1322-4

Differential effect of thiol oxidants on the chloroplast H+-ATPase in the light and in the dark. Shahak Y. **J Biol Chem** 1985 Feb 10;260(3):1459-64

Effects of continuous light and dark exposure on hypothalamic thyrotropin-releasing hormone in rats. Martino E, et al. **J Endocrinol Invest** 1985 Feb;8(1):31-3

Rapid nocturnal increase in ovine pineal N-acetyltransferase activity and melatonin synthesis: effects of cycloheximide. Namboodiri MA, et al. **J Neurochem** 1985 Sep;45(3):832-5

Adrenal function affects morphine-induced feeding during dark period, but not during light period in rats. Kunihara M, et al. **Jpn J Pharmacol** 1984 Sep;36(1):67-75

Diurnal changes in peripheral melatonin concentration in goats and effects of light or dark interruption. Maeda K, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):837-42

Changes in the brain and core temperatures in relation to the various arousal states in rats in the light and dark periods of the day. Obál F Jr, et al. **Pflugers Arch** 1985 May;404(1):73-9

Passive and active avoidance behavior in the light-dark box test. Ambrogi Lorenzini C, et al. **Physiol Behav** 1984 Apr; 32(4):687-9

Responsiveness and receptive field size of carp horizontal cells are reduced by prolonged darkness and dopamine. Mangel SC, et al. **Science** 1985 Sep 13;229(4718):1107-9

The gecko visual pigment: the dark exchange of chromophore. Crescitelli F. **Vision Res** 1984;24(11):1551-3

[Effect of the duration of exposure of animals to light and dark regimes on the level of tumor radiosensitivity] Vasil'eva GS, et al. **Med Radiol (Mosk)** 1985 Mar; 30(3):71-4 **(Rus)**

ADVERSE EFFECTS

Dark-induced cone outer segment damage in the neon tetra (Paracheirodon innesi). Lythgoe JN, et al. **Exp Eye Res** 1984 Nov;39(5):629-37

Early prolonged light-deprivation in hooded rats: deficits in two visual discrimination paradigms. Caspy T, et al. **Int J Psychophysiol** 1983 Aug;1(1):83-9

DATA BANKS see **INFORMATION SYSTEMS**

DATA COLLECTION

Tests for departure from normal in laboratory data. Rossing RG, et al. **Am J Clin Pathol** 1985 May;83(5):642-6

Improved information for the NHS. Körner E. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1635-6

Heroin users: notifications to the Home Office Addict's Index by general practitioners. Robertson JR, et al. **Br Med J [Clin Res]** 1985 Jul 13;291(6488):111-3

A comparative analysis of two methods for the study of alcohol intake in Mexico. Natera G, et al. **Drug Alcohol Depend** 1985 May;15(1-2):165-75

Methodological considerations for research on late life future temporal perspective. Rakowski W. **Int J Aging Hum Dev** 1984-85;19(1):25-40

Kinematic and force data collection in biomechanics by means of sonic emitters—I: Kinematic data collection methodology. Engin AE, et al. **J Biomech Eng** 1984 Aug; 106(3):204-11

The impact of health and safety committees. A study based on survey, interview, and Occupational Safety and Health Administration data. Boden LI, et al. **J Occup Med** 1984 Nov;26(11):829-34

International data collection and interpretation: a review. Parkin DM. **Leuk Res** 1985;9(6):661-8

Under-estimation of problem drinking through the survey method. Garretsen HF. **Med Law** 1984;3(4):399-404

Policy of the Minnesota Medical Association on data collection and dissemination. **Minn Med** 1985 Feb; 68(2):124-7

Dietary intake data: usefulness and limitations. Roberge AG, et al. **Prog Food Nutr Sci** 1984;8(1-2):27-42 (78 ref.)

How much data should be collected in a clinical trial? Experience of the coronary drug project. Canner PL. **Stat Med** 1984 Oct-Dec;3(4):423-33

Microcomputer applications in health population surveys: experience and potential in developing countries. Bertrand WE. **World Health Stat Q** 1985;38(1):91-100 **(Eng, Fre)**

Two rounds of a rural health survey in Ethiopia, 1982-1983: need, objectives, preparations, data collection and evaluation of quality. Tekle-Haimanot M. **World Health Stat Q** 1985;38(1):107-26 **(Eng, Fre)**

Health surveys: who, why and what? White KL. **World Health Stat Q** 1985;38(1):2-14 **(Eng, Fre)**

[Measurement of error and evaluation of epidemiologic data] Xue YJ. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Jun;6(3):166-9 (Eng. Abstr.) **(Chi)**

[Collection of data concerning child health services. Experience of the Pediatric Division of the University Health Section of Cheraga] Grangaud JP, et al. **Arch Belg** 1984;42(1-2):80-102 **(Fre)**

INSTRUMENTATION

A low-cost chromatograph data-collection system. Littler JS, et al. **Biochem Soc Trans** 1984 Dec;12(6):991-3

METHODS

Maximizing the efficiency of a study on alcohol-related birth defects by means of data collection and analytic strategy dissociation. Sokol RJ, et al. **Am J Perinatol** 1985 Jul; 2(3):245-9

The development of a gynecology data collection system. Williams TG, et al. **Am J Perinatol** 1985 Jul;2(3):259-60

The effects of respondent rules on health survey reports. Mathiowetz NA, et al. **Am J Public Health** 1985 Jun; 75(6):639-44

How accurate are medical records in detecting patient problems? Kamien M, et al. **Aust Fam Physician** 1984 Oct; 13(10):738-41

Collection and analysis of pedigree data. Goldgar DE. **Birth Defects** 1984;20(6):61-76

Constructing an effective questionnaire. Venne V. **Birth Defects** 1984;20(6):130-1

Measurement of the quality of life after cancer treatment. Selby P. **Br J Hosp Med** 1985 May;33(5):266-71

Accuracy of occupational histories obtained from wives. Coggon D, et al. **Br J Ind Med** 1985 Aug;42(8):563-4

Collection and validation of data in the United Kingdom Atomic Energy Authority mortality study. Fraser P, et al. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):435-9

Perinatal mortality surveys [editorial] Macfarlane A. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1473-4

Lifestyle assessment: applying microcomputers in family practice. Skinner HA, et al. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):212-4

Use of a viewdata system to collect data from a multicentre clinical trial in anaesthesia. Waldron HA, et al. **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1059-61

Use of a home-based microcomputer to analyze community data from reported cases of child abuse and neglect. Ditson J, et al. **Child Abuse Negl** 1984;8(4):503-9

Review of the use of routine statistical sources for the detection of occupational health surveillance with particular reference to the UK and Scandinavia. Fox AJ, et al. **Community Health Stud** 1984;8(3 Suppl):28-37

Proposals for epidemiological surveillance of occupational health in Australia. Roder D. **Community Health Stud** 1984; 8(3 Suppl):38-44

A note on data monitoring, incomplete data and curtailed testing. Pasternack BS. **Controlled Clin Trials** 1984 Sep; 5(3):217-22

Rare element telephone screening (RETS): a procedure for augmenting the number of black elderly in national samples. Gibson RC, et al. **Gerontologist** 1984 Oct;24(5):477-82

Census tract predictors of physical, psychological, and social functioning for needs assessment. Satin MS, et al. **Health Serv Res** 1985 Aug;20(3):341-58

A lottery procedure to obtain alcoholics' self-reports after discharge. Eriksen L, et al. **J Behav Ther Exp Psychiatry** 1984 Jun;15(2):147-51

A new approach to tuberculosis notification. Shanks NJ, et al. **J Epidemiol Community Health** 1984 Dec;38(4):331-4

Field Methods: Research in the natural setting. Wilson HS. **J Nurs Adm** 1985 Apr;15(4):5-7

Use of company stock ownership records to locate subjects lost to follow-up. Nelson NA. **J Occup Med** 1984 Oct; 26(10):737-9

Using end-stage renal disease facility surveys to monitor end-stage renal disease program trends. The Data Committee of the National Forum of End-Stage Renal Disease Networks. **JAMA** 1985 Oct 4;254(13):1776-80

The validity of self-reported physician utilization measures. Cleary PD, et al. **Med Care** 1984 Sep;22(9):796-803

The telephone survey: a procedure for assessing educational needs of nurses. Hash V, et al. **Nurs Res** 1985 Mar-Apr; 34(2):126-8

Monitoring health in Los Angeles County. Janis JM, et al. **Public Health Rep** 1985 Jul-Aug;100(4):393-401

Comparison of participants and non-participants in a population study of injuries. The Study of Men Born in 1913 and 1923. Carlsson GS, et al. **Scand J Soc Med** 1985; 13(1):15–22

Analyzing surveys on deaf adults: implications for survey research on persons with disabilities. Schroedel JG. **Soc Sci Med** 1984;19(6):219–27

The Swiss Health Survey Project (SOMIPOPS): an example of a data collection effort from various sources. Gutzwiller F, et al. **Soz Praventivmed** 1985;30(2):76–9

Integrating health-related data from various sources: combining surveys, records and routine data. Schach E. **Soz Praventivmed** 1985;30(2):68–71

[Studies on malaria surveillance methods in the final stage of malaria eradication in Kaili County, Guizhou] Liu XK, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):209–11 (Eng. Abstr.) **(Chi)**

[Recording of clinical data: choice of methods of collection and natures of the research project] Chanoit PF, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):795–801 **(Fre)**

[Participation of medical practitioners of a French region in an epidemiologic survey of morbidity] Hatton F, et al. **Arch Belg** 1984;42(1–2):26–37 **(Fre)**

[Participation of personnel at basic health centers in epidemiologic surveillance programs. Realization of a survey on 'Evaluation of Community health'] Khadraoui S. **Arch Belg** 1984;42(1–2):103–16 **(Fre)**

[Registration of morbidity data by a network of 'spotter' general physicians] Thiers G, et al. **Arch Belg** 1984; 42(1–2):38–49 **(Fre)**

[Peptic ulcer: proposal of a data collection chart for electronic processing] Favretti F, et al. **Chir Ital** 1982 Dec; 34(6):950–62 (Eng. Abstr.) **(Ita)**

[Protocol for collection and storage of intraoperative anesthetic data using a microprocessor] Toro Jiménez MJ, et al. **Rev Esp Anestesiol Reanim** 1985 Mar–Apr;32(2):70–2 (Eng. Abstr.) **(Spa)**

STANDARDS

Application of industrial hygiene air sampling data to the evaluation of controls for air contaminants. Heitbrink WA, et al. **Am Ind Hyg Assoc J** 1984 Nov;45(11):773–7

Is it possible to overcome completely the problem of the poor quality of cancer mortality data? [letter] Randovanović Z. **Arch Geschwulstforsch** 1985; 55(4):299–300

Interpretation and presentation of results. Chickens will come home to roost. Beattie A, et al. **Aust Fam Physician** 1984 Jun;13(6):429–30

Data needs growing for health care purchasers. Dickens B, et al. **Hospitals** 1985 Jun 16;59(12):90–2, 96

Approaches to cleaning data sets: a technical comment. Barhyte DY, et al. **Nurs Res** 1985 Jan–Feb;34(1):62–4

TRENDS

Response rates in British general population surveys of alcohol consumption: a comparison. Crawford A. **Alcohol Alcohol** 1984;19(2):141–5

DATA DISPLAY

Prolonged complementary chromatopsia in users of video display terminals [letter] Greenwald MJ, et al. **Am J Ophthalmol** 1985 Jun 15;99(6):735–7

Prolonged complementary chromatopsia in users of video display terminals. Khan JA, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):756–8

Computer-assisted composition and reproduction of ophthalmic documentation. Rosenwasser GO, et al. **Am J Ophthalmol** 1985 Jun 15;99(6):711–4

Prolonged complementary chromatopsia in users of video display terminals [letter] Walraven J. **Am J Ophthalmol** 1985 Aug 15;100(2):350–2

Low dose ventriculography using a poor man's video image processor. Janssen JH. **Angiology** 1985 May;36(5):271–4

Foetal bradycardia diagnosis display using intrinsic dimensions. Hernández C, et al. **Australas Phys Eng Sci Med** 1984 Jul–Sep;7(3):108–11

Three dimensional display of the cardiac blood pool. Jackson PC, et al. **Australas Phys Eng Sci Med** 1984 Jul–Sep; 7(3):115–9

Displays, deja vu. Huntoon RB. **Aviat Space Environ Med** 1985 Feb;56(2):131–7

Color discrimination as a function of saturation, field size, and adaptation level. Ward FE, et al. **Aviat Space Environ Med** 1985 Mar;56(3):251–3

A method for reconstructing patterns of somatosensory cerebral cortical activity. Tommerdahl M, et al. **Biomed Sci Instrum** 1985;21:93–8

A simple data display for qualitative assessment of esophageal transit. Ham HR, et al. **Clin Nucl Med** 1985 Jul;10(7):483–5

An electronic peak flow meter with optional coded display. Richardson RB, et al. **Clin Phys Physiol Meas** 1984 Aug; 5(3):201–6

Setting occupational health standards in Australia: the case of screen-based equipment operators' eyesight tests. Hocking B. **Community Health Stud** 1985;9(2):139–44

Recording media for the EEG. Ives JR. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985;37:61–72

Transient myopia after visual work. Jaschinski-Kruza W. **Ergonomics** 1984 Nov;27(11):1181–9

Visual accommodation changes in VDU-operators related to environmental lighting and screen quality. Shahnavaz H, et al. **Ergonomics** 1984 Oct;27(10):1071–82

Software ergonomics: effects of computer application design parameters on operator task performance and health. Turner JA, et al. **Ergonomics** 1984 Jun;27(6):663–90 (81 ref.)

A study of VDU operators' information processing based on saccadic eye movement and response time. Yamamoto S. **Ergonomics** 1985 Jun;28(6):855–67

Data entry on a computer terminal: repetitive work strains on the oculomotor and central nervous systems. Lille F, et al. **Eur J Applied Physiol** 1984;53(2):164–8

The distribution of a pulsed very low frequency electric field around video display terminals. Marha K, et al. **Health Phys** 1985 Sep;49(3):517–21

Effect of glare on performance of a VDT reading-comprehension task. Garcia KD, et al. **Hum Factors** 1985 Apr;27(2):163–73

Short-term changes in eyestrain of VDU users as a function of age. Hedman LR, et al. **Hum Factors** 1984 Jun; 26(3):357–70

Text-editing performance with partial-line, partial-page, and full-page displays. Neal AS, et al. **Hum Factors** 1984 Aug; 26(4):431–41

Effects of adjustable furniture on VDT users. Shute SJ, et al. **Hum Factors** 1984 Apr;26(2):157–70

Correlates of ocular and somatic symptoms among video display terminal users. Smith AB, et al. **Hum Factors** 1984 Apr;26(2):143–56

An information transmission analysis of signal flash rate discriminability. Tolin P. **Hum Factors** 1984 Aug; 26(4):489–93

Development of image analysis demonstration packages with MENU: educational aspects. Hasman A, et al. **Int J Biomed Comput** 1984 Nov–Dec;15(6):443–59

Computer-assisted corneal topography. High-resolution graphic presentation and analysis of keratoscopy. Klyce SD. **Invest Ophthalmol Vis Sci** 1984 Dec;25(12):1426–35

Terminal illness [letter] Feldman LR, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):366

Meeting the eye care needs of video display terminal operators. Miller SC. **J Am Optom Assoc** 1984 Aug; 55(8):611–8

Computer graphics: buying the right chips. Jolly B. **J Audiov Media Med** 1984 Oct;7(4):144–5

An infrared system for the detection of a pigeon's pecks at alphanumeric characters on a TV screen: the dependency of letter detection on the predictability of one letter by another. Clauson HD, et al. **J Exp Anal Behav** 1985 Mar; 43(2):257–64

Efficacy of a real-time digital disk in the digital lightbox. Gray M, et al. **J Med Syst** 1984 Jun;8(3):189–95

Computer-assisted analyses of [14C]2-DG autoradiographs employing a general purpose image processing system. Porro C, et al. **J Neurosci Methods** 1984 Sep;11(4):243–50

Data acquisition using a scintillation detector interfaced to a personal microcomputer. Davis L, et al. **J Nucl Med** 1985 Jan;26(1):85–7

VDUs and relative annoyance from high frequency noise [letter] Chatterjee DS, et al. **J Occup Med** 1984 Aug; 26(8):552–3

Relating posture to discomfort in VDT use. Starr SJ, et al. **J Occup Med** 1985 Apr;27(4):269–71

Videotex in medicine: discussion paper. Strickland-Hodge B. **J R Soc Med** 1985 Apr;78(4):315–8

Speculations on the origin of the ill-effects associated with the use of visual display terminals. Mawson AR. **J Theor Biol** 1985 May 21;114(2):223–41

Uncomfortable images [editorial] **Lancet** 1985 Jan 12; 1(8420):85–7

Visual display units and epilepsy [letter] Jeavons PM, et al. **Lancet** 1985 Feb 2;1(8423):287

Birth defects and video display terminals [letter] Kurppa K, et al. **Lancet** 1984 Dec 8;2(8415):1339

PIC-MAN: a single-input control drawing program for the Apple II. Fraser Shein G, et al. **Med Biol Eng Comput** 1984 Nov;22(6):615–7

Computer graphics and numerical techniques in the measurement of movements within cells. Jordan MM, et al. **Med Biol Eng Comput** 1985 Jan;23(1):48–54

Visual characteristics of negative-type seven-segment liquid crystal numerical display devices. Uesako H, et al. **Med Inf (Lond)** 1985 Jan–Mar;10(1):73–6

The design and use of a charting system for automatic record keeping during extracorporeal circulation. Oomen J, et al. **Med Prog Technol** 1985;10(4):239–47

Displays in nuclear medicine. Barber DC. **Nucl Med Commun** 1984 Jun;5(6):361–72

A comparison of two methods for assessing the performance of the display system of a clinical radioisotope imaging device. Rajalakshmi PK, et al. **Phys Med Biol** 1985 Apr; 30(4):293–301

Visual display units and health. Aldridge JF. **Practitioner** 1985 Jun;229(1404):539–45

Influence of VDT (visual display terminals) work on eye accommodation. Kurimoto S, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 1;5(1):101–10

Video display terminals and health. A technical and medical appraisal of the state of the art. Bergqvist UO. **Scand J Work Environ Health** 1984;10 Suppl 2:1–87

Visual difficulties from video display terminals. Haik KG **South Med J** 1985 Jul;78(7):887–8

Estimates of validity of projection approximation for three-dimensional reconstructions at high resolution. Cohen HA, et al. **Ultramicroscopy** 1984;14(3):219–26

Representations of rapidly oscillating structures on the Doppler display. Holen J, et al. **Ultrasound Med Biol** 1985 Mar–Apr;11(2):267–72

[Bildschirmtext-Btx (the interactive videotex information system of the West German Postal Service): a medium for rehabilitation? Decision-making aids for the user] Herbert H. **Rehabilitation (Stuttg)** 1984 Nov;23(4):155–9 (Eng. Abstr.) **(Ger)**

[Consequences of presbyopia for the dynamics of sight and work at a terminal] Krueger H. **Soz Praventivmed** 1984; 29(4–5):190–1 (Eng. Abstr.) **(Ger)**

[Mental work load on VDT operation under a self-paced working condition—a case of programmers using VDT] Hasegawa T, et al. **Ann Physiol Anthropol** 1984 Oct; 3(4):311–7 (Eng. Abstr.) **(Jpn)**

[Detection of the presence of Kent bundle in type B of Wolff-Parkinson-White syndrome: application of the automatic display system of epicardial mapping] Kawamura T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Oct; 32(10):1835–40 (Eng. Abstr.) **(Jpn)**

[Application of data processing. a. Development of echocardiography] Omoto R. **Nippon Rinsho** 1984 Dec; 42(12):2753–63 (24 ref.) **(Jpn)**

[Application of data processing. c. CT X RAY of coronary and great vessels] Sakuma I, et al. **Nippon Rinsho** 1984 Dec;42(12):2770–4 (20 ref.) **(Jpn)**

[Application of data processing. b. Digital subtraction angiography] Takamiya M, et al. **Nippon Rinsho** 1984 Dec; 42(12):2764–9 (14 ref.) **(Jpn)**

[Diagnostic imaging by radioisotopes. General theories (II) Introduction to digital image analysis] Matsuyama T. **Radioisotopes** 1984 Nov;33(11):824–33 (11 ref.) **(Jpn)**

[Effects of visual and mental strain on VDT (visual display terminal) performance] Kumashiro M, et al. **Sangyo Igaku** 1984 Mar;26(2):105–11 (Eng. Abstr.) **(Jpn)**

[An experimental study on the duration of a single spell of work on VDT (visual display terminal) performance] Misawa T, et al. **Sangyo Igaku** 1984 Jul;26(4):296–302 (Eng. Abstr.) **(Jpn)**

[Functional state of the cardiovascular system in female students of technical institutes while working with instructional computer displays] Gel'tishcheva EA. **Gig Tr Prof Zabol** 1985 Jun;(6):50–1 **(Rus)**

[Graphic representation of physiologic parameters on digital computers] Turkulov D, et al. **Med Pregl** 1983; 36(11–12):485–9 (Eng. Abstr.) **(Ser)**

[The health insurance study: No increased risk for fetal abnormalities in women working with video display terminals] Ericson A, et al. **Lakartidningen** 1985 Jun 5; 82(23):2180–4 **(Swe)**

INSTRUMENTATION

Raster display using an electronic circuit (stepper), technical note. Zapata-Ferrer AR, et al. **Bol Estud Med Biol** 1983 Jul–Oct;32(7–8):427–32 **(Eng, Spa)**

METHODS

Graphics composition of fundus data. Pruett RC. **Am J Ophthalmol** 1984 Dec 15;98(6):728–31

The value of graphic reconstructions—comparison with scanning electron microscopy. Wenink AC, et al. **Anat Rec** 1984 Nov;210(3):537–40

DATA PROCESSING, AUTOMATIC see **AUTOMATIC DATA PROCESSING**

DATA SYSTEMS see **INFORMATION SYSTEMS**

DATAPHONE see under **TELEPHONE**

DATURA see **STRAMONIUM**

DAUNOMYCIN see **DAUNORUBICIN**

DAUNORUBICIN

Iron(III)-adriamycin and Iron(III)-daunorubicin complexes: physicochemical characteristics, interaction with DNA, and antitumor activity. Beraldo H, et al. **Biochemistry** 1985 Jan 15;24(2):284–9

Kinetics of the daunomycin—DNA interaction. Chaires JB, et al. **Biochemistry** 1985 Jan 15;24(2):260–7

Physicochemical studies of the iron(III)-carminomycin complex and evidence of the lack of stimulated superoxide production by NADH dehydrogenase. Fiallo MM, et al. **Biochim Biophys Acta** 1985 May 29;840(1):91–8

New anthracycline glycosides obtained by the nitrous acid deamination of daunorubicin, doxorubicin and their configurational analogues. Cassinelli G, et al. **J Antibiot (Tokyo)** 1985 Jul;38(7):856–67

ADMINISTRATION & DOSAGE

Suppression of human alpha-foetoprotein-producing hepatocellular carcinoma growth in nude mice by an anti alpha-foetoprotein antibody-daunorubicin conjugate with a poly-L-glutamic acid derivative as intermediate drug carrier. Tsukada Y, et al. **Br J Cancer** 1985 Jul;52(1):111–6

ACTH 1-17 effects in acute myeloid leukemia. Arcese W, et al. **Ric Clin Lab** 1984 Apr-Jun;14(2):199-203

High-dose cytosine arabinoside and daunomycin as primary therapy for adults with acute nonlymphoblastic leukemia: a pilot study. Forman SJ, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):114-6

Daunorubicin-albumin copolymer targeting to leukemic cells in vitro and in vivo. Lagueux J, et al. **Semin Oncol** 1984 Dec;11(4 Suppl 3):59-63

Chemotherapy with daunorubicin-anti-CEA conjugates in human colon adenocarcinoma grafted in nude mice. Pagé M, et al. **Semin Oncol** 1984 Dec;11(4 Suppl 3):56-8

Targeting of daunorubicin by association with DNA or proteins: a review. Trouet A, et al. **Semin Oncol** 1984 Dec;11(4 Suppl 3):64-72 (37 ref.)

[Drug targeting with allogeneic IgG in patients with disseminated neuroblastoma] Melino G, et al. **Clin Ter** 1984 Aug 15;110(3):203-8 (Eng. Abstr.) **(Ita)**

[Possible use of exclusive ghosts of autologous erythrocytes for directed transport of antibiotics] Gening TP, et al. **Antibiot Med Biotekhnol** 1985 Feb;30(2):101-2 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Managing skin damage induced by doxorubicin hydrochloride and daunorubicin hydrochloride. Cox RF. **Am J Hosp Pharm** 1984 Nov;41(11):2410-4

Perioperative complications in patients with anthracycline chemotherapeutic agents. Burrows FA, et al. **Can Anaesth Soc J** 1985 Mar;32(2):149-57

Evidence of fibrinogen breakdown by leukocyte enzymes in a patient with acute promyelocytic leukemia. Sterrenberg L, et al. **Haemostasis** 1985;15(2):126-33

Early onset of daunomycin cardiotoxicity in a case of acute myelogeneous leukemia associated with Sweet's syndrome. Imamura N, et al. **Hiroshima J Med Sci** 1985 Jun;34(2):253-6

[Cardiotoxic effect of anthracycline antibiotics] Jovanović I, et al. **Bilt Hematol Transfuz** 1983;11(2-3):51-7 (Eng. Abstr.) **(Ser)**

ANALOGS & DERIVATIVES

Quantitation of anthracycline antitumor agent menogarol in plasma using liquid chromatography with fluorescence detection. McGovren JP, et al. **Anal Chem** 1984 Aug;56(9):1587-90

Toxicological studies with a novel synthetic anthracycline, the bis-hydrazone bridged analog of 4-demethoxydaunorubicin (SC-33428). Zbinden G, et al. **Arzneimittelforsch** 1984;34(10):1298-301

Kinetics of dissociation of nogalamycin from DNA: comparison with other anthracycline antibiotics. Fox KR, et al. **Biochim Biophys Acta** 1985 Jul 5;840(3):383-92

Evidence of different binding sites for nogalamycin in DNA revealed by association kinetics. Fox KR, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):162-8

Intravenous and oral demethoxydaunorubicin (NSC 256-439) in the treatment of acute leukemia and lymphoma: a pilot study. Eridani S, et al. **Blut** 1985 Jun;50(6):369-72

4-Demethoxydaunorubicin (Idarubicin) in refractory or relapsed acute leukemias. A pilot study. Carella AM, et al. **Cancer** 1985 Apr 1;55(7):1452-4

Phase-II trial of 4-demethoxydaunorubicin (DMDR) for advanced hypernephroma. Scher HI, et al. **Cancer Chemother Pharmacol** 1985;14(1):79-80

Phase I and II clinical and pharmacological study of 4-demethoxydaunorubicin (idarubicin) in adult patients with acute leukemia. Daghestani AN, et al. **Cancer Res** 1985 Mar;45(3):1408-12

Cell surface effects of adriamycin and carminomycin immobilized on cross-linked polyvinyl alcohol. Wingard LB Jr, et al. **Cancer Res** 1985 Aug;45(8):3529-36

Phase II study of 4-demethoxydaunorubicin in patients with adenocarcinoma of the upper gastrointestinal tract. Einzig A, et al. **Cancer Treat Rep** 1984 Nov;68(11):1415-6

Phase II study of 4-demethoxydaunorubicin in advanced ovarian carcinoma. Hakes TB, et al. **Cancer Treat Rep** 1985 May;69(5):559-60

Phase II trial of 4-demethoxydaunorubicin in patients with advanced malignant melanoma. Stanton G, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):915-6

Oxyhalogenation of glycals for the synthesis of anti-tumor-active 2'-halo daunorubicin analogs. Horton D, et al. **Carbohydr Res** 1985 Feb 28;136:391-6

Synthesis and antitumor activity of 3'-C-methyl-daunorubicin. Thang TT, et al. **Carbohydr Res** 1985 Jan 15;135(2):241-7

Phase I-II evaluation of carminomycin in adults with acute leukemia. Debusscher L, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):31-4

Effect of 4-demethoxydaunorubicin (4-DMDR) in chronic myeloid leukemia in blastic transformation and relapsed acute leukemias. Bandini G, et al. **Haematologica (Pavia)** 1985 Mar-Apr;70(2):155-9

4-Demethoxydaunorubicin (idarubicin) in refractory or relapsed acute leukemias [letter] Carella AM, et al. **Haematologica (Pavia)** 1984 Nov-Dec;69(6):767-8

Phase I trial of Idarubicin (4-demethoxydaunorubicin) in adult acute leukemia. Hayat M, et al. **Invest New Drugs** 1984;2(4):375-9

Phase I trial of 4-demethoxydaunorubicin (idarubicin) with single oral doses. Kaplan S, et al. **Invest New Drugs** 1984;2(3):281-6

Menogaril: a new anthracycline agent entering clinical trials. McGovren JP, et al. **Invest New Drugs** 1984;2(4):359-67

Phase II study of carminomycin in a human tumor cloning assay. Rozencweig M, et al. **Invest New Drugs** 1984;2(3):267-70

Simplified toxicologic monitoring of adriamycin, its major metabolites and nogalamycin by reverse-phase high pressure liquid chromatography, Part I: Analytical techniques for isolated human plasma. Quattrone AJ, et al. **J Anal Toxicol** 1980 Jan-Feb;4(1):12-5

New anthracycline glycosides obtained by the nitrous acid deamination of daunorubicin, doxorubicin and their configurational analogues. Cassinelli G, et al. **J Antibiot (Tokyo)** 1985 Jul;38(7):856-67

Sugar-ring analogs of daunorubicin: 3'-epidaunorubicin, 3'-hydroxy-3',5'-diepidaunorubicin and 3',6'-dihydroxy-3',5'-diepidaunorubicin. Cheung TM, et al. **J Antibiot (Tokyo)** 1985 May;38(5):683-6

3'-Deamino-4'-epi-3'-hydroxy-daunorubicin and -doxorubicin. Synthesis and antitumor activity. Horton D, et al. **J Antibiot (Tokyo)** 1984 Dec;37(12):1635-41

The synthesis and antitumor activity of N-glycosyl derivatives of daunorubicin. Stefańska B, et al. **J Antibiot (Tokyo)** 1984 Oct;37(10):1213-6

Total chemical synthesis and antitumor evaluation of 4-demethoxy-10,10-dimethyldaunomycin. Alexander J, et al. **J Med Chem** 1984 Oct;27(10):1343-7

A new series of reductive amination derivatives of daunorubicin: syntheses, partition coefficients, and DNA binding. Yen SF, et al. **J Pharm Sci** 1984 Nov;73(11):1575-9

Idarubicin alone or in combination with cytarabine and etoposide (3 + 3 + 5 protocol) in acute non-lymphoblastic leukaemia [letter] Carella AM, et al. **Leuk Res** 1985;9(5):631

Thiol-dependent DNA damage produced by anthracycline-iron complexes. The structure-activity relationships and molecular mechanisms. Muindi J, et al. **Mol Pharmacol** 1985 Mar;27(3):356-65

Potential anticancer agents--nitroxyl derivatives of Rubomycin. Emanuel NM, et al. **Neoplasma** 1985;32(3):285-92

DNA binding, cardiac superoxide production and cytotoxicity of daunomycin analogs. Nachtman JP, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jan;47(1):73-83

Modification by genetic changes of the pleiotropic interference of butyrolactone-type autoregulators with differentiation of Streptomyces griseus. Gräfe U, et al. **Z Allg Mikrobiol** 1984;24(8):515-2[illegible]

[Electrochemical reduction of the anthracycline antibiotic 5-iminodaunorubicin. Isolation and structural clarification of the reduction products] Tresselt D, et al. **Pharmazie** 1984 Jun;39(6):417-9 (Eng. Abstr.) **(Ger)**

[Morphological and ultrastructural indicators of early cardiotoxicity in rats after the administration of rubidomycin and its derivatives] Chibowski D, et al. **Patol Pol** 1984 Oct-Dec;35(4):453-79 (Eng. Abstr.) **(Pol)**

[Comparative evaluation of the myelotoxic action of rubomycin, adriamycin and carminomycin by their delayed effects in an experiment] Fursov SE, et al. **Antibiot Med Biotekhnol** 1985 Apr;30(4):284-8 (Eng. Abstr.) **(Rus)**

[Hemopoietic precursor cells during the development of carminomycin resistance] Kozinets GI, et al. **Eksp Onkol** 1985;7(1):48-52 (Eng. Abstr.) **(Rus)**

[Colony-forming ability of bone marrow hematopoietic cells in mice with transplanted leukemia during administration of carminomycin] Kozinets GI, et al. **Eksp Onkol** 1984;6(5):59-62 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

[Experimental nephrotic hyperlipidemia induced in rats by daunorubicin and effects of KCD-232[4-(4'-chlorobenzyloxy)benzyl nicotinate] on lipid metabolism] Okada K, et al. **Nippon Yakurigaku Zasshi** 1985 May;85(5):347-56 (Eng. Abstr.) **(Jpn)**

BIOSYNTHESIS

Fermentation by a new daunomycin-producing organism, Streptomyces insignis ATCC 31913. Tunac JB, et al. **Appl Environ Microbiol** 1985 Feb;49(2):265-8

BLOOD

Leukocyte uptake of daunomycin. Styrt B, et al. **Drug Metab Dispos** 1984 Nov-Dec;12(6):790-1

[Concentration and pharmacokinetics of daunorubicin in leukemic cells in vivo (letter)] Trillet V, et al. **Presse Med** 1985 May 18;14(20):1153 **(Fre)**

CHEMICAL SYNTHESIS

Sugar-ring analogs of daunorubicin: 3'-epidaunorubicin, 3'-hydroxy-3',5'-diepidaunorubicin and 3',6'-dihydroxy-3',5'-diepidaunorubicin. Cheung TM, et al. **J Antibiot (Tokyo)** 1985 May;38(5):683-6

A novel method of conjugation of daunomycin with antibody with a poly-L-glutamic acid derivative as intermediate drug carrier. An anti-alpha-fetoprotein antibody-daunomycin conjugate. Kato Y, et al. **J Med Chem** 1984 Dec;27(12):1602-7

METABOLISM

Characterization of digoxin binding and daunorubicin uptake by isolated mature rat cardiac myocytes. Capps NE, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):1957-61

Thermodynamics of the daunomycin-DNA interaction: ionic strength dependence of the enthalpy and entropy. Chaires JB. **Biopolymers** 1985 Feb;24(2):403-19

Kinetics and sensitivity of daunorubicin in patients with acute leukemia. DeGregorio MW, et al. **Cancer Chemother Pharmacol** 1984;13(3):230-4

Uptake and metabolism of daunorubicin by human myelocytic cells. Vasanthakumar G, et al. **Cancer Chemother Pharmacol** 1985;15(1):35-9

Daunorubicin accumulation by human myeloblasts varying in anthracycline resistance. Kessel D, et al. **Cancer Lett** 1984 Oct;24(3):305-9

Differences in the pharmacokinetics of daunomycin in normal and leukemic rats. Nooter K, et al. **Cancer Res** 1985 Sep;45(9):4020-5

Promotion of daunorubicin uptake and toxicity by the calcium antagonist tiapamil and its analogs. Kessel D, et al. **Cancer Treat Rep** 1985 Jun;69(6):673-6

500 MHz 1H-NMR study of the interaction of daunomycin with B and Z helices of d(CGm5CGCG). Neumann JM, et al. **FEBS Lett** 1985 Mar 25;182(2):360-4

Clinical pharmacology of daunorubicin in phase I patients with solid tumors: development of an analytical methodology for daunorubicin and its metabolites. Rahman A, et al. **Semin Oncol** 1984 Dec;11(4 Suppl 3):36-44

Clinical pharmacology of daunorubicin in patients with acute leukemia. Riggs CE Jr. **Semin Oncol** 1984 Dec;11(4 Suppl 3):2-11 (44 ref.)

[Mechanism of daunorubicin interaction with DNA] Brikenshtein VKh, et al. **Antibiot Med Biotekhnol** 1985 Feb;30(2):90-6 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

On the inhibition of the RNA polymerase-catalysed synthesis of RNA by daunomycin. Interference of the inhibitor with elongation and pre-longation steps. Kriebardis T, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):914-20

Acute energetic effects of daunomycin on rabbit heart muscle. Gibbs CL. **J Cardiovasc Pharmacol** 1985 May-Jun;7(3):556-61

Selective inhibition of cardiac cyclic nucleotide phosphodiesterases by doxorubicin and daunorubicin. Law J, et al. **Life Sci** 1985 Feb 11;36(6):589-99

[In vitro activity of several cytostatic drugs against aerobic and anaerobic intestinal bacteria] Vetere A, et al. **Boll Ist Sieroter Milan** 1984;63(6):505-9 (Eng. Abstr.) **(Ita)**

[Cytophotometric study of the granules formed in frog erythrocytes incubated in solutions of acridine orange, chloroquine and daunorubicin] Veselkina MN, et al. **Tsitologiia** 1984 Nov;26(11):1267-72 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Photoinduced reactions of anthraquinone antitumor agents with peptides and nucleic acid bases: an electron spin resonance and spin trapping study. Carmichael AJ, et al. **Arch Biochem Biophys** 1985 Mar;237(2):433-44

THERAPEUTIC USE

Two-cycle timed-sequential chemotherapy for adult acute nonlymphocytic leukemia. Vaughan WP, et al. **Blood** 1984 Nov;64(5):975-80

High-dose cytosine arabinoside and daunorubicin as consolidation therapy for acute nonlymphocytic leukemia in first remission: a pilot study. Wolff SN, et al. **Blood** 1985 Jun;65(6):1407-11

Daunomycin in the treatment of experimental proliferative vitreoretinopathy. Effective doses in vitro and in vivo. Wiedemann P, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):719-25

Phase II study of daunorubicin in previously untreated patients with advanced colorectal carcinoma. Harvey J, et al. **Med Pediatr Oncol** 1985;13(1):30-1

In vitro sensitivity of leukemic clonogenic cells to four anthracyclines (adriamycin, daunorubicin, rubidazone and aclacinomycin) in human acute myeloid leukemia. Marie JP, et al. **Nouv Rev Fr Hematol** 1985;27(3):163-7

A phase I study of daunorubicin in advanced untreatable malignancies. Harvey J, et al. **Semin Oncol** 1984 Dec;11(4 Suppl 3):33-5

Use of daunorubicin in patients with solid tumors. Von Hoff DD. **Semin Oncol** 1984 Dec;11(4 Suppl 3):23-7

Selected studies of daunorubicin in adult acute nonlymphocytic leukemia. Wiernik PH. **Semin Oncol** 1984 Dec;11(4 Suppl 3):12-4

Pharmacology and phase I clinical studies of daunorubicin in patients with advanced malignancies. Woodcock TM, et al. **Semin Oncol** 1984 Dec;11(4 Suppl 3):28-32

[Acute promyelocytic leukemia: retrospective study of 119 patients treated with daunorubicin] Marty M, et al. **Nouv Rev Fr Hematol** 1984;26(6):371-8 (Eng. Abstr.) **(Fre)**

TOXICITY

Daunomycin-induced nephropathy in rats. Kubosawa H, et al. **Acta Pathol Jpn** 1985 Jan;35(1):109-23

Accumulation of 99Tcm-gluconate in daunorubicin-treated neonatal heart cells in culture. Galaris D, et al. **Acta Radiol [Oncol]** 1985 Mar-Apr;24(2):177-80

Toxic effects of daunorubicin on isolated and cultured heart cells from neonatal rats. Galaris D, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):989-95

Differential effect of the calmodulin inhibitor trifluoperazine on cellular accumulation, retention, and cytotoxicity of anthracyclines in doxorubicin (adriamycin)-resistant P388 mouse leukemia cells. Ganapathi R, et al. **Cancer Res** 1984 Nov;44(11):5056-61

Cross-resistance to rhodamine 123 in Adriamycin- and daunorubicin-resistant Friend leukemia cell variants. Tapiero H, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5544-9

Structure-activity relationship of anthracycline-induced genotoxicity in vitro. Westendorf J, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5599-604

Adenosine diphosphate ribosyl transferase in marrow cells of patients with acute myeloid leukemia is related to differentiation and drug sensitivity. Pero RW, et al. **Carcinogenesis** 1985 Jul;6(7):1055-8

Daunomycin in the treatment of experimental proliferative vitreoretinopathy: retinal toxicity of intravitreal daunomycin in the rabbit. Santana M, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;221(5):210-3

A novel method of conjugation of daunomycin with antibody with a poly-L-glutamic acid derivative as intermediate drug carrier. An anti-alpha-fetoprotein antibody-daunomycin conjugate. Kato Y, et al. **J Med Chem** 1984 Dec;27(12):1602-7

Cardiac energetics in daunorubicin-induced cardiomyopathy. Gibbs CL, et al. **J Mol Cell Cardiol** 1984 Oct;16(10):953-62

Comparison of the protective effect of ICRF-187 and structurally related analogues against acute daunorubicin toxicity in Syrian golden hamsters. Herman EH, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr;48(1):39-55

[Morphological and ultrastructural indicators of early cardiotoxicity in rats after the administration of rubidomycin and its derivatives] Chibowski D, et al. **Patol Pol** 1984 Oct-Dec;35(4):453-79 (Eng. Abstr.) **(Pol)**

[Comparative evaluation of the myelotoxic action of rubomycin, adriamycin and carminomycin by their delayed effects in an experiment] Fursov SE, et al. **Antibiot Med Biotekhnol** 1985 Apr;30(4):284-8 (Eng. Abstr.) **(Rus)**

DAY BLINDNESS see **HEMERALOPIA**

DAY CARE

The effects of opening a geriatric psychiatry day hospital. Ballinger BR. **Acta Psychiatr Scand** 1984 Oct;70(4):400-3

Geriatric day hospital in Hong Kong: a three-year follow-up study. Leung EM, et al. **Age Ageing** 1984 Sep;13(5):282-4

Analysis of a geriatric day hospital. Rai GS, et al. **Age Ageing** 1985 May;14(3):139-42

Short form for short stay. Bru GA, et al. **Am J Nurs** 1985 Apr;85(4):401-3

Day hospital service in rehabilitation medicine: an evaluation. Cummings V, et al. **Arch Phys Med Rehabil** 1985 Feb;66(2):86-91

Impact of psychogeriatric day hospital care on the patient's family. Gilleard CJ, et al. **Br J Psychiatry** 1984 Nov;145:487-92

The Scottish survey of chronic day-patients. McCreadie RG, et al. **Br J Psychiatry** 1984 Dec;145:626-30

A comparative evaluation of two psychiatric day hospitals. Milne D. **Br J Psychiatry** 1984 Nov;145:533-7

Adapting Multiple Impact Therapy for day treatment intake. Tovey R, et al. **Child Welfare** 1985 Jul-Aug;64(4):421-6

Predicting the outcome of psychogeriatric day care. Gilleard CJ. **Gerontologist** 1985 Jun;25(3):280-5

Using the milieu: treatment-environment consistency. Szekais B. **Gerontologist** 1985 Feb;25(1):15-8

Day rehab program proves cost effective. **Hospitals** 1984 Oct 16;58(20):60

Post release adjustment of day and inpatients. Kecmanovic D. **Int J Soc Psychiatry** 1985 Spring;31(1):74-9

A personal history of experience with a geriatric day care hospital: its initiation, development, function, and effectiveness. Cape RD. **J Am Geriatr Soc** 1984 Nov;32(11):862-5

Day care for dementia patients: an analysis of a four-year program. Panella JJ Jr, et al. **J Am Geriatr Soc** 1984 Dec;32(12):883-6

Adult day centers: geriatric day health services in the community. Szekais B. **J Fam Pract** 1985 Feb;20(2):157-61

Day treatment transition groups. Helping outpatients stay out. Echternacht MR. **J Psychosoc Nurs Ment Health Serv** 1984 Oct;22(10):11-6

The functions of the day hospital; a survey. Haleem MA. **Practitioner** 1985 Apr;229(1402):367-70

Attitudes to the provision of primary health care at the day hospitals in Cape Town. Thomson EM, et al. **S Afr Med J** 1985 Jan 12;67(2):58-61

Day surgery management of senile ptosis. Mehta HK. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):171-5

[A psychiatric key: the day hospital] Bertrand J, et al. **Acta Psychiatr Belg** 1984 Sep-Oct;84(5):466-71 (Eng. Abstr.) **(Fre)**

[Inpatient, day clinic and ambulatory care of children with cancer] Niethammer D. **Monatsschr Kinderheilkd** 1984 Sep;132(9):624-7 **(Ger)**

[Inpatient, day clinic and ambulatory care of children and adolescents with chronic kidney disease] Schärer K, et al. **Monatsschr Kinderheilkd** 1985 Feb;133(2):66-71 (Eng. Abstr.) **(Ger)**

[Possibilities and limits of day clinic treatment in child and adolescent psychiatry] Paul G. **Prax Kinderpsychol Kinderpsychiatr** 1985 Apr;34(3):84-90 (Eng. Abstr.) **(Ger)**

[Possibilities in day care and semi-hospitalization care] Schulz J, et al. **ZFA** 1985 Mar-Apr;40(2):110-2 **(Ger)**

[The day hospital in pediatric surgery] Perlasca E, et al. **Minerva Pediatr** 1984 Nov 30;36(22):1129-33 (Eng. Abstr.) **(Ita)**

ECONOMICS

Day hospital rehabilitation--effectiveness and cost in the elderly: a randomised controlled trial. Tucker MA, et al. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1209-12

LEGISLATION & JURISPRUDENCE

Commitment to outpatient treatment: a national survey. Miller RD. **Hosp Community Psychiatry** 1985 Mar;36(3):265-7

[Does the introduction of pediatric treatment methods miscarry due to lack of care-related legal insurance?] Hauptmann G, et al. **Monatsschr Kinderheilkd** 1984 Sep;132(9):643 **(Ger)**

METHODS

A day treatment program for black parents and preschoolers. Carter GL. **Child Today** 1984 Nov-Dec;13(6):19-23, 30

Day hospitalization as a therapeutic tool. Weil F. **Psychiatr J Univ Ottawa** 1984 Dec;9(4):165-9

[The geriatric day clinic: concept, function and experiences] Kark B, et al. **Internist (Berlin)** 1984 Aug;25(8):501-5 **(Ger)**

[Inpatient, day clinic and ambulatory care of chronically ill children--neuropediatric viewpoints] Neuhäuser G. **Monatsschr Kinderheilkd** 1984 Sep;132(9):631-4 (Eng. Abstr.) **(Ger)**

[Inpatient, day clinic and ambulatory care of children with lung diseases] Stephan U. **Monatsschr Kinderheilkd** 1984 Sep;132(9):640-2 **(Ger)**

[Psychosomatic day clinic: initial experiences] Bürckstümmer G, et al. **Psychother Psychosom Med Psychol** 1985 Feb;35(2):47-53 (Eng. Abstr.) **(Ger)**

[Status of day care treatment of elderly psychiatric patients in West Germany and West Berlin] Steinhart I, et al. **Z Gerontol** 1984 Nov-Dec;17(6):367-72 (Eng. Abstr.) **(Ger)**

[One of the forms of operation of a day-night hospital complex (with a stage of round-the-clock hospital stays) at a psychoneurologic dispensary] Kucherov AIu, et al. **Zh Nevropatol Psikhiatr** 1984;84(9):1358-62 (Eng. Abstr.) **(Rus)**

ORGANIZATION & ADMINISTRATION

A senior citizens center and a geriatric transitional house at a state psychiatric hospital. Ettlinger R, et al. **Hosp Community Psychiatry** 1984 Oct;35(10):1029-33

Day care for demented clients. Mace N. **Hosp Community Psychiatry** 1984 Oct;35(10):979-80, 994

The day center and its role as a social network. Woodside H. **Hosp Community Psychiatry** 1985 Feb;36(2):177-80

[Treatment of psychiatric patients in a day clinic] Wächtler C, et al. **Off Gesundheitswes** 1984 Sep;46(9):454-8 **(Ger)**

[Effectiveness of daytime hospitals in the prevention of complications of pregnancy and labor in patients with chronic anemia] Mordukhovich AS, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):48-51 (Eng. Abstr.) **(Rus)**

[Day hospital for children] Druzhinina EI, et al. **Pediatriia** 1985 Apr;(4):58-9 **(Rus)**

PSYCHOLOGY

Problems posed for supporting relatives of geriatric and psychogeriatric day patients. Gilleard CJ. **Acta Psychiatr Scand** 1984 Sep;70(3):198-208

The impact of psychogeriatric day care on the patient's supporting relatives. Gilleard CJ. **Health Bull (Edinb)** 1985 Jul;43(4):199-205

A study of variables associated with under-attendance at a psychiatric day centre. Bender MP, et al. **Psychol Med** 1985 May;15(2):395-401

[Daily life of patients in a day hospital] Gluge M, et al. **Soc Psychiatry** 1985;20(2):70-5 (Eng. Abstr.) **(Fre)**

SUPPLY & DISTRIBUTION

[Day service for the mental patients by local governments] Inomata Y, et al. **Seishin Shinkeigaku Zasshi** 1984;86(3):204-24 **(Jpn)**

TRENDS

Diversification push drives day care rise. Riffer J. **Hospitals** 1985 Mar 1;59(5):68

[10 years of day care centers in West Germany] Roesner W. **Off Gesundheitswes** 1985 May;47(5):210-4 **(Ger)**

[Psychosomatic day clinic: last experience?] Zwiebel R, et al. **Psychother Psychosom Med Psychol** 1985 Jul;35(7):198-9 **(Ger)**

UTILIZATION

Senior center participation: a two-stage approach to impact evaluation. Schneider MJ, et al. **Gerontologist** 1985 Apr;25(2):194-200

DAY DREAMS see **FANTASY**

DCI see **DICHLOROISOPROTERENOL**

DCMU see **DIURON**

DDD

ANALOGS & DERIVATIVES

The role of high density lipoproteins in the biodistribution of two radioiodinated probes in the rat. Pohland RC, et al. **Toxicol Appl Pharmacol** 1985 Jan;77(1):47-57

ANALYSIS

[The enzymatic degradation of DDT. 5. Direct transformation of DDD (dichlorodiphenyldichloroethane) into an aldehyde] Kujawa M, et al. **Nahrung** 1985;29(5):517-22 (Eng. Abstr.) **(Ger)**

METABOLISM

[The enzymatic degradation of DDT. 4. Degradation of DDD (dichlorodiphenyldichloroethane)] Kujawa M, et al. **Nahrung** 1985;29(4):411-5 (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Effect of o,p'DDD therapy on endogenous ACTH concentrations in dogs with hypophysis-dependent hyperadrenocorticism. Nelson RW, et al. **Am J Vet Res** 1985 Jul;46(7):1534-7

O,P-DDD see **MITOTANE**

DDE

ANALYSIS

Polychlorinated biphenyl congeners (PCBs), p,p'-DDE and hexachlorobenzene in human milk in three areas of upstate New York. Bush B, et al. **Arch Environ Contam Toxicol** 1985 Jul;14(4):443-50

Levels of polychlorinated biphenyls (PCBs), DDE, and mirex in waterfowl collected in New York State, 1981-1982. Kim HT, et al. **Arch Environ Contam Toxicol** 1985 Jan;14(1):13-8

DDE residues and artificial incubation of loggerhead sea turtle eggs. Clark DR Jr, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):121-5

Tissue distribution of trace elements and DDE in brown pelicans. Ohlendorf HM, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):183-92

BLOOD

Polychlorobiphenyl (PCB) congeners, p,p'-DDE, and hexachlorobenzene in maternal and fetal cord blood from mothers in Upstate New York. Bush B, et al. **Arch Environ Contam Toxicol** 1984 Sep;13(5):517-27

Formalin preservation of avian blood for metal and DDE analysis. Wiemeyer SN, et al. **Bull Environ Contam Toxicol** 1984 Nov;33(5):525-32

METABOLISM

Comparative adipose tissue kinetics of thiopental, DDE and 2,4,5,2',4',5'-hexachlorobiphenyl in the rat. Mühlebach S, et al. **Xenobiotica** 1985 Jun;15(6):485-91

TOXICITY

[Development trend of DDE-induced eggshell thinning of the white-tailed eagle, Haliaeëtus albicilla (L.) in East Germany] Oehme G. **Z Gesamte Hyg** 1984 Dec;30(12):724-5 (Eng. Abstr.) **(Ger)**

DDT

DDT--susceptibility status of Anopheles philippinensis--a mosquito vector of malaria in Bangladesh. Elias M, et al. **Bangladesh Med Res Counc Bull** 1985 Jun;11(1):1-7

The susceptibility of some insect population in Addis Ababa, Ethiopia to DDT and malathion. Mekuria Y, et al. **East Afr Med J** 1984 Aug;61(8):618-23

The scope and limitations of insecticide spraying in rural vector control programmes in the states of Karnataka and Tamil Nadu in India. Barai D, et al. **Ecol Dis** 1982;1(4):243-55

Comparative efficacy of synthetic pyrethroids, natural pyrethrins and DDT against mosquito larvae. Verma KV, et al. **J Commun Dis** 1984 Jun;16(2):144-7

[Sensitivity of sandflies (Diptera, Psychodidae, Phlebotominae) to DDT in a focus of visceral leishmaniasis in the Azerbaijan SSR] Artem'ev MM, et al. **Med Parazitol (Mosk)** 1984 Nov-Dec;(6):72-4 (Eng. Abstr.) **(Rus)**

[Insecticide (DDT and melathion) sensitivity and the contact irritability of malaria mosquitoes in natural populations in the Dagestan ASSR] Drobozina VP, et al. **Med Parazitol (Mosk)** 1984 Nov-Dec;(6):44-6 (Eng. Abstr.) **(Rus)**

[Sensitivity of Aedes aegypti infected with the malaria agent to DDT] Rasnitsyn SP, et al. **Med Parazitol (Mosk)** 1985 Jan-Feb;(1):15-7 (Eng. Abstr.) **(Rus)**

[Persistence of the causative agent of malaria in mosquitoes receiving sublethal doses of insecticide] Zharova AN, et al. **Med Parazitol (Mosk)** 1984 Sep-Oct;(5):82-4 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

A study of cognitive functions in DDT sprayers. Misra UK, et al. **Ind Health** 1984;22(3):199-206

Urinary excretion of DDA: 2, 2-bis (4-chlorophenyl) acetic acid as an index of DDT exposure in men. Ramachandran M, et al. **Indian J Med Res** 1984 Oct;80:483-6

[Cytochemical analysis of selected dehydrogenases in peripheral blood leukocytes of workers exposed to polychlorinated pesticides] Hrycek A, et al. **Med Pr** 1984; 35(3):185-9 (Eng. Abstr.) **(Pol)**

ANALOGS & DERIVATIVES

Urinary excretion of DDA: 2, 2-bis (4-chlorophenyl) acetic acid as an index of DDT exposure in men. Ramachandran M, et al. **Indian J Med Res** 1984 Oct;80:483-6

ANALYSIS

Residue levels of polychlorobiphenyls, sigmaDDT, and mercury in bird species commonly preyed upon by the peregrine falcon (Falco peregrinus Tunst.) in Sweden. Lindberg P, et al. **Arch Environ Contam Toxicol** 1985 Mar; 14(2):203-12

[The enzymatic degradation of DDT. 5. Direct transformation of DDD (dichlorodiphenyldichloroethane) into an aldehyde] Kujawa M, et al. **Nahrung** 1985; 29(5):517-22 (Eng. Abstr.) **(Ger)**

[Analysis of p,p'-DDT contaminants in commercial formulations based on dicofol (kelthane)] Camoni I, et al. **Nuovi Ann Ig Microbiol** 1983 May-Jun;34(3):241-7 (Eng. Abstr.) **(Ita)**

METABOLISM

Bacterial and fungal cometabolism of 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane (DDT) and its breakdown products. Subba-Rao RV, et al. **Appl Environ Microbiol** 1985 Mar;49(3):509-16

Effect of selection for dichlorodiphenyltrichloroethane (DDT) resistance on the uptake and breakdown of DDT in Aedes aegypti L. Rathor HR, et al. **Can J Genet Cytol** 1985 Feb;27(1):23-8

Uptake of 14C DDT by wood frog embryos after short term exposure. Licht LE. **Comp Biochem Physiol [C]** 1985; 81(1):117-9

DDT & HCH residues in the body fat & blood samples from some Delhi hospitals. Ramachandran M, et al. **Indian J Med Res** 1984 Nov;80:590-3

Age-dependent retention of [14C]DDT in the brain of the postnatal mouse. Eriksson P. **Toxicol Lett** 1984 Sep; 22(3):323-8

[Nutritional status of the rat in refeeding following massive mobilization of DDT by fasting] Carrera G, et al. **Ann Nutr Metab** 1985;29(1):56-62 (Eng. Abstr.) **(Fre)**

[The enzymatic decomposition of DDT. 2. Enzymatic secondary reactions] Kujawa M, et al. **Nahrung** 1985; 29(2):125-31 (Eng. Abstr.) **(Ger)**

[The enzymatic degradation of DDT. 3. Metabolism of DDT] Kujawa M, et al. **Nahrung** 1985;29(4):405-10 (Eng. Abstr.) **(Ger)**

[The enzymatic degradation of DDT. 4. Degradation of DDD (dichlorodiphenyldichloroethane)] Kujawa M, et al. **Nahrung** 1985;29(4):411-5 (Eng. Abstr.) **(Ger)**

[The enzymatic degradation of DDT. 1. Main degradation pathways] Kujawa M, et al. **Nahrung** 1984;28(10):1065-80 (Eng. Abstr.) **(Ger)**

[Role of additional substrates in DDT degradation by cultures of Pseudomonas aeruginosa] Mal'tseva OV, et al. **Mikrobiologiia** 1985 Mar-Apr;54(2):222-6 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

The insecticide DDT decreases membrane potential and cell input resistance of cultured human liver cells. Schefczik K, et al. **Biochim Biophys Acta** 1984 Oct 3;776(2):337-9

Inhibition by pesticides of prostaglandin formation in blood platelets. Krug HF, et al. **Blut** 1985 Jul;51(1):19-23

delta-Aminolevulinic acid synthetase and heme oxygenase activity in lung and liver of rats given DDT and endosulfan intratracheally. Narayan S, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):24-8

Lipid peroxidation in lung and liver of rats given DDT and endosulfan intratracheally. Narayan S, et al. **Bull Environ Contam Toxicol** 1985 Jan,34(1):63-7

Use of a new citrulline incorporation assay to investigate inhibition of intercellular communication by 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane in human fibroblasts. Davidson JS, et al. **Cancer Res** 1985 Feb; 45(2):515-9

Reduced calcium sensitivity of the sodium channel and the Na+/Ca2+ exchange system in the Kdr-type, DDT and pyrethroid resistant German cockroach, Blattella germanica. Rashatwar S, et al. **Comp Biochem Physiol [C]** 1985;81(1):97-103

1-(o-Chlorophenyl)-1 (p-chlorophenyl)2,2,2-trichloroethane induces functional progestin receptors in the rat hypothalamus and pituitary gland. Brown TJ, et al. **Endocrinology** 1984 Dec; 115(6):2052-8

Effects of phenobarbital and p,p'-DDT on carboxylesterase activity and hydrolysis of propanidid in rat liver. Nousiainen U. **Gen Pharmacol** 1985;16(1):49-53

Comparative studies on the effect of a single oral dose of DDT or malathion on intestinal uptake of nutrients and brush border membrane enzymes in guinea pigs. Singh R, et al. **Indian J Gastroenterol** 1984 Jul;3(3):151-3

Effect of temperature on the inhibition of rat brain synaptosomal ATPases by DDT and its structural analogs. Chetty SC, et al. **J Appl Toxicol** 1984 Aug;4(4):194-7

Adenosine triphosphatase activities in plasma liver membranes of rats treated with DDT and toxaphene. Mourelle M, et al. **J Appl Toxicol** 1985 Feb;5(1):39-41

Myoclonus in the rat induced by p,p'-DDT and the role of altered monoamine function. Pratt JA, et al. **Neuropharmacology** 1985 May;24(5):361-73

The estrogenic activity of DDT: the in vitro induction of an estrogen-inducible protein by o,p'-DDT. Robison AK, et al. **Toxicol Appl Pharmacol** 1984 Dec;76(3):537-43

[Studies on DDT residual spraying for controlling Anopheles lesteri anthropophagus and Plasmodium falciparum malaria] Wu ZY, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):220-3 (Eng. Abstr.) **(Chi)**

TOXICITY

p,p'-DDT-induced myoclonus in mice: the effect of enhanced 5-HT neurotransmission. Magnussen I. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):87-90

Short-term interactions between DDT and endrin accumulation and elimination in mosquitofish (Gambusia affinis). Denison MS, et al. **Arch Environ Contam Toxicol** 1985 May;14(3):315-20

Interaction of DDT and pyrethroids with calmodulin and its significance in the expression of enzyme activities of phosphodiesterase. Rashatwar SS, et al. **Biochem Pharmacol** 1985 May 15;34(10):1689-94

Effect of intratracheal administration of DDT and endosulfan on cytochrome P-450 and glutathione-ε-transferase in lung and liver of rats. Narayan S, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):55-62

Toxicity of arsenate and DDT to the cladoceran Bosmina longirostris. Passino DR, et al. **Bull Environ Contam Toxicol** 1984 Sep;33(3):325-9

Dose-response studies on promoting and anticarcinogenic effects of phenobarbital and DDT in the rat hepatocarcinogenesis. Kitagawa T, et al. **Carcinogenesis** 1984 Dec;5(12):1653-6

Promotion of mouse liver neoplasms by the organochlorine pesticides chlordane and heptachlor in comparison to dichlorodiphenyltrichloroethane. Williams GM, et al. **Carcinogenesis** 1984 Dec;5(12):1689-96

Effects of 1,1-bis(p-chlorophenyl)-2,2,2-trichloroethane (DDT) on gonadal development in the chick embryo: a histological and histochemical study. Swartz WJ. **Environ Res** 1984 Dec;35(2):333-45

Effects of 1,1,1-trichloro-2,2-bis-(p-chlorophenyl)ethane (DDT) on ATPase-linked functions in isolated rat-liver mitochondria. Nishihara Y, et al. **Food Chem Toxicol** 1985 Jun;23(6):599-602

Gamma-glutamyl transpeptidase: a sensitive marker in DDT and toxaphene exposure. García M, et al. **J Appl Toxicol** 1984 Oct;4(5):246-8

DDT-induced tremor in rats: effects of pharmacological agents. Herr DW, et al. **Psychopharmacology (Berlin)** 1985; 86(4):426-31

Effects of DDT on muscarine- and nicotine-like binding sites in CNS of immature and adult mice. Eriksson P, et al. **Toxicol Lett** 1984 Sep;22(3):329-34

[Interactions between vitamin A and DDT: the effect of cold and noise] Truhaut R, et al. **C R Acad Sci [III]** 1984; 299(19):759-60 (Eng. Abstr.) **(Fre)**

[Experimental neuropathy induced by DDT: analysis of the nerves by microdissection of the fibers] Nóvak EM, et al. **Arq Neuropsiquiatr** 1984 Sep;42(3):242-50 (Eng. Abstr.) **(Por)**

DDVP see **DICHLORVOS**

DDX see **DDE**

DE LANGE'S SYNDROME

De Lange syndrome. Barve R, et al. **J Indian Med Assoc** 1984 Oct;82(10):378-9

COMPLICATIONS

[Anesthetic management of a patient with Cornelia de Lange syndrome] Kiriyama M, et al. **Masui** 1984 Dec; 33(12):1392-4 (Eng. Abstr.) **(Jpn)**

[Cornelia de Lange's syndrome associated with mucoviscidosis in a 7-year-old boy] Ryżko J, et al. **Wiad Lek** 1985 Jan 15;38(2):151-4 (Eng. Abstr.) **(Pol)**

ETIOLOGY

Sixty-four patients with Brachmann-de Lange syndrome: a survey. Hawley PP, et al. **Am J Med Genet** 1985 Mar; 20(3):453-9

FAMILIAL & GENETIC

Dup(4p)del(9p) in a familial mental retardation syndrome. Resemblance to de Lange syndrome detected by high-resolution banding. Hersh JH, et al. **Am J Dis Child** 1985 Jan;139(1):81-4

DE TONI-DEBRE-FANCONI SYNDROME see **FANCONI SYNDROME**

DEAE-CELLULOSE see under **CELLULOSE**

DEAE-CELLULOSE CHROMATOGRAPHY see **CHROMATOGRAPHY, DEAE-CELLULOSE**

DEAE-DEXTRAN see under **DEXTRANS**

DEAF-MUTISM see **DEAFNESS**

DEAFNESS

see related
HEARING AIDS
LIPREADING

Analyzing surveys on deaf adults: implications for survey research on persons with disabilities. Schroedel JG. **Soc Sci Med** 1984;19(6):219-27

[Cogan's syndrome] Bodemer C, et al. **Ann Dermatol Venereol** 1984;111(8):673-4 **(Fre)**

[The social problem of deafness in France] Pialoux P. **Bull Acad Natl Med (Paris)** 1984 Mar-Apr;168(3-4):441-7 (Eng. Abstr.) **(Fre)**

CHEMICALLY INDUCED

Isolated deafness following recovery from neurologic injury and adult respiratory distress syndrome. A sequela of intercurrent aminoglycoside and diuretic use. Lynn AM, et al. **Am J Dis Child** 1985 May;139(5):464-6

Total deafness from aminoglycoside overdosage: histopathologic case study. Johnsson LG, et al. **Am J Otolaryngol** 1984 Mar-Apr;5(2):118-26

Acute deafness. A complication of high-dose cisplatin. Guthrie TH Jr, et al. **Arch Otolaryngol** 1985 May; 111(5):344-5

Acute deafness and desferrioxamine [letter] Guerin A, et al. **Lancet** 1985 Jul 6;2(8445):39-40

Deafness and topical antibiotic sprays [letter] Lewis HE. **Lancet** 1985 Jun 15;1(8442):1400

Deafness in low birthweight babies [letter] Miller JJ. **Lancet** 1985 Aug 3;2(8449):272

Deafness in preterm baby associated with topical antibiotic spray containing neomycin [letter] Morrell P, et al. **Lancet** 1985 May 18;1(8438):1167-8

COMPLICATIONS

The central nervous system in deaf adolescents. Sekula J, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr; 99(3-4):310-2

Spatial-relationship deficits in deaf children: the effect on communication and classroom performance. Ratner VL. **Am Ann Deaf** 1985 Jul;130(3):250-4

Auditory hallucinations in a prelingually deaf man? [letter] Krizek GO. **Am J Psychiatry** 1985 Mar;142(3):392-3

Facioscapulohumeral dystrophy presenting in infancy with facial diplegia and sensorineural deafness. Korf BR, et al. **Ann Neurol** 1985 May;17(5):513-6

Otopalatodigital syndrome. Takato T, et al. **Ann Plast Surg** 1985 Apr;14(4):371-4

Keratitis, ichthyosis, and deafness syndrome with glycogen storage. Jurecka W, et al. **Arch Dermatol** 1985 Jun; 121(6):799-801

Progressive addition lenses for deaf lip readers and signers. Thorn F, et al. **J Am Optom Assoc** 1984 Dec;55(12):905-8

Electrocochleographic findings and the effects of lidocaine on tinnitus in non-hearing ears. Jackson P. **J Laryngol Otol** 1985 Jul;99(7):667-70

Dominant optic atrophy, deafness, ptosis, ophthalmoplegia, dystaxia, and myopathy. A new syndrome. Treft RL, et al. **Ophthalmology** 1984 Aug;91(8):908-15

KID syndrome (keratitis, ichthyosis, and deafness) and chronic mucocutaneous candidiasis: case report and review of the literature. Harms M, et al. **Pediatr Dermatol** 1984 Jul;2(1):1-7 (29 ref.)

[A paradox: deaf-muteness, a minor oral handicap] Serazin MJ. **Bull Soc Pathol Exot Filiales** 1985;78(1):94-100 (Eng. Abstr.) **(Fre)**

[Distal renal tubular acidosis with nerve deafness] Ronconi GF, et al. **Pediatr Med Chir** 1984 Jul-Aug;6(4):549-52 (Eng. Abstr.) **(Ita)**

CONGENITAL

Cochlear neuronal populations in developmental defects of the inner ear. Implications for cochlear implantation. Schmidt JM. **Acta Otolaryngol (Stockh)** 1985 Jan-Feb; 99(1-2):14-20

In search of the aetiology of deafness in Nigeria—the probable role of rubella infection. Oyemade A, et al. **Afr J Med Med Sci** 1985 Mar-Jun;14(1-2):27-30

The long Q-T syndrome. Smith W. **Aust NZ J Med** 1984 Oct;14(5):700-4 (51 ref.)

Congenital rubella syndrome in Western Australia. Stanley FJ, et al. **Aust Paediatr J** 1985 May;21(2):111-4

Parafoveal attention in congenitally deaf and hearing young adults. Parasnis I, et al. **Brain Cogn** 1985 Jul;4(3):313-27

Hearing loss and congenital rubella in Atlantic Canada. Anvar B, et al. **Ear Hear** 1984 Nov-Dec;5(6):340-5

The verbotonal method for management of young, hearing-impaired children. Asp CW. **Ear Hear** 1985 Jan-Feb;6(1):39-42

The role of the speech-language pathologist with hearing-impaired infants. Brackett D. **Ear Hear** 1985 Jan-Feb;6(1):36-8

A developmental approach to sensory disabilities in early childhood. Sonksen PM. **Int Rehabil Med** 1985;7(1):27-32

Congenital neural hearing-loss due to inner ear malformation. Brama I. **J Laryngol Otol** 1985 Mar;99(3):293-5

Retinal S antigen reactivity in patients with retinitis pigmentosa and Usher's syndrome. Newsome DA, et al. **Retina** 1984 Summer-Fall;4(3):195-9

[Case of Pendred's syndrome] Brzezińska H, et al. **Otolaryngol Pol** 1984;38(3):249-51 (Eng. Abstr.) (Pol)

[Congenital deafness in an infant with fetal alcohol syndrome] Tomaszewska E, et al. **Otolaryngol Pol** 1984;38(5):441-5 (Eng. Abstr.) (Pol)

[Oto-palato-digital syndrome. Report of a case in a female] Sirvent Gómez J, et al. **An Esp Pediatr** 1984 Jun; 20(9):905-10 (Spa)

DIAGNOSIS

A functional classification system for the deaf-blind. Dunlap WR. **Am Ann Deaf** 1985 Jul;130(3):236-43

Diagnostic factors bearing on the use of cued speech with hearing-impaired children. Cornett RO. **Ear Hear** 1985 Jan-Feb;6(1):33-5

Evaluation of audiovestibular status in leprosy. Singh TR, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):24-9

Malpractice rates and awards. George JE, et al. **J Med Soc NJ** 1984 Dec;81(12):1037-8

Evaluation of speech production of the hearing impaired: some benefits of forced-choice testing. Boothroyd A. **J Speech Hear Res** 1985 Jun;28(2):185-96

[Detection of deafness in infants. The Boel test and its use in the ninth month] Desnos J, et al. **Ann Pediatr (Paris)** 1984 Dec;31(11):893-6 (Eng. Abstr.) (Fre)

[Detection of deafness in children and therapeutic measures. Balance of 10 years of practice] Roulleau P, et al. **Ann Pediatr (Paris)** 1984 Dec;31(11):887-91 (Eng. Abstr.) (Fre)

[Current trends in the diagnosis and prevention of hypoacusis in children] Tripodi D, et al. **Clin Ter** 1985 Apr 30; 113(2):135-9 (Eng. Abstr.) (Ita)

[Deafness and the radiologic aspect of the mastoid in chippers using pneumatic hammers on steel and iron castings] Ghibuş I, et al. **Rev Chir [Otorinolaringol]** 1984 Oct-Dec; 29(4):285-91 (Eng. Abstr.) (Rum)

ETIOLOGY

Sensorineural deafness in congenital hypopituitarism with severe hypothyroidism. De Luca F, et al. **Acta Paediatr Scand** 1985 Jan;74(1):148-51

Spontaneous closure of a dural arteriovenous fistula associated with acute hearing loss. Landman JA, et al. **AJNR** 1985 May-Jun;6(3):448-9

Vitamin D deficiency and deafness: 1984 update. Brookes GB. **Am J Otol** 1985 Jan;6(1):102-7

Temporal bone cholesteatoma. Charachon R. **Am J Otol** 1985 May;6(3):233-6

Sensorineural and vascular changes in an ear with acoustic neurinoma. Johnsson LG, et al. **Am J Otolaryngol** 1984 Jan-Feb;5(1):49-59

Auditory capabilities of single-channel cochlear implant patients. Etiologic considerations. Edgerton BJ, et al. **Arch Otolaryngol** 1985 Apr;111(4):255-8

Retrospective diagnosis of congenital rubella. Iuorio JL, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1566-8

Osteogenesis imperfecta 1984 [letter] von Haacke N. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):923

Immune complex-associated deafness: preliminary communication. Brookes GB. **J R Soc Med** 1985 Jan; 78(1):47-55

Deafness in low birthweight infants: is it avoidable? [editorial] **Lancet** 1985 Jun 15;1(8442):1373-4

Vaccination, one; maternal rubella, nil [letter] Upfold LJ. **Med J Aust** 1985 Sep 2;143(5):219

Locked-in syndrome with deafness [letter] Keane JR. **Neurology** 1985 Sep;35(9):1395

Locked-in state with bilateral internal capsule infarcts. Chia LG. **Neurology (NY)** 1984 Oct;34(10):1365-7

Relationship of serum bilirubin levels to ototoxicity and deafness in high-risk low-birth-weight infants. de Vries LS, et al. **Pediatrics** 1985 Sep;76(3):351-4

Sudden hearing loss following infectious mononucleosis: possible effect of altered immunoregulation. Williams LL, et al. **Pediatrics** 1985 Jun;75(6):1020-7

Meningococcal meningitis presenting with bilateral deafness and ataxia. Sandyk R, et al. **Postgrad Med J** 1984 Oct; 60(708):668-9

[Clinical, audiological and radiological correlations in internal ear abnormalities] Marie P, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(6):439-42 (Eng. Abstr.) (Fre)

[Pathogenesis and evaluation of childhood hypoacusis] Tripodi D, et al. **Clin Ter** 1985 Apr 15;113(1):55-9 (Eng. Abstr.) (Ita)

[Deafness after spinal anesthesia] Lund M. **Tidsskr Nor Laegeforen** 1985 Mar 10;105(7):500 (Eng. Abstr.) (Nor)

[Otologic complications of head injuries] Sekula J, et al. **Otolaryngol Pol** 1985;39(1):1-6 (Eng. Abstr.) (Pol)

FAMILIAL & GENETIC

X-linked motor-sensory neuropathy type-II with deafness and mental retardation: a new disorder. Cowchock FS, et al. **Am J Med Genet** 1985 Feb;20(2):307-15

Additional case report of the DOOR syndrome [letter] Hess RO, et al. **Am J Med Genet** 1984 Oct;19(2):401-5

Autosomal recessive deafness with skeletal dysplasia and facial appearance of Marshall syndrome. Miny P, et al. **Am J Med Genet** 1985 Jun;21(2):317-24

Sensorineural deafness in the FG syndrome: report on four new cases. Neri G, et al. **Am J Med Genet** 1984 Oct; 19(2):369-77

Norrie's disease: close linkage with genetic markers from the proximal short arm of the X chromosome. Gal A, et al. **Clin Genet** 1985 Mar;27(3):282-3

The facio-audio-symphalangism syndrome: report of a case and review of the literature. Hurvitz SA, et al. **Clin Genet** 1985 Jul;28(1):61-8

Sensorineural deafness and peripheral neuropathy [letter] Pauli RM. **Clin Genet** 1984 Oct;26(4):383-4

The Groll-Hirschowitz syndrome. Potasman I, et al. **Clin Genet** 1985 Jul;28(1):76-9

Gustatory lacrimation in association with the branchio-oto-renal syndrome. Preisch JW, et al. **Clin Genet** 1985 May;27(5):506-9

Meatal atresia and hearing loss. Autosomal dominant and autosomal recessive inheritance. Cremers CW. **Int J Pediatr Otorhinolaryngol** 1985 Mar;8(3):211-3

An inborn error of purine metabolism, deafness and neurodevelopmental abnormality. Simmonds HA, et al. **Neuropediatrics** 1985 May;16(2):106-8

[Independence of retinopathy and optic atrophy in the DIDMOAD syndrome] Hennekes R, et al. **Klin Monatsbl Augenheilkd** 1984 Aug;185(2):100-4 (Eng. Abstr.) (Ger)

[Families with recurrent cases of Waardenburg-Klein syndrome] Bliumina MG, et al. **Genetika** 1985 Jun; 21(6):1062-5 (Eng. Abstr.) (Rus)

HISTORY

Friendly letters on the correspondence of Helen Keller, Anne Sullivan, and Alexander Graham Bell. Blatt B. **Except Child** 1985 Feb;51(5):405-9

Ludwig van Beethoven. Czeizel A. **Ther Hung** 1982; 30(1):43-7

IMMUNOLOGY

[Deafness and autoimmunity] Amsallem P, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(5):345-50 (Eng. Abstr.) (Fre)

[Serum antibodies against corneal and internal ear tissues in Cogan's syndrome] Arnold W, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Aug;63(8):428-32 (Eng. Abstr.) (Ger)

MICROBIOLOGY

[The role of cytomegalovirus in infantile deafness and deafness of unknown origin] Desnos J, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(5):351-6 (Eng. Abstr.) (Fre)

OCCURRENCE

Deafness in psychopaedic patients [letter] Greville A, et al. **NZ Med J** 1985 May 8;98(778):349

PATHOLOGY

Infantile neuroaxonal dystrophy in an albino girl. A cliniconeuropathologic study. Wisniewski KE, et al. **Acta Neuropathol (Berl)** 1985;66(1):68-71

Cochlear changes after herpes simplex virus infection. Nomura Y, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr; 99(3-4):419-27

The cochlear nerve in various forms of deafness. Ylikoski J, et al. **Acta Otolaryngol (Stockh)** 1984 Nov-Dec; 98(5-6):418-27

Consequences of auditory deprivation in animals and humans. Périer O, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984; 411:60-70

The endolymphatic sac in the Mondini disorder. Gussen R. **Arch Otorhinolaryngol** 1985;242(1):71-6

The spiral ganglion and cochlear nuclei of deafness mice. Webster DB. **Hear Res** 1985 Apr;18(1):19-27

PHYSIOPATHOLOGY

Auditory potentials in profoundly deaf subjects. Riberić K, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr; 99(3-4):393-8

Hearing thresholds of normal and fenestrated deaf pigeons. A behavioural study on hearing with the vestibular organ. Wit HP, et al. **Acta Otolaryngol (Stockh)** 1985 Jul-Aug; 100(1-2):36-41

Electrical stimulation of the auditory system in animals profoundly deaf from birth. Bock GR, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1985;421:108-13

Results of the round window electrical stimulation in 460 cases of total deafness. Meyer B, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;411:168-76

Reliability of auditory function tests in severely hearing-impaired and deaf subjects. Lamoré PJ, et al. **Audiology** 1984;23(5):453-66

The teaching of tones to children with profound hearing impairment. Fok A. **Br J Disord Commun** 1984 Dec; 19(3):225-36

The acute deafness of definite multiple sclerosis: BAEP patterns. Fischer C, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul;61(1):7-15

Electrically-evoked responses in animals with progressive spiral ganglion degeneration. Steel KP, et al. **Hear Res** 1984 Jul;15(1):59-67

Respiratory behavior in groups of deaf and non-deaf GFF male mice. Stupfel M, et al. **Physiol Behav** 1984 May; 32(5):823-30

[Cerebral dominance and environmental factors: deafness and bilingualism...] **Rev Med Suisse Romande** 1984 Jul; 104(7):523-8 (Fre)

PREVENTION & CONTROL

Technique of hearing preservation in small acoustic neuromas. Jannetta PJ, et al. **Ann Surg** 1984 Oct; 200(4):513-23

Prevention of hearing impairment from infection and ototoxic drugs. Catlin FI. **Arch Otolaryngol** 1985 Jun;111(6):377-84 (26 ref.)

Deafness in developing countries. Approaches to a global program of prevention. Wilson J. **Arch Otolaryngol** 1985 Jan;111(1):2-9

Use of intraoperative auditory evoked potentials to preserve hearing in unilateral acoustic neuroma removal. Ojemann RG, et al. **J Neurosurg** 1984 Nov;61(5):938-48

Prevention of deafness in rural tropical areas. Holborow C. **Trop Doct** 1985 Jan;15(1):39-41

[Comparison of different audiometric procedures for infants less than 1 year old] Radü HJ. **HNO** 1985 Jun;33(6):271-4 (Eng. Abstr.) (Ger)

[Pediatric audiology, prevention and economics] Bagus J. **Off Gesundheitswes** 1984 Nov;46(11):564-9 (Ger)

PSYCHOLOGY

Identical deaf triplets: audiological, speech-language, and psychological characteristics. Bentler RA, et al. **Am Ann Deaf** 1984 Dec;129(6):466-80

A comparison of levels of tolerance for ambiguity in deaf and hearing school children. Brice PJ. **Am Ann Deaf** 1985 Jul;130(3):226-30

The effects of the teacher's behavior on deaf students' perception of the organizational environment of the classroom. Kluwin TN, et al. **Am Ann Deaf** 1984 Sep; 129(4):386-91

The effects of context on deaf students' comprehension of difficult sentences. Nolen SB, et al. **Am Ann Deaf** 1985 Jul;130(3):231-5

A communication program for enhancing interaction in families with a hearing-impaired child. Schoenwald-Oberbeck B. **Am Ann Deaf** 1984 Sep; 129(4):362-9

The primary mode of human communication and complex cognition. Sharpe SL. **Am Ann Deaf** 1985 Mar;130(1):39-46

A comparison of intellectual structure in deaf and hearing children. Zwiebel A, et al. **Am Ann Deaf** 1985 Mar; 130(1):27-31

Social behaviour of hearing-impaired and normally-hearing preschoolers. Levy-Shiff R, et al. **Br J Educ Psychol** 1985 Jun;55 (Pt 2):111-8

The mathematical achievements of deaf children from different educational environments. Wood HA, et al. **Br J Educ Psychol** 1984 Nov;54 (Pt 3):254-64

Visual-spatial processing in deaf brain-damaged signers. Poizner H, et al. **Brain Cogn** 1984 Jul;3(3):281-306

Cerebral laterality in deaf and hearing children. Gibson CJ, et al. **Brain Lang** 1984 Sep;23(1):1-12

Offenders in a silent world: hearing impairment and deafness in relation to criminality, incompetence, and insanity. Harry B, et al. **Bull Am Acad Psychiatry Law** 1985;13(1):85-96

Issues in the therapy of hearing children with deaf parents. Frankenburg FR, et al. **Can J Psychiatry** 1985 Mar; 30(2):98-102

The effect of segmental and suprasegmental corrections on the intelligibility of deaf speech. Maassen B, et al. **J Acoust Soc Am** 1985 Sep;78(3):877-86

Aspects of the analysis of an adult son of deaf-mute parents. Wagenheim HS. **J Am Psychoanal Assoc** 1985;33(2):413-35

Influence of Yoruba beliefs about abnormality on the socialization of deaf children: a research note. Togonu-Bickersteth F, et al. **J Child Psychol Psychiatry** 1985 Jul;26(4):639-52

Deaf children's revision behaviors in conversations. Hughes MC, et al. **J Commun Disord** 1985 Aug;18(4):227-43

Memory and rehearsal characteristics of profoundly deaf children. Bebko JM. **J Exp Child Psychol** 1984 Dec;38(3):415-28

A deaf sex offender. Harry B. **J Forensic Sci** 1984 Oct;29(4):1140-3

Acquisition of spoken and signed English by profoundly deaf children. Geers A, et al. **J Speech Hear Disord** 1984 Nov;49(4):378-88

The speech of the adventitiously deaf and auditory information: a response to Goehl and Kaufman (1984) [letter] *Zimmermann GN*, et al. **J Speech Hear Disord** 1985 May;50(2):220-3

Visual matching test-taking strategies used by deaf readers. LaSasso C. **J Speech Hear Res** 1985 Mar;28(1):2-7

Creative language abilities of deaf children. Marschark M, et al. **J Speech Hear Res** 1985 Mar;28(1):73-8

Prespeech vocalizations of a deaf infant: a comparison with normal metaphonological development. Oller DK, et al. **J Speech Hear Res** 1985 Mar;28(1):47-63

Written narratives of deaf and hearing students: story recall and inference. Sarachan-Deily AB. **J Speech Hear Res** 1985 Mar;28(1):151-9

Deaf children's perception of internal body parts. Gibbons CL. **Matern Child Nurs J** 1985 Spring;14(1):37-46

Quality of life of hearing-impaired older women. Magilvy JK. **Nurs Res** 1985 May-Jun;34(3):140-4

Development of sign-based perception by deaf children. Hamilton H. **Percept Mot Skills** 1985 Jun;60(3):699-704

REHABILITATION

Cochlear implants. Clinical results: the rehabilitation. Banfai P, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;411:183-94

Cochlear implants. Selection of patients. Banfai P, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;411:147-56

Auditory capabilities of patients implanted with the House single-channel cochlear implant. Brimacombe JA, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;411:204-16

Cochlear implants. Clinical results. Burian K. **Acta Otolaryngol [Suppl] (Stockh)** 1984;411:217-20

Analysis and synthesis of speech regarding cochlear implant. Carrat R. **Acta Otolaryngol [Suppl] (Stockh)** 1984;411:85-94

Prognostic evaluation of the multichannel cochlear implant. Chouard CH, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;411:161-4

Sound signal processing. Chouard CH, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;411:95-104

Results and perspectives with extracochlear round window electrodes. Dillier N, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;411:221-9

Clinical results using a multiple-channel cochlear prosthesis. Dowell RC, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;411:230-6

Effects of signal processing by the House-3M cochlear implant on consonant perception. Edgerton BJ, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;411:115-23

Clinical results of the French multichannel cochlear implant. Fugain C, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;411:237-46

Preliminary assessment of the Los Angeles, Vienna and Melbourne cochlear implants. McCabe BF, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;411:247-53

Cochlear prosthesis: clinical results. Morel D, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;411:254-6

Cochlear implant: experience of the Lyon team. Morgon A, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;411:195-203

Programs and services for the deaf in the United States. Part II. Educational programs and services. **Am Ann Deaf** 1985 Apr;130(2):81-153

Career education: the position paper of the Conference of Educational Administrators Serving the Deaf. CEASD Career Development Committee. May, 1980. **Am Ann Deaf** 1985 Apr;130(2):74-8

American Annals of the Deaf. Purposes and scope of content. Joint Annals Administrative Committee. April, 1984. **Am Ann Deaf** 1985 Apr;130(2):57-9

Programs and services for the deaf in the United States. Part III. Supportive and rehabilitative services. **Am Ann Deaf** 1985 Apr;130(2):156-81

Programs and services for the deaf in the United States. Part IV. Research programs and services. **Am Ann Deaf** 1985 Apr;130(2):184-93

Certification standards for professionals involved in the education of hearing-impaired children and youth. Council on Education of the Deaf (CED). **Am Ann Deaf** 1985 Apr;130(2):60-73

In support of bilingual/bicultural education for deaf children. Barnum M. **Am Ann Deaf** 1984 Nov;129(5):404-8

Is total communication enough? The hidden curriculum. Champie J. **Am Ann Deaf** 1984 Jun;129(3):317-8

Conceptual sign language as a bridge between English and Spanish. Christensen KM. **Am Ann Deaf** 1985 Jul;130(3):244-9

A framework for considering educational and non-educational influences on the attainments of deaf persons. DeCaro JJ, et al. **Am Ann Deaf** 1985 Jul;130(3):206-11

Total communication effects—a longitudinal study of a school for the deaf in transition. Delaney M, et al. **Am Ann Deaf** 1984 Dec;129(6):481-6

A comparison of captioned, classroom, and prose instruction for hearing-impaired learners. Dowaliby FJ, et al. **Am Ann Deaf** 1984 Sep;129(4):375-7

Receptive communication skills of hearing-impaired students: a comparison of four methods of communication. Grove C, et al. **Am Ann Deaf** 1984 Sep;129(4):378-85

Maternal reports of vocabulary development in four-year-old deaf children. Howell RF. **Am Ann Deaf** 1984 Dec;129(6):459-65

Tactile aids for the deaf: a comprehensive bibliography. Proctor A. **Am Ann Deaf** 1984 Nov;129(5):409-16

Cochlear implants and the education of deaf children. Schein JD. **Am Ann Deaf** 1984 Jun;129(3):324-32

Technique and indications for the French multichannel cochlear implant 'Chorimac-12' for total deafness rehabilitation. Chouard CH, et al. **Am J Otol** 1985 Jul;6(4):291-4

Results of a preliminary clinical trial on a multiple channel cochlear prosthesis. Dowell RC, et al. **Ann Otol Rhinol Laryngol** 1985 May-Jun;94(3):244-50

Minority deaf students: an overview. Wallace N, et al. **ASHA** 1985 Jun;27(6):28, 25

Methods and issues in the cochlear implantation of children: an overview. Berliner KI, et al. **Ear Hear** 1985 May-Jun;6(3 Suppl):6S-13S

Perceptual capabilities with the cochlear implant: implications for aural rehabilitation. Eisenberg LS. **Ear Hear** 1985 May-Jun;6(3 Suppl):60S-69S

Design and function: a physical and electrical description of the 3M House cochlear implant system. Fretz RJ, et al. **Ear Hear** 1985 May-Jun;6(3 Suppl):14S-19S

Speech and language results in children with a cochlear implant. Kirk KI, et al. **Ear Hear** 1985 May-Jun;6(3 Suppl):36S-47S

Cochlear implants in children: medical and surgical considerations. Luxford WM, et al. **Ear Hear** 1985 May-Jun;6(3 Suppl):20S-23S

Monitoring and evaluating the educational effects of the cochlear implant. Selmi A. **Ear Hear** 1985 May-Jun;6(3 Suppl):52S-59S

Audiological results in children with a cochlear implant. Thielemeir MA, et al. **Ear Hear** 1985 May-Jun;6(3 Suppl):27S-35S

A psychological evaluation of cochlear implants in children. Tiber N. **Ear Hear** 1985 May-Jun;6(3 Suppl):48S-51S

Cochlear implants as sensory aids for deaf children. Miyamoto RT, et al. **Indiana Med** 1985 Mar;78(3):198-201

A wearable multiple-electrode electrotactile speech processor for the profoundly deaf. Blamey PJ, et al. **J Acoust Soc Am** 1985 Apr;77(4):1619-20

Acquisition of a 250-word vocabulary through a tactile vocoder. Brooks PL, et al. **J Acoust Soc Am** 1985 Apr;77(4):1576-9

Tactile aids for profoundly deaf children. Goldstein MH Jr, et al. **J Acoust Soc Am** 1985 Jan;77(1):258-65

The effect of correcting fundamental frequency on the intelligibility of deaf speech and its interaction with temporal aspects. Maassen B, et al. **J Acoust Soc Am** 1984 Dec;76(6):1673-81

Research on the Tadoma method of speech communication. Reed CM, et al. **J Acoust Soc Am** 1985 Jan;77(1):247-57

Absolute identification of electric pulse rates and electrode positions by cochlear implant patients. Tong YC, et al. **J Acoust Soc Am** 1985 May;77(5):1881-8

Use of personal computing technology by deaf-blind individuals. Zuckerman D. **J Med Syst** 1984 Oct;8(5):431-6

Auditory implants and tactile aids for the profoundly deaf. Pickett JM, et al. **J Speech Hear Res** 1985 Mar;28(1):134-50 (91 ref.)

Gestural communication in deaf children: the effects and noneffects of parental input on early language development. Goldin-Meadow S, et al. **Monogr Soc Res Child Dev** 1984;49(3-4):1-151

Electrical stimulation of the auditory system in children deafened by meningitis. Eisenberg LS, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):700-5

[Hands and miming, or nonverbal communication in the education of deaf children] Favier C, et al. **Neuropsychiatr Enfance Adolesc** 1984 Jul-Aug;32(7-8):381-92 (Eng. Abstr.) **(Fre)**

[Bilingual education of deaf children] Bouvet D. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(4):389-93 **(Fre)**

[Education and bilingualism] Malé A, et al. **Rev Laryngol Otol Rhinol (Bord)** 1983;104(4):341-7 (Eng. Abstr.) **(Fre)**

[Sign language. Role of the speech therapist in a bilingual situation] Martenot D. **Rev Laryngol Otol Rhinol (Bord)** 1983;104(4):337-9 (Eng. Abstr.) **(Fre)**

[Early guidance of deaf children and their parents] Rey M. **Rev Med Suisse Romande** 1985 May;105(5):433-4 **(Fre)**

[Auditory deficiency and language] Triki S, et al. **Tunis Med** 1985 Apr;63(4):309-11 **(Fre)**

[Evaluation of prosthesis use in a sample of deaf children] Tartari MC, et al. **Acta Otorhinolaryngol Ital** 1984 Jul-Aug;4(4):489-500 (Eng. Abstr.) **(Ita)**

[Phoniatric and prosthetic treatment of hypoacusis in children] Tripodi D, et al. **Clin Ter** 1985 May 15;113(3):231-4 (Eng. Abstr.) **(Ita)**

[Sensory prosthesis for the blind and the deaf] Yoshimoto C. **Iyodenshi To Seitai Kogaku** 1984 Oct;22(6):401-6 (12 ref.) **(Jpn)**

[Selected problems in the treatment of cochlear deafness by electric stimulation] Latkowski B. **Otolaryngol Pol** 1984;38(2):107-19 (Eng. Abstr.) **(Pol)**

[Elaboration of a model for the rehabilitation of children with severe hearing loss] Sobieszczańska-Radoszewska L, et al. **Probl Med Wieku Rozwoj** 1984;13:29-31 (Eng. Abstr.) **(Pol)**

SURGERY

Cochlear implants: 1981 to 1985. Berliner KI, et al. **Am J Otol** 1985 Mar;6(2):173-86

Indications for and results of cochlear implants for total binaural deafness. House WF, et al. **Am J Otol** 1984 Oct;5(6):520-3

Cochlear implants in young children: some dilemmas. Simmons FB. **Ear Hear** 1985 Jan-Feb;6(1):61-3

The cochlear implant. Gnau FB. **Kans Med** 1985 Apr;86(4):118-9, 32

Iowa cochlear implant clinical project: results with two single-channel cochlear implants and one multi-channel cochlear implant. Gantz BJ, et al. **Laryngoscope** 1985 Apr;95(4):443-9

The cochlear implant: help for the profoundly deaf. Lambert PR. **Va Med** 1985 Feb;112(2):104-7

THERAPY

Cochlear implant. **ASHA** 1985 May;27(5):27-35

Clinical trial of a multi-channel cochlear prosthesis: results on 10 postlingually deaf patients. Clark GM, et al. **Aust NZ J Surg** 1984 Dec;54(6):519-26

Cochlear implants [editorial] Gristwood RE. **Aust NZ J Surg** 1984 Dec;54(6):501-2

Cochlear implants [editorial] Douek E. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):415-6

Treatment of sudden deafness: carbon dioxide and oxygen inhalation and steroids. Edamatsu H, et al. **Clin Otolaryngol** 1985 Apr;10(2):69-72

Earmolds for patients with severe and profound hearing loss. Madell JR, et al. **Ear Hear** 1984 Nov-Dec;5(6):349-51

Evaluation of a new frequency transposing hearing aid and/or speech training aid for the sensory neural deaf. Velmans M. **Int J Rehabil Res** 1984;7(2):196-8

Simple audio equipment for use in patients with radionecrosis. Kritzler RA. **Laryngoscope** 1985 Feb;95(2):226

Cochlear implant: clinical status, 1985 [editorial] Facer GW. **Mayo Clin Proc** 1985 Feb;60(2):136-8

Artificial hearing: an implanted auditory prosthesis for treatment of total binaural deafness. House WF. **Trans Am Soc Artif Intern Organs** 1984;30:11-4

[Clark implantable auditory prosthesis. Prerequisites and technic; report on the cochlear implant project of the ENT clinic of the Medical School in Hannover] Battmer RD, et al. **Fortschr Med** 1985 Apr 18;103(15):397-400 (Eng. Abstr.) **(Ger)**

[Cochlear implants in the deaf: indications, methods, results] Spillmann T, et al. **Schweiz Rundsch Med Prax** 1985 Feb 26;74(9):211-9 (Eng. Abstr.) **(Ger)**

VETERINARY

Electrodiagnostic evaluation of deafness in two English setter littermates. Sims MH, et al. **J Am Vet Med Assoc** 1985 Aug 15;187(4):398-404

DEAFNESS, PARTIAL see **HEARING LOSS, PARTIAL**

DEAFNESS, SENSORINEURAL see **DEAFNESS**

DEAFNESS, SUDDEN

DIAGNOSIS

Rebound phenomenon in glycerol test. Matsubara H, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:115-22

[Evaluation of individual prognosis in sudden deafness] Friedrich G, et al. **HNO** 1984 Aug;32(8):352-4 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

[Course and prognosis in sudden deafness] Eichhorn T, et al. **HNO** 1984 Aug;32(8):341-5 (Eng. Abstr.) **(Ger)**

[Clinical study on the use of urografin in the treatment of sudden deafness. Necessary preliminary study, results and review] Fiedler H. **HNO** 1984 Aug;32(8):338-40 (Eng. Abstr.) **(Ger)**

[Sudden deafness—on the age dependence of therapy results with reference to naftidrofuryl (Dusodril)] Koehn W, et al. **HNO** 1985 Jan;33(1):36-9 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Sudden deafness in children. Tieri L, et al. **Int J Pediatr Otorhinolaryngol** 1984 Jul;7(3):257-64

[Sudden deafness in multiple sclerosis] Hansen PH, et al. **Ugeskr Laeger** 1985 Feb 18;147(8):711-2 (Eng. Abstr.) **(Dan)**

[Clinical aspects of sudden deafness] Maurer R, et al. **HNO** 1984 Aug;32(8):334-7 (Eng. Abstr.) **(Ger)**

[Spontaneous remission in sudden deafness] Weinaug P.

HNO 1984 Aug;32(8):346-51 (Eng. Abstr.) **(Ger)**

[Spontaneous perforation of the membrane of the round window--a major cause of sudden deafness?] Arndt HJ. **Laryngol Rhinol Otol (Stuttg)** 1984 Sep;63(9):439-44 (Eng. Abstr.) **(Ger)**

[Etiology and pathogenesis of sudden deafness] Friedrich G. **Laryngol Rhinol Otol (Stuttg)** 1985 Feb;64(2):62-6 (Eng. Abstr.) **(Ger)**

[Sudden deafness in gastrointestinal infections: microbial genesis or autoimmune reaction?] El-Hifnawi H. **Laryngol Rhinol Otol (Stuttg)** 1984 Sep;63(9):445-7 (Eng. Abstr.) **(Ger)**

[Two cases of sudden deafness in hemodialysis patients] Matsukawa S, et al. **Nippon Jinzo Gakkai Shi** 1985 Feb; 27(2):249-55 (Eng. Abstr.) **(Jpn)**

[Studies on complement fixation viral antibody. In reference to frequencies of various antibodies and patients with sudden deafness] Takamiya H, et al. **Rinsho Byori** 1984 Dec;32(12):1355-60 **(Jpn)**

PHYSIOPATHOLOGY

Sudden hearing loss: circulatory. Fisch U, et al. **Am J Otol** 1984 Oct;5(6):488-91

THERAPY

[Hyperbaric oxygen therapy in sudden deafness] Pilgramm M, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jul;64(7):351-4 (Eng. Abstr.) **(Ger)**

[Therapy of sudden deafness and isolated unilateral vestibular loss] Weinaug P. **Laryngol Rhinol Otol (Stuttg)** 1985 Jul; 64(7):347-50 (Eng. Abstr.) **(Ger)**

DEANOL see under **ETHANOLAMINES**

DEATH

see related
ATTITUDE TO DEATH
HOMICIDE
MORTUARY PRACTICE
TERMINAL CARE

Death anxiety: the prelude to adolescence. Toews J, et al. **Adolesc Psychiatry** 1985;12:134-44

Thromboxane in sudden death. Myers AK, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:81-8 (30 ref.)

Helping children cope with death. Siegel BS. **Am Fam Physician** 1985 Mar;31(3):175-80

Hypnotic death rehearsal. Levitan AA. **Am J Clin Hypn** 1985 Apr;27(4):211-5

Near-death experiences in a pediatric population. A preliminary report. Morse M, et al. **Am J Dis Child** 1985 Jun;139(6):595-600

Problems in the use of dead controls in case-control studies. II. Effect of excluding certain causes of death. McLaughlin JK, et al. **Am J Epidemiol** 1985 Sep;122(3):485-94

Abdominal pain, purpura, and death in an elderly woman [clinical conference] Ludmerer KM, et al. **Am J Med** 1985 May;78(5):839-49

When a teacher dies: a school-based intervention with latency children. Brooks B, et al. **Am J Orthopsychiatry** 1985 Jul;55(3):405-10

Nuclear death: an unprecedented challenge to psychiatry and religion. Frank JD. **Am J Psychiatry** 1984 Nov; 141(11):1343-8

The theme of death in complex partial seizures. Greenberg DB, et al. **Am J Psychiatry** 1984 Dec;141(12):1587-9

A typology of near-death experiences. Greyson B. **Am J Psychiatry** 1985 Aug;142(8):967-9

Physician practices when a patient dies [letter] Major D. **Arch Intern Med** 1985 Jul;145(7):1330, 1333

Long-term outcome of bereavement. Lundin T. **Br J Psychiatry** 1984 Oct;145:424-8

Bereavement. Parkes CM. **Br J Psychiatry** 1985 Jan;146:11-7 (41 ref.)

Death or dialysis [letter] **Br Med J [Clin Res]** 1985 Jan 19; 290(6463):236-7

Life changes: death of a spouse. Elder AH. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):665-7

Death or dialysis--a personal view [editorial] Ward E. **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1712-3

Statement and resolution on the definition of death. The Committee on Public Health, the Committee on Medicine in Society, the New York Academy of Medicine. **Bull NY Acad Med** 1984 Nov;60(9):955-8

Who should code cause of death in a clinical trial? Remington RD. **Controlled Clin Trials** 1984 Sep;5(3):241-4

Cross-cultural aspects of bereavement. I: A conceptual framework for comparative analysis. Eisenbruch M. **Cult Med Psychiatry** 1984 Sep;8(3):283-309

Time course of spousal bereavement. Zisook S, et al. **Gen Hosp Psychiatry** 1985 Apr;7(2):95-100

Self-envy, the womb and the nature of goodness. A reappraisal of the death instinct. Maizels N. **Int J Psychoanal** 1985;66 (Pt 2):185-92

Confiding in others and illness rate among spouses of suicide and accidental-death victims. Pennebaker JW, et al. **J Abnorm Psychol** 1984 Nov;93(4):473-6

Relationship between acute physiologic derangement and risk of death. Knaus WA, et al. **J Chronic Dis** 1985; 38(4):295-300

A medical school course in coping with death: an opportunity to consider some basic health care issues. Woolsey SF. **J Dev Behav Pediatr** 1985 Apr;6(2):91-9

Medical diagnosis versus legal determination of death. Gorman WF. **J Forensic Sci** 1985 Jan;30(1):150-7

A fatality involving phentermine. Levine B, et al. **J Forensic Sci** 1984 Oct;29(4):1242-5

Assessing interviewer effects in a longitudinal study of bereaved elderly adults. Caserta MS, et al. **J Gerontol** 1985 Sep;40(5):637-40

Death counseling and psychosocial support by physicians concerning dying children. Behnke M, et al. **J Med Educ** 1984 Nov;59(11 Pt 1):906-8

Dignity and death: a reply. Brooks SA. **J Med Ethics** 1985 Jun;11(2):84-7

Respect for the dead and dying. Preus A. **J Med Philos** 1984 Nov;9(4):409-18

The patients dying after long terminal phase have acidotic brains; implications for biochemical measurements on autopsy tissue. Hardy JA, et al. **J Neural Transm** 1985; 61(3-4):253-64

Development of a perinatal grief checklist. Beckey RD, et al. **J Obstet Gynecol Neonatal Nurs** 1985 May-Jun; 14(3):194-9

Information about strokes lost between post-mortem and reported cause of death. Peach H. **J R Soc Med** 1985 Jun; 78(6):445-51

Preparation: sometimes good is not good enough [letter] Self DJ. **JAMA** 1985 Apr 12;253(14):2043-4

Formal instruction in United Kingdom medical schools about death and dying. Field D. **Med Educ** 1984 Nov; 18(6):429-34

Accidental death and the life insurance contract. **Med Leg Bull** 1985 Jul-Aug;34(4):1-7

Tsukuba group murder charge? [news] Anderson A. **Nature** 1985 Feb 21-27;313(6004):613

Symposia on hospice and compassionate care and the dying experience. **Nurs Clin North Am** 1985 Jun;20(2):267-468

Grief and bereavement. Healing through hurt. Martocchio BC. **Nurs Clin North Am** 1985 Jun;20(2):327-41

Health team has special challenge when employees face death or illness. Kurt TL. **Occup Health Saf** 1985 Apr;54(4):76

The right to die: your rights, your patient's rights. Edwards KS. **Ohio State Med J** 1985 Jan;81(1):17-18, 20-1

Effects of Massachusetts raising its legal drinking age from 18 to 20 on deaths from teenage homicide, suicide, and nontraffic accidents. Hingson R, et al. **Pediatr Clin North Am** 1985 Feb;32(1):221-32

The seriously ill or dying adolescent. Special needs and challenges. Easson WM. **Postgrad Med** 1985 Jul; 78(1):183-4, 187-9

How to manage patient death and care for the bereaved. Tolle SW, et al. **Postgrad Med** 1985 Aug;78(2):87-9, 92-5

The nature of life and the nature of death. Brooks CM. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):133-45

Life and death. Lloyd JW. **Sangyo Ika Daigaku Zasshi** 1983 Mar 1;5(1):127-32

Thanatology--the study of death and dying. Feng PH. **Singapore Med J** 1984 Aug;25(4):208-9

Aspects of the European dying process. Palouzie AM. **Soc Sci Med** 1985;20(8):851-3

Some thoughts on grief and mourning. Shneidman ES. **Suicide Life Threat Behav** 1985 Spring;15(1):51-5

Death and dying in medicine. **Theor Med** 1984 Jun; 5(2):121-231

Death and dying: reflections of an intensivist. Jastremski MS. **Theor Med** 1984 Jun;5(2):147-53

The comatose patient, the ontology of death, and the decision to stop treatment. Thomasma DC. **Theor Med** 1984 Jun; 5(2):181-96

Death. Van Evra JW. **Theor Med** 1984 Jun;5(2):197-207

Death and dying in medicine: what questions are still worth asking? Walton DN. **Theor Med** 1984 Jun;5(2):121-39

Conceptual issues in the definition of death: a guide for public policy. Wikler DI. **Theor Med** 1984 Jun;5(2):167-80

The death of a pet. How it can affect owners. Quackenbush J. **Vet Clin North Am [Small Anim Pract]** 1985 Mar; 15(2):395-402

Visually evoked responses during slaughter [letter] Daly CC. **Vet Rec** 1985 May 25;116(21):574-5

[Patient with a hemorrhaging peptic ulcer of the jejunum successfully recovered from hemorrhagic shock and clinical death] Damianov D, et al. **Khirurgiia (Sofiia)** 1984; 37(4):318-20 **(Bul)**

[The Marxist-Leninist concept of the relation between life and death] Filipec J. **Cas Lek Cesk** 1984 Jul 13; 123(28):849-53 **(Cze)**

[The effect of the loss of parents on the psychosocial development of the child] Vichnar M. **Cesk Pediatr** 1985 Jan;40(1):46-7 **(Cze)**

[Time of death in diseases with lethal outcomes in a pediatric surgery department and a pediatric hospital] Angerpointner TA, et al. **Monatsschr Kinderheilkd** 1984 Aug;132(8):608-11 (Eng. Abstr.) **(Ger)**

[Symposium I: Determination of death] **Nippon Hoigaku Zasshi** 1984 Oct;38(5):496-507 (Eng. Abstr.) **(Jpn)**

[Rheological properties of the blood of patients in terminal states] Radzivil GG, et al. **Anesteziol Reanimatol** 1985 Mar-Apr;(2):22-7 (Eng. Abstr.) **(Rus)**

[Ultraslow processes of the brain and liver in studying normal intersystem interactions and in terminal states] Iliukhina VA, et al. **Fiziol Zh SSSR** 1984 Jul;70(7):921-37 (Eng. Abstr.) **(Rus)**

[Use of inderal for preventing heart damage in mechanical asphyxia accompanied by clinical death] Dolgikh VT. **Patol Fiziol Eksp Ter** 1985 Jan-Feb;(1):18-23 (Eng. Abstr.) **(Rus)**

[Determination of time of death] Tomilin VV, et al. **Sud Med Ekspert** 1984 Oct-Dec;27(4):44-7 (80 ref.) **(Rus)**

[The meaning of 'proper' death] Rovaletti ML. **Acta Psiquiatr Psicol Am Lat** 1984 Jun;30(2):112-7 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Death and other time-related events after valve replacement. Blackstone EH, et al. **Circulation** 1985 Oct;72(4):753-67

DEATH CERTIFICATES

Comparison between diagnoses in the Stockholm Regional Cancer Register and certified underlying causes of death. Mattsson B, et al. **Acta Radiol [Oncol]** 1985 May-Jun; 24(3):219-26

Completeness of the Swedish Cancer Register. Non-notified cancer cases recorded on death certificates in 1978. Mattsson B, et al. **Acta Radiol [Oncol]** 1984;23(5):305-13

The difference between date of suicidal act and recorded death certificate date in 204 consecutive suicides. Rich CL, et al. **Am J Public Health** 1985 Jul;75(7):778-9

Pilot study of revised stillbirth and neonatal death certificates. Gedalla B, et al. **Arch Dis Child** 1984 Oct;59(10):976-82

Certifying death in infancy. Scott MJ. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1511-2

Validity of cause of death statements from relatives. Claude J, et al. **Int Arch Occup Environ Health** 1984;54(4):335-43

Problems in the classification of cause of death diagnoses affecting the reliability of mortality statistics for rheumatoid arthritis. Lindahl BI, et al. **J Chronic Dis** 1985;38(5):409-18

The causal sequence on death certificates: errors affecting the reliability of mortality statistics for rheumatoid arthritis. Lindahl BI. **J Chronic Dis** 1985;38(1):47-57

Causes of death in Japanese diabetics. A 20-year study of death certificates. Sasaki A, et al. **J Chronic Dis** 1985; 38(8):655-61

Identification of cases of sudden infant death syndrome from death certificates. Keeling JW, et al. **J Epidemiol Community Health** 1985 Jun;39(2):148-51

Limits of accuracy of death certificate identification of occupation [letter] Morton WE. **J Occup Med** 1984 Aug; 26(8):553

Death certificates in Jerusalem: sources of information about cause of death. Slater PE, et al. **J R Coll Gen Pract** 1984 Nov;34(268):619-20

Information about strokes lost between post-mortem and reported cause of death. Peach H. **J R Soc Med** 1985 Jun; 78(6):445-51

A potential use of the National Death Index for postmarketing drug surveillance. Edlavitch SA, et al. **JAMA** 1985 Mar 1;253(9):1292-5

Tobacco addiction and tobacco mortality. Implications for death certification. Pollin W, et al. **JAMA** 1984 Nov 23-30; 252(20):2849-54

Smoking and deaths [letter] Kent D. **NZ Med J** 1984 Nov 14;97(767):779

Comparison of occupations recorded at cancer registration and death. Balarajan R. **Public Health** 1985 May; 99(3):169-73

Agreement of occupation and industry data on Rhode Island death certificates with two alternative sources of information. Gute DM, et al. **Public Health Rep** 1985 Jan-Feb;100(1):65-72

The accuracy of medical certifications of cancer deaths and of cancer diagnosis in the municipal area of Barcelona in 1979. Bosch FX, et al. **Rev Esp Oncol** 1983;30(1):17-24

The death certificate: a mirror of life. Cooley FM, et al. **W Va Med J** 1984 Sep;80(9):193-5

[Practice of reporting of occupational diseases and accidents in issuing death certificates. Results of a questionnaire study] Mosbech H. **Ugeskr Laeger** 1985 Mar 4; 147(10):901-3 (Eng. Abstr.) **(Dan)**

[Validity of mortality data in respiratory diseases in France and 7 other countries of the E.E.C.] Neukirch F, et al. **Rev Mal Respir** 1984;1(6):361-7 (Eng. Abstr.) **(Fre)**

[The practicing physician and removal of the dead body] Krompecher T. **Rev Med Suisse Romande** 1984 Nov; 104(11):855-9 **(Fre)**

[Use of autopsy certificates in life insurance medicine] Leithoff H, et al. **Lebensversicherungsmedizin** 1984 Nov 15; 36(9):202-5 (Eng. Abstr.) **(Ger)**

[Autopsy as an instrument of quality control in the medical determination of cause of death] Staak M, et al. **Lebensversicherungsmedizin** 1984 Nov 15;36(9):205-8 (Eng. Abstr.) **(Ger)**

DEATH PENALTY see **CAPITAL PUNISHMENT**

DEATH RATE see **MORTALITY**

DEATH, SUDDEN

see related
RESUSCITATION

Children dead on arrival: predictors of short-term family follow-up. Cohen GJ. **Am J Emerg Med** 1984 Jul; 2(4):315-20

Fluidity of cadaveric blood after sudden death: Part I. Postmortem fibrinolysis and plasma catecholamine level. Takeichi S, et al. **Am J Forensic Med Pathol** 1984 Sep; 5(3):223-7

Deaths of athletes [letter] Sperryn PN. **Br Med J [Clin Res]** 1985 Apr 13;290(6475):1147

Psychosocial aspects of surviving sudden cardiac death. Vlay SC, et al. **Clin Cardiol** 1985 Apr;8(4):237-43

15th Bethesda Conference: Sudden cardiac death. Bethesda, Maryland, May 31, June 1-2, 1984. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):1B-198B

Patients with malignant or potentially malignant ventricular arrhythmias: opportunities and limitations of drug therapy in prevention of sudden death. Bigger JT Jr. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):23B-26B (27 ref.)

Special problems in infants, children and young adults, including postoperative sudden death: summary. McNamara DG. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):138B-140B

Effects of verapamil and lidocaine in a canine model of sudden coronary death. Temesy-Armos PN, et al. **J Am Coll Cardiol** 1985 Sep;6(3):674-81

Zimelidine distribution in a sudden death. Semple DJ. **J Anal Toxicol** 1984 Nov-Dec;8(6):285-7

Sudden death in measles and its relationship to serum enzyme and electrocardiographic changes. Wooldridge MA. **J Trop Pediatr** 1985 Jun;31(3):160-2

Unexplained sudden death under general anaesthesia [letter] Oudesluys-Murphy AM, et al. **Lancet** 1985 Mar 23; 1(8430):696-7

A study on the fibrinolytic activity of cadaveric blood: isolation and characterization of plasminogen activator from cadaveric plasma after sudden death. Nakasono I. **Nippon Hoigaku Zasshi** 1984 Jun;38(3):280-8

A new pacemaker for monitoring asystole and prevention of Adams-Stokes syndrome and sudden cardiac death. Arai Y, et al. **PACE** 1984 Nov;7(6 Pt 1):973-8

Platelet production in myocardial infarction and sudden cardiac death. Trowbridge EA, et al. **Thromb Haemost** 1984 Oct 31;52(2):167-71

Unusual sudden death. Warren JV. **Trans Am Clin Climatol Assoc** 1984;96:120-30

Sudden cardiac death--a perspective [editorial] Buxton AE, et al. **West J Med** 1984 Nov;141(5):677-9

[Prevention of sudden death. The role of surgical treatment in ischemic heart disease] Fabián J, et al. **Cas Lek Cesk** 1985 Apr 12;124(15):453-5 (Eng. Abstr.) **(Cze)**

[The practicing physician and removal of the dead body] Krompecher T. **Rev Med Suisse Romande** 1984 Nov; 104(11):855-9 **(Fre)**

[Sudden death] Di Tano G, et al. **Recenti Prog Med** 1984 Jul-Aug;75(7-8):740-57 (Eng. Abstr.) **(Ita)**

[Long-term observation of Romano-Ward syndrome in 3 generations] Gladyshev PL, et al. **Klin Med (Mosk)** 1984 Nov;62(11):57-9 **(Rus)**

CHEMICALLY INDUCED

John Stewart's case of sudden death: a reassessment. Murray TJ. **Can Med Assoc J** 1985 Sep 1;133(5):432-3

ETIOLOGY

Sudden death related to advanced coronary atherosclerosis in mini-pigs: influence of some drugs. Jacobsson L, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Sep;55(3):174-82

Prevention of ventricular fibrillation by dextrorotatory sotalol in a conscious canine model of sudden coronary death. Lynch JJ, et al. **Am Heart J** 1985 May;109(5 Pt 1):949-58

Influence of long-acting nitrate therapy on the risk of reinfarction, sudden death, and total mortality in survivors of acute myocardial infarction. Rapaport E. **Am Heart J** 1985 Jul;110(1 Pt 2):276-80

Sudden cardiac death following acute myocardial infarction. Rosenthal ME, et al. **Am Heart J** 1985 Apr;109(4):865-76 (108 ref.)

Intramural coronary arteritis from cholesterol emboli: a rare cause of unstable angina preceding sudden death. Teja K, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):168-70

Relationship of specific coronary lesions and regional left ventricular dysfunction to prognosis in survivors of sudden cardiac death. Vlay SC, et al. **Am Heart J** 1984 Nov; 108(5):1212-20

Postinfarction sudden death: significance of inducible ventricular tachycardia and infarct size in a conscious canine model. Wilber DJ, et al. **Am Heart J** 1985 Jan; 109(1):8-18

Sudden death in a child with ventricular tachycardia [letter] Belhassen B. **Am J Cardiol** 1984 Nov 1;54(8):1172

Identification of patients at high risk for sudden cardiac death. Bigger JT Jr. **Am J Cardiol** 1984 Nov 14; 54(9):3D-8D

Cardiac arrest and sudden death in patients treated with amiodarone for sustained ventricular tachycardia or ventricular fibrillation: risk stratification based on clinical variables. DiCarlo LA Jr, et al. **Am J Cardiol** 1985 Feb 1;55(4):372-4

Analysis of risk factors for sudden death after acute myocardial infarction [letter] Harrell FE Jr, et al. **Am J Cardiol** 1985 Feb 15;55(5):621-2

Sudden death after left stellectomy in the long QT syndrome. Packer DL, et al. **Am J Cardiol** 1984 Dec 1;54(10):1365-6

Out-of-hospital sudden coronary death: rest and exercise radionuclide left ventricular function in survivors. Ritchie JL, et al. **Am J Cardiol** 1985 Mar 1;55(6):645-51

Sudden death during ambulatory monitoring [letter] Spodick DH. **Am J Cardiol** 1984 Nov 1;54(8):1171

Should child abuse and neglect be considered when a child dies unexpectedly? Christoffel KK, et al. **Am J Dis Child** 1985 Sep;139(9):876-80

The mistaken diagnosis of child abuse. A form of medical abuse? Kirschner RH, et al. **Am J Dis Child** 1985 Sep; 139(9):873-5

Unexpected death in childhood asthma. A review of 13 deaths in ambulatory patients. Kravis LP, et al. **Am J Dis Child** 1985 Jun;139(6):558-63

Sudden cardiac death due to hypoglycemia. Iscovich AL. **Am J Emerg Med** 1983 Jul;1(1):28-9

Sudden death in the Framingham Heart Study. Differences in incidence and risk factors by sex and coronary disease status. Schatzkin A, et al. **Am J Epidemiol** 1984 Dec; 120(6):888-99

Sudden death associated with pericardial impact [letter] Bass M. **Am J Forensic Med Pathol** 1985 Jun;6(2):185

Sudden unexpected death due to atherosclerotic coronary artery aneurysm. Cohle SD. **Am J Forensic Med Pathol** 1985 Jun;6(2):153-7

Anomolous right coronary artery [letter] Hanzlick R, et al. **Am J Forensic Med Pathol** 1984 Sep;5(3):285

Asymmetric septal hypertrophy of the heart. New findings concerning the possible etiology of sudden deaths in five males. Okoye MI, et al. **Am J Forensic Med Pathol** 1985 Jun;6(2):105-24

Sudden asphyxial death due to an esophageal leiomyoma. Peacock JA, et al. **Am J Forensic Med Pathol** 1985 Jun; 6(2):159-61

Malignant hyperpyrexia and sudden death. Ranklev E, et al. **Am J Forensic Med Pathol** 1985 Jun;6(2):149-50

Haloperidol (Haldol) and possible association with fatal sickle cell disease (Hgb S-C) [letter] Stilwell AD. **Am J Forensic Med Pathol** 1984 Sep;5(3):286-7

Sudden unexpected death associated with atlanto-occipital fusion. Vakili ST, et al. **Am J Forensic Med Pathol** 1985 Mar;6(1):39-43

Clear cell hepatocellular carcinoma: sudden death from severe hypoglycemia. Ross JS, et al. **Am J Gastroenterol** 1985 Mar;80(3):188-94

Case report of sudden and unexpected death after tricyclic overdose [letter] Babb SV, et al. **Am J Psychiatry** 1985 Feb;142(2):275-6

Sudden death and neuroleptic medication in subhuman primates [letter] Domino EF. **Am J Psychiatry** 1985 Jan; 142(1):145

Sudden death in adolescent asthma. Rubinstein S, et al. **Ann Allergy** 1984 Oct;53(4):311-8

Anorexia nervosa and sudden death. Isner JM, et al. **Ann Intern Med** 1985 Jan;102(1):49-52

Caution: very-low-calorie diets can be deadly. Moss AJ. **Ann Intern Med** 1985 Jan;102(1):121-3

Anorexia nervosa, ipecac, and sudden death [letter] Romig RA. **Ann Intern Med** 1985 Oct;103(4):641

Role of higher nervous activity in ventricular arrhythmia and sudden cardiac death: implications for alternative antiarrhythmic therapy. Podrid PJ. **Ann NY Acad Sci** 1984; 432:296-313 (69 ref.)

Ventricular premature beats, ventricular tachycardia, and sudden cardiac death: identification of patients and drug treatment. Reid PR. **Ann NY Acad Sci** 1984;432:236-46 (54 ref.)

Hypertrophic cardiomyopathy: an important cause of sudden death. McKenna WJ, et al. **Arch Dis Child** 1984 Oct; 59(10):971-5

Long-term follow-up after recovery from acute myocardial infarction. Observations on survival, ventricular arrhythmias, and sudden death. Luria MH, et al. **Arch Intern Med** 1985 Sep;145(9):1592-5

Stress-related sudden death [letter] Rosch PJ. **Arch Intern Med** 1985 Aug;145(8):1530

Documented sudden cardiac death in prolonged QT syndrome [letter] Sheehan JP. **Arch Intern Med** 1984 Dec; 144(12):2430

Sudden death from pericardial tamponade. Unusual complication of nonbacterial thrombotic endocarditis. Laurain AR, et al. **Arch Pathol Lab Med** 1985 Feb; 109(2):171-2

Coronary artery aneurysms presenting as sudden death 14 years after Kawasaki disease in infancy. Pounder DJ. **Arch Pathol Lab Med** 1985 Sep;109(9):874-6

Atrial thrombosis, abnormal electrocardiograms and sudden death in mice due to copper deficiency. Klevay LM. **Atherosclerosis** 1985 Feb;54(2):213-24

The long Q-T syndrome. Smith W. **Aust NZ J Med** 1984 Oct;14(5):700-4 (51 ref.)

Pathophysiological mechanisms of sudden death induced by platelet activating factor. Lefer AM, et al. **Br J Pharmacol** 1984 Sep;83(1):125-30

Sudden death and sport--preventable or inevitable. Tunstall Pedoe D. **Br J Sports Med** 1984 Dec;18(4):293-4

Sudden cardiac death and acute coronary thrombosis [editorial] Cobbe SM. **Br Med J [Clin Res]** 1985 Jan 12; 290(6462):93-4 (44 ref.)

Nocturnal deaths among patients with chronic bronchitis and emphysema. McNicholas WT, et al. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):878

Recurrent ventricular tachycardia [editorial] Ward DE, et al. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1926-7

Sudden death associated with compression of pulmonary arteries in sarcoidosis. Martin JM, et al. **Can Med Assoc J** 1985 Sep 1;133(5):423-4

Sudden unexpected death in patients with congestive heart failure: a second frontier. Packer M. **Circulation** 1985 Oct; 72(4):681-5

Sudden cardiac death recorded during ambulatory electrocardiographic monitoring. Hohnloser S, et al. **Clin Cardiol** 1984 Oct;7(10):517-23

Clinico-pathological correlations in sudden cardiac death. Madsen JK, et al. **Dan Med Bull** 1984 Aug;31(4):330-3

Electrocardiographic abnormalities in apparently healthy men and the risk of sudden death. Rabkin SW. **Drugs** 1984 Oct;28 Suppl 1:28-45

Can chronic antidysrhythmic treatment prevent sudden death? Friedman LM. **Eur Heart J** 1984 Sep;5 Suppl B:99-101

Long-term ambulatory ECG-monitoring in the prediction of sudden coronary death. Lichtlen PR, et al. **Eur Heart J** 1984 Sep;5 Suppl B:25-30

Secondary preventive trials with antiarrhythmic agents: are we asking the right question? Lubsen J. **Eur Heart J** 1984 Sep;5 Suppl B:109-11

Isolated systolic hypertension and its relationship to the risk of myocardial infarction, cerebrovascular disease and death in a middle-aged population. Tuomilehto J, et al. **Eur Heart J** 1984 Sep;5(9):739-44

Sudden cardiac death: identifying and managing the patient at risk. Sridharan MR, et al. **Geriatrics** 1985 Jan;40(1):63-9

Sudden death [letter] Moldawsky RJ. **Hosp Community Psychiatry** 1985 Jan;36(1):81

Corrected QT interval (QTc) and its relationship with fatal ventricular tachyarrhythmias and sudden death in acute myocardial infarction. Gupta PR, et al. **Indian Heart J** 1984 May-Jun;36(3):166-8

On sudden death. Chamberlain DA, et al. **Int J Cardiol** 1984 Sep;6(3):389-90

Cardiovascular implications of strenuous exercise. Northcote RJ, et al. **Int J Cardiol** 1985 May;8(1):3-12

Pulmonary bulla and sudden death in a young aeroplane passenger. Neidhart P, et al. **Intensive Care Med** 1985; 11(1):45-7

Ambulatory electrocardiographic monitoring: can we predict sudden death? Armstrong WF, et al. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):13B-16B (34 ref.)

Cardiomyopathies and their role in sudden death. Brandenburg RO. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):185B-189B (15 ref.)

Role of emotions and stress in the genesis of sudden death. Eliot RS, et al. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):95B-98B (19 ref.)

Role of the electrocardiogram in identifying the patient at increased risk for sudden death. Fisch C. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):6B-8B (12 ref.)

Electromechanical dissociation and its possible role in sudden cardiac death. Fozzard HA. **J Am Coll Cardiol** 1985 Jun; 5(6 Suppl):31B-34B (19 ref.)

Role of platelets and thrombosis in coronary atherosclerotic disease and sudden death. Fuster V, et al. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):175B-184B (86 ref.)

Ventricular arrhythmias and sudden death in children. Garson A Jr, et al. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):130B-133B

Sudden death in a pediatric cardiology population, 1958 to 1983: relation to prior arrhythmias. Garson A Jr, et al. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):134B-137B

Supraventricular arrhythmias in children. Gillette PC. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):122B-129B (43 ref.)

Role of exercise testing in predicting sudden death. McHenry PL. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):9B-12B (16 ref.)

The stabilizing and unstabilizing influences of neurogenic and vascular activities of the heart as related to sudden cardiac death. McIntosh HD. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):105B-110B (33 ref.)

Role of atrial fibrillation and atrioventricular conduction (including Wolff-Parkinson-White syndrome) in sudden death. Meijler FL, et al. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):17B-22B

Lack of impact of prevention on sudden cardiac death. Oliver MF. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):150B-154B (29 ref.)

Relation and independence of angina pectoris and sudden death in persons with coronary atherosclerotic heart disease. Reeves TJ. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):167B-174B (22 ref.)

Regulation of cardiac vulnerability by the cerebral defense system. Skinner JE. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):88B-94B (94 ref.)

Prediction of sudden death and spontaneous ventricular tachycardia in survivors of complicated myocardial infarction: value of the response to programmed stimulation using a maximum of three ventricular extrastimuli. Waspe LE, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1292-301

Sudden cardiac death. Hicks D. **J Arkansas Med Soc** 1984 Oct;81(5):269-73

Sudden death, hypertension, and hypertrophy. Anderson KP.

J Cardiovasc Pharmacol 1984;6 Suppl 3:S498–503

Sudden death in cancer patients receiving lithium. Lyman GH, et al. **J Clin Oncol** 1984 Nov;2(11):1270–6

Sudden death in hemodialysis patients. Cohle SD, et al. **J Forensic Sci** 1985 Jan;30(1):158–66

Biochemical changes of the synovial liquid of corpses with regard to the cause of death. 2: Alkaline phosphatase, lactic acid dehydrogenase (LDH), and glutamic oxalacetic transaminase (GOT). More DS, et al. **J Forensic Sci** 1985 Apr;30(2):547–51

Biochemical changes of the synovial liquid in corpses with regard to the cause of death. 1: Calcium, inorganic phosphorus, glucose, cholesterol, urea nitrogen, uric acid, proteins, and albumin. More DS, et al. **J Forensic Sci** 1985 Apr;30(2):541–6

Cocaine-induced psychosis and sudden death in recreational cocaine users. Wetli CV, et al. **J Forensic Sci** 1985 Jul;30(3):873–80

Sudden, unforeseen fetal death in a woman being treated for premature labor. A case report. Lenke RR, et al. **J Reprod Med** 1984 Dec;29(12):872–4

Sudden death in adolescents resulting from the inhalation of typewriter correction fluid. King GS, et al. **JAMA** 1985 Mar 15;253(11):1604–6

Sudden, unexpected nocturnal deaths in Washington [letter] Paulozzi LJ, et al. **JAMA** 1985 May 10;253(18):2645

Sudden cardiac death during ambulatory Holter monitoring. Report on 3 documented cases. Rettig G, et al. **Jpn Heart J** 1984 Jul;25(4):639–49

Protective effects of the antianginal agent nicorandil on arachidonate-induced sudden death in rats: comparison with several antianginal agents and cyclooxygenase inhibitors. Sakai K, et al. **Jpn J Pharmacol** 1985 Jan;37(1):124–8

Sudden death of a volunteer [letter] **Lancet** 1985 Feb 9;1(8424):343–4

Bronchodilators, hypokalaemia, and fatal asthma [letter] Chapman KR, et al. **Lancet** 1985 Jul 20;2(8447):162

Sudden death of a volunteer. Darragh A, et al. **Lancet** 1985 Jan 12;1(8420):93–4

Two sudden deaths during prophylactic antiemetic treatment with high doses of domperidone and methylprednisolone [letter] Giaccone G, et al. **Lancet** 1984 Dec 8;2(8415):1336–7

Near-miss asthma deaths in children [letter] Kuzemko JA. **Lancet** 1985 Jan 5;1(8419):49

Exercise and sudden cardiac death [editorial] Freeman Z. **Med J Aust** 1985 Apr 1;142(7):383–4

Sudden death mechanisms in the alcoholic. **Med Leg Bull** 1984 Sep–Oct;33(5):1–7

Sudden death in a Nigerian due to rupture of an atherosclerotic abdominal aortic aneurysm. Onuigbo WI, et al. **Med Sci Law** 1985 Jan;25(1):69–71

Death during recreational exercise in the State of Rhode Island. Ragosta M, et al. **Med Sci Sports Exerc** 1984 Aug;16(4):339–42

Exercise and sudden cardiac death [letter] **N Engl J Med** 1985 Jan 17;312(3):183–5

A case of sudden death in the course of intravenous hyperalimentation. Inomata Y, et al. **Nippon Geka Hokan** 1984 Sep 1;53(5):672–6

Anomalous origin of the left coronary artery from the right coronary sinus. A cause of sudden death. Mitsudo SM, et al. **NY State J Med** 1984 Aug;84(8):402–5

Widely publicized jogging deaths don't negate the benefits of exercise. Polakoff PL. **Occup Health Saf** 1985 May;54(5):60, 62

Fatal varicella in a healthy young adult. Coppack SW, et al. **Postgrad Med J** 1985 Jun;61(716):529–31

Fatal splenic rupture in Ehlers-Danlos syndrome. Harris SC, et al. **Postgrad Med J** 1985 Mar;61(713):259–60

Sudden death due to isolated adrenal tuberculosis. Ward S, et al. **Postgrad Med J** 1985 Jul;61(717):635–6

Psychosocial predictors of sudden death: a review and critique. Binik YM. **Soc Sci Med** 1985;20(7):667–80

Familial infantile myasthenia gravis: a preventable cause of sudden death. Baptist EC, et al. **South Med J** 1985 Feb;78(2):201–2

Sudden death and sport. Northcote RJ, et al. **Sports Med** 1984 May–Jun;1(3):181–6

Sudden death due to massive intraventricular hemorrhage into an unsuspected ependymoma. Poon TP, et al. **Surg Neurol** 1985 Jul;24(1):63–6

Sudden cardiac death in adolescents. Sapire DW. **Tex Med** 1985 Jun;81(6):55–9

Sudden cardiac death. Maxwell LP. **W Va Med J** 1984 Dec;80(12):269–71

[Sudden death due to acute cerebellar hemorrhage in the youth] Cheng PS. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Apr;17(2):114–6 (Eng. Abstr.) **(Chi)**

[Sudden cardiac death] Braun P. **Cas Lek Cesk** 1984 Jul 20;123(29):884–5 **(Cze)**

[Death in connection with active sports] Johannessen AC, et al. **Ugeskr Laeger** 1984 Dec 31;147(1):1–4 (Eng. Abstr.) **(Dan)**

[Acute myocarditis. Cause of sudden death in connection with physical exertion] Johannessen AC, et al. **Ugeskr Laeger** 1984 Dec 31;147(1):26–7 (Eng. Abstr.) **(Dan)**

[Fatty infiltration of the heart. Cause of sudden death in connection with physical exertion] Johannessen AC, et al. **Ugeskr Laeger** 1984 Dec 31;147(1):25 (Eng. Abstr.) **(Dan)**

[Sudden death and obstructive hypertrophic cardiomyopathy] Baille N. **Ann Cardiol Angeiol (Paris)** 1985 Mar;34(3):155–60 (43 ref.) (Eng. Abstr.) **(Fre)**

[Sudden death in mitral valve prolapse. Apropos of 2 cases] Danchin N, et al. **Ann Cardiol Angeiol (Paris)** 1985 Mar;34(3):151–4 (Eng. Abstr.) **(Fre)**

[Sudden death in patients wearing pacemakers] Dodinot B, et al. **Ann Cardiol Angeiol (Paris)** 1985 Mar;34(3):161–6 (Eng. Abstr.) **(Fre)**

[Sudden death in athletes] Neimann JL. **Ann Cardiol Angeiol (Paris)** 1985 Mar;34(3):145–9 (Eng. Abstr.) **(Fre)**

[Missed sudden death caused by obstructive apnea in children (letter)] Guillois B, et al. **Arch Fr Pediatr** 1985 Feb;42(2):139 **(Fre)**

[Barbiturates and their pathogenetic role in cases of sudden death: diagnostic problems in the determination of causes of and circumstances surrounding death] Pasi A, et al. **Rev Med Suisse Romande** 1984 Nov;104(11):907–16 **(Fre)**

[Sudden cardiac death in long-term electrocardiography] von Olshausen K, et al. **Dtsch Med Wochenschr** 1985 Aug 2;110(31–32):1195–201 (Eng. Abstr.) **(Ger)**

[Sudden cerebral death. Pathophysiology and clinical aspects with special reference to the preliminary syndrome] Marx P. **Fortschr Med** 1985 Feb 14;103(6):109–13 (Eng. Abstr.) **(Ger)**

[Sudden heart death in idiopathic dilated cardiomyopathy--documentation in the 24-hour long-term ECG] Hofmann T, et al. **Internist (Berlin)** 1984 Aug;25(8):510–3 **(Ger)**

[Prognostic significance of heart arrhythmias] Dietz A. **Lebensversicherungsmedizin** 1984 Oct 5;36(8):186–9 (Eng. Abstr.) **(Ger)**

[Sudden cardiac death] Denier S, et al. **Schweiz Med Wochenschr** 1985 Apr 13;115(15):502–7 (Eng. Abstr.) **(Ger)**

[Arrhythmia behavior and sudden heart death in isolated stenoses or obstructions of the anterior interventricular branch] Trappe HJ, et al. **Z Kardiol** 1985 Mar;74(3):165–74 (Eng. Abstr.) **(Ger)**

[Sudden death during Holter monitoring] Eshchar Y, et al. **Harefuah** 1984 Nov 1;107(9):236–8 (Eng. Abstr.) **(Heb)**

[Relations between prolongation of the QT interval and sudden cardiac death after myocardial infarct] Mayer MC, et al. **Boll Soc Ital Cardiol** 1984 Jul–Aug;29(7–8):415–22 (Eng. Abstr.) **(Ita)**

[Prolongation of the QTc interval: a new risk factor for sudden cardiac death?] Puddu PE, et al. **Boll Soc Ital Cardiol** 1984 Sep–Oct;29(9–10):475–88 (75 ref.) **(Ita)**

[Neural mechanisms of sudden death] Schwartz PJ, et al. **Boll Soc Ital Cardiol** 1984 Jan–Feb;29(1–2):27–42 (Eng. Abstr.) **(Ita)**

[Relation between prolongation of the QT interval and sudden cardiac death after myocardial infarct] Mayer MC, et al. **Cardiologia** 1984 Jul–Aug;29(7–8):415–22 (Eng. Abstr.) **(Ita)**

[An autopsy case of sudden death by obstruction of the pulmonary artery in cardiac rhabdomyosarcoma] Masuda T, et al. **Gan No Rinsho** 1985 May;31(5):559–62 (Eng. Abstr.) **(Jpn)**

[Sudden death due to a minor strut fracture of Björk-Shiley prosthesis 14 months after mitral valve replacement: a case report] Satoh T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Oct;32(10):1844–9 (Eng. Abstr.) **(Jpn)**

[Structural and functional bases of the mechanisms of myocardial fibrillation in sudden cardiac death] Kakturskii LV. **Arkh Patol** 1985;47(1):86–91 (59 ref.) (Eng. Abstr.) **(Rus)**

[Prognostic significance of the state of the blood coagulation system for the development of myocardial infarction and sudden death in patients with ischemic heart disease] Deriagina GP. **Kardiologiia** 1984 Oct;24(10):69–73 (Eng. Abstr.) **(Rus)**

[Sudden death in hypertrophic obstructive cardiomyopathy] Ovodova NF. **Klin Med (Mosk)** 1984 Nov;62(11):60–2 **(Rus)**

[Pathogenetic role of the functional state of the stomach in sudden death in ischemic heart disease] Berezhnoi RV. **Sud Med Ekspert** 1984 Jul–Sep;27(3):20–2 (Eng. Abstr.) **(Rus)**

[Pearl tumor and telangiectasia of the hypophysis as a cause of sudden death] Matsko DE, et al. **Sud Med Ekspert** 1985 Apr–Jun;28(2):61–2 **(Rus)**

[Effect of environmental factors on sudden death in the Far North] Naumenko VG, et al. **Sud Med Ekspert** 1985 Jan–Mar;28(1):9–12 (Eng. Abstr.) **(Rus)**

[Diuretics, magnesium deficiency, sudden death and coronary disease] Reyes AJ. **Rev Clin Esp** 1984 Sep 30;174(6):205–15 (107 ref.) **(Spa)**

[Incidence of ventricular arrhythmias and their correlation with sudden death in patients with idiopathic dilated myocardiopathy] Illanes G, et al. **Rev Med Chil** 1984 Sep;112(9):877–83 (Eng. Abstr.) **(Spa)**

OCCURRENCE

Four-year incidence of myocardial infarction and sudden coronary death in twelve Finnish population cohorts. Suhonen O, et al. **Acta Med Scand** 1985;217(5):457–64

Ischaemic heart disease and prodromes of sudden cardiac death. Is it possible to identify high risk groups for sudden cardiac death? Madsen JK. **Br Heart J** 1985 Jul;54(1):27–32

A survey of unexpected deaths among psychiatric in-patients and ex-patients. Shaw S, et al. **Br J Psychiatry** 1984 Nov;145:473–6

An epidemiological perspective of sudden death. 26-year follow-up in the Framingham Study. Kannel WB, et al. **Drugs** 1984 Oct;28 Suppl 1:1–16

Sudden death in men with increased risk of myocardial infarction. The MRFIT Programme. Sherwin R. **Drugs** 1984 Oct;28 Suppl 1:46–53

Sudden unexpected death in children and adolescents. Driscoll DJ, et al. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):118B–121B

Sudden death: lessons from subsets in population studies. Kannel WB, et al. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):141B–149B (18 ref.)

Sudden death in sport before and after introduction of the Basic Fitness Test. Lynch P, et al. **J R Army Med Corps** 1985 Feb;131(1):42–6

Sudden and unexpected natural death in childhood and adolescence. Neuspiel DR, et al. **JAMA** 1985 Sep 13;254(10):1321–5

Prognosis of cardiac disease in the ambulant patient. Jelinek VM, et al. **Med J Aust** 1984 Sep 15;141(6):334–7

Myocardial infarction and sudden death in Auckland. Beaglehole R, et al. **NZ Med J** 1984 Oct 24;97(766):715–8

Sudden deaths in the mentally handicapped. Carter G, et al. **Psychol Med** 1984 Aug;14(3):691–5

[Survey of sudden death among 370,000 people in rural areas] Yao CL. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Apr;6(2):99–102 (Eng. Abstr.) **(Chi)**

[Sudden unexpected natural death between 2 and 30 years. A review of 78 cases] Siboni A, et al. **Ugeskr Laeger** 1984 Dec 31;147(1):43–6 (Eng. Abstr.) **(Dan)**

[Comparative studies of sudden and non-sudden death due to coronary disease] Hecht A, et al. **Zentralbl Allg Pathol** 1985;130(2):111–6 (Eng. Abstr.) **(Ger)**

[Sudden prehospital death from acute coronary insufficiency and myocardial infarct (based on data from the Acute Myocardial Infarct Registry in Vologda)] Banshchikov GT, et al. **Kardiologiia** 1985 Apr;25(4):103–4 **(Rus)**

[Sudden coronary death] Mazur NA. **Kardiologiia** 1985 Apr;25(4):5–11 (0 ref.) **(Rus)**

PATHOLOGY

Sudden coronary death: comparison of patients with to those without coronary thrombus at necropsy. Warnes CA, et al. **Am J Cardiol** 1984 Dec 1;54(10):1206–11

Maternal death associated with sickle cell trait. Pastorek JG 2d, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):295–7

Pathologic features of sudden death in children, adolescents, and young adults. Topaz O, et al. **Chest** 1985 Apr;87(4):476–82

Myocardial infarct size: correlation with cardiac arrhythmias and sudden death. Grande P, et al. **Eur Heart J** 1984 Aug;5(8):622–7

Solitary tumour metastasis: a rare cause of right ventricular outflow tract obstruction and sudden death. Norell MS, et al. **Eur Heart J** 1984 Aug;5(8):684–8

Instantaneous death. Krishnan NR, et al. **Indian Heart J** 1984 Jul–Aug;36(4):211–4

Ventricular tachycardia and sudden death in myotonic dystrophy: clinical, electrophysiologic and pathologic features. Grigg LE, et al. **J Am Coll Cardiol** 1985 Jul;6(1):254–6

Normal variations and pathologic changes in structure of the cardiac conduction system and their functional significance. James TN. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):71B–78B

Mechanical failure of a mitral valve prosthesis: an unusual case of sudden unexpected death. Clark MA. **J Forensic Sci** 1985 Apr;30(2):552–5

Bone marrow emboli versus fat emboli as the cause of unexpected death. Perrot LJ, et al. **J Forensic Sci** 1985 Apr;30(2):338–44

The second post-mortem and deaths overseas: a case report. Cordner SM. **Med Sci Law** 1984 Oct;24(4):261–4

Exercise and the heart. A review of cardiac pathology associated with physical activity. Virmani R, et al. **Pathol Annu** 1985;20 Pt 2:431–62 (101 ref.)

Sudden death of a champion athlete. Autopsy findings. Noakes TD, et al. **S Afr Med J** 1984 Sep 22;66(12):458–9

Serum levels of digoxin in sudden cardiac deaths. Eriksson M, et al. **Z Rechtsmed** 1984;93(1):29–32

Swimming and loss of consciousness. Suzuki T, et al. **Z Rechtsmed** 1985;94(2):121–6

[Limits of the investigation of fatal traffic accidents from the forensic medicine viewpoint] Miltner E, et al. **Lebensversicherungsmedizin** 1984 Nov 15;36(9):208–12 (Eng. Abstr.) **(Ger)**

[Sudden death in children: histological findings in the salivary glands] Molz G, et al. **Pathologe** 1985 Jan;6(1):8–12 **(Ger)**

[Fatalities in sports in the young] Schneider V. **Unfallheilkunde** 1984 Dec;87(12):495–505 (Eng. Abstr.) **(Ger)**

[Sudden heart death in Takayasu aortitis with severe stenosis of the left coronary ostium] Meyer W, et al. **Vasa** 1985;

14(2):180-3 (Eng. Abstr.) (Ger)

[Unexpected sudden death from natural causes in sports. A pathologic-anatomic analysis and synopsis] Breitfellner G. **Wien Med Wochenschr** 1985 May 31;135(9-10):245-51 (Ger)

[Ultrastructural findings in the stellate ganglion following sudden death] Schwalew WN, et al. **Z Mikrosk Anat Forsch** 1984;98(4):543-50 (Eng. Abstr.) (Ger)

[Sudden death in methamphetamine abusers: a histological study of the heart] Matoba R, et al. **Nippon Hoigaku Zasshi** 1984 Apr;38(2):199-205 (Eng. Abstr.) (Jpn)

[Primary and secondary (reactive) thymus hyperplasia in cases of sudden death] Popov MS, et al. **Arkh Patol** 1984; 46(11):74-9 (Eng. Abstr.) (Rus)

[Electron microscopic study of postmortem fibrinolysis] Senianskaia NL. **Arkh Patol** 1985;47(2):58-65 (Eng. Abstr.) (Rus)

[Sudden death outside the hospital from coronary heart disease: the state of the intercoronary artery collaterals] Stalioraitite EI, et al. **Arkh Patol** 1985;47(4):22-6 (Eng. Abstr.) (Rus)

[Atherosclerotic stenosis of the coronary arteries and contraction lesions of the myocardium in sudden coronary death] Zhdanov VS, et al. **Arkh Patol** 1985;47(3):14-9 (Eng. Abstr.) (Rus)

[Changes in the Ca2+ concentration in subcellular fractions of myocardiocytes in sudden death in coronary disease] Sopka NV, et al. **Sud Med Ekspert** 1985 Jan-Mar;28(1):12-4 (Eng. Abstr.) (Rus)

PREVENTION & CONTROL

Reducing the prevalence of exercise related cardiac death. Northcote RJ, et al. **Br J Sports Med** 1984 Dec; 18(4):288-92

[Development of a pulse generator for the prevention of syncope and sudden death during the monitoring of heart block] Arai Y, et al. **Iyodenshi To Seitai Kogaku** 1984 Jun; 22(3):180-5 (Eng. Abstr.) (Jpn)

[Interaction of forensic medical and therapeutic services in preventing sudden death] Molin IuA. **Sud Med Ekspert** 1985 Apr-Jun;28(2):56-7 (Rus)

THERAPY

Intravenous propranolol in the treatment of repetitive ventricular tachyarrhythmias during resuscitation from sudden death. Mason JR, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):161-5

VETERINARY

An epizootiological study of acute death syndrome and leg weakness in broiler chickens in western Canada. Riddell C, et al. **Avian Dis** 1985 Jan-Mar;29(1):90-102

A study of cartilaginous nodules in the lungs of domestic poultry. Sarango JA, et al. **Avian Dis** 1985 Jan-Mar; 29(1):116-27

Unexpected death in an adult dog with anomalous origin of the left coronary artery from the pulmonary trunk. Turk MA, et al. **Cornell Vet** 1984 Oct;74(4):344-8

Sudden death syndrome in broilers: dietary fat supplementation and its effect on tissue composition. Rotter B, et al. **Poult Sci** 1985 Jun;64(6):1128-36

Sudden death in rough collies [letter] Cronin PM. **Vet Rec** 1984 Dec 22-29;115(25-26):667

Sudden deaths in wethers associated with fatty livers. Malone F, et al. **Vet Rec** 1984 Nov 17;115(20):516

3-DEAZAURIDINE see under **URIDINE**

DEBRIDEMENT

Laser-assisted debridement of aortic valve calcium. Isner JM, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):448-52

Experimental electrical burns: low voltage. Laberge LC, et al. **Ann Plast Surg** 1984 Sep;13(3):185-90

Role of débridement and trifluridine (trifluorothymidine) in herpes simplex dendritic keratitis. Parlato CJ, et al. **Arch Ophthalmol** 1985 May;103(5):673-5

Joint debridement in the treatment of advanced hemophilic knee arthropathy. Soreff J. **Clin Orthop** 1984 Dec; (191):179-84

The efficacy of free tissue transfer in the treatment of osteomyelitis [letter] Gordon L, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1494-5

Ketamine use in a burn center: hallucinogen or debridement facilitator? Martinez S, et al. **J Psychoactive Drugs** 1985 Jan-Mar;17(1):45-9

Maggot therapy revisited. Bunkis J, et al. **West J Med** 1985 Apr;142(4):554-6

[Results of discussion on the topic: 'What is meant by primary surgical debridement of wounds?'] Kaplan AV. **Ortop Travmatol Protez** 1985 May;(5):59-64 (Rus)

METHODS

The tangential excision of extensive or deep burns. Sun YH, et al. **Burns Incl Therm Inj** 1984 Oct;11(1):31-4

The effect of alignment on results in arthroscopic debridement of the degenerative knee. Salisbury RB, et al. **Clin Orthop** 1985 Sep;(198):268-72

How do the methods and timing of debridement affect the quality of repair? Cohen IK. **J Trauma** 1984 Sep;24(9 Suppl):S25-9

Elase and wound debridement [letter] Chapple JS. **NZ Med J** 1984 Oct 10;97(765):701

Injuries causing major loss of scalp. Feierabend TC, et al. **Plast Reconstr Surg** 1985 Aug;76(2):189-94

[Improvement of debridement with irrigation and suction in the treatment of chronic myelitis] Zhang BL. **Chung Hua Wai Ko Tsa Chih** 1984 Aug;22(8):499-500, 512 (Eng. Abstr.) (Chi)

[Mechanical and enzymatic wound debridement] Marti MC. **Schweiz Rundsch Med Prax** 1984 Jul 31;73(30-31):927-9 (Eng. Abstr.) (Fre)

[Plastic surgical therapy of the 'open leg'] Tschopp H, et al. **Ther Umsch** 1984 Dec;41(12):878-82 (Eng. Abstr.) (Ger)

[Low-frequency ultrasonics in primary surgical debridement of suppurative wounds of soft tissues] Gostishchev VK, et al. **Khirurgiia (Mosk)** 1985 May;(5):29-33 (Eng. Abstr.) (Rus)

[The nature of primary surgical debridement] Cherkes-Zade DI, et al. **Ortop Travmatol Protez** 1984 Dec;(12):45-6 (Rus)

[Surgical first aid in open injuries of the limbs] Goriachev AN, et al. **Ortop Travmatol Protez** 1985 Mar;(3):70-1 (Rus)

[Use of dimiphen blue to determine the viability of mechanically injured tissues] Kalnberz VK, et al. **Vestn Khir** 1985 Jan;134(1):99-100 (Eng. Abstr.) (Rus)

DEBRISOQUIN see under **ISOQUINOLINES**

DECALCIFICATION, PATHOLOGIC see under **CALCIUM METABOLISM DISORDERS**

DECALCIFICATION TECHNIC

The use of chromic potassium sulphate in bone electron microscopy. Liem RS, et al. **Acta Morphol Neerl Scand** 1984 Oct;22(3):233-43

Control of rapid nitric acid decalcification. Mawhinney WH, et al. **J Clin Pathol** 1984 Dec;37(12):1409-13

DECAMETHONIUM COMPOUNDS

PHARMACODYNAMICS

Neuromuscular blockade of selected E,E- and Z,Z-isomeric oxime ethers of delta 4-androstene-3,17-dione dioxime as compared to D-tubocurarine and decamethonium. Dodson RA, et al. **Proc West Pharmacol Soc** 1984;27:73-6

DECANOATES see under **DECANOIC ACIDS**

DECANOIC ACIDS

ADVERSE EFFECTS

Allergic dermatitis from etofenamate. Balato N, et al. **Contact Dermatitis** 1984 Sep;11(3):190

METABOLISM

[Intraenterocytic metabolism and blood uptake of caproic and oleic acids in control and actidione-cycloheximide-treated rats] Bernard A, et al. **Reprod Nutr Dev** 1984;24(5A):543-56 (Eng. Abstr.) (Fre)

TOXICITY

Thyroid, bradycardic and hypothermic effects of perfluoro-n-decanoic acid in rats. Langley AE, et al. **J Toxicol Environ Health** 1985;15(3-4):485-91

[Environmental hygiene in the production of aliphatic dicarbonic acids] Novikov IuV, et al. **Gig Sanit** 1984 Dec; (12):40-4 (34 ref.) (Rus)

DECARBOXYCYSTINE see **CYSTAMINE**

DECARBOXYLASES see **CARBOXY-LYASES**

DECARBOXYLATION see under **CHEMISTRY, ORGANIC**

DECAYED, MISSING, AND FILLED TEETH see **DMF INDEX**

DECELERATION see under **ACCELERATION**

DECEREBRATE STATE

Motor activity in decerebrate rats: spontaneous and nutrient-induced changes. Junquera J, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R945-52

Reflex actions of muscle afferents on fusimotor innervation in decerebrated cats: an assessment of beta contributions. Grill SE, et al. **Exp Brain Res** 1985;59(2):282-95

Autogenetic reflex action in tibialis anterior compared with that in soleus muscle in the decerebrate cat. Nichols TR. **Exp Brain Res** 1985;59(2):232-41

Conditioned stimulus intensity: role of cutaneous fiber size in classical conditioning of the flexion reflex in the spinal cat. Misulis KE, et al. **Exp Neurol** 1984 Oct;86(1):81-92

Interaction of the enantiomers of 3-0-methyldobutamine, a metabolite of dobutamine, with alpha- and beta-adrenoreceptors in the cardiovascular system of the pithed rat. Ruffolo R Jr, et al. **J Auton Pharmacol** 1984 Dec;4(4):295-302

Three forms of the scratch reflex in the spinal turtle: movement analyses. Mortin LI, et al. **J Neurophysiol** 1985 Jun;53(6):1501-16

Effect of pithing on the postjunctional sympatho-inhibitory action of captopril in cats. de Jonge A, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Nov; 328(1):30-2

Interactions between the putative calcium entry promotor Bay k 8644 and pressor responses produced by alpha 1- and alpha 2-adrenoceptor agonists in the pithed normotensive rat. Wilffert B, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Nov; 328(1):76-82

COMPLICATIONS

Decerebrate posturing with the syndrome of inappropriate secretion of antidiuretic hormone. Jabre A, et al. **Surg Neurol** 1985 Jan;23(1):56-8

DIAGNOSIS

Bilateral decerebration in head-injury patients. An analysis of sixty-two cases. Mahapatra AK, et al. **Surg Neurol** 1985 May;23(5):536-40

ETIOLOGY

Reversible decerebrate posturing secondary to hypoglycemia. Seibert DG. **Am J Med** 1985 Jun;78(6 Pt 1):1036-7

Traumatic decerebracy with preserved consciousness and voluntary movement. Pattisapu J, et al. **Neurosurgery** 1985 Jan;16(1):71-4

Fixed fetal heart rate pattern after intrauterine accidental decerebration. van der Moer PE, et al. **Obstet Gynecol** 1985 Jan;65(1):125-7

A case of attempted suicide by self-hanging. Braye SG, et al. **Resuscitation** 1985 Mar;12(4):247-51

METABOLISM

Cortical acetylcholine efflux with hypercapnia and nociceptive stimulation. Hudson DM, et al. **Brain Res** 1985 Jul 15;338(2):267-72

In vivo binding of N-n-propylnorapomorphine in the rat striatum: quantification after lesions produced by kainate, 6-hydroxydopamine and decortication. Van der Werf JF, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):251-9

Quantification of in vivo spiperone binding in the rat striatum after lesions produced by kainate or decortication. Van der Werf JF, et al. **Eur J Pharmacol** 1984 Jul 20; 102(3-4):387-99

PHYSIOPATHOLOGY

Cerveau isolé and pretrigeminal rats. Zernicki B, et al. **Acta Neurobiol Exp (Warsz)** 1984;44(4):159-77

Effects of anesthetics on regional hemodynamics in normovolemic and hemorrhaged rats. Seyde WC, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):H164-73

Ascending and descending effects of joint afferent discharge on forelimb and hindlimb flexion reflex excitability in decerebrate cats. Baxendale RH, et al. **Brain Res** 1985 Apr 22;332(2):394-6

The effects of decerebration and destruction of nucleus raphe magnus, periaqueductal grey matter and brainstem lateral reticular formation on the depression due to surgical trauma of the jaw-opening reflex evoked by tooth-pulp stimulation in the cat. Clarke RW. **Brain Res** 1985 Apr 22;332(2):231-6

The participation of forelimb flexors in labyrinth and neck reflexes in the decerebrate cat. Conway BA, et al. **Brain Res** 1984 Nov 19;322(1):148-51

Effects of naloxone on the cardiovascular responses to muscular contraction in decerebrate cats. Waldrop TG, et al. **Brain Res** 1984 Nov 19;322(1):152-6

Non-linearity of visual evoked potentials in cerveau isolé and midpontine pretrigeminal cats. Shibagaki M, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;62(1):65-73

Phasic and tonic modulation of impulse rates in gamma-motoneurons during locomotion in premammillary cats. Murphy PR, et al. **J Neurophysiol** 1984 Aug; 52(2):228-43

Fictive locomotion of the forelimb evoked by stimulation of the mesencephalic locomotor region in the decerebrate cat. Amemiya M, et al. **Neurosci Lett** 1984 Sep 7; 50(1-3):91-6

Responses of cerebellar Purkinje cells to mechanical perturbations during locomotion of decerebrate cats. Matsukawa K, et al. **Neurosci Res** 1985 Jun;2(5):393-8

[Functional roles played by lateral vestibular neurons during controlled locomotion in the mesencephalic cat] Kanaya T. **Nippon Jibiinkoka Gakkai Kaiho** 1984 May;87(5):667-80 (Eng. Abstr.) (Jpn)

DECIDUA

Intraperitoneal bleeding from ectopic decidua following hormonal contraception. Case report. Tang LC, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):102-3

Decidual cast mimicking an intrauterine gestational sac and fetal pole in a patient with ectopic pregnancy. A case report. Benacerraf B, et al. **J Reprod Med** 1984 Jul; 29(7):498-500

The decidua-chorionic sac: a reliable sonographic indicator of intrauterine pregnancy prior to detection of a fetal pole. Cadkin AV, et al. **J Ultrasound Med** 1984 Dec;3(12):539-48

[Tumorigenicity of the cell lines (TTK-1 cell lines) derived from normal human decidua in nude mice] Tateyama I, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Nov; 36(11):2115-20 (Eng. Abstr.) **(Jpn)**

[Value of the colposcopic diagnosis of decidual ectopy in early pregnancy] Basta A, et al. **Ginekol Pol** 1984 May; 55(5):331-8 (Eng. Abstr.) **(Pol)**

ANALYSIS

Laminin distribution in human decidua and immature placenta. An immunoelectron microscopic study (avidin-biotin-peroxidase complex method). Charpin C, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):822-6

A recognition system for sex-hormone-binding protein-estradiol complex in human decidual endometrium plasma membranes. Strel'chyonok OA, et al. **Biochim Biophys Acta** 1984 Dec 20;802(3):459-66

The content of placental protein 12 in decidua and fetal membranes is greater than in placenta. Rutanen EM, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1240-4

Relation between steroid receptor levels and prolactin level in the decidua of early human pregnancy. Tamaya T, et al. **Fertil Steril** 1985 May;43(5):761-5

Immunocytochemical localization of relaxin in human decidua and placenta. Koay ES, et al. **J Clin Endocrinol Metab** 1985 May;60(5):859-63

Immunochemical detection and characterization of pregnancy-associated endometrial alpha 1- and alpha 2-globulins secreted by human endometrium and decidua. Bell SC, et al. **J Reprod Fertil** 1985 May;74(1):261-70

Immunohistochemical localization of pregnancy-associated plasma protein A in decidua and trophoblast: comparison with human chorionic gonadotrophin and fibrin. Schindler AM, et al. **Placenta** 1984 May-Jun;5(3):227-35

[Estrogen and progesterone receptors in the decidual tissue of women administered prostaglandins and experiencing spontaneous abortion] Asribekova MK, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):26-9 (Eng. Abstr.) **(Rus)**

ANATOMY & HISTOLOGY

Decidual morphology and F prostaglandin in amniotic fluid in stretch-induced abortion. Manabe Y, et al. **Obstet Gynecol** 1984 Nov;64(5):661-5

BLOOD SUPPLY

[Relation of uteroplacental circulation and morphologic findings in myometrial and decidual arteries in diabetic pregnancy] Semmler K, et al. **Zentralbl Gynakol** 1985; 107(6):329-38 (Eng. Abstr.) **(Ger)**

CYTOLOGY

Light and electron microscopic examination of the mature decidual cells of the rat with emphasis on the antimesometrial decidua and its degeneration. Welsh AO, et al. **Am J Anat** 1985 Jan;172(1):1-29

Characterization of murine decidual natural killer (NK) cells and their relevance to the success of pregnancy. Croy BA, et al. **Cell Immunol** 1985 Jul;93(2):315-26

Characterization of immune effector cells present in early murine decidua. Gambel P, et al. **Cell Immunol** 1985 Jul; 93(2):303-14

Uterine deoxyribonucleic acid synthesis during preimplantation in precursors of stromal cell differentiation during decidualization. Moulton BC, et al. **Endocrinology** 1984 Oct;115(4):1302-7

Maternal metaphases on direct chromosome preparation of first trimester decidua. Blakemore KJ, et al. **Hum Genet** 1985;69(4):380

Decidual cell-specific surface antigen(s) recognized by monoclonal antibodies: tissue and species distribution. Kearns M, et al. **J Immunol** 1985 Aug;135(2):1046-52

Evidence that decidual cells are not derived from bone marrow. Fowlis DJ, et al. **Transplantation** 1985 Apr; 39(4):445-6

Origin of decidual cells in murine pregnancy and pseudopregnancy. Gambel P, et al. **Transplantation** 1985 Apr;39(4):443-5

DRUG EFFECTS

Oxetorone-induced hyperprogesteronemia and the development of uterine decidual lesions in rats. Barchewitz G, et al. **Arzneimittelforsch** 1984;34(9):1007-10

Intraluminally injected oil induces changes in vascular permeability in the 'sensitized' and 'non-sensitized' uterus of the mouse. Milligan SR, et al. **J Reprod Fertil** 1985 May; 74(1):95-104

ENZYMOLOGY

Diamine oxidase activity in human decidua and endometrium. Holinka CF, et al. **Am J Obstet Gynecol** 1984 Oct 15; 150(4):359-63

Activity of lysosomal hydrolases in human placenta, amnion, decidua and myometrium in the 2nd and 3rd trimester. Isaksson A, et al. **Enzyme** 1985;33(1):57-9

Proteolytic activity in the placenta, decidua and postimplantation embryos of the rat. Fein A, et al. **Isr J Med Sci** 1985 Apr;21(4):394-6

Purification and properties of gamma-glutamyl transpeptidase from rat deciduoma. Tarachand U. **J Appl Biochem** 1984 Oct-Dec;6(5-6):278-88

IMMUNOLOGY

Suppressor cells in human decidua. Daya S, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):267-70

Rat pregnancy immunoregulatory circuits are progestation hormonal status, decidual tissue, embryo-trophoblast and late pregnancy changes dependent. Mohammad M, et al. **Am J Reprod Immunol** 1984 Dec;6(4):159-66

Antigen-presenting capacity of mouse decidual tissue and placenta. Elcock JM, et al. **Am J Reprod Immunol Microbiol** 1985 Mar;7(3):99-103

Selective localization of a bone marrow cell subpopulation at the implantation site in murine decidua. Krcek J, et al. **Am J Reprod Immunol Microbiol** 1985 Mar;7(3):95-8

Immunohistological characterization of the decidual leucocytic infiltrate related to endometrial gland epithelium in early human pregnancy. Bulmer JN, et al. **Immunology** 1985 May;55(1):35-44

Active suppression of host-vs-graft reaction in pregnant mice. VI. Soluble suppressor activity obtained from decidua of allopregnant mice blocks the response to IL 2. Clark DA, et al. **J Immunol** 1985 Mar;134(3):1659-64

METABOLISM

Prolactin bioactivity following decidual synthesis and transport by amniochorion. McCoshen JA, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):217-23

Changes in the synthesis and metabolism of prostaglandins by human fetal membranes and decidua at labor. Skinner KA, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):519-23

Relation between cyclic adenosine monophosphate and prostaglandin output by dispersed cells from human amnion and decidua. Warrick C, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):66-71

Identification of the mRNA coding for prolactin in the human decidua. Taii S, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):530-7

Growth characteristics of human first trimester decidual cells cultured in serum-free medium: production of prolactin, prostaglandins and fibronectin. Hochner-Celnikier D, et al. **Biol Reprod** 1984 Nov;31(4):827-36

Characterization of deciduoma marker proteins in hamster uterus: detection in decidual cell cultures. Leavitt WW, et al. **Biol Reprod** 1985 Apr;32(3):631-43

Protein synthesis and secretion by the human endometrium and decidua during early pregnancy. Bell SC, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):793-803

Study of oxytocin receptor: II. oxytocin and prostaglandin F2 alpha receptors in human myometria and amnion-decidua complex during pregnancy and labor. Fukai H, et al. **Endocrinol Jpn** 1984 Oct;31(5):565-70

Productivity of immunoreactive prolactin (IR-PRL) by the human decidual explants: a new sampling method. Ogino M. **Endocrinol Jpn** 1985 Feb;32(1):175-80

Synthesis of placental protein 12 by human decidua. Rutanen EM, et al. **Endocrinology** 1985 Apr;116(4):1304-9

Cortisol metabolism in human placenta and decidua is resistant to anoxia. López Bernal A, et al. **Horm Metab Res** 1985 Mar;17(3):167

In vitro metabolism of 25-hydroxycholecalciferol by isolated cells from human decidua. Delvin EE, et al. **J Clin Endocrinol Metab** 1985 May;60(5):880-5

Stimulation of myometrial and decidual prostaglandin production by amniotic fluid from term, but not midtrimester pregnancies. Rehnström J, et al. **Prostaglandins** 1983 Dec;26(6):973-81

PATHOLOGY

Maternal floor infarction. Naeye RL. **Hum Pathol** 1985 Aug; 16(8):823-8

Decidual changes in the endometrium and morphological adaptation of the associated supplying arteries in the normal and diabetic pseudopregnant rat. Norambuena J, et al. **Placenta** 1984 May-Jun;5(3):249-60

[Functional morphology of chorionic villi and decidual tissue in hyperemesis gravidarum] Glukhovets BI, et al. **Akush Ginekol (Mosk)** 1985 May;(5):66-8 **(Rus)**

PHYSIOLOGY

Decidua-associated changes in guinea pig uterine blood flow and volume: relation to uterine norepinephrine concentrations. Garris DR, et al. **Anat Rec** 1985 Apr; 211(4):410-13

Estrogen and uterine sensitization for the decidual cell reaction in the rat: role of prostaglandin E2 and adenosine 3':5'-cyclic monophosphate. Johnston ME, et al. **Biol Reprod** 1984 Dec;31(5):959-66

Deciduomal response in androgenized rats: effect of age and steroid replacement therapy. Matton P, et al. **Biol Reprod** 1985 Jun;32(5):1095-100

Differential action of decidual luteotropin on luteal and follicular production of testosterone and estradiol. Gibori G, et al. **Endocrinology** 1985 May;116(5):1784-91

An assessment of mast-cell deficient mice (W/Wv) as a model system to study the role of histamine in implantation and deciduoma formation. Wordinger RJ, et al. **J Reprod Fertil** 1985 Mar;73(2):451-6

Identification and partial characterization of a prolactin-like hormone produced by rat decidual tissue. Jayatilak PG, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):217-21

SECRETION

Decreased prolactin secretion by decidual tissue of pre-eclampsia in vitro. Golander A, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):111-3

ULTRASTRUCTURE

The differentiation of granulated metrial gland cells in chimeric mice and the effect of uterine shielding during irradiation. Peel S, et al. **J Anat** 1984 Dec;139 (Pt 4):593-8

DECISION MAKING

see related
GAME THEORY
POLICY MAKING

Research perspectives on decision making under uncertainty. Basic theory, methodology, risk and applications. Selected proceedings of the Ninth Research Conference on Subjective Probability, Utility and Decision Making, Groningen, August 29-September 2, 1983. **Acta Psychol (Amst)** 1984 Aug;56(1-3):1-340

An exploratory study of life-change events, social support and pregnancy decisions in adolescents. Carlson ML, et al. **Adolescence** 1984 Winter;19(76):765-80

Clinical responsiveness to laboratory results. Durbridge TC. **Am J Clin Pathol** 1984 Dec;82(6):725-9

Decision making and job satisfaction among youth workers in community-based agencies. Frank S, et al. **Am J Community Psychol** 1985 Jun;13(3):269-87

When it isn't life or death. Scott RS. **Am J Nurs** 1985 Jan; 85(1):19-20

Science and policy making [editorial] Rothman KJ, et al. **Am J Public Health** 1985 Apr;75(4):340-1

Surgeon's role in ethical decisions. English DC. **Am Surg** 1985 Jul;51(7):423-5

Bioethical decision-making: which path to choose? Overduin DC. **Ann NY Acad Sci** 1985;442:583-4

'Do not resuscitate' decisions. A prospective study at three teaching hospitals. Lo B, et al. **Arch Intern Med** 1985 Jun; 145(6):1115-7

Donor's choice or Hobson's choice? Spital A, et al. **Arch Intern Med** 1985 Jul;145(7):1297-301

Degree of post-decisional confidence as a function of the distances of the offered alternatives from an 'ideal' alternative. Zakay D, et al. **Arch Psychol (Frankf)** 1984; 136(4):293-300

A comparison of decision analysis and second opinions for surgical decisions. Clarke JR. **Arch Surg** 1985 Jul; 120(7):844-7

An in vitro study of restorative dental treatment decisions and dental caries. Merrett MC, et al. **Br Dent J** 1984 Aug 25;157(4):128-33

Feature-processing deficits following brain injury. II. Classification learning, categorical decision making, and feature production. Wayland S, et al. **Brain Cogn** 1985 Jul; 4(3):356-76

Ethical decision-making by hospital committees [letter] de Watcher MA, et al. **Can Med Assoc J** 1984 Oct 1; 131(7):713-4

Medical decisions in a context of conflicts. Engelhardt HT Jr. **Chest** 1985 Sep;88(3 Suppl):172S-174S

Decision making in asthma self-management. Hindi-Alexander MC. **Chest** 1985 Jan;87(1 Suppl):100S-104S

Single parents, extended households, and the control of adolescents. Dornbusch SM, et al. **Child Dev** 1985 Apr; 56(2):326-41

Decision-making factors in cases of child neglect. Alter CF. **Child Welfare** 1985 Mar-Apr;64(2):99-111

Variation in radiographic interpretation and restorative treatment decisions on approximal caries among dentists in Norway. Espelid I, et al. **Community Dent Oral Epidemiol** 1985 Feb;13(1):26-9

A method of analysing general practitioner decision making concerning home or hospital coronary care. Stephenson AE, et al. **Community Health Stud** 1984;8(3):297-300

Decision making in the emergency department. Jacobson S. **Compr Ther** 1985 Apr;11(4):16-23

Answer justification in medical decision support systems based on Bayesian classification. Reggia JA, et al. **Comput Biol Med** 1985;15(4):161-7

Bias, maximum likelihood estimators, and sequential clinical trials. Dupont WD. **Controlled Clin Trials** 1984 Sep; 5(3):275-7

Constraints, satisfaction and residential mobility: Speare's model reconsidered. Landale NS, et al. **Demography** 1985 May;22(2):199-222

Radiographic decision-making by the emergency physician. Long AE. **Emerg Med Clin North Am** 1985 Aug; 3(3):437-46 (52 ref.)

Induced arrhythmias in clinical decision making. Breithardt G, et al. **Eur Heart J** 1984 Sep;5 Suppl B:35-42

Placement decisions revisited: IQ doesn't always tip the scale. Knoff HM. **Except Child** 1984 Oct;51(2):122–8

Autonomy, power, and decision-making in thirty-six retirement communities. Streib GF, et al. **Gerontologist** 1985 Aug;25(4):403–9

Seeking urgent pediatric treatment: factors contributing to frequency, delay, and appropriateness. Turk DC, et al. **Health Psychol** 1985;4(1):43–59

Prescribing drugs to men and women. Verbrugge LM, et al. **Health Psychol** 1985;4(1):79–98

The hepatitis B vaccine: utilization decision process and outcomes in community hospitals. Kirkman-Liff B, et al. **Health Serv Res** 1985 Jun;20(2):163–82

Factors affecting nurses' decisions to medicate pediatric patients after surgery. Burokas L. **Heart Lung** 1985 Jul;14(4):373–9

Events leading to the treatment of coronary artery disease: implications for nursing care. Gilliss CL, et al. **Heart Lung** 1985 Jul;14(4):350–6

Psychological issues in genetic counselling. Reif M, et al. **Hum Genet** 1985;70(3):193–9 (30 ref.)

Need and decision making in dentistry--an economic perspective. Yule BF. **Int Dent J** 1984 Sep;34(3):219–23

Aging and information seeking: patterns in sampling of sucrose solutions. Shapira N, et al. **Int J Aging Hum Dev** 1984–85;20(2):103–12

Rational decisions and occupational health: a critical view. Chasse JD, et al. **Int J Health Serv** 1984;14(3):433–45

Sex-role stereotype, self-concept, education and experience: do they influence decision-making? Joseph DH. **Int J Nurs Stud** 1985;22(1):21–32

Contraceptive decision-making in urban, black female adolescents: its relationship to cognitive development. Sachs B. **Int J Nurs Stud** 1985;22(2):117–26

Decision making in the care of terminally ill incompetent persons: concerns about the role of the courts. Mariner WK. **J Am Geriatr Soc** 1984 Oct;32(10):739–46

The use of quality-of-life considerations in medical decision making. Pearlman RA, et al. **J Am Geriatr Soc** 1985 May;33(5):344–52

Normative and technical error in the emergency department. Rosen P, et al. **J Emerg Med** 1983;1(2):155–60

Individual differences in the use of simplification strategies in a complex decision-making task. Onken J, et al. **J Exp Psychol [Hum Percept]** 1985 Feb;11(1):14–27

Decision making under uncertainty: a comparison of simple scalability, fixed-sample, and sequential-sampling models. Busemeyer JR. **J Exp Psychol [Learn Mem Cogn]** 1985 Jul;11(3):538–64

Order-relevant and order-irrelevant decision rules in multiletter matching. Proctor RW, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Jul;11(3):519–37

The quality of emergency room radiograph interpretations. McLain PL, et al. **J Fam Pract** 1985 May;20(5):443–8

Informed consent and incompetent medical patients. Munetz MR, et al. **J Fam Pract** 1985 Mar;20(3):273–9

Computer support for management decision making in family practice. Taylor TR. **J Fam Pract** 1984 Oct;19(4):567–70

Factors predicting pregnancy resolution decision satisfaction of unmarried adolescents. Eisen M, et al. **J Genet Psychol** 1984 Dec;145(2D Half):231–9

Predicting the retirement intentions and attitudes of professional workers. Kilty KM, et al. **J Gerontol** 1985 Mar;40(2):219–27

Patient selection for heart transplantation: when is a discriminating choice discrimination? Merrikin KJ, et al. **J Health Polit Policy Law** 1985 Spring;10(1):7–32

Heuristic approaches to decision-making in the delivery of primary health care within developing regions. Parker BR, et al. **J Health Polit Policy Law** 1985 Spring;10(1):157–80

Health plan selection in the Federal Employees Health Benefits Program. Schuttinga JA, et al. **J Health Polit Policy Law** 1985 Spring;10(1):119–39

Proxy consent for incompetent non-terminally ill adult patients. Solnick PB. **J Leg Med (Chicago)** 1985 Mar;6(1):1–49 (0 ref.)

Non-patient decision-making in medicine: the eclipse of altruism. Battin MP. **J Med Philos** 1985 Feb;10(1):19–44

Parental discretion and children's rights: background and implications for medical decision-making. Schoeman F. **J Med Philos** 1985 Feb;10(1):45–61

Lay medical ethics. Veatch RM. **J Med Philos** 1985 Feb;10(1):1–5

Improving clinical decision making in nursing. Jenkins HM. **J Nurs Educ** 1985 Jun;24(6):242–3

Faculty and administrator perceptions of decision making. O'Kane PK. **J Nurs Educ** 1984 Oct;23(8):329–31

Locus of decision making in schools of nursing. Wakefield-Fisher M. **J Nurs Educ** 1985 Feb;24(2):82–4

Effects of stereotypes on decision making and information-processing strategies. Bodenhausen GV, et al. **J Pers Soc Psychol** 1985 Feb;48(2):267–82

The effects of jury size and polling method on the process and product of jury deliberation. Kerr NL, et al. **J Pers Soc Psychol** 1985 Feb;48(2):349–63

Prototype matching: a strategy for social decision making. Niedenthal PM, et al. **J Pers Soc Psychol** 1985 Mar;48(3):575–84

Bystander response to arterial bleeding: helping skills, the decision-making process, and differentiating the helping response. Shotland RL, et al. **J Pers Soc Psychol** 1985 Aug;49(2):347–56

Decisional balance measure for assessing and predicting smoking status. Velicer WF, et al. **J Pers Soc Psychol** 1985 May;48(5):1279–89

Group decision making by experts: field study of panels evaluating medical technologies. Vinokur A, et al. **J Pers Soc Psychol** 1985 Jul;49(1):70–84

Decision making within health care regulation subcommittees. Kearney P, et al. **J Soc Psychol** 1984 Dec;124(2ND Half):165–74

Refusal of treatment by proxy [letter] Kaye M. **Lancet** 1985 Mar 23;1(8430):699

Where do medically qualified researchers come from? Wakeford R, et al. **Lancet** 1985 Aug 3;2(8449):262–5

Decision-modeling methods used to design decision support systems for staffing. Nutt PC. **Med Care** 1984 Nov;22(11):1002–13

'A Look at the Chief Complaints' revisited. Current obstacles and opportunities for decision analysis. Cebul RD. **Med Decis Making** 1984;4(3):271–83

A course in clinical decision making adaptable to diverse audiences. Cebul RD, et al. **Med Decis Making** 1984;4(3):285–96

Doctors and decision analysis [editorial] Fineberg HV. **Med Decis Making** 1984;4(3):267–70

Medical watershed [letter] Gandevia B. **Med J Aust** 1985 Feb 4;142(3):233–4

Medical decision-making patient participation. Wolfgarten A, et al. **Med Leg J** 1984;52 (Pt 3):180–90

Skull x-ray assessment of head injuries: a decision analytic approach. Balla JI, et al. **Methods Inf Med** 1984 Jul;23(3):135–8

An overview of medical expert systems. de Vries PH, et al. **Methods Inf Med** 1985 Apr;24(2):57–64

How can we know when we are doing more good than harm for a terminally-ill cancer patient? Fletcher RH. **NC Med J** 1985 Feb;46(2):85–8

A decision-making model for diagnosing and intervening in elder abuse and neglect. Phillips LR, et al. **Nurs Res** 1985 May–Jun;34(3):134–9

Ethical decision making in a bureaucratic context by senior nursing students. Swider SM, et al. **Nurs Res** 1985 Mar–Apr;34(2):108–12

The high cost of medicine: decision time. McKean WI. **NZ Med J** 1985 Jul 10;98(782):545–8

Management of the newborn with myelomeningocele: time for a decision-making process. Charney EB, et al. **Pediatrics** 1985 Jan;75(1):58–64

Quantitative theories for clinical decision making. Habbema JD. **Rev Epidemiol Sante Publique** 1984;32(3–4):172–80

Does physicians' knowledge of costing related to clinical decision making change the consumption of resources despite unchanged medical standards? Rasmussen PE, et al. **Scand J Gastroenterol** 1985 May;20(4):401–6

Decision analytic approach to the management of gonorrhea contacts. Turshen IJ, et al. **Sex Transm Dis** 1984 Jul–Sep;11(3):137–47

Decision making in professional associations. Cox K. **Soc Sci Med** 1984;19(11):1159–65

Investigation of a model for the initiation of breastfeeding in primigravida women. Dusdieker LB, et al. **Soc Sci Med** 1985;20(7):695–703

Household fertility decisions in West Africa: a comparison of male and female survey results. Mott FL, et al. **Stud Fam Plann** 1985 Mar–Apr;16(2):88–99

The use of interval estimators as a basis for decision-making in medicine. Lie RK. **Theor Med** 1984 Oct;5(3):233–40

[Medical decision making; pro or con?] Oosterhuis HJ. **Ned Tijdschr Geneeskd** 1984 Oct 13;128(41):1948–51 **(Dut)**

[Euthanasia and medical power (editorial)] Mozziconacci P. **Ann Pediatr (Paris)** 1984 Dec;31(11):883–4 **(Fre)**

[Theory of medical decisions] Verniory A. **Bull Mem Acad R Med Belg** 1984;139(7):387–99 (Eng. Abstr.) **(Fre)**

[The decision to undergo tubal ligation] Fontaine JG. **Union Med Can** 1984 Jul;113(7):604–6 (Eng. Abstr.) **(Fre)**

[Law and freedom in medical decisions from the viewpoint of the law] Eser A. **Langenbecks Arch Chir** 1984;364:505–16 (Eng. Abstr.) **(Ger)**

[What is a safe principle for therapeutic decision?] Gross R. **Langenbecks Arch Chir** 1984;364:371–80 (Eng. Abstr.) **(Ger)**

[Surgical decision process] Lorenz W. **Langenbecks Arch Chir** 1984;364:403–5 (Eng. Abstr.) **(Ger)**

[Clinical decisions under uncertainty: a proposal for an undergraduate course in medicine] Ben-Bassat J, et al. **Harefuah** 1985 Apr 1;108(7):353–7 (Eng. Abstr.) **(Heb)**

[The decision-making algorithm in clinical practice (the internal dialogue of a doctor)] Uličiansky V, et al. **Vnitr Lek** 1985 Apr;31(4):391–7 (Eng. Abstr.) **(Slo)**

PHYSIOLOGY

GSR as reflection of decision-making under conditions of delay. Rotenberg VS, et al. **Pavlov J Biol Sci** 1985 Jan–Mar;20(1):11–4

[Electrophysiologic indices of the dynamics of cortical processes in deciding choice tasks in the case of a dual image] Kogan AB, et al. **Fiziol Cheloveka** 1984 Sep–Oct;10(5):707–12 **(Rus)**

DECISION THEORY

Decision analysis applied to pharmacy practice. Einarson TR, et al. **Am J Hosp Pharm** 1985 Feb;42(2):364–71

'Neural' computation of decisions in optimization problems. Hopfield JJ, et al. **Biol Cybern** 1985;52(3):141–52

On the effects of reader variability in searching films [letter] Swensson RG. **Invest Radiol** 1985 Mar–Apr;20(2):231–3

Economic decisions in veterinary practice: a method for field use. Fetrow J, et al. **J Am Vet Med Assoc** 1985 Apr 15;186(8):792–7

Treatment selection for cancer patients: application of statistical decision theory to the treatment of advanced ovarian cancer. Simes RJ. **J Chronic Dis** 1985;38(2):171–86

Physicians poor at prevalence and positive predictive value [letter] Billings PR, et al. **JAMA** 1985 Sep 6;254(9):1173–4

Clinical decisionmaking. Doubilet P, et al. **Med Care** 1985 May;23(5):648–62 (62 ref.)

The utility and limitations of decision theory in the utilization of surgical staging and extended field radiotherapy in cervical cancer. Potish RA, et al. **Obstet Gynecol Surv** 1984 Sep;39(9):555–62 (20 ref.)

Defense against nuclear weapons: a decision analysis. Orient JM. **South Med J** 1985 Feb;78(2):178–88

[Formal approach to the clinical decision] Lacronique JF. **Cah Sociol Demogr Med** 1985 Apr–Jun;25(2):143–55 **(Fre)**

[Usefulness of a decision with serious consequences] Jeanty C. **Rev Med Brux** 1985 May;6(5):357–63 (Eng. Abstr.) **(Fre)**

DECOMPRESSION

Lower body negative pressure in the tranquilized rat. Bedford TG, et al. **Aviat Space Environ Med** 1985 Aug;56(8):786–90

Loss of cabin pressure in Canadian Forces ejection seat aircraft, 1962–1982. Brooks CJ. **Aviat Space Environ Med** 1984 Dec;55(12):1154–63

Increase of plasma renin activity in male and female rabbits subjected to dysbaric conditions. Chryssanthou C, et al. **Aviat Space Environ Med** 1985 May;56(5):427–30

Application of the compartmentalization/airlock concept to aircraft and tolerance of lung to rapid decompression. Fang HS, et al. **Aviat Space Environ Med** 1984 Nov;55(11):1015–9

Coronary circulation of the healthy man exposed to tilt tests, LBNP, and head-down tilt. Katkov VE, et al. **Aviat Space Environ Med** 1985 Aug;56(8):741–7

Swimming movements initiate bubble formation in fish decompressed from elevated gas pressures. McDonough PM, et al. **Comp Biochem Physiol [A]** 1985;81(1):209–12

Sweat rate vs. forearm blood flow during lower body negative pressure. Solack SD, et al. **J Appl Physiol** 1985 May;58(5):1546–52

Decompression induced nitrogen elimination. Dick AP, et al. **Undersea Biomed Res** 1984 Dec;11(4):369–80

Air and nitrox saturation decompression: a report of 4 schedules and 77 subjects. Eckenhoff RG, et al. **Undersea Biomed Res** 1985 Mar;12(1):41–52

Cerebral arterial air embolism: III. Cerebral blood flow after decompression from various pressure treatments. Leitch DR, et al. **Undersea Biomed Res** 1984 Sep;11(3):249–63

Fetal and maternal bubbles detected noninvasively in sheep and goats following hyperbaric decompression. Powell MR, et al. **Undersea Biomed Res** 1985 Mar;12(1):59–67

CNS reactions at 51 ATA on trimix and heliox and during decompression. Vaernes R, et al. **Undersea Biomed Res** 1985 Mar;12(1):25–39

[Preliminary clinical observations on the treatment of hypertension by local negative pressure] Yu HL, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):145–7, 130 (Eng. Abstr.) **(Chi)**

[Management of diving accidents] Sipinen SA, et al. **Duodecim** 1985;101(8):763–9 (Eng. Abstr.) **(Fin)**

[Oxygen status and regional blood flow in the gingival mucosa as affected by lower body negative pressure] Vol'vach SI, et al. **Kosm Biol Aviakosm Med** 1985 May–Jun;19(3):33–7 (Eng. Abstr.) **(Rus)**

[Factor analysis of reactions to lower body negative pressure on the earth and during space flight] Voskresenskiĭ AD, et al. **Kosm Biol Aviakosm Med** 1985 Jan–Feb;19(1):4–5 (Eng. Abstr.) **(Rus)**

[Control of pulmonary edema caused by congestive cardiomyopathy] Mirrakhimov MM, et al. **Sov Med** 1984;(7):52–6 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Bubble formation of aqueous humor and lens opacity during chamber flight. Fang HS, et al. **Aviat Space Environ Med** 1984 Oct;55(10):910–3

[Effect of the processes of gas bubble formation and growth in the body on the safety of decompression regimens] Nikolaev VP. **Dokl Akad Nauk SSSR** 1985;281(2):493–6 **(Rus)**

METHODS

Decompression from a deep nitrogen/oxygen saturation dive--a case report. Barry PD, et al. **Undersea Biomed Res** 1984 Dec;11(4):387–93

DECOMPRESSION, EXPLOSIVE see **DECOMPRESSION**

DECOMPRESSION SICKNESS

COMPLICATIONS

Myelopathy associated with decompression sickness: a report of six cases. Mastaglia FL, et al. **Clin Exp Neurol** 1983; 19:54–9

Malignant fibrous histiocytoma at site of bone infarction in association with DCS. Kitano M, et al. **Undersea Biomed Res** 1984 Sep;11(3):305–14

[Effect of severe trauma on decompression sickness] Lushchitskii MA, et al. **Voen Med Zh** 1985 Jan;(1):35–7 **(Rus)**

DIAGNOSIS

Neurologic presentation of decompression sickness and air embolism in sport divers. Dick AP, et al. **Neurology** 1985 May;35(5):667–71

Two unusual cases of severe dysbarism after compressed air work in Hong Kong. Lam TH, et al. **Undersea Biomed Res** 1984 Dec;11(4):381–5

[Decompression sickness––diagnosis, first aid and principles of emergency treatment. I] Krzyżak J, et al. **Pol Tyg Lek** 1984 Sep 17;39(38):1277–82 (21 ref.) (Eng. Abstr.) **(Pol)**

DRUG THERAPY

An evaluation of plasma volume expanders in the treatment of decompression sickness. Merton DA, et al. **Aviat Space Environ Med** 1983 Mar;54(3):218–22

Salvaging rats with decompression sickness by injection of ginseng and Ligustrazini co. without recompression. Wang CZ, et al. **J Tradit Chin Med** 1985 Mar;5(1):65–6

ETIOLOGY

Dysbaric hazard of a new fishing method in Hong Kong: case report. Lam TH, et al. **Br J Ind Med** 1985 Mar; 42(3):209–10

Diving medicine. Kizer KW. **Emerg Med Clin North Am** 1984 Aug;2(3):513–30

Work styles of Okinawan diving-fishers in relation to decompression sickness and physical complaints. Sasaki A, et al. **J Hum Ergol (Tokyo)** 1983 Dec;12(2):219–22

Spinal decompression sickness at unusually shallow depth. Rugman F, et al. **J Soc Occup Med** 1985 Autumn; 35(3):103–4

Altitude decompression sickness. Lim MK, et al. **Singapore Med J** 1983 Dec;24(6):350–3

Decompression from a deep nitrogen/oxygen saturation dive––a case report. Barry PD, et al. **Undersea Biomed Res** 1984 Dec;11(4):387–93

Health risk factors for the development of decompression sickness among U.S. Navy divers. Dembert ML, et al. **Undersea Biomed Res** 1984 Dec;11(4):395–406

[Medical aspects of diving accidents] Mulder JW, et al. **Ned Tijdschr Geneeskd** 1985 Jun 29;129(26):1222–5 **(Dut)**

[Effect of the processes of gas bubble formation and growth in the body on the safety of decompression regimens] Nikolaev VP. **Dokl Akad Nauk SSSR** 1985;281(2):493–6 **(Rus)**

OCCURRENCE

Decompression sickness: USAF experience 1970–80. Rayman RB, et al. **Aviat Space Environ Med** 1983 Mar;54(3):258–60

On the likelihood of decompression sickness. Weathersby PK, et al. **J Appl Physiol** 1984 Sep;57(3):815–25

PHYSIOPATHOLOGY

Somatosensory evoked potentials and neuraxial blood flow in central nervous system decompression sickness. Leitch DR, et al. **Brain Res** 1984 Oct 8;311(2):307–15

Recovery from alpha coma after decompression sickness complicated by spinal cord lesions at cervical and midthoracic levels. Synek VM, et al. **Electroencephalogr Clin Neurophysiol** 1985 May;60(5):417–9

[Formation of gas bubbles in biological tissues in decompression (a mathematical model)] Kisliakov IuIa, et al. **Biofizika** 1985 Mar–Apr;30(2):337–40 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

A theoretical method for selecting space craft and space suit atmospheres. Vann RD, et al. **Aviat Space Environ Med** 1984 Dec;55(12):1097–102

THERAPY

Delayed treatment of serious decompression sickness. Myers RA, et al. **Ann Emerg Med** 1985 Mar;14(3):254–7

A model of spinal cord dysbarism to study delayed treatment: II. Effects of treatment. Leitch DR, et al. **Aviat Space Environ Med** 1984 Aug;55(8):679–84

[Decompression sickness of the spinal cord. Results of early and of late treatment] Bühlmann AA. **Schweiz Med Wochenschr** 1985 Jun 8;115(23):796–800 (Eng. Abstr.) **(Ger)**

[Analysis of cases of decompression sickness treated by hyperbaric oxygenation at the Polish Army Center for the Training of Divers and Frogmen in the summer of 1983] Krzyżak J, et al. **Pol Tyg Lek** 1984 Jul 30;39(31):1041–3 (Eng. Abstr.) **(Pol)**

[Decompression sickness––diagnosis, first aid and principles of treatment. II] Krzyżak J, et al. **Pol Tyg Lek** 1984 Sep 24;39(39):1305–9 (15 ref.) (Eng. Abstr.) **(Pol)**

DECONTAMINATION

Effect of Zn-DTPA therapy on the maternal transfer of 241Am or 237Pu to young mice. Lloyd RD, et al. **Health Phys** 1985 Sep;49(3):405–10

The metabolism and decorporation of Pu after inhalation of the tributyl phosphate complex by the rat. Stradling GN, et al. **Health Phys** 1985 Sep;49(3):499–502

Effect of age on the efficacy of Zn-diethylenetriaminepentaacetic acid therapy for removal of Am and Pu from beagles. Lloyd RD, et al. **Radiat Res** 1985 Mar;101(3):451–9

INSTRUMENTATION

Prevention of bacterial contamination of water in dental units. Furuhashi M, et al. **J Hosp Infect** 1985 Mar;6(1):81–8

Evaluation of diethyl malonate as a simulant for 1,2,2-trimethylpropyl methylphosphonofluoridate (soman) in shower decontamination of the skin. Reifenrath WG, et al. **J Pharm Sci** 1984 Oct;73(10):1388–92

METHODS

Dehydrohalogenation of atmospheric contaminants in the space cabin. Spain MA, et al. **Aviat Space Environ Med** 1985 Mar;56(3):262–4

The clean-up begins. Schreiber R. **Bull Environ Contam Toxicol** 1984 Dec;33(6):726–34

Cleaning of anaesthesia breathing circuits and tubings: a Canadian survey. Barry AE, et al. **Can Anaesth Soc J** 1984 Sep;31(5):572–5

Decontamination and disposal of PCB wastes. Johnston LE. **Environ Health Perspect** 1985 May;60:339–46

Airborne fiber control in buildings during asbestos material removal by amended water methodology. Sawyer RN, et al. **Environ Res** 1985 Feb;36(1):46–55

Reduction of Cm translocation from lung by constant infusion of DTPA after inhalation of Cm2O3 by rats. Guilmette RA, et al. **Health Phys** 1985 Apr;48(4):487–93

Comparison of Ca-DTPA and Zn-DTPA in removing 234Th from the rat. Peter-Witt E, et al. **Health Phys** 1985 Sep;49(3):395–403

Laboratory decontamination and destruction of carcinogens in laboratory wastes: some haloethers. Castegnaro M, et al. **IARC Sci Publ** 1984;(61):1–53

Recommendations for decontaminating manikins used in cardiopulmonary resuscitation training 1983 update. **Infect Control** 1984 Aug;5(8):399–401

Biological inactivation by faeces of antimicrobial drugs applicable in selective decontamination of the digestive tract. Veringa EM, et al. **J Antimicrob Chemother** 1984 Dec;14(6):605–12

An unusual case of mercury contamination. Dale IM. **J Soc Occup Med** 1985 Autumn;35(3):95–7

[Stability of an ointment subjected to beta rays for its microbiological decontamination] Djoko E, et al. **Ann Pharm Fr** 1984;42(6):529–35 (Eng. Abstr.) **(Fre)**

[Detoxication of dinitrophenol pesticides] Rozvaga RI, et al. **Gig Sanit** 1985 Jun;(6):27–9 (Eng. Abstr.) **(Rus)**

[Effect of Na3Zn- and Na3Ca-DTPA on the behavior and biological action of 239Pu on rats] Liubchanskii ER, et al. **Med Radiol (Mosk)** 1985 Feb;30(2):35–9 (Eng. Abstr.) **(Rus)**

[Internal contamination with radionuclides and methods of therapy] Kargačin B. **Arh Hig Rada Toksikol** 1984 Jun; 35(2):199–225 (198 ref.) (Eng. Abstr.) **(Scr)**

STANDARDS

PCB-containing transformer fires: decontamination guidelines based on health considerations. Milby TH, et al. **J Occup Med** 1985 May;27(5):351–6

[Hygienic evaluation of the working facilities for the purification and decontamination of waste water on ships] Sidenko VP, et al. **Gig Sanit** 1984 Nov;(11):18–21 (Eng. Abstr.) **(Rus)**

DECOQUINATE see under **HYDROXYQUINOLINES**

DECUBITUS ULCER

DIAGNOSIS

Infection and pressure sores. Sugarman B. **Arch Phys Med Rehabil** 1985 Mar;66(3):177–9

DRUG THERAPY

Topical metronidazole therapy for infected decubitus ulcers. Pierleoni EE. **J Am Geriatr Soc** 1984 Oct;32(10):775

Topical treatment of pressure ulcers. A randomized comparative trial of Varidase and zinc oxide. Agren MS, et al. **Scand J Plast Reconstr Surg** 1985;19(1):97–100

[Mesalt––a new possibility for wound treatment in decubitus ulcer] Grosse W, et al. **Rehabilitation (Stuttg)** 1985 May; 24(2):100–2 **(Ger)**

ETIOLOGY

Heel sores in association with prolonged epidural analgesia [letter] Pither CE, et al. **Anesthesiology** 1985 Oct;63(4):459

Aetiology of pressure sores in patients with spinal cord injury. Thiyagarajan C. et al. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1487–90

Major amputation in paraplegic and tetraplegic patients. Grundy DJ, et al. **Int Rehabil Med** 1984;6(4):162–5

Relationship of spine deformity and pelvic obliquity on sitting pressure distributions and decubitus ulceration. Drummond D, et al. **J Pediatr Orthop** 1985 Jul–Aug;5(4):396–402

An in-depth look at pressure sores using monolithic silicon pressure sensors. Le KM, et al. **Plast Reconstr Surg** 1984 Dec;74(6):745–56

NURSING

Pressure ulcer management in the neurologically impaired patient. Sklar CG. **J Neurosurg Nurs** 1985 Feb;17(1):30–6

OCCURRENCE

Pressure sores in elderly patients. The epidemiology related to hip operations. Versluysen M. **J Bone Joint Surg [Br]** 1985 Jan;67(1):10–3

[Decubitus in the hospital] Haalboom JR. **Ned Tijdschr Geneeskd** 1984 Oct 13;128(41):1957–8 **(Dut)**

[Occurrence of pressure ulcers following discharge from the hospital of patients with complete paraplegia––a long-term follow-up study] Wahle H. **Rehabilitation (Stuttg)** 1984 Nov;23(4):133–9 (Eng. Abstr.) **(Ger)**

PATHOLOGY

The local skin blood flow in areas at risk for pressure sores treated with massage. Ek AC, et al. **Scand J Rehabil Med** 1985;17(2):81–6

PHYSIOPATHOLOGY

An objective study of the dimensions of the ischial pressure point and its correlation to the occurrence of a pressure sore. Dhami LD, et al. **Br J Plast Surg** 1985 Apr; 38(2):243–51

Underseat pressure distribution in the sitting spinal injury patient. Minns RJ, et al. **Paraplegia** 1984 Oct;22(5):297–304

Pressure sores [letter] Lowthian P. **Plast Reconstr Surg** 1985 Aug;76(2):329–30

PREVENTION & CONTROL

Wheelchair cushions: a historical review. Garber SL. **Am J Occup Ther** 1985 Jul;39(7):453–9

Special mattresses: effectiveness in preventing decubitus ulcers in chronic neurologic patients. Daechsel D, et al. **Arch Phys Med Rehabil** 1985 Apr;66(4):246–8

Wheelchair cushion modification and its effect on pressure. Garber SL, et al. **Arch Phys Med Rehabil** 1984 Oct; 65(10):579–83

Wheelchair push-ups: measuring pressure relief frequency. Merbitz CT, et al. **Arch Phys Med Rehabil** 1985 Jul; 66(7):433–8

Prevention of heel pressure sores with a simple pneumatic device [letter] Zelikovsky A, et al. **Br J Surg** 1985 Jan; 72(1):78

Decubitus ulcers: preventive techniques for the elderly patient. Seiler WO, et al. **Geriatrics** 1985 Jul;40(7):53–60

Free small water-cushions for paraplegics. Louric JA. **Papua New Guinea Med J** 1983 Jun;26(2):139–40

Pressure sore prevention system: a new biofeedback approach [letter] Rosenberg L, et al. **Plast Reconstr Surg** 1985 Jun; 75(6):926–8

[Consensus conference prevention of decubitus] Bakker H. **Ned Tijdschr Geneeskd** 1985 Jul 6;129(27):1280–4 (Eng. Abstr.) **(Dut)**

[Better prevention of bedsores in the light of current physiopathological findings] Seiler WO, et al. **Rev Med Suisse Romande** 1984 Nov;104(11):949–54 **(Fre)**

REHABILITATION

[Decubitus ulcer and rehabilitation] Herregods P, et al. **Acta Belg Med Phys** 1985 Jan–Mar;8(1):69–75 (Eng. Abstr.) **(Dut)**

SURGERY

The tensor fasciae latae musculocutaneous flap in operations for trochanteric decubitus ulcers. Riebelová V. **Acta Chir Plast (Prague)** 1985;27(1):17–25

Our experience with the use of musculocutaneous flaps in trochanteric decubitus ulcers. Stockarová D, et al. **Acta Chir Plast (Prague)** 1984;26(4):238–45

The use of Clinitron therapy unit in the immediate postoperative care of pressure ulcers. Dolezal R, et al. **Ann Plast Surg** 1985 Jan;14(1):33–6

Preservation of the lower extremity in the treatment of massive pressure ulcers. Holman PD. **Ariz Med** 1985 Feb; 42(2):93–9

Surgical treatment of ischial pressure sores. McGregor JC. **J R Coll Surg Edinb** 1984 Jul;29(4):242–5

[Surgical treatment of decubitus] Bloem JJ. **Ned Tijdschr Geneeskd** 1984 Aug 4;128(31):1468–70 **(Dut)**

[Ischiatic pressure sores: reconstruction of the gluteal fold] Kauer C. **Ann Chir Plast Esthet** 1985;30(2):171–4 (Eng. Abstr.) (Fre)

[Ischiectomy in paraplegic patients. Apropos of 75 cases] Lermusiaux P, et al. **Ann Chir Plast Esthet** 1985; 30(2):166–70 (Eng. Abstr.) (Fre)

[Treatment of sacral sores by gluteal myocutaneous VY flaps] Calteux N, et al. **Bull Soc Sci Med Grand Duche Luxemb** 1984;121(1):5–12 (Fre)

[Covering sacral and ischiatic loss of substance with musculocutaneous flaps] Masquelet AC, et al. **Presse Med** 1985 Feb 9;14(5):277–9 (Eng. Abstr.) (Fre)

[Covering of chronic sacral ulcers by myocutaneous gluteus maximus island flaps] Tizian C, et al. **Handchir Mikrochir Plast Chir** 1985 May;17(3):156–60 (Eng. Abstr.) (Ger)

[Treatment of extensive decubitus ulcers by rotation flap-plasty] Schmitt E, et al. **Unfallheilkunde** 1984 Oct; 87(10):425–9 (Eng. Abstr.) (Ger)

[Surgical treatment of pressure ulcers in patients with the spinal cord section syndrome] Anger J, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jul–Aug; 39(4):173–7 (Eng. Abstr.) (Por)

[Surgical treatment of bedsores] Eriksson E. **Lakartidningen** 1984 Oct 3;81(40):3609–11 (Swe)

THERAPY

Pressure sore management: efficacy of a moisture reactive occlusive dressing. Yarkony GM, et al. **Arch Phys Med Rehabil** 1984 Oct;65(10):597–600

Decubitus ulcers: treatment through five therapeutic principles. Seiler WO, et al. **Geriatrics** 1985 Sep;40(9):30–44

Treatment of decubitus ulcers. A new approach. Barron JJ, et al. **Minn Med** 1985 Feb;68(2):103–6

Pressure ulcers. What to do if preventive management fails. DeLisa JA, et al. **Postgrad Med** 1985 May 1;77(6):209–12, 218–20

[The treatment of decubitus] Bouman FG. **Ned Tijdschr Geneeskd** 1984 Aug 4;128(31):1474 (Dut)

[Conservative treatment of decubitus] Keuzenkamp T. **Ned Tijdschr Geneeskd** 1984 Aug 4;128(31):1470–3 (Dut)

[An attempt at using controlled therapeutic hemodilution in non-healing wounds and bedsores] Antoszewski Z, et al. **Chir Narzadow Ruchu Ortop Pol** 1985;50(1):64–8 (Eng. Abstr.) (Pol)

DECUSSATION, PYRAMIDAL see **PYRAMIDAL TRACTS**

DEDUCTIBLES AND COINSURANCE

Utilization of child health clinics following introduction of a copayment. Fischer PJ, et al. **Am J Public Health** 1984 Dec;74(12):1401–3

Cost sharing and the use of ambulatory mental health services. Manning WG Jr, et al. **Am Psychol** 1984 Oct; 39(10):1077–89

Cost sharing lessons from the private sector. Freiman MP. **Health Aff (Millwood)** 1984 Winter;3(4):85–93

The extent of ownership and the characteristics of Medicare supplemental policies. Rice T, et al. **Inquiry** 1985 Summer; 22(2):188–200

The effect of cost sharing on the quality of dental care. Bailit HL, et al. **J Dent Educ** 1984 Nov;48(11):597–605

The impact of cost sharing on emergency department use. O'Grady KF, et al. **N Engl J Med** 1985 Aug 22; 313(8):484–90

The Rand Health Insurance Experiment for children. Haggerty RJ. **Pediatrics** 1985 May;75(5):969–71

Effect of cost-sharing on the use of medical services by children: interim results from a randomized controlled trial. Leibowitz A, et al. **Pediatrics** 1985 May;75(5):942–51

Consequences of cost-sharing for children's health. Valdez RB, et al. **Pediatrics** 1985 May;75(5):952–61

DEER

Leukaemic neoplasia in free-living mammals in Denmark. Elvestad K, et al. **Acta Vet Scand** 1985;26(1):61–71

Susceptibility of male white-tailed deer (Odocoileus virginianus) to Brucella ovis infection. Barron SJ, et al. **Am J Vet Res** 1985 Aug;46(8):1762–4

Dexamethasone-induced recrudescence of malignant catarrhal fever and associated lymphosarcoma and granulomatous disease in a Formosan sika deer (Cervus nippon taiouanus). Heuschele WP, et al. **Am J Vet Res** 1985 Jul;46(7):1578–83

Detection of papillomaviruses in cutaneous fibromas of white-tailed and mule deer. Sundberg JP, et al. **Am J Vet Res** 1985 May;46(5):1145–9

Transmission of the white-tailed deer cutaneous fibroma. Sundberg JP, et al. **Am J Vet Res** 1985 May;46(5):1150–4

Lung, heart and liver lesions in adult red deer: a histopathological survey. Munro R, et al. **Br Vet J** 1985 Jul–Aug;141(4):388–96

Amyloid plaques in spongiform encephalopathy of mule deer. Bahmanyar S, et al. **J Comp Pathol** 1985 Jan;95(1):1–5

Parasites, diseases, and health status of sympatric populations of fallow deer and white-tailed deer in Kentucky. Davidson WR, et al. **J Wildl Dis** 1985 Apr;21(2):153–9

Experimental infection of captive axis deer with Brucella abortus. Davis DS, et al. **J Wildl Dis** 1984 Jul;20(3):177–9

Malignant catarrhal fever in a free-ranging black-tailed deer (Odocoileus hemionus columbianus) in California. Jessup DA. **J Wildl Dis** 1985 Apr;21(2):167–9

Prevalence and distribution of Elaeophora schneideri Wehr and Dikmans, 1935 in mule deer in Utah. Pederson JC, et al. **J Wildl Dis** 1985 Jan;21(1):66–7

Carfentanil and xylazine for immobilization of moose (Alces alces) on Isle Royale. Seal US, et al. **J Wildl Dis** 1985 Jan;21(1):48–51

Cutaneous fibromas of moose (Alces alces). Sundberg JP, et al. **J Wildl Dis** 1985 Apr;21(2):181–3

Elaeophora schneideri Wehr and Dickmans, 1935 in white-tailed deer from the Edwards Plateau of Texas. Waid DD, et al. **J Wildl Dis** 1984 Oct;20(4):342–5

Malignant catarrhal fever in a Shira's moose (Alces alces shirasi Nelson). Williams ES, et al. **J Wildl Dis** 1984 Jul; 20(3):230–2

Dermatophilosis in a mule deer, Odocoileus hemionus (Rafinesque), from Wyoming. Williams ES, et al. **J Wildl Dis** 1984 Jul;20(3):236–8

Potential vectors of bluetongue and epizootic hemorrhagic disease viruses of cattle and white-tailed deer in Alabama. Mullen GR, et al. **Prog Clin Biol Res** 1985;178:201–6

Bluetongue, epizootic haemorrhagic disease of deer and related viruses: current situation in Australia. Parsonson IM, et al. **Prog Clin Biol Res** 1985;178:27–35

Psoroptic ear mange (Psoroptes cuniculi, Delafond, 1859) in domestic and wild ruminants in Israel. Yeruham I, et al. **Vet Parasitol** 1985 Apr;17(4):349–53

Energy requirements for the penetration of heads of domestic stock and the development of a multiple projectile. Blackmore DK. **Vet Rec** 1985 Jan 12;116(2):36–40

Tuberculosis in free-living deer. Dodd K. **Vet Rec** 1984 Dec 8;115(23):592–3

Ivermectin in fly strike [letter] Fletcher J. **Vet Rec** 1984 Nov 3;115(18):475

Bovine tuberculosis in roe deer [letter] Gunning RF. **Vet Rec** 1985 Mar 16;116(11):300–1

'Anaesthetic death' in a black fallow deer. Pearce PC, et al. **Vet Rec** 1985 Jun 1;116(22):591–3

[Chemical constituents of hairy young horn of Capreolus capreolus--isolation and identification of fat-soluble constituents] Zhao SL. **Chung Yao Tung Pao** 1984 Jul; 9(4):174 (Chi)

[Experiences with dairy cows, sheep and deer as an alternative to dairy animal raising] Coenen J. **Tierarztl Prax** 1984;12(1):1–4 (Ger)

[Serum proteins of worm-infested deer (Capreolus capreolus L. 1758). Comparison between ordinary and immunoelectrophoresis] Róka L, et al. **Zentralbl Veterinarmed** [B] 1985 Feb;32(2):128–36 (Eng. Abstr.) (Ger)

[Systemogenesis of the group behavior of animals] Kokina NN. **Vestn Akad Med Nauk SSSR** 1985;(2):86–93 (Eng. Abstr.) (Rus)

[Ethmoid tumors in moose and roe deer] Borg K, et al. **Nord Vet Med** 1985 May–Jun;37(3):145–60 (Eng. Abstr.) (Swe)

ANATOMY & HISTOLOGY

Case involving differentiation of deer and human bone fragments. Owsley DW, et al. **J Forensic Sci** 1985 Apr; 30(2):572–8

[Comparative anatomy of the skeletal muscles in fallow deer (Dama dama L. 1758), sheep (Ovis aries L. 1758) and goats (Capra hircus L. 1758). 1. The forelimb] Pohlmeyer K. **DTW** 1984 Oct 8;91(10):354–60 (Eng. Abstr.) (Ger)

BLOOD

Metabolism of calcium and phosphorus during pregnancy and lactation in white-tailed deer. Chao CC, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):269–75

Changes in plasma levels of cortisol and corticosterone after acute ACTH stimulation in rusa deer (Cervus rusa timorensis). van Mourik S, et al. **Comp Biochem Physiol** [A] 1985;81(3):545–9

Effects of xylazine immobilization on biochemical and endocrine values in white-tailed deer. Chao CC, et al. **J Wildl Dis** 1984 Oct;20(4):328–32

[Intrinsic oxygen affinity: the primary structure of a ruminantia hemoglobin: methionine in betaNA2 of a pecora, the Northern elk (Alces alces alces)] Aschauer H, et al. **Hoppe Seylers Z Physiol Chem** 1984 Nov; 365(11):1323–30 (Eng. Abstr.) (Ger)

GENETICS

Compound kinetochores of the Indian muntjac. Evolution by linear fusion of unit kinetochores. Brinkley BR, et al. **Chromosoma** 1984;91(1):1–11

Characterization of G-banded chromosomes of the Indian muntjac and progression of banding patterns through different stages of condensation. Sen P, et al. **Cytogenet Cell Genet** 1985;39(2):145–9

The G-banded chromosomes of Roosevelt's muntjac, Muntiacus rooseveltorum. Wurster-Hill DH, et al. **Cytogenet Cell Genet** 1985;39(1):75–6

Application of a high-resolution TV-microscope system to estimate the sequence of centromere separation in muntjak chromosomes. Gerlach B, et al. **Cytometry** 1984 Nov; 5(6):562–71

The muntjak satellite 1A sequence is composed of 31-base-pair internal repeats that are highly homologous to the 31-base-pair subrepeats of the bovine satellite 1.715. Bogenberger JM, et al. **Eur J Biochem** 1985 Apr 1; 148(1):55–9

Maintenance of late replication of X-chromosomes in hyperdiploid cells of the barking deer Muntiacus muntjak. Raman R. **Indian J Exp Biol** 1984 May;22(5):229–32

GROWTH & DEVELOPMENT

[Systemogenesis of the behavioral acts of animals in their natural environment] Bogomolova EM, et al. **Vestn Akad Med Nauk SSSR** 1985;(2):79–85 (Eng. Abstr.) (Rus)

IMMUNOLOGY

Inhalant allergy to wild animals (deer and elk). Gillespie DN, et al. **Ann Allergy** 1985 Aug;55(2):122–5

METABOLISM

Levels of trace elements in liver from Norwegian moose, reindeer and red deer in relation to atmospheric deposition. Frøslie A, et al. **Acta Vet Scand** 1984;25(3):333–45

Radionuclide concentrations in mule deer with reference to waste-management ponds on the Hanford Site. Eberhardt LE, et al. **Health Phys** 1984 Nov;47(5):753–9

Heavy metals in white-tailed deer living near a zinc smelter in Pennsylvania. Sileo L, et al. **J Wildl Dis** 1985 Jul; 21(3):289–96

Pharmacokinetics of oxfendazole in red deer (Cervus elaphus). Watson TG, et al. **Res Vet Sci** 1985 Mar; 38(2):231–3

Electron probe study of human and red deer cementum and root dentin. Tötdal B, et al. **Scand J Dent Res** 1985 Feb; 93(1):4–12

MICROBIOLOGY

Molecular cloning and nucleotide sequence of deer papillomavirus. Groff DE, et al. **J Virol** 1985 Oct; 56(1):85–91

Erysipelothrix rhusiopathiae serotype 5 isolated from a white-tailed deer in Iowa. Bruner JA, et al. **J Wildl Dis** 1984 Jul;20(3):235–6

Prevalence of the Lyme disease spirochete in populations of white-tailed deer and white-footed mice. Bosler EM, et al. **Yale J Biol Med** 1984 Jul–Aug;57(4):651–9

PARASITOLOGY

Ixodes dammini (Acari: Ixodidae) and other ixodid ticks collected from white-tailed deer in New Jersey, USA. I. Geographical distribution and its relation to selected environmental and physical factors. Schulze TL, et al. **J Med Entomol** 1984 Nov 29;21(6):741–9

Diagnostic morphology of the third-stage larvae of three species of Parelaphostrongylus (Nematoda, Metastrongyloidea). Ballantyne RJ, et al. **J Parasitol** 1984 Aug;70(4):602–4

Schistosoma leiperi Le Roux, 1955 from a Bushbuck in Uganda. Malek EA, et al. **J Parasitol** 1984 Oct;70(5):821–2

Parelaphostrongylus andersoni (Nematoda: Protostrongylidae) and P. odocoilei in two cervid definitive hosts. Pybus MJ, et al. **J Parasitol** 1984 Aug;70(4):507–15

Stercorarian trypanosomes from deer (Cervidae) in Germany. Hoffmann M, et al. **J Protozool** 1984 Nov;31(4):581–4

An evaluation of burning for control of winter ticks, Dermacentor albipictus, in central Alberta. Drew ML, et al. **J Wildl Dis** 1985 Jul;21(3):313–5

Factors affecting transmission of larval winter ticks, Dermacentor albipictus (Packard), to moose, Alces alces L., in Alberta, Canada. Drew ML, et al. **J Wildl Dis** 1985 Jul;21(3):274–82

Prevalence and ultrastructure of three types of Sarcocystis in mule deer, Odocoileus hemionus (Rafinesque), in Montana. Dubey JP, et al. **J Wildl Dis** 1985 Jul; 21(3):219–28

Ticks on white-tailed deer fawns from southern Illinois. Nelson TA, et al. **J Wildl Dis** 1984 Oct;20(4):300–2

Babesia odocoilei Emerson and Wright, 1970 in white-tailed deer, Odocoileus virginianus (Zimmermann), in Virginia. Perry BD, et al. **J Wildl Dis** 1985 Apr;21(2):149–52

Effects of season and physical condition on the gastrointestinal helminth community of white-tailed deer from the Texas Edwards Plateau. Waid DD, et al. **J Wildl Dis** 1985 Jul;21(3):264–73

Onchocerca lesions in moose (Alces alces L.). Ronéus O, et al. **Nord Vet Med** 1984 Nov–Dec;36(11):367–70

Gastro-intestinal nematodes of fallow deer (Dama dama L.) in Germany. Barth D, et al. **Vet Parasitol** 1984 Oct; 16(1–2):173–6

Larvae of Elaphostrongylus cervi in the deer of Scotland. English AW, et al. **Vet Rec** 1985 Mar 9;116(10):254–6

Elaphostrongylus cervi cervi in the central nervous system of red deer (Cervus elaphus) in Scotland. Hollands RD. **Vet Rec** 1985 Jun 1;116(22):584–5

Effect of deer reduction on abundance of the deer tick (Ixodes dammini). Wilson ML, et al. **Yale J Biol Med** 1984 Jul–Aug;57(4):697–705

Light and electron microscope study of Sarcocystis sp. from the fallow deer (Cervus dama). Entzeroth R, et al. **Z Parasitenkd** 1985;71(1):33–9

[Report of a new host, Dama dama, of Dictyocaulus (Micrurocaulus) eckerti Skrjabin, 1931] Romano R, et al. **Parassitologia** 1982 Dec;24(2-3):205-9 (Eng. Abstr.) **(Ita)**

[Horseflies in the extreme north of the USSR and their aggressiveness] Olsuf'ev NG, et al. **Med Parazitol (Mosk)** 1985 Jan-Feb;(1):23-8 (Eng. Abstr.) **(Rus)**

[Deworming of corralled fallow deer (Dama dama) using mebendazole] von Szokolay P, et al. **Nord Vet Med** 1984 Nov-Dec;36(11):394-403 (Eng. Abstr.) **(Swe)**

PHYSIOLOGY

Seasonal variations of serum 1,25-dihydroxyvitamin D3 and alkaline phosphatase in relation to the antler formation in the fallow deer (Dama dama L.). Eiben B, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):141-4

Artificial rearing of a rusa deer calf (Cervus rusa timorensis) [letter] van Mourik S, et al. **Aust Vet** J 1984 Jun;61(6):suppl 9

Aqueous humor dynamics in the enucleated deer eye. Colasanti BK. **Comp Biochem Physiol** [A] 1984;78(4):755-6

Adrenal response to ACTH stimulation in Rusa deer (Cervus rusa timorensis). van Mourik S, et al. **Comp Biochem Physiol** [A] 1984;79(4):581-4

Artificial insemination of two white-tailed deer. Haigh JC. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1446-7

Effect of yohimbine on xylazine-induced immobilization in white-tailed deer. Hsu WH, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1301-3

Early effects of pinealectomy on LH and testosterone secretion in white-tailed deer. Plotka ED, et al. **J Endocrinol** 1984 Oct;103(1):1-7

Effect of feeding melatonin to red deer (Cervus elaphus) on the onset of the breeding season. Adam CL, et al. **J Reprod Fertil** 1984 Nov;72(2):463-6

Induction of early rutting in male red deer (Cervus elaphus) by melatonin and its dependence on LHRH. Lincoln GA, et al. **J Reprod Fertil** 1984 Nov;72(2):339-43

Effects of fluoride ingestion on white-tailed deer (Odocoileus virginianus). Suttie JW, et al. **J Wildl Dis** 1985 Jul; 21(3):283-8

Seasonal variations in physiological indices of adult female white-tailed deer in Texas. Waid DD, et al. **J Wildl Dis** 1984 Jul;20(3):212-9

[Winter feeding or autumn feeding of game animals?] Hofmann RR. **Tierarztl Prax** 1984;12(3):403-21 (56 ref.) (Eng. Abstr.) **(Ger)**

DEET see under **BENZAMIDES**

DEFECATION

see related
ENCOPRESIS
FECAL INCONTINENCE

The topography of ileoanal reservoirs in relation to evacuation patterns and clinical functions. Lindquist K, et al. **Acta Chir Scand** 1984;150(7):573-9

Fiber intakes, stool frequency, and stool weights of subjects consuming self-selected diets. Kelsay JL, et al. **Am J Clin Nutr** 1984 Dec;40(6 Suppl):1357-60

Mechanisms of rectal continence. Lessons from the ileoanal procedure. Beart RW Jr, et al. **Am J Surg** 1985 Jan; 149(1):31-4

Acute appendicitis related to faecal stasis. Arnbjörnsson E. **Ann Chir Gynaecol** 1985;74(2):90-3

Anismus in chronic constipation. Preston DM, et al. **Dig Dis Sci** 1985 May;30(5):413-8

Diagnosis of disturbances of continence and defecation. Kuijpers HC, et al. **Dis Colon Rectum** 1984 Oct; 27(10):658-62

Clinical and manometric evaluation of continence after the Bacon two-stage pull-through procedure. Rosen L, et al. **Dis Colon Rectum** 1985 Apr;28(4):232-4

Evidence of pudendal neuropathy in patients with perineal descent and chronic straining at stool. Kiff ES, et al. **Gut** 1984 Nov;25(11):1279-82

The times of passage of the first urine and the first stool by Thai newborn infants. Tejavej A, et al. **J Med Assoc Thai** 1984 Oct;67 Suppl 2:86-9

The biology and behavior of Triatoma barberi (Hemiptera: Reduviidae) in Mexico. IV. Feeding and defecation patterns. Zárate LG, et al. **J Med Entomol** 1984 Sep 28; 21(5):548-60

Gastrointestinal transit time, frequency of defecation, and anorectal manometry in healthy and constipated children. Corazziari E, et al. **J Pediatr** 1985 Mar;106(3):379-82

Defecography. Ekberg O, et al. **Radiology** 1985 Apr; 155(1):45-8

Visual loss 'at stool'[clinical conference] Burde RM. **Surv Ophthalmol** 1984 Nov-Dec;29(3):215-20

[Classification and clinical assessment of postoperative functions in anorectal anomalies] Ishihara M, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1201-5 (Eng. Abstr.) **(Jpn)**

[Altered bowel habits and aging] Sasaki D, et al. **Nippon Ronen Igakkai Zasshi** 1984 Sep;21(5):459-64 (Eng. Abstr.) **(Jpn)**

[Optimal method of defecation in acute myocardial infarction] Tsimmerman IaS, et al. **Vrach Delo** 1985 Apr; (4):29-31 **(Rus)**

DRUG EFFECTS

The effects of sorghum and wheat bran on the colonic functions of healthy Sudanese subjects. Fedail SS, et al. **Am J Clin Nutr** 1984 Oct;40(4):776-9

[Use of picosulfate sodium in upper gastrointestinal examination] Kawai R, et al. **Rinsho Hoshasen** 1984 Aug; 29(8):929-31 (Eng. Abstr.) **(Jpn)**

DEFECTIVE VIRUSES

The delta agent comes of age [editorial] Thomas HC. **Gut** 1985 Jan;26(1):1-3

Delta hepatitis: a new scourge? [editorial] Nishioka NS, et al. **N Engl J Med** 1985 Jun 6;312(23):1515-6

Risk of post-transfusion infection with the hepatitis delta virus. A multicenter study. Rosina F, et al. **N Engl J Med** 1985 Jun 6;312(23):1488-91

[Delta infection. Our clinical experience in a 3-year period, 1981-1983] Marinucci G, et al. **Recenti Prog Med** 1984 Oct; 75(10):871-6 (Eng. Abstr.) **(Ita)**

[The delta agent] Garassini M. **GEN** 1983 Jul-Sep;37(3):250-6 **(Spa)**

ANALYSIS

Prevalence of hepatitis B-associated delta agent among mentally retarded carriers of HBsAg [letter] Lohiya G, et al. **J Infect Dis** 1985 Jan;151(1):192-3

Virion assembly defect of polyomavirus hr-t mutants: underphosphorylation of major capsid protein VP1 before viral DNA encapsidation. Garcea RL, et al. **J Virol** 1985 May;54(2):311-6

GENETICS

Defective-interfering (DI) RNAs of influenza viruses: origin, structure, expression, and interference. Nayak DP, et al. **Curr Top Microbiol Immunol** 1985;114:103-51 (145 ref.)

Spleen focus-forming virus: relationship of an altered envelope gene to the development of a rapid erythroleukemia. Ruscetti S, et al. **Curr Top Microbiol Immunol** 1984;112:21-44 (128 ref.)

Isolation of two transforming viruses from sarcomas obtained in chickens inoculated intraembryonally with a transformation defective mutant of Prague strain Rous sarcoma virus. Svoboda J, et al. **Folia Biol (Praha)** 1985; 31(2):135-51

Variability of the region of the herpes simplex virus type 1 genome yielding defective DNA: SmaI fragment polymorphism. Umene K. **Intervirology** 1985;23(3):131-9

Evidence that the outer membrane protein gene nmpC of Escherichia coli K-12 lies within the defective qsr' prophage. Highton PJ, et al. **J Bacteriol** 1985 Apr; 162(1):256-62

Analysis of two potential shuttle vectors containing herpes simplex virus defective DNA. Bear SE, et al. **J Mol Appl Genet** 1984;2(5):471-84

DNA packaging by the Bacillus subtilis defective bacteriophage PBSX. Anderson LM, et al. **J Virol** 1985 Jun;54(3):773-80

In vitro replication of Sendai virus wild-type and defective interfering particle genome RNAs. Carlsen SR, et al. **J Virol** 1985 May;54(2):493-500

Structure of the intracellular defective viral RNAs of defective interfering particles of mouse hepatitis virus. Makino S, et al. **J Virol** 1985 May;54(2):329-36

P3HR-1 Epstein-Barr virus with heterogeneous DNA is an independent replicon maintained by cell-to-cell spread. Miller G, et al. **J Virol** 1985 Apr;53(4):45-52

Nucleotide sequence and structural features of a novel US-a junction present in a defective herpes simplex virus genome. Mocarski ES, et al. **J Virol** 1985 Jul;55(1):140-6

Recombination between a defective retrovirus and homologous sequences in host DNA: reversion by patch repair. Schwartzberg P, et al. **J Virol** 1985 Mar; 53(3):719-26

A defective ecotropic provirus closely linked to the albino locus. Silver J. **J Virol** 1985 Aug;55(2):494-6

Studies of defective interfering RNAs of Sindbis virus with and without tRNAAsp sequences at their 5' termini. Tsiang M, et al. **J Virol** 1985 Apr;53(4):38-44

Errant processing and structural alterations of genomes present in a varicella-zoster virus vaccine. Vlazny DA, et al. **J Virol** 1985 Oct;56(1):92-101

Deletion in the 3' pol sequence correlates with aberration of RNA expression in certain replication-defective avian sarcoma viruses. Wang LH. **J Virol** 1985 May;54(2):446-59

A mutant murine leukemia virus with a single missense codon in pol is defective in a function affecting integration. Donehower LA, et al. **Proc Natl Acad Sci USA** 1984 Oct; 81(20):6461-5

Expression of Sendai virus defective-interfering genomes with internal deletions. Hsu CH, et al. **Virology** 1985 Oct 15;146(1):38-49

Nucleotide sequences responsible for generation of internally deleted Sendai virus defective interfering genomes. Re GG, et al. **Virology** 1985 Oct 15;146(1):27-37

Restriction of cell surface expression of Sendai virus hemagglutinin-neuraminidase glycoprotein correlates with its higher instability in persistently and standard plus defective interfering virus infected BHK-21 cells. Roux L, et al. **Virology** 1984 Oct 15;138(1):118-28

GROWTH & DEVELOPMENT

Growth of defective subacute sclerosing panencephalitis viruses in human neural cells and their neurovirulence in mice. Sakaguchi M, et al. **J Gen Virol** 1985 Feb;66 (Pt 2):373-7

ISOLATION & PURIFICATION

Hepatitis, the delta agent and modern virology [editorial] Smuckler EA. **Arch Pathol Lab Med** 1985 May;109(5):394

PATHOGENICITY

Virology and clinical significance of delta agent infection. Hansson BG. **J Virol Methods** 1985 Apr;10(4):295-8

PHYSIOLOGY

Bacteriophages of Bacillus polymyxa. Starościak BJ, et al. **Acta Microbiol Pol** 1985;34(2):131-6

Protection of mice infected with a lethal dose of Semliki Forest virus by defective interfering virus: modulation of virus multiplication. Barrett AD, et al. **J Gen Virol** 1984 Nov;65 (Pt 11):1909-20

Defective interfering virus particles modulate virulence. Cave DR, et al. **J Virol** 1985 Aug;55(2):366-73

S13, a rapidly oncogenic replication-defective avian retrovirus. Beug H, et al. **Virology** 1985 Aug;145(1):141-53

ULTRASTRUCTURE

Defective interfering particles of Semliki Forest virus are smaller than particles of standard virus. Barrett AD, et al. **J Gen Virol** 1984 Dec;65 (Pt 12):2265-8

DEFECTS, EQUIPMENT see **EQUIPMENT FAILURE**

DEFENMETRAZIN see **PHENMETRAZINE**

DEFENSE MECHANISMS

Maturity of ego defenses in relation to DSM-III axis II personality disorder. Vaillant GE, et al. **Arch Gen Psychiatry** 1985 Jun;42(6):597-601

Awareness of cognitive defences and stress management. Heilbrun AB Jr, et al. **Br J Med Psychol** 1985 Mar;58 (Pt 1):9-17

Defense mechanisms used by sexually abused children. Adams-Tucker C. **Child Today** 1985 Jan-Feb;14(1):8-12, 34

Excitatory projections from hypothalamic and midbrain defense regions to nucleus paragigantocellularis lateralis in the rat. Li P, et al. **Exp Neurol** 1985 Sep;89(3):543-53

The relative efficacy of avoidant and nonavoidant coping strategies: a meta-analysis. Suls J, et al. **Health Psychol** 1985;4(3):249-88

The developmental course of defense mechanisms in later life. Shenfeld ME. **Int J Aging Hum Dev** 1984-85; 19(1):55-71

Discussions with Anna Freud on The Ego and the Mechanisms of Defence: The Ego and the Id at Puberty. Sandler J. **Int J Psychoanal** 1983;64 (Pt 4):401-6

Resistance and primitive anxiety. McCarthy JB. **J Am Acad Psychoanal** 1985 Apr;13(2):181-9

Repression and other forms of cognitive evasiveness: implications for stress symptoms in college students. Heilburn AB Jr, et al. **J Am Coll Health** 1984 Dec; 33(3):106-11

Success, retreat, panic: over-stimulation and depressive defence. Hultberg P. **J Anal Psychol** 1985 Jan;30(1):73-93

Meaning of the Repression-Sensitization scale: defensive style or self-report of symptoms of psychopathology. Budd EC, et al. **J Clin Psychol** 1985 Jan;41(1):63-8

MMPI discrimination of defensive and nondefensive felony sex offenders. Lanyon RI, et al. **J Consult Clin Psychol** 1984 Oct;52(5):841-3

Coping and defense: constellations vs. components. Caplan RD, et al. **J Health Soc Behav** 1984 Sep;25(3):303-20

Human reactions to the Nazi concentration camps: a summing up. Schmolling P. **J Human Stress** 1984 Fall;10(3):108-20 (36 ref.)

The Rorschach Comprehensive System Egocentricity Index in psychiatric inpatients. Barley WD, et al. **J Pers Assess** 1985 Apr;49(2):137-40

Menstrual discomfort, psychological defenses, and feminine identification. Greenberg RP, et al. **J Pers Assess** 1984 Dec; 48(6):643-8

Effect of extrinsic incentives on use of test anxiety as an anticipatory attributional defense: playing it cool when the stakes are high. Greenberg J, et al. **J Pers Soc Psychol** 1984 Nov;47(5):1136-45

The patient is splitting. Everyone knows and nothing changes. Gallop R. **J Psychosoc Nurs Ment Health Serv** 1985 Apr;23(4):6-10

Further localization of midbrain neurones mediating the defence reaction in the cat by microinjections of excitatory amino acids. Bandler R, et al. **Neurosci Lett** 1985 May 23; 56(3):311-6

Narcissism as a defense against object loss: Stendhal and Proust. Sands S. **Psychoanal Rev** 1985 Spring;72(1):105-27

A chronology of defensive adaptations to severe psychological trauma. Pruett KD. **Psychoanal Study Child** 1984;39:591-612

Comparison of defense mechanisms utilized in perception by congenitally blind and sighted respondents. Minskoff S, et al. **Psychol Rep** 1984 Aug;55(1):228-30

Perceptgenetic defenses against anxiety and a threatened sense of self as seen in terms of the Spiral Aftereffect Technique. Andersson AL, et al. **Scand J Psychol** 1985; 26(2):123-39

Character and defense: relationships between oral, obsessive and hysterical character traits and defense mechanisms. von der Lippe A, et al. **Scand J Psychol** 1984;25(3):258-64

[Differential approach of self mutilation and self offending behaviors from the point of view of object relation and defense mechanisms] Scharbach H. **Ann Med Psychol (Paris)** 1984 Dec;142(10):1318-31 (Fre)

[Conditioning of acoustic evoked potentials and unconscious stimulus processing in repressors, non-defensives and sensitizers] Roth R. **Arch Psychol (Frankf)** 1984; 136(1):13-33 (Eng. Abstr.) (Ger)

[Psychiatric hospitals--an institutionalized defense system. I] Leuschner W. **Psychiatr Prax** 1985 Jul;12(4):111-5 (Eng. Abstr.) (Ger)

[Self-exchange drive of pedophilic patients] Berner W. **Psychother Psychosom Med Psychol** 1985 Jan;35(1):17-23 (Eng. Abstr.) (Ger)

[Psychodynamic aspects of schizophrenic negativism in individual psychotherapy] Benedetti G. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(1):17-27 (Eng. Abstr.) (Ger)

DEFENSIVE MEDICINE see under **MALPRACTICE**

DEFEROXAMINE

Use of desferrioxamine as a 'probe' for iron-dependent formation of hydroxyl radicals. Evidence for a direct reaction between desferal and the superoxide radical. Halliwell B. **Biochem Pharmacol** 1985 Jan 15;34(2):229-33

ADMINISTRATION & DOSAGE

The effect of subcutaneous deferoxamine on the cardiac profile of thalassemia major: a five-year study. Giardina PJ, et al. **Ann NY Acad Sci** 1985;445:282-92

Combined subcutaneous and high-dose intravenous deferoxamine therapy of thalassemia. Hyman CB, et al. **Ann NY Acad Sci** 1985;445:293-303

Improved oxygen delivery to tissues and iron chelator transport through the use of lysed and resealed red blood cells: a new perspective on Cooley's anemia therapy. Ropars C, et al. **Ann NY Acad Sci** 1985;445:304-15

Red cell ghost-entrapped deferoxamine as a model clinical targeted delivery system for iron chelators and other compounds. Green R. **Bibl Haematol** 1985;(51):25-35

Advances in the treatment of porphyria cutanea tarda. Effectiveness of slow subcutaneous desferrioxamine infusion. Gibertini P, et al. **Liver** 1984 Aug;4(4):280-4

Concomitant removal of aluminium and iron by haemodialysis and haemofiltration after desferrioxamine intravenous infusion. Ciancioni C, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:469-73

[Desferrioxamine in hemodialysis as the cause of Yersinia enterocolitica septicemia (letter)] Waterlot Y, et al. **Presse Med** 1985 Mar 23;14(12):699 (Fre)

ADVERSE EFFECTS

Ocular changes in patients undergoing long-term desferrioxamine treatment. Arden GB, et al. **Br J Ophthalmol** 1984 Dec;68(12):873-7

Allergy to desferrioxamine. Romeo MA, et al. **J Inherited Metab Dis** 1984;7(3):121

Acute deafness and desferrioxamine [letter] Guerin A, et al. **Lancet** 1985 Jul 6;2(8445):39-40

Ocular toxicity of desferrioxamine [letter] Rubinstein M, et al. **Lancet** 1985 Apr 6;1(8432):817-8

ANALOGS & DERIVATIVES

Cellular pharmacology of deferrioxamine B and derivatives in cultured rat hepatocytes in relation to iron mobilization. Laub R, et al. **Biochem Pharmacol** 1985 Apr 15; 34(8):1175-83

N-Succinyldesferrioxamine B: a potential radiopharmaceutical for assessing renal function. Herscheid JD, et al. **Eur J Nucl Med** 1984;9(11):508-10

ANALYSIS

Determination of desferoxamine and a major metabolite by high-performance liquid chromatography. Application to the treatment of aluminium-related disorders. Kruck TP, et al. **J Chromatogr** 1985 May 31;341(1):123-30

DIAGNOSTIC USE

Use of the deferoxamine infusion test in the diagnosis of aluminum-related osteodystrophy. Milliner DS, et al. **Ann Intern Med** 1984 Dec;101(6):775-9

Predictive value of desferrioxamine infusion test for bone aluminium deposits in hemodialyzed patients. Berland Y, et al. **Nephron** 1985;40(4):433-5

The desferrioxamine test predicts bone aluminium burden induced by A1(OH)3 in uraemic patients but not mild histological osteomalacia. Fournier A, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:371-6

METABOLISM

Iron transport in Streptomyces pilosus mediated by ferrichrome siderophores, rhodotorulic acid, and enantio-rhodotorulic acid. Müller G, et al. **J Bacteriol** 1984 Oct;160(1):313-8

Specificity and mechanism of ferrioxamine-mediated iron transport in Streptomyces pilosus. Müller G, et al. **J Bacteriol** 1984 Oct;160(1):304-12

PHARMACODYNAMICS

Effect of an iron-chelating agent on lymphocyte proliferation. Bowern N, et al. **Aust J Exp Biol Med Sci** 1984 Dec;62 (Pt 6):743-54

Asbestos-catalysed lipid peroxidation and its inhibition by desferroxamine. Weitzman SA, et al. **Biochem J** 1985 Jan 1;225(1):259-62

Paraquat toxicity is enhanced by iron and reduced by desferrioxamine in laboratory mice. Kohen R, et al. **Biochem Pharmacol** 1985 May 15;34(10):1841-3

Cellular pharmacology of deferrioxamine B and derivatives in cultured rat hepatocytes in relation to iron mobilization. Laub R, et al. **Biochem Pharmacol** 1985 Apr 15; 34(8):1175-83

The interaction of hemerythrin with sodium dodecyl sulfate and the release of iron from the product with desferrioxamine B. Bradić Z, et al. **Biochim Biophys Acta** 1985 Mar 22;828(1):86-94

Relative tumour enhancement of 67Ga uptake by desferrioxamine. Hammersley PA. **Eur J Nucl Med** 1984; 9(10):461-71

The effect of desferrioxamine on the proliferative response of rat lymphocytes stimulated with various mitogens in vitro. Soyano A, et al. **Immunopharmacology** 1984 Dec; 8(3-4):163-9

Effect of a specific iron chelator, desferrioxamine on the host biochemistry and parasitaemia in mice infected with Plasmodium berghei. Singh C, et al. **Indian J Malariol** 1985 Jun;22(1):35-44

Effects of iron and desferrioxamine on infections with Yersinia enterocolitica. Robins-Browne RM, et al. **Infect Immun** 1985 Mar;47(3):774-9

Effect of iron chelators on the transferrin receptor in K562 cells. Bridges KR, et al. **J Biol Chem** 1984 Nov 10; 259(21):12970-7

Storage iron exchange in the rat as affected by deferoxamine. Kim BK, et al. **J Lab Clin Med** 1985 Apr;105(4):440-8

The effect of desferrioxamine on antigen-induced inflammation in the rat air pouch. Yoshino S, et al. **J Pharm Pharmacol** 1984 Aug;36(8):543-5

Experimental investigations on the effect of desferrioxamine on the aqueous level of iron administered intraorbitally. Gerkowicz K, et al. **Ophthalmologica** 1984;189(3):139-42

THERAPEUTIC USE

Effect of ascorbic acid on desferrioxamine-induced urinary iron excretion in idiopathic hemochromatosis. Conte D, et al. **Acta Haematol (Basel)** 1984;72(2):117-20

Successful treatment of dialysis osteomalacia and dementia, using desferrioxamine infusions and oral 1-alpha hydroxycholecalciferol. Hood SA, et al. **Am J Nephrol** 1984;4(6):369-74

The effect of deferoxamine on bleomycin-induced lung fibrosis in the hamster. Chandler DB, et al. **Am Rev Respir Dis** 1985 Apr;131(4):596-8

Long-term efficacy of deferoxamine iron chelation therapy in adults with acquired transfusional iron overload. Schafer AI, et al. **Arch Intern Med** 1985 Jul;145(7):1217-21

Vitamin C, desferrioxamine and iron loading anemias. Van der Weyden MB. **Aust NZ J Med** 1984 Oct;14(5):593-5

Iron detoxification by haemoperfusion through deferoxamine-conjugated agarose-polyacrolein microsphere beads. Horowitz D, et al. **Biomaterials** 1985 Jan;6(1):9-16

Depletion of excessive liver iron stores with desferrioxamine. Cohen A, et al. **Br J Haematol** 1984 Oct;58(2):369-73

Increased storage of iron and anaemia in rheumatoid arthritis: usefulness of desferrioxamine. Giordano N, et al. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):961-2

Treatment of rheumatoid arthritis with desferrioxamine: relation between stores of iron before treatment and side effects. Polson RJ, et al. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):448

Ultrafiltration studies in vitro of serum aluminum in dialysis patients after deferoxamine chelation therapy. Leung FY, et al. **Clin Chem** 1985 Jan;31(1):20-3

Plasmodium vinckei: suppression of mouse infections with desferrioxamine B. Fritsch G, et al. **Exp Parasitol** 1985 Oct;60(2):171-4

Studies on the use of desferrioxamine in experimental ocular siderosis produced by extrabulbar administration of iron. Gerkowicz K, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(2):101-5

The EEG in progressive dialysis encephalopathy. The EEG and clinical indices of PDE in cases treated with desferrioxamine. (Part. II). Luda E, et al. **Ital J Neurol Sci** 1984 Dec;5(4):375-80

Inhibition of autoimmune neuropathological process by treatment with an iron-chelating agent. Bowern N, et al. **J Exp Med** 1984 Nov 1;160(5):1532-43

Desferrioxamine and Alzheimer's dementia [letter] King RG. **Med J Aust** 1985 Mar 18;142(6):352

Deferoxamine and favism [letter] Ekert H, et al. **N Engl J Med** 1985 May 9;312(19):1260

Prevention of cardiac disease by subcutaneous deferoxamine in patients with thalassemia major. Wolfe L, et al. **N Engl J Med** 1985 Jun 20;312(25):1600-3

Deferoxamine therapy of bone aluminum accumulation in renal dialysis patients **Nutr Rev** 1985 Apr;43(4):103-5 (11 ref.)

A comparative trial of desferrioxamine and hydroxychloroquine for treatment of porphyria cutanea tarda in alcoholic patients. Marchesi L, et al. **Photodermatol** 1984 Dec;1(6):286-92

Desferrioxamine treatment for aluminium and iron overload in uraemic patients by haemodialysis or haemofiltration. Baldamus CA, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:382-6

Desferrioxamine induced aluminium removal in haemodialysis. Bonal J, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:366-70

Iron removal by desferrioxamine during haemodialysis: in vitro studies. Müller-Wiefel DE, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:377-81

Case report 294. Diagnosis: dialysis osteomalacia with response to desferrioxamine therapy. Xipell JM, et al. **Skeletal Radiol** 1984;12(4):298-302

Plasma aluminum and iron kinetics in hemodialyzed patients after i.v. infusion of desferrioxamine. Ciancioni C, et al. **Trans Am Soc Artif Intern Organs** 1984;30:479-82

[Iron overload in a beta thalassemia heterozygote of the intermediate type in a subject of Alsation origin. Results of iron chelation treatment] North ML, et al. **Nouv Rev Fr Hematol** 1984;26(5):317-21 (Eng. Abstr.) (Fre)

[Deferoxamine in hemosiderosis. Fecal iron excretion during continuous subcutaneous infusion] Krüger N, et al. **Dtsch Med Wochenschr** 1984 Nov 2;109(44):1682-5 (Eng. Abstr.) (Ger)

[Therapy of hemosiderosis with deferoxamine] Strohmeyer G, et al. **Dtsch Med Wochenschr** 1984 Nov 2; 109(44):1669-70 (Ger)

DEFIBRILLATION, ELECTRIC see **ELECTRIC COUNTERSHOCK**

DEFICIENCY DISEASES

COMPLICATIONS

Are insulin dependent diabetics in the West of Scotland prone to nutritional deficiencies? Hutchison AS, et al. **Diabetes Res** 1985 Jan;2(1):35-6

Ethanol and diet interactions in male rhesus monkeys. Rogers AE, et al. **Drug Nutr Interact** 1981;1(1):3-14

Interactions of nutrition and temporomandibular joint dysfunction. Mallek H, et al. **Ear Nose Throat J** 1984 Oct; 63(10):499-504

DIAGNOSIS

The detection of post-gastrectomy deficiency syndromes in general practice. Richardson MJ. **J R Coll Gen Pract** 1985 Jan;35(270):35-6

Assessment of nutritional status: functional indicators of pediatric nutriture. Solomons NW. **Pediatr Clin North Am** 1985 Apr;32(2):319-34 (45 ref.)

ETIOLOGY

Infants of low birth weight: special needs and problems. Ziegler EE. **Am J Clin Nutr** 1985 Feb;41(2 Suppl):440-6

Nutrient deficiencies during total parenteral nutrition. Rudman D, et al. **Nutr Rev** 1985 Jan;43(1):1-13 (72 ref.)

Follow-up studies on children with severe dietary chloride deficiency during infancy. Hellerstein S, et al. **Pediatrics** 1985 Jan;75(1):1-7

HISTORY

Dearth, diet, and disease in Ireland, 1850: a case study of nutritional deficiency. Crawford EM. **Med Hist** 1984 Apr; 28(2):151-61

IMMUNOLOGY

Nutritional regulation of host resistance and predictive value of immunologic tests in assessment of outcome. Puri S, et al. **Pediatr Clin North Am** 1985 Apr;32(2):499-516 (60 ref.)

Cell-mediated immunity in nutritional deficiency. McMurray DN. **Prog Food Nutr Sci** 1984;8(3-4):193-228 (155 ref.)

METABOLISM

[Are the 'nutritional ' and 'hormonal' status of vitamin D disturbed in the chronic alcoholic?] Gascon-Barré M. **Union Med Can** 1985 Apr;114(4):308-12, 329 (Eng. Abstr.) (Fre)

OCCURRENCE

Leads from the MMWR. Evaluation of drought-related acute undernutrition—Mauritania, 1983. **JAMA** 1984 Dec 14; 252(22):3117-8

Micronutrient deficiencies in the 1980s [editorial] Dreosti IE. **Med J Aust** 1984 Nov 10:141(10):630–1

Evaluation of drought-related acute undernutrition—Mauritania, 1983. **MMWR** 1984 Oct 12; 33(40):566–7

PHYSIOPATHOLOGY

Trace metals in human nutrition. Sandstead HH. **Curr Concepts Nutr** 1984;13:37–46 (51 ref.)

Electrophysiological studies of myoclonus in sialidosis type 2. Tobimatsu S, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;60(1):16–22

VETERINARY

Effects of nutrition of animals on their ectoparasites. Nelson WA. **J Med Entomol** 1984 Nov 29;21(6):621–35 (83 ref.)

Ferritin, iron and total iron-binding capacity of the serum from Holstein young steers in prolonged undernutrition. Furugouri K. **Nippon Juigaku Zasshi** 1984 Dec; 46(6):859–65

DEFOLIANTS, CHEMICAL see under HERBICIDES

DEFORMITIES see ABNORMALITIES

DEGLUTITION

The volume of a swallow: correlation of deglutition with patient and container parameters. Watson WA, et al. **Am J Emerg Med** 1983 Nov;1(3):278–81

The effects of swallowing frequency and transdermal scopolamine on esophageal acid clearance. Allen ML, et al. **Am J Gastroenterol** 1985 Sep;80(9):669–72

Swallowing induces sequential activation of esophageal longitudinal smooth muscle. Sugarbaker DJ, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):G515–9

Amniotic fluid volume and fetal swallowing rate in sheep. Tomoda S, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R133–8

Radiologic evaluation of swallowing. Donner MW. **Am Rev Respir Dis** 1985 May;131(5):S20–3

Frequency and significance of swallowing during prolonged apnea in infants. Menon AP, et al. **Am Rev Respir Dis** 1984 Dec;130(6):969–73

Pulmonary protective mechanisms in human infants. Thach BT, et al. **Am Rev Respir Dis** 1985 May;131(5):S55–8

Coordination of sucking, swallowing and respiration in infants with sleep apnea syndrome. Kerbl R, et al. **Biomed Tech (Berlin)** 1984 Nov;29(11):274–8

Effects of increasing depth of anaesthesia on phrenic nerve and hypoglossal nerve activity during the swallowing reflex in cats. Nishino T, et al. **Br J Anaesth** 1985 Feb; 57(2):208–13

Brainstem organization of the swallowing network. Jean A. **Brain Behav Evol** 1984;25(2–3):109–16

Interaction between licking and swallowing in the drinking rat. Weijnen JA, et al. **Brain Behav Evol** 1984; 25(2–3):117–27

Swallow syncope. Armstrong PW, et al. **Can Med Assoc J** 1985 Jun 1;132(11):1281–4

Capsule swallowing: the lean-forward technique. Kahn G. **Cutis** 1985 Aug;36(2):144

Identification of the medullary swallowing regions in the rat. Kessler JP, et al. **Exp Brain Res** 1985;57(2):256–63

Adaptation, compensation, and decompensation of the pharyngeal swallow. Buchholz DW, et al. **Gastrointest Radiol** 1985;10(3):235–9

Anatomy and physiology of the pharynx. Donner MW, et al. **Gastrointest Radiol** 1985;10(3):196–212

Double-contrast examination of the pharynx. Ekberg O, et al. **Gastrointest Radiol** 1985;10(3):263–71

Dynamic imaging of the pharynx. Jones B, et al. **Gastrointest Radiol** 1985;10(3):213–24

Special swallowing problems in children. Kramer SS. **Gastrointest Radiol** 1985;10(3):241–50

A study of changes in swallowing habit resulting from tongue thrust therapy recommended by R.H. Barrett. Harden J, et al. **Int J Orthod** 1984 Jun–Sep;22(2–3):12–7

Timing in the normal pharyngeal swallow. Prospective selection and evaluation of 16 normal asymptomatic patients. Curtis DJ, et al. **Invest Radiol** 1984 Nov–Dec; 19(6):523–9

Ultrasound analysis of tongue, hyoid, and larynx activity during swallowing. Shawker TH, et al. **Invest Radiol** 1984 Mar–Apr;19(2):82–6

Control of the central swallowing program by inputs from the peripheral receptors. A review. Jean A. **J Auton Nerv Syst** 1984 May–Jun;10(3–4):225–33 (34 ref.)

Teaching a six-year-old girl to swallow pills. Dahlquist LM, et al. **J Behav Ther Exp Psychiatry** 1984 Jun;15(2):171–3

The effect of swallowing frequency on oral sugar clearance and pH changes by Streptococcus mitior in vivo after sucrose ingestion. Lagerlöf F, et al. **J Dent Res** 1985 Oct; 64(10):1229–32

Swallow-evoked action potentials in vagal preganglionic efferents. Gidda JS, et al. **J Neurophysiol** 1984 Dec; 52(6):1169–80

Assessing effective obturation. Watson RM, et al. **J Prosthet Dent** 1985 Jul;54(1):88–93

Simultaneous manometry and electromyography in the pharyngoesophageal segment. van Overbeek JJ, et al. **Laryngoscope** 1985 May;95(5):582–4

Pharyngoesophageal swallowing: a review of 618 videorecorded cases. Curtis DJ, et al. **Milit Med** 1984 Oct; 149(10):545–9

Oesophageal transit of liquid: effects of single or multiple swallows. Ham HR, et al. **Nucl Med Commun** 1985 May; 6(5):263–7

[Closure of the neoglottis phonatoria in deglutition] Hybášek I. **Cesk Otolaryngol** 1984 Jun;33(3):147–50 (Eng. Abstr.) (Cze)

[Pressure on the lingual edge of the denture base during swallowing] Nagao M. **Kokubyo Gakkai Zasshi** 1984 Jun; 51(2):455 (Jpn)

[A Basic study of the deglutition reflex mechanism] Shin T, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 May; 88(5):643–50 (Eng. Abstr.) (Jpn)

[Temporal and spectral characteristics of artefact signals and background bioelectrical activity] Ovsianik VP, et al. **Med Tekh** 1984 Nov–Dec;(6):15–8 (Eng. Abstr.) (Rus)

DEGLUTITION DISORDERS

Anesthetic management of a patient with Moebius syndrome. Krajcirik WJ, et al. **Anesth Analg** 1985 Mar;64(3):371–2

The multidisciplinary approach to dysphagia. **Gastrointest Radiol** 1985;10(3):193–261

The Swallowing Center: concepts and procedures. Ravich WJ, et al. **Gastrointest Radiol** 1985;10(3):255–61

CHEMICALLY INDUCED

Barium granuloma of gastroesophageal junction causing progressive dysphagia. Solc P, et al. **Dtsch Z Verdau Stoffwechselkr** 1985;45(1):27–30

COMPLICATIONS

Deglutition syncope and atrioventricular block selectively induced by hot food and liquid. Kunis RL, et al. **Am J Cardiol** 1985 Feb 15;55(5):613

[Clinical significance of esophageal web in Plummer–Vinson syndrome] Okamura H, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 May;87(5):557–66 (Eng. Abstr.) (Jpn)

DIAGNOSIS

Dysphagia in Huntington's disease. Leopold NA, et al. **Arch Neurol** 1985 Jan;42(1):57–60

Dysphagia. Edwards DA. **Postgrad Med J** 1984 Nov; 60(709):737–42

Scintigraphy, radiography, and acid clearing in dysphagia patients after anti-reflux surgery. Kjellén G, et al. **Scand J Gastroenterol** 1984 Nov;19(8):1022–6

[Plummer–Vinson syndrome or related syndrome in 3 black African women] Aubry P, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Feb–Mar; 21(2):113–6 (Eng. Abstr.) (Fre)

[Orofacial dyskinesias and changes in the nasal, naso- and oropharyngeal airways] Jonas I, et al. **Fortschr Kieferorthop** 1985 Apr;46(2):113–26 (Eng. Abstr.) (Ger)

DRUG THERAPY

Steroid-responsive dysphagia: a clue to the diagnosis of esophageal lymphoma. Field SP, et al. **Mt Sinai J Med (NY)** 1984 Jul–Aug;51(4):451–4

ETIOLOGY

Esophageal lesions after total laryngectomy. Gibbons RG, et al. **AJR** 1985 Jun;144(6):1197–200

Dysphagia and lower esophageal sphincter abnormalities after proximal gastric vagotomy. Guelrud M, et al. **Am J Surg** 1985 Feb;149(2):232–5

Anterolateral extrapharyngeal approach for cervical osteophyte-induced dysphagia. Literature review. Sobol SM, et al. **Ann Otol Rhinol Laryngol** 1984 Sep–Oct;93(5 Pt 1):498–504 (41 ref.)

Dysphagia and Forestier's disease. Deutsch EC, et al. **Arch Otolaryngol** 1985 Jun;111(6):400–2

Dysphagia as the presenting symptom of tetanus. Wang L, et al. **Arch Otolaryngol** 1985 May;111(5):342–3

Swallowing disorders in persons with cerebrovascular accident. Veis SL, et al. **Arch Phys Med Rehabil** 1985 Jun; 66(6):372–5

Multicentric reticulohistiocytosis: a cause of dysphagia with response to corticosteroids. Zeale PJ, et al. **Arthritis Rheum** 1985 Feb;28(2):231–4

Oesophageal tuberculosis: an unusual cause of dysphagia. Savage PE, et al. **Br J Radiol** 1984 Dec;57(684):1153–5

Esophageal web associated with Zenker's diverticulum: a possible cause of continuing dysphagia after diverticulectomy. Mercer CD, et al. **Can J Surg** 1985 Jul; 28(4):375–6

Dysphagia due to cervical spine osteophytes [letter] Rosen HJ. **Can Med Assoc J** 1985 Jul 1;133(1):15

Two cases of dysphagia due to cervical spine osteophytes successfully treated surgically. Yee C, et al. **Can Med Assoc J** 1985 Apr 1;132(7):810–2

Odynophagia in patients with malignant disorders. Slee GR, et al. **Cancer** 1985 Jun 15,55(12):2877–9

Mitral valve disease and dysphagia. Behl PR, et al. **Eur Heart J** 1984 Nov;5(11):919–23

Severe dyspnea and dysphagia resulting from an aberrant cervical thymus. Bistritzer T, et al. **Eur J Pediatr** 1985 May;144(1):86–7

Dysphagia after open heart surgery. Boyce HW Jr. **Hosp Pract [Off]** 1985 Sep 15;20(9):40, 43, 47 passim

Dysphagia as a primary manifestation of hyperthyroidism. Branski D, et al. **J Clin Gastroenterol** 1984 Oct;6(5):437–40

Pitfalls in the diagnosis of recurrent ulceration after surgery for peptic ulcer disease. Mosimann F, et al. **J Clin Gastroenterol** 1985 Apr;7(2):133–6

Intraoral lipoma. A rare cause of dysphagia. Larsen K, et al. **J Laryngol Otol** 1984 Oct;98(10):1041–2

Dynamics of swallowing in tetanus. Watanabe H, et al. **J Laryngol Otol** 1984 Sep;98(9):953–6

Manometric demonstration of aberrant right subclavian artery associated with dysphagia. Orenstein SR. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):634–6

Swallowing difficulties and iron deficiency [letter] Dijkstra BK. **J R Soc Med** 1984 Dec;77(12):1064

Dysphagia complicating hiatal hernia repair. Henderson RD. **J Thorac Cardiovasc Surg** 1984 Dec;88(6):922–8

Dysphagia due to simultaneous laryngocele and Zenker's diverticulum. Birt BD. **Laryngoscope** 1985 Jan;95(1):1–2

Disordered swallowing due to a syrinx: correction by shunting. Bleck TP, et al. **Neurology** 1984 Nov; 34(11):1497–8

Pharyngeal obstruction by Kaposi's sarcoma in a homosexual male with acquired immune deficiency syndrome. Patow CA, et al. **Otolaryngol Head Neck Surg** 1984 Dec; 92(6):713–6

Derangement of swallowing in children with myelomeningocele. Fernbach SK, et al. **Pediatr Radiol** 1985;15(5):311–4

Painful dysphagia in a case of mediastinal tuberculous lymphadenopathy. Ghimire MP, et al. **Postgrad Med J** 1985 May;61(715):427–8

Disordered oesophageal motility in thyrotoxic myopathy. Sweatman MC, et al. **Postgrad Med J** 1985 Jul; 61(717):619–20

Benign extrinsic oesophageal dysphagia. Case reports. di Bisceglie AM, et al. **S Afr Med J** 1985 Feb 9;67(6):219–21

Dysphagia and dystrophia myotonica. A case report. Pettengell KE, et al. **S Afr Med J** 1985 Jul 20;68(2):113–4

Oesophageal obstruction due to saccular aneurysm of the distal thoracic aorta. Pattison CW, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):279–82

Giant posterior inferior cerebellar artery aneurysm with dysphagia. Massey CE, et al. **Surg Neurol** 1984 Nov; 22(5):467–71

[Forestier's disease and dysphagia] Koefoed-Nielsen B, et al. **Ugeskr Laeger** 1984 Jul 23;146(30):2237–8 (Eng. Abstr.) (Dan)

[Dysphagia in Parkinson's disease (letter)] Allain H, et al. **Presse Med** 1985 May 4;14(18):1035–6 (Fre)

[Functional complications following supraglottal laryngectomy] Stell PM, et al. **HNO** 1984 Sep;32(9):385–7 (Eng. Abstr.) (Ger)

[Tilting of the epiglottis following thoracic sympathectomy] Reichelt HG. **ROFO** 1985 May;142(5):582–3 (Ger)

[Intramural pseudodiverticulosis of the esophagus: presentation of an unusual case] Perri G, et al. **Radiol Med (Torino)** 1984 Apr;70(4):180–1 (Ita)

[A case of Forestier's disease causing dysphagia] Hasegawa H, et al. **No Shinkei Geka** 1984 Nov;12(12):1379–83 (Eng. Abstr.) (Jpn)

[Effect of selective proximal vagotomy on the function of the physiologic cardia] Pomelov VS, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):25-31 (Eng. Abstr.) (Rus)

[Dysphagia lusoria. Apropos of 3 cases] Galizzi JM, et al. **Acta Gastroenterol Latinoam** 1983;13(4):727–31 (Eng. Abstr.) (Spa)

FAMILIAL & GENETIC

A study of swallowing difficulties in first degree relatives of patients with achalasia. Mayberry JF, et al. **Thorax** 1985 May;40(5):391–3

NURSING

Hypodermoclysis in the home [letter] Schen RJ, et al. **J Am Geriatr Soc** 1984 Dec;32(12):944

OCCURRENCE

[A Polynesian case of sideropenic dysphagia] Barouti H, et al. **Med Trop (Mars)** 1984 Oct–Dec;44(4):379–80 (Eng. Abstr.) (Fre)

PATHOLOGY

X-ray-negative dysphagia: is endoscopy necessary? DiPalma JA, et al. **J Clin Gastroenterol** 1984 Oct;6(5):409–11

[Plummer–Vinson syndrome] Shpontak AS, et al. **Klin Khir** 1985 Mar;(3):52–3 (Rus)

PHYSIOPATHOLOGY

Aspiration in head and neck surgical patients. Logemann JA. **Ann Otol Rhinol Laryngol** 1985 Jul–Aug;94(4 Pt 1):373–6

Adaptation, compensation, and decompensation of the pharyngeal swallow. Buchholz DW, et al. **Gastrointest Radiol** 1985;10(3):235-9

Pharyngoesophageal interrelationships: observations and working concepts. Jones B, et al. **Gastrointest Radiol** 1985;10(3):225-33

Special swallowing problems in children. Kramer SS. **Gastrointest Radiol** 1985;10(3):241-50

Pharyngoesophageal swallowing: a review of 618 videorecorded cases. Curtis DJ, et al. **Milit Med** 1984 Oct;149(10):545-9

Dysphagia. Pathophysiology, causes, and evaluation. Marshall JB. **Postgrad Med** 1985 Apr;77(5):58-63, 67-8

RADIOGRAPHY

Dysphagia in patients with gastric cancer and a normal esophagram. Halpert RD, et al. **Radiology** 1985 Mar;154(3):589-91

[Significance of roentgen cinematography in the diagnosis of functional disorders of the pharyngo-esophageal junction] Augustiny N, et al. **HNO** 1984 Dec;32(12):494-7 (Eng. Abstr.) **(Ger)**

RADIONUCLIDE IMAGING

Radionuclide esophageal transit (RET) study. The effect of body posture. Lamki L. **Clin Nucl Med** 1985 Feb;10(2):108-10

[Value of dynamic esophageal scintigraphy (radioisotope transit study) in the study of motility disorders of the esophagus] Simon L, et al. **Orv Hetil** 1985 Apr 7;126(14):827-8, 831-4 (Eng. Abstr.) **(Hun)**

REHABILITATION

Dynamic imaging for swallowing reeducation. Siebens AA, et al. **Gastrointest Radiol** 1985;10(3):251-3

SURGERY

Relief of dysphagia in motor neurone disease with cricopharyngeal myotomy. David VC. **Ann R Coll Surg Engl** 1985 Jul;67(4):229-31

Tube esophagostomy. A new technique in the management of long-term swallowing disorders. Tucker HM, et al. **Arch Otolaryngol** 1985 Mar;111(3):187-9

Pharyngoesophageal dysfunctions. The role of cricopharyngeal myotomy. Bonavina L, et al. **Arch Surg** 1985 May;120(5):541-9

Adult dysphagia lusoria. Treatment by arterial division and reestablishment of vascular continuity. Karlson KJ, et al. **Chest** 1985 May;87(5):684-6

Myotomy of the cricopharyngeal muscle. A treatment for dysphagia and aspiration in neurological disorders. Gay I, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(3):271-4

[Operative therapy of dysphagia caused by cervical spondylophytes] Rasinger GA, et al. **HNO** 1985 May;33(5):224-7 (Eng. Abstr.) **(Ger)**

THERAPY

Malignant stenosis of the esophagus treated with dilatation or intubation. Granström L, et al. **Acta Chir Scand [Suppl]** 1984;520:33-6

A spiral-grooved endoesophageal tube for management of malignant esophageal obstruction. Wang PY, et al. **Ann Thorac Surg** 1985 Jun;39(6):503-7

Medical management of disorders of swallowing. Buchin PJ, et al. **Otolaryngol Clin North Am** 1984 Nov;17(4):713-24

[Intermittent use of an oral catheter for feeding dysphagic children] Funahashi M, et al. **No To Hattatsu** 1985 Jan;17(1):3-9 (Eng. Abstr.) **(Jpn)**

DEGU see RODENTIA

DEHYDRATASES see HYDRO-LYASES

DEHYDRATION

see related

THIRST

Dehydration and fluid therapy. Gottlieb RP. **Emerg Med Clin North Am** 1983 Apr;1(1):113-23 (26 ref.)

BLOOD

Inhibition of plasma vasopressin after drinking in dehydrated humans. Geelen G, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R968-71

Hyperuricemia in acute dehydrating diarrhea. Sachdev HP, et al. **Indian Pediatr** 1984 Nov;21(11):881-4

Conservation of blood plasma fluids in hamadryas baboons after thermal dehydration. Zurovsky Y, et al. **J Appl Physiol** 1984 Sep;57(3):768-71

Effect of dehydration, haemorrhage and oviposition on serum concentrations of vasotocin, mesotocin and prolactin in the chicken. Nouwen EJ, et al. **J Endocrinol** 1984 Sep;102(3):345-51

CEREBROSPINAL FLUID

Vasopressin in plasma and ventricular cerebrospinal fluid during dehydration, postural changes, and nausea. Sørensen PS, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):R78-83

CHEMICALLY INDUCED

Dimethyl sulfoxide dehydration of the foot. A case history. Subotnick SI. **J Am Podiatr Med Assoc** 1985 May;75(5):263-5

Influence of diuretic-induced dehydration on competitive running performance. Armstrong LE, et al. **Med Sci Sports Exerc** 1985 Aug;17(4):456-61

COMPLICATIONS

The aggravating effect of dehydration on pulmonary edema induced by ionic and nonionic contrast media. Zack A, et al. **Invest Radiol** 1985 Mar-Apr;20(2):212-6

A case of severe dehydration with marked rhabdomyolysis. Kodama K, et al. **Jpn J Med** 1985 May;24(2):150-4

Does dehydration contribute to retarded fetal growth in rats exposed to alcohol during gestation? Leichter J, et al. **Life Sci** 1984 Nov 19;35(21):2105-11

The nutritional origin of cataracts. **Nutr Rev** 1984 Nov;42(11):377-9 (11 ref.)

DIAGNOSIS

Nonfatal maxillocerebral mucormycosis with orbital involvement in a dehydrated infant. Miller RD, et al. **Ann Ophthalmol** 1980 Sep;12(9):1065-8

[Dehydration in the aged] Bonelli J, et al. **Wien Med Wochenschr** 1984 Nov 30;134(22):487-93 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

Incidence of seizures that follow rehydration of hypernatremic rabbits with intravenous glucose or fructose solutions. Hogan GR, et al. **Exp Neurol** 1985 Feb;87(2):249-59

ENZYMOLOGY

Enkephalin convertase demonstrated in the pituitary and adrenal gland by [3H]guanidinoethylmercaptosuccinic acid autoradiography: dehydration decreases neurohypophyseal levels. Strittmatter SM, et al. **Endocrinology** 1985 Oct;117(4):1667-74

ETIOLOGY

Hypernatraemic dehydration revisited. Stalder GR, et al. **Acta Paediatr Hung** 1984;25(1-2):187-90

Hypernatremic dehydration in children with severe psychomotor retardation. Listernick R, et al. **Clin Pediatr (Phila)** 1985 Aug;24(8):440-2

Voluntary dehydration and alliesthesia for water. Hubbard RW, et al. **J Appl Physiol** 1984 Sep;57(3):868-73

[Influence of intradialysis dehydration on the behavior of left ventricular function during hemodialysis. Echocardiographic study] Zanzola M, et al. **Minerva Cardioangiol** 1984 Dec;32(12):867-72 (Eng. Abstr.) **(Ita)**

[Hypertonic dehydration with breast feeding] Martinez Escribano MP, et al. **An Esp Pediatr** 1984 Nov 30;21(8):774-6 **(Spa)**

METABOLISM

Influence of dehydration on cytoplasmic RNA in the neurocytes of the preoptic nucleus of Rana temporaria L. in the annual cycle. Lach H, et al. **Acta Morphol Hung** 1984;32(2):105-11

Osmotic factors in restitution from thermal dehydration in rats. Nose H, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R166-71

Elevated glucose utilization in the subfornical organ during dehydration. Kadekaro M, et al. **Brain Res Bull** 1985 Jul;15(1):99-104

Dehydration-induced alterations in rat brain vasopressin and atrial natriuretic factor immunoreactivity. Samson WK. **Endocrinology** 1985 Sep;117(3):1279-81

Rapid amino acid uptake in rat pituitary neural lobe during functional stimulation by chronic dehydration. Gross PM, et al. **J Cereb Blood Flow Metab** 1985 Mar;5(1):151-5

Lung surfactant phospholipids as related to hydration and choline status of fasted rats. Bruno JV, et al. **J Nutr** 1985 Jan;115(1):85-92

Atrial natriuretic factor inhibits dehydration and hemorrhage-induced vasopressin release. Samson WK. **Neuroendocrinology** 1985 Mar;40(3):277-9

[Activity of cAMP-dependent protein kinases and cAMP-binding proteins from rat renal cytosol upon dehydration.] Zelenina MN, et al. **Biokhimiia** 1985 Mar;50(3):439-42 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Synapse formation and disappearance in adult rat supraoptic nucleus during different hydration states. Tweedle CD, et al. **Brain Res** 1984 Sep 10;309(2):373-6

PHYSIOPATHOLOGY

The influence of dehydration on the changes in activity of neurocytes of the subfornical organ in the brain of Rana temporaria L. in annual cycle. Srebro Z, et al. **Acta Biol Hung** 1984;35(1):77-81

Evidence against role of antidiuretic hormone in support of blood pressure during dehydration. Fejes-Tóth G, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):H42-8

Reserpine inhibits release of vasopressin from the neural lobe of the pituitary in dehydrated rats. Alonso G, et al. **Cell Tissue Res** 1985;240(2):375-80

Effects of dehydration on the vasopressin response to immersion. von Ameln H, et al. **J Appl Physiol** 1985 Jan;58(1):114-20

Standardization of radiorenography in dehydrated and rehydrated primates under laboratory conditions. Dormehl IC, et al. **J Med Primatol** 1983;12(2):68-76

The anterior wall of the third cerebral ventricle and homeostatic responses to dehydration. McKinley MJ, et al. **J Physiol (Paris)** 1984;79(6):421-7

Dehydration-induced sodium appetite in rats. Weisinger RS, et al. **Physiol Behav** 1985 Jan;34(1):45-50

PREVENTION & CONTROL

The management of dehydration and incontinence in nonambulatory geriatric patients. Spangler PF, et al. **J Appl Behav Anal** 1984 Fall;17(3):397-401

[Effect of water-salt dietary supplements on tolerance to head-pelvis acceleration after 7 days of 'dry' immersion and during normal motor activity] Kokova NI. **Kosm Biol Aviakosm Med** 1984 Jul-Aug;18(4):33-7 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

Effect of hydration and dehydration on technetium-99m CO2 DADS renal studies in normal volunteers. Klingensmith WC 3d, et al. **J Nucl Med** 1985 Aug;26(8):875-9

THERAPY

Oral rehydration therapy in infectious diarrhoea. Comparison of rehydration solutions with 60 and 90 mmol sodium per litre. Sököücü S, et al. **Acta Paediatr Scand** 1985 Jul;74(4):489-94

Oral glucose-electrolyte solutions [editorial] Finberg L. **Am J Dis Child** 1985 Jun;139(6):552

Hypernatraemic dehydration in infants in Kuwait with special reference to therapy of associated metabolic acidosis. John AI, et al. **Ann Trop Paediatr** 1984 Dec;4(4):221-4

Oral rehydration solution without bicarbonate. Islam MR, et al. **Arch Dis Child** 1984 Nov;59(11):1072-5

Recent advances in paediatrics. Clark AC. **Aust Fam Physician** 1985 May;14(5):428-30

Diarrhoea, dehydration, and drugs [editorial] Candy DC. **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1245-6

Mixed rehydration. Posada G, et al. **Bull Pan Am Health Organ** 1985;19(1):40-4

Bone marrow rehydration [letter] Brewster D. **Cent Afr J Med** 1985 Feb;31(2):42-3

Oral rehydration of neonates and young infants with dehydrating diarrhea. Sachdev HP, et al. **Indian Pediatr** 1984 Mar;21(3):195-9

Preparation and quality control of hand-packaged oral rehydration salt sachets. Ali MA, et al. **J Diarrhoeal Dis Res** 1984 Sep;2(3):162-7

ORT III: a dilemma for policy makers, a confusion for parents [editorial] Hull TH. **J Diarrhoeal Dis Res** 1985 Mar;3(1):1-6

In search of a super oral rehydration solution: can optimum use of organic solute-mediated sodium absorption lead to the development of an absorption promoting drug? Mahalanabis D, et al. **J Diarrhoeal Dis Res** 1983 Jun;1(2):76-81 (23 ref.)

Accuracy of mixing oral rehydration solution at home by Egyptian mothers. el-Mougi M, et al. **J Diarrhoeal Dis Res** 1984 Sep;2(3):159-61

Oral hydration solutions: experimental optimization of water and sodium absorption. Lifshitz F, et al. **J Pediatr** 1985 Mar;106(3):383-9

Oral rehydration of infants in a large urban U.S. medical center. Tamer AM, et al. **J Pediatr** 1985 Jul;107(1):14-9

Oral rehydration for the low-birthweight baby with diarrhoea [letter] Abdalla S, et al. **Lancet** 1984 Oct 6;2(8406):818-9

Sodium balance in low birthweight babies after oral rehydration [letter] Abdalla S, et al. **Lancet** 1985 Mar 30;1(8431):757

Mothers can prepare and use rice-salt oral rehydration solution in rural Bangladesh. Rahman AS, et al. **Lancet** 1985 Sep 7;2(8454):539-40

Bicarbonate loss from commercial oral rehydration solution [letter] Rolston DD, et al. **Lancet** 1985 Mar 16;1(8429):638-9

Hypernatraemic dehydration and necrotizing enterocolitis. Clarke AJ, et al. **Postgrad Med J** 1985 Jan;61(711):65-6

[An example of false economy] Fliers EA, et al. **Ned Tijdschr Geneeskd** 1984 Nov 24;128(47):2209-10 **(Dut)**

[Comparative effects of the WHO solution and of a simplified solution in infants with acute diarrhea] Ben Mansour A, et al. **Ann Pediatr (Paris)** 1985 Mar 25;32(3 Pt 2):315-20 (Eng. Abstr.) **(Fre)**

[Acute diarrhea in infants in Tunisia] Hamza B, et al. **Bull Acad Natl Med (Paris)** 1984 Oct-Nov;168(7-8):959-70 **(Fre)**

[Oral rehydration—some current aspects] Sperotto G, et al. **Arq Gastroenterol** 1984 Apr-Jun;21(2):88-90 (Eng. Abstr.) **(Por)**

[Treatment of gastroenteritis dehydration with a gluco-electrolytic solution given orally in a hospital milieu] Baldellou Vázquez A, et al. **An Esp Pediatr** 1984 Jun; 20(9):860-8 (Eng. Abstr.) (Spa)

[Oral hydration in infants hospitalized for acute diarrheic syndrome, using formulations of different energy densities] Duffau-Toro G, et al. **Bol Med Hosp Infant Mex** 1985 Jan;42(1):9-15 (Eng. Abstr.) (Spa)

[In search of the ideal solution for oral rehydration] Pizarro Torres D. **Bol Med Hosp Infant Mex** 1985 Jan;42(1):3-8 (Spa)

[Comparison between oral and parenteral rehydration in children with dehydration caused by gastroenteritis] Sánchez-Arenas PM, et al. **Bol Med Hosp Infant Mex** 1985 Jan;42(1):16-20 (Eng. Abstr.) (Spa)

[Rehydration by the oral route in newborn infants dehydrated by acute diarrheal disease] Umaña MA, et al. **Bol Med Hosp Infant Mex** 1984 Sep;41(9):460-3 (Eng. Abstr.) (Spa)

[Medical procedures for the oral hydration of children with diarrhea] Velásquez-Jones L, et al. **Bol Med Hosp Infant Mex** 1984 Sep;41(9):505-11 (Eng. Abstr.) (Spa)

[Acute diarrheal disease. Treatment of dehydration] Pizarro D, et al. **GEN** 1983 Jan-Jun;37(1-2):82-106 (Spa)

[Treatment of diarrheal disease in newborn infants] Pizarro Torres D. **GEN** 1983 Jan-Jun;37(1-2):69-81 (Spa)

VETERINARY

Ovine wet carcass syndrome induced by water deprivation and subsequent overhydration: preliminary findings. Joubert JP, et al. **J S Afr Vet Assoc** 1985 Mar;56(1):17-9

[Hemoconcentration in calves and its relation to the hematologic, protein, mineral and electrolyte profile] Slanina L, et al. **Vet Med (Praha)** 1984 Jul;29(7):425-34 (Eng. Abstr.) (Slo)

[Hemoconcentration in calves in relation to actual and corrected values of metabolic profile parameters] Slanina L, et al. **Vet Med (Praha)** 1984 Jul;29(7):435-45 (Eng. Abstr.) (Slo)

DEHYDROASCORBATASE see under **CARBOXYLIC ESTER HYDROLASES**

DEHYDROASCORBIC ACID see under **ASCORBIC ACID**

DEHYDROBENZPERIDOL see **DROPERIDOL**

DEHYDROCHOLATE see **DEHYDROCHOLIC ACID**

24-DEHYDROCHOLESTEROL see **DESMOSTEROL**

DEHYDROCHOLESTEROLS see under **CHOLESTADIENOLS**

DEHYDROCHOLIC ACID

DIAGNOSTIC USE

[Choleretic test in the ultrasonic diagnosis of cholelithiasis] Pimanov SI, et al. **Ter Arkh** 1985;57(2):80-2 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Electroencephalographic consequences of sodium dehydrocholate-induced blood-brain barrier disruption: Part 2. Generation and propagation of spike activity after the topical application of sodium dehydrocholate. Zappulla RA, et al. **Neurosurgery** 1985 May;16(5):639-43

Electroencephalographic consequences of sodium dehydrocholate-induced blood-brain barrier disruption: Part 1. Acute and chronic effects of intracarotid sodium dehydrocholate. Zappulla RA, et al. **Neurosurgery** 1985 May;16(5):630-8

DEHYDROEMETINE see under **EMETINE**

DEHYDROEPIANDROSTERONE

ANALOGS & DERIVATIVES

Enhancement of human amniotic phospholipase A2 activity by steroid-sulphate derived from the foeto-placental unit. Saitoh H, et al. **Acta Endocrinol (Copenh)** 1984 Nov; 107(3):420-4

The relationship between prolactin, dehydroepiandrosterone sulphate and testosterone in normally menstruating females. Wathen NC, et al. **Acta Endocrinol (Copenh)** 1985 Jun; 109(2):173-5

Steroids excreted by human skin. II. C19-steroid sulphates in human axillary sweat. Tóth I, et al. **Acta Med Hung** 1985;42(1-2):21-8

Serum levels of dehydroepiandrosterone sulphate and total estrone in postmenopausal women with special regard to 'non-endocrine' ovarian carcinoma. Carlström K, et al. **Acta Obstet Gynecol Scand** 1985;64(3):267-8

Importance of the DHEA-sulphate-test in pregnancy. Bazsa-Kamasz Z, et al. **Acta Physiol Hung** 1985; 65(4):497-505

Effect of dehydroepiandrosterone sulfate on uterine cervical ripening in late pregnancy. Mochizuki M, et al. **Acta Physiol Hung** 1985;65(3):267-74

Chronobiologic pattern discrimination of plasma hormones, notably DHEA-S and TSH, classifies an expansive personality. Hermida RC, et al. **Chronobiologia** 1985 Apr-Jun;12(2):105-36

Serum dehydroepiandrosterone sulfate in a normal pediatric population. Babalola AA, et al. **Clin Biochem** 1985 Jun; 18(3):184-9

The levels of androgen in serum in female acne patients. Schmidt JB, et al. **Endocrinol Exp (Bratisl)** 1985 Mar; 19(1):17-23

Plasma dehydroepiandrosterone, dehydroepiandrosterone sulphate and androsterone sulphate levels and their interaction with plasma proteins in rheumatoid arthritis. Fehér KG, et al. **Exp Clin Endocrinol** 1984 Oct; 84(2):197-202

Relationship between serum dehydroepiandrosterone sulphate and urinary 17-ketosteroid values. Fehér T, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):209-16

Dehydroepiandrosterone sulphate loading test and determination of plasma oestetrol concentration in late pregnancy. Schollberg K, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):204-8

Serum dehydroepiandrosterone sulfate and the use of clomiphene citrate in anovulatory women. Hoffman D, et al. **Fertil Steril** 1985 Feb;43(2):196-9

Serum dehydroepiandrosterone sulfate in Cushing's syndrome. Yamaji T, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1164-8

On the origin of dehydroepiandrosterone sulphate in the blood of fetal sheep. Liggins GC, et al. **J Endocrinol** 1985 Feb;104(2):279-83

Effect of ACTH and prolactin on dehydroepiandrosterone, its sulfate ester and cortisol production by normal and tumorous human adrenocortical cells. Fehér T, et al. **J Steroid Biochem** 1985 Aug;23(2):153-7

A solid-phase radioimmunoassay of serum dehydroepiandrosterone sulphate using a monoclonal antibody. Knyba RE, et al. **J Steroid Biochem** 1985 Mar; 22(3):427-9

Divergence in adrenal steroid secretory pattern after thermal injury in adult patients. Parker CR Jr, et al. **J Trauma** 1985 Jun;25(6):508-10

Discordance of plasma DHEA-S, DHEA, and cortisol responses with various ACTH regimens. Griffing GT, et al. **Metabolism** 1985 Jul;34(7):631-6

A genetic component to the variation of dehydroepiandrosterone sulfate. Rotter JI, et al. **Metabolism** 1985 Aug;34(8):731-6

Effects of dehydroepiandrosterone-sulphate (DHEA-S) administration on puerperal lactation and maternal prolactin and estradiol levels. Aisaka K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1935-42

Dehydroepiandrosterone sulphate concentrations in asthmatic patients: pilot study. Dunn PJ, et al. **NZ Med J** 1984 Nov 28;97(768):805-8

Role of dehydroepiandrosterone sulfate as a prehormone for ovarian steroidogenesis. Haning RV Jr, et al. **Obstet Gynecol** 1985 Feb;65(2):199-205

[Dehydroepiandrosterone sulfate and serum immunoreactive estriol in biologically prolonged pregnancy] Ananiev V. **Akush Ginekol (Sofiia)** 1984;23(5):396-9 (Eng. Abstr.) (Bul)

[Fetal hormonology by direct sampling of fetal blood during the 2d trimester of pregnancy. Study of fetal and maternal 5-ene steroid sulfates] Daffos F, et al. **Pathol Biol (Paris)** 1984 Oct;32(8):891-4 (Fre)

[Studies on changes in serum estrone, estradiol, estriol, DHA-S, and cortisol and urinary estriol excretion] Ikeno N, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan; 37(1):99-106 (Eng. Abstr.) (Jpn)

ANALYSIS

Analysis of nonprescription capsules purported to contain an adrenal androgen. Lifrak ET, et al. **Am J Hosp Pharm** 1985 Mar;42(3):387-9

BIOSYNTHESIS

Relationship between hCG receptors disappearance and steroid accumulation during long term hCG stimulation in porcine Leydig cell cultures. Mombrial FC, et al. **J Recept Res** 1985;5(1):45-57

Effect of ACTH and prolactin on dehydroepiandrosterone, its sulfate ester and cortisol production by normal and tumorous human adrenocortical cells. Fehér T, et al. **J Steroid Biochem** 1985 Aug;23(2):153-7

BLOOD

Concentration patterns of plasma dehydroepiandrosterone, delta 5-androstenediol and their sulphates, testosterone and cortisol in normal healthy women and in women with anorexia nervosa. Sirinathsinghji DJ, et al. **Acta Endocrinol (Copenh)** 1985 Feb;108(2):255-60

Episodic secretion of hormones and the diagnostic value of single blood estimates. III. Testosterone, androstenedione, dehydroepiandrosterone, dehydroepiandrosterone sulphate, cortisol. Siklósi G, et al. **Acta Med Hung** 1984;41(4):213-22

Estrogen receptor status, adrenal androgens and 7 alpha-hydroxydehydroepiandrosterone in breast cancer patients. Skinner SJ, et al. **Eur J Cancer Clin Oncol** 1984 Oct;20(10):1227-31

Plasma dehydroepiandrosterone, dehydroepiandrosterone sulphate and androsterone sulphate levels and their interaction with plasma proteins in rheumatoid arthritis. Fehér KG, et al. **Exp Clin Endocrinol** 1984 Oct; 84(2):197-202

The relation between calcium absorption, serum dehydroepiandrosterone, and vertebral mineral density in postmenopausal women. Nordin BE, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):651-7

A radioimmunoassay for dehydroepiandrosterone sulfate in the circulation of rhesus monkeys. Koritnik DR, et al. **Steroids** 1983 Dec;42(6):653-67

[Dynamics of plasma testosterone, dehydroepiandrosterone, androstenedione and 17-hydroxyprogesterone after stimulation with hCG and tetracosactide in the male dog during puberty] Mialot JP, et al. **Pathol Biol (Paris)** 1984 Oct;32(8):863-6 (Fre)

[Endogenous steroids and otosclerosis] Ribári O, et al. **HNO** 1985 Apr;33(4):183-6 (Eng. Abstr.) (Ger)

[Endocrine profile and electron microscopic study of ovarian androblastoma] Inoue S, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1155-62 (Eng. Abstr.) (Jpn)

[Plasma concentrations of aldosterone and dehydroepiandrosterone in leukemia patients] Goncharova ND, et al. **Gematol Transfuziol** 1984 Oct;29(10):48-51 (Eng. Abstr.) (Rus)

DEFICIENCY

[Treatment of pituitary nanism: is it necessary to treat adrenal androgen deficiency?] Rolland A, et al. **Arch Fr Pediatr** 1984 Jun-Jul;41(6):381-4 (Eng. Abstr.) (Fre)

METABOLISM

Dissociation of adrenal androgen and cortisol levels in acute stress. Parker L, et al. **Horm Metab Res** 1985 Apr; 17(4):209-12

Discordance of plasma DHEA-S, DHEA, and cortisol responses with various ACTH regimens. Griffing GT, et al. **Metabolism** 1985 Jul;34(7):631-6

[Influence of the concentration of precursors on the biosynthesis of testosterone by the chick embryo testis] Weniger JP, et al. **Reprod Nutr Dev** 1985;25(3):591-8 (Eng. Abstr.) (Fre)

PHARMACODYNAMICS

Vitamin A, dehydroepiandrosterone (DHEA) and 5' nucleotidase: regulatory factors in tumor growth. Regelson W. **Cancer Invest** 1985;3(4):407-9

Dehydroepiandrosterone and 16 alpha-Br-epiandrosterone inhibit 12-O-tetradecanoylphorbol-13-acetate stimulation of superoxide radical production by human polymorphonuclear leukocytes. Whitcomb JM, et al. **Carcinogenesis** 1985 Mar;6(3):333-5

Morphological studies of polycystic mouse ovaries induced by dehydroepiandrosterone. Familiari G, et al. **Cell Tissue Res** 1985;240(3):519-28

Food intake reduction and immunologic alterations in mice fed dehydroepiandrosterone. Windruch R, et al. **Exp Gerontol** 1984;19(5):297-304

Metabolic consequences of dehydroepiandrosterone in lean and obese adult Zucker rats. Cleary MP, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:43-6

Glucose metabolism in isolated adipocytes from lean and obese Zucker rats following treatment with dehydroepiandrosterone. Muller S, et al. **Metabolism** 1985 Mar;34(3):278-84

Chronic administration of dehydroepiandrosterone reduces pancreatic beta-cell hyperplasia and hyperinsulinemia in genetically obese Zucker rats. Gansler TS, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):155-62

PHYSIOLOGY

[Effect of steroids on the formation of progesterone in the fetal membrane] Hori D. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun;37(6):982-90 (Eng. Abstr.) (Jpn)

THERAPEUTIC USE

Inhibition of 7,12-dimethylbenz(a)anthracene-induced skin papillomas and carcinomas by dehydroepiandrosterone and 3-beta-methylandrost-5-en-17-one in mice. Pashko LL, et al. **Cancer Res** 1985 Jan;45(1):164-6

Prevention of autoantibody formation and prolonged survival in New Zealand black/New Zealand white F1 mice fed dehydroisoandrosterone. Lucas JA, et al. **J Clin Invest** 1985 Jun;75(6):2091-3

DEHYDROGENASES see **OXIDOREDUCTASES**

DEHYDROISOANDROSTERONE see **DEHYDROEPIANDROSTERONE**

DEHYDROMETHYLTESTOSTERONE see **METHANDROSTENOLONE**

DEHYDRORELOMYCINS see **LEUCOMYCINS**

DEINSTITUTIONALIZATION

Effects of community placement on chronic mental patients. Christenfeld R, et al. **Am J Community Psychol** 1985 Apr;13(2):125–38

Attitudes of parents/guardians of mentally retarded former state hospital residents toward current community placement. Rudie F, et al. **Am J Ment Defic** 1984 Nov;89(3):295–7

Homelessness not a mental health problem [letter] Tanquary JF. **Am J Psychiatry** 1985 Aug;142(8):997–8

The alchemy of mental health policy: homelessness and the fourth cycle of reform. Goldman HH, et al. **Am J Public Health** 1985 Jul;75(7):727–31

Deinstitutionalization and women. Assessing the consequences of public policy. Bachrach LL. **Am Psychol** 1984 Oct;39(10):1171–7 (72 ref.)

The impact of deinstitutionalization on activities and skills of severely/profoundly mentally retarded multiply-handicapped adults. O'Neill J, et al. **Appl Res Ment Retard** 1985;6(3):361–71

The outpatient comes home: the family's response to deinstitutionalization. Kane C. **J Psychosoc Nurs Ment Health Serv** 1984 Nov;22(11):19–25

Discharging the long-term mentally handicapped [letter] Ward RL. **Lancet** 1985 Jan 5;1(8419):52

Friern Hospital: where have all the patients gone? Weller MP. **Lancet** 1985 Mar 9;1(8428):569–71

Wanderers in a promised land. The chronically mentally ill and deinstitutionalization. Freedman RI, et al. **Med Care** 1984 Dec;22(12 Suppl):S1–60

A comparison of Medicaid waiver applications for populations that are mentally retarded and elderly/disabled. Lakin KC, et al. **Ment Retard** 1984 Aug;22(4):182–92

The training in community living model: a decade of experience. **New Dir Ment Health Serv** 1985 Jun;(26):1–98

Ethical problems in community treatment of the chronically mentally ill. Diamond RJ, et al. **New Dir Ment Health Serv** 1985 Jun;(26):85–93

The evolution of the training in community living model. Stein LI, et al. **New Dir Ment Health Serv** 1985 Jun;(26):7–16

A program for difficult-to-treat patients. Stein LI, et al. **New Dir Ment Health Serv** 1985 Jun;(26):29–39

The long-term treatment of young schizophrenics in a community support program. Test MA, et al. **New Dir Ment Health Serv** 1985 Jun;(26):17–27

The Bridge: an assertive outreach program in an urban setting. Witheridge TF, et al. **New Dir Ment Health Serv** 1985 Jun;(26):65–76

Mental health hits the gutter. The sad outcome of a 'noble' experiment [editorial] Wassersug JD. **Postgrad Med** 1984 Nov 1;76(6):13, 16, 19

New chronic patients in the emergency service. Voineskos G. **Psychiatr J Univ Ottawa** 1985 Jun;10(2):95–100

[Do residential facilities for mentally retarded people exert an influence on the capacity for autonomy and social integration of their residents?] Beckers J. **Int J Rehabil Res** 1984;7(4):409–18 (Eng. Abstr.) (Fre)

[An experience with return to the community] Van A. **Rev Med Suisse Romande** 1984 Sep;104(9):729–31 (Fre)

[Deinstitutionalization. 1] Wallot H. **Union Med Can** 1985 Jul;114(7):584–5, 588–90 (Eng. Abstr.) (Fre)

ECONOMICS

Economic analysis in community treatment of the chronically mentally ill. Gilman SR, et al. **New Dir Ment Health Serv** 1985 Jun;(26):77–84

LEGISLATION & JURISPRUDENCE

Commitment to outpatient treatment: a national survey. Miller RD. **Hosp Community Psychiatry** 1985 Mar;36(3):265–7

Regulation and consultation in community care facilities. Peterson CL. **Hosp Community Psychiatry** 1985 Apr;36(4):383–8

Legal and moral considerations in educating children with herpes in public school settings. Guess D, et al. **Ment Retard** 1984 Oct;22(5):257–63

The least restrictive alternative: more about less. Klein J. **Psychiatr Q** 1983 Summer-Fall;55(2–3):106–14

[Italian psychiatry reform in the Piedmont region: Law no. 180 and its consequences] Becker T. **Psychiatr Prax** 1985 Jul;12(4):136–42 (Eng. Abstr.) (Ger)

METHODS

Who will fend for the chronically mentally ill in the community? Drinan RF. **Psychiatr Q** 1983 Summer-Fall;55(2–3):208–14

The Veterans Administration community care setting. Haber PA. **Psychiatr Q** 1983 Summer-Fall;55(2–3):187–91

Risk taking in the residential community setting. A. Community living arrangements as part of the hospital program. Hinz CE. **Psychiatr Q** 1983 Summer-Fall;55(2–3):182–6

A special population. The elderly deinstitutionalized chronically mentally ill patient. Talbott JA. **Psychiatr Q** 1983 Summer-Fall;55(2–3):90–105

STANDARDS

Asylum not the answer for the chronically mentally ill [letter] Gralnick A. **Am J Psychiatry** 1985 Mar;142(3):394–5

TRENDS

Whither deinstitutionalization? Human cost of renouncing protective custody [letter] Kubacki A. **Can J Psychiatry** 1984 Aug;29(5):447–8

Commentary: deinstitutionalization of mental health services in South Australia—out of the frying pan, into the fire? Jones D. **Community Health Stud** 1985;9(1):62–8

Correlates of success and lack of success in deinstitutionalization. Sands RG. **Community Ment Health J** 1984 Fall;20(3):223–35

General hospital psychiatry and deinstitutionalization: a systems view. Bachrach LL. **Gen Hosp Psychiatry** 1985 Jul;7(3):239–48

Build a better state hospital: deinstitutionalization has failed. Gralnick A. **Hosp Community Psychiatry** 1985 Jul;36(7):738–41

Deinstitutionalization and the homeless mentally ill. Lamb HR. **Hosp Community Psychiatry** 1984 Sep;35(9):899–907

Expand the community care system: deinstitutionalization can work. Okin RL. **Hosp Community Psychiatry** 1985 Jul;36(7):742–5

The dissemination and impact of a model program in process, 1972–1984. Allness DJ, et al. **New Dir Ment Health Serv** 1985 Jun;(26):41–8

Rural community support programs: the experience in three Wisconsin counties. Diamond RJ, et al. **New Dir Ment Health Serv** 1985 Jun;(26):49–58

Impact of a model program on state mental health policy development. Greenley D. **New Dir Ment Health Serv** 1985 Jun;(26):59–63

More on mental health deinstitutionalization [letter] **Postgrad Med** 1985 Apr;77(5):42–3, 46, 50

Institutional pathology in a psychiatric inpatient service. Blotnick-Pender VS. **Psychiatr Q** 1984 Summer;56(2):130–7

Next steps for the elderly deinstitutionalized patient. Fry WR. **Psychiatr Q** 1983 Summer-Fall;55(2–3):215–24

Deinstitutionalization and public policy. Scull A. **Soc Sci Med** 1985;20(5):545–52

[Mental health, family, territory. An unsolved problem] Ravizza L, et al. **Minerva Psichiatr** 1984 Oct-Dec;25(4):203–8 (Eng. Abstr.) (Ita)

DEITERS NUCLEUS see under **VESTIBULAR NUCLEI**

DELAYED-ACTION PREPARATIONS

A new simple controlled release delivery system. Allan GG, et al. **Ann NY Acad Sci** 1985;446:14–25

In vitro and in vivo studies of drug-releasing poly(amino acids). Anderson JM. **Ann NY Acad Sci** 1985;446:67–75

Controlled drug release from poly(ortho esters). Heller J. **Ann NY Acad Sci** 1985;446:51–66

Controlled release of drug model from N-(2-hydroxypropyl)-methacrylamide copolymers. Kopeček J, et al. **Ann NY Acad Sci** 1985;446:93–104

Controlled release and magnetically modulated systems for macromolecular drugs. Langer R, et al. **Ann NY Acad Sci** 1985;446:1–13

The role of cross-links, entanglements, and relaxations of the macromolecular carrier in the diffusional release of biologically active materials. Conceptual and scaling relationships. Peppas NA, et al. **Ann NY Acad Sci** 1985;446:26–41

pH sensitization of phospholipid vesicles via complexation with synthetic poly(carboxylic acid)s. Tirrell DA, et al. **Ann NY Acad Sci** 1985;446:237–48

Sustained release preparations, XVI: Collagen as a drug carrier. Kincl FA, et al. **Arch Pharm (Weinheim)** 1984 Aug;317(8):657–61

The use of controlled-release glass for the controlled delivery of bioactive materials. Drake CF, et al. **Biochem Soc Trans** 1985 Apr;13(2):516–20

Biodegradable polymers for the sustained release of peptides. Hutchinson FG, et al. **Biochem Soc Trans** 1985 Apr;13(2):520–3

Liposomes as a controlled-release system. Patel HM. **Biochem Soc Trans** 1985 Apr;13(2):513–6

Bioadhesive intraoral release systems: design, testing and analysis. Gurny R, et al. **Biomaterials** 1984 Nov;5(6):336–40

Modelling of drug release kinetics from a laminated device having an erodible drug reservoir. Thombre AG, et al. **Biomaterials** 1984 Sep;5(5):250–4

The role of polymer matrix structure and interparticle interactions in diffusion-limited drug release. Balazs AC, et al. **Biophys J** 1985 Jan;47(1):97–104

Controlled release from microcapsules. Traisnel MM. **Boll Chim Farm** 1984 Jul;123(7):303–12

The role of clinical pharmacology in the development and evaluation of oral controlled-release dosage forms. Kendall MJ, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:65S–67S

Controlled drug release by ultrasound irradiation. Miyazaki S, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):428–31

Controlled versus non-controlled drug release systems: facts or fancy [editorial] Bruck SD. **Int J Artif Organs** 1984 Jul;7(4):173–4

A possible pH-controlled drug delivery system based on a derivative of the polysaccharide scleroglucan. Alhaique F, et al. **J Pharm Pharmacol** 1985 May;37(5):310–3

The in-vivo evaluation of an osmotic device (Osmet) using gamma scintigraphy. Davis SS, et al. **J Pharm Pharmacol** 1984 Nov;36(11):740–2

Encapsulated hydrophilic polymer beads containing indomethacin as controlled release drug delivery systems. Suryakusuma H, et al. **J Pharm Pharmacol** 1984 Aug;36(8):497–501

Sintering technique for the preparation of polymer matrices for the controlled release of macromolecules. Cohen J, et al. **J Pharm Sci** 1984 Aug;73(8):1034–7

Design of a slow-release capsule using laser drilling. Jain NK, et al. **J Pharm Sci** 1984 Dec;73(12):1806–11

Intrinsic release rate from matrix-type drug delivery systems. Tojo K. **J Pharm Sci** 1985 Jun;74(6):685–7

Localized, sustained-release drug delivery uses membrane 'envelope' [news] Simmons K. **JAMA** 1985 Aug 23–30;254(8):1005–7

Biological approaches to the controlled delivery of drugs: a critical review. Poznansky MJ, et al. **Pharmacol Rev** 1984 Dec;36(4):277–336 (588 ref.)

Innovations in drug delivery. Conrad KA. **Postgrad Med** 1984 Oct;76(5):71–3, 75–9

[Controlled-release drug delivery systems and sustained preparations] Xi NZ. **Yao Hsueh Hsueh Pao** 1984 Sep;19(9):715–9 (Chi)

[Formulation and characterization of oral galenic forms in a sustained-release type matrix] Buri P. **Boll Chim Farm** 1984 Oct;123(10):453–64 (Fre)

[Statistical analysis of dissolution curves: controlled liberation forms] Gueurten D. **Pharm Acta Helv** 1984;59(9–10):267–74 (Eng. Abstr.) (Fre)

[Pharmacokinetic aspects of controlled-release preparations] Segre G. **Boll Chim Farm** 1984 Sep;123(9):397–407 (Ita)

ADMINISTRATION & DOSAGE

Indwelling rumino-reticulum bolus radio beacon. Kath GS, et al. **Am J Vet Res** 1985 Jan;46(1):136–7

[Possibilities and limitations for controlled-release transdermal preparations] Saettone MF. **Boll Chim Farm** 1984 May;123(5):191–9 (Ita)

ADVERSE EFFECTS

Skin irritation caused by transdermal drug delivery systems during long-term (5 days) application. Hurkmans JF, et al. **Br J Dermatol** 1985 Apr;112(4):461–7

PHARMACODYNAMICS

Comparative effects of estradiol benzoate, the antiestrogen clomiphene citrate, and the progestin medroxyprogesterone acetate on kainic acid-induced seizures in male and female rats. Nicoletti F, et al. **Epilepsia** 1985 May-Jun;26(3):252–7

Release of osmotically active drugs from silicone rubber matrixes. Di Colo G, et al. **Farmaco [Prat]** 1984 Sep;39(9):310–9

DELIRIUM

CHEMICALLY INDUCED

Toxic reactions to the combination of monoamine oxidase inhibitors and tryptophan. Pope HG Jr, et al. **Am J Psychiatry** 1985 Apr;142(4):491–2

A haloperidol-carbamazepine interaction in a patient with rapid-cycling bipolar disorder [letter] Yerevanian BI, et al. **Am J Psychiatry** 1985 Jun;142(6):785–6

Delirium and tricyclic antidepressants [letter] Zechnich R. **Am J Psychiatry** 1984 Dec;141(12):1642–3

Ethylene oxide withdrawal delirium [letter] Endo M, et al. **Biol Psychiatry** 1984 Dec;19(12):1731–4

Desipramine-induced delirium at 'subtherapeutic' concentrations: a case report. Kutcher SP, et al. **Can J Psychiatry** 1985 Aug;30(5):368–9

Partial resolution of ranitidine-associated delirium with physostigmine: case report. Goff DC, et al. **J Clin Psychiatry** 1985 Sep;46(9):400–1

Alprazolam withdrawal delirium unresponsive to diazepam: case report. Zipursky RB, et al. **J Clin Psychiatry** 1985 Aug;46(8):344–5

Prolonged delirium after metrizamide myelography. Elliott RL, et al. **JAMA** 1984 Oct 19;252(15):2057–8

Amphotericin-induced delirium [letter] Backon J. **Psychosomatics** 1984 Sep;25(9):706

Delirium and depression [letter] Jones SD. **Psychosomatics** 1984 Dec;25(12):918

DIAGNOSIS

Screening for delirium on a general medical ward: the tachistoscope and a global accessibility rating. Anthony JC, et al. **Gen Hosp Psychiatry** 1985 Jan;7(1):36–42

Cognitive screening at the bedside: usefulness of a structured examination. Beresford TP, et al. **Psychosomatics** 1985 Apr;26(4):319–22, 324

Disguises of delirium. Daniel DG, et al. **South Med J** 1985 Jun;78(6):666–72

DRUG THERAPY

Metyrapone for depression and delirium secondary to Cushing's syndrome. Kramlinger KG, et al.

Psychosomatics 1985 Jan;26(1):67, 71

ETIOLOGY

The 'typhoid state' revisited. Verghese A. **Am J Med** 1985 Sep;79(3):370-2

ECT-induced hyperactive delirium and brain laterality [letter] Daniel WF. **Am J Psychiatry** 1985 Apr;142(4):521-3

Neuromuscular and mental manifestations of hyperparathyroidism in the elderly. Garrell M. **Conn Med** 1985 Jul;49(7):432-3

[Amential delirium syndrome as a complication of cardiosurgical procedures] Krekule P. **Cesk Psychiatr** 1984 Oct;80(5):335-9 (Eng. Abstr.) (Cze)

[A case of encephalitis probably due to herpes simplex virus, presenting psychiatric symptom (delirium) and catatonic stupor-like state] Kohsaka S, et al. **No To Hattatsu** 1984 Jul;16(4):309-16 (Eng. Abstr.) (Jpn)

PSYCHOLOGY

Psychotic processes in delirium [letter] Bourgon L. **Am J Psychiatry** 1985 Mar;142(3):392

Descent into the maelstrom: a postoperative experience. Bickers WM. **Pharos** 1985 Winter;48(1):23-5

DELIVERY

see related
BIRTH INJURIES
DYSTOCIA
LABOR PRESENTATION

Influence of the maternal plasma glucose concentration at delivery on the risk of hypoglycaemia in infants of insulin-dependent diabetic mothers. Andersen O, et al. **Acta Paediatr Scand** 1985 Mar;74(2):268-73

Mortality in the first week of life and mode of delivery. Corchia C, et al. **Acta Paediatr Scand** 1985 Jan;74(1):70-6

Catecholamine surge and metabolic adaptation in the newborn after vaginal delivery and caesarean section. Hägnevik K, et al. **Acta Paediatr Scand** 1984 Sep;73(5):602-9

The influence of labor and delivery on preterm fetal adrenal function. Procianoy RS, et al. **Acta Paediatr Scand** 1985 May;74(3):400-4

Vaginal delivery after cesarean section [editorial] **Am Fam Physician** 1985 Sep;32(3):90

Labor and delivery in the presence of mitral stenosis: central hemodynamic observations. Clark SL, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):984-8

Intrapartum external cephalic version. Ferguson JE 2d, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):297-8

Advanced maternal age: the mature gravida. Kirz DS, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):7-12

Maternal and fetal beta-endorphin release in response to the stress of labor and delivery. Kofinas GD, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):56-9

The role of external version in the intrapartum management of the transverse lie presentation. Phelan JP, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):724-6

Umbilical cord pH, PCO2, and bicarbonate following uncomplicated term vaginal deliveries. Yeomans ER, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):798-800

Conservative versus aggressive management of preterm rupture of membranes. A randomized trial of amniocentesis. Cotton DB, et al. **Am J Perinatol** 1984 Jul;1(4):322-4

The premature breech presentation: outcome of newborn infants born by vaginal or abdominal delivery. Granati B, et al. **Am J Perinatol** 1984 Jan;1(2):145-7

Plasma renin activity after birth and in the early newborn period. Hadeed A, et al. **Am J Perinatol** 1984 Jul;1(4):285-7

Neonatal left ventricular performance after vaginal delivery and cesarean section under general or epidural anesthesia. Lundell BP, et al. **Am J Perinatol** 1984 Jan;1(2):152-7

Combined vaginal-abdominal delivery of twins. Berglund L, et al. **Ann Chir Gynaecol** 1984;73(4):232-5

The outcome of pregnancy and preterm delivery after conization of the cervix. Kristensen GB. **Arch Gynecol** 1985;236(3):127-30

Domiciliary obstetrics. Carpenter H. **Aust Fam Physician** 1985 Mar;14(3):207, 211, 213-4

Risk in the vaginal delivery of the large fetus. Jaschevatzky OE, et al. **Aust NZ J Obstet Gynaecol** 1984 Aug;24(3):178-81

The birthing chair in the second stage of labour. Liddell HS, et al. **Aust NZ J Obstet Gynaecol** 1985 Feb;25(1):65-8

Vaginal delivery following caesarean section. Ngu A, et al. **Aust NZ J Obstet Gynaecol** 1985 Feb;25(1):41-3

Plasma levels of adenosine 3',5'-monophosphate in the fetoplacental unit and maternal circulation at delivery. Weintraub Z, et al. **Biol Neonate** 1985;47(3):186-8

Extradural analgesia in the management of singleton breech delivery. Confino E, et al. **Br J Anaesth** 1985 Sep;57(9):992-5

External cephalic version under tocolysis. Sellappah S, et al. **Br J Clin Pract** 1984 Nov-Dec;38(11-12):392-3

Plasma catecholamines and modes of delivery: the relation between catecholamine levels and in-vitro platelet aggregation and adrenoreceptor radioligand binding characteristics. Jones CR, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):593-9

Controlled trial of external cephalic version. Kasule J, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):14-8

Home births in England and Wales, 1979: perinatal mortality according to intended place of delivery. Campbell R, et al. **Br Med J [Clin Res]** 1984 Sep 22;289(6447):721-4

General practitioner participation in intranatal care in the northern region in 1983. Marsh GN, et al. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):971-3

Neonatal tetanus in Maputo, Mozambique. Part I. Hospital incidence and childbirth practices. Cliff J. **Cent Afr J Med** 1985 Jan;31(1):9-12

Fathers' birth attendance, early contact, and extended contact with their newborns: a critical review. Palkovitz R. **Child Dev** 1985 Apr;56(2):392-406 (48 ref.)

Vaginal delivery after previous cesarean section. Marchesoni D, et al. **Clin Exp Obstet Gynecol** 1984;11(4):150-1

Is term breech presentation in primigravida an absolute indication for cesarean section? Anderman S, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Sep;18(1-2):11-6

The management of labor in high myopic patients. Neri A, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 May;19(5):277-9

Twin pregnancy: report of a case with 35 days between deliveries. Omsjø IH, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Aug;17(6):413-5

Cord blood prolactin in normal & abnormal deliveries. Thomas S, et al. **Indian J Med Res** 1984 Oct;80:439-43

Prediction of time to delivery from start of contractions in induced labor: a life table analysis approach. Bremme K, et al. **Int J Gynaecol Obstet** 1984 Jun;22(3):225-9

Vaginal versus cesarean section oriented approaches in the management of breech delivery. Confino E, et al. **Int J Gynaecol Obstet** 1985 Feb;23(1):1-6

Mortality in relation to method of delivery in breech infants. Petitti DB, et al. **Int J Gynaecol Obstet** 1984 Jun;22(3):189-93

Obstetric consultations during labor and delivery in a university-based family practice. Craig AS, et al. **J Fam Pract** 1985 May;20(5):481-5

Use of ultrasonography vs clinical factors to estimate date of confinement. McConnon TM, et al. **J Fam Pract** 1985 Jul;21(1):45-8

Childbirth preparation and outcomes of labor and delivery in primiparous women. Patton LL, et al. **J Fam Pract** 1985 Apr;20(4):375-8

Expectation and experience in alternative and conventional birth. Chute GE. **J Obstet Gynecol Neonatal Nurs** 1985 Jan-Feb;14(1):61-7

A vaginal delivery protocol for the term breech infant utilizing ball pelvimetry. Capeless EL, et al. **J Reprod Med** 1985 Jul;30(7):545-8

External cephalic version with tocolysis. Observations and continuing experience at the Los Angeles County/University of Southern California Medical Center. Wallace RL, et al. **J Reprod Med** 1984 Oct;29(10):745-8

Single measurements of chorionic gonadotropin and schwangerschafts protein for assessing gestational age and predicting the day of delivery. Westergaard JG, et al. **J Reprod Med** 1985 Jan;30(1):57-60

Factors influencing the timing of initial breastfeeding in 954 out-of-hospital births. Trevathan WR. **Med Anthropol** 1984 Fall;8(4):302-7

Clinical and obstetric risk factors for preterm delivery. Berkowitz GS. **Mt Sinai J Med (NY)** 1985 Apr;52(4):239-47

Safety of home deliveries [letter] Burgin CM. **NZ Med J** 1985 Jan 23;98(771):23

Role of attempted vaginal delivery in the management of placenta previa. Chervenak FA, et al. **Obstet Gynecol** 1984 Dec;64(6):798-801

Intrapartum management of twin gestation. Chervenak FA, et al. **Obstet Gynecol** 1985 Jan;65(1):119-24

Delay in delivery: influence of gestational age and the duration of delay on perinatal outcome. Goldenberg RL, et al. **Obstet Gynecol** 1984 Oct;64(4):480-4

Obstetric factors in the causation of early periventricular—intraventricular hemorrhage. Tejani N, et al. **Obstet Gynecol** 1984 Oct;64(4):510-5

Born before arrival. A study at the New Somerset Hospital, Cape Town. Potter PC, et al. **S Afr Med J** 1984 Sep 8;66(10):377-80

The rise of the free standing birth center: principles and practice. Eakins PS. **Women Health** 1984 Winter;9(4):49-64

[Potential development of hypothermia and hypoglycemia in infants born at home after prolonged skin contact following delivery] Ezinga G, et al. **Ned Tijdschr Geneeskd** 1985 Mar 9;129(10):449-51 (Eng. Abstr.) (Dut)

[Immediate problems posed in the intensive care and transportation of children weighing less than 1,500 grams born outside of a maternity center. Study of results over a period of 4 years] Hervé C, et al. **Ann Pediatr (Paris)** 1985 Mar 25;32(3 Pt 2):257-61 (Eng. Abstr.) (Fre)

[Changes in acid-base equilibrium according to the type of delivery] de la Fuente P, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(6):629-34 (Eng. Abstr.) (Fre)

[Pregnancy and delivery following insemination with frozen donor sperm] Lansac J, et al. **Rev Fr Gynecol Obstet** 1984 Jul-Sep;79(7-9):565-9 (Eng. Abstr.) (Fre)

[Child development after abdominal version of the fetus from breech presentation to vertex presentation near term] Kouam L, et al. **Geburtshilfe Frauenheilkd** 1985 Feb;45(2):83-90 (Eng. Abstr.) (Ger)

[Breech presentation: cesarean section or vaginal delivery?] Mansani FE, et al. **Acta Biomed Ateneo Parmense** 1984;55(3-4):157-62 (Eng. Abstr.) (Ita)

[Neonatal pathology and method of delivery in small-for-gestational-age neonates] Montagna O, et al. **Minerva Ginecol** 1985 May;37(5):213-5 (Eng. Abstr.) (Ita)

[Advantages of lumbar epidural block for labor and vaginal delivery] Fukushima M. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug;36(8):1268-72 (Jpn)

[Studies on the birthplace of residents in the remote area] Kitamura K. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug;36(8):1223-9 (Eng. Abstr.) (Jpn)

[Pregnancy and labor in women with heart diseases] Mikulandra F, et al. **Jugosl Ginekol Opstet** 1984 Jan-Apr;24(1-2):20-4 (Eng. Abstr.) (Scr)

[The perinatal fate of the second twin] Mikulandra F. **Lijec Vjesn** 1984 Sep;106(9):361-4 (Eng. Abstr.) (Scr)

[Pregnancy and labor in women with congenital heart defects] Tasić D. **Med Pregl** 1984;37(3-4):153-5 (Eng. Abstr.) (Scr)

[Vaginal delivery in twin pregnancy] Sepúlveda W, et al. **Rev Chil Obstet Ginecol** 1984;49(5):307-11 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

[Etiology of a clavicular fracture due to the birth process] Tanchev S, et al. **Akush Ginekol (Sofiia)** 1985;24(2):39-43 (Eng. Abstr.) (Bul)

ECONOMICS

A comparative analysis of newborn outcome in a hospital-based birthing center. Waskerwitz S, et al. **Clin Pediatr (Phila)** 1985 May;24(5):273-7

EDUCATION

Childbirth education classes: expectant parents' expectations. Maloney R. **J Obstet Gynecol Neonatal Nurs** 1985 May-Jun;14(3):245-8

INSTRUMENTATION

Do midforceps deliveries really impair subsequent intelligence quotient scores? [letter] Kadar N. **Am J Obstet Gynecol** 1985 Sep 15;153(2):233-5

Another method to provide left uterine displacement [letter] Wangler MA, et al. **Anesthesiology** 1985 May;62(5):700-1

METHODS

Long-term effects of labor and delivery on offspring: a matched-pair analysis. Friedman EA, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):941-5

Peripartum colloid osmotic pressure changes: effects of controlled fluid management. Gonik B, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):812-5

In defense of midforceps [letter] Goodlin RC. **Am J Obstet Gynecol** 1985 Jul 1;152(5):605-6

Management of preterm prematurely ruptured membranes: a retrospective comparison of observation versus use of steroids and timed delivery. Iams JD, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):977-81

Abdominovaginal delivery in case of impacted head in cesarean section operation [letter] Lippert TH. **Am J Obstet Gynecol** 1985 Mar 1;151(5):703

The role of midforceps in current obstetric practice [letter] Pearson JW. **Am J Obstet Gynecol** 1985 Jul 1;152(5):606

The Zavanelli maneuver: a potentially revolutionary method for the resolution of shoulder dystocia. Sandberg EC. **Am J Obstet Gynecol** 1985 Jun 15;152(4):479-84

Article does not show harm from midforceps [letter] Smith CB. **Am J Obstet Gynecol** 1985 Jul 1;152(5):604-5

Vaginal breech delivery of selected infants weighing more than 2000 grams. A retrospective analysis of seven years' experience. Tatum RK, et al. **Am J Obstet Gynecol** 1985 May 15;152(2):145-55

Intrapartum fetal heart rate monitoring of the extremely premature fetus. Vintzileos AM, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):744-5

Care in a birth room versus a conventional setting: a controlled trial. Klein M, et al. **Can Med Assoc J** 1984 Dec 15;131(12):1461-6

Delivery room management of the low birth weight infant. Martin RJ, et al. **Clin Obstet Gynecol** 1984 Sep;27(3):636-46

A failed RCT to determine the best method of delivery for very low birth weight infants. Lumley J, et al. **Controlled Clin Trials** 1985 Jun;6(2):120-7

Breech presentation and obstetricians. Ghose N. **J Indian Med Assoc** 1984 Sep;82(9):337-9

Use of povidone-iodine for intravaginal and periumbilical antisepsis [letter] Clemens P, et al. **J Pediatr** 1985 Feb;106(2):348

The delivery route for very-low-birth-weight infants. A preliminary report of a randomized, prospective study. Wallace RL, et al. **J Reprod Med** 1984 Oct;29(10):736-40

Neonatal outcome in planned v unplanned out-of-hospital births in Kentucky. Hinds MW, et al. **JAMA** 1985 Mar 15;253(11):1578-82

Appropriate technology for birth. **Lancet** 1985 Aug 24;2(8452):436-7

Optimal delivery of nonvertex twins. Ismajovich B, et al. **Mt Sinai J Med (NY)** 1985 Feb;52(2):106–9

The importance of accurate pediatric diagnosis of cerebral dysfunction or should the cesarean section rate be increased? Goodlin RC. **Nebr Med J** 1985 Feb;70(2):61–2

Studies on the mode of delivery and the outcome of small preterm infants with less than 32 weeks of gestation. Kigawa J, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Dec;36(12):2629–33

Effect of the birth chair on duration of second stage labor, fetal outcome, and maternal blood loss. Shannahan MD, et al. **Nurs Res** 1985 Mar–Apr;34(2):89–92

Multiple gestation. **Obstet Gynecol** 1985 Jan;65(1):152–3

Neonatal outcome among low birth weight infants delivered spontaneously or by low forceps [letter] Chambers S. **Obstet Gynecol** 1984 Nov;64(5):742–3

Antepartum nonstress test and the postmature pregnancy. Fleischer A, et al. **Obstet Gynecol** 1985 Jul;66(1):80–3

Cesarean section or vaginal delivery at 24 to 28 weeks' gestation: comparison of survival and neonatal and two-year morbidity. Kitchen W, et al. **Obstet Gynecol** 1985 Aug;66(2):149–57

Epidural analgesia for planned vaginal delivery following previous cesarean section. Rudick V, et al. **Obstet Gynecol** 1984 Nov;64(5):621–3

Vaginal delivery for the selected frank breech infant at term. Watson WJ, et al. **Obstet Gynecol** 1984 Nov;64(5):638–40

Obstetrical choice among urban women in Benin. Sargent C. **Soc Sci Med** 1985;20(3):287–92

[Obstetrico-surgical activity in EPH gestoses (a preliminary report)] Bozhinova S, et al. **Akush Ginekol (Sofiia)** 1984; 23(4):299–305 (Eng. Abstr.) (Bul)

[Age and delivery] Wang NJ. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Jan;20(1):28–9 (Chi)

[Advantages and risks of vaginal delivery after prior cesarean section] Hanzelka J, et al. **Cesk Gynekol** 1985 Mar; 50(2):116–24 (Cze)

[Various aspects of the management of twin pregnancy and delivery] Stucki D. **Gynakol Rundsch** 1984;24 Suppl 1:108–15 (Fre)

[Pregnancy and delivery in adolescents. Apropos of 112 case reports] Vinatier D, et al. **Rev Fr Gynecol Obstet** 1984 Jul–Sep;79(7–9):549–54 (Eng. Abstr.) (Fre)

[Current and shifting statistics on breech delivery at the Liège University Maternity Center] Vigis J, et al. **Rev Med Liege** 1984 Dec 15;39(24):873–8 (Fre)

[Delivery of newborn infants of less than 1500 g. at the Lausanne Maternity Hospital during 3 distinct periods: 1960–62; 1970–72; 1980–82] Bauen JF, et al. **Rev Med Suisse Romande** 1985 Feb;105(2):123–35 (Fre)

[Transverse presentation in the Maternity Department of the Habib Thameur Hospital] Maaref A, et al. **Tunis Med** 1983 Jan–Feb;61(1):57–60 (Eng. Abstr.) (Fre)

[Early and late morbidity of underweight (LBW) newborn infants following breech presentation in relation to the mode of delivery] Frenzel J, et al. **Z Geburtshilfe Perinatol** 1984 Nov–Dec;188(6):261–8 (Eng. Abstr.) (Ger)

[Method of delivery of premature infants—abdominal or vaginal?] Wulf KH, et al. **Z Geburtshilfe Perinatol** 1984 Nov–Dec;188(6):249–55 (Eng. Abstr.) (Ger)

[Development of the use of forceps in the 80's. Clinico-statistical considerations and long-term neuropsychiatric control in children born using this technic] Rizzuto E, et al. **Minerva Ginecol** 1984 Sep; 36(9):477–85 (Eng. Abstr.) (Ita)

[The course and management of labor in women with a history of cesarean section] Slomko Z, et al. **Ginekol Pol** 1985 Jan;56(1):23–8 (Eng. Abstr.) (Pol)

[Ultrasonographic evaluation of fetal mass for prognosis of the method of termination of labor] Spaczyński M, et al. **Ginekol Pol** 1985 Jan;56(1):45–7 (Eng. Abstr.) (Pol)

[Fate of newborn infants after pelvic presentation in relation to the method of delivery] Szczurowicz A, et al. **Ginekol Pol** 1984 Dec;55(12):931–7 (Eng. Abstr.) (Pol)

[Management of labor in women with twins] Vasilevskaia LN, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):77–9 (Rus)

PSYCHOLOGY

[The presence of the father in the delivery room (letter)] Schoeffler P, et al. **Presse Med** 1984 Nov 10;13(40):2454–5 (Fre)

DELIVERY, ABDOMINAL see CESAREAN SECTION

DELIVERY OF HEALTH CARE

see related

CONSUMER PARTICIPATION

Circumpolar health, 1984: an Alaskan perspective. Mala TA. **Alaska Med** 1984 Oct–Dec;26(4):108–11

No double standard for patient care. Ackerman AB. **Am J Dermatopathol** 1984 Aug;6(4):411

Lessons from the Japanese. Gelb A. **Am J Gastroenterol** 1985 Sep;80(9):738–42

A glimpse of health care in turbulent Nicaragua [letter] Rubardt M. **Am J Nurs** 1985 Jul;85(7):783–4

Care of low-birthweight and sick newborn infants in community hospitals. Effect of an education program. Maisels MJ, et al. **Am J Perinatol** 1984 Apr;1(3):247–50

Computers and health care. Lutz L. **Am Pharm** 1984 Oct; NS24(10):54–60

Medical education, hospitals, and health care on Taiwan. Schumacher HR Jr, et al. **Ann Intern Med** 1985 Mar; 102(3):409–10

Gypsies and American medical care. Thomas JD. **Ann Intern Med** 1985 Jun;102(6):842–5

The impact of specialization on health care. Jordan GL Jr. **Ann Surg** 1985 May;201(5):537–44

Cultural barriers to effective medical care among Indochinese patients. Hoang GN, et al. **Annu Rev Med** 1985;36:229–39

Cultural barriers to effective medical care among Hispanic-American patients. Ruiz P. **Annu Rev Med** 1985; 36:63–71

Health care for all mothers and infants by 2000 AD. Ratnam SS. **Aust NZ J Obstet Gynaecol** 1984 Nov;24(4):236–41

Inner city Britain: a challenge for the dental profession. A review of dental and related deprivation in inner city Newcastle upon Tyne. Carmichael CL. **Br Dent J** 1985 Jul 6;159(1):24–7

Requirements of structure and resource for an adequate audiology service in the post-Griffiths Health Service. Haggard MP, et al. **Br J Audiol** 1984 Nov;18(4):183–94

Diabetes care: whose responsibility? [letter] **Br Med J [Clin Res]** 1984 Oct 13;289(6450):1000–1

NHS theek hai? [letter] **Br Med J [Clin Res]** 1985 Feb 2; 290(6465):392–3

Impressions of medicine in India. Provision of medical care: varied and variable. Richards T. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1047–50

Bristol medical care. Baskett M, et al. **Bristol Med Chir J** 1984 Oct;99(372):136–7

Anniversary discourse. McLaughlin JJ. **Bull NY Acad Med** 1984 Oct;60(8):777–84

Brazilian health care delivery during a recession. Woodward RS. **Bull Pan Am Health Organ** 1984;18(4):371–8 (12 ref.)

Can retail dentistry help? Roberts SK. **Can Dent Assoc J** 1984 Aug;50(8):606–8

Indian mental health: changes in the delivery of care in northwestern Ontario. Timpson JB. **Can J Psychiatry** 1984 Apr;29(3):234–41

Australian conflicts in health care. Linton AL. **Can Med Assoc J** 1985 Sep 1;133(5):371–4

Health care in Uganda: restoring a shattered system. Oglov L. **Can Med Assoc J** 1985 Sep 1;133(5):468–71

Sources of primary health care for women in an urban centre. Yaffe MJ. **Can Med Assoc J** 1984 Nov 15;131(10):1225–8

The Chesapeake Health Plan: an HMO model for foster children. Schor EL, et al. **Child Welfare** 1984 Sep–Oct; 63(5):431–40

A coalition that works: medical indigent care in Pueblo. Fogel P. **Colo Med** 1984 Oct;81(10):160, 162

Distributive effects of dental programs for old-age pensioners in Norway. Rise J. **Community Dent Oral Epidemiol** 1985 Feb;13(1):14–8

Practice variations in the provision of health care services. American Medical Association. **Conn Med** 1985 Jul; 49(7):457–8, 461–2

Profile of medical ICU vs. ward patients in an acute care hospital. McClish DK, et al. **Crit Care Med** 1985 May; 13(5):381–6

Availability and distribution of antiepileptic drugs in developing countries. III and IV Commissions on Antiepileptic Drugs of the International League Against Epilepsy. **Epilepsia** 1985 Mar–Apr;26(2):117–21

Social networks and social support: implications for natural helper and community level interventions. Israel BA. **Health Educ Q** 1985 Spring;12(1):65–80

Consumers and choice: cost containment strategies for health care provision. Allen HM Jr. **Health Psychol** 1984; 3(5):411–30

Telemedicine—a feasibility experiment for national application. Desai AB, et al. **Indian Pediatr** 1984 Oct; 21(10):773–5

Ethics and medicine. 1. Introduction. Schmidt PE, et al. **Indiana Med** 1985 May;78(5):403–4

Organization of obstetric services in USSR. Grischenko VI. **Int J Gynaecol Obstet** 1984 Dec;22(6):479–82

Problems of obstetric care in Nigeria. Ogunbode O. **Int J Gynaecol Obstet** 1984 Dec;22(6):475–7

Obstetric and gynecological care for Third World women. Pinotti JA, et al. **Int J Gynaecol Obstet** 1984 Dec; 22(6):449–55

Inadequacies of present health services and strategies to improve maternal and child health in developing countries. Ratnam SS, et al. **Int J Gynaecol Obstet** 1984 Dec; 22(6):463–6

What's happened since Alma-Ata? Kiereini EM. **Int Nurs Rev** 1985 Jan–Feb;32(1):17–9

A review of the literature on the US foot health care system. Part I. Weiner JP, et al. **J Am Podiatry Assoc** 1984 Dec; 74(12):605–10

Study of cradle and pendulum motion for applications to health care. Frisina W. **J Biomech** 1984;17(8):573–7

Utilization of local first aiders in the provision of health care for prisoners by the International Committee of the Red Cross in Nicaragua. Bollag U. **J Community Health** 1985 Spring;10(1):17–21

Medical students' opinions concerning the health care system. Herman MW. **J Community Health** 1984 Spring; 9(3):196–205

Effect of general practice residency training on providing care for the developmentally disabled. Weintraub JA, et al. **J Dent Educ** 1985 May;49(5):321–3

Computers and health maintenance [letter] Brown SJ. **J Fam Pract** 1985 Apr;20(4):338

Heuristic approaches to decision-making in the delivery of primary health care within developing regions. Parker BR, et al. **J Health Polit Policy Law** 1985 Spring;10(1):157–80

Medicine in Japan 1981–1983. Weiss GN, et al. **J La State Med Soc** 1985 Feb;137(2):49–52

Health care delivery system changes: a special challenge for teaching hospitals. Smith CT. **J Med Educ** 1985 Jan; 60(1):1–8

Can dental hygienists affect the periodontal health of the nation? The dental hygienist: A primary care provider. Odrich J. **J Public Health Dent** 1985 Spring;45(2):64–9

The Yugoslav health system: public ownership and local control. Himmelstein DU, et al. **J Public Health Policy** 1984 Sep;5(3):423–31

Planning and providing services for the Asian population: a survey of District Health Authorities. Donaldson LJ, et al. **J R Soc Health** 1984 Dec;104(6):199–202

Health and health services in Central America. Garfield RM, et al. **JAMA** 1985 Aug 16;254(7):936–43

Home parenteral nutrition: a hospital-based program with commercial logistic support. Wesley JR, et al. **JPEN** 1984 Sep–Oct;8(5):585–8

Race and health. **Lancet** 1985 Feb 16;1(8425):410–1

Development: are slogans appropriate? [letter] Eunson PD. **Lancet** 1984 Nov 3;2(8410):1041–2

Analysing stages of care in hospital stay for fractured neck of femur. Robbins JA, et al. **Lancet** 1984 Nov 3; 2(8410):1028–9

The evolution of health care in China: a backward look to the future. New PK, et al. **Med Anthropol** 1984 Summer; 8(3):169–79

Medical problems in the Antarctic [editorial] Hughes ES. **Med J Aust** 1985 Aug 5;143(3):95

Models of service delivery: an assessment of some applications and implications for people who are mentally retarded. Baldwin S. **Ment Retard** 1985 Feb;23(1):6–12

British Medical Association at center of medical politics. Eberly C. **Mich Med** 1984 Oct;83(46):508–9, 512

Here are health care views of candidates Levin and Lousma. Levin C, et al. **Mich Med** 1984 Oct;83(46):495–6, 498

Survey shows DRGs affect health care delivery to seniors. Olszewski J. **Mich Med** 1985 Jul;84(7):402–3

Twin cities consumers' attitudes on health care. Kaemmerer CJ. **Minn Med** 1985 Jan;68(1):57–60

Australia: inside out, upside down, down under, and outback. Reese RL. **Minn Med** 1984 Aug;67(8):413–7

Racial equality in the American health care system: an unfulfilled ideal [editorial] McBride AD. **NY State J Med** 1985 Apr;85(4):125

Health care in Nicaragua: a social and historical perspective. Petrack EM. **NY State J Med** 1984 Oct;84(10):523–5

Health trends [editorial] **NZ Med J** 1984 Dec 12; 97(769):855–6

Clearing up the public's misconceptions about health care. Dorner W Jr. **Ohio State Med J** 1985 Jul;81(7):463, 465, 467 passim

The epidemiology of cancer and the delivery of medical care services. Pollack ES. **Public Health Rep** 1984 Sep–Oct; 99(5):476–83

Project for Strengthening Health Delivery Systems (SHDS) in Central and West Africa: applied research program. Brownlee A, et al. **Public Health Rev** 1984;12(3–4):297–300

The Panay Unified Services for Health (PUSH) Project: a Philippines experience in primary health care. Capul RR, et al. **Public Health Rev** 1984;12(3–4):384–92

Overview—lessons learned from experience in several African countries. Prince JS. **Public Health Rev** 1984; 12(3–4):247–9

The challenge of helping the handicapped. Pearson RJ. **Soc Sci Med** 1984;19(6):587–8

The Canadian health system—twenty years. Reese L. **Trans Assoc Life Insur Med Dir Am** 1984;66:9–17

Proceedings of the Commonwealth Caribbean Medical Research Council, 30th scientific meeting. Kingstown, St. Vincent and the Grenadines, April 24–27, 1985. **West Indian Med J** 1985;34 Suppl:1–64

Older women and health: an overview. Lewis M. **Women Health** 1985 Summer–Fall;10(2–3):1–16

[Planning a health care delivery system and psychosomatic medicine] Osada H. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):255–63 (Eng. Abstr.) (Jpn)

[Forms of health care in Poland at the end of the 19th century up to the 1930s] Wieckowska E. **Wiad Lek** 1984 Jul 1; 37(13):1049–55 (Eng. Abstr.) (Pol)

[Problem-solving capacity for meeting health care demands at the primary level in Chile, 1981] Simeant S. **Bol Of Sanit Panam** 1984 Aug;97(2):125–41 (Eng. Abstr.) (Spa)

[The Mexican Hospital Association and health care] Fajardo-Ortiz G, et al. **Gac Med Mex** 1984 Sep–Oct; 120(9–10):327–38 (Spa)

[Performance of health systems in Greater Santiago 1983] Medina E, et al. **Rev Med Chil** 1984 Nov;112(11):1157–64 (Eng. Abstr.) (Spa)

ECONOMICS

Role of the pharmaceutical industry in health care cost containment. Craine RB Jr. **Am J Cardiol** 1985 Aug 23;

56(5):43C-46C

Impact of diagnosis related groups on medical practice. May JJ. **Am J Cardiol** 1985 Aug 23;56(5):16C-26C

Future trends in the economics of medical practice and care. Reinhardt UE. **Am J Cardiol** 1985 Aug 23;56(5):50C-59C

Paradox, change and choice: an economist's view of some current health care resource issues. Shapiro HT. **Am J Cardiol** 1985 Aug 23;56(5):3C-9C

Deregulation of health-care financing. Curtiss FR. **Am J Hosp Pharm** 1985 May;42(5):1136-43

Cost containment in an equilibrium state. Robbins JA. **Am J Med** 1985 Sep;79(3):280-3

Private voluntary care for the 'Notch Group:' the St. Elizabeth's Clinic experience. Pust RE, et al. **Ariz Med** 1984 Sep;41(9):609-12

Health care USA: economic product or social good? Iglehart JK. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):257-8

Evaluating the impact of library services on the quality and cost of medical care. Hardy MC, et al. **Bull Med Libr Assoc** 1985 Jan;73(1):43-6

New health service economics. Abramowitz K. **Bull NY Acad Med** 1985 Jan-Feb;61(1):31-6

Evaluation of three cervical cancer detection programs in Japan with special reference to cost-benefit analysis. Takenaga N, et al. **Cancer** 1985 May 15;55(10):2514-9

Variations in medical practice and hospital costs. Wennberg JE. **Conn Med** 1985 Jul;49(7):444-53

Financial criteria, medical practice, and the hospital medical staff. Wilcox DP. **Conn Med** 1985 Mar;49(3):169-71

Treatment of renal failure in the light of increasingly limited resources. Wing AJ. **Contrib Nephrol** 1985;44:260-74

Health care cost-containment in a changing health care world. Tanner DJ. **Drug Intell Clin Pharm** 1985 Apr;19(4):291-2

Death of a paradigm: the challenge of competition. Goldsmith J. **Health Aff (Millwood)** 1984 Fall;3(3):5-19

Beyond DRGs: shifting the risk to providers. Swoap DB. **Health Aff (Millwood)** 1984 Winter;3(4):117-21

You'd better bring your own meat sauce. Stewart RW. **Indiana Med** 1985 Feb;78(2):140, 142

Dermatology, medical care, the government, and us. Burnett JW. **Int J Dermatol** 1985 May;24(4):219-21

A review of health care economics, current issues, and future considerations in health care delivery. Wiggans TG. **Int J Fertil** 1985;30(1):76-80

The Soroako nickel project: a healthy development? Robinson K. **Int J Health Serv** 1985;15(2):301-19

The regulation of high cost technology medicine: the case of dialysis and transplantation in the United Kingdom. Simmons RG, et al. **J Health Soc Behav** 1984 Sep;25(3):320-34

Health care cost containment and the duty to treat. Marsh FH. **J Leg Med (Chicago)** 1985 Jun;6(2):157-90

An attack on physician services. Carr AA. **J Med Assoc Ga** 1985 Mar;74(3):142-51

America's march to medical mediocrity or a great and noble profession is dying. Lamkin EH Jr. **J Med Assoc Ga** 1985 May;74(5):312-8

Your congressman speaks: the cost of health care. Courter J. **J Med Soc NJ** 1984 Aug;81(8):669-70

Containing health care costs. Jury awards; business and health care. George JE, et al. **J Med Soc NJ** 1985 Apr;82(4):282-3

Opinion: beware the gatekeeper. Hirsch PJ. **J Med Soc NJ** 1985 Mar;82(3):225-6

Federal prospective payment and the NJ demonstration waiver. Maressa VA. **J Med Soc NJ** 1984 Dec;81(12):1045

Quality medical care at a reasonable cost. **J Miss State Med Assoc** 1985 Mar;26(3):65-76

Impact of for-profit enterprise on health care. Young QD. **J Public Health Policy** 1984 Dec;5(4):449-52

Decision making within health care regulation subcommittees. Kearney P, et al. **J Soc Psychol** 1984 Dec;124(2ND Half):165-74

Medicine—a profession in trouble? [editorial] Lundberg GD. **JAMA** 1985 May 17;253(19):2879-80

Health care in the USA [letter] **Lancet** 1984 Sep 29;2(8405):754

Competition and regulation. Luft HS. **Med Care** 1985 May;23(5):383-400 (74 ref.)

Problems of health care in Canada. Linton AL, et al. **Med J Aust** 1985 May 13;142(10):556-8

A problem with bananas [editorial] Morley JB. **Med J Aust** 1984 Nov 24;141(11):695-8

The best buy—a cooperative effort. Holly LE. **Mich Med** 1985 Jun;84(6):320

Who is the odd man out?: the experience of Western Europe in containing the costs of health care. Abel-Smith B. **Milbank Mem Fund Q** 1985 Winter;63(1):1-17

Physicians contemplate the ethics and economics of health care. Report of the MMA Ad Hoc Work Group on 'Price of Life' report. **Minn Med** 1985 Aug;68(8):617-28

Patients for sale at bargain prices. Stokes JM. **Mo Med** 1985 Apr;82(4):183-4

Megacorporate health care [letter] Re R. **N Engl J Med** 1985 Aug 29;313(9):584-5

'Medicine in transition'. The moral and ethical dilemmas. Reese HE. **Nebr Med J** 1984 Oct;69(10):340-1

Monitoring antibiotics. One way to curb health care costs. Porter S. **Ohio State Med J** 1985 Apr;81(4):245-7

Medical care in a changing economic environment. Luft HS. **Pharos** 1985 Winter;48(1):2-5

Doctors and the medical cost crisis: culprits, victims, or solution? Schroeder SA. **Pharos** 1985 Spring;48(2):12-8

Anxiety within the Aesculapian shrine. The high priests of medicine tighten their cinctures. Benjamin WW. **Postgrad Med** 1985 Mar;77(4):246-9, 252-3

Should we shrink the health care system? Egdahl RH. **RI Med J** 1985 Apr;68(4):163-8

Where there is a doctor: strategies to increase productivity at lower costs. The economics of rural health care in the Dominican Republic. Ugalde A. **Soc Sci Med** 1984;19(4):441-50

Impact of strategic financial planning in the health care industry. Anderson D. **Top Health Care Financ** 1985 Summer;11(4):1-6

Unique dimensions of financial analysis service ratios. Cleverley WO, et al. **Top Health Care Financ** 1985 Summer;11(4):81-8

Program planning in relation to strategic and financial goals. Gold B. **Top Health Care Financ** 1985 Summer;11(4):15-20

Process for integrating market strategies and financial strategies. Killian JW, et al. **Top Health Care Financ** 1985 Summer;11(4):7-13

Health care cost containment panel discussion. Reeder CL, et al. **Trans Assoc Life Insur Med Dir Am** 1984;66:135-56

The price of health. Seldon A. **Trans Med Soc Lond** 1982-84;99-100:21-4

The return of two-class medicine—ill effects of Medi-Cal reform. Waitzkin H. **West J Med** 1985 May;142(5):708-9

A survey of health sector costs and financing in Malawi. Ministry of Health, Republic of Malawi. **World Health Stat Q** 1984;37(4):375-86 (Eng, Fre)

[Efficiency indices for the hospital sector] Schaub T, et al. **Off Gesundheitswes** 1985 Mar;47(3):120-4 (Ger)

HISTORY

The organization of health services in Vietnam. Ladinsky JL, et al. **J Public Health Policy** 1985 Jun;6(2):255-68

Israel's health system: structure and content issues. Tulchinsky TH. **J Public Health Policy** 1985 Jun;6(2):244-54

[The importance of the Košice government program for society's care of the people's health] Bouček K. **Cas Lek Cesk** 1985 May 3;124(18):545-7 (Cze)

[The concept, goals and 40 years of realization] Münz J. **Cas Lek Cesk** 1985 May 10;124(19):592-4 (Cze)

[40 years of the care of women in Czechoslovakia] Kobilková J. **Cesk Gynekol** 1985 Jul;50(6):393-4 (Cze)

[40 years ago our socialist health care system was founded] Peřina A. **Vnitr Lek** 1985 May;31(5):419-20 (Cze)

[Health care during 40 years of the Polish People's Republic—synthesis and conclusions] Szelachowski T. **Med Pr** 1985;36(1):1-8 (Pol)

[40 years of new socialist health care in Slovakia] Matejíček E. **Bratisl Lek Listy** 1985 May;83(5):481-4 (Slo)

[Profound revolutionary changes in the life of our nation and their reflection in health care—the results of 40 years of peaceful reconstruction] Pleva J. **Bratisl Lek Listy** 1985 Jun;83(6):593-7 (Slo)

[40 years' development of the Slovak health care system] Matejíček E. **Cas Lek Cesk** 1985 May 10;124(19):584-6 (Slo)

[The Slovak National Uprising—the beginning of a new approach to solving social and health problems in Slovakia] Tichý M, et al. **Cesk Zdrav** 1985 Jul;33(6-7):241-6 (Slo)

LEGISLATION & JURISPRUDENCE

The care and feeding of legislators or how about a prescription for some sleeping pills, doc? Fritz M. **Alaska Med** 1984 Jul-Sep;26(3):79-81

ECT regulation and the two-tiered care system [letter] Walter-Ryan WG. **Am J Psychiatry** 1985 May;142(5):661-2

I.S. Falk, the Committee on the Costs of Medical Care, and the Drive for National Health Insurance. Roemer MI. **Am J Public Health** 1985 Aug;75(8):841-8

The emerging relevance of antitrust laws to the delivery of health care. Wing KR. **Am J Public Health** 1985 Apr;75(4):407-11

Submission to Law Reform Commission Australia on reference of evidence laws. Burden of proof. **Aust Clin Rev** 1984 Sep;(14):28-38

Legislating health care coverage for the unemployed. Palley HA, et al. **Health Soc Work** 1985 Summer;10(3):174-82

Legislative package introduced. Off and running. **IMJ** 1985 May;167(5):376-7

Emergicenters. A health care system in evolution. Entin FJ. **J Leg Med (Chicago)** 1984 Sep;5(3):399-434 (158 ref.)

Health care issues on the Hill: working toward solutions. Rowland JR. **J Med Assoc Ga** 1984 Oct;73(10):667-70

Effects of Proposition 13 on health care services for mothers and children in California. Wallace HM, et al. **J Public Health Policy** 1984 Dec;5(4):458-70

Legislative report. 1985 Virginia General Assembly. Wiecking DK. **Med Leg Bull** 1985 May-Jun;34(3):1-10

Prudent Purchaser Act summarized. Jahnke MD. **Mich Med** 1985 Mar;84(3):154

In support of a model bill allowing the use of insect sting kits by trained laymen. Frazier CA. **NC Med J** 1985 Jun;46(6):571-2

Legal and administrative barriers to health care. Lief BJ. **NY State J Med** 1985 Apr;85(4):126-7

Legislation from conception to implementation. Craig RH Jr, et al. **Pa Med** 1985 Mar;88(3):30-2

[How early are health disorders in the early statutory detection program for children recognized? An epidemiologic evaluation. I. The first year of life] Lajosi F, et al. **Off Gesundheitswes** 1985 Feb;47(2):72-9 (Ger)

[Reassessment of the 'full-time' physician for better health care to the citizenry (letter)] Mungo F. **Minerva Anestesiol** 1985 Jan-Feb;51(1-2):65-6 (Ita)

[Analysis of the General Health Law] González Fernández JA, et al. **Salud Publica Mex** 1984 Nov-Dec;26(6):524-36 (Eng. Abstr.) (Spa)

MANPOWER

Woody Freamo: a perspective on European medical manpower [interview] Freamo W. **Can Med Assoc J** 1984 Nov 15;131(10):1265-6

Nutritional improvement and the primary health care delivery system. Jelliffe DB, et al. **Food Nutr (Roma)** 1984;10(1):53-63

The status of Asian Americans in the health care delivery system in New York. Nishi SM, et al. **NY State J Med** 1985 Apr;85(4):153-6

Medical manpower: how many physicians can Rhode Island absorb? **RI Med J** 1985 Mar;68(3):117

Local politicization of Primary Health Care as an instrument for development: a case study of community health workers in Zambia. Twumasi PA, et al. **Soc Sci Med** 1985;20(10):1073-80

METHODS

Therapy managing in Botswana. Ben-Tovim DI. **Aust NZ J Psychiatry** 1985 Mar;19(1):88-91

ORGANIZATION & ADMINISTRATION

Sectorized psychiatry. A methodological study of the effects of reorganization on patients treated at a mental hospital. Lindholm H. **Acta Psychiatr Scand [Suppl]** 1983;304:1-127

Administrative and professional issues for the occupational therapist in home health care. Trossman PB. **Am J Occup Ther** 1984 Nov;38(11):726-33

The chronic child patient: ensuring continuity of care. Griffith JM, et al. **Am J Orthopsychiatry** 1985 Jul;55(3):434-8

The barefoot doctor[illegible] Shanghai County revisited. Koplan JP, et al. **Am J Public Health** 1985 Jul;75(7):768-70

Organisation of plastic surgery in developing countries (Gillies Memorial Lecture: 1983). Antia NH. **Br J Plast Surg** 1985 Jan;38(1):24-9

Venezuela: the health system, drug consumption, and the role of the doctor. Crüger C. **Dan Med Bull** 1984 Nov;31 Suppl 1:28-30

Latin American health policy and additive reform: the case of Guatemala. Fiedler JL. **Int J Health Serv** 1985;15(2):275-99

Janforum. Health care and nursing in the People's Republic of China. Ying LJ, et al. **J Adv Nurs** 1985 May;10(3):279-84

Management and medicine, never the twain shall meet. McDaniel RR Jr. **J Natl Med Assoc** 1985 Feb;77(2):107-12

Proposals for health services in northern Nigeria. Ityavyar DA. **J R Soc Health** 1985 Apr;105(2):55-60

A cooperative model for provision of regional health services in a developing nation. Bessinger CD Jr, et al. **JAMA** 1984 Dec 14;252(22):3149-51

Organization and financing of medical care. Resources. Ginzberg E, et al. **Med Care** 1985 May;23(5):421-31

Communication in the field: the aid post orderly and the health extension officer. Pataki-Schweizer KJ. **Papua New Guinea Med J** 1983 Sep-Dec;26(3-4):178-81

Incidence of medical complications in spinal cord injury: patients in specialised, compared with non-specialised centres. Donovan WH, et al. **Paraplegia** 1984 Oct;22(5):282-90

Bureaucracy in medicine. Is there an alternative [editorial] Roller MC. **Postgrad Med** 1985 Sep 15;78(4):13-4, 16

Village health workers in Java, Indonesia: coverage and equity. Berman PA. **Soc Sci Med** 1984;19(4):411-22

Hospital system management in France and Canada: national pluralism and provincial centralism. de Pouvourville G, et al. **Soc Sci Med** 1985;20(2):153-66

Values in health care. Gish O. **Soc Sci Med** 1984;19(4):333-9

The basic health care system in Botswana: a study of the distribution and cost in the period 1973-1979. Høgh B, et al. **Soc Sci Med** 1984;19(8):783-92

Assessment and implementation of health care priorities in developing countries: incompatible paradigms and competing social systems. Makhoul N. **Soc Sci Med** 1984;19(4):373-84

The family as a resource unit in health care: changing patterns. Pless IB. **Soc Sci Med** 1984;19(4):385-9

Essential health care: a framework for its definition and implementation in health districts. Monekosso GL. **Trop Doct** 1984 Oct;14(4):146-50

Intersectoral linkages and health development. Case studies in India (Kerala State), Jamaica, Norway, Sri Lanka, and Thailand. **WHO Offset Publ** 1984;(83):4-53

[The subject, methods, modern concept and prognosis in the field of social medicine and the organization of health care] Elterlein E, et al. **Cas Lek Cesk** 1984 Aug 3;123(31):945-59 (Eng. Abstr.) (Cze)

[Results of a questionnaire survey on the effectiveness of specialization training in social medicine and the organization of health care] Auředníková H, et al. **Cesk Zdrav** 1985 Apr;33(4):151–60 (Eng. Abstr.) (Cze)

[Functions of health care and dynamic processes within societies] Kalous M, et al. **Cesk Zdrav** 1985 Jan;33(1):16–25 (Eng. Abstr.) (Cze)

[Problems in the formation of a total prognosis for the Czechoslovak health care system] Kružík L, et al. **Cesk Zdrav** 1985 Mar;33(3):97–107 (Eng. Abstr.) (Cze)

[Experience with the use of the IIASA (International Institute for Applied Systems Analysis) model in the Czechoslovak health care system] Mandys F, et al. **Cesk Zdrav** 1985 Mar;33(3):122–8 (Eng. Abstr.) (Cze)

[Meetings of administrators as a part of the AIS (Automated Information System) of the OUNZ (District Institute of National Health)] Pokorný I. **Cesk Zdrav** 1985 May;33(5):232–4 (Eng. Abstr.) (Cze)

[Problems in the organization and evaluation of dispensary care for the population of citizens of retirement age in basic ambulatory care] Erpenbeck F. **ZFA** 1984 Nov–Dec;39(6):357–60 (Eng. Abstr.) (Ger)

[Systems approach and systems analysis in health care administration] Strnad L. **Sb Ved Pr Lek Fak Univ Karlovy** 1983;26(5):631–50 (Eng. Abstr.) (Rus)

[Work of a republic hospital in the transition to annual dispensarization of the entire population] Zhigas V, et al. **Sov Zdravookhr** 1985;(2):33–7 (Rus)

[Methodical management of the automation process in the health care system in Slovakia] Mitošinková Z, et al. **Cesk Zdrav** 1985 Mar;33(3):116–21 (Eng. Abstr.) (Slo)

[Basis for the comparison of various health care systems] Vandale Toney S, et al. **Salud Publica Mex** 1985 Jan–Feb;27(1):10–7 (Eng. Abstr.) (Spa)

[Finnish experiences with treatment programs] Brommels M. **Nord Med** 1985;100(3):90–1 (Eng. Abstr.) (Swe)

STANDARDS

Management and the medical profession. **Aust Clin Rev** 1984 Sep;(14):25–7

A survey of quality of clinical entry. Brolly EH. **Aust Clin Rev** 1984 Sep;(14):11–3

Effect of a continuous criteria—related medical audit on aspects of patient care. Carney SL, et al. **Aust Clin Rev** 1984 Sep;(14):7–9

The need for complex technology in radiation oncology. Correlations of facility characteristics and structure with outcome. Hanks GE, et al. **Cancer** 1985 May 1;55(9 Suppl):2198–201

Outcome measures for district and regional health care planners. Charlton JR, et al. **Community Med** 1984 Nov;6(4):306–15

An evaluation of clinic functioning in five outpatient clinics. McKnight GT, et al. **J La State Med Soc** 1984 Aug;136(8):29–30

Commentary: The Peer Review Organization of New Jersey, Inc. Kingsley DI. **J Med Soc NJ** 1985 Mar;82(3):229–30

MSNJ Peer Review Organization Criteria Committee. Krosnick A. **J Med Soc NJ** 1985 Mar;82(3):194–5

Medical ethics, etiquette, and discipline in a competitive environment. Burkhart JH. **J Tenn Med Assoc** 1984 Sep;77(9):531–3

'The highest attainable standard': common goals of MCH and MR/DD professionals. Schutz CE, et al. **Ment Retard** 1984 Oct;22(5):209–11

Department of Public Health establishes review standards for new technologies. **Mich Med** 1985 Apr;84(4):214

[Regular anonymous patient interrogations in a large polyclinic—a guiding instrument for increasing the quality of care] Dackietzig W, et al. **Z Gesamte Hyg** 1984 Nov;30(11):664–7 (Eng. Abstr.) (Ger)

[Regular, standardized patient surveys within the scope of inpatient medical care at a health facility—a leading instrument for increasing quality of care] Hoffmann W, et al. **Z Gesamte Hyg** 1984 Jul;30(7):366–71 (Eng. Abstr.) (Ger)

[Standardized anonymous patient survey in the area of inpatient medical care in all facilities of a district as a leading instrument in public health] Hoffmann W, et al. **Z Gesamte Hyg** 1984 Oct;30(10):544–8 (Eng. Abstr.) (Ger)

[Results of hospital hygiene control activity in medical practice and polyclinic laboratories by district public health inspection] Mielke U, et al. **Z Gesamte Hyg** 1984 Dec;30(12):735–6 (Eng. Abstr.) (Ger)

TRENDS

Disability in multiple sclerosis and the provision of social and medical services: findings in Wellington, New Zealand. Johnson RH, et al. **Acta Neurol Scand [Suppl]** 1984;101:105–12

The doctor–patient relationship through the ages. Altschule MD. **Ala J Med Sci** 1984 Oct;21(4):435–9

Dead reckoning for Alabama medicine. Conner SL. **Ala Med** 1985 Mar;54(9):5–6, 49

Medicine as a product. McEvoy RD. **Alaska Med** 1984 Jul–Sep;26(3):67–70

Pharmacy in the twenty-first century: results of a strategic-planning conference. **Am J Hosp Pharm** 1985 Jan;42(1):71–80

Competitive alternatives to hospital inpatient care. Black BL. **Am J Hosp Pharm** 1985 Mar;42(3):545–53

Ethics and health care: the next 20 years. Callahan D. **Am J Hosp Pharm** 1985 May;42(5):1053–7

National census of residential facilities: a 1982 profile of facilities and residents. Hauber FA, et al. **Am J Ment Defic** 1984 Nov;89(3):236–45

Transition in health care: critical planning for the 1990s, Part Two. Jaffe E. **Am J Occup Ther** 1985 Aug;39(8):499–503

Occupational therapy in a Medicare-approved home health agency. MacRae A. **Am J Occup Ther** 1984 Nov;38(11):721–5

Long-term trends in health care costs. Meyer J. **Am Pharm** 1985 Apr;NS25(4):40–6

Competition: hallmark of health care in the decades ahead. Weikel MK. **Am Pharm** 1984 Nov;NS24(11):48–52

The private practice of medicine in the United States: glorious past, troubled present, uncertain future. Hatcher CR Jr. **Ann Thorac Surg** 1985 Jul;40(1):4–6

A surplus of dermatologists. Wherefrom and whereto. Weary PE. **Arch Dermatol** 1984 Oct;120(10):1295–7

American Medical Association. President's inaugural address. Boyle JF. **Ariz Med** 1984 Sep;41(9):613–6

Medical practice, medical education and government: future trends in a troubled relationship. Novick LF. **Ariz Med** 1985 Jan;42(1):29–33

Medicine: the death of a profession. Peikoff L. **Ariz Med** 1985 Jul;42(7):420–8

Creative ferment [editorial] **ASDC J Dent Child** 1985 Jan–Feb;52(1):16

ASHA Omnibus Survey 1984. Mansour SL, et al. **ASHA** 1985 May;27(5):37–40

Medical assistance to travellers: a new concept in insurance—cooperation with an airline. Lavernhe JP, et al. **Aviat Space Environ Med** 1985 Apr;56(4):367–70

The new entrepreneurialism in health care. Overview: origins and trends. Gray BH. **Bull NY Acad Med** 1985 Jan–Feb;61(1):7–22

Barriers to care. Eisenberg L. **Can J Psychiatry** 1984 Oct;29(6):452–60

Future American medical practice: less respect, less freedom? Korcok M. **Can Med Assoc J** 1984 Oct 15;131(8):926–31

Academic–industrial relationships. Sanders CA. **Circulation** 1985 Mar;71(3):429–33

Medicine in the '80s. Survival in an age of change. Greensher A. **Colo Med** 1984 Aug;81(8):202–3, 208

Changing medical practice arrangements. AMA Center for Health Policy Research. **Conn Med** 1985 Mar;49(3):189–91

Managed health systems: a boon or bane for physicians? Herbert ME. **Conn Med** 1985 Jan;49(1):26–30

Reflections on medicine. Rights and obligations. Massey RU. **Conn Med** 1985 Aug;49(8):547

Biotechnology and health care. Hardy RW. **Del Med J** 1984 Jul;56(7):427–8

The medical supermarket: futuristic or decadent? Stephens GG. **Del Med J** 1985 Mar;57(3):189–90

National health institute can meet future needs. Weatherill JL. **Dimens Health Serv** 1984 Aug;61(8):6, 42

Health services in the United Kingdom: trends in provision and utilization 1971–80. Metcalfe DH. **Fam Pract** 1984 Sep;1(3):140–6

Intergenerational service programs: meeting shared needs of young and old. Cherry DL, et al. **Gerontologist** 1985 Apr;25(2):126–9

Home health care innovations in health care delivery. Stitt PG. **Hawaii Med J** 1985 May;44(5):166, 169

Arbitrary access to care: the case for reforming Medicaid. Joe TC, et al. **Health Aff (Millwood)** 1985 Spring;4(1):59–74

The World Health Organization and 'health for all'. Morrison AB. **Health Aff (Millwood)** 1985 Spring;4(1):102–13

Health care delivery to foster children: a study. Moffatt ME, et al. **Health Soc Work** 1985 Spring;10(2):129–37

An insurance executive looks at changing patterns of health care [interview by John A. Talbott] Dauner MR. **Hosp Community Psychiatry** 1985 Feb;36(2):160–4

Recent developments in the care, treatment, and rehabilitation of the chronic mentally ill in Nigeria. Jegede RO, et al. **Hosp Community Psychiatry** 1985 Jun;36(6):658–61

Medicare, Medicaid: 10 lessons learned. Cohen WJ. **Hospitals** 1985 Aug 1;59(15):44, 46–7

Big business embraces alternate delivery. Gardner SF, et al. **Hospitals** 1985 Mar 16;59(6):81–4

Impacts of the technological revolution on health care. Attinger EO. **IEEE Trans Biomed Eng** 1984 Dec;31(12):736–43

Hey, maximus, off your gluteus! Chua PS. **Indiana Med** 1985 Jun;78(6):518–9

Alternative delivery systems: an update on HMOs. A message from the Executive Director. Foy DF. **Indiana Med** 1985 Aug;78(8):701–3

Health care is 'corporatized'—but it still exists for society. Tresnowski BR. **Inquiry** 1985 Summer;22(2):111–2

A broad overview of developments in nursing education and their implications for the delivery of nursing care. Collins SM. **Int J Nurs Stud** 1984;21(3):201–8

Alternate delivery systems are expanding in Iowa. **Iowa Med** 1985 Mar;75(3):104–5, 108–9

Medicine's new world: forces for change. Olds JW. **Iowa Med** 1984 Dec;74(12):523–7

Challenges to change: competition. Rupprecht P. **J Am Coll Health** 1984 Dec;33(3):128–30

Retail store dentistry in the United States, 1984. Council on Dental Practice. **J Am Dent Assoc** 1984 Oct;109(4):619–21

Health care: a profession or a business? O'Rourke KD. **J Am Optom Assoc** 1984 Dec;55(12):878–80

Inaugural address. Burge JP. **J Arkansas Med Soc** 1985 Jun;82(1):3–7

Crisis, challenge, and credibility. Sledge CB. **J Bone Joint Surg [Am]** 1985 Apr;67(4):658–62

Issues of health care in Kentucky: hospital and physician advertising. Roeder PW, et al. **J Ky Med Assoc** 1985 Apr;83(4):203–5

Physician surplus: boon or boondogggle [editorial] Schrodt GR. **J Ky Med Assoc** 1985 Feb;83(2):85

The future of medicine. Duhon D. **J La State Med Soc** 1984 Nov;136(11):21

The sine qua non of quality medical care. Palmisano DJ. **J La State Med Soc** 1985 May;137(5):15–7

Home setting to play greater role in medical care. Silver C, et al. **J La State Med Soc** 1984 Nov;136(11):25–6

Chiropractic and medical models of health care—a contemporary perspective. Jamison JR. **J Manipulative Physiol Ther** 1985 Mar;8(1):17–22

Rural maternal and child health problems: challenges and prospects. Khanjanasthiti P. **J Med Assoc Thai** 1984 Oct;67 Suppl 2:110–4

Hippocrates or David Stockman? The days of complacency are over. Fioretti RJ. **J Med Soc NJ** 1985 Jun;82(6):447–9

Trends and transformations in health care. Mazique EC. **J Natl Med Assoc** 1985 May;77(5):365–8

Nursing in China. Lyons MC. **J Neurosurg Nurs** 1985 Feb;17(1):2–3

Health and the war against Nicaragua, 1981–84. Garfield RM. **J Public Health Policy** 1985 Mar;6(1):116–31

Organized medicine—today and tomorrow. Annis ER. **J Tenn Med Assoc** 1984 Sep;77(9):509–15

China experience. Paine TF Jr. **J Tenn Med Assoc** 1984 Oct;77(10):594–5

The changing face of American health care. Multihospital systems, emergency centers, and surgery centers. Ermann D, et al. **Med Care** 1985 May;23(5):401–20 (107 ref.)

Organization and financing of medical care. Olson M. **Med Care** 1985 May;23(5):432–7

Mental retardation 1984: Professional responsibilities. Grossman HJ. **Ment Retard** 1984 Oct;22(5):212–7

Service provision in New York's group homes. Jacobson JW, et al. **Ment Retard** 1984 Oct;22(5):231–9

Representative Hertel hopes to fill medical care gaps in underserved rural Michigan. Eberly C. **Mich Med** 1985 May;84(5):288–9

Senator Henry predicts the health care industry's future [interview by Carole Eberly] Henry P. **Mich Med** 1984 Nov;83(51):586, 588

A look into the future for hospitals and physicians. Dauner CD. **Mo Med** 1985 Apr;82(4):195–7

Megacorporate health care. A choice for the future. Freedman SA. **N Engl J Med** 1985 Feb 28;312(9):579–82

Medical revolution—hospital crisis. Lynch JF. **NC Med J** 1985 Jun;46(6):379–81

Public relations: a powerful marketing tool. Stevens A. **NC Med J** 1984 Dec;45(12):769–70

'Medicine in transition'. Resource allocation—rationing. Reese HE. **Nebr Med J** 1985 Apr;70(4):129–30

Strategic planning for the 1990's. Kelly LS. **Nurs Outlook** 1985 Jan–Feb;33(1):8

Ethics in the eighties: contrasts and conflicts. Porter S. **Ohio State Med J** 1985 Feb;81(2):82–5

A health and hospital profile of Toledo. Price JH. **Ohio State Med J** 1985 Apr;81(4):234–7, 243

Changes in Pennsylvania's physician supply. Cordes SM, et al. **Pa Med** 1985 Feb;88(2):55–8

Who Should Decide? Paternalism in Health Care, by James F. Childress. Siegler M. **Perspect Biol Med** 1985 Spring;28(3):452–6

Medicine of the future. Craige E. **Pharos** 1985 Winter;48(1):31–2

Past and present. Linenthal AJ. **Pharos** 1985 Spring;48(2):43

The British choice in health care: a report from London. Robb JW. **Pharos** 1985 Winter;48(1):33–7

The United States–Mexico border: health problems and opportunities. Scutchfield FD. **Pharos** 1985 Spring;48(2):9–11

Future directions in medical care. The heightening need for physicians as patient advocates. Jirka FJ Jr. **Postgrad Med** 1985 Feb 15;77(3):13–5, 18–9

The old and the young. **Public Health** 1984 Sep;98(5):267–9

The general labour conflict in Sweden 1980: effects on the mortality in Stockholm County. Allebeck P. **Public Health** 1985 Jan;99(1):10–7

The American health care industry: where we've been, where we're going. Schroeder LE, et al. **SD J Med** 1985 Mar;38(3):25–8

The sanctuary of medicine. Pélicier Y. **Soc Psychiatry** 1985;20(2):53–4

Japan's clinic physicians and their behavior. Abe MA. **Soc Sci Med** 1985;20(4):335–40

The relevance of the social sciences to health care delivery. Anderson JM. **Soc Sci Med** 1985;21(3):307–8

Space and time in British general practice. Armstrong D. **Soc Sci Med** 1985;20(7):659–66

The Primary Health Care Project in Belgium: a survey on the utilization of health services. Foets M, et al. **Soc Sci Med** 1985;20(3):181–90

Disease rate as an artifact of the health care system: tuberculosis in Puerto Rico. Hunter JM, et al.

Soc Sci Med 1984;19(9):997–1008

Obstetrical choice among urban women in Benin. Sargent C. **Soc Sci Med** 1985;20(3):287–92

The use of theoretical constructs and research data to establish a base for clinical social work in health settings. Carlton TG, et al. **Soc Work Health Care** 1984 Winter; 10(2):27–40

The perils and promises of the health practice domain. Meyer CH. **Soc Work Health Care** 1984 Winter;10(2):1–11

Health care and social work services: present concerns and future directions. Rehr H. **Soc Work Health Care** 1984 Fall; 10(1):71–83

Medical care in the 1980s. Scoville AB Jr. **South Med J** 1985 Feb;78(2):123–4

Preferred provider organizations—an emerging health care delivery system. Holmquest DL, et al. **Tex Med** 1985 Apr; 81(4):57–60

Reading the medical megatrends for competitive advantage. Cochrane JD. **Top Health Care Financ** 1984 Winter; 11(2):38–46

Strategic program planning. Gay JD. **Top Health Care Financ** 1985 Summer;11(4):65–72

Problems of rural health workers. Petit PL. **Trop Doct** 1985 Jan;15(1):44–5

We are in an era of many changes ... Glicklich LB. **Wis Med J** 1985 May;84(5):23–6

Human resources for health for all. Schaefer M, et al. **World Health Stat Q** 1984;37(1):52–83 (Eng, Fre)

[Current degree of care of children and adolescents with chronic nonspecific diseases of the respiratory system (CNSRD)] Wiersbitzky S, et al. **Arztl Jugendkd** 1984 Oct; 75(5):316–21 (Eng. Abstr.) (Ger)

[Between scientific principles and the responsibility for medical healing on the development of specialism in medicine] Klutz M. **Fortschr Med** 1985 Apr 4;103(13):74–5 (Ger)

[Psychiatry reform in the psychiatric district hospital: progress and obstacles in the last 7 years] Reimer F. **Nervenarzt** 1985 Mar;56(3):161–5 (Ger)

[Social psychiatric counseling station at the district health office in Marburg/Biedenkopf—a study of its clientele and its work methods] Brücher K. **Off Gesundheitswes** 1985 Jan;47(1):20–4 (Ger)

[Mobile health office accessory station—a study] Corinth G. **Off Gesundheitswes** 1985 Jan;47(1):37–9 (Ger)

[Development of East German public health] Rychlik R. **Off Gesundheitswes** 1985 Jan;47(1):25–7 (Ger)

[Development aid in public health—principles of an ethnospecific health system analysis] Werner R. **Off Gesundheitswes** 1985 Mar;47(3):125–9 (Ger)

[Current medicine: controversies and expectations] Müldner-Nieckowski P. **Przegl Lek** 1984;41(9):553–8 (Pol)

[Problems of the orthopedo-traumatology service during the transition to dispensarization of the entire population] Dem'ianov VM, et al. **Ortop Travmatol Protez** 1985 Jan; (1):2–8 (Eng. Abstr.) (Rus)

[Implementation of the achievements of medical science into health care practice in the Ukrainian SSR] Ternovoi KS, et al. **Ortop Travmatol Protez** 1984 Oct;(10):1–5 (Eng. Abstr.) (Rus)

[Public health in the Nakhichevan ASSR (on the 60th anniversary of the creation of the Nakhichevan ASSR)] Novruzov SA. **Sov Zdravookhr** 1984;(9):14–6 (Rus)

[The socialist way of life and public health] Shadimetov Iu. **Vestn Akad Med Nauk SSSR** 1985;(1):75–8 (Rus)

UTILIZATION

Health care and health care seeking strategies among Puyallup Indians. Guilmet GM. **Cult Med Psychiatry** 1984 Dec;8(4):349–69

DELIVERY ROOMS see under **OPERATING ROOMS**

DELPHI TECHNIC see under **QUESTIONNAIRES**

DELTA RHYTHM see under **ELECTROENCEPHALOGRAPHY**

DELTA(9)-THC see **TETRAHYDROCANNABINOL**

DELTAMYCINS see **LEUCOMYCINS**

DELUSIONS

CEREBROSPINAL FLUID

Higher CSF levels of HVA and 5-HIAA in delusional compared to nondelusional depression [letter] Aberg-Wistedt A, et al. **Arch Gen Psychiatry** 1985 Sep; 42(9):925–6

COMPLICATIONS

[Constraint—delusion—depression—melancholy: decomposition of normal ways of existence] Tellenbach H. **Sudhoffs Arch Beih** 1984;(24):139–46 (Ger)

DIAGNOSIS

Dysmorphophobia and monosymptomatic hypochondriasis [letter] Thomas CS. **Am J Psychiatry** 1985 Sep;142(9):1121

Capgras' syndrome: outmoded term for changeling delusions? Cawte J, et al. **Aust NZ J Psychiatry** 1984 Dec;18(4):388–90

Delusions: problems in definition and measurement. Garety P. **Br J Med Psychol** 1985 Mar;58 (Pt 1):25–34

The diagnostic value in assessing mood congruence in delusions and hallucinations and their relationship to the affective state. Winokur G, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):299–302

An atypical case of Gilles de la Tourette syndrome. Sirota P, et al. **Isr J Psychiatry Relat Sci** 1984;21(1):69–71

The dexamethasone suppression test in delusional depression. Further findings. Ayuso-Gutierrez JL, et al. **J Affective Disord** 1985 Mar–Apr;8(2):147–51

Dexamethasone suppression test results in delusional versus nondelusional depression: preliminary evidence of distinct clinical entities. Kraus RP, et al. **J Clin Psychiatry** 1985 May;46(5):188–90

The occurrence of delusions in the absence of other psychotic symptoms. Buchholz DJ, et al. **J Ky Med Assoc** 1984 Nov; 82(11):559–61

Heterogeneity of delusional syndromes: diagnostic criteria and course prognosis. Schanda H, et al. **Psychopathology** 1984;17(5–6):280–9

Capgras' syndrome with dysmorphic delusion in an adolescent. Kourany RF, et al. **Psychosomatics** 1984 Sep; 25(9):715–7

[Comparative-age features of the dynamics of delusional syndromes in the course of paranoid schizophrenia] Alimkhanov ZhA. **Zh Nevropatol Psikhiatr** 1984; 84(8):1203–9 (Eng. Abstr.) (Rus)

[Typology of delusional states in schizophrenic patients] Moiseeva MI. **Zh Nevropatol Psikhiatr** 1985;85(1):78–83 (Eng. Abstr.) (Rus)

[Clinical and endocrinological aspects of delusional depression] Ayuso Gutiérrez JL, et al. **Acta Psiquiatr Psicol Am Lat** 1984 Sep;30(3):175–83 (Eng. Abstr.) (Spa)

DRUG THERAPY

Delusions of infestation treated with pimozide: a follow-up study. Lindskov R, et al. **Acta Derm Venereol (Stockh)** 1985; 65(3):267–70

Monosymptomatic hypochondriasis treated with tricyclic antidepressants. Brotman AW, et al. **Am J Psychiatry** 1984 Dec;141(12):1608–9

Dose and plasma levels of nortriptyline and chlorpromazine in delusionally depressed adolescents and of nortriptyline in nondelusionally depressed adolescents. Geller B, et al. **Am J Psychiatry** 1985 Mar;142(3):336–8

Nortriptyline in the treatment of a monosymptomatic delusion [letter] Pylko T, et al. **Am J Psychiatry** 1985 Oct; 142(10):1223

Amoxapine in psychotic-delusional depression [letter] Ragheb M, et al. **Am J Psychiatry** 1984 Oct;141(10):1312–3

The pharmacological treatment of delusional depression. Spiker DG, et al. **Am J Psychiatry** 1985 Apr;142(4):430–6

Excellent response of pathologic jealousy to pimozide [letter] Munro A. **Can Med Assoc J** 1984 Oct 15;131(8):852–3

Use of Frenolon in the treatment of delusion of parasitosis 'Ekbom's syndrome'). Hoffmann H. **Ther Hung** 1982; 30(1):23–4

[Treatment of a dermatozoon delusion with neuroleptics] Ungvári G. **Psychiatr Prax** 1984 Jul;11(4):116–9 (Eng. Abstr.) (Ger)

ETIOLOGY

Organic delusions: phenomenology, anatomical correlations, and review. Cummings JL. **Br J Psychiatry** 1985 Feb; 146:184–97 (172 ref.)

Rock and roll delusions [letter] Robinson AJ. **Br J Psychiatry** 1984 Dec;145:672

[Severe metabolic alkaloses in psychiatric form] Saissy JM, et al. **Cah Anesthesiol** 1985 Mar;33(2):169–71 (Fre)

[Manifestations of progressive paralysis. Not a theme of the past] Risse A, et al. **Dtsch Med Wochenschr** 1985 Aug 2; 110(31–32):1202–5 (Eng. Abstr.) (Ger)

[Limits of reactive delusion formation] Moefes SM. **Zh Nevropatol Psikhiatr** 1985;85(2):277–81 (32 ref.) (Rus)

FAMILIAL & GENETIC

Familial psychopathology in delusional disorder. Winokur G. **Compr Psychiatry** 1985 May–Jun;26(3):241–8

HISTORY

[Delusions of possession by the fox in Japan (or Kitsune-Tsuki delusion)] Furukawa F, et al. **Ann Med Psychol (Paris)** 1984 May;142(5):677–87 (Fre)

METABOLISM

ECT, dopamine and delusions [letter] Cooper SJ, et al. **Br J Psychiatry** 1984 Nov;145:555

PHYSIOPATHOLOGY

The unintegrated right cerebral hemispheric consciousness as alien intruder: a possible mechanism for Schneiderian delusions in schizophrenia. Nasrallah HA. **Compr Psychiatry** 1985 May–Jun;26(3):273–82

[Psychopathologic conditions from the standpoint of the functional specialization of the cerebral hemispheres] Sokolova ED, et al. **Zh Nevropatol Psikhiatr** 1984; 84(12):1823–7 (Eng. Abstr.) (Rus)

PSYCHOLOGY

Content of grandiose phenomenology across cultures. Ndetei DM, et al. **Acta Psychiatr Scand** 1985 Jul;72(1):38–9

Delusional loving and the self [letter] Grinker RR. **Am J Psychiatry** 1985 May;142(5):659

A psychoanalytic view of the relationship between delusional depression and bipolar disorder [letter] Rockland LH. **Am J Psychiatry** 1985 Mar;142(3):396

The snow leopard. Fusion in an elaborated delusional fantasy. Berenstein F. **Am J Psychoanal** 1984 Winter;44(4):377–97

Subcultural delusions and hallucinations. Comments on the Present State Examination in a multi-cultural context. Swartz L, et al. **Br J Psychiatry** 1985 Apr;146:391–4

Delusional parasitosis and physical disease. Berrios GE. **Compr Psychiatry** 1985 Sep–Oct;26(5):395–403

Stability of psychotic symptomatology (delusions, hallucinations), affective syndromes, and schizophrenic symptoms (thought disorder, incongruent affect) over episodes in remitting psychoses. Winokur G, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):303–7

Rapid improvement of delusional depression following drug-induced seizures: case report. Rubin AL, et al. **J Clin Psychiatry** 1985 Apr;46(4):146–7

Descent into the maelstrom: a postoperative experience. Bickers WM. **Pharos** 1985 Winter;48(1):23–5

Delusions of halitosis. Goldberg RL, et al. **Psychosomatics** 1985 Apr;26(4):325–7, 331

Delusions of parasitosis: differential diagnosis and treatment. Johnson GC, et al. **South Med J** 1985 Aug;78(8):914–8

[The brazen-masked man. Argyria as a solution to autodysosmophobia] Cremniter D, et al. **Ann Med Psychol (Paris)** 1984 Nov;142(9):1223–31 (Fre)

[Chronicity, chronicization, systematization of delusions] Trapet P, et al. **Ann Med Psychol (Paris)** 1984 May; 142(5):609–16 (Eng. Abstr.) (Fre)

[Transformation to an animal. Metamorphosis or metaphor? A delusional episode following brain contusion] Assal G. **Schweiz Arch Neurol Psychiatr** 1985;136(3):33–42 (Eng. Abstr.) (Fre)

[Dysmorphophobia—self concept and self identity] Strian F. **Z Klin Psychol Psychopathol Psychother** 1984;32(2):117–22 (Ger)

[Pathomorphosis of delusions] Pelicier Y. **Minerva Psichiatr** 1984 Jul–Sep;25(3):153–6 (Ita)

[Clinical picture and forensic psychiatric significance of jealousy delusions in schizophrenic women] Kozlova AM. **Zh Nevropatol Psikhiatr** 1984;84(8):1209–13 (Eng. Abstr.) (Rus)

THERAPY

A 'gratuitous' conclusion on ECT [letter] Fink M. **Am J Psychiatry** 1985 Sep;142(9):1129–30

Plasma catecholamines and ECT. Khan A, et al. **Biol Psychiatry** 1985 Jul;20(7):799–804

Delusional depression. A one year follow-up. Robinson DG, et al. **J Affective Disord** 1985 Jul;9(1):79–83

DEMECARIUM BROMIDE

ANALYSIS

Determination of demecarium bromide and related compounds by high-performance liquid chromatography. Cohn LJ, et al. **J Chromatogr** 1985 Mar 15;321(2):401–5

DEMECASTIGMINE see **DEMECARIUM BROMIDE**

DEMECLOCYCLINE see **DEMETHYLCHLORTETRACYCLINE**

DEMECOLCINE

PHARMACODYNAMICS

Effect of cadmium and colcemide on the mitoses of a human epithelial cell line with high content of cytoplasmic metallothionein. Bakka A, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Sep;55(3):242–6

Colcemid treatment of myeloma prior to cell fusion increases the yield of hybridomas between myeloma and splenocyte. Miyahara M, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):903–8

Malorientation in half-bivalents at anaphase in crane fly spermatocytes following Colcemid treatment. LaFountain JR Jr. **Chromosoma** 1985;91(5):337–46

Chromosome segregation and spindle structure in crane fly spermatocytes following Colcemid treatment. LaFountain JR Jr. **Chromosoma** 1985;91(5):329–36

Comparison of prometaphase chromosome techniques with emphasis on the role of colcemid. Wiley JE, et al. **In Vitro** 1984 Dec;20(12):937–41

Effect of microtubule-destroying drugs on the spreading and shape of cultured epithelial cells. Domnina LV, et al. **J Cell Sci** 1985 Mar;74:267–82

Induction of aneuploidy by mitotic arrestants in mouse bone marrow. Liang JC, et al. **Mutat Res** 1985 Jan–Feb; 155(1–2):61–70

[Surface properties of L cells studied by countercurrent distribution in a 2-phase polymer system before and after cytochalasin B and colcemid exposure] Petrov IuP, et al.

Tsitologiia 1985 Apr;27(4):415-21 (Eng. Abstr.) (Rus)

DEMENTIA

Use of environmental manipulation and classroom and modified informal reality orientation with institutionalized, confused elderly patients. Reeve W, et al. **Age Ageing** 1985 Mar;14(2):119-21

BLOOD

Circulating vitamins in Alzheimer's dementia as compared with other dementias. Scileppi KP, et al. **J Am Geriatr Soc** 1984 Oct;32(10):709-11

CEREBROSPINAL FLUID

Serotonin and 5-hydroxyindoleacetic acid in CSF. Difference in Parkinson's disease and dementia of the Alzheimer's type. Volicer L, et al. **Arch Neurol** 1985 Feb;42(2):127-9

The role of lumbar puncture in the evaluation of dementia: the Durham Veterans Administration/Duke University Study. Becker PM, et al. **J Am Geriatr Soc** 1985 Jun;33(6):392-6

The role of lumbar puncture in the evaluation of dementia: the University of Pittsburgh Study. Hammerstrom DC, et al. **J Am Geriatr Soc** 1985 Jun;33(6):397-400

Reduction of biogenic amine levels in the Rett syndrome. Zoghbi HY, et al. **N Engl J Med** 1985 Oct 10;313(15):921-4

Dementia of different etiologies: vasoactive intestinal polypeptide in CSF. Wikkelsø C, et al. **Neurology** 1985 Apr;35(4):592-5

Can CSF measures distinguish among schizophrenia, depression, movement disorders, and dementia? Stahl SM. **Psychopharmacol Bull** 1985;21(3):396-9

CHEMICALLY INDUCED

Mental impairment in Parkinson's disease. The role of anticholinergic drugs. Meco G, et al. **Acta Psychiatr Belg** 1984 Jul-Aug;84(4):325-35

[Presence of high concentrations of aluminum in neurons of a patient dying from a rapidly developing dementia] Galle P, et al. **C R Acad Sci [III]** 1984;299(13):535-9 (Eng. Abstr.) (Fre)

CLASSIFICATION

The P3 potential and its clinical usefulness in the objective classification of dementia. Leppler JG, et al. **Cortex** 1984 Sep;20(3):427-33

Dementia: its definition, differential diagnosis, and subtypes. Mesulam MM. **JAMA** 1985 May 3;253(17):2559-61

[Dementia: current research results, practical perspectives] Szilégyi AK. **Orv Hetil** 1985 Mar 3;126(9):499-506 (Eng. Abstr.) (Hun)

COMPLICATIONS

Depression in patients referred to a dementia clinic. A three-year prospective study. Reding M, et al. **Arch Neurol** 1985 Sep;42(9):894-6

Huntington's chorea without dementia. A problem case. Turner TH. **Br J Psychiatry** 1985 May;146:548-50

Language disintegration in dementia: effects of etiology and severity. Hier DB, et al. **Brain Lang** 1985 May;25(1):117-33

Concurrent depression and dementia: implications for diagnosis and treatment. Devanand DP, et al. **J Clin Psychiatry** 1985 Sep;46(9):389-92

Kluver-Bucy syndrome in Huntington's chorea. Janati A. **J Nerv Ment Dis** 1985 Oct;173(10):632-5

Dementia prevalence in Parkinson's disease [letter] Taylor A, et al. **Lancet** 1985 May 4;1(8436):1037

Hyperlipidemic dementia. Mas JL, et al. **Neurology** 1985 Sep;35(9):1385-7

Familial neuropathy with dementia, retinitis pigmentosa, and dysautonomia. Ozawa K, et al. **Neurology** 1985 Aug;35(8):1184-7

Dementia of the Alzheimer's type and Huntington's disease. Reyes MG, et al. **Neurology** 1985 Feb;35(2):273-7

[Amyotrophic lateral sclerosis and dementia: a rare association. Case report] Spitaleri DL, et al. **Riv Neurol** 1985 Mar-Apr;55(2):116-23 (Eng. Abstr.) (Ita)

DIAGNOSIS

Progressive supranuclear palsy—20 years later. Kristensen MO. **Acta Neurol Scand** 1985 Mar;71(3):177-89

Use of P300 and a dementia rating scale in the evaluation of cognitive dysfunction in MS. Tourtellotte WW, et al. **Acta Neurol Scand [Suppl]** 1984;101:32-4

The language of dementia. Joynt RJ. **Adv Neurol** 1984;42:65-9

Fleck retina in Kjellin's syndrome. Farmer SG, et al. **Am J Ophthalmol** 1985 Jan 15;99(1):45-50

Platelet MAO in functional psychoses with evidence of brain atrophy [letter] Luchins DJ, et al. **Am J Psychiatry** 1985 Aug;142(8):996-7

The dexamethasone suppression test in dementia [letter] Mahendra B. **Am J Psychiatry** 1985 Apr;142(4):520-1

Consistent reversal of abnormal DSTs after different antidepressant therapies in a patient with dementia. Wamboldt MZ, et al. **Am J Psychiatry** 1985 Jan;142(1):100-3

The value of routine X-rays in dementia [letter] Renvoize EB, et al. **Br J Psychiatry** 1985 May;146:560

Treatable dementias: differential diagnosis and obstacles to recognition. Cummings JL. **Clin Ther** 1985;7(4):480-6 (23 ref.)

Neurologic disorders: the many new uses of CT. Lotz PR. **Geriatrics** 1985 May;40(5):40-6, 49-53, 56

The Stroop color-word test: indicator of dementia severity. Koss E, et al. **Int J Neurosci** 1984 Aug;24(1):53-61

Diagnosing dementia. Univariate and multivariate analyses of the mental status examination. Klein LE, et al. **J Am Geriatr Soc** 1985 Jul;33(7):483-8

Increased attention to dementia [editorial] McCahan JF. **J Am Geriatr Soc** 1985 Jul;33(7):459-60

Computerized data base for evaluation and follow-up of demented outpatients. Zemcov A, et al. **J Am Geriatr Soc** 1984 Nov;32(11):801-42

The clinical utility of the dementia rating scale for assessing Alzheimer patients. Vitaliano PP, et al. **J Chronic Dis** 1984;37(9-10):743-53

Clinical correlates of dementia and disability in Huntington's disease. Brandt J, et al. **J Clin Neuropsychol** 1984 Nov;6(4):401-12

Diagnostic evaluation of 200 elderly outpatients with suspected dementia. Larson EB, et al. **J Gerontol** 1985 Sep;40(5):536-43

Single photon emission tomography with 123I-isopropylamphetamine in Alzheimer's disease and multi-infarct dementia [letter] Gemmell HG, et al. **Lancet** 1984 Dec 8;2(8415):1348

Heterogeneity in dementia of the Alzheimer type: evidence of subgroups. Mayeux R, et al. **Neurology** 1985 Apr;35(4):453-61

Measurement of intrathecal I131-albumin transport to plasma. Inability to distinguish cerebral atrophy from communicating hydrocephalus. Siegel BA, et al. **Neurology** 1974 Jun;24(6):501-3

A new method of measuring brain atrophy: the effect of aging in its application for diagnosing dementia. Yerby MS, et al. **Neurology** 1985 Sep;35(9):1316-20

Infantile behavioural regression and respiratory impairment. Lugaresi E, et al. **Neuropediatrics** 1984 Oct;15(4):211-4

Early Alzheimer's disease or dementia from another cause? Paulson GW. **Postgrad Med** 1985 Jul;78(1):223-7

Depression and dementia: the multi-faceted relationship. Mahendra B. **Psychol Med** 1985 May;15(2):227-36

Cognitive screening at the bedside: usefulness of a structured examination. Beresford TP, et al. **Psychosomatics** 1985 Apr;26(4):319-22, 324

[Scheuthauer-Marie-Sainton syndrome with convulsions and dementia] Fehlow P. **Z Arztl Fortbild (Jena)** 1984;78(23):1001-3 (Ger)

[Diagnostic criteria of dementia and characteropathy in the view of various Polish psychiatrists] Smoczyński S. **Psychiatr Pol** 1984 Jul-Aug;18(4):371-5 (Pol)

DRUG THERAPY

Successful treatment of dialysis osteomalacia and dementia, using desferrioxamine infusions and oral 1-alpha hydroxycholecalciferol. Hood SA, et al. **Am J Nephrol** 1984;4(6):369-74

Effects of twice standard dosage of neuroactive drugs in dementia. A preliminary report. Knox J, et al. **Br J Clin Pract** 1984 Sep;38(9):313-5

Rational drug treatment of dementia? [editorial] Byrne J, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1845-6

Involutional dementias: new perspectives. Borromei A, et al. **Ital J Neurol Sci** 1985 Jun;6(2):167-71

Ergot for dementia? [editorial] **Lancet** 1984 Dec 8;2(8415):1313-4

Desglycinamide-9-arginine-8-vasopressin (DGAVP, Organon 5667) in patients with dementia. Peabody CA, et al. **Neurobiol Aging** 1985 Summer;6(2):95-100

ENZYMOLOGY

Low plasma dopamine-beta-hydroxylase in demented schizophrenics. Markianos M, et al. **Biol Psychiatry** 1985 Jan;20(1):98-101

Cholinergic correlates of cognitive impairment in Parkinson's disease: comparisons with Alzheimer's disease. Perry EK, et al. **J Neurol Neurosurg Psychiatry** 1985 May;48(5):413-21

ETIOLOGY

Amyotrophic lateral sclerosis with dementia. Lauten SG, et al. **Ala Med** 1985 Jan;54(7):15-6

Atheroma, infarction and dementia: need for a new name? [letter] Mahendra B, et al. **Br J Psychiatry** 1985 Feb;146:211

Dementia—a presenting feature of craniopharyngioma in an elderly patient. Nanvati NJ, et al. **J Assoc Physicians India** 1984 Aug;32(8):756-7

Psychological follow-up in childhood dementia: a longitudinal study of subacute sclerosing panencephalitis. Swift AV, et al. **J Pediatr Psychol** 1984 Dec;9(4):469-83

Parkinson's disease and dementia [letter] **Lancet** 1985 Feb 16;1(8425):407-8

How common is dementia in Parkinson's disease? Brown RG, et al. **Lancet** 1984 Dec 1;2(8414):1262-5

Unconventional slow viruses, amyloidosis, and dementias [letter] Diringer H. **Lancet** 1985 Sep 21;2(8456):661-2

Dementia after surgery for cerebellar stroke: an unrecognized complication of acute hydrocephalus? Levine DN, et al. **Neurology** 1985 Apr;35(4):568-71

Head injury as a risk factor for Alzheimer's disease. Mortimer JA, et al. **Neurology** 1985 Feb;35(2):264-7

Brain atrophy and mental deterioration. Takeda S, et al. **Sci Rep Res Inst Tohoku Univ [Med]** 1984 Oct;31(1-4):49-52

[Dementia and Parkinson's disease: biochemical and anatomo-clinical correlation] Dubois B, et al. **Rev Neurol (Paris)** 1985;141(3):184-93 (Eng. Abstr.) (Fre)

[Neurological manifestations of pellagra: description of 2 cases] Molina Arjona JA, et al. **Med Clin (Barc)** 1985 Jan 26;84(3):109-11 (Eng. Abstr.) (Spa)

FAMILIAL & GENETIC

Infantile autism and Rett's syndrome: common chromosomal denominator [letter] Gillberg C, et al. **Lancet** 1984 Nov 10;2(8411):1094-5

HISTORY

Historical note: Jules Séglas on language in dementia. Obler LK, et al. **Brain Lang** 1985 Mar;24(2):314-25

'Depressive pseudodementia' or 'Melancholic dementia': a 19th century view. Berrios GE. **J Neurol Neurosurg Psychiatry** 1985 May;48(5):393-400

IMMUNOLOGY

Immunological tests and the diagnosis of dementia in elderly women. Smith NK, et al. **Age Ageing** 1985 Mar;14(2):91-5

METABOLISM

Demential syndromes and the lipid metabolism. Clausen J. **Acta Neurol Scand** 1984 Nov;70(5):345-55

Human cerebral metabolism: studies in normal subjects and patients with dementia and amnesia. Mazziotta JC. **Ann NY Acad Sci** 1985;444:269-86

MORTALITY

Survival in Alzheimer's disease and vascular dementias. Barclay LL, et al. **Neurology** 1985 Jun;35(6):834-40

NURSING

Depression in the spouses of demented patients. Goldman LS, et al. **Am J Psychiatry** 1984 Nov;141(11):1467-8

OCCURRENCE

Psychiatric illness in residential homes for the elderly: a survey in one London borough. Mann AH, et al. **Age Ageing** 1984 Sep;13(5):257-65

Severe dementia. Prevalence and clinical features in a biracial US population. Schoenberg BS, et al. **Arch Neurol** 1985 Aug;42(8):740-3

Disappearance of high-incidence amyotrophic lateral sclerosis and parkinsonism-dementia on Guam. Garruto RM, et al. **Neurology** 1985 Feb;35(2):193-8

Prevalence of severe dementia in Finland. Sulkava R, et al. **Neurology** 1985 Jul;35(7):1025-9

PATHOLOGY

Dementia and motor neuron disease: morphometric, biochemical, and Golgi studies. Horoupian DS, et al. **Ann Neurol** 1984 Sep;16(3):305-13

Binswanger's disease: progressive subcortical encephalopathy or multi-infarct dementia? Huang K, et al. **Can J Neurol Sci** 1985 May;12(2):88-94

Diffuse type of Lewy body disease: progressive dementia with abundant cortical Lewy bodies and senile changes of varying degree—a new disease? Kosaka K, et al. **Clin Neuropathol** 1984 Sep-Oct;3(5):185-92

Caudato-pallido-nigral degeneration with cerebral atrophy: report of a case with parkinsonism and dementia. Tachibana H, et al. **Keio J Med** 1984 Sep;33(3):119-25

New form of familial Parkinson-dementia syndrome and progressive supranuclear palsy [letter] Ambrosetto P, et al. **Neurology** 1984 Nov;34(11):1524-5

Dementia without Alzheimer pathology. Heilig CW, et al. **Neurology** 1985 May;35(5):762-5

Progressive dementia, visual deficits, amyotrophy, and microinfarcts. Kaplan JG, et al. **Neurology** 1985 Jun;35(6):789-96

[Thalamic dementia] Siska E, et al. **Fortschr Neurol Psychiatr** 1985 Aug;53(8):302-11 (Eng. Abstr.) (Ger)

[Cerebral atrophy and dementia in Parkinson disease] Corthésy D, et al. **Schweiz Arch Neurol Psychiatr** 1985;136(1):75-85 (Eng. Abstr.) (Ger)

PHYSIOPATHOLOGY

And all the daughters of musick shall be brought low. Language function in the elderly. Critchley M. **Arch Neurol** 1984 Nov;41(11):1135-9

Does severity of dementia modulate response to dexamethasone in individuals with primary degenerative dementia? Pomara N, et al. **Biol Psychiatry** 1984 Oct;19(10):1481-7

Somatosensory evoked potentials in healthy volunteers and in patients with dementia. Huisman UW, et al. **Clin Neurol Neurosurg** 1985;87(1):11-6

Neurotransmitter specific alterations in dementing disorders:

insights from animal models. Coyle JT, et al. **J Psychiatr Res** 1984;18(4):501–12 (59 ref.)

Central ACTH deficit in degenerative and vascular dementia. Facchinetti F, et al. **Life Sci** 1984 Oct 15;35(16):1691–7

Rates of decrease of cerebral blood flow in progressive dementias. Barclay L, et al. **Neurology** 1984 Dec;34(12):1555–60

Left-handedness in dementia [letter] Dresler ED, et al. **Neurology** 1984 Dec;34(12):1622–3

Cerebral blood flow and mental function in dementia. Miyazaki T, et al. **Nippon Ika Daigaku Zasshi** 1985 Jun;52(3):362–4

The effects of bromvincamine and vincamine on regional cerebral blood flow and mental functions in patients with multi-infarct dementia. Hagstadius S, et al. **Psychopharmacology (Berlin)** 1984;83(4):321–6

[Regional cerebral blood flow analysis by 133Xe intraarterial injection method. A comparison with cerebral infarction and cerebrovascular dementia] Watanabe S, et al. **Radioisotopes** 1984 Dec;33(12):859–63 (Eng. Abstr.) **(Jpn)**

[Dexamethasone suppression test in dementias] Peralta Martín V, et al. **Actas Luso Esp Neurol Psiquiatr** 1985 Jan–Feb;13(1):53–6 (Eng. Abstr.) **(Spa)**

PSYCHOLOGY

Verbal perseveration of dementia patients. Bayles KA, et al. **Brain Lang** 1985 May;25(1):102–16

Comparison of verbal and nonverbal memory in elderly normal subjects and dementia patients. Omer H, et al. **Isr J Med Sci** 1985 Mar;21(3):283–7

Behavioural manifestations of third ventricular colloid cysts. Lobosky JM, et al. **J Neurol Neurosurg Psychiatry** 1984 Oct;47(10):1075–80

Parallel-form reliability of the Wechsler Memory Scale in a geriatric population with suspected dementia. Margolis RB, et al. **J Psychol** 1985 Jan;119(1):81–5

[The pattern of neuropsychologic compromise in patients with Parkinson disease] Caltagirone C, et al. **Schweiz Arch Neurol Psychiatr** 1985;136(3):7–23 (Eng. Abstr.) **(Ita)**

SURGERY

Dementia due to meningioma: outcome after surgical removal. Chee CP, et al. **Surg Neurol** 1985 Apr;23(4):414–6

THERAPY

Dementia: guidelines for improving Tx. Wlodarczyk DM. **Geriatrics** 1985 Apr;40(4):35, 39, 42–5

Alzheimer's disease and related disorders: assessment and intervention. Toseland RW, et al. **Health Soc Work** 1984 Summer;9(3):212–26 (28 ref.)

Physicians' and families' perspectives on the medical management of dementia. Glosser G, et al. **J Am Geriatr Soc** 1985 Jun;33(6):383–91

Therapies for dementia? Wiloughby J. **Med J Aust** 1985 Aug 5;143(3):102–4

DEMENTIA, MULTI-INFARCT see **DEMENTIA, SENILE**

DEMENTIA PRAECOX see **SCHIZOPHRENIA**

DEMENTIA, PRESENILE

CEREBROSPINAL FLUID

Somatostatin-like immunoreactivity in lumbar cerebrospinal fluid from neurohistologically examined demented patients. Francis PT, et al. **Neurobiol Aging** 1984 Fall;5(3):183–6

CHEMICALLY INDUCED

[Blowpipe cutting and dementia] Hansen NS. **Ugeskr Laeger** 1984 Sep 19;146(38):2906–7 (Eng. Abstr.) **(Dan)**

COMPLICATIONS

Depression in Binswanger's encephalopathy responsive to tranylcypromine: case report. Summergrad P. **J Clin Psychiatry** 1985 Feb;46(2):69–70

Premature senility in Down's syndrome [letter] St Clair D, et al. **Lancet** 1985 Jul 6;2(8445):34

[A case of Pick's disease associated with marked degeneration of the basal ganglia] Suzuki S, et al. **Seishin Shinkeigaku Zasshi** 1984;86(8):631–45 **(Jpn)**

DIAGNOSIS

[Clinical and cisternographic differential diagnosis between presenile dementia and Hakim syndrome] Kulczycki J, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Nov;36(11):674–7 (Eng. Abstr.) **(Ger)**

[Elderly patients with dementia] Riisøen H, et al. **Tidsskr Nor Laegeforen** 1985 Feb 20;105(5):347–50 (Eng. Abstr.) **(Nor)**

[Clinico-tomographic comparisons in senile dementia] Kontsevoi VA, et al. **Vestn Akad Med Nauk SSSR** 1985;(4):86–91 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

Hereditary dysphasic dementia and the Pick-Alzheimer spectrum. Morris JC, et al. **Ann Neurol** 1984 Oct;16(4):455–66

Familial occurrence of amyotrophic lateral sclerosis, parkinsonism, and dementia. Schmitt HP, et al. **Ann Neurol** 1984 Dec;16(6):642–8

[Alzheimer's presenile dementia transmitted in an extended kindred] Foncin JF, et al. **Rev Neurol (Paris)** 1985;141(3):194–202 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

Sharing of specific antigens by degenerating neurons in Pick's disease and Alzheimer's disease. Rasool CG, et al. **N Engl J Med** 1985 Mar 14;312(11):700–5

PATHOLOGY

An ultrastructural study of Pick bodies. Takauchi S, et al. **Acta Neuropathol (Berl)** 1984;64(4):344–8

Classic and generalized variants of Pick's disease: a clinicopathological, ultrastructural, and immunocytochemical comparative study. Munoz-Garcia D, et al. **Ann Neurol** 1984 Oct;16(4):467–80

Presenile dementia with motor neuron disease in Japan: clinico-pathological review of 26 cases. Mitsuyama Y. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):953–9

Neuronal filaments in Alzheimer's, Pick's, and Parkinson's diseases [letter] Kahn J, et al. **N Engl J Med** 1985 Aug 22;313(8):520–1

[Immunocytochemistry of Pick's argentophilic bodies: evidence for the involvement of high molecular weight microtubule-associated proteins (HMWP) before the appearance of tubulin] Murayama S, et al. **Rinsho Shinkeigaku** 1985 Jan;25(1):80–7 (Eng. Abstr.) **(Jpn)**

[Various quantitative characteristics of the pathoarchitectonics of the cerebral cortex in Pick disease and Alzheimer disease] Preobrazhenskaia NS. **Zh Nevropatol Psikhiatr** 1985;85(7):969–73 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Cerebral blood flow in dementias. Risberg J. **Dan Med Bull** 1985 Feb;32 Suppl 1:48–51

Effects of distraction on the contingent negative variation in presenile dementia and normal subjects. Rizzo PA, et al. **Neuropsychobiology** 1984;12(2–3):112–4

[Degenerative aphasia] Assal G, et al. **Rev Neurol (Paris)** 1985;141(3):245–7 (Eng. Abstr.) **(Fre)**

PSYCHOLOGY

The dissolution of language in Pick's disease with neurofibrillary tangles: a case study. Holland AL, et al. **Brain Lang** 1985 Jan;24(1):36–58

RADIOGRAPHY

Ventricular size in patients with presenile dementia of the Alzheimer's type. Albert M, et al. **Arch Neurol** 1984 Dec;41(12):1258–63

Computed tomography in Pick's disease. Tobo M, et al. **Folia Psychiatr Neurol Jpn** 1984;38(2):137–41

[A comparative study of Alzheimer's disease and Pick's disease by CT] Ichimiya Y, et al. **Seishin Shinkeigaku Zasshi** 1984;86(11):879–96 (Eng. Abstr.) **(Jpn)**

[A computed tomography study of Pick's disease] Kobayashi K, et al. **Seishin Shinkeigaku Zasshi** 1984;86(6):401–16 (Eng. Abstr.) **(Jpn)**

DEMENTIA, PRIMARY DEGENERATIVE, PRESENILE see **DEMENTIA, PRESENILE**

DEMENTIA, PRIMARY DEGENERATIVE, SENILE see **DEMENTIA, SENILE**

DEMENTIA, SENILE

Senile dementia: public policy and adequate institutional care. Brody EM, et al. **Am J Public Health** 1984 Dec;74(12):1381–3

Alzheimer's disease. Senile dementia of Alzheimer's type. Aging of the brain. **Dan Med Bull** 1985 Feb;32 Suppl 1:1–111

Syphilis in the elderly [letter] Luke EA Jr. **JAMA** 1985 Oct 4;254(13):1722–3

Animal models of infantile amnesia, benign senescent forgetfulness, and senile dementia. Campbell BA, et al. **Neurobehav Toxicol Teratol** 1984 Nov–Dec;6(6):467–71

[Compulsory institutionalization of patients with senile dementia] Kramp P. **Ugeskr Laeger** 1984 Aug 27;146(35):2631–4 **(Dan)**

[Psychiatry in primary health care: Senile dementia in primary health care—definitions, epidemiology, diagnosis, therapeutic aspects] Dehlin O. **Lakartidningen** 1985 Apr 3;82(14):1253–8 **(Swe)**

BLOOD

Circadian rhythms of blood components in dementia senilis. de Nicola P, et al. **Folia Haematol (Leipz)** 1984;111(6):782–7

CEREBROSPINAL FLUID

Cerebrospinal fluid levels of angiotensin-converting enzyme in Alzheimer's disease, Parkinson's disease and progressive supranuclear palsy. Zubenko GS, et al. **Brain Res** 1985 Mar 4;328(2):215–21

Somatostatin-like immunoreactivity in lumbar cerebrospinal fluid from neurohistologically examined demented patients. Francis PT, et al. **Neurobiol Aging** 1984 Fall;5(3):183–6

CSF somatostatin in Alzheimer's disease. Serby M, et al. **Neurobiol Aging** 1984 Fall;5(3):187–9

CSF beta-endorphin and beta-lipotropin in Alzheimer's disease and multi-infarct dementia. Sulkava R, et al. **Neurology** 1985 Jul;35(7):1057–8

COMPLICATIONS

The use of lithium in severely demented patients with behavioural disturbance [letter] Holton A, et al. **Br J Psychiatry** 1985 Jan;146:99–100

Language in dementia [letter] Kuttner RE. **Br J Psychiatry** 1985 Feb;146:211–2

Efficacy of antipsychotics in the treatment of the behavioral complications of dementia: a review of the literature. Helms PM. **J Am Geriatr Soc** 1985 Mar;33(3):206–9 (27 ref.)

Prevalence and significance of cardiovascular disease and hypertension in elderly patients with dementia and depression. Tresch DD, et al. **J Am Geriatr Soc** 1985 Aug;33(8):530–7

Foreign bodies and dementia. Robinson AC, et al. **J Laryngol Otol** 1985 Jun;99(6):609–10

[Loss of neurons in the nucleus basalis of Meynert in Parkinson disease with dementia, 'diffuse Lewy body disease' and senile dementia of Alzheimer type] Yoshimura M, et al. **Nippon Ronen Igakkai Zasshi** 1984 Nov;21(6):580–7 (Eng. Abstr.) **(Jpn)**

[Effect of aging and senile dementia on the course of schizophrenia] Bukatina EE. **Zh Nevropatol Psikhiatr** 1984;84(9):1345–50 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Use of the mental function index in older adults. Reliability, validity, and measurement of change over time. Pfeffer RI, et al. **Am J Epidemiol** 1984 Dec;120(6):922–35

Difficulties in assessing dementia [letter] La Puma JJ. **Ann Intern Med** 1985 Sep;103(3):470

The dexamethasone suppression test in elderly, non-depressed patients with dementia. Galletly CA, et al. **Aust NZ J Psychiatry** 1985 Mar;19(1):95–6

The concurrent validity of the survey version of the Clifton Assessment Procedures for the Elderly (CAPE). McPherson FM, et al. **Br J Clin Psychol** 1985 May;24 (Pt 2):83–91

Nuclear magnetic resonance (NMR). II. Imaging in dementia. Besson JA, et al. **Br J Psychiatry** 1985 Jan;146:31–5

Clinical use of the DST in a psychogeriatric population. McKeith IG. **Br J Psychiatry** 1984 Oct;145:389–93

On the value of P300 event-related potentials in the differential diagnosis of dementia. Slaets JP, et al. **Br J Psychiatry** 1984 Dec;145:652–6

Differential diagnosis with special reference to treatable dementias and pseudodementia conditions. Gustafson L. **Dan Med Bull** 1985 Feb;32 Suppl 1:55–60

Visual evoked potentials (VEPs) in senile dementia (Alzheimer type) and in non-organic behavioural disorders in the elderly; comparison with EEG parameters. Visser SL, et al. **Electroencephalogr Clin Neurophysiol** 1985 Feb;60(2):115–21

Elderly patient's confusion confounds diagnosis and treatment of depression. Frances A, et al. **Hosp Community Psychiatry** 1984 Nov;35(11):1091–3

The psychiatric consultant's approach to elderly fallers. Nickens H. **Hosp Community Psychiatry** 1984 Dec;35(12):1190–1, 1248

Dementia. Haugland SM, et al. **Iowa Med** 1985 Mar;75(3):111–4

The dexamethasone suppression test and depressive signs in dementia. Katona CL, et al. **J Affective Disord** 1985 Jan–Feb;8(1):83–9

'I don't know' responses in elderly depressives and in dementia. Young RC, et al. **J Am Geriatr Soc** 1985 Apr;33(4):253–7

Classification of dementia patients by a WAIS profile related to central cholinergic deficiencies. Brinkman SD, et al. **J Clin Neuropsychol** 1984 Nov;6(4):393–400

Variations in the reported age of a patient: a source of bias in the diagnosis of depression and dementia. Perlick D, et al. **J Consult Clin Psychol** 1984 Oct;52(5):812–20

Short-latency somatosensory evoked potentials in degenerative and vascular dementia. Abbruzzese G, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):1034–7

Examining the relationship between computed tomography and neuropsychological measures in normal and demented elderly. Eslinger PJ, et al. **J Neurol Neurosurg Psychiatry** 1984 Dec;47(12):1319–25

Neuropsychologic detection of abnormal mental decline in older persons. Eslinger PJ, et al. **JAMA** 1985 Feb 1;253(5):670–4

HDL-cholesterol in dementia [letter] **Lancet** 1985 Jul 6;2(8445):43

Vascular disease, senility, and dementia [editorial] **Lancet** 1984 Dec 8;2(8415):1310–2

Alzheimer's disease and multi-infarct dementia [letter]

Mahendra B. **Lancet** 1985 Jan 26;1(8422):228-9

High-density lipoprotein cholesterol in differential diagnosis of senile dementia. Muckle TJ, et al. **Lancet** 1985 May 25; 1(8439):1191-3

Multi-infarct dementia. Hachinski V. **Neurol Clin** 1983 Feb; 1(1):27-36

Differential diagnosis between dementia and depression in the elderly. Winstead DK, et al. **Neurol Clin** 1984 Feb; 2(1):23-35

Clinical aspects of dementia syndrome. Heimann H. **Pharmacopsychiatry** 1985 Jan;18(1):2-5

Altered mental status in the elderly. Miller BL, et al. **Primary Care** 1984 Dec;11(4):653-65

Proton NMR parameters and dementia. Besson J, et al. **Prog Nucl Med** 1984;8:94-9

Relationship between the WAIS-R and the WRAT in a geriatric sample with suspected dementia. Margolis RB, et al. **Psychol Rep** 1985 Feb;56(1):287-92

Assessment of memory loss. Albert M. **Psychosomatics** 1984 Dec;25(12 Suppl):18-22

Memory loss and affective disorders. Klerman GL, et al. **Psychosomatics** 1984 Dec;25(12 Suppl):29-35

Progressive supranuclear palsy presenting as pseudodementia. Sadler JZ, et al. **Psychosomatics** 1984 Sep;25(9):713-4

CT-CBF correlations of cognitive deficits in multi-infarct dementia. Kitagawa Y, et al. **Stroke** 1984 Nov-Dec; 15(6):1000-9

[Application of the BOP (an evaluation scale for older patients) in a psychiatric hospital. A clinical study] Baas MM, et al. **Tijdschr Gerontol Geriatr** 1984 Oct; 15(5):197-201 (Eng. Abstr.) (Dut)

[Neuropsychological tests in the diagnosis of dementia] De Mol J. **Acta Psychiatr Belg** 1984 May-Jun;84(3):185-206 (65 ref.) (Eng. Abstr.) (Fre)

[Use of the labyrinth test in gerontologic functional diagnosis] Pöthig D, et al. **ZFA** 1985 Jan-Feb;40(1):23-8 (Eng. Abstr.) (Ger)

[Elderly patients with dementia] Riisøen H, et al. **Tidsskr Nor Laegeforen** 1985 Feb 20;105(5):347-50 (Eng. Abstr.) (Nor)

[Clinico-tomographic comparisons in senile dementia] Kontsevoi VA, et al. **Vestn Akad Med Nauk SSSR** 1985; (4):86-91 (Eng. Abstr.) (Rus)

[Muli-infarct dementia] Shefer VF. **Zh Nevropatol Psikhiatr** 1985;85(7):976-9 (Eng. Abstr.) (Rus)

[Clinical views on the diagnoses of Alzheimer's disease and multi-infarct dementia] Adolfsson R, et al. **Lakartidningen** 1984 Oct 24;81(43):3919-24 (Swe)

DRUG THERAPY

A double-blind comparison of alaproclate and placebo in the treatment of patients with senile dementia. Dehlin O, et al. **Acta Psychiatr Scand** 1985 Feb;71(2):190-6

Lack of effect of tryptophan treatment in demented gerontopsychiatric patients. A double-blind, crossover-controlled study. Smith DF, et al. **Acta Psychiatr Scand** 1984 Nov;70(5):470-7

Haemorheological pattern in initial mental deterioration: results of a long-term study using piracetam and pentoxifylline. Parnetti L, et al. **Arch Gerontol Geriatr** 1985 Jul;4(2):141-55

Comparative randomized study of cerebral blood flow after long-term administration of pentoxifylline and co-dergocrine mesylate in patients with chronic cerebrovascular disease. Hartmann A. **Curr Med Res Opin** 1985;9(7):475-9

The drug treatment of senile dementia. **Drug Ther Bull** 1984 Dec 17;22(25):98-100

Effects of naloxone in treatment of senile dementia [letter] Steiger WA, et al. **J Am Geriatr Soc** 1985 Feb;33(2):155

The treatment of senile dementia associated with cerebrovascular insufficiency: a comparative study of buflomedil and dihydrogenated ergot alkaloids. Jansen W, et al. **J Int Med Res** 1985;13(1):48-53

Psychosis-like absence status of elderly patients: successful treatment with sodium valproate. Iivanainen M, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):965-9

Effects of aniracetam, a nootropic drug, in senile dementia—a preliminary report. Mizuki Y, et al. **Kurume Med J** 1984; 31(2):135-43

Minaprine for senile dementia [letter] Passeri M, et al. **Lancet** 1985 Apr 6;1(8432):824

Stimulants in senility: a neglected therapeutic option? Loew DM. **Pharmacopsychiatry** 1984 Nov;17(6):177

Clinical trials with the cholinergic drug RS 86 in Alzheimer's disease (AD) and senile dementia of the Alzheimer type (SDAT). Wettstein A, et al. **Psychopharmacology (Berlin)** 1984;84(4):572-3

Effect of buflomedil on behaviour, memory, and intellectual capacity in patients with dementia. A placebo-controlled study. Levinson B, et al. **S Afr Med J** 1985 Aug 31; 68(5):302-7

[Psychopharmacologic treatment of cognitive function disorders in aging persons: current possibilities] Jolles J, et al. **Tijdschr Gerontol Geriatr** 1984 Aug;15(4):139-50 (97 ref.) (Eng. Abstr.) (Dut)

[Nicergoline and cerebral performance insufficiency. Observations in 1 year treatment controls] Kugler J, et al. **Fortschr Med** 1984 Nov 15;102(42):1091-6 (Eng. Abstr.) (Ger)

[Demonstration of bencyclane effects in a clinico-pharmacologic vigilance model] Herrmann WM, et al. **Z Gerontol** 1984 Sep-Oct;17(5):261-70 (Eng. Abstr.) (Ger)

[Pharmacokinetics of naftidrofuryl in multimorbidity in geriatric patients] Platt D, et al. **Z Gerontol** 1984 Sep-Oct; 17(5):246-50 (Eng. Abstr.) (Ger)

[Functional improvement of the aging brain: placebo controlled pharmaco-EEG and psychometric studies with a metabolically active hemoderivative (Actovegin)] Saletu B, et al. **Z Gerontol** 1984 Sep-Oct;17(5):271-9 (Eng. Abstr.) (Ger)

ENZYMOLOGY

Memory function and brain biochemistry in normal aging and in senile dementia. Winblad B, et al. **Ann NY Acad Sci** 1985;444:255-68

Superoxide dismutase isoenzymes in normal brains and in brains from patients with dementia of Alzheimer type. Marklund SL, et al. **J Neurol Sci** 1985 Mar;67(3):319-25

CSF acetylcholinesterase in dementia and in sequential samples of lumbar CSF. Lal S, et al. **Neurobiol Aging** 1984 Winter;5(4):269-74

Alzheimer dementia and reduced nicotinamide adenine dinucleotide (NADH)-diaphorase activity in senile plaques and the basal forebrain. Jacobs RW, et al. **Neurosci Lett** 1985 Jan 7;53(1):39-44

[Electron-cytochemical study of microglia in Alzheimer's disease and senile dementia] Vostrikov VM. **Zh Nevropatol Psikhiatr** 1985;85(7):974-6 (Eng. Abstr.) (Rus)

ETIOLOGY

Dietary vitamin B12 deficiency [letter] Rawlinson F, et al. **Br J Psychiatry** 1984 Dec;145:671

Senile dementia and hydrocephalus due to carotid dolichoectasia. Huang C, et al. **Clin Exp Neurol** 1983; 19:171-6

Cerebrovascular disease in dementia: the importance of atrial fibrillation. Ratcliffe PJ, et al. **Postgrad Med J** 1985 Mar; 61(713):201-4

[Neoplastic angioendotheliosis] Mannen T. **Nippon Ronen Igakkai Zasshi** 1985 Mar;22(2):126-30 (Eng. Abstr.) (Jpn)

[Senile dementia: arteriosclerosis or Alzheimer disease?] Tolosa E, et al. **Med Clin (Barc)** 1984 Jun 30;83(5):195-6 (Spa)

[Arachnoid cysts and dementia in the aged] Clavel Escribano M, et al. **Rev Clin Esp** 1985 Feb;176(3):144-8 (Eng. Abstr.) (Spa)

FAMILIAL & GENETIC

Hereditary dysphasic dementia and the Pick-Alzheimer spectrum. Morris JC, et al. **Ann Neurol** 1984 Oct; 16(4):455-66

Haptoglobin groups in dementia of Alzheimer type and multi-infarct dementia. Fröhlander N, et al. **Hum Hered** 1985;35(1):25-9

IMMUNOLOGY

Alzheimer's disease and senile brains: an immunofluorescence study. Licandro A, et al. **Riv Patol Nerv Ment** 1983 Mar-Apr;104(2):75-87

METABOLISM

Brain muscarinic receptors in senile dementia. Rinne JO, et al. **Brain Res** 1985 Jun 10;336(1):19-25

Neurotransmitters in dementia. Nakamura S, et al. **Clin Ther** 1984;7 Spec No:18-34

Studies on neurotransmitter binding in senile dementia. Comparison of Alzheimer's and mixed vascular-Alzheimer's dementias. Jenni-Eiermann S, et al. **Gerontology** 1984;30(6):350-8

Synapsin I (protein I) in different brain regions in senile dementia of Alzheimer type and in multi-infarct dementia. Perdahl E, et al. **J Neural Transm** 1984;60(2):133-41

Cortical vasoactive intestinal peptide in relation to dementia in Parkinson's disease [letter] Jegou S, et al. **J Neurol Neurosurg Psychiatry** 1985 Aug;48(8):842-3

Activation of vasopressin neurons in the human supraoptic and paraventricular nucleus in senescence and senile dementia. Hoogendijk JE, et al. **J Neurol Sci** 1985 Jul; 69(3):291-9

The integrity of the blood-brain barrier in Alzheimer's type and multi-infarct dementia evaluated by the study of albumin and IgG in serum and cerebrospinal fluid. Leonardi A, et al. **J Neurol Sci** 1985 Feb;67(2):253-61

Somatostatin and vasoactive intestinal polypeptide in postmortem brains from patients with Alzheimer-type dementia. Arai H, et al. **Neurosci Lett** 1984 Nov 23; 52(1-2):73-8

Striatal dopamine receptors in Alzheimer-type dementia. Cross AJ, et al. **Neurosci Lett** 1984 Nov 23;52(1-2):1-6

Choline production from choline-containing phospholipids: a hypothetical role in Alzheimer's disease and aging. Maire JC, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):637-42

Alzheimer's disease and senile dementia: biochemical characteristics and aspects of treatment. Gottfries CG. **Psychopharmacology (Berlin)** 1985;86(3):245-52 (56 ref.)

Patterns of cerebral glucose utilization in depression, multiple infarct dementia, and Alzheimer's disease. Kuhl DE, et al. **Res Publ Assoc Res Nerv Ment Dis** 1985;63:211-26

[Dementia and neurotransmitters] Ishii T. **Nippon Rinsho** 1984 Apr;42(4):902-6 (32 ref.) (Jpn)

MORTALITY

Survival in Alzheimer's disease and vascular dementias. Barclay LL, et al. **Neurology** 1985 Jun;35(6):834-40

[A retrospective study of duration of illness in a group of nursing home patients with a dementia syndrome] van Houte LR, et al. **Tijdschr Gerontol Geriatr** 1984 Dec; 15(6):239-44 (Eng. Abstr.) (Dut)

NURSING

Day care for dementia patients: an analysis of a four-year program. Panella JJ Jr, et al. **J Am Geriatr Soc** 1984 Dec; 32(12):883-6

Feeding the demented elderly [letter] **N Engl J Med** 1984 Nov 22;311(21):1383-4

OCCURRENCE

Incidence of severe dementia in an urban sample followed from 70 to 79 years of age. Nilsson LV. **Acta Psychiatr Scand** 1984 Nov;70(5):478-86

Epidemiological aspects of dementia and considerations in planning services. Bergmann K. **Dan Med Bull** 1985 Feb; 32 Suppl 1:84-91

[Senile dementia. An underdiagnosed condition? Consequences influencing the situation in somatic nursing homes] Nygaard HA. **Tidsskr Nor Laegeforen** 1985 Feb 20;105(5):351-2 (Eng. Abstr.) (Nor)

[Elderly patients with dementia] Riisøen H, et al. **Tidsskr Nor Laegeforen** 1985 Feb 20;105(5):345-7 (Eng. Abstr.) (Nor)

PATHOLOGY

Perivascular deposits of serum proteins in cerebral cortex in vascular dementia. Alafuzoff I, et al. **Acta Neuropathol (Berl)** 1985;66(4):292-98

Morphology and distribution of Alzheimer neuritic (senile) and amyloid plaques in striatum and diencephalon. Rudelli RD, et al. **Acta Neuropathol (Berl)** 1984;64(4):273-81

Alzheimer changes in nondemented patients younger than sixty-five: possible early stages of Alzheimer's disease and senile dementia of Alzheimer type. Ulrich J. **Ann Neurol** 1985 Mar;17(3):273-7

Binswanger's disease: progressive subcortical encephalopathy or multi-infarct dementia? Huang K, et al. **Can J Neurol Sci** 1985 May;12(2):88-94

Monoaminergic neurotransmitter systems in presenile Alzheimer's disease and in senile dementia of Alzheimer type. Mann DM, et al. **Clin Neuropathol** 1984 Sep-Oct; 3(5):199-205

The variable topography of Alzheimer type changes in senile dementia and normal old age. Ulrich J, et al. **Gerontology** 1984;30(4):210-4

Some morphometric observations on the cerebral cortex and hippocampus in presenile Alzheimer's disease, senile dementia of Alzheimer type and Down's syndrome in middle age. Mann DM, et al. **J Neurol Sci** 1985 Jul; 69(3):139-59

The identity of lacunar dementia and Binswanger disease. Román GC. **Med Hypotheses** 1985 Apr;16(4):389-91

Myelin in the senile rat brain. Preliminary report. Iwanowski L. **Neuropatol Pol** 1984;22(2):219-23

Neuropathology of memory disorders. Benson DF. **Psychosomatics** 1984 Dec;25(12 Suppl):12-7

[Senile dementia—recent developments (editorial)] Wertman E, et al. **Harefuah** 1984 Jul;107(1-2):39-42 (Heb)

[An autopsy case of diffuse Lewy body disease] Okamoto K, et al. **Rinsho Shinkeigaku** 1984 Oct;24(10):975-83 (Eng. Abstr.) (Jpn)

PHYSIOPATHOLOGY

Non invasive study of carotid arteries by echo-doppler and metabolic abnormalities in patients with dementia. Postiglione A, et al. **Angiology** 1985 Mar;36(3):160-4

Does severity of dementia modulate response to dexamethasone in individuals with primary degenerative dementia? Pomara N, et al. **Biol Psychiatry** 1984 Oct; 19(10):1481-7

Cerebral blood flow in dementias. Risberg J. **Dan Med Bull** 1985 Feb;32 Suppl 1:48-51

Drug-induced repetitive sharp EEG discharges in multi-infarct dementia. van Sweden B. **Gerontology** 1984; 30(6):397-402

Dementia in Parkinson's disease: possible specific involvement of the frontal lobes. Caltagirone C, et al. **Int J Neurosci** 1985 Apr;26(1-2):15-26

Cerebral blood flow and metabolism in normal human aging, pathological aging, and senile dementia. Dastur DK. **J Cereb Blood Flow Metab** 1985 Mar;5(1):1-9

Forty Hertz EEG activity in dementia of the Alzheimer type and multi-infarct dementia. Loring DW, et al. **Psychophysiology** 1985 Jan;22(1):116-21

[Vertical gaze paralysis and thalamic dementia. Syndrome of the posterior thalamo-subthalamic paramedian artery] Kömpf D, et al. **Nervenarzt** 1984 Dec;55(12):625-36 (Ger)

PSYCHOLOGY

Intrusions and perseverations. Shindler AG, et al. **Brain Lang** 1984 Sep;23(1):148–58
Selective reminding in normal and demented aged people: auditory verbal versus visual spatial task. Muramoto O. **Cortex** 1984 Dec;20(4):461–78
Behavior of patients with dementia. Haugen PK. **Dan Med Bull** 1985 Feb;32 Suppl 1:62–5
Psychological evaluation in dementia and depression. Johansen AM, et al. **Dan Med Bull** 1985 Feb;32 Suppl 1:60–2
The case of Mary Hier: when substituted judgment becomes sleight of hand. Annas GJ. **Hastings Cent Rep** 1984 Aug;14(4):23–5
Olfaction in dementia [letter] Serby M, et al. **J Neurol Neurosurg Psychiatry** 1985 Aug;48(8):848–9
Behavioral manifestations of third ventricular colloid cysts [letter] Winer RL. **J Neurol Neurosurg Psychiatry** 1985 Aug;48(8):847
Vascular disease, senility, and dementia [letter] **Lancet** 1985 Jan 19;1(8421):173–4
Effects of aging and dementia upon recent visuospatial memory. Flicker C, et al. **Neurobiol Aging** 1984 Winter;5(4):275–83
Satz-Mogel short form of WAIS with older psychiatric patients. Hyer LA, et al. **Psychol Rep** 1984 Dec;55(3):895–8
[Test-retest reliability of category-bound word production in psychogeriatrics] Diesfeldt HF. **Tijdschr Gerontol Geriatr** 1985 Feb;16(1):17–20 (Eng. Abstr.) (Dut)
[Ecologic validity of gerontopsychologic memory research] Heineken E. **Z Gerontol** 1984 Sep–Oct;17(5):285–93 (Eng. Abstr.) (Ger)
[Stressors as the cause of gerontopsychiatric diseases] Oesterreich K. **Z Gerontol** 1984 Jul–Aug;17(4):181–5 (Eng. Abstr.) (Ger)
[Terminal decline—a problematic construct? A study of persons in their 80's and 90's] Schmitz-Scherzer R. **Z Gerontol** 1984 Nov–Dec;17(6):381–2 (Eng. Abstr.) (Ger)
[Psychiatry of the aged, with special reference to symptomatology of dementia] Harada K. **Seishin Shinkeigaku Zasshi** 1984;86(12):962–8 (Jpn)

RADIOGRAPHY

CT density numbers in patients with senile dementia of the Alzheimer's type. Albert M, et al. **Arch Neurol** 1984 Dec;41(12):1264–9
[Ventricular size and cortical atrophy in normal elderly volunteers and demented patients: a CT study] Chiba K, et al. **Rinsho Hoshasen** 1985 Jan;30(1):1–10 (60 ref.) (Eng. Abstr.) (Jpn)

RADIONUCLIDE IMAGING

Determinations of cerebral glucose utilization in dementia using positron emission tomography. Kuhl DE, et al. **Dan Med Bull** 1985 Feb;32 Suppl 1:51–5
Variability of cerebral blood flow defects in Alzheimer's disease on 123iodo-isopropyl-amphetamine and single photon emission tomography. Derouesne C, et al. **Lancet** 1985 Jun 1;1(8440):1282

REHABILITATION

Memory aids in reality orientation: a single-case study. Hanley IG, et al. **Behav Res Ther** 1984;22(6):709–12
[Rehabilitation and the pathology of dementia] Ylieff M, et al. **Acta Psychiatr Belg** 1984 Sep–Oct;84(5):411–24 (Eng. Abstr.) (Fre)
[Psychotherapeutic-rehabilitative aspects in the guidance of psycho-organic patients in the 2d half of life within the scope of a psychiatric admission clinic] Nitzsche M. **Z Gesamte Hyg** 1984 Oct;30(10):571–2 (Eng. Abstr.) (Ger)

THERAPY

The nursing home resident with dementia. Clinical care, ethics, and policy implications. Rango N. **Ann Intern Med** 1985 Jun;102(6):835–41
Dissociation of motor response from mood and cognition in a parkinsonian patient treated with ECT. Young RC, et al. **Biol Psychiatry** 1985 May;20(5):566–9
Reality orientation: full circle. Folsom GS. **Bull NY Acad Med** 1985 May;61(4):343–50
Electroconvulsive therapy and the elderly. Burke WJ, et al. **Compr Psychiatry** 1985 Sep–Oct;26(5):480–6
The general practitioner and the dementia patient. Almind G. **Dan Med Bull** 1985 Feb;32 Suppl 1:65–7
Education in dementia for the caring professions. Kellett JM. **Dan Med Bull** 1985 Feb;32 Suppl 1:67–71
Dementia and the family. Rabins PV. **Dan Med Bull** 1985 Feb;32 Suppl 1:81–3
Some strategies for tackling the problems of senile dementia and related disorders within the next decade. Roth M. **Dan Med Bull** 1985 Feb;32 Suppl 1:92–111
Alzheimer's disease. Is it worth treating? Hollister LE. **Drugs** 1985 Jun;29(6):483–8
Patterns of mental health care for the elderly. A cohort study in a Dutch register area. Giel R, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(3):166–71
Conflicts and complexity in inpatient geropsychiatry. Marin RS, et al. **Gen Hosp Psychiatry** 1985 Jan;7(1):83–91
Predicting the outcome of psychogeriatric day care. Gilleard CJ. **Gerontologist** 1985 Jun;25(3):280–5
Participants' evaluation of educational/support groups for families of patients with Alzheimer's disease and other dementias. Glosser G, et al. **Gerontologist** 1985 Jun;25(3):232–6
The impact of psychogeriatric day care on the patient's supporting relatives. Gilleard CJ. **Health Bull (Edinb)** 1985 Jul;43(4):199–205
A senior citizens center and a geriatric transitional house at a state psychiatric hospital. Ettlinger R, et al. **Hosp Community Psychiatry** 1984 Oct;35(10):1029–33
Day care for demented clients. Mace N. **Hosp Community Psychiatry** 1984 Oct;35(10):979–80, 994
A geriatric nutrition program designed to improve independence in feeding. Nangeroni J, et al. **Hosp Community Psychiatry** 1985 Jun;36(6):666–7
The evaluation of an environmental remodeling program on a psychiatric geriatric ward. Stahler GJ, et al. **J Soc Psychol** 1984 Jun;123(1ST Half):101–13
Disturbed behaviour in old age [editorial] Prinsley DM. **Med J Aust** 1985 Sep 16;143(6):228–9
Home and away: the disposition of mentally ill old people in an urban population. Cooper B. **Soc Psychiatry** 1984;19(4):187–96
The geriatric worker in a community-based out-patient geropsychiatry clinic: a conceptual model. McCelland G. **Soc Work Health Care** 1984 Winter;10(2):93–104
[Psychogeriatric hospitalization] Gyselynck-Mambourg AM, et al. **Acta Psychiatr Belg** 1984 Sep–Oct;84(5):402–10 (Eng. Abstr.) (Fre)
[Gerontopsychiatry in Heidelberg: documentation] Oesterreich K, et al. **Z Gerontol** 1984 Nov–Dec;17(6):373–80 (Eng. Abstr.) (Ger)
[Status of day care treatment of elderly psychiatric patients in West Germany and West Berlin] Steinhart I, et al. **Z Gerontol** 1984 Nov–Dec;17(6):367–72 (Eng. Abstr.) (Ger)
[Psychiatry in primary health care: care of patients with senile dementia in a primary health care area] Haglund G, et al. **Lakartidningen** 1985 May 8;82(19):1760–3 (Swe)

N-DEMETHYLASES see **OXIDOREDUCTASES, N-DEMETHYLATING**

DEMETHYLCHLORTETRACYCLINE

DIAGNOSTIC USE

Relationship between toluidine blue-stained calcification fronts and tetracycline-labeled surfaces in normal human iliac crest biopsies. Compston JE, et al. **Calcif Tissue Int** 1985 Jan;37(1):32–5

PHARMACODYNAMICS

Studies on photohemolysis with special reference to demethylchlortetracycline. Bjellerup M, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):378–83
Demeclocycline-induced natriuresis and renal insufficiency: in vivo and in vitro studies. Braden GL, et al. **Am J Kidney Dis** 1985 May;5(5):270–7
Effect of demeclocycline on the renal tubule of patients with cirrhosis of the liver. Satta A, et al. **Panminerva Med** 1984 Oct–Dec;26(4):273–8
[Action spectra and morphological changes of L-929 cells in phototoxic reactions by photosensitizers] Numata T. **Nippon Hifuka Gakkai Zasshi** 1984 Oct;94(11):1265–76 (Jpn)

THERAPEUTIC USE

Intraoral comparison of calcium hydroxide (Calnex) alone and in combination with Ledermix in first permanent mandibular molars using two direct inspection criteria. Santini AH. **J Dent** 1985 Mar;13(1):52–9

TOXICITY

Mechanism of tetracycline phototoxicity [letter] Lim HW, et al. **J Invest Dermatol** 1985 Apr;84(4):286

DEMETHYLDIAZEPAM see under **DIAZEPAM**

DEMOCRACY

Survival of the fittest? The democratization of hospital administration in Quebec. Eakin JM. **Int J Health Serv** 1984;14(3):397–412

DEMOGRAPHY

Demography of the Juang tribal population of Orissa. Ray AK, et al. **Am J Phys Anthropol** 1984 Dec;65(4):387–93
Demographic factors associated with dialysis technique failures among patients undergoing continuous ambulatory peritoneal dialysis. Rubin J, et al. **Arch Intern Med** 1985 Jun;145(6):1041–4
Demographic analysis: a marketing must. Share SH, et al. **Conn Med** 1985 May;49(5):302–8
Averaging population density. Craig J. **Demography** 1984 Aug;21(3):405–12
Changes in widowhood and divorce and expected durations of marriage. Goldman N. **Demography** 1984 Aug;21(3):297–307
Evaluating the demographic impact of societal events through intervention analysis: the Brown vs. Board of Education decision. Hogan TD. **Demography** 1984 Nov;21(4):673–82
Decomposition of the difference between two rates with hierarchical factors. Kim YJ, et al. **Demography** 1984 Aug;21(3):361–72
An assessment of the accuracy of a regional economic-demographic projection model. Murdock SH, et al. **Demography** 1984 Aug;21(3):383–404
Use of surnames in ethnic research: the case of Kims in the Korean-American population. Shin EH, et al. **Demography** 1984 Aug;21(3):347–60
Improving the measurement of temporal change in regression models used for county population estimates. Swanson DA, et al. **Demography** 1984 Aug;21(3):373–81
Migration and redistribution of the elderly: a challenge to community services. Bryant ES, et al. **Gerontologist** 1984 Dec;24(6):634–40 (49 ref.)
Geographical research and gerontology: an overview. Rudzitis G. **Gerontologist** 1984 Oct;24(5):536–42 (65 ref.)
Analysis of covariance as a remedy for demographic mismatch of research subject groups: some sobering simulations. Adams KM, et al. **J Clin Exp Neuropsychol** 1985 Aug;7(4):445–62
Use of demographic variables to predict full scale IQ: a replication and extension. Karzmark P, et al. **J Clin Exp Neuropsychol** 1985 Aug;7(4):412–20
The implications of demographic changes on resource allocation. Andrews K, et al. **J R Coll Physicians Lond** 1985 Apr;19(2):109–11
Trends in Moslem fertility and the application of the demographic transition model. Nagi MH. **Soc Biol** 1983 Fall;30(3):245–62
Geographic distribution and demographic correlates of colorectal cancer mortality in Sydney, New South Wales. Dent O, et al. **Soc Sci Med** 1984;19(4):433–9
Demographic characteristics of entering medical students at the University of Texas Health Science Center at San Antonio. Bynum JE, et al. **Tex Med** 1985 Apr;81(4):52–3
Confidence intervals for demographic projections based on products of random matrices. Heyde CC, et al. **Theor Popul Biol** 1985 Apr;27(2):120–53
India's regional demography. Dyson T. **World Health Stat Q** 1984;37(2):200–31 (Eng, Fre)
[Demographic status—population] Gierdorf P. **Z Gesamte Hyg** 1984 Dec;30(12):746–7 (Ger)
[Health and population] **Bol Of Sanit Panam** 1984 Nov;97(5):451–64 (Spa)

DEMYELINATING DISEASES

Galactocerebroside antiserum causes demyelination of cat optic nerve. Carroll WM, et al. **Brain Res** 1985 Mar 25;330(2):378–81
Experimental demyelinating optic neuropathy induced by intra-neural injection of galactocerebroside antiserum. Carroll WM, et al. **J Neurol Sci** 1984 Aug;65(2):125–35
[Central pontine myelinolysis] Lühdorf K, et al. **Ugeskr Laeger** 1984 Dec 10;146(50):3919–22 (Eng. Abstr.) (Dan)

CHEMICALLY INDUCED

The response of oligodendrocytes to chemical injury. Blakemore WF. **Acta Neurol Scand [Suppl]** 1984;100:33–8 (34 ref.)
Pattern of Schwann cell remyelination in a spinal cord lesion. Harrison BM, et al. **Neurosci Lett** 1984 Dec 21;52(3):275–80
[Polyneuropathy after cisplatin treatment] Meier C, et al. **Dtsch Med Wochenschr** 1985 May 3;110(18):721–5 (Eng. Abstr.) (Ger)
[Neuropathy caused by n-hexane (letter)] Monferrer Guardiola R, et al. **Med Clin (Barc)** 1984 Nov 10;83(15):651 (Spa)

COMPLICATIONS

Oculomotor anomalies. Huber A. **Bull Soc Belge Ophtalmol** 1983;208(Pt 2):53–61
Depression in Binswanger's encephalopathy responsive to tranylcypromine: case report. Summergrad P. **J Clin Psychiatry** 1985 Feb;46(2):69–70
Brachial diplegia in central pontine myelinolysis. Alberca R, et al. **J Neurol** 1985;231(6):345–6
Human monoclonal IgM autoantibodies with restricted antigenic specificity for myelin express unrelated idiotypes. Kahn SN. **J Neurol Sci** 1985 Jul;69(3):161–70
Chronic demyelinating polyneuropathy in systemic lupus erythematosus. Rechthand E, et al. **Neurology (NY)** 1984 Oct;34(10):1375–7
[Hereditary coproporphyria with hyponatremia complicated by centropontine myelinolysis (letter)] Routy JP, et al. **Presse Med** 1985 Jun 22;14(25):1383–4 (Fre)

DIAGNOSIS

Central pontine myelinolysis diagnosed by magnetic resonance imaging. Takeda K, et al. **Ann Neurol** 1985 Mar;17(3):310–1
Psychophysical tests in demyelinating disease. Regan D. **Bull Soc Belge Ophtalmol** 1983;208(Pt 2):41–51

Demyelinating disease in the afferent visual system behind the optic nerve. Schatz N. **Bull Soc Belge Ophtalmol** 1983; 208(Pt 2):77-9

Blocking mechanisms of impulse propagation along CNS fibres studied by means of evoked cortical responses. Gambi D. **Contrib Nephrol** 1985;45:97-100

MR imaging in adrenoleukomyeloneuropathy. Bewermeyer H, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):793-6

[Use of long spin-echo sequences for imaging demyelinating diseases] Rinck PA, et al. **ROFO** 1985 Apr;142(4):426-30 (Eng. Abstr.) (Ger)

[A case of pyruvate dehydrogenase deficiency with low density areas in white matter noticed by CT scan] Kimura A, et al. **No To Hattatsu** 1985 Jul;17(4):357-62 (Eng. Abstr.) (Jpn)

DRUG THERAPY

4-Aminopyridine leads to restoration of conduction in demyelinated rat sciatic nerve. Targ EF, et al. **Brain Res** 1985 Mar 4;328(2):358-61

Combined azathioprine and prednisone in chronic inflammatory-demyelinating polyneuropathy. Dyck PJ, et al. **Neurology** 1985 Aug;35(8):1173-6

ENZYMOLOGY

Phosphatidylethanolamine methyltransferase activity in developing, demyelinating, and diabetic mouse brain. Tashiro S, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:485-90

ETIOLOGY

Axonal attenuation and secondary segmental demyelination in myeloma neuropathies. Ohi T, et al. **Ann Neurol** 1985 Mar;17(3):255-61

Hereditary metabolic disorders affecting myelin. Martin JJ. **Bull Soc Belge Ophtalmol** 1983;208(Pt 2):11-8

Postvaccinal neurological complication. Report of 12 cases. Lu WL, et al. **Chin Med J [Engl]** 1984 Jun;97(6):447-50

Canine distemper virus does not infect oligodendrocytes in vitro. Vandevelde M, et al. **J Neurol Sci** 1985 Jul; 69(3):133-7

The nervous system in genital herpes simplex virus type 2 infections in mice. Lethal panmyelitis or nonlethal demyelinative myelitis or meningitis. Martin JR, et al. **Lab Invest** 1984 Nov;51(5):556-66

Neuropathogenicity of a mutant of mouse hepatitis virus, JHM strain, derived from persistently infected DBT cells. Goto N, et al. **Nippon Juigaku Zasshi** 1984 Aug; 46(4):459-65

[Electrolyte imbalance and central pontine myelinolysis (clinical conference)] Färkkilä M, et al. **Duodecim** 1985; 101(2):194-203 (Fin)

[Central pontine myelinolysis—a complication of hyponatremia therapy?] Haltia M, et al. **Duodecim** 1985; 101(2):159-66 (Eng. Abstr.) (Fin)

[Centropontine myelinolysis] Ollat H, et al. **Ann Med Interne (Paris)** 1984;135(7):561-7 (Fre)

[Arteriopathic leukoencephalopathy (17 anatomo-clinical cases)] Dubas F, et al. **Rev Neurol (Paris)** 1985; 141(2):93-108 (Eng. Abstr.) (Fre)

FAMILIAL & GENETIC

Hereditary diffuse leucoencephalopathy with spheroids. Axelsson R, et al. **Acta Psychiatr Scand [Suppl]** 1984; 314:1-65

CNS hypomyelinated mutant mice (jimpy, shiverer, quaking): in vitro evidence for primary oligodendrocyte defects. Wolf MK, et al. **Adv Exp Med Biol** 1984;181:115-33

Theiler's murine encephalomyelitis virus (TMEV)-induced demyelinating disease in mice is influenced by the H-2D region: correlation with TEMV-specific delayed-type hypersensitivity. Clatch RJ, et al. **J Immunol** 1985 Aug; 135(2):1408-14

The murine mutation trembler-J: proof of semidominant expression by use of the linked vestigial tail marker. Henry EW, et al. **J Neurogenet** 1983 Sep;1(1):39-52

Adrenomyeloneuropathy: report of a family and electron microscopical findings in peripheral nerve. Tanaka K, et al. **J Neurol** 1985;232(2):73-8

Transmissible spongiform encephalopathy in the gray tremor mutant mouse. Sidman RL, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):253-7

IMMUNOLOGY

Structure of a glycolipid reacting with monoclonal IgM in neuropathy and with HNK-1. Chou KH, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):383-8

Antisera to different glycolipids induce myelin alterations in mouse spinal cord tissue cultures. Roth GA, et al. **Brain Res** 1985 Jul 22;339(1):9-18

Immunological queries. Lowenthal A. **Bull Soc Belge Ophtalmol** 1983;208(Pt 2):5-9

Serum antibodies against central nervous system proteins in human demyelinating disease. Newcombe J, et al. **Clin Exp Immunol** 1985 Feb;59(2):383-90

Myelin-associated glycoprotein in development and disease. Quarles RH. **Dev Neurosci** 1983-84;6(6):285-303 (79 ref.)

Demyelination induced by Theiler's virus: influence of the H-2 haplot[illegible]odriguez M, et al. **J Immunol** 1985 Sep; 135(3):2145-8

Acute canine idiopathic polyneuropathy (ACIP) serum demyelinates peripheral nerve in vivo. Brown MJ, et al. **J Neuroimmunol** 1985 Jan;7(4):239-48

Human monoclonal anti-MAG antibody and anti-Leu 7 recognise shared antigenic determinants in peripheral nerve and spinal cord. Stoll G, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):635-8

Anti-peripheral myelin antibody in patients with demyelinating neuropathy: quantitative and kinetic determination of serum antibody by complement component 1 fixation. Koski CL, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):905-9

Monoclonal antibodies to myelin-associated glycoprotein reveal antigenic structures and suggest pathogenic mechanisms. Steck AJ, et al. **Springer Semin Immunopathol** 1985;8(1-2):29-43 (41 ref.)

METABOLISM

Metabolic alterations of endoneurial lipids in developing trembler nerve. Yao JK, et al. **Brain Res** 1985 Jan 28; 325(1-2):21-7

Sialic acid-deficient serum and cerebrospinal fluid transferrin in a newly recognized genetic syndrome. Jaeken J, et al. **Clin Chim Acta** 1984 Dec 29;144(2-3):245-7

Myelin in normal and diseased states. Baumann N, et al. **Neurol Clin** 1983 Aug;1(3):701-27

[Content of phospholipid, cerebroside and cerebroside sulfate in the central nervous system of mice with acute experimental viral demyelination] Annanepesov KhN, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):33-4 (Eng. Abstr.) (Rus)

MICROBIOLOGY

Virus-induced demyelination in mice: 'dying back' of oligodendrocytes. Rodriguez M. **Mayo Clin Proc** 1985 Jul; 60(7):433-8

Theiler's virus infection: a model for multiple sclerosis. Friedmann A, et al. **Prog Med Virol** 1985;31:43-83 (132 ref.)

In vivo and in vitro models of demyelinating disease. XI. Tropism and differentiation regulate the infectious process of coronaviruses in primary explants of the rat CNS. Beushausen S, et al. **Virology** 1985 Feb;141(1):89-101

In vivo and in vitro models of demyelinating disease. IX. Progression of JHM virus infection in the central nervous system of the rat during overt and asymptomatic phases. Sorensen O, et al. **Virology** 1984 Sep;137(2):347-57

OCCURRENCE

Non-compressive myelopathies with special reference to demyelinating diseases in Indian context. Singhal BS. **J Assoc Physicians India** 1984 Jun;32(6):509-12

PATHOLOGY

Hereditary motor and sensory neuropathy of demyelinating and remyelinating type in children. Ultrastructural and morphometric studies on sural nerve biopsy specimens from ten sporadic cases. Nordborg C, et al. **Acta Neuropathol (Berl)** 1984;65(1):1-9

Myelopathy following intrathecal chemotherapy in a patient with extensive Burkitt's lymphoma and altered immune status. Bates S, et al. **Am J Med** 1985 Apr;78(4):697-702

Effect of macrophage inactivation on the neuropathology of lysolecithin-induced demyelination. Triarhou LC, et al. **Br J Exp Pathol** 1985 Jun;66(3):293-301

Pattern and extent of demyelination in the optic nerves of mice infected with Semliki Forest virus and the possibility of axonal sprouting. Tansey EM, et al. **Brain** 1985 Mar;108 (Pt 1):29-41

Funduscopic and functional correlates of demyelinating optic neuropathy. Frisén L. **Bull Soc Belge Ophtalmol** 1983; 208(Pt 2):55-40

Experimental demyelinating optic neuropathy: a model for combined morphological and electrophysiological studies. Carroll WM, et al. **Clin Exp Neurol** 1983;19:17-28

Concentric sclerosis. Guo YP, et al. **Clin Exp Neurol** 1983; 19:67-76

Central pontine myelinolysis with widespread extrapontine lesions: a report of two cases. Kalnins RM, et al. **Clin Exp Neurol** 1984;20:189-202

Central pontine myelinolysis in a patient with adrenal insufficiency. Brunner JE. **Henry Ford Hosp Med J** 1985; 33(1):45-7

Central pontine myelinolysis in a child with the Shwachman-Diamond syndrome. Steinsapir KD, et al. **Hum Pathol** 1985 Jul;16(7):741-3

Schwann cell and oligodendrocyte remyelination in lysolecithin-induced lesions in irradiated rat spinal cord. Harrison B. **J Neurol Sci** 1985 Feb;67(2):143-59

Fine structure of astrocytic processes during serum-induced demyelination in vitro. Kusaka H, et al. **J Neurol Sci** 1985 Jul;69(3):255-67

Importance of anatomical features in unravelling mechanisms of demyelination [letter] Colover J. **Lancet** 1985 May 25; 1(8439):1214-5

Optic nerve demyelination induced by human serum: patients with multiple sclerosis or optic neuritis and normal subjects. Sergott RC, et al. **Neurology** 1985 Oct;35(10):1438-42

Central spinal myelinolysis. Zwick D, et al. **Neurology** 1985 Jun;35(6):891-3

Chronic demyelinating neuropathy with IgM-producing lymphocytes in peripheral nerve and delayed appearance of 'benign' monoclonal gammopathy. Julien J, et al. **Neurology (NY)** 1984 Oct;34(10):1387-9

The effects of multiple sequential episodes of demyelination in the sciatic nerve of the mouse. Hall SM. **Neuropathol Appl Neurobiol** 1984 Nov-Dec;10(6):461-78

Myelin in the senile rat brain. Preliminary report. Iwanowski L. **Neuropatol Pol** 1984;22(2):219-23

Structural specializations in cat of chronically demyelinated spinal cord axons as seen in freeze-fracture replicas. Rosenbluth J, et al. **Neurosci Lett** 1984 Jul 27;48(2):171-7

Characterization and distribution of lymphocyte subpopulations in multiple sclerosis plaques versus autoimmune demyelinating lesions. Traugott U. **Springer Semin Immunopathol** 1985;8(1-2):71-95 (91 ref.)

[Central pontine myelinolysis on alcoholism: report of an autopsy case] Akai J, et al. **Arukoru Kenkyuto Yakubutsu Ison** 1985 Mar;20(1):72-8 (Eng. Abstr.) (Jpn)

[Myelin pathology in the pt rabbit] Zelman IB, et al. **Neuropatol Pol** 1984;22(2):205-18 (Eng. Abstr.) (Pol)

PHYSIOPATHOLOGY

Pathophysiology of demyelination. Rasminsky M. **Ann NY Acad Sci** 1984;436:68-85 (68 ref.)

Dissociated foveal and parafoveal visual evoked responses in subacute combined degeneration. Hennerici M. **Arch Neurol** 1985 Feb;42(2):130-2

Spatiotemporal responses of the visual system in demyelinating diseases. Medjbeur S, et al. **Brain** 1985 Mar; 108 (Pt 1):123-38

Recovery from acute demyelinating conduction block in the presence of prolonged distal conduction delay due to peripheral nerve constriction. Baba M, et al. **Electromyogr Clin Neurophysiol** 1984 Nov-Dec;24(7):611-7

Changes of auditory brainstem responses in electrolyte-induced myelinolysis in rats. Role of hyponatremia and hypernatremia. Hirose G, et al. **J Neurol Sci** 1985 May-Jun;69(1-2):59-66

Effects of IDPN-induced axonal swellings on conduction in motor nerve fibers. Stanley EF, et al. **J Neurol Sci** 1985 Jul;69(3):183-200

Oligodendrocytes, key cells in myelination and target in demyelinating diseases. Bologa L. **J Neurosci Res** 1985; 14(1):1-20 (167 ref.)

Mechanisms of demyelination [editorial] **Lancet** 1985 Mar 2;1(8427):495-6

T cell approach to demyelinating diseases. Wekerle H, et al. **Springer Semin Immunopathol** 1985;8(1-2):97-110 (37 ref.)

[Incidence and character of vestibular disorders in otoneurological disease states] Pichanič M, et al. **Cesk Otolaryngol** 1984 Jul;33(4):214-21 (Eng. Abstr.) (Slo)

RADIOGRAPHY

[Central pontine myelinolysis with regressive development and x-ray computed tomographic interpretation] Larrue V, et al. **Rev Neurol (Paris)** 1984;140(10):576-9 (Eng. Abstr.) (Fre)

[A clinical case of alcoholic central pontine myelinolysis demonstrated by computerized tomography] Akai J, et al. **Arukoru Kenkyuto Yakubutsu Ison** 1984 Sep;19(3):167-72 (Eng. Abstr.) (Jpn)

THERAPY

Apheresis in chronic inflammatory demyelinating polyneuropathy and in renal transplantation. Health and Public Policy Committee, American College of Physicians. **Ann Intern Med** 1985 Oct;103(4):630-3

Paraproteinemia associated with demyelinating polyneuropathy or myositis: treatment with plasmapheresis and immunosuppressive drugs. Kiprov DD, et al. **Artif Organs** 1985 Feb;9(1):47-52

A runs test based on run lengths. O'Brien PC, et al. **Biometrics** 1985 Mar;41(1):237-44

Current therapy of demyelinating neuropathies. Ruderman MI, et al. **Mt Sinai J Med (NY)** 1985 Jun;52(6):490-5

Lymphocytaplasmapheresis in Devic's syndrome. Aguilera AJ, et al. **Transfusion** 1985 Jan-Feb;25(1):54-6

VETERINARY

[Spontaneous demyelinization processes in the brain of laboratory rats] Woossmann H, et al. **Z Versuchstierkd** 1985;27(1):23-7 (Eng. Abstr.) (Ger)

DENDRITES

The fan-in projection method for analyzing dendrite and axon systems. Glaser EM, et al. **J Neurosci Methods** 1984 Nov;12(1):37-42

CLASSIFICATION

The dendritic morphology of hippocampal dentate granule cells varies with their position in the granule cell layer: a quantitative Golgi study. Green EJ, et al. **Exp Brain Res** 1985;59(3):582-6

CYTOLOGY

Dendritic bundles formed by layer VI pyramidal cells in the monkey frontal association cortex. Sakai M. **Exp Brain Res** 1985;58(3):609–12

Dendritic organization of the anterior speech area. Scheibel AB, et al. **Exp Neurol** 1985 Jan;87(1):109–17

DRUG EFFECTS

Dendritic alterations in chronic animals with experimental neurofibrillary changes. Uemura E, et al. **Exp Neurol** 1985 Sep;89(3):530–42

Pharmacological characterization of postsynaptic receptors for excitatory amino acids in Purkinje cell dendrites in the guinea pig cerebellum. Kimura H, et al. **J Pharmacobiodyn** 1985 Feb;8(2):119–27

IMMUNOLOGY

Functional study of human tonsillar follicular dendritic cells. Simar LJ, et al. **Acta Otorhinolaryngol Belg** 1984; 38(3):278–87

Identification of immunostimulatory dendritic cells in the synovial effusions of patients with rheumatoid arthritis. Zvaifler NJ, et al. **J Clin Invest** 1985 Aug;76(2):789–800

Influence of dendritic cells on tumor growth. Knight SC, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4495–7

The involvement of dendritic cells in the handling of the immune stimulant C. parvum. A morphological investigation using immunoperoxidase techniques. Mignot MH, et al. **Virchows Arch [Cell Pathol]** 1985;48(4):317–24

METABOLISM

Dendritic transport. II. Somatofugal movement of neuronal lysosomes induced by colchicine: evidence for a novel transport system in dendrites. Gorenstein C, et al. **J Neurosci** 1985 Aug;5(8):2018–27

Dendritic transport. I. Colchicine stimulates the transport of lysosomal enzymes from cell bodies to dendrites. Gorenstein C, et al. **J Neurosci** 1985 Aug;5(8):2009–17

gamma-Aminobutyric acidA (GABAA) receptors modulate [3H]GABA release from isolated neuronal growth cones in the rat. Lockerbie RO, et al. **Neurosci Lett** 1985 Apr 19;55(3):273–7

Localization and turnover rate of rat renal 'dendritic' cells. Leszczynski D, et al. **Scand J Immunol** 1985 Apr; 21(4):355–60

PATHOLOGY

Dendritic cell phenotype in localized malignant histiocytosis of the small intestine. Daum GS, et al. **Arch Pathol Lab Med** 1985 Jul;109(7):647–50

PHYSIOLOGY

Contractile responses of dendrites in the bullfrog retina. Nakaye T, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):456–61

Quantitative analysis of electrical properties of dendritic spines. Kawato M, et al. **Biol Cybern** 1984;50(6):447–54

Electrical properties of dendritic spines with bulbous end terminals. Kawato M, et al. **Biophys J** 1984 Aug; 46(2):155–66

Synaptic amplification by active membrane in dendritic spines. Miller JP, et al. **Brain Res** 1985 Jan 28; 325(1–2):325–30

Miniature synaptic potentials recorded intracellularly from Purkinje cell dendrites in guinea pig cerebellar slices. Okamoto K, et al. **Brain Res** 1984 Oct 8;311(2):281–7

Dendritic spines: role of active membrane in modulating synaptic efficacy. Perkel DH, et al. **Brain Res** 1985 Jan 28;325(1–2):331–5

Ectopic dendritogenesis occurs on cortical pyramidal neurons in swainsonine-induced feline alpha-mannosidosis. Walkley SU, et al. **Brain Res** 1985 May;352(1):143–8

A possible mechanism of morphometric changes in dendritic spines induced by stimulation. Fifková E. **Cell Mol Neurobiol** 1985 Jun;5(1–2):47–63 (95 ref.)

On the apparent nonadhesive nature of axospinous dendritic synapses. Scheibel AB, et al. **Exp Neurol** 1985 Jul; 89(1):279–83

Effects of halothane on the development of rat brain: a golgi study of dendritic growth. Uemura E, et al. **Exp Neurol** 1985 Sep;89(3):503–19

The development of dendritic spines in the human visual cortex. Michel AE, et al. **Hum Neurobiol** 1984;3(4):223–7

Synaptic excitatory and inhibitory interactions at distal dendritic sites on mitral cells in the isolated turtle olfactory bulb. Mori K, et al. **J Neurosci** 1984 Sep;4(9):2291–6

Polyribosomes under developing spine synapses: growth specializations of dendrites at sites of synaptogenesis. Steward O, et al. **J Neurosci Res** 1985;13(1–2):75–88

The relationship of receptive field properties to the dendritic shape of neurones in the cat striate cortex. Martin KA, et al. **J Physiol (Lond)** 1984 Nov;356:291–302

The biophysical properties of spines as a basis for their electrical function: a comment on Kawato & Tsukahara (1983). Koch C, et al. **J Theor Biol** 1985 Mar 21; 113(2):225–9

Changes in the dendritic branching of adult mammalian neurones revealed by repeated imaging in situ. Purves D, et al. **Nature** 1985 May 30-Jun 5;315(6018):404–6

A mathematical model for the growth of dendritic trees. Ireland W, et al. **Neurosci Lett** 1985 Mar 15;54(2–3):243–9

Signal enhancement in distal cortical dendrites by means of interactions between active dendritic spines. Shepherd GM, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2192–5

[Condition of optimum conduction of synaptic excitation along the dendritic fiber] Maniamin II. **Biofizika** 1985 Mar–Apr;30(2):332–6 (Eng. Abstr.) (Rus)

[Reactive motility of dendrites] Dyskin EA, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):353–6 (Eng. Abstr.) (Rus)

[Local inhibition in the dendrites of the cerebral cortical neurons] Serkov FN, et al. **Dokl Akad Nauk SSSR** 1985; 282(3):750–2 (Rus)

PHYSIOPATHOLOGY

[Destruction of apical dendritic layers in penicillin-induced cortical epileptic focus] Okamoto J, et al. **No To Shinkei** 1984 Dec;36(12):1215–21 (Eng. Abstr.) (Jpn)

ULTRASTRUCTURE

Dendritic inclusions in the cerebellar granular layer after long term alcohol consumption in adult rats. Tavares MA, et al. **Alcoholism (NY)** 1985 Jan–Feb;9(1):45–8

Apical dendritic spines and axonic terminals in the bipyramidal neurons of the dorsomedial cortex of lizards (Lacerta). Martinez Guijarro FJ, et al. **Anat Embryol (Berl)** 1984;170(3):321–6

Three-dimensional analysis of dendritic spines. II. Spine apparatus and other cytoplasmic components. Spaček J. **Anat Embryol (Berl)** 1985;171(2):235–43

Three-dimensional analysis of dendritic spines. III. Glial sheath. Spaček J. **Anat Embryol (Berl)** 1985;171(2):245–52

Effect of hypothyroidism on the size of spines of pyramidal neurons of the cerebral cortex. Berbel PJ, et al. **Brain Res** 1985 Jul 1;337(2):217–23

Alterations in the postnatal development of the cerebellar cortex due to zinc deficiency. III. Impaired dendritic differentiation of basket and stellate cells. Dvergsten CL, et al. **Brain Res** 1984 Sep;318(1):21–6

Myelinated non-axonal neuronal elements in the feline olfactory bulb lack sites with a nodal structural differentiation. Remahl S, et al. **Brain Res** 1985 Jan 28; 325(1–2):1–11

Catecholamine innervation of cervical dendrite bundles: possible phrenic nucleus innervation. Bellinger DL, et al. **Brain Res Bull** 1984 Dec;13(6):701–7

Golgi and computer morphometric analysis of cortical dendrites in metabolic storage disease. Takashima S, et al. **Exp Neurol** 1985 Jun;88(3):652–72

Age-related changes in the subiculum of Macaca mulatta: dendritic branching pattern. Uemura E. **Exp Neurol** 1985 Mar;87(3):412–27

Somatodendritic synapses in the central nucleus of colliculus inferior (CI) in the cat. Paloff AM. **J Hirnforsch** 1985; 26(3):353–8

Dendritic reorganization of abdominal motoneurons during metamorphosis of the moth, Manduca sexta. Levine RB, et al. **J Neurosci** 1985 Sep;5(9):2424–31

Local order among the dendrites of an amacrine cell population. Tauchi M, et al. **J Neurosci** 1985 Sep; 5(9):2494–501

Mitochondrial abnormalities in cortical dendrites from patients with Alzheimer's disease. Saraiva AA, et al. **J Submicrosc Cytol** 1985 Jul;17(3):459–64

Multipolar neurons and axodendritic synapses in the mesencephalic trigeminal nucleus of the cat. Nomura S, et al. **Neurosci Lett** 1985 Apr 19;55(3):337–42

Retention of immune complexes by Fc receptors on mouse follicular dendritic cells. Radoux D, et al. **Scand J Immunol** 1985 Apr;21(4):345–53

[Neurokinetic hypothesis of synaptic efficiency] Batuev AS, et al. **Fiziol Zh SSSR** 1984 Aug;70(8):1149–56 (Eng. Abstr.) (Rus)

DENERVATION

Time course of denervation diuresis and natriuresis in the anaesthetized rat. Bencsáth P, et al. **Acta Physiol Hung** 1985;66(1):47–50

Plasma renin activity in rats with renal denervation and adrenoreceptor blockers. Tzaneva N, et al. **Acta Physiol Pharmacol Bulg** 1985;11(1):62–9

Retrolabyrinthine vestibular neurectomy with simultaneous monitoring of eighth nerve action potentials and electrocochleography. Silverstein H, et al. **Am J Otol** 1984 Oct;5(6):552–5

Effect of renal denervation on the suppression of renin secretion by vasopressin in conscious dogs. Gregory LC, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F881–7

Renal effects of volume expansion in the renal-denervated nonhuman primate. Peterson TV, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):H960–6

Influence of cardiac denervation on subsidiary atrial pacemaker stabilization. Sterba JA, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):H523–30

The effects of tympanic neurectomy and chorda tympanectomy on experimentally induced parotid duct fistulae in rabbits. Chilla R, et al. **Arch Otorhinolaryngol** 1985;241(3):295–301

Prevention and treatment of sciatic denervation disuse osteoporosis in the rat tibia with capacitively coupled electrical stimulation. Brighton CT, et al. **Bone** 1985; 6(2):87–97

Long-term analysis of the hypertension produced by sinoaortic denervation in the rat. Trindade AS Jr, et al. **Braz J Med Biol Res** 1984;17(2):209–17

The localization and rate of disappearance of a synaptic vesicle antigen following denervation. Borroni E, et al. **Cell Tissue Res** 1985;241(2):367–72

The influence of adrenergic denervation on the response to feeding of the gastroenteropancreatic system in man. Frier BM, et al. **Clin Endocrinol (Oxf)** 1984 Dec;21(6):639–47

Partial dorsal wrist denervation: resection of the distal posterior interosseous nerve. Dellon AL. **J Hand Surg [Am]** 1985 Jul;10(4):527–33

Systemic and regional haemodynamic effects of renal denervation in spontaneously hypertensive rats. Lee JY, et al. **J Hypertens** 1983 Dec;1(4):381–6

Specific increase in renal alpha 1-adrenergic receptors following unilateral renal denervation. Woodcock EA, et al. **J Recept Res** 1985;5(2–3):133–46

The supersensitivity of vascular smooth muscle following surgical renal denervation in the dog. Ohgushi N, et al. **Nippon Geka Hokan** 1984 Sep 1;53(5):644–52

Intact proenkephalin is the major enkephalin-containing peptide produced in rat adrenal glands after denervation. Fleminger G, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(24):7985–8

Head-up tilt in the nonhuman primate. Effects of renal denervation. Peterson TV, et al. **Renal Physiol** 1984; 7(5):265–74

The effect of peripheral chemodenervation on the ventilatory response to potassium. Band DM, et al. **Respir Physiol** 1985 May;60(2):217–25

A denervated pancreatic flap for control of chronic pain in pancreatitis. Warren WD, et al. **Surg Gynecol Obstet** 1984 Dec;159(6):581–3

[Round table on cardiac denervation. Grenoble, 19 June 1982] **Ann Chir** 1983 Oct;37(7):437–543 (Fre)

[Denervation in pain syndromes of the hand] Biancardi G, et al. **Chir Ital** 1984 Aug;36(4):674–7 (Eng. Abstr.) (Ita)

[Evoked potentials in the rabbit amygdala following its partial deafferentation] Chernova VL, et al. **Fiziol Zh SSSR** 1983 Jul;69(7):887–94 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

Septic arthritis of the distal interphalangeal joint after neurectomy in a mare. Mackey VS, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):1006–7

METHODS

Selective parasympathectomy of automatic and conductile tissues of the canine heart. Randall WC, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):H61–8

Transtympanic neurectomies for control of drooling. Grewal DS, et al. **Auris Nasus Larynx** 1984;11(2):109–14

Acute deletion of arterial baroreceptor input in the conscious rabbit. Ludbrook J, et al. **Aust J Exp Biol Med Sci** 1985 Apr;63 (Pt 2):231–40

Evaluation of topical phenol as a means of producing autonomic denervation of the liver. Lautt WW, et al. **Can J Physiol Pharmacol** 1984 Jul;62(7):849–53

[Corporofundal partial peripheral bladder denervation as surgical therapy of urge incontinence] Lahodny J. **Geburtshilfe Frauenheilkd** 1985 Jun;45(6):386–92 (Eng. Abstr.) (Ger)

VETERINARY

Clinicopathological studies on neurectomy in equids. Said AH, et al. **Equine Vet J** 1984 Sep;16(5):442–6

Appropriate care for deafferented primates. Rowan AN. **J Med Primatol** 1984;13(4):175–81

DENERVATION, SYMPATHETIC, CHEMICAL see SYMPATHECTOMY, CHEMICAL

DENGUE

Dengue shock syndrome. An evaluation of clinical experiences. Munir M, et al. **Paediatr Indones** 1984 Nov–Dec;24(11–12):254–64

DIAGNOSIS

Low rates of antigen detection and virus isolation from the peripheral blood leukocytes of dengue fever patients. Waterman SH, et al. **Am J Trop Med Hyg** 1985 Mar; 34(2):380–4

Infectious diseases of travelers and immigrants. Gove S, et al. **Emerg Med Clin North Am** 1984 Aug;2(3):587–622

IgM antibody capture ELISA in the diagnosis of Japanese encephalitis, West Nile & dengue virus infections. Gadkari DA, et al. **Indian J Med Res** 1984 Dec;80:613–9

Xenodiagnosis of laboratory acquired dengue infection by mosquito inoculation & immunofluorescence. Ilkal MA, et al. **Indian J Med Res** 1984 May;79:587–90

Antibody-capture ELISA for detection of immunoglobulin M antibodies in sera from Japanese encephalitis and dengue hemorrhagic fever patients. Bundo K, et al. **J Virol Methods** 1985 May;11(1):15–22

ETIOLOGY

Features of DIC in dengue hemorrhagic fever. Funahara Y, et al. **Bibl Haematol** 1983;(49):201–11

IMMUNOLOGY

Crossed immunoelectrophoresis for the detection of split products of the third complement component in dengue hemorrhagic fever. II. In vitro activation by dengue viral antigen. Churdboonchart V, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1239–47

Effect of dengue virus-induced macrophage cytotoxin on functions of human blood leucocytes. Gulati L, et al. **Indian J Med Res** 1984 Jun;79:709–15

Precipitating antibodies to non-treated dengue type 2 viral antigens in sera of Thai hemorrhagic fever patients by crossed immunoelectrophoresis. Wongtunyakorn N, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar;16(1):73–7

Lack of viraemia and limited antibody response of dengue virus immune rhesus monkeys after vaccination with DEN-2/S-1 vaccine. Kraiselburd E, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):445–8

MICROBIOLOGY

A case of natural concurrent human infection with two dengue viruses. Gubler DJ, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):170–3

[Isolation of dengue virus type 2 from the serum of patients using the suckling mouse and cultured LLCMK2 cells] Guzmán Tirado MG, et al. **Rev Cubana Med Trop** 1984 Jan–Apr;36(1):4–10 (Eng. Abstr.) (Spa)

OCCURRENCE

Risk factors in dengue shock syndrome: a prospective epidemiologic study in Rayong, Thailand. I. The 1980 outbreak. Sangkawibha N, et al. **Am J Epidemiol** 1984 Nov;120(5):653–69

A study of fatal hemorrhagic dengue cases in Cuba, 1981. Guzmán MG, et al. **Bull Pan Am Health Organ** 1984;18(3):213–20

Dengue in north-east Africa [letter] Saleh AS, et al. **Lancet** 1985 Jul 27;2(8448):211–2

Dengue fever in U.S. military personnel—Republic of the Philippines. **MMWR** 1985 Aug 16;34(32):495–6, 501–2

A case of hemorrhagic dengue without hypovolemia in an adult. Pan HY, et al. **Trop Geogr Med** 1984 Sep;36(3):305–7

[Dengue in Burkina Faso (ex-Upper Volta): seasonal epidemics in the urban area of Ouagadougou] Gonzalez JP, et al. **Bull Soc Pathol Exot Filiales** 1985;78(1):7–14 (Eng. Abstr.) (Fre)

[National serological survey of dengue virus. Cuba, 1982] Guzmán Tirado MG, et al. **Rev Cubana Med Trop** 1984 May–Aug;36(2):124–31 (Eng. Abstr.) (Spa)

PREVENTION & CONTROL

[Preliminary report on the national extermination campaign of Aedes (S) aegypti in the Republic of Cuba (31 May 1981 to 20 March 1982)] Terry H, et al. **Z Gesamte Hyg** 1984 Dec;30(12):737–8 (Ger)

[The ecology of dengue and Aedes aegypti. Preliminary investigation 4] Carrada Bravo T, et al. **Salud Publica Mex** 1984 Sep–Oct;26(5):501–16 (Eng. Abstr.) (Spa)

TRANSMISSION

Dengue transmission in two Puerto Rican communities in 1982. Waterman SH, et al. **Am J Trop Med Hyg** 1985 May;34(3):625–32

A seroepidemiological study of Japanese encephalitis and dengue virus infections in the Chiang Mai area, Thailand. Fukunaga T, et al. **Biken J** 1984 Mar;27(1):9–17

Failure to detect natural transovarial transmission of dengue viruses by Aedes aegypti and Aedes albopictus (Diptera: Culicidae). Watts DM, et al. **J Med Entomol** 1985 May 24;22(3):261–5

Leads from the MMWR. Imported dengue fever—United States. **JAMA** 1985 Sep 6;254(9):1143

Imported dengue fever—United States, 1984. **MMWR** 1985 [illegible];34(31):488–9

T[illegible] vector competence of colonized Aedes (Stegomyia) [illegible]therinensis for dengue-2 virus. Leake CJ. **Trans R Soc Trop Med Hyg** 1984;78(6):829–32

[Dengue as a public health problem. Advances and perspectives] Carrada-Bravo T. **Bol Med Hosp Infant Mex** 1984 Jun;41(6):301–6 (Eng. Abstr.) (Spa)

VETERINARY

Seroepidemiological survey on dengue and Japanese encephalitis virus infections in Asian monkeys. Yuwono J, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun;15(2):194–200

DENGUE VIRUS

GENETICS

Genetic relationships of the dengue virus serotypes. Blok J. **J Gen Virol** 1985 Jun;66 (Pt 6):1323–5

Comparison of dengue viruses and some other flaviviruses by cDNA-RNA hybridization analysis and detection of a close relationship between dengue virus serotype 2 and Edge Hill virus. Blok J, et al. **J Gen Virol** 1984 Dec;65 (Pt 12):2173–81

GROWTH & DEVELOPMENT

Fetal rhesus monkey lung cells can be grown in serum-free medium for the replication of dengue-2 vaccine virus. Malewicz B, et al. **In Vitro Cell Dev Biol** 1985 Aug;21(8):470–6

Synthesis of proteins and glycoproteins in dengue type 2 virus-infected vero and Aedes albopictus cells. Smith GW, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):559–71

Development of a new cell system for the infectivity assay of dengue viruses: plaque formation and virus growth of prototype and wild-type dengue virus strains in a newly established cell line, GK. Nawa M. **Microbiol Immunol** 1984;28(7):765–76

Increased multiplication of dengue virus in mouse peritoneal macrophage cultures by treatment with extracts of Ascaris-Parascaris parasites. Wiharta AS, et al. **Microbiol Immunol** 1985;29(4):337–48

IMMUNOLOGY

Risk factors in dengue shock syndrome: a prospective epidemiologic study in Rayong, Thailand. I. The 1980 outbreak. Sangkawibha N, et al. **Am J Epidemiol** 1984 Nov;120(5):653–69

Epitopic analysis of antigenic determinants on the surface of dengue-2 virions using monoclonal antibodies. Henchal EA, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):162–9

A seroepidemiological study of Japanese encephalitis and dengue virus infections in the Chiang Mai area, Thailand. Fukunaga T, et al. **Biken J** 1984 Mar;27(1):9–17

Duration of adoptively transferred dengue virus-induced suppressor activity. Shukla MI, et al. **Br J Exp Pathol** 1985 Jun;66(3):377–83

Effect of dengue virus-induced macrophage cytotoxin on functions of human blood leucocytes. Gulati L, et al. **Indian J Med Res** 1984 Jun;79:709–15

Effect of adjuvant vaccines on dengue virus type 2 immune ascitic fluid production. Gamble WC, et al. **J Clin Microbiol** 1985 Mar;21(3):452–3

Lysis of dengue virus-infected cells by natural cell-mediated cytotoxicity and antibody-dependent cell-mediated cytotoxicity. Kurane I, et al. **J Virol** 1984 Oct;52(1):223–30

Antibody-capture ELISA for detection of immunoglobulin M antibodies in sera from Japanese encephalitis and dengue hemorrhagic fever patients. Bundo K, et al. **J Virol Methods** 1985 May;11(1):15–22

Dengue type 2 virus infection in human peripheral blood monocyte cultures. Hotta H, et al. **Microbiol Immunol** 1984;28(10):1099–109

Application of peroxidase-antiperoxidase (PAP) staining for detection and localization of dengue-2 antigen. I. In an endogenous peroxidase containing cell systems. Churdboonchart V, et al. **Southeast Asian J Trop Med Public Health** 1984 Dec;15(4):547–53

Precipitating antibodies to non-treated dengue type 2 viral antigens in sera of Thai hemorrhagic fever patients by crossed immunoelectrophoresis. Wongtunyakorn N, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar;16(1):73–7

Lack of viraemia and limited antibody response of dengue virus immune rhesus monkeys after vaccination with DEN-2/S-1 vaccine. Kraiselburd E, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):445–8

ISOLATION & PURIFICATION

Low rates of antigen detection and virus isolation from the peripheral blood leukocytes of dengue fever patients. Waterman SH, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):380–4

Comparative sensitivity of three mosquito cell lines for isolation of dengue viruses. Kuno G, et al. **Bull WHO** 1985;63(2):279–86

The absence of dengue virus in the skin lesions of dengue fever. de Andino RM, et al. **Int J Dermatol** 1985 Jan–Feb;24(1):48–51

Simplified plaque reduction neutralization assay for dengue viruses by semimicro methods in BHK-21 cells: comparison of the BHK suspension test with standard plaque reduction neutralization. Morens DM, et al. **J Clin Microbiol** 1985 Aug;22(2):250–4

Titration of dengue viruses by immunofluorescence in microtiter plates. Schoepp RJ, et al. **J Clin Microbiol** 1984 Nov;20(5):1017–9

[Isolation of dengue virus type 2 from the serum of patients using the suckling mouse and cultured LLCMK2 cells] Guzmán Tirado MG, et al. **Rev Cubana Med Trop** 1984 Jan–Apr;36(1):4–10 (Eng. Abstr.) (Spa)

METABOLISM

Dengue virus induced polypeptide synthesis. Brief report. Ozden S, et al. **Arch Virol** 1985;85(1–2):129–37

Changes in hydroxy and carboxylic acid compositions in the supernatant fluids of mosquito cell cultures infected with dengue viruses. Kuno G, et al. **J Invertebr Pathol** 1984 Nov;44(3):256–62

PATHOGENICITY

Comparative susceptibility of five species of Toxorhynchites mosquitoes to parenteral infection with dengue and other flaviviruses. Rosen L, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):805–9

Quantity of dengue virus required to infect rhesus monkeys. Kraiselburd E, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):248–51

PHYSIOLOGY

Natural transovarial transmission of dengue 4 virus in Aedes aegypti in Trinidad. Hull B, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1248–50

Comparative susceptibility of mosquito species and strains to oral and parenteral infection with dengue and Japanese encephalitis viruses. Rosen L, et al. **Am J Trop Med Hyg** 1985 May;34(3):603–15

Effect of interferons on dengue virus multiplication in cultured monocytes/macrophages. Hotta H, et al. **Biken J** 1984 Dec;27(4):189–93

The quantitative kinetic study of dengue viral antigen by flow cytometry. I. An in vitro study. Kimura T, et al. **Virus Res** 1985 Jun;2(4):375–89

DENIAL (PSYCHOLOGY)

Denial in clinical medicine. A reexamination of the concept and its significance. Shelp EE, et al. **Arch Intern Med** 1985 Apr;145(4):697–9

The denial mechanism. Luterman D. **Ear Hear** 1985 Jan–Feb;6(1):57–8

Self-starvation in a diabetic adolescent. Schechter NL. **J Adolesc Health Care** 1985 Jan;6(1):43–5

Denial in fantasy and hypomania: an exploration. Bley NF. **J Am Psychoanal Assoc** 1984;32(4):865–79

Stress and alcoholic denial. Kanas N. **J Drug Educ** 1984;14(2):105–8

Denial of fear of dying or of death in young and elderly populations. Westman AS, et al. **Psychol Rep** 1984 Oct;55(2):413–4

The impact of denial and repressive style on information gain and rehabilitation outcomes in myocardial infarction patients. Shaw RE, et al. **Psychosom Med** 1985 May–Jun;47(3):262–73

DENS IN DENTE see under **TOOTH ABNORMALITIES**

DENSITOMETRY

Cardiac output measured by earpiece densitometry vs. thermodilution [letter] Tanner G, et al. **Crit Care Med** 1984 Dec;12(12):1082–3

Quantification of proteins in tracheobronchoalveolar lavage fluid by isoelectric focusing and scanning densitometry. A methodological study on rats. Stelander M. **Eur J Respir Dis [Suppl]** 1984;138:1–134

Bone density in women: a modified procedure for measurement of distal radial density. Awbrey BJ, et al. **J Orthop Res** 1984;2(4):314–21

A non-invasive method for estimation of lung tissue volume in patients with fibrosing lung disease: comparison with lung density measurement by positron transmission tomography. Peacock A, et al. **Lancet** 1984 Oct 6;2(8406):785–7

INSTRUMENTATION

Effect of laser beam shape parameters on photothermal deflection densitometers. Chen TI, et al. **Anal Chem** 1984 Aug;56(9):1674–7

A computer method for scanning and analysis of dot blots. Williams RL, et al. **DNA** 1985 Jun;4(3):255–62

A gamma-ray computed tomography scanner for the quantitative measurement of bone density. Hosie CJ, et al. **J Biomed Eng** 1985 Jan;7(1):30–4

Low-cost microcomputer-based densitometer. Richards HK, et al. **J Cereb Blood Flow Metab** 1985 Sep;5(3):481–2

Microcomputer-assisted densitometer for quantitative receptor autoradiography. Berck DJ, et al. **J Neurosci Methods** 1985 May;13(3–4):171–81

[Osteodensitometry: new interpretive technics of an old test] d'Amico P, et al. **Minerva Med** 1985 Mar 10;76(9–10):441–4 (Ita)

[Use of the BIAN-170 densitometer for analyzing lipoprotein electrophoregrams in polyacrylamide gel flat layers] Khliustov VN, et al. **Lab Delo** 1984;(9):573–4 (Rus)

METHODS

Computer-assisted morphometry and microdensitometry of transmitter- identified neurons with special reference to the mesostriatal dopamine pathway. Methodological aspects. Agnati LF, et al. **Acta Physiol Scand [Suppl]** 1984;532:5–36

A film densitometer method of bone scan quantitation. Cranage RW. **Br J Radiol** 1984 Sep;57(682):831–2

Photon scattering measurements of calcaneal bone density: results of in vivo longitudinal studies. Roberts JG, et al. **Clin Phys Physiol Meas** 1984 Aug;5(3):193–200

A method to estimate the DNA content of whole nuclei from measurements made on thin tissue sections. Bins M, et al.

Cytometry 1985 May;6(3):234–7
Automated biometry and densitography of anterior segment of the eye. Lerman S, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(3):121–9
Feulgen densitometry in image analysis [letter] Bins M. **J Histochem Cytochem** 1984 Nov;32(11):1241–2
A simplified method for computerized densitometry of complex shapes in 2–deoxyglucose autoradiographs. Kauer JS, et al. **J Neurosci Methods** 1984 Aug;11(3):143–58
Quantitative receptor autoradiography with tritium–labeled ligands: comparison of biochemical and densitometric measurements. Rainbow TC, et al. **J Neurosci Methods** 1984 Sep;11(4):231–41
Capillary blood flow: videodensitometry in the atherosclerotic patient. Schwartz RW, et al. **J Vasc Surg** 1984 Nov;1(6):809–8
The determination of relative renal function by optical densitometry. Hastings DL, et al. **Nucl Med Commun** 1984 Mar;5(3):145–51
Videodensitometric estimation of the protective effect of hyperbaric oxygen in the ischemic gerbil brain. Corkill G, et al. **Surg Neurol** 1985 Aug;24(2):206–10
[The thrombodensitogram: a photometric and dynamic study of the clot (the slow clotting test)] Porta A, et al. **Minerva Med** 1985 Mar 17;76(11):527–30 (Ita)

DENSITOMETRY, X-RAY

[Evaluation of changes in the density of the vertebral body after intravenous administration of contrast medium during routine CT examination] Janíček M, et al. **Cesk Radiol** 1984 Jul;38(4):243–7 (Eng. Abstr.) (Cze)
[Comparison of densitometric and morphometric measurements of global and regional functions using a fully digital subtraction unit] Tuengerthal S, et al. **ROFO** 1985 Apr;142(4):411–8 (Eng. Abstr.) (Ger)
[Evaluation of the state of the pulmonary picture in heart septal defects using roentgenodensitometry] Itskovich IE, et al. **Vestn Rentgenol Radiol** 1985 Jan–Feb;(1):41–6 (Eng. Abstr.) (Rus)

INSTRUMENTATION

Compton scatter densitometry with polychromatic sources. Duke PR, et al. **Med Phys** 1984 Sep–Oct;11(5):624–32
Compton scatter with polychromatic sources for lung densitometry. Hanson JA, et al. **Med Phys** 1984 Sep–Oct; 11(5):633–7
Microdensitometry using a slide projector. Maleki N, et al. **Med Phys** 1985 Jul–Aug;12(4):480–1

METHODS

Mass estimates by computed tomography: physical density from CT numbers. Mull RT. **AJR** 1984 Nov;143(5):1101–4
Calculation of left ventricle ejection fraction (LVEF) by digital videodensitometric analysis. Preliminary results. Gaux JC, et al. **Ann Radiol (Paris)** 1985;28(2):189–92
Roentgendensitometric study of the phalanx. Trouerbach WT, et al. **Diagn Imaging Clin Med** 1985;54(2):64–77
Videodensitometric ejection fraction from intravenous digital subtraction right ventriculograms: correlation with first pass radionuclide ejection fraction. Detrano R, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1377–81
A postprocessing dual energy technique for vertebral CT densitometry. Laval–Jeantet AM, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1164–7
Analysis of dental hard tissue by computerized microdensitometry. Mallon DE, et al. **J Dent Res** 1985 Feb;64(2):112–6
[Relation between distribution of roentgen density and tensile strength to pressure and tension in the shaft center of the human tibia] Tanaka J. **Z Orthop** 1984 Sep–Oct; 122(5):670–6 (Eng. Abstr.) (Ger)
[Evaluation of anticonvulsant–induced bone changes by a microdensitometric method] Iwata Y, et al. **No Shinkei Geka** 1985 Mar;13(3):293–9 (Eng. Abstr.) (Jpn)
[Method of contrast densitometry of lung radiographs] Lupşa M. **Rev Ig [Pneumoftiziol]** 1984 Oct–Dec;33(4):351–60 (Eng. Abstr.) (Rum)

DENTAL ALLOYS

Porosities in a dental silver–palladium casting alloy. Oilo G, et al. **Acta Odontol Scand** 1985 Mar;43(1):9–13
Chinese NiTi wire—a new orthodontic alloy. Burstone CJ, et al. **Am J Orthod** 1985 Jun;87(6):445–52
In vitro bond strength of treated direct–bonding metal bases. Siomka LV, et al. **Am J Orthod** 1985 Aug;88(2):133–6
Stiffness changes in thermodynamic Nitinol with increasing temperature. Andreasen G, et al. **Angle Orthod** 1985 Apr; 55(2):120–6
The morphological characterization of dental amalgam alloy powders. Davies EH, et al. **Biomaterials** 1984 Nov; 5(6):314–8
The structure and oxidation of two palladium ceramic fusing alloys. Sarkinen E, et al. **Biomaterials** 1985 Mar;6(2):133–7
Fatigue characterization of nine dental amalgams. Zardiackas LD, et al. **Biomaterials** 1985 Jan;6(1):49–54
The development of improved amalgam alloys. Brown D. **Br Dent J** 1984 Dec 22;1[illegible](12):427–31
The clinical evaluation of amalgam alloys. Jacobsen PH. **Br Dent J** 1984 Dec 22;157(12):436–9
A comparison of the effects of two different prophylaxis regimes in vitro on some restorative dental materials. A preliminary SEM study. Patterson CJ, et al. **Br Dent J** 1984 Sep 8;157(5):166–70
The new generation amalgam alloys. Clinical considerations. Jordan RE, et al. **Dent Clin North Am** 1985 Apr; 29(2):341–58
Workshop: biocompatibility of metals in dentistry. National Institute of Dental Research. **J Am Dent Assoc** 1984 Sep; 109(3):469–71
Immediate–polished and as–carved Tytin restorations after three years. Smales RJ, et al. **J Dent** 1985 Jun;13(2):79–83
Evaluation of a Ag–In–Pd casting alloy for preclinical teaching. Bardzinski MA, et al. **J Dent Educ** 1985 Aug; 49(8):589–91
Use of technique metal in preclinical education: effect on student products and performance. Joynt RB, et al. **J Dent Educ** 1985 Feb;49(2):91–4
Microstructures of duplex (beta + gamma) silver–tin alloys. Abbott JR, et al. **J Dent Res** 1985 May;64(5):860–4
Interactive effect of stress and temperature on creep of PFM alloys. Anusavice KJ, et al. **J Dent Res** 1985 Aug; 64(8):1094–9
Spectrometric analysis of the influence of metal substrates on the color of metal–ceramic restorations. Brewer JD, et al. **J Dent Res** 1985 Jan;64(1):74–7
Effect of metal design on marginal distortion of metal–ceramic crowns. DeHoff PH, et al. **J Dent Res** 1984 Nov;63(11):1327–31
Shear testing of the porcelain–metal bond. Drummond JL, et al. **J Dent Res** 1984 Dec;63(12):1400–1
A technique for characterizing casting behavior of dental alloys. Hinman RW, et al. **J Dent Res** 1985 Feb;64(2):134–8
Measurement of oxide adherence to PFM alloys. Mackert JR Jr, et al. **J Dent Res** 1984 Nov;63(11):1335–40
In vitro crevice corrosion behavior of implant materials. Sutow EJ, et al. **J Dent Res** 1985 May;64(5):842–7
Thermal stress failure of porcelain bonded to a palladium–silver alloy. Walton TR, et al. **J Dent Res** 1985 Mar;64(3):476–80
Castability of crown and bridge alloys. Asgar K, et al. **J Prosthet Dent** 1985 Jul;54(1):60–3
Wire reinforcement of acrylic resin prostheses. Carroll CE, et al. **J Prosthet Dent** 1984 Nov;52(5):639–41
Bond strength of cements to nickel–chromium and silver–palladium alloys. Chan KC, et al. **J Prosthet Dent** 1985 Mar;53(3):353–5
Evaluation of ceramic margins for metal–ceramic restorations. Cooney JP, et al. **J Prosthet Dent** 1985 Jul; 54(1):1–5
Effect of a two–step ringless investment technique on alloy castability. Dern WM, et al. **J Prosthet Dent** 1985 Jun; 53(6):874–6
Technique for applying porcelain to pontics of fixed partial dentures. Donovan TE, et al. **J Prosthet Dent** 1985 Jan; 53(1):134–6
Castability of silver–base fixed partial denture alloys. Kaminski RA, et al. **J Prosthet Dent** 1985 Mar;53(3):329–32
Comparative tensile strengths of nonnoble dental alloy solders. Kaylakie WG, et al. **J Prosthet Dent** 1985 Apr; 53(4):455–62
Use of silver alloys to oppose lingual bladed denture teeth. Levin B. **J Prosthet Dent** 1984 Oct;52(4):602–4
Resin retention by immersion–etched alloy. Love LD, et al. **J Prosthet Dent** 1985 May;53(5):623–4
Comparison of bond strengths using one–step and two–step alloy etching techniques. McLaughlin G, et al. **J Prosthet Dent** 1985 Apr;53(4):516–20
Effect of surface treatments on the bond strength of etched–metal resin–bonded retainers. Meiers JC, et al. **J Prosthet Dent** 1985 Feb;53(2):185–90
Tensile strength of presoldered and postsoldered joints. Nicholls JI, et al. **J Prosthet Dent** 1985 Apr;53(4):476–82
Metal denture inserts in the treatment of elongated maxillary tuberosities. Nimmo A. **J Prosthet Dent** 1985 Jun; 53(6):880–1
Rebasing metal–based complete mandibular dentures. Sherman JR Jr, et al. **J Prosthet Dent** 1985 Jan;53(1):130–2
Radiograph stress measurement of porcelain fused to metal. Terada Y. **J Prosthet Dent** 1984 Sep;52(3):349–52
Preliminary observations on clinical use of a base metal casting alloy. Townsend LW, et al. **J Prosthet Dent** 1984 Sep;52(3):370–4
Thermal and abrasive techniques for removal of resins from acid–etched retainers. Ullo CA, et al. **J Prosthet Dent** 1985 Jul;54(1):43–6
A potentiostatic study of the corrosion behavior of anodized and nonanodized aluminum alloy. White KC, et al. **J Prosthet Dent** 1985 Jun;53(6):815–9
Casting accuracy of a nickel and beryllium–free cobalt–chromium alloy for crown and bridge prostheses and resin–bonded bridges. Hansson O. **Swed Dent J** 1985; 9(3):105–15
[Roentgen microanalysis of dental alloys as an aid to identification] Pötsch–Schneider L, et al. **Arch Kriminol** 1984 Nov–Dec;174(5–6):179–84 (Eng. Abstr.) (Ger)
[Precious metals and nonprecious metals in fixed prostheses] Schwickerath H. **Rev Belge Med Dent** 1985 Jan–Feb; 40(1):2–9 (Ger)
[Controlled force–distribution prosthesis made of nonprecious metal] Borio PS, et al. **Minerva Stomatol** 1985 May–Jun;34(3):535–41 (Eng. Abstr.) (Ita)
[Dental casting of NiTi alloys] Hamanaka H, et al. **Kokubyo Gakkai Zasshi** 1984 Sep;51(3):614 (Jpn)
[Method of comparative evaluation of the strength of the joint between dental porcelain and metal] Khokhlov AA. **Med Tekh** 1985 Mar–Apr;(2):52–3 (Rus)

ADVERSE EFFECTS

Quantization of nickel and beryllium leakage from base metal casting alloys. Covington JS, et al. **J Prosthet Dent** 1985 Jul;54(1):127–36

ANALYSIS

The reaction zone around experimental amalgam alloy particles of Ag–Cu eutectic composition. Bryant RW. **J Oral Rehabil** 1985 Jan;12(1):27–36
The reaction zone around commercially available amalgam alloy particles of Ag–Cu eutectic composition. Bryant RW. **J Oral Rehabil** 1985 Jan;12(1):37–48
Microprobe analysis of dental amalgam alloy particles of Ag–Cu eutectic composition. Bryant RW. **J Oral Rehabil** 1984 Nov;11(6):571–8

CLASSIFICATION

Classification system for cast alloys. Council on Dental Materials, Instruments, and Equipment. **J Am Dent Assoc** 1984 Nov;109(5):766

METABOLISM

Binding of corroded ions to human saliva. Mueller HJ. **Biomaterials** 1985 May;6(3):146–9

PHARMACODYNAMICS

[Mechanical properties and fatigue resistance of 3 stellite alloys used in dental prosthesis. 2. Experimentation with clasp retention arms] Martinet CN, et al. **Schweiz Monatsschr Zahnmed** 1984 Nov;94(11):1111–22 (Eng. Abstr.) (Fre)
[Experimental studies of the dependence of the load capacity of metal–ceramic composite hollow cylinders on thermal stress distribution] Lenz J, et al. **Dtsch Zahnarztl Z** 1984 Jul;39(7):535–43 (Eng. Abstr.) (Ger)
[Thoughts on the quality of parapulpal screws] Wirz J. **Schweiz Monatsschr Zahnmed** 1984 Aug;94(8):724–8 (Ger)
[Finishing studies of cast fillings in relation to the material, the instrument, the clearance width and the lining of the cavity margin] Jahn KR, et al. **Zahn Mund Kieferheilkd** 1985;73(3):262–74 (Eng. Abstr.) (Ger)
[Antibacterial properties of dental alloys with different surface treatments] Sandig HC, et al. **Zahn Mund Kieferheilkd** 1984;72(5):436–41 (Eng. Abstr.) (Ger)
[Method for the comparative assessment of the strength of the bonding of dental porcelain and metal] Khokhlov AA. **Stomatologiia (Mosk)** 1985 Mar–Apr;64(2):60–2 (Eng. Abstr.) (Rus)

TOXICITY

In vitro and in vivo biological responses to some dental alloys tested separately and in combinations. Syrjänen S, et al. **Biomaterials** 1985 May;6(3):169–76
[In vitro toxicity of dental materials used in restorative and prosthetic dentistry. II. Alloys, amalgams and their constituent elements] Sbordone L, et al. **Minerva Stomatol** 1984 Nov–Dec;33(6):973–8 (Eng. Abstr.) (Ita)

DENTAL AMALGAM

Gamma 2 phase in conventional dental amalgams—discrete clumps or continuous network? A review. Bryant RW. **Aust Dent J** 1984 Jun;29(3):163–7
Dynamic loading of dental amalgam and effects upon electrochemistry and microstructure. Mueller HJ. **Biomater Med Devices Artif Organs** 1984;12(1–2):75–93
The effect of exposure conditions upon the release of soluble copper and tin from dental amalgams. Mueller HJ, et al. **Biomaterials** 1984 Jul;5(4):194–200
The development of improved amalgam alloys. Brown D. **Br Dent J** 1984 Dec 22;157(12):427–31
The clinical evaluation of amalgam alloys. Jacobsen PH. **Br Dent J** 1984 Dec 22;157(12):436–9
The effect of acid–etching followed by fluoride application on the development of artificial carious lesions around amalgam restorations. Kidd EA, et al. **Br Dent J** 1984 Nov 24;157(10):349–53
Alternatives to amalgam alloys: 1. McLean JW. **Br Dent J** 1984 Dec 22;157(12):432–3
'The longevity of occlusal amalgam restorations in first permanent molars of child patients' [letter] Stanley A. **Br Dent J** 1985 Mar 23;158(6):201
The longevity of occlusal amalgam restorations in first permanent molars of child patients. Walls AW, et al. **Br Dent J** 1985 Feb 23;158(4):133–6
Alternatives to amalgam alloys: 2. Yardley RM. **Br Dent J** 1984 Dec 22;157(12):434–5
The new generation amalgam alloys. Clinical considerations. Jordan RE, et al. **Dent Clin North Am** 1985 Apr; 29(2):341–58
Characteristics of amalgam restorations with variable clinical

appearance. Port RM, et al. **J Am Dent Assoc** 1985 Apr;110(4):491–5

Quantitative evaluation of the wear resistance of posterior dental restorations: a new three-dimensional measuring technique. Lambrechts P, et al. **J Dent** 1984 Sep;12(3):252–67

Immediate-polished and as-carved Tytin restorations after three years. Smales RJ, et al. **J Dent** 1985 Jun;13(2):79–83

The value of an assessment system in a preclinical amalgam exercise. Wiegman JE, et al. **J Dent Educ** 1985 May;49(5):312–5

The response of dental amalgam to dynamic loading. Sutow EJ, et al. **J Dent Res** 1985 Jan;64(1):62–6

Serial measurements of intra-oral air mercury: estimation of daily dose from dental amalgam. Vimy MJ, et al. **J Dent Res** 1985 Aug;64(8):1072–5

Intra-oral air mercury released from dental amalgam. Vimy MJ, et al. **J Dent Res** 1985 Aug;64(8):1069–71

Creep-fatigue as a possible cause of dental amalgam margin failure. Williams PT, et al. **J Dent Res** 1985 Mar;64(3):470–5

Dimensional changes of amalgam as measured by the 'Double-cap' method. Habu H. **J Nihon Univ Sch Dent** 1984 Sep;26(3):202–10

Microprobe analysis of dental amalgam alloy particles of Ag-Cu eutectic composition. Bryant RW. **J Oral Rehabil** 1984 Nov;11(6):571–8

In vitro plaque formation on dental amalgam. Dummer PM, et al. **J Oral Rehabil** 1984 Nov;11(6):539–45

Observations on a calcium hydroxide lining in retrieved deciduous teeth, with proximal amalgam fillings. Grajower R, et al. **J Oral Rehabil** 1984 Nov;11(6):561–9

Effect of oxygen on the corrosion of dental amalgam. Greener EH, et al. **J Oral Rehabil** 1985 Mar;12(2):123–33

In vivo evaluation of occlusal wear of two experimental composites versus amalgam. Hirt T, et al. **J Oral Rehabil** 1984 Nov;11(6):511–20

The fracture toughness (KIC) of amalgam. Lloyd CH, et al. **J Oral Rehabil** 1985 Jan;12(1):59–68

Mercury vapor produced during sterilization of amalgam-contaminated instruments. Cooley RL, et al. **J Prosthet Dent** 1985 Mar;53(3):304–8

Removal of overhanging amalgam: a comparative study of three instruments. Givens EG, et al. **J Prosthet Dent** 1984 Dec;52(6):815–20

Microleakage of conventional and high-copper amalgam restorations. Gottlieb EW, et al. **J Prosthet Dent** 1985 Mar;53(3):355–61

Pin amalgam restoration and pin amalgam foundation. Lambert RL, et al. **J Prosthet Dent** 1985 Jul;54(1):10–2

Preventing proximal gingival overhangs in newly condensed amalgams. Marshall TD, et al. **J Prosthet Dent** 1985 Feb;53(2):288

Quality assessment of amalgam and inlay restorations on posterior teeth: a retrospective study. Molvar MP, et al. **J Prosthet Dent** 1985 Jul;54(1):5–9

Dimensional and phase changes of dental amalgams. Jensen SJ, et al. **Scand J Dent Res** 1985 Aug;93(4):351–6

Electrochemical potentials of amalgam restorations in vivo. Nilner K, et al. **Scand J Dent Res** 1985 Aug;93(4):357–9

Fluoride supplemented and non gamma 2 amalgam. A comparative clinical study into the primary and permanent dentition in children. Petersson LG, et al. **Swed Dent J** 1985;9(2):49–53

A follow-up study of screwpost-retained amalgam crowns. Wallerstedt D, et al. **Swed Dent J** 1984;8(4):165–70

[Improvement of the tooth cavity shape for amalgam filling] Chen WQ. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar;19(1):46–7 (Chi)

[An aqueous solution of 1% PVP-I in the campaign against mercury pollution] De Clerck JP. **Can Dent Assoc J** 1984 Dec;50(12):909–12 (Eng. Abstr.) (Fre)

ADMINISTRATION & DOSAGE

[Permeability of amalgam capsules for mercury vapors] Vesely V, et al. **Schweiz Monatsschr Zahnmed** 1984 Jun;94(6):511–23 (Eng. Abstr.) (Ger)

ADVERSE EFFECTS

Cracks in gold crowns cemented on amalgam restorations. Odén A, et al. **Acta Odontol Scand** 1985 Mar;43(1):15–7

The misuse of the patch test to determine 'hypersensitivity' to mercury amalgam dental fillings. Fisher AA. **Cutis** 1985 Feb;35(2):110, 112, 117

Amalgam tattoos of the oral soft tissue. Hatch CL, et al. **Ear Nose Throat J** 1984 Sep;63(9):416–22

Hypersensitivity to mercury from dental amalgams. Mackert JR Jr. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):877–80

Amalgam tattoo: report of an unusual clinical presentation and the use of energy dispersive X-ray analysis as an aid to diagnosis. McGinnis JP Jr, et al. **J Am Dent Assoc** 1985 Jan;110(1):52–4

Toxicity of silver amalgam: fact or fiction. Raskin RB. **NY State Dent J** 1984 Nov;50(9):582, 585, 587

[Gingival pigmentation caused by dental amalgam. An ultrastructural study] Veron C, et al. **J Biol Buccale** 1984 Dec;12(4):273–86 (Eng. Abstr.) (Fre)

ANALYSIS

Relief formation in polished amalgam surfaces. Leitão J. **Acta Odontol Scand** 1984 Dec;42(6):345–9

Mercury in human breath from dental amalgams. Patterson JE, et al. **Bull Environ Contam Toxicol** 1985 Apr;34(4):459–68

The reaction zone around experimental amalgam alloy particles of Ag-Cu eutectic composition. Bryant RW. **J Oral Rehabil** 1985 Jan;12(1):27–36

The reaction zone around commercially available amalgam alloy particles of Ag-Cu eutectic composition. Bryant RW. **J Oral Rehabil** 1985 Jan;12(1):37–48

Unexpected inorganic elements in oral lesions: results of X-ray energy spectroscopy (XES) on particulate matter in paraffin sections. Levison DA, et al. **J Pathol** 1984 Oct;144(2):119–29

Maximum contents of mercury in dental silver amalgams. Jensen SJ. **Scand J Dent Res** 1985 Feb;93(1):84–8

Man's mercury loading from a dental amalgam. Brune D, et al. **Sci Total Environ** 1985 Jul;44(1):51–63

[Scanning electron microscopic studies of rubber-polished amalgam fillings] Geurtsen W. **Dtsch Zahnarztl Z** 1984 Jul;39(7):529–31 (Ger)

HISTORY

Dr. Black and the 'amalgam question'. Cannon MS, et al. **J Hist Med Allied Sci** 1985 Jul;40(3):309–26

PHARMACODYNAMICS

[Amalgam condensation—mechanical or manual?] Mayer R. **Dtsch Zahnarztl Z** 1984 Sep;39(9):736–40 (Eng. Abstr.) (Ger)

[Mechanical condensers—their effect on the quality of different amalgam types] Wirz J, et al. **Schweiz Monatsschr Zahnmed** 1984 Nov;94(11):1132–49 (Eng. Abstr.) (Ger)

[Serial analysis of the polishing capacity of 3 spherical amalgams in 1 visit] Nonato M, et al. **Minerva Stomatol** 1985 Mar–Apr;34(2):279–85 (Eng. Abstr.) (Ita)

[Reconstruction of a dowel with a metal and amalgam root canal post] Solimei GE. **Minerva Stomatol** 1985 Jan–Feb;34(1):17–9 (Ita)

THERAPEUTIC USE

[Criteria for choosing an amalgam in 1983] Elbaum R. **Rev Odontostomatol (Paris)** 1984 May–Jun;13(3):191–7 (Eng. Abstr.) (Fre)

[Clinical study of amalgam fillings with different lifetimes] Nowak M, et al. **Dtsch Zahnarztl Z** 1984 Sep;39(9):732–5 (Eng. Abstr.) (Ger)

[Approximal surfaces of class II amalgam fillings] Keszthelyi G. **Fogorv Sz** 1985 Mar;78(3):83–9 (Eng. Abstr.) (Hun)

TOXICITY

The effect of zinc on the biocompatibility of dental amalgams in vitro. Meryon SD. **Biomaterials** 1984 Sep;5(5):293–7

Toxic effects of Cu implants on liver. Keller JC, et al. **Fundam Appl Toxicol** 1984 Oct;4(5):778–83

Cytotoxicity of corroded and non-corroded dental silver amalgams. Milleding P, et al. **Scand J Dent Res** 1985 Feb;93(1):76–83

DENTAL ARCH

Cosmetic considerations of dental arch form and function in managing the aging face. Reiter D, et al. **Ear Nose Throat J** 1984 Sep;63(9):432–9

ABNORMALITIES

[Symmetrographic analysis of the hard palate in orthognathic bite, narrowed dental arches and open bite] Zhulev EN. **Stomatologiia (Mosk)** 1985 Jan–Feb;64(1):49–51 (Eng. Abstr.) (Rus)

ANATOMY & HISTOLOGY

A comparison of arch widths in adults with normal occlusion and adults with class II, Division 1 malocclusion. Staley RN, et al. **Am J Orthod** 1985 Aug;88(2):163–9

[Survey of dental, dental arch and facial forms of 5 nationalities in the northwest district] Ai KH. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Jan;20(1):41–4 (Chi)

[Structure of the dentition in young adults. An epidemiological study in Finnish students] Laine T. **Proc Finn Dent Soc** 1985;81(1):55–6 (Eng. Abstr.) (Fin)

[Pathogenesis of spontaneous late changes in the dental arches] Coutand A, et al. **Rev Stomatol Chir Maxillofac** 1984;85(4):273–5 (Eng. Abstr.) (Fre)

GROWTH & DEVELOPMENT

[Development of the dental arch in males aged 14–18 years from the prosthodontic viewpoint] Fábián T, et al. **Fogorv Sz** 1984 Oct;77(10):303–5 (Hun)

PATHOLOGY

Dentofacial relationships in persons with unoperated clefts: comparisons between three cleft types. Bishara SE, et al. **Am J Orthod** 1985 Jun;87(6):481–507

Maxillary dental arch growth in different types of cleft. Wada T, et al. **Cleft Palate J** 1984 Jul;21(3):180–92

PHYSIOLOGY

[Anteroposterior pressure of the lips on the lower dental arch in the Neolithic period] Fraudet JR. **Rev Stomatol Chir Maxillofac** 1984;85(5):438–40 (Eng. Abstr.) (Fre)

DENTAL ARTICULATORS see under **DENTAL EQUIPMENT**

DENTAL ASSISTANTS

[Chair-side assistance from dental nurses] Liu FL. **Chung Hua Hu Li Tsa Chih** 1985 Apr;20(2):91–2 (Chi)

EDUCATION

Standards and training of DSAs [letter] **Br Dent J** 1985 May 25;158(10):356

UTILIZATION

Delegation of expanded functions to dental assistants and hygienists. Chapko MK, et al. **Am J Public Health** 1985 Jan;75(1):61–5

DENTAL AUXILIARIES

Pneumoconiosis and exposures of dental laboratory technicians. Rom WN, et al. **Am J Public Health** 1984 Nov;74(11):1252–7

The effects of denturism on denture prices. Rosenstein DI, et al. **Am J Public Health** 1985 Jun;75(6):671–2

Illegal practice of dentistry [letter] **Br Dent J** 1985 Mar 9;158(5):157

Illegal practice of dentistry [letter] **Br Dent J** 1985 Feb 9;158(3):82

Denturism. Bates J. **Br Dent J** 1985 Mar 9;158(5):159–60

Denturism—no objections but... Lynn AM. **Br Dent J** 1985 Mar 9;158(5):160

Manpower and the future role of dentistry in developing countries. Songpaisan Y. **Int Dent J** 1985 Mar;35(1):78–82

Vaccination of a county dental society against hepatitis B. Molthen RA, et al. **J Am Dent Assoc** 1985 Jan;110(1):62–4

The practical duties of frontier dental auxiliaries in Alaskan communities: a progress report. Dunning JM. **J Public Health Dent** 1984 Fall;44(4):138–40

EDUCATION

A postgraduate dental training program for treatment of persons with disabilities. Stiefel DJ, et al. **J Dent Educ** 1985 Feb;49(2):85–90

UTILIZATION

The employment of dental auxiliary personnel in private practice: a survey report. Stewart AJ, et al. **Aust Dent J** 1984 Jun;29(3):172–4

DENTAL BRIDGEWORK see **DENTURE, PARTIAL**

DENTAL CALCULUS

ANALYSIS

On the physicochemistry of plaque calcification and the phase composition of dental calculus. Driessens FC, et al. **J Periodont Res** 1985 May;20(3):329–36

Crystallography of supragingival and subgingival human dental calculus. Sundberg M, et al. **Scand J Dent Res** 1985 Feb;93(1):30–8

[Dental calculus: analysis with infrared and emission spectroscopy] Hou YZ. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Jan;20(1):29–31, 63–4 (Eng. Abstr.) (Chi)

ETIOLOGY

Evaluation of 2-phosphono-butane 1,2,4 tricarboxylate as a crystal growth inhibitor in vitro and in vivo. Gaffar A, et al. **J Dent Res** 1985 Jan;64(1):6–11

PATHOLOGY

Calcified microbial plaque. Dental calculus of dogs. Coignoul E, et al. **Am J Pathol** 1984 Dec;117(3):499–501

PREVENTION & CONTROL

The effect of soluble pyrophosphates on dental calculus in adults. Zacherl WA, et al. **J Am Dent Assoc** 1985 May;110(5):737–8

THERAPY

The effectiveness of hand versus ultrasonic instrumentation in open flap root planing. Hunter RK, et al. **J Periodontol** 1984 Dec;55(12):697–703

[Tartar removal by hand instruments and by ultrasonic apparatus. Current approaches and recent findings] Picarelli A, et al. **Minerva Stomatol** 1984 Sep–Oct;33(5):801–9 (48 ref.) (Eng. Abstr.) (Ita)

VETERINARY

Dental calculus and periodontal disease in sheep. Baker JR, et al. **Vet Rec** 1984 Oct 20;115(16):411–2

DENTAL CARE

see related

COMPREHENSIVE DENTAL CARE

Dental health, dental care, and dietary habits in children in different parts of Sweden. Stecksén-Blicks C, et al. **Acta Odontol Scand** 1985 Mar;43(1):59-67

Utilization of dental services in the United States and an insured population. Grembowski D, et al. **Am J Public Health** 1985 Jun;75(1):87-9

Antibiotic therapy in the management of infections in dental patients. Gardner AF. **Ann Dent** 1982 Summer;41(1):7-22

A survey of 200 pediatric dental general anesthesia cases. Enger DJ, et al. **ASDC J Dent Child** 1985 Jan-Feb; 52(1):36-41

Guidelines for dental treatment: dentistry and pregnancy. Statement from the National Health and Medical Research Council. **Aust Dent J** 1984 Aug;29(4):265-6

Prilocaine in pregnancy [letter] Turnbull R, et al. **Aust Dent J** 1985 Feb;30(1):58

'Six-monthly examinations for dental caries' [letter] **Br Dent J** 1985 Jul 6;159(1):6-7

Drilling for gold [letter] **Br Dent J** 1984 Aug 11;157(3):82-3

'Our elderly: Top priority' [letter] **Br Dent J** 1984 Dec 8; 157(11):382-3

HEC dental health campaign 1985. Bettles R. **Br Dent J** 1985 Feb 9;158(3):83

Inner city Britain: a challenge for the dental profession. A review of dental and related deprivation in inner city Newcastle upon Tyne. Carmichael CL. **Br Dent J** 1985 Jul 6;159(1):24-7

Some Asian communities in the UK and their culture. Gelbier S, et al. **Br Dent J** 1985 Jun 8;158(11):416-8

Dentistry behind the iron curtain. Hawkins MW. **Br Dent J** 1985 Mar 9;158(5):189-90

Care for older people. Kail BI. **Br Dent J** 1985 May 11; 158(9):320

Dental demands of elderly people living at home in Hertfordshire. Kail BI, et al. **Br Dent J** 1984 Aug 11; 157(3):94-7

Is antibiotic prophylaxis required for dental patients with joint replacements? McGowan DA, et al. **Br Dent J** 1985 May 11;158(9):336-8

Antimicrobial prophylaxis of endocarditis [letter] Scully C, et al. **Br Dent J** 1985 Feb 23;158(4):120

Oral health status and needs of the elderly in Quebec. Simard PL, et al. **Can Dent Assoc J** 1985 Jan;51(1):43-6

Be prepared for medical emergencies in the dental office. Zweig S, et al. **Can Dent Assoc J** 1985 Mar;51(3):198-9

Caries and total extraction in a medium-sized city in the Netherlands. Bouma J, et al. **Community Dent Oral Epidemiol** 1985 Jun;13(3):168-72

Cross validation of model predicting (ir)regularity of dental attendance. Duivenvoorden HJ, et al. **Community Dent Oral Epidemiol** 1984 Oct;12(5):349-50

Dental status and dental needs of an elderly population in Israel. Mann J, et al. **Community Dent Oral Epidemiol** 1985 Jun;13(3):156-8

Twenty years of dental treatment in the Dutch Armed Forces. Meeuwissen R, et al. **Community Dent Oral Epidemiol** 1985 Jun;13(3):123-4

Oral hygiene, dental visits and age of denture for prevalence of denture stomatitis. Mikkonen M, et al. **Community Dent Oral Epidemiol** 1984 Dec;12(6):402-5

Socioeconomic demand model for dental visits. Petersen PE, et al. **Community Dent Oral Epidemiol** 1984 Dec; 12(6):361-5

Stimulating dental attendance in the Netherlands: comparison of three conceptual frameworks. ter Horst G, et al. **Community Dent Oral Epidemiol** 1985 Jun;13(3):136-9

Demand for dental care in Sri Lanka. Warnakulasuriya S. **Community Dent Oral Epidemiol** 1985 Apr;13(2):68-9

Dental caries and dental treatment in the primary dentition in an industrialized South African community. Williams SD, et al. **Community Dent Oral Epidemiol** 1985 Jun; 13(3):173-5

Social, economic, and political forces in quality assurance. Schoen MH. **Dent Clin North Am** 1985 Jul;29(3):449-55

Unnecessary dental treatment of headache patients for temporomandibular joint disorders. Reik L Jr. **Headache** 1985 Jul;25(5):246-8

Surgical emergencies in the dental office. Hardman EG. **Int Dent J** 1984 Dec;34(4):245-8

The dentists' responsibility to health care delivery. Perry HT. **J Am Coll Dent** 1985 Spring;52(1):12-7

Code on dental procedures and nomenclature. Council on Dental Care Programs. **J Am Dent Assoc** 1985 Mar; 110(3):389-93

Treating dental problems. **J Am Dent Assoc** 1985;Spec No:37-46

Choosing a dentist. **J Am Dent Assoc** 1985;Spec No:65-6

Parents questions & answers. **J Am Dent Assoc** 1985;Spec No:22-34

Clinical uses of fluorides: a state-of-the-art conference on the uses of fluorides in clinical dentistry. **J Am Dent Assoc** 1984 Sep;109(3):472-4

Prevention of bacterial endocarditis: a committee report of the American Heart Association. Council on Dental Therapeutics. **J Am Dent Assoc** 1985 Jan;110(1):98-100

Recommendations questioned [letter] Bender IB. **J Am Dent Assoc** 1985 Jun;110(6):874

Bacterial endocarditis: a consideration for physician and dentist. Bender IB, et al. **J Am Dent Assoc** 1984 Sep; 109(3):415-20

Dental treatment during pregnancy: a preventive approach. Chiodo GT, et al. **J Am Dent Assoc** 1985 Mar;110(3):365-8 (39 ref.)

Internal marketing and quality assurance through patient feedback. Kress GC Jr, et al. **J Am Dent Assoc** 1985 Jan; 110(1):29-34

The demand for dental care: evidence from a randomized trial in health insurance. Manning WG, et al. **J Am Dent Assoc** 1985 Jun;110(6):895-902

Opinion study comparing attitudes about dental health. O'Neill HW. **J Am Dent Assoc** 1984 Dec;109(6):910-5

Concern with drugs during pregnancy [letter] Wiggin LL. **J Am Dent Assoc** 1985 Jun;110(6):874, 876

Oral health status in the United States: problems of special patients. Beck JD, et al. **J Dent Educ** 1985 Jun;49(6):407-26

Changing patient needs and their impact on clinical education. Colman HL, et al. **J Dent Educ** 1985 Sep; 49(9):636-9

Proceedings of the American Academy of Oral Medicine. The medical history. Special Committee for Clinical Investigation—report no. 1. Terezhalmy GT. **J Oral Med** 1982 Oct-Dec;37(4):141-3

Treatment needs of overdenture patients in a longitudinal study: five-year results. Ettinger RL, et al. **J Prosthet Dent** 1984 Oct;52(4):532-7

Dental treatment and demand for services in a Veterans Administration Nursing Home Care Unit. Benson BH, et al. **J Public Health Dent** 1984 Fall;44(4):147-55

An introduction to problems of dental ethics. Halsband ER. **Med Law** 1984;3(4):377-81

Need for computer digest of dental information for quality control application in the dental office. Mayo L. **NY J Dent** 1985 Jun-Aug;55(5):174-5

Management of the ambulatory older patient. Axelband AA. **NY State Dent J** 1985 Jan;51(1):21-3

Prescribing and disclosing. Beal JA. **NY State Dent J** 1984 Aug-Sep;50(7):428-30

Realistic pain control for the general practitioner. Di Bona LB. **NY State Dent J** 1984 Aug-Sep;50(7):422, 424

Controlling acute pain in dentistry. Part I. Zambito RF. **NY State Dent J** 1984 Aug-Sep;50(7):420-1

Diabetes mellitus and the dental patient. Firkin DJ, et al. **NZ Dent J** 1985 Jan;81(363):7-11

New recommendation for prevention of bacterial endocarditis [editorial] Little JW. **Oral Surg Oral Med Oral Pathol** 1985 Apr;59(4):358-9

Relative value of screening tests of hemostasis prior to dental treatment. Redding SW, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):34-6

The pediatrician's role in dental care [editorial] Levine MI. **Pediatr Ann** 1985 Feb;14(2):100, 101

Attendance pattern and continuity of dental care of Finnish adults over a 5 year period. Nyyssönen V, et al. **Soc Sci Med** 1984;19(7):677-81

[Caries of the deciduous teeth and dental care of Finnish children] Milén A. **Proc Finn Dent Soc** 1985;81(1):57-62 (Eng. Abstr.) (Fin)

[Prevention of bacterial endocarditis] Maeglin B. **Schweiz Monatsschr Zahnmed** 1984 Nov;94(11):1169-70 (Ger)

[Bacteriological studies of dental units in conservative dentistry as well as requirements and recommendations for hygiene in dental practice] Metz H, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec; 179(6):496-507 (Eng. Abstr.) (Ger)

[Prevention of endocarditis and dental treatment] Girão F, et al. **Rev Port Estomatol Cir Maxilofac** 1984 Jan-Mar; 25(1):667-78 (9 ref.) (Eng. Abstr.) (Por)

ADVERSE EFFECTS

Aspiration of foreign bodies during dental procedures. ElBadrawy HE. **Can Dent Assoc J** 1985 Feb;51(2):145-7

ECONOMICS

The cost of general dental service treatment provided for dentate adults in Scotland. Nuttall NM. **Br Dent J** 1984 Sep 8;157(5):160-4

Economic growth of the dental profession: comparisons with other health care sectors. Gotowka TD. **J Am Dent Assoc** 1985 Feb;110(2):179-87

The effect of cost sharing on the quality of dental care. Bailit HL, et al. **J Dent Educ** 1984 Nov;48(11):597-605

Economic specification of cost estimates in dental programs. Doherty NJ, et al. **J Dent Res** 1985 Jun;64(6):922-4

A comparison of dental treatment plans under different reimbursement systems. Hazelkorn HM. **J Public Health Policy** 1985 Jun;6(2):223-35

LEGISLATION & JURISPRUDENCE

The Canada Health Act and its implications for dentistry. Dunn WJ. **Can Dent Assoc J** 1984 Sep;50(9):679-81

Origins of paternalism. Segal H, et al. **Med Law** 1985; 4(3):269-73

METHODS

Drilling for gold [letter] **Br Dent J** 1984 Aug 25;157(4):120-1

[Dental care for radiotherapy patients] Baumann M. **Schweiz Monatsschr Zahnmed** 1984 Oct;94 Spec No:946-50 (Eng. Abstr.) (Ger)

[Epilepsy and dentistry] Marques AB. **Rev Port Estomatol Cir Maxilofac** 1984 Jan-Mar; 25(1):641-8 (Eng. Abstr.) (Por)

[Quantum hemotherapy (history of the development of the method, its mechanism of action and prospects for its use in dentistry)] Karandashov VI, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):84-6 (53 ref.) (Rus)

ORGANIZATION & ADMINISTRATION

[Status of conversion of ergonomic requirements in the dentistry work environment] Götzel F, et al. **Z Arztl Fortbild (Jena)** 1985;79(1):35-9 (Ger)

PSYCHOLOGY

Prevalence of dentistry phobia and its relation to missing teeth, alveolar bone loss and dental care habits in an urban community sample. Hällström T, et al. **Acta Psychiatr Scand** 1984 Nov;70(5):438-46

Dentists' characteristics and child behavior management techniques. Glasrud PH. **ASDC J Dent Child** 1984 Sep-Oct; 51(5):337-43

First encounter of child and dentist: an analysis of the introductory session. Grinberg S, et al. **ASDC J Dent Child** 1984 Nov-Dec;51(6):438-40

Hand-over-mouth behavior management technique in a solo pedodontic practice: a study. Hartmann C, et al. **ASDC J Dent Child** 1985 Jul-Aug;52(4):293-6

An innovative approach to working with parents. Martin BJ, et al. **ASDC J Dent Child** 1984 Nov-Dec;51(6):434-7

A psychophysiological therapy for dental fear. Berggren U, et al. **Behav Res Ther** 1984;22(5):487-92

Anxiety, pain and type of dental procedure. Kent G. **Behav Res Ther** 1984;22(5):465-9

Acquisition of blood and dental phobia and anxiety response patterns in clinical patients. Öst LG, et al. **Behav Res Ther** 1985;23(1):27-34

Dental pessimism: negative cognitions in fearful dental patients. Wardle J. **Behav Res Ther** 1984;22(5):553-6

Developing cooperative patient behaviour in the dental setting. King NJ, et al. **Can Dent Assoc J** 1985 Feb; 51(2):151-4

Usefulness of two psychometric scales in Swedish patients with severe dental fear. Berggren U, et al. **Community Dent Oral Epidemiol** 1985 Apr;13(2):70-4

Psychometric measures of dental fear. Berggren U, et al. **Community Dent Oral Epidemiol** 1984 Oct;12(5):319-24

Dental anxiety and DMFS status: association within a US naval population versus differences between groups. Cohen ME. **Community Dent Oral Epidemiol** 1985 Apr;13(2):75-8

Dimensionality of dental anxiety measurements. Schuurs AH, et al. **Community Dent Oral Epidemiol** 1985 Jun;13(3):152-5

Hypnosis: a tool for an integrative approach in the treatment of the gagging reflex. Eli I, et al. **Int J Clin Exp Hypn** 1985 Apr;33(2):99-108

Behavioral management in dentistry. Melamed BG. **Int J Psychosom** 1984;31(4):11-6

In vivo desensitization using meditation-hypnosis in the treatment of tactile-induced gagging in a dental patient. Morse DR, et al. **Int J Psychosom** 1984;31(3):20-3

Overcoming dental anxiety. **J Am Dent Assoc** 1985;Spec No:41

Dentists' management of patients' fear and anxiety. Corah NL, et al. **J Am Dent Assoc** 1985 May;110(5):734-6

Effects of dentists' behavior on patients' attitudes. Gale EN, et al. **J Am Dent Assoc** 1984 Sep;109(3):444-6

The use of contingent audiotaped material with pediatric dental patients. Ingersoll BD, et al. **J Am Dent Assoc** 1984 Nov;109(5):717-9

A review of nonintrusive therapies used to deal with anxiety and pain in the dental office. Sokol DJ, et al. **J Am Dent Assoc** 1985 Feb;110(2):217-22

Development of a patient measure of satisfaction with the dentist: the Dental Visit Satisfaction Scale. Corah NL, et al. **J Behav Med** 1984 Dec;7(4):367-73

The effects of graded exposure and parental modeling on the dental phobias of a four-year-old girl and her mother. Kleges RC, et al. **J Behav Ther Exp Psychiatry** 1984 Jun; 15(2):161-4

Demand effects for desensitization and two placebos in a dental fear context. Landau DL, et al. **J Behav Ther Exp Psychiatry** 1984 Jun;15(2):115-21

Expectancy effects on anxiety and self-generated cognitive strategies in high and low dental-anxious females. Richardson SS, et al. **J Behav Ther Exp Psychiatry** 1984 Sep;15(3):241-7

Anxiety in the child dental clinic. Williams JM, et al. **J Child Psychol Psychiatry** 1985 Mar;26(2):305-10

Dental fear and avoidance: a comparison of two modes of treatment. Berggren U, et al. **J Dent Res** 1984 Oct; 63(10):1223-7

Difficult denture patients: observations and hypothesis. Pitts WC. **J Prosthet Dent** 1985 Apr;53(4):532-4

Reduction of patient stress and the patient-dentist relationship. Corah NL. **NY State Dent J** 1984 Oct; 50(8):478-9

A dental phobia clinic. Kaplan AS, et al. **NY State Dent J** 1984 Oct;50(8):491-2

Management of dental behaviour problems. A 5-year follow-up. Holst A, et al. **Swed Dent J** 1984;8(5):243-9

[Clinical trial of the action of a benzodiazepine (Lexotan) on the behavior of the anxious patient in dental outpatient care] Debernardi G, et al. **Minerva Stomatol** 1985 Mar–Apr; 34(2):323–8 (Eng. Abstr.) (Ita)

[Prediction of the psychoemotional state of younger schoolchildren during dental treatment] Solov'ev MM, et al. **Stomatologiia (Mosk)** 1985 Jan–Feb;64(1):55–8 (Eng. Abstr.) (Rus)

STANDARDS

Quality assurance and development of criteria and standards. Bailit HL. **Dent Clin North Am** 1985 Jul;29(3):457–63

A comprehensive quality assurance system for practicing dentists. Demby NA, et al. **Dent Clin North Am** 1985 Jul; 29(3):545–56

Quality assurance and marketing. Demby NA. **Dent Clin North Am** 1985 Jul;29(3):605–14

Development of criteria and standards for dental care. Friedman JW. **Dent Clin North Am** 1985 Jul;29(3):465–75

Quality assurance. A reviewer's perspective. Harbo JN, et al. **Dent Clin North Am** 1985 Jul;29(3):589–93

Dental quality assurance. A federal overview. Hillsman JT, et al. **Dent Clin North Am** 1985 Jul;29(3):477–82

Perspective of the third parties. Hooper SD. **Dent Clin North Am** 1985 Jul;29(3):507–19

Quality assurance and the dentist–patient relationship. Kerr IL. **Dent Clin North Am** 1985 Jul;29(3):551–8

The dental profession's commitment to quality assurance. Klyop JS. **Dent Clin North Am** 1985 Jul;29(3):521–30

Quality assurance and prepaid programs. Marcus M. **Dent Clin North Am** 1985 Jul;29(3):497–506

Quality assurance and the role of self–evaluation and continuing education. Milgrom P, et al. **Dent Clin North Am** 1985 Jul;29(3):531–44

Risk management in the dental office. Pollack BR. **Dent Clin North Am** 1985 Jul;29(3):557–80

The role of the consumer in quality assurance. Tolpin BB. **Dent Clin North Am** 1985 Jul;29(3):595–604

TRENDS

Quality Assurance. Historical perspective and critical issues. Burakoff RP, et al. **Dent Clin North Am** 1985 Jul; 29(3):427–36

Hospital dental statistics: an update. Council on Hospital and Institutional Dental Services. **J Am Dent Assoc** 1985 Feb; 110(2):241–3

[New tasks in the further improvement of dental care for the population] **Stomatologiia (Mosk)** 1985 Jan–Feb; 64(1):4–6 (Rus)

DENTAL CARE FOR HANDICAPPED

Disabled adults in sheltered employment: an assessment of dental needs and costs. Strauss RP, et al. **Am J Public Health** 1985 Jun;75(6):661–3

Assessment of the autistic patient's dental needs and ability to undergo dental examination. Lowe O, et al. **ASDC J Dent Child** 1985 Jan–Feb;52(1):29–35

A directory of dental services for the disabled. Brown JP, et al. **Aust Dent J** 1984 Aug;29(4):238–41

Dental treatment for the elderly [editorial] Harris R. **Aust Dent J** 1985 Apr;30(2):137–8

Corticosteroid therapy and the dental patient. Luyk NH, et al. **Br Dent J** 1985 Jul 6;159(1):12–7

Haemophilia and dentistry. Hackland C. **Can Dent Assoc J** 1985 Jun;51(6):422

Community responses to the disabled and the dental profession's responsibility. Levine N. **Can Dent Assoc J** 1985 Jan;51(1):35–40

The dental management of medically compromised patients. Goss AN. **Int Dent J** 1984 Dec;34(4):227–31

Alzheimer's disease [letter] Carlson MR. **J Am Dent Assoc** 1985 May;110(5):668, 670

The identification of the medically compromised patient in dental practice. Dunne SM, et al. **J Dent** 1985 Mar; 13(1):45–51

Domiciliary dental care for handicapped elderly people. Steele L. **J Dent** 1984 Dec;12(4):328–33

Curriculum guidelines for dentistry for the person with a handicap. **J Dent Educ** 1985 Feb;49(2):118–22

Oral health status in the United States: problems of special patients. Beck JD, et al. **J Dent Educ** 1985 Jun;49(6):407–26

A postgraduate dental training program for treatment of persons with disabilities. Stiefel DJ, et al. **J Dent Educ** 1985 Feb;49(2):85–90

A board game for sensitizing dental students to children with special needs. Udin RD, et al. **J Dent Educ** 1985 Feb; 49(2):111–4

Effect of general practice residency training on providing care for the developmentally disabled. Weintraub JA, et al. **J Dent Educ** 1985 May;49(5):321–3

Dental responsibility for the medically compromised patient. 4. Fay JT, et al. **J Oral Med** 1984 Oct–Dec;39(4):218–23, 245

Hemangioma of the tongue and adjacent structures (a case report). Schneider PE. **J Oral Med** 1985 Jul–Sep; 40(3):115–9

Dental treatment of patients with myasthenia gravis. Shaw DH, et al. **J Oral Med** 1982 Oct–Dec;37(4):118–20

Provision of dental care for elderly handicapped people. A community dental officer's view. Steele L. **J R Soc Health** 1984 Dec;104(6):208–9

Teaching the handicapped to fish. Coffee L. **NY State Dent J** 1985 Jun–Jul;51(6):335–9

Dentistry for the mentally retarded and physically handicapped in Florida. Epstein DN, et al. **NY State Dent J** 1985 Jun–Jul;51(6):355–6

Clinical opportunities in dentistry for the elderly and other underserved groups. Garverick CM. **NY State Dent J** 1985 Jan;51(1):39–40

Dental treatment of the handicapped patient. Kosan AS. **NY State Dent J** 1985 Jun–Jul;51(6):351–3

Serving the dental needs of the handicapped with compassion and concern. Lavinio JS Jr. **NY State Dent J** 1985 Jun–Jul; 51(6):345–6

The role of government in dental services to the developmentally disabled. Reynolds WE. **NY State Dent J** 1985 Jun–Jul;51(6):341–3

Dental health and dental care in severely mentally retarded children. Forsberg H, et al. **Swed Dent J** 1985;9(1):15–28

METHODS

Dental care for the patient with Alzheimer's disease. Niessen LC, et al. **J Am Dent Assoc** 1985 Feb;110(2):207–9

A protocol for the treatment of hepatitis patients. Heuer GA, et al. **J Dent Educ** 1985 Aug;49(8):396–8

Dental responsibility for the medically compromised patient. 3. Fay JT, et al. **J Oral Med** 1984 Jul–Sep;39(3):148–56

Assessing the risk of angina for dental therapy. Farkas JA, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug; 58(2):253–6

ORGANIZATION & ADMINISTRATION

Administrative considerations for a hospital–based dental clinic for the handicapped. Healey–Sedutto M. **NY State Dent J** 1985 Jun–Jul;51(6):347–9

STANDARDS

[Condition of the teeth of mentally retarded adolescents deprived of planned stomatological care] Strużak–Wysokińska M, et al. **Wiad Lek** 1984 Apr 15; 37(8):619–24 (Eng. Abstr.) (Pol)

DENTAL CARE PLANS see **INSURANCE, DENTAL**

DENTAL CARIES

see related
CARIOGENIC AGENTS
CARIOSTATIC AGENTS
DIET, CARIOGENIC

Abstracts of papers presented at the 31st ORCA congress. European Organization for Caries Research. July 4–7, 1984, Noordwijkerhout, The Netherlands. **Caries Res** 1985; 19(2):153–92

CHEMICALLY INDUCED

Potential cariogenicity of Lycasin 80/55 before and after repeated transmissions of the dental plaque flora in rats. Havenaar R, et al. **Arch Oral Biol** 1984;29(12):993–9

The effect of undissociated acetic–acid concentration of buffer solutions on artificial caries–like lesion formation in human tooth enamel. Theuns HM, et al. **Arch Oral Biol** 1984;29(10):759–63

The effects of sugar–based medicines on the dental health of sick children [letter] Bell C. **Br Dent J** 1984 Nov 10; 157(9):303

The influence of the composition of demineralizing buffers on the surface layers of artificial carious lesions. Theuns HM, et al. **Caries Res** 1984;18(6):509–18

[Relation between tetracyclines and tooth discoloration and dental caries] Liu BQ. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):107–9 (Chi)

COMPLICATIONS

Tetanus associated with dental sepsis. Babajews A, et al. **Br J Oral Maxillofac Surg** 1985 Feb;23(1):36–40

The dental status of children with chronic renal failure. Wolff A, et al. **Int J Pediatr Nephrol** 1985 Apr–Jun;6(2):127–32

Intraoral comparison of calcium hydroxide (Calnex) alone and in combination with Ledermix in first permanent mandibular molars using two direct inspection criteria. Santini AH. **J Dent** 1985 Mar;13(1):52–9

DIAGNOSIS

Six–monthly examinations for dental caries. Elderton RJ. **Br Dent J** 1985 May 25;158(10):370–4 (30 ref.)

An in vitro study of restorative dental treatment decisions and dental caries. Merrett MC, et al. **Br Dent J** 1984 Aug 25;157(4):128–33

Fluoride syndrome [letter] Millman CK. **Br Dent J** 1984 Nov 24;157(10):341

A comparison of fibre–optic transillumination with bitewing radiographs. Mitropoulos CM. **Br Dent J** 1985 Jul 6; 159(1):21–3

The use of fibre–optic transillumination in the diagnosis of posterior approximal caries in clinical trials. Mitropoulos CM. **Caries Res** 1985;19(4):379–84

Correlation between some salivary tests, oral hygiene and caries in children. Wöltgens JH, et al. **J Biol Buccale** 1984 Sep;12(3):247–52

A comparison of digital and optical criteria for detecting carious dentin. Anderson MH, et al. **J Prosthet Dent** 1985 May;53(5):643–6

Diagnostic accuracy on detection of proximal enamel lesions in nonscreen radiographic performance. Okano T, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):543–7

Accuracy at radiography and probing for the diagnosis of proximal caries. Mejàre I, et al. **Scand J Dent Res** 1985 Apr;93(2):178–84

[Use of fiber optics in a transillumination technic for the diagnosis of caries] Re G, et al. **Minerva Stomatol** 1984 Sep–Oct;33(5):797–9 (Eng. Abstr.) (Ita)

[Diagnosis of the condition of the enamel by the bioelectrical potential of the tooth surface] Kharchenko VN. **Stomatologiia (Mosk)** 1984 Nov–Dec;63(6):14–5 (Eng. Abstr.) (Rus)

DRUG THERAPY

Soluble calcium–enhanced remineralization of artificial caries lesions with monofluorophosphate. Mellberg JR, et al. **Caries Res** 1984;18(5):416–20

ETIOLOGY

Relationship between dietary habits and caries increment assessed over two years in 405 English adolescent school children. Rugg–Gunn AJ, et al. **Arch Oral Biol** 1984; 29(12):983–92

Dental caries related to liquid medication intake in young cardiac patients. Feigal RJ, et al. **ASDC J Dent Child** 1984 Sep–Oct;51(5):360–2

The effects of sugar–based medicines on the dental health of sick children [letter] Hobson P. **Br Dent J** 1985 Feb 9;158(3):82

The effects of sugar–based medicines on the dental health of sick children. Hobson P. **Br Dent J** 1984 Sep 8; 157(5):155–6

Rampant caries due to an uncommon medical problem: report of a case. Abdullah F, et al. **Can Dent Assoc J** 1984 Sep; 50(9):711–3

Sugar in medications: the covert contributor to dental disease. Chudakov BK. **Can Dent Assoc J** 1984 Aug;50(8):612–4

Sweeteners in medications: a risk to healthy teeth. Hart A. **Can Med Assoc J** 1984 Oct 1;131(7):806–7

Intraoral demineralization and maltose clearance from wheat starch. Brudevold F, et al. **Caries Res** 1985;19(2):136–44

Experimental secondary caries around restorations in roots. Derand T, et al. **Caries Res** 1984;18(6):548–54

Cariogenic potential of liquid medications in rats (short communication). Greenwood M, et al. **Caries Res** 1984; 18(5):447–9

Effect of calcium lactate and calcium lactophosphate on caries activity in programme–fed rats (short communication). van der Hoeven JS. **Caries Res** 1985; 19(4):368–70

Nutrition and health in childhood: causal and quantitative interpretations of dental caries. Persson LA, et al. **Community Dent Oral Epidemiol** 1984 Dec;12(6):390–7

Ecology of dental caries. Leous P. **Ecol Dis** 1983;2(4):285–90

The effect of radiation on teeth. A clinical, histologic and microradiographic study. Anneroth G, et al. **Int J Oral Surg** 1985 Jun;14(3):269–74

A sweet dispute [letter] Newbrun E. **J Am Dent Assoc** 1985 Apr;110(4):462, 464

The effect of X–radiation on the susceptibility of enamel to an artificial caries–like attack in vitro. Joyston–Bechal S. **J Dent** 1985 Mar;13(1):41–4

The effect of malnutrition on caries development and saliva composition in the rat. Johansson I, et al. **J Dent Res** 1985 Jan;64(1):37–43

Effects of sequential calcium phosphate–fluoride rinses on dental plaque, staining, fluoride uptake, and caries in rats. Shern RJ, et al. **J Dent Res** 1984 Dec;63(12):1355–9

Effects of smokeless tobacco on the periodontal, mucosal and caries status of adolescent males. Offenbacher S, et al. **J Oral Pathol** 1985 Feb;14(2):169–81

Nutrition and dental decay. Naylor MN. **Proc Nutr Soc** 1984 Sep;43(3):257–63

Caries, periodontal status and some salivary factors in lactovegetarians. Linkosalo E, et al. **Scand J Dent Res** 1985 Aug;93(4):304–8

Dietary pattern and dental caries in 19–year–old adolescents subjected to preventive measures focused on oral hygiene and/or fluorides. Bergendal B, et al. **Swed Dent J** 1985; 9(1):1–7

[Truth is all] Redlow G, et al. **Z Arztl Fortbild (Jena)** 1985; 79(9):403–7, 409–11 (Ger)

[Sugar and dental caries] Tarentini Trojani F. **Clin Ter** 1985 Apr 15;113(1):67–71 (Ita)

[Incidence of enamel fissures in human teeth] Ivanova SB. **Stomatologiia (Mosk)** 1984 Sep–Oct;63(5):10–2 (Eng. Abstr.) (Rus)

[Fissures of the dental tissues and their significance in clinical practice] Petrikas AZh, et al. **Stomatologiia (Mosk)** 1985 Mar–Apr;64(2):79–82 (37 ref.) (Rus)

FAMILIAL & GENETIC

[Genetic markers of blood in dental caries] Savranskii FZ, et al. **Vrach Delo** 1985 May;(5):79–80 (Rus)

IMMUNOLOGY

Serum antibodies against oral Streptococcus mutans in young children in relation to dental caries and maternal close-contacts. Aaltonen AS, et al. **Arch Oral Biol** 1985; 30(4):331-5

Comparative immunogenicity and protective effect against dental caries of a low (3800) and a high (185,000) molecular weight protein in rhesus monkeys (Macaca mulatta). Lehner T, et al. **Arch Oral Biol** 1985;30(3):207-12

Immunological relationship between anionic antimicrobial proteins from caries-free individuals and known salivary antimicrobial factors. Oberauf SD, et al. **Infect Immun** 1984 Dec;46(3):797-801

Studies of the effect of diet on saliva secretion and caries development: the effect of fasting on saliva composition of female subjects. Johansson I, et al. **J Nutr** 1984 Nov; 114(11):2010-20

Effects of monoassociation with cariogenic streptococci on lymphoid tissue in the intestine and spleen of Harvard rats. Peri BA. **Prog Clin Biol Res** 1985;181:395-8

Lack of association between HLA-DR antigens and dental caries. de Vries RR, et al. **Tissue Antigens** 1985 Mar; 25(3):173-4

[Salivary levels of immunoglobulin and dental caries in children] Bruno B, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):381-6 (Eng. Abstr.) (Ita)

METABOLISM

Lipids of developing dental plaque in caries-resistant and caries-susceptible adult people. Murty VL, et al. **Arch Oral Biol** 1985;30(2):171-5

Comparison of salivary peroxidase system components in caries-free and caries-active naval recruits. Lamberts BL, et al. **Caries Res** 1984;18(6):488-94

Kinetic and thermodynamic aspects of enamel demineralization. Margolis HC, et al. **Caries Res** 1985; 19(1):22-35

Development of carious-like lesions in partially saturated lactate buffers. Margolis HC, et al. **Caries Res** 1985; 19(1):36-45

Effect of soluble calcium on fluoride uptake by artificial caries lesions in vivo. Mellberg JR, et al. **Caries Res** 1985; 19(2):122-5

Lack of effect of sodium lauryl sulfate on fluoride uptake by artificial caries lesions in vivo (short communication). Mellberg JR, et al. **Caries Res** 1984;18(5):478-80

Effects of ionic organic materials on enamel demineralization (short communication). Tung MS, et al. **Caries Res** 1985; 19(1):72-5

Relationship between enamel fluoride concentration and dental caries in a selected population. Nasir HI, et al. **Community Dent Oral Epidemiol** 1985 Apr;13(2):65-7

Dentino-pulpal collagen and the incorporation of 3H-proline by sound and carious human teeth in vitro. Karjalainen S, et al. **J Biol Buccale** 1984 Dec;12(4):309-16

Importance of high pKA acids in cariogenic potential of plaque. Margolis HC, et al. **J Dent Res** 1985 May; 64(5):786-92

An in vivo investigation of the fluoride uptake in partially demineralized human enamel from several different dentifrices. Reintsema H, et al. **J Dent Res** 1985 Jan; 64(1):19-23

Fluoride in deciduous teeth from an anti-caries clinical study. Sakkab NY, et al. **J Dent Res** 1984 Oct;63(10):1201-5

In situ fluoride uptake from fluoride dentifrices by carious enamel. Stookey GK, et al. **J Dent Res** 1985 Jun; 64(6):900-3

[Determination and analysis of lysozyme and IgA in dental plaque and saliva and IgG in saliva of patients with dental caries and gingivitis] Deng HS. **Chung Hua I Hsueh Tsa Chih** 1984 Oct;64(10):598-600 (Eng. Abstr.) (Chi)

MICROBIOLOGY

The relationship between the number of the bacterium Streptococcus mutans at discrete sites on the dentition of macaque monkeys (Macaca fascicularis) and the subsequent development of dental caries. Beighton D, et al. **Arch Oral Biol** 1985;30(1):85-8

Microbial characteristics of the human dental caries associated with prolonged bottle-feeding. Berkowitz RJ, et al. **Arch Oral Biol** 1984;29(11):949-51

The relationship between the bacterium Streptococcus mutans in the saliva and dental caries in children in Mozambique. Carlsson P, et al. **Arch Oral Biol** 1985; 30(3):265-8

In-vivo dental plaque-forming ability and relative cariogenicity of the bacteria Streptococcus mitis and Streptococcus sanguis I and II in mono-infected gnotobiotic rats. Drucker DB, et al. **Arch Oral Biol** 1984; 29(12):1023-31

Deep bacterial penetration of early proximal caries lesions in young human premolars. Mejàre I, et al. **ASDC J Dent Child** 1985 Mar-Apr;52(2):103-7

A study of Streptococcus mutans levels in both infants with bottle caries and their mothers. Brown JP, et al. **Aust Dent J** 1985 Apr;30(2):96-8

The microflora associated with the progression of incipient carious lesions of children living in a water-fluoridated area. Boyar RM, et al. **Caries Res** 1985;19(4):298-306

Stability of selected plaque species and their relationship to caries in a child population over 2 years. Burt BA, et al. **Caries Res** 1985;19(3):193-200

The microflora associated with developing lesions of nursing caries. Milnes AR, et al. **Caries Res** 1985;19(4):289-97

Longitudinal investigation of bacteriology of human fissure decay: epidemiological studies in molars shortly after eruption. Loesche WJ, et al. **Infect Immun** 1984 Dec; 46(3):765-72

Inhibition of ecological emergence of mutans streptococci naturally transmitted between rats and consequent caries inhibition by Streptococcus salivarius TOVE-R infection. Tanzer JM, et al. **Infect Immun** 1985 Jul;49(1):76-83

Selection of Streptococcus mutans and lactobacilli in an intra-oral human caries model. Arneberg P, et al. **J Dent Res** 1984 Oct;63(10):1197-200

A model for producing caries-like lesions in enamel and dentin using oral bacteria in vitro. Clarkson BH, et al. **J Dent Res** 1984 Oct;63(10):1186-9

Streptococcus mutans and Lactobacillus detection in the assessment of dental root surface caries risk. Ellen RP, et al. **J Dent Res** 1985 Oct;64(10):1245-9

Predominant obligate anaerobes in human carious dentin. Hoshino E. **J Dent Res** 1985 Oct;64(10):1195-8

The more Streptococcus mutans, the more caries on approximal surfaces. Kristoffersson K, et al. **J Dent Res** 1985 Jan;64(1):58-61

Effect of NaF and pH on the growth and glycolytic rate of recently isolated strains of oral Lactobacillus species. Milnes AR, et al. **J Dent Res** 1985 Mar;64(3):401-4

Bacteriologic study of a basic fuchsin caries-disclosing dye. Anderson MH, et al. **J Prosthet Dent** 1985 Jul;54(1):51-5

Herpes simplex virus infection in patients affected by dental caries. Cereda PM, et al. **Microbiologica** 1985 Jul; 8(3):289-91

Support for and implications of the specific plaque hypothesis. Emilson CG, et al. **Scand J Dent Res** 1985 Apr; 93(2):96-104 (66 ref.)

Salivary counts of lactobacilli and Streptococcus mutans in caries prediction. Stecksén-Blicks C. **Scand J Dent Res** 1985 Jun;93(3):204-12

[Lactobacillus in the saliva of persons with carious and non-carious teeth] Hakgüdener Y. **Mikrobiyol Bul** 1985 Jan;19(1):29-35 (Eng. Abstr.) (Tur)

OCCURRENCE

The oral health of older Americans [editorial] Burt BA. **Am J Public Health** 1985 Oct;75(10):1133-4

Frequency distribution of children in Australia according to dental caries experience. Carr LM. **Aust Dent J** 1985 Apr; 30(2):118-22

Pattern of dental caries in 12-year-old Sydney schoolchildren. Craig GG, et al. **Aust Dent J** 1985 Apr; 30(2):128-30

Asymmetry of caries attack on the occlusal surfaces of first permanent molar teeth. Wood PF. **Aust Dent J** 1985 Apr; 30(2):123-7

Dental caries and periodontal health following a professionally administered plaque control programme in adolescents. King JM, et al. **Br Dent J** 1985 Jan 19; 158(2):52-4

Root caries. Is it the caries problem of the future? Katz RV. **Can Dent Assoc J** 1985 Jul;51(7):511-5

Changes in caries prevalence among adolescents in Budapest, Hungary, from 1975 to 1982. Bánóczy J, et al. **Caries Res** 1985;19(1):76-82

Fluoride in whole saliva and dental caries experience in areas with high or low concentrations of fluoride in the drinking water. Bruun C, et al. **Caries Res** 1984;18(5):450-6

Dental caries, sucrose intake and oral hygiene in 5-year-old South African Indian children. Cleaton-Jones P, et al. **Caries Res** 1984;18(5):472-7

Caries prevalence and dental fluorosis in German children in areas with different concentrations of fluoride in drinking water supplies. Hellwig E, et al. **Caries Res** 1985; 19(3):278-83

Comparison of essential nutrient supplement effects on rat growth and dental caries. Mundorff SA, et al. **Caries Res** 1984;18(6):527-35

A 3-year longitudinal caries study of permanent tooth surfaces at risk in Finnish school children. Nordblad A, et al. **Caries Res** 1985;19(3):271-7

Effect of prior toothcleaning on bi-annual professional acidulated phosphate fluoride topical fluoride gel-tray treatments. Results after three years. Ripa LW, et al. **Caries Res** 1984;18(5):457-64

Caries experience of 8-year-old Nigerian schoolchildren. Adenubi JO. **Community Dent Oral Epidemiol** 1984 Oct; 12(5):343-8

Caries and total extraction in a medium-sized city in the Netherlands. Bouma J, et al. **Community Dent Oral Epidemiol** 1985 Jun;13(3):168-72

Dental caries and sucrose intake in five South African preschool groups. Cleaton-Jones P, et al. **Community Dent Oral Epidemiol** 1984 Dec;12(6):381-5

Influence of social class and fluoridation on child dental health. Colquhoun J. **Community Dent Oral Epidemiol** 1985 Feb;13(1):37-41

Prevalence of developmental defects of enamel and dental caries in New Zealand children receiving differing fluoride supplementation. de Liefde B, et al. **Community Dent Oral Epidemiol** 1985 Jun;13(3):164-7

Longitudinal study of prevalence of enamel lesions in a fluoridated and non-fluoridated area. Groeneveld A. **Community Dent Oral Epidemiol** 1985 Jun;13(3):159-63

Comparison of caries prevalence 7 years after discontinuation of school-based fluoride rinsing or toothbrushing in Norway. Haugejorden O, et al. **Community Dent Oral Epidemiol** 1985 Feb;13(1):2-6

Immigrants and a public oral health care service for children in Denmark. Heidmann J, et al. **Community Dent Oral Epidemiol** 1985 Jun;13(3):125-7

Longitudinal study of dental caries in individuals in Jönköping, Sweden, aged 15 years in 1973 and 20 years in 1978. Hugoson A, et al. **Community Dent Oral Epidemiol** 1985 Apr;13(2):100-3

Risk factors of dental caries in 9-10-year-old mentally retarded Finnish children. Palin-Palokas T, et al. **Community Dent Oral Epidemiol** 1984 Dec;12(6):376-80

Prevalence of dental decay in Jewish and Arab schoolchildren in the Jerusalem area. Ran P, et al. **Community Dent Oral Epidemiol** 1985 Apr;13(2):97-9

Dental caries in preschoolchildren in Gizan, Saudi Arabia. Salem GM, et al. **Community Dent Oral Epidemiol** 1985 Jun;13(3):176

Physiological indicators of fluoride exposure and utilization: an epidemiological study. Schamschula RG, et al. **Community Dent Oral Epidemiol** 1985 Apr;13(2):104-7

Caries, diet, dental knowledge and socioeconomic variables in a population of 15-year-old Israeli schoolchildren. Sgan-Cohen HD, et al. **Community Dent Oral Epidemiol** 1984 Oct;12(5):332-6

Sweet preference and dental caries among Bedouin youth in Israel. Steiner JE, et al. **Community Dent Oral Epidemiol** 1984 Dec;12(6):386-9

Dental caries and blood groups in South African blacks. Walker AR, et al. **Community Dent Oral Epidemiol** 1985 Feb;13(1):42-3

Dental caries and dental treatment in the primary dentition in an industrialized South African community. Williams SD, et al. **Community Dent Oral Epidemiol** 1985 Jun; 13(3):173-5

Dental caries in the adult population in Finland: I. Prevalence of dental caries. Nyyssönen V, et al. **Int J Epidemiol** 1984 Dec;13(4):486-90

The effect of a decreasing prevalence of dental caries on the future teaching curriculum. Purdell-Lewis DJ, et al. **J Dent** 1985 Jun;13(2):160-5

The epidemiology of dental caries and its impact on the operative dentistry curriculum. Douglass CW, et al. **J Dent Educ** 1984 Oct;48(10):547-55

Oral health status in the United States: prevalence of dental caries. Graves RC, et al. **J Dent Educ** 1985 Jun;49(6):341-53

Changes in oral health from 1973 to 1982 of 13-15-year-old schoolchildren residing in three different fluoride areas in Finland. Parviainen K, et al. **J Dent Res** 1985 Oct; 64(10):1253-6

Dental caries and tetracycline-stained dentition in an American Indian population. Rebich T, et al. **J Dent Res** 1985 Mar;64(3):462-4

Caries prevalence in Turner's syndrome (45,X females). Takala I, et al. **J Dent Res** 1985 Feb;64(2):126-8

Analysis of covariance in caries clinical trials using groupings of teeth. Worthington HV, et al. **J Dent Res** 1985 Feb; 64(2):102-5

Effect of secular decline in caries on the evaluation of preventive dentistry demonstrations. Bohannan HM, et al. **J Public Health Dent** 1985 Spring;45(2):83-9

Oral health of children of migrant farm workers in northwest Michigan. Woolfolk M, et al. **J Public Health Dent** 1984 Summer;44(3):101-5

Leads from the MMWR. Dental caries and community water fluoridation trends—United States. **JAMA** 1985 Mar 8; 253(10):1377, 1383

Caries in Sydney schoolchildren [letter] Sutton PR. **Med J Aust** 1984 Sep 15;141(6):394-6

Dental caries in American Indian and Alaskan native children. **MMWR** 1985 Jul 5;34(26):400-1

Dental caries and community water fluoridation trends—United States. **MMWR** 1985 Feb 15;34(6):77-80, 85

Assessment of dental needs of New York City schoolchildren. Rosenberg L, et al. **NY State Dent J** 1985 Feb;51(2):84-6

The prevalence of dental caries in 8- and 9-year-old New Zealand children. Hunter PB. **NZ Dent J** 1985 Jan; 81(363):23-5

Parametric versus nonparametric tests in caries studies based on DMF index. Alanen P. **Proc Finn Dent Soc** 1985; 81(1):6-10

Effect of wartime conditions on dental health forty years later. Alanen P, et al. **Proc Finn Dent Soc** 1984; 80(5-6):253-6

Dental caries in children in relation to its determinants. An epidemiological study of Finnish rural children. Kleemola-Kujala E. **Proc Finn Dent Soc** 1984;80 Suppl 6:1-81

Caries in deciduous teeth and public dental care in Finland. Milén A. **Proc Finn Dent Soc** 1984;80 Suppl 7-8:1-49

A three-year study of caries prevalence, incidence and risk ages in cohorts of schoolchildren in Espoo, Finland. Nordblad A, et al. **Proc Finn Dent Soc** 1985;81(1):11-6

Dental caries of children, their parent's social status and knowledge of the prevention of the disease. Tala H. **Proc Finn Dent Soc** 1984;80(4):204-7

Oral health in Finland and the Soviet Union. A joint study.

Nyyssönen V, et al. **Scand J Soc Med** 1984;12(4):195–9

Caries increment and progression in teenagers when using a prevention- rather than restoration-oriented treatment strategy. Gröndahl HG, et al. **Swed Dent J** 1984;8(5):237–42

Dietary habits and dental health in 6-year-old Finnish immigrant children in Sweden. Widström E, et al. **Swed Dent J** 1985;9(3):135–9

Effect of water fluoridation on prevalence of dental caries in Chung-Hsing New Village, Taiwan, after 9 years. Guo MK, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Oct;83(10):1035–43

[Caries incidence among 3,000 primary school pupils in Li County, Aba District] Wang XS. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar;19(1):56–8 (Chi)

[Effect of air fluorine content on dental fluorosis and caries incidences] Zhou DC. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar;19(1):26–8 (Chi)

[Caries of the deciduous teeth and dental care of Finnish children] Milén A. **Proc Finn Dent Soc** 1985;81(1):57–62 (Eng. Abstr.) (Fin)

[Epidemiology of dental caries in Liège students aged 7 to 12 years] Büttner M, et al. **Rev Belge Med Dent** 1984 Aug–Sep;39(4):119–23 (Eng. Abstr.) (Fre)

[Longitudinal study of the evolution of the frequency of dental caries in a school milieu: a statistical model] Turlot JC, et al. **Rev Epidemiol Sante Publique** 1984;32(6):398–407 (Eng. Abstr.) (Fre)

[Caries decrease among schoolchildren in the city of Zürich 1970–1983] Curilović Z, et al. **Schweiz Monatsschr Zahnmed** 1984 Oct;94(10):1042–7 (Eng. Abstr.) (Ger)

[Proximal caries in students of the school dental clinic in Aarau] Diehl R. **Schweiz Monatsschr Zahnmed** 1985 Feb;95(2):140–3 (Eng. Abstr.) (Ger)

[Incidence and causes of dental caries in young children—results of a survey in German-speaking Switzerland] Menghini GD, et al. **Schweiz Monatsschr Zahnmed** 1985 Feb;95(2):124–39 (Eng. Abstr.) (Ger)

[Dental caries in 5–6-year-old children] Bloch A. **Harefuah** 1983 Jun;104(11–12):524–6 (Eng. Abstr.) (Heb)

[Incidence of dental caries in diabetics. A clinico-statistical report on 420 outpatients] Borgogna E, et al. **Minerva Stomatol** 1985 Mar–Apr;34(2):245–7 (Eng. Abstr.) (Ita)

[Cariogenic pathogenicity and Streptococcus mutans. Epidemiological studies of adult subjects with permanent dentition] Gianni E, et al. **Minerva Stomatol** 1984 Jul–Aug;33(4):565–70 (Eng. Abstr.) (Ita)

[Condition of the teeth of mentally retarded adolescents deprived of planned stomatological care] Strużak-Wysokińska M, et al. **Wiad Lek** 1984 Apr 15;37(8):619–24 (Eng. Abstr.) (Pol)

[Dental caries intensity in children with different levels of physical growth harmony] Bolchenko TE. **Stomatologiia (Mosk)** 1984 Nov–Dec;63(6):10–2 (Eng. Abstr.) (Rus)

[Relations of the shape of the face, jaws, tooth reduction and the incidence of caries] Distel' VA, et al. **Stomatologiia (Mosk)** 1985 Mar–Apr;64(2):19–20 (Eng. Abstr.) (Rus)

[Importance of a number of risk factors for caries in children based on the data from a catamnestic study] Udovitskaia EV, et al. **Stomatologiia (Mosk)** 1984 Sep–Oct;63(5):67–8 (Eng. Abstr.) (Rus)

[Dental caries in the native and immigrant population of Arkhangelsk Province] Zenovskiĭ VP. **Stomatologiia (Mosk)** 1985 Jan–Feb;64(1):73–5 (Rus)

[Calcium and phosphorus content of mixed saliva and the growth in the degree of caries in children in relation to the season of the year] Zenovskiĭ VP. **Stomatologiia (Mosk)** 1984 Sep–Oct;63(5):70–2 (Eng. Abstr.) (Rus)

[Epidemiological profile of dental caries in Alcalá de Henares] Barbería Leache E, et al. **An Esp Pediatr** 1984 Oct 31;21(6):573–7 (Eng. Abstr.) (Spa)

[Prevalence of dental caries in school children in Granada] Ortega González F, et al. **Rev Sanid Hig Publica (Madr)** 1984 Mar–Apr;58(3–4):269–89 (Eng. Abstr.) (Spa)

PATHOLOGY

A scanning electron microscopic and polarized light microscopic study of acid-etching of caries-like lesions in human tooth enamel treated with sodium fluoride in vitro. Hicks MJ, et al. **Arch Oral Biol** 1984;29(10):765–72

Relationship between human enamel structure and the formation of caries-like lesions in vitro. Shellis RP. **Arch Oral Biol** 1984;29(12):975–81

Chemical and histological changes during development of artificial caries. Featherstone JD, et al. **Caries Res** 1985;19(1):1–10

A scanning electron microscopic study of surface changes during development of artificial caries. Holmen L, et al. **Caries Res** 1985;19(1):11–21

A polarized light microscopic study of progressive stages of enamel caries in vivo. Holmen L, et al. **Caries Res** 1985;19(4):348–54

A scanning electron microscopic study of progressive stages of enamel caries in vivo. Holmen L, et al. **Caries Res** 1985;19(4):355–67

Optical monitor of in vitro caries. A comparison with chemical and microradiographic determination of mineral loss in early lesions. ten Bosch JJ, et al. **Caries Res** 1984;18(6):540–7

The destructive pathway in early enamel caries. Yue SL. **Chin Med J [Engl]** 1984 Jun;97(6):451–7

Loss of attachment adjacent to class II carious lesions. Keszthelyi G, et al. **J Clin Periodontol** 1985 May;12(5):405–10

Depth of penetration of in vitro root surface lesions. Phankosol P, et al. **J Dent Res** 1985 Jun;64(6):897–9

Histopathology of the initial lesion of the root surface: an in vitro study. Phankosol P, et al. **J Dent Res** 1985 May;64(5):804–9

Comparison of artificial white spots by microradiography and polarized light microscopy. Wefel JS, et al. **J Dent Res** 1984 Nov;63(11):1271–5

Caries and periodontitis associated with an unerupted third molar. Baab DA, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):428–30

PHYSIOPATHOLOGY

Effect of copper applied topically or in drinking water on experimental caries in rats. Afseth J, et al. **Caries Res** 1984;18(5):434–9

Development of a new intraoral demineralization test. Brudevold F, et al. **Caries Res** 1984;18(5):421–9

Remineralization in vivo of artificial caries lesions by a monofluorophosphate dentifrice. Mellberg JR, et al. **Caries Res** 1985;19(2):126–35

Influence of repeated APF applications on long-term remineralization of initial lesions in bovine enamel. Boddé HE, et al. **J Dent Res** 1985 Jan;64(1):12–8

Effect of some salts of calcium, sodium, potassium, and strontium on intra-oral enamel demineralization. Brudevold F, et al. **J Dent Res** 1985 Jan;64(1):24–7

Topical fluoride application and lesion progression in vitro. Wefel JS, et al. **J Dent Res** 1984 Nov;63(11):1276–8

Age estimation from dental attrition and state of dental treatment—by application of the theory of quantification type I. Takei T. **J Nihon Univ Sch Dent** 1984 Jun;26(2):119–32

The effect of iron on in vitro decalcification of human tooth enamel. Weiss G, et al. **J Oral Rehabil** 1985 Jan;12(1):91–3

Caries resistance in children with chronic renal failure: plaque pH, salivary pH, and salivary composition. Peterson S, et al. **Pediatr Res** 1985 Aug;19(8):796–9

Dental caries models: effects of sucrose modified by fluoride and magnesium. Luoma AR. **Proc Finn Dent Soc** 1984;80 Suppl 3–4:1–75

Timing of the first attack of caries on the permanent teeth in cohorts of schoolchildren in Espoo, Finland. Nordblad A, et al. **Proc Finn Dent Soc** 1985;81(1):17–23

Laser-induced fluorescence from sound and carious tooth substance: spectroscopic studies. Sundström F, et al. **Swed Dent J** 1985;9(2):71–80

[Sugar-induced caries affected by added fluoride and magnesium using a caries model] Luoma AR. **Proc Finn Dent Soc** 1985;81(1):51–4 (Eng. Abstr.) (Fin)

[Etiology of dental enamel caries: history and current physicochemical and crystallographic theories] Martens LC, et al. **Rev Belge Med Dent** 1984 Jun–Jul;39(3):76–82 (Eng. Abstr.) (Fre)

[Loss of adhesiveness in teeth extracted for periodontal disease and caries] Gorzó I, et al. **Fogorv Sz** 1985 Feb;78(2):50–7 (Eng. Abstr.) (Hun)

[Salivary secretion of catecholamines and electrolytes in persons with various degrees of dental caries] Mikhaĭlov VV, et al. **Stomatologiia (Mosk)** 1984 Sep–Oct;63(5):6–7 (Eng. Abstr.) (Rus)

PREVENTION & CONTROL

The caries-preventive effect of a fluoride varnish in the fissures of the first permanent molar. Holm GB, et al. **Acta Odontol Scand** 1984 Aug;42(4):193–7

Dental implications of fluorides in medical practice. Shory NL. **Ala Med** 1985 Jul;55(1):17–8, 23–8

Nutrition and dental decay in infants. Loesche WJ. **Am J Clin Nutr** 1985 Feb;41(2 Suppl):423–35

Fluoridation of public water supplies in Singapore. Teo CS. **Ann Acad Med Singapore** 1984 Apr;13(2):247–51

The effect of caries-preventive measures in mothers on dental caries and the oral presence of the bacteria Streptococcus mutans and lactobacilli in their children. Köhler B, et al. **Arch Oral Biol** 1984;29(11):879–83

Effect of casein and whey-protein solutions on caries experience and feeding patterns of the rat. Reynolds EC, et al. **Arch Oral Biol** 1984;29(11):927–33

Attitudes of dentists and physicians toward the use of dietary fluoride supplements. Gift HC, et al. **ASDC J Dent Child** 1985 Jul–Aug;52(4):265–8

Ways to improve/increase appropriate use of dietary fluorides. Horowitz AM. **ASDC J Dent Child** 1985 Jul–Aug;52(4):269–74

Fluoride tablets and dental health. Smyth JS. **Aust Dent J** 1984 Oct;29(5):296–9

Fluoridation in Anglesey 1983: a clinical study of dental caries. Jackson D, et al. **Br Dent J** 1985 Jan 19;158(2):45–9

The effect of acid-etching followed by fluoride application on the development of artificial carious lesions around amalgam restorations. Kidd EA, et al. **Br Dent J** 1984 Nov 24;157(10):349–53

The scientific basis of dental health education. A Health Education Council Policy Document. Levine RS. **Br Dent J** 1985 Mar 23;158(6):223–6

A summary of the results of the National Preventive Dentistry Demonstration Program. Bohannan HM, et al. **Can Dent Assoc J** 1985 Jun;51(6):435–41

An empirically based system to estimate the effectiveness of caries-preventive agents. A comparison of the effectiveness estimates of APF gels and solutions, and fluoride varnishes. Clark DC, et al. **Caries Res** 1985;19(1):83–95

The relationship between anticaries activity of monofluorophosphate dentifrices and their performances in laboratory tests. Duke SA, et al. **Caries Res** 1985;19(3):284–8

Posttreatment benefits from participation in a school-based fluoride mouthrinsing program: results after up to 7 years of rinsing. Leske GS, et al. **Caries Res** 1985;19(4):371–8

Dental problems in childhood. **Ceylon Med J** 1984 Mar;29(1):51–60

Results of the Sherbrooke-Lac Mégantic fluoride varnish study after 20 months. Clark DC, et al. **Community Dent Oral Epidemiol** 1985 Apr;13(2):61–4

Examiner consistency and group balance at baseline of a caries clinical trial. Heifetz SB, et al. **Community Dent Oral Epidemiol** 1985 Apr;13(2):82–5

Amine fluoride gel in a caries prophylaxis program for soldiers in Poland. Obersztyn A, et al. **Community Dent Oral Epidemiol** 1984 Oct;12(5):288–91

Caries clinical trial of fluoride rinses in a Danish Public Child Dental Service. Poulsen S, et al. **Community Dent Oral Epidemiol** 1984 Oct;12(5):283–7

Model for the study of the preeruptive effect of NaF tablets on caries in permanent teeth. Widenheim J, et al. **Community Dent Oral Epidemiol** 1985 Apr;13(2):86–92

Effect of peroral immunization of humans with Streptococcus mutans on induction of salivary and serum antibodies and inhibition of experimental infection. Cole MF, et al. **Infect Immun** 1984 Dec;46(3):703–9

Competitive displacement of mutans streptococci and inhibition of tooth decay by Streptococcus salivarius TOVE-R. Tanzer JM, et al. **Infect Immun** 1985 Apr;48(1):44–50

Field trials of preventive regimens in Thailand and French Polynesia. Barmes D, et al. **Int Dent J** 1985 Mar;35(1):66–72

The rationale for caries prevention through the use of sugar substitutes. Loesche WJ. **Int Dent J** 1985 Mar;35(1):1–8

Xylitol and caries: the collaborative WHO oral disease preventive programme in Hungary. Scheinin A, et al. **Int Dent J** 1985 Mar;35(1):50–7

Future control of dental disease by immunization: vaccines and oral health. Wilton JM. **Int Dent J** 1984 Sep;34(3):177–83

Caries protection and prediction [letter] Gedalia I. **J Am Dent Assoc** 1985 Apr;110(4):462

Eight-year evaluation of a combined fluoride program in a nonfluoride area. Horowitz HS, et al. **J Am Dent Assoc** 1984 Oct;109(4):575–8

Occlusal composite restorations: 4-year results. Houpt M, et al. **J Am Dent Assoc** 1985 Mar;110(3):351–3

Talon cusp: a preventive approach to treatment. Richardson DS, et al. **J Am Dent Assoc** 1985 Jan;110(1):60–2

The sealant question, once more [letter] Simonsen RJ. **J Am Dent Assoc** 1984 Sep;109(3):396, 398

Three-year evaluation of sealant: effect of isolation on efficacy. Straffon LH, et al. **J Am Dent Assoc** 1985 May;110(5):714–7

The prevention of dental caries in the general dental service. Elderton RJ. **J Dent** 1984 Sep;12(3):215–20

The efficiency of caries prevention with weekly fluoride mouthrinses. Stamm JW, et al. **J Dent Educ** 1984 Nov;48(11):617–26

Effect of chlorhexidine-fluoride applications without and with Sr and Zn on caries, plaque, and gingiva in rats. Luoma H, et al. **J Dent Res** 1984 Oct;63(10):1193–6

Inhibition of root surface caries in rice rats: use of a sodium fluoride dentifrice. Rosen S, et al. **J Dent Res** 1985 Jun;64(6):904–5

Post-treatment effect of fluoride varnishes in children with a high prevalence of dental caries in a community with fluoridated water. Seppä L, et al. **J Dent Res** 1984 Oct;63(10):1221–2

Caries prevention in rats by fluoride varnish treatment combined with addition of fluoride to dietary sugar. Seppä L, et al. **J Dent Res** 1984 Oct;63(10):1190–2

Prevention of tooth decalcification under acrylic splints used in orthognathic surgery. Bell CN. **J Oral Maxillofac Surg** 1985 Aug;43(8):650–1

Anticariogenic activity of licorice and glycyrrhizine I: Inhibition of in vitro plaque formation by Streptococcus mutans. Segal R, et al. **J Pharm Sci** 1985 Jan;74(1):79–81

Public health officials' perceptions of dental caries preventive methods. Hastreiter RJ, et al. **J Public Health Dent** 1985 Summer;45(3):180–6

Dental sealants. Koop CE. **J Public Health Dent** 1984 Summer;44(3):126

Weekly rinsing with a fluoride mouthrinse in an unfluoridated community: results after seven years. Leverett DH, et al. **J Public Health Dent** 1985 Spring;45(2):95–100

The surface-specific caries pattern of participants in a school-based fluoride mouthrinsing program with implications for the use of sealants. Ripa LW, et al. **J Public Health Dent** 1985 Spring;45(2):90–4

Effect of fluoridated milk on caries: 5 year results. Bánóczy J, et al. **J R Soc Health** 1985 Jun;105(3):99–103

Diagnosis and treatment of dental caries: the clinicians' dilemma. Scope for change in clinical practice. Elderton RJ. **J R Soc Med** 1985;78 Suppl 7:27–32

Possible factors underlying the decline in caries prevalence. Naylor MN. **J R Soc Med** 1985;78 Suppl 7:23–5

Fissure sealants for teeth [editorial] **Lancet** 1985 Feb 23; 1(8426):439–40

The proper use of systemic fluoride supplements with children in medical and dental practices. Levy SM, et al. **NC Med J** 1985 Feb;46(2):77–81. (35 ref.)

The cariostatic effect of betel nut chewing. Howden GF. **Papua New Guinea Med J** 1984 Sep–Dec;27(3–4):123–31

Prevention of oral disease in children: concepts and practices. Crall JJ. **Pediatr Ann** 1985 Feb;14(2):140–1, 144–7

A pediatrician's program for the prevention of dental caries in the first years of life [letter] Hagler S. **Pediatrics** 1984 Oct;74(4):569

Successful and unsuccessful experiences in combating the antifluoridationists. Margolis FJ, et al. **Pediatrics** 1985 Jul; 76(1):113–8

Dental preservation in patients irradiated for head and neck tumours: A 10-year experience with topical fluoride and a randomized trial between two fluoridation methods. Horiot JC, et al. **Radiother Oncol** 1983 Aug;1(1):77–82

Comparison of effect of SnF2 and NaF mouthrinses on caries incidence, salivary S. mutans and gingivitis in high caries prevalent adults. Klock B, et al. **Scand J Dent Res** 1985 Jun;93(3):213–7

Three-year study of the effect of fluoride varnish (Duraphat) on proximal caries progression in teenagers. Modéer T, et al. **Scand J Dent Res** 1984 Oct;92(5):400–7

Toxicity of fluoride-containing dental preparations: a review. Smith GE. **Sci Total Environ** 1985 May;43(1–2):41–61 (72 ref.)

The relationship between American women's preventive dental behavior and dental health beliefs. Chen MS, et al. **Soc Sci Med** 1984;19(9):971–8

Adolescents' health beliefs and acceptance of a novel preventive dental activity: a further note. Kegeles SS, et al. **Soc Sci Med** 1984;19(9):979–82

Effect on caries of different fluoride prophylactic programs in preschool children. A two year clinical study. Petersson LG, et al. **Swed Dent J** 1985;9(3):97–104

Immunization against dental caries. Lehner T. **Vaccine** 1985 Mar;3(1):65–8 (63 ref.)

[Effect of a silver ammonia fluoride solution on the prevention and inhibition of caries] Li YJ. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Jun;19(2):97–100 (Chi)

[Current research on anti-caries vaccination in man] Peret R. **Bull Group Int Rech Sci Stomatol Odontol** 1984 Oct; 27(4):293–300 (Eng. Abstr.) (Fre)

[Prevention of cavities and of osteonecroses in patients irradiated in the oto-rhino-laryngologic area] Haefliger JM. **Rev Med Suisse Romande** 1985 Mar;105(3):247–53 (Fre)

[Fluorides and pregnancy] Cimasoni G. **Schweiz Rundsch Med Prax** 1985 Feb 12;74(7):137–9 (Fre)

[Caries prophylactic care in the Canton of Basel] Altermatt-Tschopp E, et al. **Schweiz Monatsschr Zahnmed** 1985 Apr;95(4):281–8 (Eng. Abstr.) (Ger)

[Prophylaxis of dental caries using sugar substitutes] Eberle G. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec; 179(6):477–95 (Eng. Abstr.) (Ger)

[Clinical experience with the use of Duraphat lacquer] Bodnár Z, et al. **Fogorv Sz** 1984 Sep;77(9):279–82 (Hun)

[Changes in the caries picture in students of specialized secondary schools in Budapest between 1975 and 1982] Boross E, et al. **Fogorv Sz** 1984 Nov;77(11):325–31 (Eng. Abstr.) (Hun)

[Conference on salt fluoridation] Tóth K. **Fogorv Sz** 1985 Apr;78(4):117–21 (Hun)

[Recent advances in the prophylaxis of dental caries] Melino C, et al. **Clin Ter** 1984 Oct 15;111(1):59–67 (67 ref.) (Eng. Abstr.) (Ita)

[Effect of the topical use of acidulated fluoride solutions on selected parameters of the masticatory system of school children from areas with optimal and trace concentrations of fluorides tap water] Buczkowska-Radlińska J. **Ann Acad Med Stetin** 1984;30:295–308 (Eng. Abstr.) (Pol)

[Possibilities of preventing fissure caries of first molars in children 6 to 7 years of age] Jaworska D. **Ann Acad Med Stetin** 1984;30:281–93 (Eng. Abstr.) (Pol)

[Organizational aspects of conducting topical fluorine prevention of dental caries in children's collectives] Suntsov VG, et al. **Stomatologiia (Mosk)** 1984 Sep–Oct; 63(5):68–70 (Eng. Abstr.) (Rus)

[Comparative effectiveness of different agents for dental caries prevention in children with systematic and one-time use] Suntsov VG, et al. **Stomatologiia (Mosk)** 1984 Nov–Dec;63(6):6–8 (Eng. Abstr.) (Rus)

[Results of the local prevention of dental caries in schoolchildren] Zhidkikh VD. **Stomatologiia (Mosk)** 1984 Nov–Dec;63(6):9–10 (Rus)

PSYCHOLOGY

[Dental caries and dental health behavior in 6-and-10-year-old children] Ruiken HM, et al. **Tijdschr Kindergeneeskd** 1985 Apr;53(2):60–6 (Eng. Abstr.) (Dut)

RADIOGRAPHY

A longitudinal radiographic study of caries progression in dental students. Cook SR. **Aust Dent J** 1984 Oct; 29(5):315–20

Variation in radiographic interpretation and restorative treatment decisions on approximal caries among dentists in Norway. Espelid I, et al. **Community Dent Oral Epidemiol** 1985 Feb;13(1):26–9

Reliability of coding depth of approximal carious lesions from non-independent interpretation of serial bitewing radiographs. Pliskin JS, et al. **Community Dent Oral Epidemiol** 1984 Dec;12(6):366–70

Diagnosis and treatment decisions when using bitewing radiographs—a comparison between two dental schools. Mileman P, et al. **J Dent** 1985 Jun;13(2):140–51

Reproducibility of computer-aided image-analysis-derived estimates of the depth and area of radiolucencies in approximal enamel. Pitts NB, et al. **J Dent Res** 1985 Oct; 64(10):1221–4

Detection and measurement of approximal radiolucencies by computer-aided image analysis. Pitts NB. **Oral Surg Oral Med Oral Pathol** 1984 Sep;58(3):358–66

Accuracy of radiographic caries diagnosis at different kilovoltages and two film speeds. Svenson B, et al. **Swed Dent J** 1985;9(1):37–43

RADIOTHERAPY

Treatment of dental decay by CO2 laser beam: preliminary results. Melcer J, et al. **Lasers Surg Med** 1984;4(4):311–21

SURGERY

The use of a laser for debridement of incipient caries. Myers TD, et al. **J Prosthet Dent** 1985 Jun;53(6):776–9

[Microsurgery of dental caries: utopia or reality?] Dechaume M. **Rev Stomatol Chir Maxillofac** 1984;85(4):341 (Fre)

THERAPY

Management of early dental caries in fissures with fissure sealant. Elderton RJ. **Br Dent J** 1985 Apr 6;158(7):254–8

Assessment and clinical management of early caries in young adults: invasive versus non-invasive methods. Elderton RJ. **Br Dent J** 1985 Jun 22;158(12):440–4

Management of early dental caries in fissures with fissure sealant [letter] Paterson RC, et al. **Br Dent J** 1985 May 25;158(10):356–7

Treatment of dental caries monitored by microbial methods: report of two cases. Silver JG, et al. **Can Dent Assoc J** 1985 Mar;51(3):211–5

Considerations and treatment of direct and indirect pulp-capping. Dumsha T, et al. **Dent Clin North Am** 1985 Apr;29(2):251–9 (32 ref.)

Surgical and non-surgical dental treatments for a multi-allergic patient with meditation-hypnosis as the sole anesthetic: case report. Morse DR, et al. **Int J Psychosom** 1984;31(2):27–33

The hemodynamic and plasma catecholamine responses to routine restorative dental care. Cioffi GA, et al. **J Am Dent Assoc** 1985 Jul;111(1):67–70

Periodontal restorative interrelationships: the isolated restoration. Fugazzotto PA. **J Am Dent Assoc** 1985 Jun; 110(6):915–7

Effect of etching and bonding on recurrent caries in teeth restored with composite resin. Staninec M, et al. **J Prosthet Dent** 1985 Apr;53(4):521–5

Patterns of diagnosis and treatment of dental caries from dental practice records. Hunter B. **J R Soc Med** 1985;78 Suppl 7:11–6

The management of dental caries in children. Murray JJ. **J R Soc Med** 1985;78 Suppl 7:3–10

The Peter Principle and proximal lesions. Stokes AN. **NZ Dent J** 1984 Oct;80(362):131–3

Fluoride supplemented and non gamma 2 amalgam. A comparative clinical study into the primary and permanent dentition in children. Petersson LG, et al. **Swed Dent J** 1985;9(2):49–53

[Conservative prosthetics of residual roots or residual crowns of back teeth] Yang SJ. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):98–9, 127 (Eng. Abstr.) (Chi)

[Molecular biology of Streptococcus mutans: prospect for vaccination against dental caries] Abiko Y, et al. **Tanpakushitsu Kakusan Koso** 1985 Jan;30(1):22–39 (100 ref.) (Jpn)

[Selective care of chronic gangrenous and periapical processes in young soldiers during a systematic dental examination] Todorović S, et al. **Vojnosanit Pregl** 1985 Jan–Feb;42(1):25–8 (Eng. Abstr.) (Ser)

DENTAL CARIES ACTIVITY TESTS

Influence of EHDP and F on Ca and P loss from enamel during the intra-oral cariogenicity test. Wöltgens JH, et al. **J Biol Buccale** 1984 Dec;12(4):339–48

[Levels of sodium, potassium, chloride, inorganic phosphate, calcium, glucose, uric acid, urea N and creatinine in the saliva of healthy children with low and high caries activity] Liappis N, et al. **Zahn Mund Kieferheilkd** 1984;72(7):657–62 (Eng. Abstr.) (Ger)

DENTAL CARIES SUSCEPTIBILITY

Comparison of two screening tests for Streptococcus mutans and evaluation of their suitability for mass screenings and private practice. Newbrun E, et al. **Community Dent Oral Epidemiol** 1984 Oct;12(5):325–31

Simple tests for caries susceptibility. Larmas M. **Int Dent J** 1985 Jun;35(2):109–17

The effect of X-radiation on the susceptibility of enamel to an artificial caries-like attack in vitro. Joyston-Bechal S. **J Dent** 1985 Mar;13(1):41–4

Polyamines of dental plaque in caries-resistant vs. caries-susceptible adults. Vratsanos SM, et al. **J Dent Res** 1985 Mar;64(3):422–4

[Animal experimental and clinical studies of the caries activity and progression in hard dental tissues containing tetracycline. 2. The clinical studies] Radtke G, et al. **Zahn Mund Kieferheilkd** 1984;72(5):420–4 (Eng. Abstr.) (Ger)

[Comparative data on dental caries in school children of Baja and Nagybaracska (1948–1983)] Hanzély B, et al. **Fogorv Sz** 1985 Aug;78(8):245–50 (Eng. Abstr.) (Hun)

DENTAL CASTING INVESTMENT

Porosities in a dental silver-palladium casting alloy. Oilo G, et al. **Acta Odontol Scand** 1985 Mar;43(1):9–13

Ductility and structure of some cobalt-base dental casting alloys. Herö H, et al. **Biomaterials** 1984 Jul;5(4):201–8

Evaluation of a Ag-in-Pd casting alloy for preclinical teaching. Bardzinski MA, et al. **J Dent Educ** 1985 Aug; 49(8):589–91

A technique for characterizing casting behavior of dental alloys. Hinman RW, et al. **J Dent Res** 1985 Feb;64(2):134–8

Effect of a two-step ringless investment technique on alloy castability. Dern WM, et al. **J Prosthet Dent** 1985 Jun; 53(6):874–6

Internal volumetric expansion of casting investments. Marsaw FA, et al. **J Prosthet Dent** 1984 Sep;52(3):361–6

Internal setting expansion of a dental casting investment measured with strain gauges. Meiser ET Jr, et al. **J Prosthet Dent** 1985 Jun;53(6):870–3

Delayed 'hygroscopic' expansion of gypsum products. Santos JF, et al. **J Prosthet Dent** 1984 Sep;52(3):366–70

Compatibility of reversible hydrocolloid duplicating materials and dental stones. Williams EO, et al. **J Prosthet Dent** 1984 Nov;52(5):699–703

DENTAL CASTING TECHNIC

Effects of casting temperature on some properties of Co-Cr-Mo dental casting alloys. Herö H. **Acta Odontol Scand** 1984 Dec;42(6):371–7

Sodium alginate as a mould release agent. Andreopoulos AG. **Biomaterials** 1985 Mar;6(2):138–9

Castability of crown and bridge alloys. Asgar K, et al. **J Prosthet Dent** 1985 Jul;54(1):60–3

The variability of intercuspal position. Barmby CL. **J Prosthet Dent** 1985 May;53(5):702–6

Effect of a two-step ringless investment technique on alloy castability. Dern WM, et al. **J Prosthet Dent** 1985 Jun; 53(6):874–6

Use of paint-on die spacers in preparations with grooves. Donovan T, et al. **J Prosthet Dent** 1984 Sep;52(3):384–8

A laboratory study of changes in vertical dimension using a compression molding and a pour resin technique. Dukes BS, et al. **J Prosthet Dent** 1985 May;53(5):667–9

Accuracy of cast restorations produced by a refractory die-investing technique. Finger W, et al. **J Prosthet Dent** 1984 Dec;52(6):800–3

A two-pour technique for investing interim partial dentures. Green AJ, et al. **J Prosthet Dent** 1985 Jul;54(1):151–2

Crown repair with a cast post and core. Hall DL, et al. **J Prosthet Dent** 1985 May;53(5):641–2

Improving the casting accuracy of fixed partial dentures. Hinman RW, et al. **J Prosthet Dent** 1985 Apr;53(4):466–71

Castability of silver-base fixed partial denture alloys. Kaminski RA, et al. **J Prosthet Dent** 1985 Mar;53(3):329–32

Etched castings as an adjunct to mouth preparation for removable partial dentures. Leupold RJ, et al. **J Prosthet Dent** 1985 May;53(5):655–8

The trial-packed, heat-processed spare complete denture. McArthur DR, et al. **J Prosthet Dent** 1985 May;53(5):741–5

Fabrication of drop-cast aluminum cores. Pipko DJ, et al. **J Prosthet Dent** 1985 Apr;53(4):501–4

Preimpression preparation for positive recovery of master casts. Sherman JR Jr. **J Prosthet Dent** 1985 Jul;54(1):19–20

Restoring abutment teeth with cast restorations to fit existing removable partial dentures. Sigaroudi K. **J Prosthet Dent** 1985 May;53(5):628–31

Casting accuracy of a nickel and beryllium-free cobalt-chromium alloy for crown and bridge prostheses and resin-bonded bridges. Hansson O. **Swed Dent J** 1985; 9(3):105–15

[Finishing studies of cast fillings in relation to the material, the instrument, the clearance width and the lining of the cavity margin] Jahn KR, et al. **Zahn Mund Kieferheilkd** 1985;73(3):262-74 (Eng. Abstr.) (Ger)

[Dental casting of NiTi alloys] Hamanaka H, et al. **Kokubyo Gakkai Zasshi** 1984 Sep;51(3):614 (Jpn)

[Experience in introducing individual casting in the orthodontic establishments of Transcarpathia] Gorzov IP, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):53-5 (Eng. Abstr.) (Rus)

INSTRUMENTATION

Evaluation of an improved centrifugal casting machine. Donovan TE, et al. **J Prosthet Dent** 1985 May;53(5):609-12

Internal setting expansion of a dental casting investment measured with strain gauges. Meiser ET Jr, et al. **J Prosthet Dent** 1985 Jun;53(6):870-3

Comparison of internal escape channels with die spacing and occlusal venting. Tjan AH, et al. **J Prosthet Dent** 1985 May;53(5):613-7

DENTAL CAVITY LINING

see related

CALCIUM HYDROXIDE

Base-varnish interactions around amalgam restorations: spectrophotometric and microscopic assessment of leakage. Silva M, et al. **Aust Dent J** 1985 Apr;30(2):89-95

Fluoride uptake by dentin surfaces following topical application of TiF4, NaF and fluoride varnishes in vivo. Tveit AB, et al. **Caries Res** 1985;19(3):240-7

A new method for sealing composite resin contraction gaps in lined cavities. Torstenson B, et al. **J Dent Res** 1985 Mar;64(3):450-3

Observations on a calcium hydroxide lining in retrieved deciduous teeth, with proximal amalgam fillings. Grajower R, et al. **J Oral Rehabil** 1984 Nov;11(6):561-9

Dentin permeability: effects of cavity varnishes and bases. Pashley DH, et al. **J Prosthet Dent** 1985 Apr;53(4):511-6

Cavity varnish and cavity liner appearance on enamel and dentin. Tveit AB, et al. **J Prosthet Dent** 1985 Feb;53(2):199-203

[Experimental studies of the antimicrobial effectiveness of different cavity lining materials] Bössmann K, et al. **Dtsch Zahnarztl Z** 1984 Sep;39(9):725-31 (Ger)

METHODS

The relationship of lining thickness and thermal insulating efficiency. Jeffrey IW. **J Oral Rehabil** 1984 Sep;11(5):429-39

[Solubility stability and acid resistance of calcium hydroxide cavity lining materials] Mörmann W, et al. **Schweiz Monatsschr Zahnmed** 1985 Jan;95(1):14-30 (Eng. Abstr.) (Ger)

[Finishing studies of cast fillings in relation to the material, the instrument, the clearance width and the lining of the cavity margin] Jahn KR, et al. **Zahn Mund Kieferheilkd** 1985;73(3):262-74 (Eng. Abstr.) (Ger)

DENTAL CAVITY PREPARATION

Morphology of dentin surfaces in prepared cavities. Friskopp J, et al. **ASDC J Dent Child** 1985 May-Jun;52(3):177-82

Rationale for designing cavity preparations. Laswell HR, et al. **Dent Clin North Am** 1985 Apr;29(2):241-9 (31 ref.)

Periodontal restorative interrelationships: the isolated restoration. Fugazzotto PA. **J Am Dent Assoc** 1985 Jun;110(6):915-7

Quantified marginal leakage of composites in vitro. Arends J, et al. **J Oral Rehabil** 1985 May;12(3):229-34

The pulpal response to dilute citric acid smear removers. McInnes-Ledoux P, et al. **J Oral Rehabil** 1985 May;12(3):215-28

Pin amalgam restoration and pin amalgam foundation. Lambert RL, et al. **J Prosthet Dent** 1985 Jul;54(1):10-2

Measurement of occlusal reduction for cast restorations. Limpinsel W. **J Prosthet Dent** 1985 Jun;53(6):838-9

Internal escape channel to improve the seating of full crowns with various marginal configurations: a follow-up study. Tjan AH, et al. **J Prosthet Dent** 1985 Jun;53(6):759-63

Margins. Gulker I. **NY State Dent J** 1985 Apr;51(4):213-5, 217

The effect of radiation on the response of dental pulp to operative and endodontic procedures: an experimental study. Fawzi MI, et al. **Oral Surg Oral Med Oral Pathol** 1985 Apr;59(4):405-13

Two-year assessment of anterior resin restorations inserted with two acid-etch restorative procedures. Qvist V, et al. **Scand J Dent Res** 1985 Aug;93(4):343-50

ADVERSE EFFECTS

[Cytological changes in the pulp-dentin system following injury due to cavity preparation and the application of phosphate cement] Rutsatz K, et al. **Zahn Mund Kieferheilkd** 1985;73(2):123-31 (Eng. Abstr.) (Ger)

[Effect of gingival retraction on the periodontal tissues] Kalamkarov KhA, et al. **Stomatologiia (Mosk)** 1984 Nov-Dec;63(6):68-74 (Eng. Abstr.) (Rus)

INSTRUMENTATION

Instrumentation for solving abutment parallelism problems in fixed prosthodontics. Gold HO. **J Prosthet Dent** 1985 Feb;53(2):172-9

Moisture evacuation with the rubber dam in place. Lambert RL. **J Prosthet Dent** 1985 May;53(5):749

Tooth preparation guide for embrasure clasp designs. von Gonten AS, et al. **J Prosthet Dent** 1985 Feb;53(2):281-2

Foreign body in tongue. Samborski CS, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):549

[Mechanical condensers—their effect on the quality of different amalgam types] Wirz J, et al. **Schweiz Monatsschr Zahnmed** 1984 Nov;94(11):1132-49 (Eng. Abstr.) (Ger)

METHODS

The application of tooth-separation in clinical pedodontics. Seow WK. **ASDC J Dent Child** 1984 Nov-Dec;51(6):428-30

New approaches to cavity design with special reference to the class II lesion. Elderton RJ. **Br Dent J** 1984 Dec 22;157(12):421-7

Crown preparations for semiprecision attachment removable partial dentures. Panno FV. **Dent Clin North Am** 1985 Jan;29(1):117-32

Preparation modifications for damaged vital posterior teeth. Shillingburg HT Jr, et al. **Dent Clin North Am** 1985 Apr;29(2):305-26

Occlusal composite restorations: 4-year results. Houpt M, et al. **J Am Dent Assoc** 1985 Mar;110(3):351-3

An evaluation of sequential models in the preclinical laboratory. Weiner S, et al. **J Dent Educ** 1985 Feb;49(2):109-10

The influence of modification of cavity design on distribution of stresses in a restored molar. de Vree JH, et al. **J Dent Res** 1984 Oct;63(10):1217-20

A comparison of digital and optical criteria for detecting carious dentin. Anderson MH, et al. **J Prosthet Dent** 1985 May;53(5):643-6

Alteration of occlusal reduction of prepared abutment teeth subsequent to final impressions. Davidoff SR. **J Prosthet Dent** 1985 Feb;53(2):158-60

Biometric comparison of bur and electrosurgical retraction methods. DeVitre R, et al. **J Prosthet Dent** 1985 Feb;53(2):179-82

Morphology and permeability of the dentinal smear layer. Dippel HW, et al. **J Prosthet Dent** 1984 Nov;52(5):657-62

Relationship of wall orientation to proximal box design in inlay preparations. DuBois LM, et al. **J Prosthet Dent** 1984 Oct;52(4):522-5

Fracture resistance of human teeth with mesial-occlusal-distal cavities prepared with sharp and round internal line forms. Eakle WS, et al. **J Prosthet Dent** 1985 May;53(5):646-9

No evidence of increased retention [letter] Engelman MA, et al. **J Prosthet Dent** 1984 Sep;52(3):457

Microleakage of microfilled composite resin restorations with different cavosurface designs. Hembree JH Jr. **J Prosthet Dent** 1984 Nov;52(5):653-6

A method to prepare immediate overdenture teeth accurately. Kahn RC. **J Prosthet Dent** 1985 Feb;53(2):290

A method for determining adequate resistance form of complete cast crown preparations. Weed RM, et al. **J Prosthet Dent** 1984 Sep;52(3):330-4

Effect of ethanol and NPG-GMA on replica patterns on composite restorations performed in vivo in acid-etched cavities. Qvist V, et al. **Scand J Dent Res** 1985 Aug;93(4):371-6

Replica patterns on composite restorations performed in vivo with different acid-etch restorative procedures. Qvist V, et al. **Scand J Dent Res** 1985 Aug;93(4):360-70

[Improvement of the tooth cavity shape for amalgam filling] Chen WQ. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar;19(1):46-7 (Chi)

DENTAL CEMENTS

Factors affecting in vitro bond strength of no-mix orthodontic cements. Evans LB, et al. **Am J Orthod** 1985 Jun;87(6):508-12

The use of adhesive materials in the conservative restoration of selected posterior teeth. Knight GM. **Aust Dent J** 1984 Oct;29(5):324-31

Finishing glass-ionomer cement. A scanning electron microscope examination of the surface of an anhydrous glass-ionomer cement in vivo. Knibbs PJ, et al. **Br Dent J** 1984 Dec 8;157(11):398-400

Alternatives to amalgam alloys: 1. McLean JW. **Br Dent J** 1984 Dec 22;157(12):432-3

The use of glass-ionomer cements in bonding composite resins to dentine. McLean JW, et al. **Br Dent J** 1985 Jun 8;158(11):410-4

The relative solubilities of four modern glass-ionomer cements. Setchell DJ, et al. **Br Dent J** 1985 Mar 23;158(6):220-2

A survey of inorganic and polyelectrolyte cements. Wilson AD, et al. **Br Dent J** 1984 Dec 22;157(12):449-54

Alternatives to amalgam alloys: 2. Yardley RM. **Br Dent J** 1984 Dec 22;157(12):434-5

Comparison of physical properties of commercial glass ionomer luting cements. McComb D, et al. **Can Dent Assoc J** 1984 Sep;50(9):699-701

Bonding of restorative materials to dentine: the present status in the Federal Republic of Germany. Nolden R. **Int Dent J** 1985 Jun;35(2):166-72

Characterization of glass-ionomer cements. 7. The physical properties of current materials. Prosser HJ, et al. **J Dent** 1984 Sep;12(3):231-40

Intermediate restoratives from n-hexyl vanillate-EBA-ZnO-glass composites. Brauer GM, et al. **J Dent Res** 1984 Nov;63(11):1315-20

An erosion test for dental cements. Walls AW, et al. **J Dent Res** 1985 Aug;64(8):1100-4

Studies on tensile bond strength tests for dental cements. Relationship between measurement conditions and tensile bond strength. Anzai M, et al. **J Nihon Univ Sch Dent** 1985 Mar;27(1):1-12

The relationship of lining thickness and thermal insulating efficiency. Jeffrey IW. **J Oral Rehabil** 1984 Sep;11(5):429-39

Crown retention and seating on natural teeth with a resin cement. Brukl CE, et al. **J Prosthet Dent** 1985 May;53(5):618-22

Surface preparation and shear bond strength of the casting-cement interface. Button GL, et al. **J Prosthet Dent** 1985 Jan;53(1):34-8

Bond strength of cements to nickel-chromium and silver-palladium alloys. Chan KC, et al. **J Prosthet Dent** 1985 Mar;53(3):353-5

Relative shear bond strengths of luting media with various core materials. Dilts WE, et al. **J Prosthet Dent** 1985 Apr;53(4):505-8

Effect of the dentin smeared layer on tensile strength of cemented posts. Goldman M, et al. **J Prosthet Dent** 1984 Oct;52(4):485-8

Tensile bond strength of a glass-ionomer cement. Lacefield WR, et al. **J Prosthet Dent** 1985 Feb;53(2):194-8

Clinical study of two luting cements used on student-treated patients: an interim report. Oilo G, et al. **J Prosthet Dent** 1984 Oct;52(4):518-22

Early erosion of dental cements. Oilo G. **Scand J Dent Res** 1984 Dec;92(6):539-43

ADMINISTRATION & DOSAGE

Preparation and evaluation in vitro of polycarbonate microspheres containing local anesthetics. Kojima T, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul;32(7):2795-802

ADVERSE EFFECTS

Reported sensitivity to glass ionomer luting cements. Council on Dental Materials, Instruments, and Equipment. **J Am Dent Assoc** 1984 Sep;109(3):476

[Cytological changes in the pulp-dentin system following injury due to cavity preparation and the application of phosphate cement] Rutsatz K, et al. **Zahn Mund Kieferheilkd** 1985;73(2):123-31 (Eng. Abstr.) (Ger)

ANALYSIS

[An ESCA (electron spectroscopy for chemical analysis) study of the degradation of the surface of glass ionomeric cements in a wet environment] Pappalardo G, et al. **Minerva Stomatol** 1984 Jul-Aug;33(4):635-44 (Eng. Abstr.) (Ita)

PHARMACODYNAMICS

Cytotoxicity testing of a dentin bonding system. Dumsha TC, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):637-41

[Adhesive restoration—flop or hit?] Lutz F, et al. **Schweiz Monatsschr Zahnmed** 1984 Nov;94(11):1124-31 (Eng. Abstr.) (Ger)

[Pulpal and dentinal responses to glass ionomer cement] Miani C, et al. **Minerva Stomatol** 1984 Jul-Aug;33(4):677-81 (Eng. Abstr.) (Ita)

[Composite fillings. New dental adhesives] Nonato M. **Minerva Stomatol** 1985 Jan-Feb;34(1):1-4 (Ita)

[Permeability to bacterial flora in restorations done with composite materials and the use of a new dentin adhesive] Nonato M, et al. **Minerva Stomatol** 1984 Jul-Aug;33(4):683-8 (Eng. Abstr.) (Ita)

[Comparative characteristics of the adhesiveness of filling materials based on scanning electron microscopic data] Dolnikov AI, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):9-10 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

[Experimental studies of the anticariogenic action of glass ionomer cement] Staehle HJ, et al. **Dtsch Zahnarztl Z** 1984 Jul;39(7):532-4 (Eng. Abstr.) (Ger)

[Possibilities of preventing fissure caries of first molars in children 6 to 7 years of age] Jaworska D. **Ann Acad Med Stetin** 1984;30:281-93 (Eng. Abstr.) (Pol)

[Clinical evaluation of the effectiveness of the protective coating for a tooth prepared for an artificial crown] Rakhlenko AG. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):57-8 (Eng. Abstr.) (Rus)

DENTAL CEMENTUM

Microleakage of composite resin restorations with cementum margins. Phair CB, et al. **J Prosthet Dent** 1985 Mar;53(3):361-4

ABNORMALITIES

Dentinogenesis imperfecta type III with enamel and cementum defects. Clergeau-Guerithault S, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):505–10

ANALYSIS

Distribution of fluoride in human cementum. Nakagaki H, et al. **Arch Oral Biol** 1985;30(2):101–4

Electron probe study of human and red deer cementum and root dentin. Töldal B, et al. **Scand J Dent Res** 1985 Feb;93(1):6–12

[Hardness tests on the enamel, dentin and cementum of historic and prehistoric human teeth] Schemel W, et al. **Schweiz Monatsschr Zahnmed** 1985 Jan;95(1):31–40 (Eng. Abstr.) (Ger)

[Analysis of trace elements present on dental surfaces] Torrisi L, et al. **Minerva Stomatol** 1985 Mar–Apr;34(2):209–12 (Eng. Abstr.) (Ita)

ANATOMY & HISTOLOGY

The relationship of cementum to enamel at the cementoenamel junction. Mayhall CW, et al. **Ala J Med Sci** 1984 Oct;21(4):366–73

ENZYMOLOGY

Collagenase in mineralized tissues of human teeth. Dumas J, et al. **FEBS Lett** 1985 Jul 22;187(1):51–5

IMMUNOLOGY

In vitro sorption of IgG to cementum. Fine DH, et al. **J Periodont Res** 1984 Sep;19(5):445–56

PATHOLOGY

Histologic evaluation of new attachment in humans. A preliminary report. Bowers GM, et al. **J Periodontol** 1985 Jul;56(7):381–96

PHYSIOLOGY

[Hardness tests on the enamel, dentin and cementum of living human teeth] Schemel W, et al. **Schweiz Monatsschr Zahnmed** 1984 Oct;94(10):1029–41 (Eng. Abstr.) (Ger)

ULTRASTRUCTURE

Ultrastructural characterization of extracellular matrix vesicles in the mineralizing fronts of apical cementum in cats. Hayashi Y. **Arch Oral Biol** 1985;30(5):445–9

Surface coatings on dental cementum incident to periodontal disease. (II). Scanning electron microscopic confirmation of a mineralized cuticle. Eide B, et al. **J Clin Periodontol** 1984 Oct;11(9):565–75

Cell migration attachment and orientation in vitro are enhanced by partial demineralization of dentine and cementum and inhibited by bacterial endotoxin. Pitaru S, et al. **J Periodont Res** 1984 Nov;19(6):661–5

Location and ultrastructure of the first cementum formed in rabbit incisors. Grevstad HJ, et al. **Scand J Dent Res** 1985 Aug;93(4):289–303

[SEM observations on reabsorption areas of human cement in normal and pathological conditions] Morabito A, et al. **Minerva Stomatol** 1985 Jan–Feb;34(1):45–51 (Eng. Abstr.) (Ita)

DENTAL CLINICS

Number of teeth and tooth loss of former dental school patients. Follow-up study after 10–17 years. Halse A, et al. **Acta Odontol Scand** 1985 Mar;43(1):25–9

A mobile dental clinic program as part of the dental curriculum. Ellis RL, et al. **Can Dent Assoc J** 1985 Feb;51(2):125–9

Prevention of bacterial contamination of water in dental units. Furuhashi M, et al. **J Hosp Infect** 1985 Mar;6(1):81–8

A dental phobia clinic. Kaplan AS, et al. **NY State Dent J** 1984 Oct;50(8):491–2

[Analysis of morbidity with temporary loss of work capacity based on data from the surgical department of a provincial dental polyclinic] Dem'ianenko VI, et al. **Stomatologiia (Mosk)** 1985 Jan–Feb;64(1):72–3 (Rus)

HISTORY

[25-year history of the Clinic of Preventive Dentistry at the Semmelweis University of Medicine] Bánóczy J, et al. **Fogorv Sz** 1984 Nov;77(11):321–3 (Hun)

[History and activities of the Pedodontic and Orthodontic Clinic of the Semmelweis University School of Medicine for a quarter of a century] Dénes J. **Fogorv Sz** 1984 Sep;77(9):258–9 (Hun)

[25-year history and activities of the Prosthodontic Clinic of the Semmelweis University of Medicine] Fábián T. **Fogorv Sz** 1984 Oct;77(10):289–91 (Hun)

[25-year history and activities of the Department of Oral Surgery and Dentistry] Szabó G. **Fogorv Sz** 1984 Dec;77(12):353–5 (Hun)

ORGANIZATION & ADMINISTRATION

[Organization of prophylactic work in the Pedodontics Department of the Klaipeda Dental Polyclinic, Lithuanian SSR] Rochene IV, et al. **Stomatologiia (Mosk)** 1984 Nov–Dec;63(6):29–30 (Eng. Abstr.) (Rus)

UTILIZATION

Use of services, care-seeking behavior and satisfaction among university dental clinic patients in Finland. Alvesalo I, et al. **Community Dent Oral Epidemiol** 1984 Oct;12(5):297–302

[10-year activities in training dentists at the Dental Clinic of the Medical School of the University of Pécs] Szabó I. **Fogorv Sz** 1985 May;78(5):129–36 (Hun)

DENTAL CROWNS see CROWNS

DENTAL DEPOSITS

METABOLISM

Chemical and morphological studies of the acquired pellicle formed subgingivally on dentin in vivo. Abbas DK, et al. **Acta Odontol Scand** 1985 Mar;43(1):31–7

MICROBIOLOGY

Contribution of stereochemical interactions in the adhesion of Streptococcus sanguis C5 to experimental pellicles. Gibbons RJ, et al. **J Dent Res** 1985 Feb;64(2):96–101

PHYSIOPATHOLOGY

Surface free energy changes of human enamel during pellicle formation. An in vivo study. de Jong HP, et al. **Caries Res** 1984;18(5):408–15

Effect of topically applied fluoride solutions on the surface free energy of pellicle-covered human enamel. de Jong HP, et al. **Caries Res** 1984;18(6):505–8

SURGERY

The removal of root surface deposits. Eaton KA, et al. **J Clin Periodontol** 1985 Feb;12(2):141–52

THERAPY

Clinical methods for determining dentifrice-cleaning ability. American Dental Association Health Foundation Research Institute. **J Am Dent Assoc** 1984 Nov;109(5):759–62

DENTAL DEVICES, HOME CARE

Use of gingival bleeding for reinforcement of oral home care behavior. Walsh MM, et al. **Community Dent Oral Epidemiol** 1985 Jun;13(3):133–5

Effect of self-administered daily irrigation with 0.02% SnF2 on periodontal disease activity. Boyd RL, et al. **J Clin Periodontol** 1985 Jul;12(6):420–31

The role of dental floss in restorative dentistry. Samant A, et al. **J Prosthet Dent** 1985 Apr;53(4):597

Three-in-one periodontal aid for overdenture abutment teeth. Walters RA. **J Prosthet Dent** 1985 Jul;54(1):156

ADVERSE EFFECTS

Sigmoid colon perforation: result of accidental swallowing of a toothpick. Kaufman E, et al. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):535–6

DENTAL ENAMEL

see related
AMELOBLASTS
AMELOGENESIS

Status report on enamel bonding of composite, preformed laminate, and laboratory fabricated resin veneers. Council on Dental Materials, Instruments, and Equipment. **J Am Dent Assoc** 1984 Nov;109(5):762–4

The effect of five-year storage prior to bonding on enamel/composite bond strength. Williams VD, et al. **J Dent Res** 1985 Feb;64(2):151–4

Inhibition of bacterial growth by tetracycline-impregnated enamel and dentin. Bjorvatn K, et al. **Scand J Dent Res** 1984 Dec;92(6):508–16

Tetracycline-impregnated enamel and dentin: duration of antimicrobial capacity. Bjorvatn K, et al. **Scand J Dent Res** 1985 Jun;93(3):192–7

[Bonding strength of dental adhesives to etched enamel] Ma XX. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Sep;19(3):140–2 (Chi)

ABNORMALITIES

Prevalence of developmental defects of enamel and dental caries in New Zealand children receiving differing fluoride supplementation. de Liefde B, et al. **Community Dent Oral Epidemiol** 1985 Jun;13(3):164–7

Diagnosis of enamel defects. Sarnat H, et al. **NY State Dent J** 1985 Feb;51(2):103–4, 106

Dentinogenesis imperfecta type III with enamel and cementum defects. Clergeau-Guerithault S, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):505–10

ANALYSIS

Aqueous density fractionation of mineralizing tissues: an efficient method applied to the preparation of enamel fractions suitable for crystal and protein studies. Menanteau J, et al. **Calcif Tissue Int** 1984 Dec;36(6):577–81

Enamel fluoride profile construction from biopsy data. Chow LC, et al. **Caries Res** 1985;19(2):103–12

Chemical and physical evaluation of dialyzed-reconstituted acidified gelatin surface lesions of human enamel. Featherstone FF, et al. **Caries Res** 1985;19(3):219–27

Fluoride concentration in deciduous enamel in high- and low-fluoride areas (short communication). Iijima Y, et al. **Caries Res** 1985;19(3):262–5

Raman spectra of phosphate and monofluorophosphate ions in several dentally-relevant materials. Nelson DG, et al. **Caries Res** 1985;19(2):113–21

Relationship between enamel fluoride concentration and dental caries in a selected population. Nasir HI, et al. **Community Dent Oral Epidemiol** 1985 Apr;13(2):65–7

Some physico-chemical properties of deciduous enamel of children with and without pre-natal fluoride supplementation (PNF). LeGeros RZ, et al. **J Dent Res** 1985 Mar;64(3):465–9

Analysis of dental hard tissue by computerized microdensitometry. Mallon DE, et al. **J Dent Res** 1985 Feb;64(2):112–6

Fluoride in deciduous teeth from an anti-caries clinical study. Sakkab NY, et al. **J Dent Res** 1984 Oct;63(10):1201–5

Isolation of enamelinlike proteins from blue shark (Prionace glauca) enameloid. Graham EE. **J Exp Zool** 1985 May;234(2):185–91

Relationships between carbonate, sex and other macroelements in human whole enamel. Knuuttila M, et al. **Scand J Dent Res** 1985 Feb;93(1):1–3

Fluorine levels in in vitro remineralized enamel after treatment with 1000 ppm F as NaF, MFP or mixed solutions. Lodding A, et al. **Scand J Dent Res** 1985 Aug;93(4):315–9

Fluorine concentration in primary tooth enamel in 6-year-olds after 3 years of daily intake of fluoride-containing tablets (Fludent). Widenheim J, et al. **Swed Dent J** 1984;8(4):203–7

[Hardness tests on the enamel, dentin and cementum of historic and prehistoric human teeth] Schemel W, et al. **Schweiz Monatsschr Zahnmed** 1985 Jan;95(1):31–40 (Eng. Abstr.) (Ger)

[Effect of pre- and postnatal fluoride burdens on the fluoride content of the deciduous tooth enamel] Künzel W, et al. **Zahn Mund Kieferheilkd** 1985;73(1):3–9 (Eng. Abstr.) (Ger)

[Effect of selenium on the microhardness of incisors in rats kept on normal and protein-deficient diets] Tóth P, et al. **Fogorv Sz** 1985 Jun;78(6):184–7 (Eng. Abstr.) (Hun)

[Analysis of trace elements present on dental surfaces] Torrisi L, et al. **Minerva Stomatol** 1985 Mar–Apr;34(2):209–12 (Eng. Abstr.) (Ita)

[Disordered mineralization process in hard dental tissues and the principles of its regulation] Borovskiĭ EV, et al. **Stomatologiia (Mosk)** 1984 Sep–Oct;63(5):19–22 (Eng. Abstr.) (Rus)

ANATOMY & HISTOLOGY

The relationship of cementum to enamel at the cementoenamel junction. Mayhall CW, et al. **Ala J Med Sci** 1984 Oct;21(4):366–73

On the nature of the opaque and translucent enamel regions of some macropodinae (Macropus giganteus, Wallabia bicolor and Peradorcas concinna). Palamara J, et al. **Cell Tissue Res** 1984;238(2):329–37

Enamel microhardness change and plaque pH measurements in an intra-oral model in humans. Essig ME, et al. **J Dent Res** 1985 Aug;64(8):1065–8

Remineralization of softened bovine enamel following treatment of overlying plaque with a mineral-enriching solution. Pearce EI, et al. **J Dent Res** 1985 Mar;64(3):416–21

Fracture properties of human teeth in proximity to the dentinoenamel junction. Rasmussen ST. **J Dent Res** 1984 Nov;63(11):1279–83

Optimal concentration of phosphoric acid as an etching agent. Part III: Enamel wettability studies. Retief DH, et al. **J Prosthet Dent** 1985 Jan;53(1):42–6

Significance of enamel thickness in hominoid evolution. Martin L. **Nature** 1985 Mar 21–27;314(6008):260–3

Tooth enamel tells a complex story [news] Lewin R. **Science** 1985 May 10;228(4700):707

A procedure for splitting human teeth to obtain intact pulp tissue, enamel and dentin. Rapp R. **Stain Technol** 1985 Jan;60(1):39–43

[Histologic contribution to the study of the hypomineralisation of human dental enamel] Klees L. **Bull Group Int Rech Sci Stomatol Odontol** 1984 Oct;27(4):269–92 (Eng. Abstr.) (Fre)

[Enamel projections in human molars. Their incidence and distribution] Praglia E, et al. **Minerva Stomatol** 1985 Mar–Apr;34(2):343–6 (Eng. Abstr.) (Ita)

DRUG EFFECTS

A scanning electron microscopic and polarized light microscopic study of acid-etching of caries-like lesions in human tooth enamel treated with sodium fluoride in vitro. Hicks MJ, et al. **Arch Oral Biol** 1984;29(10):765–72

The effect of undissociated acetic-acid concentration of buffer solutions on artificial caries-like lesion formation in human tooth enamel. Theuns HM, et al. **Arch Oral Biol** 1984;29(10):759–63

Effect of topically applied fluoride solutions on the surface free energy of pellicle-covered human enamel. de Jong HP, et al. **Caries Res** 1984;18(6):505-8

Influence of EHDP and F on Ca and P loss from enamel during the intra-oral cariogenicity test. Wöltgens JH, et al. **J Biol Buccale** 1984 Dec;12(4):339-45

Effect of some salts of calcium, sodium, potassium, and strontium on intra-oral enamel demineralization. Brudevold F, et al. **J Dent Res** 1985 Jan;64(1):24-7

Evaluation of 2-phosphono-butane 1,2,4 tricarboxylate as a crystal growth inhibitor in vitro and in vivo. Gaffar A, et al. **J Dent Res** 1985 Jan;64(1):6-11

The effect of iron on in vitro decalcification of human tooth enamel. Weiss G, et al. **J Oral Rehabil** 1985 Jan;12(1):91-3

Defects of tooth enamel in children in fluoridated and non-fluoridated water areas of the Auckland region. Cutress TW, et al. **NZ Dent J** 1985 Jan;81(363):12-9

Effect of one or three applications of amine fluoride gel on the in vitro fluoride concentration of human enamel. Sener-Zanola B, et al. **Schweiz Monatsschr Zahnmed** 1984 Sep;94(9):871-7

[Reduction of the solubility of enamel following treatment with nicomethanol hydrofluoride] Vezin JC, et al. **Pharm Acta Helv** 1985;60(5-6):145-8 (Eng. Abstr.) (Fre)

[Animal experiments on the reaction of dental hard substance to corticoids] Radtke G, et al. **Padiatr Grenzgeb** 1985; 24(2):167-74 (Eng. Abstr.) (Ger)

[Animal experimental and clinical studies of the caries activity and progression in hard dental tissues containing tetracycline. 2. The clinical studies] Radtke G, et al. **Zahn Mund Kieferheilkd** 1984;72(5):420-4 (Eng. Abstr.) (Ger)

EMBRYOLOGY

Formation of tight and gap junctions in the inner enamel epithelium and preameloblasts in human fetal tooth germs. Sasaki T, et al. **Acta Anat (Basel)** 1985;121(4):223-9

ENZYMOLOGY

Purification and subunit structure of alkaline phosphatase from bovine enamel organ. Oida S, et al. **Arch Oral Biol** 1985;30(2):193-6

Collagenase in mineralized tissues of human teeth. Dumas J, et al. **FEBS Lett** 1985 Jul 22;187(1):51-5

GROWTH & DEVELOPMENT

Cell sizes and apposition of dental hard tissues in rats. Lange A, et al. **Acta Odontol Scand** 1984 Aug;42(4):215-23

The effects of chronic high fluoride levels on forming enamel in the rat. DenBesten PK, et al. **Arch Oral Biol** 1984; 29(9):675-9

Variations in growth of the enamel crown in human teeth and a possible relationship between growth and enamel structure. Shellis RP. **Arch Oral Biol** 1984;29(9):697-705

METABOLISM

The effect of topical fluoride treatment on enamel fluoride uptake and the tensile bond strength of an orthodontic bonding resin. Bryant S, et al. **Am J Orthod** 1985 Apr; 87(4):294-302

An autoradiographic study of the in-vivo incorporation of [3H]-palmitic acid into the dentine and enamel lipids of rat incisors, with a comparison of rapid-freezing freeze-substitution fixation and aldehyde fixation. Goldberg M, et al. **Arch Oral Biol** 1984;29(9):691-5

Effect of time, degree of saturation, pH and acid concentration of buffer solutions on the rate of in-vitro demineralization of human enamel. Theuns HM, et al. **Arch Oral Biol** 1985;30(1):37-42

Uptake of fluoride by human surface enamel from ammonium bifluoride and consequent reduction in the penetration in vitro by caries-like lesions. Tyler JE, et al. **Arch Oral Biol** 1984;29(12):971-4

The surface free energy of human dental enamel. Busscher HJ, et al. **Biomater Med Devices Artif Organs** 1984; 12(1-2):37-49

Calcium distribution in freeze-dried enamel organ tissue during normal and altered enamel mineralization. Eisenmann DR, et al. **Calcif Tissue Int** 1984 Sep; 36(5):596-603

Preferential loss of acetic acid from plaque fermentation in the presence of enamel (short communication). Geddes DA, et al. **Caries Res** 1984;18(5):430-3

Kinetic and thermodynamic aspects of enamel demineralization. Margolis HC, et al. **Caries Res** 1985; 19(1):22-35

Development of carious-like lesions in partially saturated lactate buffers. Margolis HC, et al. **Caries Res** 1985; 19(1):36-45

Effects of ionic organic materials on enamel demineralization (short communication). Tung MS, et al. **Caries Res** 1985; 19(1):72-5

Long-term retention and effectiveness of APF and neutral KF fluoridation agents on sound and etched bovine enamel. Valk JW, et al. **Caries Res** 1985;19(1):46-52

Intraoral uptake of fluoride by presoftened enamel following systemic administration and fluoride mouthrinsing. Zimmermann MB, et al. **Caries Res** 1985;19(3):255-61

Enamel fluoride in nursing rats with mothers drinking water with high fluoride concentrations. Drinkard CR, et al. **J Dent Res** 1985 Jun;64(6):877-80

Fluoride uptake in plaque-covered enamel after treatment with the fluoride lacquer Duraphat. Hellwig E, et al. **J Dent Res** 1985 Aug;64(8):1080-3

Enhanced fluoride uptake from mouthrinses. Hong YC, et al. **J Dent Res** 1985 Feb;64(2):82-4

An in vivo investigation of the fluoride uptake in partially demineralized human enamel from several different dentifrices. Reintsema H, et al. **J Dent Res** 1985 Jan; 64(1):19-23

In situ fluoride uptake from fluoride dentifrices by carious enamel. Stookey GK, et al. **J Dent Res** 1985 Jun; 64(6):900-3

The reliability of the iodide permeability test applied to the natural dentition. Tavares M, et al. **J Dent Res** 1985 Oct; 64(10):1257-60

Ameloblastic secretion and calcification of the enamel layer in shark teeth. Kemp NE. **J Morphol** 1985 May; 184(2):215-30

Mineral flux of surface enamel and root surfaces in acidified gelatin gels. Feagin FF. **J Oral Pathol** 1984 Oct; 13(5):497-504

Enamel dissolution and fluoride uptake from sugar solutions. Jerushalmi I, et al. **J Oral Rehabil** 1984 Nov;11(6):555-9

In vitro fluoride uptake by human enamel after brushing with an amine fluoride gel and subsequent loss of fluoride by water-washing. Barbakow F, et al. **Schweiz Monatsschr Zahnmed** 1984 Dec;94(12):1275-83

MICROBIOLOGY

Deep bacterial penetration of early proximal caries lesions in young human premolars. Mejàre I, et al. **ASDC J Dent Child** 1985 Mar-Apr;52(2):103-7

The microflora associated with developing lesions of nursing caries. Milnes AR, et al. **Caries Res** 1985;19(4):289-97

A new apparatus for continuous cultivation of bacterial plaque on solid surfaces and human dental enamel. Noorda WD, et al. **J Appl Bacteriol** 1985 Jun;58(6):563-9

[A preliminary study of the absorption of Streptococcus mutans on enamel surfaces] Yue SL. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Jun;19(2):69-71 (Chi)

PATHOLOGY

Effect of prolonged iron deficiency on enamel pigmentation and tooth structure in rat incisors. Prime SS, et al. **Arch Oral Biol** 1984;29(11):905-9

Patho-morphological studies on the buccal pit. Awazawa Y, et al. **Bull Group Int Rech Sci Stomatol Odontol** 1984 Oct;27(4):239-56

Chemical and histological changes during development of artificial caries. Featherstone JD, et al. **Caries Res** 1985; 19(1):1-10

A polarized light microscopic study of progressive stages of enamel caries in vivo. Holmen L, et al. **Caries Res** 1985; 19(4):348-54

Longitudinal study of prevalence of enamel lesions in a fluoridated and non-fluoridated area. Groeneveld A. **Community Dent Oral Epidemiol** 1985 Jun;13(3):159-63

Cyclical phenomena occurring during the maturation of the enamel of rat incisor teeth. Their manifestation during drying. Reid SA, et al. **Histochemistry** 1984;81(6):521-4

A model for producing caries-like lesions in enamel and dentin using oral bacteria in vitro. Clarkson BH, et al. **J Dent Res** 1984 Oct;63(10):1186-9

Comparison of artificial white spots by microradiography and polarized light microscopy. Wefel JS, et al. **J Dent Res** 1984 Nov;63(11):1271-5

PHYSIOLOGY

A phenomenological interpretation of the frequency-dependent impedance behaviour of bovine dental enamel. Scholberg HP, et al. **Arch Oral Biol** 1984; 29(12):965-70

Surface free energy changes of human enamel during pellicle formation. An in vivo study. de Jong HP, et al. **Caries Res** 1984;18(5):408-15

Rehardening properties of mucin- or CMC-containing saliva substitutes on softened human enamel. Effects of sorbitol, xylitol and increasing viscosity. Vissink A, et al. **Caries Res** 1985;19(3):212-8

Tooth enamel gene identified by rDNA technology. Sheridan P. **J Am Dent Assoc** 1985 Mar;110(3):384

[Hardness tests on the enamel, dentin and cementum of living human teeth] Schemel W, et al. **Schweiz Monatsschr Zahnmed** 1984 Oct;94(10):1029-41 (Eng. Abstr.) (Ger)

[Diagnosis of the condition of the enamel by the bioelectrical potential of the tooth surface] Kharchenko VN. **Stomatologiia (Mosk)** 1984 Nov-Dec;63(6):14-5 (Eng. Abstr.) (Rus)

PHYSIOPATHOLOGY

[Etiology of dental enamel caries: history and current physicochemical and crystallographic theories] Martens LC, et al. **Rev Belge Med Dent** 1984 Jun-Jul;39(3):76-82 (Eng. Abstr.) (Fre)

RADIATION EFFECTS

Compositional, structural, and phase changes in in vitro laser-irradiated human tooth enamel. Kuroda S, et al. **Calcif Tissue Int** 1984 Jul;36(4):361-9

The effect of X-radiation on the susceptibility of enamel to an artificial caries-like attack in vitro. Joyston-Bechal S. **J Dent** 1985 Mar;13(1):41-4

Adhesion of composite materials to enamel: comparison between the use of acid and lasing as pretreatment. Liberman R, et al. **Lasers Surg Med** 1984;4(4):323-7

Dental enamel as an in vivo radiation dosimeter. Pass B, et al. **Med Phys** 1985 May-Jun;12(3):305-7

RADIOGRAPHY

A method for radiographic longitudinal study of mineral content during in-vitro demineralization and remineralization of human tooth enamel. Klinger HG, et al. **Arch Oral Biol** 1985;30(4):373-5

Reproducibility of computer-aided image-analysis-derived estimates of the depth and area of radiolucencies in approximal enamel. Pitts NB, et al. **J Dent Res** 1985 Oct; 64(10):1221-4

Diagnostic accuracy on detection of proximal enamel lesions in nonscreen radiographic performance. Okano T, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):543-7

ULTRASTRUCTURE

A combined scanning electron microscopy and immunofluorescence study demonstrating that the odontoblast process extends to the dentinoenamel junction in human teeth. Sigal MJ, et al. **Anat Rec** 1984 Nov; 210(3):453-62

Ultrastructural study of the effects of fixation and fluoride injection on stippled material during amelogenesis in the rat. Chen S, et al. **Arch Oral Biol** 1984;29(9):681-6

Relationship between human enamel structure and the formation of caries-like lesions in vitro. Shellis RP. **Arch Oral Biol** 1984;29(12):975-81

Observations of SnF2-treated human enamel using scanning electron microscope. Barbakow F, et al. **ASDC J Dent Child** 1985 Jul-Aug;52(4):279-86

Acid-etching of enamel cavity walls. Martin FE, et al. **Aust Dent J** 1984 Oct;29(5):308-14

Morphology of the aprismatic enamel: a SEM study of different etching. Meola MT, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2325-31

Length and shape of enamel crystals. Daculsi G, et al. **Calcif Tissue Int** 1984 Sep;36(5):550-5

A scanning electron microscopic study of surface changes during development of artificial caries. Holmen L, et al. **Caries Res** 1985;19(1):11-21

A scanning electron microscopic study of progressive stages of enamel caries in vivo. Holmen L, et al. **Caries Res** 1985; 19(4):355-67

The destructive pathway in early enamel caries. Yue SL. **Chin Med J [Engl]** 1984 Jun;97(6):451-7

Oral fluid contamination of etched enamel surfaces: an SEM study. Silverstone LM, et al. **J Am Dent Assoc** 1985 Mar; 110(3):329-32

Cohesive and adhesive fracture patterns of the composite-enamel bond. de Groot R, et al. **J Biol Buccale** 1985 Mar;13(1):63-71

Effect of disinfection/sterilization on in-vitro enamel bonding. Shaffer SE, et al. **J Dent Educ** 1985 Sep; 49(9):658-9

Fracture properties of human enamel and dentin in an aqueous environment. Rasmussen ST, et al. **J Dent Res** 1984 Dec;63(12):1362-8

A new method for sealing composite resin contraction gaps in lined cavities. Torstenson B, et al. **J Dent Res** 1985 Mar; 64(3):450-3

Scanning electron microscope study of cat and dog enamel structure. Skobe Z, et al. **J Morphol** 1985 May; 184(2):195-203

A varnish to prevent etching unrestored enamel. Hachiya Y, et al. **J Prosthet Dent** 1985 Jan;53(1):46-50

Structural effects of bleaching on tetracycline-stained vital rat teeth. Ledoux WR, et al. **J Prosthet Dent** 1985 Jul; 54(1):55-9

Effect of surface treatments on the bond strength of etched-metal resin-bonded retainers. Meiers JC, et al. **J Prosthet Dent** 1985 Feb;53(2):185-90

Cavity varnish and cavity liner appearance on enamel and dentin. Tveit AB, et al. **J Prosthet Dent** 1985 Feb; 53(2):199-203

Multiangular viewing of dental enamel in the SEM: an apparatus for controlled mechanical specimen preparation. Risnes S. **Scand J Dent Res** 1985 Apr;93(2):135-8

A scanning electron microscope study of the three-dimensional extent of Retzius lines in human dental enamel. Risnes S. **Scand J Dent Res** 1985 Apr;93(2):145-52

Circumferential continuity of perikymata in human dental enamel investigated by scanning electron microscopy. Risnes S. **Scand J Dent Res** 1985 Jun;93(3):185-91

[New means of prophylaxis and polishing. Ultrastructural analysis of the enamel surface] Scotti R, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):333-8 (Eng. Abstr.) (Ita)

[Histogenetic studies on the teeth of the marble gourami. (Trichogaster trichopterus)] Togo Y. **Kokubyo Gakkai Zasshi** 1984 Sep;51(3):493-535 (Eng. Abstr.) (Jpn)

[Ultrastructural changes in the enamel surface of the incisors in rats with experimental thyrotoxicosis] Kobeleva VI, et al. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):7–10 (Eng. Abstr.) (Rus)

DENTAL ENAMEL HYPOPLASIA

CHEMICALLY INDUCED

Enamel hypoplasia in permanent teeth induced by periodontal ligament anesthesia of primary teeth. Brannstrom M, et al. **J Am Dent Assoc** 1984 Nov;109(5):735–6

COMPLICATIONS

The dental status of children with chronic renal failure. Wolff A, et al. **Int J Pediatr Nephrol** 1985 Apr–Jun;6(2):127–32

[Enamel defects in tuberous sclerosis: hard facts of diagnostic importance] Hoff M, et al. **Tijdschr Kindergeneeskd** 1984 Oct;52(5):175–80 (Eng. Abstr.) (Dut)

ETIOLOGY

Dental involvement in congenital chloride diarrhea. Kerebel LM, et al. **J Oral Pathol** 1984 Dec;13(6):692–702

HISTORY

Deciduous enamel defects in prehistoric Americans from Dickson Mounds: prenatal and postnatal stress. Blakey ML, et al. **Am J Phys Anthropol** 1985 Apr;66(4):371–80

OCCURRENCE

The chronological distribution of enamel hypoplasias from prehistoric Dickson Mounds populations. Goodman AH, et al. **Am J Phys Anthropol** 1984 Nov;65(3):259–66

Incidence of enamel hypoplasia in primary canines. Badger GR. **ASDC J Dent Child** 1985 Jan–Feb;52(1):57–8

The incidence of enamel hypoplasia in the dental office. Ruprecht A, et al. **Can Dent Assoc J** 1984 Dec;50(12):900–2

[Defects in the structure of dental tissue in children in Prague] Rozkovcová E, et al. **Cesk Pediatr** 1985 Aug;40(8):472–3 (Cze)

DENTAL ENAMEL PERMEABILITY see under **TOOTH PERMEABILITY**

DENTAL ENAMEL PROTEINS

ANALYSIS

Aqueous density fractionation of mineralizing tissues: an efficient method applied to the preparation of enamel fractions suitable for crystal and protein studies. Menanteau J, et al. **Calcif Tissue Int** 1984 Dec;36(6):677–81

Extraction of enamel proteins. Moe D, et al. **Scand J Dent Res** 1984 Dec;92(6):503–7

BIOSYNTHESIS

Short-term effects of fluoride on biosynthesis of enamel-matrix proteins and dentine collagens and on mineralization during hamster tooth-germ development in organ culture. Bronckers AL, et al. **Arch Oral Biol** 1985;30(2):181–91

Protein biosynthesis during spiny dogfish (Squalus acanthias) enameloid formation. Graham EE. **Arch Oral Biol** 1984;29(10):821–5

Biosynthesis of tooth germ proteins in vitro: a fast quantitative extraction of amelogenins from intact hamster molar tooth germs. Bronckers AL, et al. **J Biol Buccale** 1984 Sep;12(3):211–23

GENETICS

DNA sequence for cloned cDNA for murine amelogenin reveal the amino acid sequence for enamel-specific protein. Snead ML, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):812–8

ISOLATION & PURIFICATION

Relative molecular mass determination of a major, highest relative molecular mass extracellular amelogenin of developing bovine enamel. Strawich E, et al. **FEBS Lett** 1985 May 20;184(2):188–92

DENTAL ENAMEL SOLUBILITY

Effect of human milk on plaque pH in situ and enamel dissolution in vitro compared with bovine milk, lactose, and sucrose. Rugg-Gunn AJ, et al. **Caries Res** 1985;19(4):327–34

DRUG EFFECTS

Tooth wear, solubility and fluoride concentration of molar-tooth surfaces in rats maintained on simultaneous or separate intake of food and fluoridated drinking water. Markitziu A, et al. **Arch Oral Biol** 1985;30(2):167–9

Dissolution studies of human enamel treated with aluminum solutions. Putt MS, et al. **J Dent Res** 1985 Mar;64(3):437–40

Enamel dissolution and fluoride uptake from sugar solutions. Jerushalmi I, et al. **J Oral Rehabil** 1984 Nov;11(6):555–9

RADIATION EFFECTS

[Increase in acid resistance of hamster enamel by using a normal pulse Nd-YAG laser] Morioka T, et al. **Fukuoka Igaku Zasshi** 1985 Feb;76(2):49–53 (Jpn)

DENTAL EQUIPMENT

The source, frequency and extent of bacterial contamination of dental unit water systems. Fitzgibbon EJ, et al. **Br Dent J** 1984 Aug 11;157(3):98–101

'The source, frequency and extent of bacterial contamination of dental unit water supplies' [letter] Martin MV, et al. **Br Dent J** 1985 Mar 9;158(5):157–8

Polymerization ability of 15 visible light curing generators. Prévost AP, et al. **Can Dent Assoc J** 1985 Mar;51(3):221–5

Acceptance of OMNI-II disinfectant for instruments and equipment. Council on Dental Therapeutics. **J Am Dent Assoc** 1985 Mar;110(3):394

Clinical products in dentistry. A JADA desktop reference. **J Am Dent Assoc** 1984 Nov;109(5):819–64

Visible light-cured composites and activating units. Council on Dental Materials, Instruments, and Equipment. **J Am Dent Assoc** 1985 Jan;110(1):100–2

Dispensing and weighing apparatus for alginate impression material. Carmichael J, et al. **J Dent** 1984 Dec;12(4):348–52

A critique of the Tuccillo-Nielsen wheel method for tarnish testing of dental alloys. Chana MS, et al. **J Dent** 1984 Dec;12(4):314–8

Use of the orthognathic surgery simulating instrument in the presurgical evaluation of facial asymmetry. Ellis E 3d, et al. **J Oral Maxillofac Surg** 1984 Dec;42(12):805–11

An improved method for treatment of facial asymmetry secondary to jaw deformity. Hall HD. **J Oral Maxillofac Surg** 1984 Oct;42(10):673–9

'Byte-ryte', an apparatus for the determination of the preferred vertical dimension of occlusion required for the construction of complete denture prosthesis. van Willigen JD, et al. **J Oral Rehabil** 1985 Jan;12(1):23–5

Improved pantograph clutches fabricated intraorally. Dedmon HW. **J Prosthet Dent** 1985 Mar;53(3):332–4

A study of the acceptability of lateral interocclusal records by the Hanau H-2 articulator. Gaston ML, et al. **J Prosthet Dent** 1985 Feb;53(2):252–6

Modification of Hanau H-2 articulator to accept the earpiece face-bow. Kastner CU. **J Prosthet Dent** 1985 Jan;53(1):138–40

Evaluation of incisal guide calibrations. Mansueto MA, et al. **J Prosthet Dent** 1985 Apr;53(4):490–4

Balancing ramps in nonanatomic complete denture occlusion. Nimmo A, et al. **J Prosthet Dent** 1985 Mar;53(3):431–3

Practical considerations for using the face-bow for complete denture prosthodontics. Zuckerman GR. **J Prosthet Dent** 1985 Feb;53(2):219–21

Dental equipment maintenance in today's modern office. Miner G. **NY State Dent J** 1984 Dec;50(10):665–7

Use of a portable dental X-ray unit in the surgical removal of renal calculi. Remzi D, et al. **Turk J Pediatr** 1984;26(1–4):63–5

[The laser: indications and limits in dentistry: has it found its place in daily practice in 1983? I. The CO2 laser] Ouhayoun M. **Rev Odontostomatol (Paris)** 1984 Jul–Aug;13(4):263–9 (Fre)

[The laser: indications and limits in dentistry: has it found its place in daily practice in 1983? II. Other lasers] Picard B. **Rev Odontostomatol (Paris)** 1984 Jul–Aug;13(4):270–6 (Fre)

[Simplified system of recording the condyle path and immediate lateral movement] Mani G. **Schweiz Monatsschr Zahnmed** 1984 Dec;94(12):1241–8 (Eng. Abstr.) (Fre)

[Terminal joint axis position and instrumental function analysis in orthodonties] Schrems HT, et al. **Fortschr Kieferorthop** 1984 Oct;45(5):373–81 (Eng. Abstr.) (Ger)

[The facial arch from 2 points of reference: anatomical and radiographic, via the anatomofunctional stomatognathic analyzer] Modica R, et al. **Minerva Stomatol** 1985 Jan–Feb;34(1):27–30 (Eng. Abstr.) (Ita)

[Laser radiation in medical therapy. With special reference to dentistry] Re F, et al. **Minerva Stomatol** 1985 Jan–Feb;34(1):145–6 (Eng. Abstr.) (Ita)

[Illumination technics in dentistry. Suggestions and prospects. Comments on the use of fiber optics] Re G, et al. **Minerva Stomatol** 1984 Sep–Oct;33(5):857–9 (Eng. Abstr.) (Ita)

[Requirement of a modern illumination system for dental studies] Re G, et al. **Minerva Stomatol** 1984 Sep–Oct;33(5):853–5 (Eng. Abstr.) (Ita)

ECONOMICS

A guide to the dental equipment marketplace. **J Am Dent Assoc** 1985 Jun;110(6):881–890

Dental supplies and equipment price indexes: update to 1984. Bureau of Economic and Behavioral Research. Loewy S. **J Am Dent Assoc** 1985 Feb;110(2):239–40

HISTORY

Fifty years of dentistry—dental techniques—dental equipment. Rosen LJ. **Can Dent Assoc J** 1985 Jan;51(1):59–61

STANDARDS

Geometric study of incisal guide pin opening. Kaiser DA, et al. **J Prosthet Dent** 1985 Apr;53(4):495

Accuracy of an earpiece face-bow. Palik JF, et al. **J Prosthet Dent** 1985 Jun;53(6):800–4

Analysis of the lateral condylar adjustment of nonarcon semiadjustable articulators. Taylor TD, et al. **J Prosthet Dent** 1985 Jul;54(1):140–3

DENTAL FACILITIES

Inspecting a building. McEwan D. **Can Dent Assoc J** 1984 Dec;50(12):893–4

[Prevention of infection in an ambulatory dental service. Considerations on appropriate technics of sterilization and disinfection] Debernardi C, et al. **Minerva Stomatol** 1984 Nov–Dec;33(6):915–7 (Ita)

DENTAL FILLINGS, PERMANENT see **DENTAL RESTORATION, PERMANENT**

DENTAL FILLINGS, TEMPORARY see **DENTAL RESTORATION, TEMPORARY**

DENTAL FISTULA

DIAGNOSIS

[Infected tooth presenting with sinus of the chin] Dvir E, et al. **Harefuah** 1985 Jan 1;108(1):19 (Eng. Abstr.) (Heb)

SURGERY

Extraoral sinus and its management. A clinical study. Sharma JK, et al. **Int J Oral Surg** 1985 Aug;14(4):346–9

DENTAL FOCAL INFECTION see **FOCAL INFECTION, DENTAL**

DENTAL GRANULOMA see **PERIAPICAL GRANULOMA**

DENTAL HEALTH SERVICES

A directory of dental services for the disabled. Brown JP, et al. **Aust Dent J** 1984 Aug;29(4):238–41

Elective in Bombay and New Delhi. A look at the community health service. Gallop PD, et al. **Br Dent J** 1984 Nov 10;157(9):328–9

Distributive effects of dental programs for old-age pensioners in Norway. Rise J. **Community Dent Oral Epidemiol** 1985 Feb;13(1):14–8

Orthodontic treatment-service studied retrospectively in a group of Danish children aged 15–16 years. Rölling S. **Community Dent Oral Epidemiol** 1984 Dec;12(6):355–7

Dentistry and the workplace. Proceedings of a conference, July 29, 1983, Melbourne, Australia. **Community Health Stud** 1985;9(1 Suppl):1s–38s

A dental emergency service in a rural area. Wild JR. **Health Bull (Edinb)** 1984 Sep;42(5):268–70

The development of a preventive dental clinic. Schattner EL, et al. **J Am Coll Health** 1985 Feb;33(4):163–4

Grenada 1984: health care 3 months after the US intervention. Flanders RA. **J Am Dent Assoc** 1984 Dec;109(6):939–41

Advertising blues [letter] Roberts TW, et al. **J Am Dent Assoc** 1984 Sep;109(3):398

Domiciliary dental care for handicapped elderly people. Steele L. **J Dent** 1984 Dec;12(4):328–33

Oral health status in the United States: will improved health lead to decreased demand for dental services? Davies AR, et al. **J Dent Educ** 1985 Jun;49(6):427–33

Implications of recent dental health services research on the future of operative dentistry. Elderton RJ. **J Public Health Dent** 1985 Spring;45(2):101–5

Clinical opportunities in dentistry for the elderly and other underserved groups. Garverick CM. **NY State Dent J** 1985 Jan;51(1):39–40

Survey of dental services in nursing homes in western New York State. Saunders RH, et al. **NY State Dent J** 1985 Jan;51(1):33–4, 36–7

Reflective listening as a marketing force. Smith DB. **NZ Dent J** 1984 Jul;80(361):81–3

Dental health and perceived treatment needs of Finnish immigrants in Sweden. Widström E, et al. **Scand J Soc Med** 1984;12(3):129–36

Utilization of health personnel in dental health activities in Nigeria. Osuhor A. **Trop Doct** 1985 Jul;15(3):135–8

[Role, problems and perspectives of anesthesiology at the Department of Oral Surgery] Fülöp E. **Fogorv Sz** 1984 Dec;77(12):377–8 (Hun)

ECONOMICS

Need and decision making in dentistry—an economic perspective. Yule BF. **Int Dent J** 1984 Sep;34(3):219–23

Federal financing of dental services. Albertini TF, et al. **J Dent Educ** 1984 Nov;48(11):606–16

HISTORY

Diagnosis and treatment of dental caries: the clinicians dilemma. Introduction. Fox B. **J R Soc Med** 1985;78 Suppl 7:1–2

ORGANIZATION & ADMINISTRATION

A proposal for an Australian dental occupational health system. Crowe BL. **Community Health Stud** 1985;9(1 Suppl):25S–31S

A national survey of dental public health services in local health departments: a report of findings. Evans CA Jr. **J Public Health Dent** 1984 Summer;44(3):112–9

A community-based dental program for older adults. Lang WP, et al. **J Public Health Dent** 1984 Fall;44(4):141–6

[Analysis of dental health services at selected large industrial plants] Jańczuk Z, et al. **Med Pr** 1984;35(6):457–63 (Eng. Abstr.) (Pol)

STANDARDS

Dental research at the National Bureau of Standards: how it changed the practice of dental health service. Paffenbarger GC, et al. **J Am Dent Assoc** 1985 Jul;111(1):83–9

Development and validation of a measure of dental patient satisfaction. Chapko MK, et al. **Med Care** 1985 Jan;23(1):39–49

SUPPLY & DISTRIBUTION

The supply and utilization of dental services. Groenewegen PP, et al. **Soc Sci Med** 1984;19(4):451–9

TRENDS

Changing pattern of dental treatment in the CDS in Somerset, 1975–1983. Community dental service. Palmer JD. **Br Dent J** 1984 Oct 6;157(7):243–4

Market and community responses to changing demands from the workplace. Cohen LK. **Community Health Stud** 1985;9(1 Suppl):18S–24S

Retail store dentistry in the United States, 1984. Council on Dental Practice. **J Am Dent Assoc** 1984 Oct;109(4):619–21

UTILIZATION

Dental visiting patterns of Finns and Swedes in Sweden, 1976–1980. Widström E. **Acta Odontol Scand** 1984 Oct;42(5):305–12

Fluoride tablets and dental health. Smyth JS. **Aust Dent J** 1984 Oct;29(5):296–9

The relationship between change of dentist and treatment received in the General Dental Service. Davies JA. **Br Dent J** 1984 Nov 10;157(9):322–4

Dental health and ethnicity. Plamping D, et al. **Br Dent J** 1985 Apr 6;158(7):261–3

Can retail dentistry help? Roberts SK. **Can Dent Assoc J** 1984 Aug;50(8):606–8

Immigrants and a public oral health care service for children in Denmark. Heidmann J, et al. **Community Dent Oral Epidemiol** 1985 Jun;13(3):125–7

Prosthetic needs and demands for services of a group of elderly people in Israel. Mersel A, et al. **Community Dent Oral Epidemiol** 1984 Oct;12(5):315–8

Epidemiologic study of dental emergencies among utilizers in an insured population in Washington, USA. Ngim CH, et al. **Community Dent Oral Epidemiol** 1984 Oct;12(5):337–42

Evaluation of social inequality of use of dental services in Norway. Rise J. **Community Dent Oral Epidemiol** 1985 Apr;13(2):57–60

Unions, employers and health services. Hicks N. **Community Health Stud** 1985;9(1 Suppl):5S–10S

[The state of the oral cavity and the need for treatment of the inhabitants of Khabarovsk Territory] Evstigneeva IL. **Stomatologiia (Mosk)** 1985 Mar–Apr;64(2):70–1 (Rus)

DENTAL HEALTH SURVEYS

Dental survey of nursing home residents in South Australia. Walker BN. **Aust Dent J** 1984 Oct;29(5):305–7

Tooth occlusion in school children. British Columbia Children's Dental Health Survey 1980. Gray AS, et al. **Can Dent Assoc J** 1984 Oct;50(10):767–71

A dental health survey of British Columbia children. Hann HJ, et al. **Can Dent Assoc J** 1984 Oct;50(10):754–9

Opinion study comparing attitudes about dental health. O'Neill HW. **J Am Dent Assoc** 1984 Dec;109(6):910–5

[Incidence and causes—of dental caries in young children—results of a survey in German-speaking Switzerland] Menghini GD, et al. **Schweiz Monatsschr Zahnmed** 1985 Feb;95(2):124–39 (Eng. Abstr.) (Ger)

[Interpersonal reliability of plaque index methods] Schneider HG, et al. **Z Arztl Fortbild (Jena)** 1985;79(5):209–11 (Ger)

[Prosthetic stomatologic care of citizens 60 years and older in the Stralsund-Land district, based on a representative sample in 1979] Schwebke B, et al. **ZFA** 1984 Sep–Oct;39(5):263–9 (Eng. Abstr.) (Ger)

[Comparative data on dental caries in school children of Baja and Nagybaracska (1948–1983)] Hanzély B, et al. **Fogorv Sz** 1985 Aug;78(8):245–50 (Eng. Abstr.) (Hun)

[Epidemiological profile of dental caries in Alcalá de Henares] Barberis Leache E, et al. **An Esp Pediatr** 1984 Oct 31;21(6):573–7 (Eng. Abstr.) (Spa)

DENTAL HIGH SPEED EQUIPMENT

Contamination of dental unit cooling water with oral microorganisms and its prevention. Bagga BS, et al. **J Am Dent Assoc** 1984 Nov;109(5):712–6

Evaluation of the effect on root surfaces of air turbine scalers and ultrasonic instrumentation. Lie T, et al. **J Periodontol** 1985 Sep;56(9):522–31

Dental drill noise and hearing conservation. Sheldon N, et al. **NY State Dent J** 1984 Nov;50(9):557, 560–1

DENTAL HYGIENISTS

Moral reasoning in dental hygiene students. Newell KJ, et al. **J Dent Educ** 1985 Feb;49(2):79–84

Role of the dental hygienist in the prosthodontic practice. Jones JD, et al. **J Prosthet Dent** 1984 Dec;52(6):885–8

Prevalence of nontraditional dental hygiene practice. Cohen L, et al. **J Public Health Dent** 1984 Summer;44(3):106–11

Impact on dental hygiene. Fales MH. **J Public Health Dent** 1985 Summer;45(3):126–9

Can dental hygienists affect the periodontal health of the nation? The dental hygienist: A primary care provider. Odrich J. **J Public Health Dent** 1985 Spring;45(2):64–9

Can dental hygienists affect the periodontal health of the nation? An assessment of the future of dental hygiene. Pattison AM. **J Public Health Dent** 1985 Spring;45(2):69–74

Can dental hygienists affect the periodontal health of the nation? Trends and potentials for dental hygiene. Walsh MM. **J Public Health Dent** 1985 Spring;45(2):60–4

An outbreak of herpes simplex virus type I gingivostomatitis in a dental hygiene practice. Manzella JP, et al. **JAMA** 1984 Oct 19;252(15):2019–22

EDUCATION

Registered dental hygienists as dental students. Arnold J, et al. **J Dent Educ** 1985 May;49(5):295–9

Educational preparation of hygienists working with special populations in nontraditional settings. Cohen L, et al. **J Dent Educ** 1985 Aug;49(8):592–5

Current availability of patients in dental hygiene programs. Cross GN, et al. **J Dent Educ** 1985 Aug;49(8):570–2

A model for two-year and baccalaureate clinical dental hygiene education. Gluch-Scranton J, et al. **J Dent Educ** 1985 Feb;49(2):95–9

Maintenance of an adequate dental hygiene education system. Ley E, et al. **J Dent Educ** 1984 Oct;48(10):556–9

The inquiry approach in dental hygiene education. Scott RL, et al. **J Dent Educ** 1985 May;49(5):286–94

Effect of surgical gloves on preclinical scaling skills. Uldricks JM, et al. **J Dent Educ** 1985 May;49(5):316–7

Baccalaureate dental hygiene education: creating a reality. Wayman DE. **J Dent Educ** 1985 Mar;49(3):136–8

Dental radiology instructors in United States dental hygiene programs. Farman AG, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):335–40

Radiology requirements in United States dental hygiene programs. Farman AG, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):341–5

UTILIZATION

Delegation of expanded functions to dental assistants and hygienists. Chapko MK, et al. **Am J Public Health** 1985 Jan;75(1):61–5

The hygienist issue: do dental practitioners want them in New Zealand? Pack AR. **NZ Dent J** 1984 Oct;80(362):127–30

DENTAL IMPLANTATION

Histologic and microradiographic evaluation of textured and nontextured aluminum oxide dental implants. Cook SD, et al. **Biomater Med Devices Artif Organs** 1983–84;11(4):259–69

Reaction of surrounding gingiva to permucosal implants of dense hydroxyapatite in dogs. Kurashina K, et al. **Biomaterials** 1984 Jul;5(4):215–20

Cell affinity of pyrolytic carbon. The effect exerted on the growth and colony-forming ability of cell lines: L1210, Sq79 and L181. Takada N, et al. **J Nihon Univ Sch Dent** 1985 Mar;27(1):35–45

In vitro response of bone-derived cells and tissues to the fine Rahmen surface layer of a carbon implant. Yanagisawa S, et al. **J Nihon Univ Sch Dent** 1985 Mar;27(1):46–54

Repair of anterior gingival deformity with durapatite. A case report. Greenstein G, et al. **J Periodontol** 1985 Apr;56(4):200–3

Ultrastructural study of the attachment of human gingiva to titanium in vivo. Gould TR, et al. **J Prosthet Dent** 1984 Sep;52(3):418–20

An imperative context for recognition of oral implantology as a dental specialty. Judy KW, et al. **NY J Dent** 1985 Jan;55(1):33–5

Formal education: key to implantology's future. Rosen J. **NY J Dent** 1984 Dec;54(8):389–90

[New procedure for processing bioactive glass ceramics for dental implants] Müller L, et al. **Zahn Mund Kieferheilkd** 1984;72(5):431–5 (Eng. Abstr.) (Ger)

METHODS

The unilateral pterygohamular subperiosteal implant: evolution of a technique. Cranin AN, et al. **J Am Dent Assoc** 1985 Apr;110(4):496–500

Flap technique for periodontal bone implants. Papilla preservation technique. Takei HH, et al. **J Periodontol** 1985 Apr;56(4):204–10

DENTAL IMPLANTATION, ENDOSSEOUS

Long-term effects on chewing with mandibular fixed prostheses on osseointegrated implants. Lindquist LW, et al. **Acta Odontol Scand** 1985 Mar;43(1):39–45

The shear strength between bone and porous ceramic root implants in the guinea pig incisor socket. Atkinson PJ, et al. **Biomaterials** 1985 Mar;6(2):75–81

Preservation of the alveolar ridge with hydroxylapatite tooth root substitutes. Quinn JH, et al. **J Am Dent Assoc** 1985 Feb;110(2):189–93

In vivo forces on dental implants: hard-wiring and telemetry methods. Brunski JB, et al. **J Biomech** 1984;17(11):855–60

Nonvertical loaded minimal stress attachment with the mandibular staple implant. Hadeed GJ, et al. **J Prosthet Dent** 1985 Jun;53(6):824–7

Clip attachment for the mandibular staple implant. Hurtado AJ, et al. **J Prosthet Dent** 1984 Nov;52(5):715–7

Changes in chewing patterns of patients with complete dentures after placement of osseointegrated implants in the mandible. Jemt T, et al. **J Prosthet Dent** 1985 Apr;53(4):578–83

The biomaterial-tissue interface: a morphological study utilizing conventional and alternative ultrastructural modalities. Steflik DE, et al. **Scan Electron Microsc** 1984;(Pt 2):547–55

Scanning electron microscopy of plasma etched implant specimens. Steflik DE, et al. **Stain Technol** 1984 Mar;59(2):71–7

[Anterior tooth loss in juvenile dentition: therapeutic possibilities via implants] Scholz F, et al. **Dtsch Zahnarztl Z** 1984 Jun;39(6):416–24 (Eng. Abstr.) (Ger)

[Endosseous implants—an alternative to conventional preprosthetic surgery?] Schilli W, et al. **Schweiz Monatsschr Zahnmed** 1984 Aug;94(8):688–94 (Eng. Abstr.) (Ger)

[Scintigraphic control study after endosseous implantation of sintered bio-vitroceramic] Schubert R, et al. **Zahn Mund Kieferheilkd** 1984;72(7):679–83 (Eng. Abstr.) (Ger)

[Histological investigation on the osseous retention of apatite ceramics implant] Ishida K. **Kokubyo Gakkai Zasshi** 1984 Jun;51(2):333–71 (Eng. Abstr.) (Jpn)

[Histological investigation of apatite ceramics used as immediate endosseous implant] Shiota M. **Kokubyo Gakkai Zasshi** 1984 Jun;51(2):407–46 (Eng. Abstr.) (Jpn)

ADVERSE EFFECTS

[Periodontal aspects of endosseous implants] Fallschüssel GK. **Dtsch Zahnarztl Z** 1984 Jul;39(7):544–53 (Eng. Abstr.) (Ger)

INSTRUMENTATION

Endosseus titanium implants in extraction sockets. An experimental study in monkeys. Anneroth G, et al. **Int J Oral Surg** 1985 Feb;14(1):50–4

Porous ceramic materials as immediate root implants. Atkinson PJ, et al. **J Dent** 1984 Sep;12(3):189–202

Modifications of the superstructure for the staple implant. Guerra LR, et al. **J Prosthet Dent** 1984 Dec;52(6):858–61

[Current experience with the ITI double hollow cylinder implant type K. Internationales Team für orale Implantologie] Schroeder A, et al. **Schweiz Monatsschr Zahnmed** 1984 Jun;94(6):503–10 (Eng. Abstr.) (Ger)

METHODS

A technical note on placement of the mandibular staple bone plate. Heffez L. **J Oral Maxillofac Surg** 1985 Mar;43(3):225–6

Technique for fabrication of the mandibular denture over the staple bone implant using a permanent heat-cured base. Goll GE, et al. **J Prosthet Dent** 1985 Jun;53(6):820–4

Tissue integrated prostheses—new hope for the compromised denture patient. Sullivan DY. **NY J Dent** 1985 Jan;55(1):7–13

[Ankylotic anchorage of implants] Steinemann SG, et al. **Schweiz Monatsschr Zahnmed** 1984 Aug;94(8):682–7 (Eng. Abstr.) (Ger)

STANDARDS

[Bioceramics as a material for oral endosseous implants] Vajdovich I, et al. **Fogorv Sz** 1985 Aug;78(8):225–33 (Eng. Abstr.) (Hun)

DENTAL IMPLANTATION, ENDOSSEOUS, ENDODONTIC

INSTRUMENTATION

[The ITI (Internationales Team für Implantologie) type H hollow cylinder implant] Sutter F, et al. **Schweiz Monatsschr Zahnmed** 1984 Aug;94(8):673–81 (Eng. Abstr.) (Ger)

DENTAL IMPRESSION MATERIALS

see related
SILICONE ELASTOMERS

Tear and rupture of elastomeric dental impression materials. Cook WD, et al. **Biomaterials** 1984 Sep;5(5):275–80

Stability of some soluble alginate solutions. Polyzois GL, et al. **Biomaterials** 1985 Jan;6(1):68–9

Evaluation of an automatic mixing system for an addition silicone impression material. Craig RG. **J Am Dent Assoc** 1985 Feb;110(2):213–5

Dispensing and weighing apparatus for alginate impression material. Carmichael J, et al. **J Dent** 1984 Dec;12(4):348–52

Production of test blocks duplicated by electroforming for detail reproduction of impressions made with impression materials. Nishiyama M, et al. **J Nihon Univ Sch Dent** 1984 Sep;26(3):211–37

Dimensional accuracy of epoxy resins and their compatibility with impression materials. Aiach D, et al. **J Prosthet Dent** 1984 Oct;52(4):500–4

Clinical evaluation of polyvinylsiloxane for complete denture impressions. Appelbaum EM, et al. **J Prosthet Dent** 1984 Oct;52(4):537–9

New irreversible hydrocolloid silicone impression material. Eames WB, et al. **J Prosthet Dent** 1984 Oct;52(4):479–84

Comparison of the dimensional accuracy of a combined reversible/irreversible hydrocolloid impression system with other commonly used impression materials. Herring HW, et al. **J Prosthet Dent** 1984 Dec;52(6):795–9

Accuracy of four types of rubber impression materials compared with time of pour and a repeat pour of models. Johnson GH, et al. **J Prosthet Dent** 1985 Apr;53(4):484–90

One-step border molding. Kirk GA, et al. **J Prosthet Dent** 1985 Apr;53(4):598–9

Preliminary investigation of a method for disinfection of dental impressions. Merchant VA, et al. **J Prosthet Dent** 1984 Dec;52(6):877–9

Reproducibility of dispensing one brand of irreversible hydrocolloid powder by seven methods. Moor TL. **J Prosthet Dent** 1985 Jul;54(1):144–5

Relationship of syringe-tip diameter to voids in elastomer impressions. Stackhouse JA Jr. **J Prosthet Dent** 1985 Jun;53(6):812–5

Dimensional stability of elastomeric impression materials in custom-made and stock trays. Valderhaug J, et al. **J Prosthet Dent** 1984 Oct;52(4):514–7

Compatibility of reversible hydrocolloid duplicating materials and dental stones. Williams EO, et al. **J Prosthet Dent** 1984 Nov;52(5):699–703

[Choice of a basic technic for impressions with fixed prostheses] Delmoitié L. **Rev Belge Med Dent** 1985 Mar–Apr;40(2):60–4 (Eng. Abstr.) (Fre)

ADVERSE EFFECTS

An experimental comparison of vertical tooth movement of 33 degrees and 0 degree teeth after denture processing procedures. Carr L, et al. **J Oral Rehabil** 1985 May;12(3):263–78

ANALYSIS

[Results of comparative physical tests on lead-containing, lead-free and dust-free alginate impression materials] Jordan T, et al. **Zahn Mund Kieferheilkd** 1985;73(1):25–34 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

Surface texture of stone model setting against elastomer impression materials. Nanami T, et al. **Swed Dent J** 1984;8(5):251–3

DENTAL IMPRESSION TECHNIC

Comparison of dental crown height in bite impressions. Kane JF, et al. **ASDC J Dent Child** 1985 Jul–Aug;52(4):297–9

An intrapost-core design for supragingival crown margin placement. Darveniza M. **Aust Dent J** 1984 Dec;29(6):378–83

Impression procedures for semiprecision removable partial dentures. Miglino JC. **Dent Clin North Am** 1985 Jan;29(1):133–48

Wax base development for complete denture impressions. Appelbaum EM, et al. **J Prosthet Dent** 1985 May;53(5):663–7

Methods taught in dental schools for determining the posterior palatal seal region. Chen MS, et al. **J Prosthet Dent** 1985 Mar;53(3):380–3

Laminated single impression technique for cast posts and cores. Chiche GJ, et al. **J Prosthet Dent** 1985 Mar;53(3):325–8

Improved pantograph clutches fabricated intraorally. Dedmon HW. **J Prosthet Dent** 1985 Mar;53(3):332–4

Biometric comparison of bur and electrosurgical retraction methods. DeVitre R, et al. **J Prosthet Dent** 1985 Feb;53(2):179–82

Impression technique for construction of a crown or fixed partial denture. Hill GM. **J Prosthet Dent** 1985 Jan;53(1):127–8

A simplified alternative to the altered-cast impression technique for removable partial dentures. James JS. **J Prosthet Dent** 1985 Apr;53(4):598

Accuracy of four types of rubber impression materials compared with time of pour and a repeat pour of models. Johnson GH, et al. **J Prosthet Dent** 1985 Apr;53(4):484–90

Method for avoiding margin display on esthetic crowns. Jones DA. **J Prosthet Dent** 1985 Apr;53(4):599

An alternative approach to conventional border molding. Jones JD, et al. **J Prosthet Dent** 1985 May;53(5):745–6

Gingival tissue response to rotary curettage. Kamansky FW, et al. **J Prosthet Dent** 1984 Sep;52(3):380–3

Effect of irreversible hydrocolloid impressions on surface hardness of dental stone. Khan Z, et al. **J Prosthet Dent** 1984 Sep;52(3):435–7

Effect of complete denture impression technique on the oral mucosa. el-Khodary NM, et al. **J Prosthet Dent** 1985 Apr;53(4):543–9

One-step border molding. Kirk GA, et al. **J Prosthet Dent** 1985 Apr;53(4):598–9

Management of the mucolabial fold when developing impressions for complete dentures. McArthur DR. **J Prosthet Dent** 1985 Jan;53(1):62–7

Reproducibility of dispensing one brand of irreversible hydrocolloid powder by seven methods. Moor TL. **J Prosthet Dent** 1985 Jul;54(1):144–5

Preclinical teaching technique for making master impressions. Muncheryan A, et al. **J Prosthet Dent** 1984 Sep;52(3):432–5

Boxing impressions with irreversible hydrocolloid. Stipho HD. **J Prosthet Dent** 1985 May;53(5):740–1

[Choice of a basic technic for impressions with fixed prostheses] Delmoitié L. **Rev Belge Med Dent** 1985 Mar–Apr;40(2):60–4 (Eng. Abstr.) (Fre)

[Use of dental impression technic in the construction of individual tooth protectors and their significance in the prevention of sports injuries] Simon G, et al. **Fogorv Sz** 1985 Jan;78(1):1–4 (Hun)

INSTRUMENTATION

Cotton pellets and gingival retraction cords. Clinical notes No. 2. Tyas M. **Aust Dent J** 1984 Aug;29(4):279

Production of test blocks duplicated by electroforming for detail reproduction of impressions made with impression materials. Nishiyama M, et al. **J Nihon Univ Sch Dent** 1984 Sep;26(3):211–37

Thermoplastic custom trays for making regional facial impressions. Aquilino SA, et al. **J Prosthet Dent** 1985 May;53(5):686–8

Technique for fabricating custom trays. Christensen LC. **J Prosthet Dent** 1985 Feb;53(2):291

Review and survey of medicaments used with gingival retraction cords. Donovan TE, et al. **J Prosthet Dent** 1985 Apr;53(4):525–31

Finger rests in prosthodontics. Kastner CU. **J Prosthet Dent** 1985 Feb;53(2):290

Final impression trays from existing dentures. Kirk GA, et al. **J Prosthet Dent** 1985 Mar;53(3):443

Mixing bubble-free smooth alginate. Kotwal KR. **J Prosthet Dent** 1984 Dec;52(6):902

Preliminary investigation of a method for disinfection of dental impressions. Merchant VA, et al. **J Prosthet Dent** 1984 Dec;52(6):877–9

Relationship of syringe-tip diameter to voids in elastomer impressions. Stackhouse JA Jr. **J Prosthet Dent** 1985 Jun;53(6):812–5

Dimensional stability of elastomeric impression materials in custom-made and stock trays. Valderhaug J, et al. **J Prosthet Dent** 1984 Oct;52(4):514–7

Technique for making flexible impression trays for the microstomic patient. Whitsitt JA, et al. **J Prosthet Dent** 1984 Oct;52(4):608–9

Accuracy of stone casts produced by perforated trays and nonperforated trays. Woodward JD, et al. **J Prosthet Dent** 1985 Mar;53(3):347–50

Plasma catecholamine and hemodynamic responses to the placement of epinephrine-impregnated gingival retraction cord. Hatch CL, et al. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):540–4

STANDARDS

Bonding properties and dimensional stability of hydrocolloid impression systems in fixed prosthodontics. Dahl BL, et al. **J Prosthet Dent** 1985 Jun;53(6):796–800

DENTAL INLAYS see INLAYS

DENTAL INSTRUMENTS

Dental mirror for goniosynechialysis during penetrating keratoplasty. Weiss JS, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):331–2

A comparative evaluation of dental aspirator cleansing and disinfectant solutions. Gorman SP, et al. **Br Dent J** 1985 Jan 5;158(1):13–6

The boiling of instruments in general dental practice: a misnomer for sterilisation. Martin MV, et al. **Br Dent J** 1985 Jul 6;159(1):18–20

The sterilisation of dental handpieces: an account of a trial. Shovelton DS, et al. **Br Dent J** 1984 Nov 10;157(9):325–7

Acceptance of OMNI-II disinfectant for instruments and equipment. Council on Dental Therapeutics. **J Am Dent Assoc** 1985 Mar;110(3):394

Clinical products in dentistry. A JADA desktop reference. **J Am Dent Assoc** 1984 Nov;109(5):819–64

Effects of suctioning devices on oral fluoride retention. LeCompte EJ, et al. **J Am Dent Assoc** 1985 Mar;110(3):357–60

Comparative study of deflection characteristics and fragility of 25-, 27-, and 30-gauge short dental needles. Robison SF, et al. **J Am Dent Assoc** 1984 Dec;109(6):920–4

Microwave sterilization. Rohrer MD, et al. **J Am Dent Assoc** 1985 Feb;110(2):194–8

Survival of herpes simplex virus on dental handpieces. Mintz GA, et al. **J Oral Med** 1985 Jul–Sep;40(3):158–9

Guiding sleeve tilt angle in paralleling instruments. Möllersten L. **J Oral Rehabil** 1984 Sep;11(5):441–53

An instrument to facilitate the placement of interarch elastics. Cain JR. **J Prosthet Dent** 1985 Jan;53(1):143

Mercury vapor produced during sterilization of amalgam-contaminated instruments. Cooley RL, et al. **J Prosthet Dent** 1985 Mar;53(3):304–8

Photocclusion technique for simultaneous qualitative and quantitative occlusal contact registration. Fitzig S, et al. **J Prosthet Dent** 1985 Mar;53(3):413–4

Vibrating spatula for plaster. Pontual MA. **J Prosthet Dent** 1985 Jan;53(1):144

Thickness and marking characteristics of occlusal registration strips. Schelb E, et al. **J Prosthet Dent** 1985 Jul;54(1):122–6

Dental equipment maintenance in today's modern office. Miner G. **NY State Dent J** 1984 Dec;50(10):665–7

The influence of file size, cleaning, and time on effectiveness of bead sterilizers. Fahid A, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):443–5

[Disinfection of hand-pieces by oil baths in preventing hepatitis B and its application] Cao ZH. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Jan;20(1):49–51 (Chi)

[Effect of several methods of sterilizing dental instruments on the elimination of HBsAg] Liu BZ. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Sep;19(3):168–70 (Chi)

[Swallowed tooth root file] Gelineck J. **Ugeskr Laeger** 1984 Jul 16;146(29):2162–3 (Eng. Abstr.) (Dan)

ADVERSE EFFECTS

Non A-non B hepatitis in a dialysis population: spread by dental surgery? [letter] Vagelli G, et al. **Clin Nephrol** 1984 Nov;22(5):268

ECONOMICS

Dental supplies and equipment price indexes: update to 1984. Bureau of Economic and Behavioral Research. Loewy S. **J Am Dent Assoc** 1985 Feb;110(2):239–40

HISTORY

A set of silver dental instruments from the New Milton Collection. Longfield-Jones GM. **Med Hist** 1984 Jan;28(1):42–8

DENTAL LEAKAGE

DIAGNOSIS

In vitro assessment of marginal leakage of sealants placed in permanent molars with different etching times. Fuks AB, et al. **ASDC J Dent Child** 1984 Nov–Dec;51(6):425–7

Base-varnish interactions around amalgam restorations: spectrophotometric and microscopic assessment of leakage. Silva M, et al. **Aust Dent J** 198 Apr;30(2):89–95

Quantified marginal leakage of composites in vitro. Arends J, et al. **J Oral Rehabil** 1985 May;12(3):229–34

Comparison of four thermocycling techniques. Crim GA, et al. **J Prosthet Dent** 1985 Jan;53(1):50–3

ETIOLOGY

Adaptation and microleakage of composite resin restorations. Martin FE, et al. **Aust Dent J** 1984 Dec;29(6):362–70

Marginal leakage of several acid-etch composite resin restorative systems. Amsberry W, et al. **J Prosthet Dent** 1984 Nov;52(5):647–53

Microleakage of conventional and high-copper amalgam restorations. Gottlieb EW, et al. **J Prosthet Dent** 1985 Mar;53(3):355–61

An optimal concentration of phosphoric acid as an etching agent. Part II: Microleakage studies. Gross JD, et al. **J Prosthet Dent** 1984 Dec;52(6):786–9

Microleakage of microfilled composite resin restorations with different cavosurface designs. Hembree JH Jr. **J Prosthet Dent** 1984 Nov;52(5):653–6

Marginal leakage of visible light-cured composite resin restorations. Hembree JH Jr, et al. **J Prosthet Dent** 1984 Dec;52(6):790–3

Microleakage of composite resin restorations with cementum margins. Phair CB, et al. **J Prosthet Dent** 1985 Mar;53(3):361–4

PREVENTION & CONTROL

Inhibition of marginal leakage with a dentin bonding agent. Dumsha T, et al. **J Dent Res** 1984 Oct;63(10):1255-7

DENTAL MATERIALS

see related
BONDING, DENTAL

In defence of dental materials. van Noort R. **Br Dent J** 1985 May 25;158(10):358-60

Experimental secondary caries around restorations in roots. Derand T, et al. **Caries Res** 1984;18(6):548-54

Clinical products in dentistry. A JADA desktop reference. **J Am Dent Assoc** 1984 Nov;109(5):819-64

Dental supplies and equipment price indexes: update to 1984. Bureau of Economic and Behavioral Research. Loewy S. **J Am Dent Assoc** 1985 Feb;110(2):239-40

Dental materials: 1982 literature review. Part 1. Combe EC, et al. **J Dent** 1985 Mar;13(1):1-40 (267 ref.)

Ultrastructural study of epithelial cell attachment to implant materials. Jansen JA, et al. **J Dent Res** 1985 Jun;64(6):891-6

Effect of chlorhexidine gluconate on the adherence of Candida species to denture acrylic. McCourtie J, et al. **J Med Microbiol** 1985 Aug;20(1):97-104

Properties of interocclusal registration materials. Lassila V, et al. **J Prosthet Dent** 1985 Jan;53(1):100-4

Intermediate restorative material: a clean and simple mixing technique with predictable results. Marchant WE. **J Prosthet Dent** 1984 Nov;52(5):764

Custom-made denture teeth and denture base material for removable partial dentures. Schulter CW. **J Prosthet Dent** 1985 Feb;53(2):271-6

[Steel-isosite bridges—a semipermanent temporary appliance in periodontics?] Rüeger K. **Schweiz Monatsschr Zahnmed** 1985 Apr;95(4):353-63 (Eng. Abstr.) (Ger)

[Calculation of the expenditure of precious metal in fabricating a dental prosthesis] Gusev IuP. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):51-3 (Eng. Abstr.) (Rus)

[The effect of the degree of processing of denture materials used in the construction of fixed dentures on gingival health] Teodosijević M, et al. **Vojnosanit Pregl** 1985 Mar-Apr;42(2):111-4 (Eng. Abstr.) (Ser)

ADVERSE EFFECTS

Pneumoconiosis and exposures of dental laboratory technicians. Rom WN, et al. **Am J Public Health** 1984 Nov;74(11):1252-7

Contact stomatitis and dermatitis to nickel and palladium. van Loon LA, et al. **Contact Dermatitis** 1984 Nov;11(5):294-7

[What filling materials are justifiable in the gingival area?] Riethe P. **Dtsch Zahnarztl Z** 1984 Aug;39(8):589-98 (Eng. Abstr.) (Ger)

[Anatomico-clinical aspects of osteitis induced by the use of arsenicals in dentistry] Calura G, et al. **Minerva Stomatol** 1984 Sep-Oct;33(5):773-7 (Eng. Abstr.) (Ita)

ANALYSIS

A study for discoloration of esthetic restorative materials. (1). Elementary analyses of the materials. Sugawara A. **J Nihon Univ Sch Dent** 1985 Mar;27(1):13-9

Unexpected inorganic elements in oral lesions: results of X-ray energy spectroscopy (XES) on particulate matter in paraffin sections. Levison DA, et al. **J Pathol** 1984 Oct;144(2):119-29

DIAGNOSTIC USE

[Evaluation of pressure indicators for the adjustment of the metallic framework] Pezzoli M, et al. **Minerva Stomatol** 1984 Sep-Oct;33(5):849-52 (Eng. Abstr.) (Ita)

PHARMACODYNAMICS

Abrasion of acrylic veneers by simulated toothbrushing. Xu HC, et al. **Acta Odontol Scand** 1984 Dec;42(6):367-70

Pulpal response to a calcium hydroxide material for capping exposures. Ford TR. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):194-7

[New use of bonding in crown and bridge prosthesis: inlays-onlays and jacket crowns of composite resins] Touati B, et al. **Rev Odontostomatol (Paris)** 1984 May-Jun;13(3):171-80 (Fre)

[Experimental studies of the antimicrobial effectiveness of different cavity lining materials] Bössmann K, et al. **Dtsch Zahnarztl Z** 1984 Sep;39(9):725-31 (Ger)

[Composite fillings—the 1 X 1 of finishing] Krejci I, et al. **Schweiz Monatsschr Zahnmed** 1984 Oct;94(10):1015-28 (Eng. Abstr.) (Ger)

[Experimental research on the effect of dental restoration materials on the growth of aerobic bacterial species and Candida albicans] Welker D, et al. **Schweiz Monatsschr Zahnmed** 1985 May;95(5):412-9 (Eng. Abstr.) (Ger)

[New procedure for processing bioactive glass ceramics for dental implants] Müller L, et al. **Zahn Mund Kieferheilkd** 1984;72(5):431-5 (Eng. Abstr.) (Ger)

[Scintigraphic control study after endosseous implantation of sintered bio-vitroceramic] Schubert R, et al. **Zahn Mund Kieferheilkd** 1984;72(7):679-88 (Eng. Abstr.) (Ger)

[Results of physical studies of Isosite filling materials] Welker D, et al. **Zahn Mund Kieferheilkd** 1985;73(2):137-47 (Eng. Abstr.) (Ger)

[Permeability to bacterial flora in restorations done with composite materials and the use of a new dentin adhesive] Nonato M, et al. **Minerva Stomatol** 1984 Jul-Aug;33(4):683-8 (Eng. Abstr.) (Ita)

[Electrochemical and chemical processes in contact EMF in the oral cavity in the presence of metal dentures] Freidin LI, et al. **Stomatologiia (Mosk)** 1984 Nov-Dec;63(6):57-9 (Eng. Abstr.) (Rus)

RADIATION EFFECTS

Backscatter radiation from restorative materials during cobalt 60 therapy. Dodd DT, et al. **J Oral Med** 1985 Apr-Jun;40(2):72-5, 100

[Determination of the x-ray radiopacity of dental materials] Tappe A, et al. **Zahn Mund Kieferheilkd** 1985;73(1):47-51 (Eng. Abstr.) (Ger)

STANDARDS

A.D.A. list of certified products, 1985. **Aust Dent J** 1985 Apr;30(2):i-viii

TOXICITY

[Experimental test of the reactivity of subcutaneous connective tissue in rats to endodontic materials] Passi P, et al. **Minerva Stomatol** 1984 Jul-Aug;33(4):697-702 (Eng. Abstr.) (Ita)

[In vitro toxicity of dental materials used in restorative and prosthetic dentistry. III. Gold and its alloys] Sbordone L, et al. **Minerva Stomatol** 1985 Jan-Feb;34(1):103-7 (Eng. Abstr.) (Ita)

DENTAL MEDICAID PROGRAM see under **MEDICAL ASSISTANCE, TITLE 19**

DENTAL MODELS

Plaster on the table. Berman M. **Br J Orthod** 1985 Jan;12(1):3-14

The holographic storage of study models. Keating PJ, et al. **Br J Orthod** 1984 Jul;11(3):119-25

Standardized teaching casts for dental preclinical exercises. Morford HT, et al. **J Dent Educ** 1985 Feb;49(2):107-8

An evaluation of sequential models in the preclinical laboratory. Weiner S, et al. **J Dent Educ** 1985 Feb;49(2):109-10

Production of test blocks duplicated by electroforming for detail reproduction of impressions made with impression materials. Nishiyama M, et al. **J Nihon Univ Sch Dent** 1984 Sep;26(3):211-37

Dimensional accuracy of epoxy resins and their compatibility with impression materials. Aiach D, et al. **J Prosthet Dent** 1984 Oct;52(4):500-4

Solid base working cast. Buchanan WT, et al. **J Prosthet Dent** 1985 Jul;54(1):152-3

Evaluation of a new epoxy resin die material. Campbell SD, et al. **J Prosthet Dent** 1985 Jul;54(1):136-40

A simplified guide to trimming esthetically appealing diagnostic casts. Carlin SA, et al. **J Prosthet Dent** 1985 Jun;53(6):882

Alteration of occlusal reduction of prepared abutment teeth subsequent to final impressions. Davidoff SR. **J Prosthet Dent** 1985 Feb;53(2):158-60

Use of paint-on die spacers in preparations with grooves. Donovan T, et al. **J Prosthet Dent** 1984 Sep;52(3):384-8

Abrasion resistant casts for removable partial dentures. Fox CW, et al. **J Prosthet Dent** 1984 Nov;52(5):763

The dowelklip: a device for dowel pin placement. George TA, et al. **J Prosthet Dent** 1985 Feb;53(2):276-8

Die recovery technique. Jordan RD, et al. **J Prosthet Dent** 1985 Feb;53(2):283-5

Combined die-investment stone and die-stone cast for making resin-retained prostheses. Kanoy BE, et al. **J Prosthet Dent** 1985 Feb;53(2):285-7

Preimpression preparation for positive recovery of master casts. Sherman JR Jr. **J Prosthet Dent** 1985 Jul;54(1):19-20

Boxing impressions with irreversible hydrocolloid. Stipho HD. **J Prosthet Dent** 1985 May;53(5):740-1

Comparison of internal escape channels with die spacing and occlusal venting. Tjan AH, et al. **J Prosthet Dent** 1985 May;53(5):613-7

Accuracy of stone casts produced by perforated trays and nonperforated trays. Woodward JD, et al. **J Prosthet Dent** 1985 Mar;53(3):347-50

Surface texture of stone model setting against elastomer impression materials. Nanami T, et al. **Swed Dent J** 1984;8(5):251-5

[Overall surface area of occlusal contacts in static occlusion in dental models] Hoffmann F, et al. **Zahn Mund Kieferheilkd** 1984;72(8):795-802 (Eng. Abstr.) (Ger)

[Analysis of the research data from orthopantomograms and jaw models in partial anodontia] Agadzhanian SKh. **Stomatologiia (Mosk)** 1984 Nov-Dec;63(6):74-5 (Eng. Abstr.) (Rus)

DENTAL OCCLUSION

see related
JAW RELATION RECORD
MALOCCLUSION

Long-term effects on chewing with mandibular fixed prostheses on osseointegrated implants. Lindquist LW, et al. **Acta Odontol Scand** 1985 Mar;43(1):39-45

An electromyographic analysis of the temporalis function of normal occlusion. Ahlgren J, et al. **Am J Orthod** 1985 Mar;87(3):230-9

An epidemiologic transition in dental occlusion in world populations. Corruccini RS. **Am J Orthod** 1984 Nov;86(5):419-26

Temporomandibular disorders and functional occlusion after orthodontic treatment: results of two long-term studies. Sadowsky C, et al. **Am J Orthod** 1984 Nov;86(5):386-90

Bite-force variation related to occlusal variation in rural and urban Punjabis (North India). Corruccini RS, et al. **Arch Oral Biol** 1985;30(1):65-9

Occlusal variation in Chinese immigrants to the United Kingdom and their offspring. Corruccini RS, et al. **Arch Oral Biol** 1984;29(10):779-82

Bite force and masseter muscle electromyographic activity during onset of an isometric clench in man. Devlin H, et al. **Arch Oral Biol** 1985;30(3):213-5

Orientation of occlusal contacts in the chimpanzee, Pan troglodytes verus, deduced from scanning electron microscopic analysis of dental microwear patterns. Gordon KD. **Arch Oral Biol** 1984;29(10):783-7

A cephalometric comparison between Angle Class II, division 2 malocclusion and normal occlusion in adults. Fischer-Brandies H, et al. **Br J Orthod** 1985 Jul;12(3):158-62

A metric analysis of occlusal morphology between three population samples. Lavelle CL. **Bull Group Int Rech Sci Stomatol Odontol** 1984 Jul;27(3):181-98

Tooth occlusion in school children. British Columbia Children's Dental Health Survey 1980. Gray AS, et al. **Can Dent Assoc J** 1984 Oct;50(10):767-71

Symposium on semiprecision attachments in removable partial dentures. Occlusal relationships. Whitbeck P, et al. **Dent Clin North Am** 1985 Jan;29(1):149-62

Infraocclusion of primary molars and the effect on occlusal development, a longitudinal study. Kurol J, et al. **Eur J Orthod** 1984 Nov;6(4):277-93

In vivo forces on dental implants: hard-wiring and telemetry methods. Brunski JB, et al. **J Biomech** 1984;17(11):855-60

Changes in electromyographic activity following superior repositioning of the maxilla. Johnston CP, et al. **J Oral Maxillofac Surg** 1984 Oct;42(10):656-64

An alternative method for recording the occlusion of the edentulous patient during the construction of replacement dentures. Duthie N, et al. **J Oral Rehabil** 1985 Mar;12(2):161-71

Reproduction of waxed functional occlusal patterns in fired ceramics. Abarno JC, et al. **J Prosthet Dent** 1985 Feb;53(2):247-51

Comparative study of two treatment methods for internal derangement of the temporomandibular joint. Anderson GC, et al. **J Prosthet Dent** 1985 Mar;53(3):392-7

Effect of interocclusal records on transverse axis position. Balthazar YM, et al. **J Prosthet Dent** 1984 Dec;52(6):804-9

The variability of intercuspal position. Barmby CL. **J Prosthet Dent** 1985 May;53(5):702-6

The influence of altered working-side occlusal guidance on masticatory muscles and related jaw movement. Belser UC, et al. **J Prosthet Dent** 1985 Mar;53(3):406-13

Occlusion and mandibular dysfunction: a clinical study of patients referred for functional disturbances of the masticatory system. Droukas B, et al. **J Prosthet Dent** 1985 Mar;53(3):402-6

Photocclusion technique for simultaneous qualitative and quantitative occlusal contact registration. Fitzig S, et al. **J Prosthet Dent** 1985 Mar;53(3):413-4

A study of the position of the parotid papilla relative to the occlusal plane. Foley PF, et al. **J Prosthet Dent** 1985 Jan;53(1):124-6

A study of the acceptability of lateral interocclusal records by the Hanau H-2 articulator. Gaston ML, et al. **Prosthet Dent** 1985 Feb;53(2):252-6

Geometric study of incisal guide pin opening. Kaiser DA, et al. **J Prosthet Dent** 1985 Apr;53(4):495

Quick face-bow remount index. Kirk GA. **J Prosthet Dent** 1985 Jan;53(1):142

Duration of nocturnal tooth contacts during bruxing. Kydd WL, et al. **J Prosthet Dent** 1985 May;53(5):717-21

Relationship between occlusal contacts and jaw-closing muscle activity during tooth clenching: Part I. MacDonald JW, et al. **J Prosthet Dent** 1984 Nov;52(5):718-28

Relationship between occlusal contacts and jaw-closing muscle activity during tooth clenching: Part II. MacDonald JW, et al. **J Prosthet Dent** 1984 Dec;52(6):862-7

Evaluation of incisal guide calibrations. Mansueto MA, et al. **J Prosthet Dent** 1985 Apr;53(4):490-4

Effect of interocclusal records on transverse axis position [letter] Millstein PL. **J Prosthet Dent** 1985 May;53(5):750-1

An evaluation of occlusal indicator wax. Millstein PL. **J Prosthet Dent** 1985 Apr;53(4):570-2

A permanent method of recording occlusal contacts. Millstein PL. **J Prosthet Dent** 1985 May;53(5):748-9

A cephalometric method to determine the angulation of the occlusal plane in edentulous patients. Monteith BD. **J Prosthet Dent** 1985 Jul;54(1):81-7

The diagram of contact intensities: a basic characteristic of occlusion. Neff P, et al. **J Prosthet Dent** 1985 May; 53(5):697-702

Thickness and marking characteristics of occlusal registration strips. Schelb E, et al. **J Prosthet Dent** 1985 Jul;54(1):122-6

Three-dimensional analysis of cusp travel during a nonworking mandibular movement. Schulte JK, et al. **J Prosthet Dent** 1985 Jun;53(6):839-43

Working condylar movement and its effects on posterior occlusal morphology. Schulte JK, et al. **J Prosthet Dent** 1985 Jul;54(1):118-21

The ala-tragus line in complete denture prosthodontics. van Niekerk FW, et al. **J Prosthet Dent** 1985 Jan;53(1):67-9

Bite force discrimination by individuals with complete dentures. Williams WN, et al. **J Prosthet Dent** 1985 Jul; 54(1):146-50

Stabilized baseplate technique for interocclusal records. Ziebert GJ, et al. **J Prosthet Dent** 1984 Oct;52(4):606-8

Practical considerations for using the face-bow for complete denture prosthodontics. Zuckerman GR. **J Prosthet Dent** 1985 Feb;53(2):219-21

Recovery of jaw muscle function following injection of a myotoxic agent (lidocaine-epinephrine). Hinton RJ, et al. **Oral Surg Oral Med Oral Pathol** 1985 Mar;59(3):247-51

Temporomandibular joint function and morphology: observations on the spectra of normalcy. O'Ryan F, et al. **Oral Surg Oral Med Oral Pathol** 1984 Sep;58(3):272-9

Comparative electromyographic study of bite plates and stabilization splints. Dahlström L, et al. **Scand J Dent Res** 1985 Jun;93(3):262-8

Incisor and jaw relationship in 27 persons with osteogenesis imperfecta. Stenvik A, et al. **Scand J Dent Res** 1985 Feb; 93(1):56-60

[Lateral cephalometry in 100 Harbin children with normal occlusion] Chen YX. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Jan;20(1):45-8 (Chi)

[A study on the retruded contact position of the mandible] Yin XM. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar; 19(1):5-8 (Chi)

[Loss of canine tooth guidance and the reaction of the temporomandibular structures] Ewers R. **Dtsch Zahnarztl Z** 1984 Jun;39(6):461-8 (Eng. Abstr.) (Ger)

[Positive orthodontic aspects of the wisdom tooth] Freisfeld M. **Fortschr Kieferorthop** 1984 Oct;45(5):390-402 (Eng. Abstr.) (Ger)

[Importance of the vestibulolingual cuspal distances for transverse occlusal relationships] Löhr E, et al. **Fortschr Kieferorthop** 1984 Aug;45(4):298-303 (Eng. Abstr.) (Ger)

[Incisor position and soft tissue profile—an experimental study] Speth L, et al. **Fortschr Kieferorthop** 1984 Oct; 45(5):360-72 (Eng. Abstr.) (Ger)

[Overall surface area of occlusal contacts in static occlusion in dental models] Hoffmann F, et al. **Zahn Mund Kieferheilkd** 1984;72(8):795-802 (Eng. Abstr.) (Ger)

[Isometric method of analyzing the shape of the hard palate in children during the period of permanent occlusion development] Kostilenko IuP, et al. **Arkh Anat Gistol Embriol** 1984 Aug;87(8):82-5 (Rus)

[Pathogenetic factors of the distal mandibular position in children during the period of changing bite] Dan'kov ND. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):62-4 (Eng. Abstr.) (Rus)

[Hemodynamics in the area of the temporomandibular joints of preschoolers with a physiological bite] Shoshina VS, et al. **Stomatologiia (Mosk)** 1984 Nov-Dec;63(6):52-3 (Eng. Abstr.) (Rus)

[Symmetrographic analysis of the hard palate in orthognathic bite, narrowed dental arches and open bite] Zhulev EN. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):49-51 (Eng. Abstr.) (Rus)

DENTAL OCCLUSION, BALANCED

A critical evaluation of occlusal therapy: occlusal adjustment procedures. Clark GT, et al. **J Am Dent Assoc** 1985 May; 110(5):743-50 (109 ref.)

Gnathosonic monitoring of occlusion of complete and partial dentures. Watt DM, et al. **J Oral Rehabil** 1985 Mar; 12(2):107-12

Occlusal adjustment by photocclusion. Gutman D, et al. **J Prosthet Dent** 1985 Feb;53(2):238-43

Measurement of occlusal reduction for cast restorations. Limpinsel W. **J Prosthet Dent** 1985 Jun;53(6):838-9

Balancing ramps in nonanatomic complete denture occlusion. Nimmo A, et al. **J Prosthet Dent** 1985 Mar;53(3):431-3

Studies of biologic parameters for denture design. Part III: Effects of occlusal adjustment, base retention, and fit on masseter muscle activity and masticatory performance. Perez P, et al. **J Prosthet Dent** 1985 Jan;53(1):69-73

Effect of occlusal treatment on the use of medical services in TMJ dysfunction patients with head and neck symptoms. Kirveskari P, et al. **Proc Finn Dent Soc** 1984;80(5-6):227-9

[Relation between the balance of protrusive occlusion and protrusive inclination of the condylar guidance (path) of the complete denture] Hong L, et al. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):75-7, 126 (Eng. Abstr.) (Chi)

[Occlusographic evaluation of molar migration in cases treated by serial extraction] van der Vleugel J. **Rev Belge Med Dent** 1984 Oct-Nov;39(5):181-5 (Eng. Abstr.) (Fre)

[Cephalometric study of no anomaly showing, well compensated hyper- and hypodivergent cases] Ulgen M. **Fortschr Kieferorthop** 1984 Oct;45(5):348-59 (Eng. Abstr.) (Ger)

DENTAL OCCLUSION, CENTRIC

Myocentric. A clinical appraisal. Dinham GA. **Angle Orthod** 1984 Jul;54(3):211-7

Repeatability of the mandibular retruded position. Hellsing G, et al. **J Oral Rehabil** 1985 Jan;12(1):1-8

The effect of changing the maxillomandibular relationship by a bite plane on the habitual mandibular opening and closing movement. Maruyama T, et al. **J Oral Rehabil** 1984 Sep;11(5):455-65

The hinge-axis: a review of the literature. Winstanley RB. **J Oral Rehabil** 1985 Mar;12(2):135-59 (100 ref.)

Technique to record the location of the kinematic hinge axis without tattooing. Gordon SR. **J Prosthet Dent** 1985 Jan; 53(1):142

Reproducibility of mandibular centricity in three dimensions. Hobo S, et al. **J Prosthet Dent** 1985 May;53(5):649-54

[Clinical observation on determining centric relation with a myo-monitor] Li GZ. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar;19(1):44-5 (Chi)

[Terminal joint axis position and instrumental function analysis in orthodontics] Schrems HT, et al. **Fortschr Kieferorthop** 1984 Oct;45(5):373-81 (Eng. Abstr.) (Ger)

DENTAL OCCLUSION, TRAUMATIC

COMPLICATIONS

Possible role of tensile stress in the etiology of cervical erosive lesions of teeth. Lee WC, et al. **J Prosthet Dent** 1984 Sep;52(3):374-80

[Experience with masseter hypertrophy of occlusal origin] Gulics A, et al. **Fogorv Sz** 1985 Jul;78(7):198-201 (Eng. Abstr.) (Hun)

DIAGNOSIS

Relationship between occlusal factors and signs and symptoms of mandibular dysfunction. A clinical study of 48 dental students. Droukas B, et al. **Acta Odontol Scand** 1984 Oct;42(5):277-83

DENTAL OFFICES

An assessment of the relative dustiness of different alginate impression materials under simulated working conditions. Knibbs PJ, et al. **Br Dent J** 1985 Mar 9;158(5):171-6

Real estate. Purchasing a building—how to make it possible. McEwan D. **Can Dent Assoc J** 1984 Sep;50(9):697-8

Mercury in dental offices. Survey in Vancouver, B.C. Roydhouse RH, et al. **Can Dent Assoc J** 1985 Feb; 51(2):156-8

The microcomputer in the dental office: a new diagnostic aid. van der Stelt PF. **Int Dent J** 1985 Jun;35(2):103-8

Employment in dental offices. Another perspective on practice-busyness. Waldman HB. **J Am Coll Dent** 1984 Winter;51(4):9-13

[Number of dental offices and practicing dentists in Switzerland in 1962, 1971 and 1979 together with the outlook for 1992] Marthaler TM, et al. **Schweiz Monatsschr Zahnmed** 1984 Nov;94(11):1156-67 (Eng. Abstr.) (Ger)

[Mercury vapors in dental practice] Wirz J, et al. **Schweiz Monatsschr Zahnmed** 1985 Apr;95(4):261-80 (Eng. Abstr.) (Ger)

[Bacteriological studies of dental units in conservative dentistry as well as requirements and recommendations for hygiene in dental practice] Metz H, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec; 179(6):496-507 (Eng. Abstr.) (Ger)

ECONOMICS

Buying an office condo. Bernstein RL. **NY J Dent** 1984 Sep-Oct;54(6):257

ORGANIZATION & ADMINISTRATION

[Administration and management of the dental office] Guastamacchia C. **Minerva Stomatol** 1985 Jan-Feb; 34(1):39-44 (Ita)

DENTAL PAPILLA see under **TOOTH GERM**

DENTAL PINS

Retentive pins. Their use and misuse. Wacker DR, et al. **Dent Clin North Am** 1985 Apr;29(2):327-40 (40 ref.)

Horizontal pins: a study of tooth reinforcement. Burgess JO. **J Prosthet Dent** 1985 Mar;53(3):317-22

Photoelastic analysis of stress induced from insertion of self-threading retentive pins. Irvin AW, et al. **J Prosthet Dent** 1985 Mar;53(3):311-6

Pin amalgam restoration and pin amalgam foundation. Lambert RL, et al. **J Prosthet Dent** 1985 Jul;54(1):10-2

Pin-retained reinforced zinc oxide-eugenol temporary restorations. Porter KH, et al. **J Prosthet Dent** 1985 Jan; 53(1):141

[The Mooser pin system—traditional—examined anew] Marinello CP. **Schweiz Monatsschr Zahnmed** 1984 Aug; 94(8):715-24 (Ger)

[Thoughts on the quality of parapulpal screws] Wirz J. **Schweiz Monatsschr Zahnmed** 1984 Aug;94(8):724-8 (Ger)

ADVERSE EFFECTS

Perforations in human teeth with threaded retentive pins: a scanning electron microscopy study. Collins JF, et al. **J Prosthet Dent** 1984 Sep;52(3):334-8

STANDARDS

[Retention pins: stress and fissures] Van Nieuwenhuysen JP. **Rev Belge Med Dent** 1984 Aug-Sep;39(4):124-30 (Eng. Abstr.) (Fre)

DENTAL PLAQUE

Abstracts of papers presented at the 31st ORCA congress. European Organization for Caries Research. July 4-7, 1984, Noordwijkerhout, The Netherlands. **Caries Res** 1985; 19(2):153-92

ANALYSIS

Inhibition of [3H]-thymidine uptake in human gingival fibroblasts by extracts from human dental plaque, oral bacteria of the Streptococcus and Actinomyces species. Duguid R. **Arch Oral Biol** 1985;30(1):89-91

Lipids of developing dental plaque in caries-resistant and caries-susceptible adult people. Murty VL, et al. **Arch Oral Biol** 1985;30(2):171-5

Strontium concentrations in plaque fluids and solids. Shields CP, et al. **Caries Res** 1984;18(6):495-8

Polyamines of dental plaque in caries-resistant vs. caries-susceptible adults. Vratsanos SM, et al. **J Dent Res** 1985 Mar;64(3):422-4

Caries resistance in children with chronic renal failure: plaque pH, salivary pH, and salivary composition. Peterson S, et al. **Pediatr Res** 1985 Aug;19(8):796-9

[Determination and analysis of lysozyme and IgA in dental plaque and saliva and IgG in saliva of patients with dental caries and gingivitis] Deng HS. **Chung Hua I Hsueh Tsa Chih** 1984 Oct;64(10):598-600 (Eng. Abstr.) (Chi)

[In vitro study of plaque accumulation on the surface of composite filling materials] Tanács A, et al. **Fogorv Sz** 1985 Apr;78(4):109-13 (Eng. Abstr.) (Hun)

COMPLICATIONS

Gingival wound healing in the presence of plaque-induced inflammation. Yumet JA, et al. **J Periodontol** 1985 Feb; 56(2):107-19

DIAGNOSIS

Reliability of plaque and periodontal measurements estimated by the internal consistency method. Rise J, et al. **Acta Odontol Scand** 1984 Oct;42(5):293-6

Partial recording of gingivitis and dental plaque in children of different ages and in young adults. Goldberg P, et al. **Community Dent Oral Epidemiol** 1985 Feb;13(1):44-6

Reproducibility of a clinical screening method for assessing gingival inflammation, pockets and plaque retentions. Markkanen H, et al. **Community Dent Oral Epidemiol** 1985 Feb;13(1):33-6

Assessment of plaque by image analysis. Eaton KA, et al. **J Clin Periodontol** 1985 Feb;12(2):135-40

[Interpersonal reliability of plaque index methods] Schneider HG, et al. **Z Arztl Fortbild (Jena)** 1985;79(5):209-11 (Ger)

DRUG THERAPY

In vitro activity of A-16686, a potential antiplaque agent. Pallanza R, et al. **Antimicrob Agents Chemother** 1984 Oct; 26(4):462-5

The effect of a 0.1% cetylpyridinium chloride mouthrinse on plaque and gingivitis in adult subjects. Ashley FP, et al. **Br Dent J** 1984 Sep 22;157(6):191-6

Bispyridinamines: a new class of topical antimicrobial agents as inhibitors of dental plaque. Bailey DM, et al. **J Med Chem** 1984 Nov;27(11):1457-64

[Subgingival plaque control] Kitamura S. **Kokubyo Gakkai Zasshi** 1984 Dec;51(4):734 (Jpn)

ETIOLOGY

Candidal carriage and plaque distribution before, during and after removable orthodontic appliance therapy. Arendorf T, et al. **J Clin Periodontol** 1985 May;12(5):360-8

Effects of cigarette smoking on the rate of plaque formation. Macgregor ID, et al. **J Clin Periodontol** 1985 Jan; 12(1):35-41

Effects of sequential calcium phosphate-fluoride rinses on dental plaque, staining, fluoride uptake, and caries in rats. Shern RJ, et al. **J Dent Res** 1984 Dec;63(12):1355–9

Role of sucrose in plaque formation. Rölla G, et al. **Scand J Dent Res** 1985 Apr;93(2):105–11 (31 ref.)

[Plaque accumulation due to masticatory fractional disorder—an experimental animal study on adult Cercopithecus aethiops monkeys] Kasperk C, et al. **Dtsch Zahnarztl Z** 1984 Jun;39(6):469–74 (Eng. Abstr.) (Ger)

[Relations between plaque formation, tooth surface roughness and self-cleaning] Mierau HD. **Dtsch Zahnarztl Z** 1984 Sep;39(9):691–8 (Eng. Abstr.) (Ger)

[Comparative study of the plaque-forming potential of chocolate containing xylitol or sucrose] Pintér A, et al. **Fogorv Sz** 1984 Nov;77(11):337–40 (Eng. Abstr.) (Hun)

[Comparative study of the plaque-forming potential of various foods] Schuder L, et al. **Fogorv Sz** 1985 Jan;78(1):12–5 (Hun)

[Clinical and microbial estimation of the effect of coupling sugar, sorbose and xylitol rinses on the early dental plaque formation in man] Noguchi T, et al. **Kokubyo Gakkai Zasshi** 1984 Sep;51(3):536–43 (Eng. Abstr.) (Jpn)

IMMUNOLOGY

Studies on saliva in ODU plaque-susceptible rats having experimental gingivitis. II. IgA in the saliva. Takai N, et al. **J Periodont Res** 1985 May;20(3):317–20

METABOLISM

The role for butyrate and propionate in mediating HeLa-cells growth inhibition by human dental plaque fluid from adult periodontal disease. Levine M. **Arch Oral Biol** 1985;30(2):155–9

Some factors affecting the diffusion of [14C]-lactate in human dental plaque. Tatevossian A. **Arch Oral Biol** 1985;30(2):141–6

The effects of heat inactivation, tortuosity, extracellular polyglucan and ion-exchange sites on the diffusion of [14C]-sucrose in human dental plaque residue in vitro. Tatevossian A. **Arch Oral Biol** 1985;30(4):365–71

The effects of the composition and method of drinking of soft drinks on plaque pH. Grobler SR, et al. **Br Dent J** 1985 Apr 20;158(8):293–6

Preferential loss of acetic acid from plaque fermentation in the presence of enamel (short communication). Geddes DA, et al. **Caries Res** 1984;18(5):430–3

The effect of sweeteners on acid production in plaque. Edgar WM, et al. **Int Dent J** 1985 Mar;35(1):18–22

Fluoride uptake in plaque-covered enamel after treatment with the fluoride lacquer Duraphat. Hellwig E, et al. **J Dent Res** 1985 Aug;64(8):1080–3

Importance of high pKA acids in cariogenic potential of plaque. Margolis HC, et al. **J Dent Res** 1985 May;64(5):786–92

Immediate and delayed effects of an enzyme-dependent mineralizing mouthrinse on dental plaque. Schamschula RG, et al. **J Dent Res** 1985 Mar;64(3):454–6

Effect of oral nutrient limitation of gnotobiotic rats on acidogenic properties of dental plaque formed by oral streptococci. van Houte J, et al. **J Dent Res** 1985 May;64(5):815–7

Effects of extracellular plaque components on the chlorhexidine sensitivity of strains of Streptococcus mutans and human dental plaque. Wolinsky LE, et al. **J Dent Res** 1985 Aug;64(8):1051–4

On the physicochemistry of plaque calcification and the phase composition of dental calculus. Driessens FC, et al. **J Periodont Res** 1985 May;20(3):329–36

Metabolism of xylitol in dental plaque. Waaler SM, et al. **Scand J Dent Res** 1985 Jun;93(3):218–21

Interaction between xylitol and sorbitol in plaque metabolism. Frostell G. **Swed Dent J** 1984;8(3):137–46

The effect of xylitol on plaque metabolism. Wåler SM, et al. **Swed Dent J** 1984;8(3):155–61

MICROBIOLOGY

Binding of lectins to Streptococcus mitis cells. Studies of the specificity of ligand mediated aggregation. Abbas S. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Feb;93(1):15–20

pH-dependent bactericidal effects of acidulated fluoride gels on preformed plaque aggregates of Streptococcus mutans 6715. Caufield PW, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):807–10

In-vivo dental plaque-forming ability and relative cariogenicity of the bacteria Streptococcus mitis and Streptococcus sanguis I and II in mono-infected gnotobiotic rats. Drucker DB, et al. **Arch Oral Biol** 1984;29(12):1023–31

Growth and acid tolerance of human dental plaque bacteria. Harper DS, et al. **Arch Oral Biol** 1984;29(10):843–8

Potential cariogenicity of Lycasin 80/55 before and after repeated transmissions of the dental plaque flora in rats. Havenaar R, et al. **Arch Oral Biol** 1984;29(12):995–9

Bacteriocin activity of the bacterium Bacterionema matruchotii isolated from dental plaque in man. Nakamura T, et al. **Arch Oral Biol** 1984;29(9):739–43

The effect of storage in liquid nitrogen on the recovery of human dental plaque bacteria. Wilson RF, et al. **Arch Oral Biol** 1984;29(11):941–4

Dark-field microscopy and patient education. Cole AM, et al. **Aust Dent J** 1984 Dec;29(6):394–7

Stability of selected plaque species and their relationship to caries in a child population over 2 years. Burt BA, et al. **Caries Res** 1985;19(3):193–200

ATP content and viability of human dental plaque during prolonged starvation. Greger JE, et al. **Caries Res** 1985;19(3):201–5

Comparison of the oral microbial flora of caries-free humans and conventional Sprague-Dawley rats. Hall MR, et al. **Caries Res** 1984;18(5):391–400

Effect of chlorhexidine and iodine on the composition of the human dental plaque flora. Schaeken MJ, et al. **Caries Res** 1984;18(5):401–7

Effects of chlorhexidine, iodine, and 5,7-dichloro-8-hydroxyquinoline on the bacterial composition of rat plaque in vivo. Schaeken MJ, et al. **Caries Res** 1984;18(5):440–6

Sampling, cultivation and identification of microorganisms from dental plaque. Theilade E. **Dtsch Zahnarztl Z** 1984 Aug;39(8):611–4

Development and structure of dental plaque. Theilade J. **Dtsch Zahnarztl Z** 1984 Aug;39(8):606–10 (35 ref.)

Microbial ecology of plaque in rats with naturally occurring gingivitis. Isogai E, et al. **Infect Immun** 1985 May;48(2):520–7

Distribution of oral Haemophilus species in dental plaque from a large adult population. Liljemark WF, et al. **Infect Immun** 1984 Dec;46(3):778–86

Isolation of Actinomyces bacteriophage from human dental plaque. Tylenda CA, et al. **Infect Immun** 1985 Jul;49(1):1–6

A new apparatus for continuous cultivation of bacterial plaque on solid surfaces and human dental enamel. Noorda WD, et al. **J Appl Bacteriol** 1985 Jun;58(6):563–9

A microbiological study of one-day supragingival dental plaque [letter] Lamb DJ, et al. **J Dent** 1984 Sep;12(3):275

Selection of Streptococcus mutans and lactobacilli in an intra-oral human caries model. Arneberg P, et al. **J Dent Res** 1984 Oct;63(10):1197–200

Rapid identification of periodontal pathogens in subgingival plaque: comparison of indirect immunofluorescence microscopy with bacterial culture for detection of Actinobacillus actinomycetemcomitans. Bonta Y, et al. **J Dent Res** 1985 May;64(5):793–8

Effect of splint placement on black-pigmented Bacteroides and spirochetes in the dental plaque of beagle dogs. Mikx FH, et al. **J Dent Res** 1984 Nov;63(11):1284–8

Electron microscopic studies on oral microbial interactions in plaque formation in vitro associated with Streptococcus mutans. Matsui N. **J Electron Microsc (Tokyo)** 1984;33(2):131–41

Bacteriological studies of subgingival plaque in a periodontitis-resistant population. I. Darkfield microscopic studies. Africa CW, et al. **J Periodont Res** 1985 Jan;20(1):1–7

Cell to cell interactions of Capnocytophaga and Bacteroides species with other oral bacteria and their potential role in development of plaque. Kolenbrander PE, et al. **J Periodont Res** 1984 Nov;19(6):564–9

Mediators of bacterial virulence in chronic adult periodontitis. Levine M. **J Periodont Res** 1984 Nov;19(6):578–82

The relationship of probing depth and total microscopic counts to differential subgingival plaque morphology. Pihlstrom BL, et al. **J Periodont Res** 1985 Jan;20(1):106–12

Diagnostic potential of chromogenic substrates for rapid detection of bacterial enzymatic activity in health and disease associated periodontal plaques. Syed SA, et al. **J Periodont Res** 1984 Nov;19(6):618–21

The distribution of Actinobacillus actinomycetemcomitans in human plaque. Wolff LF, et al. **J Periodont Res** 1985 May;20(3):237–50

Effects of scaling and root planing on subgingival microbial proportions standardized in terms of their naturally occurring distribution. Hinrichs JE, et al. **J Periodontol** 1985 Apr;56(4):187–94

Lactic acid production by oral Streptococcus mitis inhibits the growth of oral Capnocytophaga. Mashimo PA, et al. **J Periodontol** 1985 Sep;56(9):548–52

Biologic activity of type I and type II Fusobacterium nucleatum isolates from clinically characterized sites. Vincent JW, et al. **J Periodontol** 1985 Jun;56(6):334–9

Microbial interpretation of plaque relative to the diagnosis and treatment of periodontal disease. Wolff LF, et al. **J Periodontol** 1985 May;56(5):281–4

Denture cleansers and in vitro plaque. Sharp EW, et al. **J Prosthet Dent** 1985 Apr;53(4):584–5

Preliminary studies of fructan-hydrolyzing bacteria from human dental plaque. Takamori K, et al. **Microbiol Immunol** 1985;29(4):359–63

Fermentation of glycerol by the flora of immature dental plaque, before and after rinsing with a mineralising solution containing urea and glycerol. Gallagher IH, et al. **NZ Dent J** 1985 Jan;81(363):20–2

Symposium on plaque ecology and dental diseases. 23rd–26th August 1984, Oslo. **Scand J Dent Res** 1985 Apr;93(2):90–134

Support for and implications of the specific plaque hypothesis. Emilson CG, et al. **Scand J Dent Res** 1985 Apr;93(2):96–104 (66 ref.)

Cultivation on solid media of spirochetes in subgingival plaque from advanced marginal periodontitis in humans. Fiehn NE, et al. **Scand J Dent Res** 1984 Oct;92(5):426–35

Formation and ecology of plaque at different locations in the mouth. Theilade E, et al. **Scand J Dent Res** 1985 Apr;93(2):90–5

Scanning electron microscope study of 48-hour plaque on different bridge pontics designs. Gusberti FA, et al. **Schweiz Monatsschr Zahnmed** 1985 Jun;95(6):539–49

The effect of sugar alcohols on plaque and saliva level of Streptococcus mutans. Loesche WJ. **Swed Dent J** 1984;8(3):125–35

[Connective tissue cell metabolism in periodontitis] Larjava H. **Proc Finn Dent Soc** 1984;80(3):149–52 (Eng. Abstr.) (Fin)

[Characteristic ultrastructural aspects of the surface of various dental plaque bacteria] Menghini P, et al. **Bull Group Int Rech Sci Stomatol Odontol** 1984 Jul;27(3):207–18 (Eng. Abstr.) (Fre)

[Dental flossing as a plaque-sampling technic in the rat] Stösser L, et al. **Zahn Mund Kieferheilkd** 1985;73(1):10–7 (Eng. Abstr.) (Ger)

[Bacteriological characterization of gingivitis-inducing plaque depending on different sugar levels of the diet] Pfister W, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug;257(3):364–71 (Eng. Abstr.) (Ger)

OCCURRENCE

Changes in oral health from 1973 to 1982 of 13–15-year-old schoolchildren residing in three different fluoride areas in Finland. Parviainen K, et al. **J Dent Res** 1985 Oct;64(10):1253–6

PATHOLOGY

Calcified microbial plaque. Dental calculus of dogs. Coignoul E, et al. **Am J Pathol** 1984 Dec;117(3):499–501

Ultrastructural relationship of denture surfaces, plaque and oral mucosa in denture stomatitis. Walter B, et al. **J Biol Buccale** 1985 Jun;13(2):145–66

Effect of chlorhexidine rinses on the morphology of early dental plaque formed on plastic film. Brecx M, et al. **J Clin Periodontol** 1984 Oct;11(9):553–64

Ultrastructure of developing subgingival plaque in beagle dogs. ten Napel JH, et al. **J Clin Periodontol** 1985 Aug;12(7):507–24

Cell surface glycoconjugates of gingival fibroblasts exposed to dental plaque extract. Larjava H, et al. **J Periodont Res** 1984 Sep;19(5):469–82

Distribution and ultrastructure of subgingival plaque in beagle dogs with gingival inflammation. Theilade J, et al. **J Periodont Res** 1985 Mar;20(2):131–45

Transmission electron microscopy of plaque accumulations in denture stomatitis. Frank RM, et al. **J Prosthet Dent** 1985 Jan;53(1):115–24

PHYSIOPATHOLOGY

Effect of a 0.1% cetylpyridinium chloride mouthrinse on the accumulation and biochemical composition of dental plaque in young adults. Ashley FP, et al. **Caries Res** 1984;18(5):465–71

Effect of human milk on plaque pH in situ and enamel dissolution in vitro compared with bovine milk, lactose, and sucrose. Rugg-Gunn AJ, et al. **Caries Res** 1985;19(4):327–34

Enamel microhardness change and plaque pH measurements in an intra-oral model in humans. Essig ME, et al. **J Dent Res** 1985 Aug;64(8):1065–8

Remineralization of softened bovine enamel following treatment of overlying plaque with a mineral-enriching solution. Pearce EI, et al. **J Dent Res** 1985 Mar;64(3):416–21

pH change in artificial dental plaque formed by glucosyltransferase and some oral bacteria during batch and continuous culture. Takehara T, et al. **J Dent Res** 1985 Mar;64(3):447–9

In vitro plaque formation on dental amalgam. Dummer PM, et al. **J Oral Rehabil** 1984 Nov;11(6):539–45

The possibility of measuring plaque growth in vivo within 24 hours. Quirynen M, et al. **J Periodont Res** 1985 May;20(3):321–8

The stimulation of human peripheral blood lymphocytes by solubilized dental plaque: macrophage and T-cell dependence. Baker JJ, et al. **J Periodontol** 1985 Jul;56(7):410–8

Effect of long-term use of xylitol on dental plaque. Mäkinen KK, et al. **Proc Finn Dent Soc** 1985;81(1):28–35

Effect of repeated intake of a sugar free fluoride-containing chewing gum on acidogenicity and microbial composition of dental plaque. Ekstrand J, et al. **Scand J Dent Res** 1985 Aug;93(4):309–14

PREVENTION & CONTROL

The effect of verbal information and demonstration on denture hygiene in elderly people. Ambjørnsen E, et al. **Acta Odontol Scand** 1985 Mar;43(1):19–24

Dental caries and periodontal health following a professionally administered plaque control programme in adolescents. King JM, et al. **Br Dent J** 1985 Jan 19;158(2):52–4

Plaque. Current approaches to prevention and control. **J Am Dent Assoc** 1984 Nov;109(5):690–702

The influence of motivation on a plaque control program for handicapped children. Udin RD, et al. **J Am Dent Assoc** 1984 Oct;109(4):591-3

Chemical plaque control and extrinsic tooth discoloration. A review of possible mechanisms. Eriksen HM, et al. **J Clin Periodontol** 1985 May;12(5):345-50 (32 ref.)

Plaque growth-inhibiting effects of an abrasive fluoride-chlorhexidine toothpaste and a fluoride toothpaste containing oxidative enzymes. Etemadzadeh H, et al. **J Clin Periodontol** 1985 Aug;12(7):607-16

Effect of chlorhexidine-fluoride applications without and with Sr and Zn on caries, plaque, and gingiva in rats. Luoma H, et al. **J Dent Res** 1984 Oct;63(10):1193-6

New sustained release dosage form of chlorhexidine for dental use: use for plaque control in partial denture wearers. Hirschfeld Z, et al. **J Oral Rehabil** 1984 Sep;11(5):477-82

Anticariogenic activity of licorice and glycyrrhizine I: Inhibition of in vitro plaque formation by Streptococcus mutans. Segal R, et al. **J Pharm Sci** 1985 Jan;74(1):79-81

Denture plaque control and inflammation in the edentulous patient. Chamberlain BB, et al. **J Prosthet Dent** 1985 Jul;54(1):78-81

[Toothbrushes and the mechanical control of plaque] Adriaens PA, et al. **Rev Belge Med Dent** 1985 Mar-Apr;40(2):38-54 (Eng. Abstr.) (Fre)

[2-year clinically controlled study of plaque prevention with chlorhexidine digluconate and hydrogen peroxide in marginal periodontitis] Gängler P, et al. **Zahn Mund Kieferheilkd** 1985;73(3):253-61 (Eng. Abstr.) (Ger)

THERAPY

Removal of plaque and stain from natural teeth by a low abrasivity toothpaste. Lamb DJ, et al. **Br Dent J** 1984 Aug 25;157(4):125-7

Gingival and bacterial plaque response to instrumentation, oral hygiene instruction and nutritional therapy. Jones BW Jr, et al. **J Periodontol** 1985 Sep;56(9):558-61

Clinical evaluation of the Prophy-Jet as an instrument for routine removal of tooth stain and plaque. Weaks LM, et al. **J Periodontol** 1984 Aug;55(8):486-8

[Effect of professional plaque removal on the recolonization of tooth surfaces by glucan-forming streptococci] Ranke B, et al. **Dtsch Zahnarztl Z** 1984 Jul;39(7):524-8 (Eng. Abstr.) (Ger)

[Plaque reduction with a water jet containing an abrasive agent] Wiedemann W, et al. **Dtsch Zahnarztl Z** 1984 Sep;39(9):687-90 (Eng. Abstr.) (Ger)

DENTAL PLAQUE INDEX see under **DENTAL HEALTH SURVEYS**

DENTAL POLISHING

Relief formation in polished amalgam surfaces. Leitão J. **Acta Odontol Scand** 1984 Dec;42(6):345-9

The surface finish of composite resin restorative materials. van Noort R, et al. **Br Dent J** 1984 Nov 24;157(10):360-4

Immediate-polished and as-carved Tytin restorations after three years. Smales RJ, et al. **J Dent** 1985 Jun;13(2):79-83

Relation of finish to discoloration of composite resins. Hachiya Y, et al. **J Prosthet Dent** 1984 Dec;52(6):811-4

[Serial analysis of the polishing capacity of 3 spherical amalgams in 1 visit] Nonato M, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):279-85 (Eng. Abstr.) (Ita)

[The effect of the degree of processing of denture materials used in the construction of fixed dentures on gingival health] Teodosijević M, et al. **Vojnosanit Pregl** 1985 Mar-Apr;42(2):111-4 (Eng. Abstr.) (Ser)

INSTRUMENTATION

Removal of overhanging amalgam: a comparative study of three instruments. Givens EG, et al. **J Prosthet Dent** 1984 Dec;52(6):815-20

[Scanning electron microscopic studies of rubber-polished amalgam fillings] Geurtsen W. **Dtsch Zahnarztl Z** 1984 Jul;39(7):529-31 (Ger)

[New means of prophylaxis and polishing. Ultrastructural analysis of the enamel surface] Scotti R, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):333-8 (Eng. Abstr.) (Ita)

METHODS

Finishing glass-ionomer cement. A scanning electron microscope examination of the surface of an anhydrous glass-ionomer cement in vivo. Knibbs PJ, et al. **Br Dent J** 1984 Dec 8;157(11):398-400

Effect of finishing on color and gloss of composites with different fillers. Stanford WB, et al. **J Am Dent Assoc** 1985 Feb;110(2):211-3

A comparison of methods for contouring the occlusal surfaces of posterior composite restorations. Rukuzo M, et al. **J Dent** 1985 Jun;13(2):109-22

Different surface finishing methods of dental materials compared with contact angle measurements and ESCA. Sinisalo T, et al. **Proc Finn Dent Soc** 1984;80(5-6):238-44

[Composite fillings—the 1 X 1 of finishing] Krejci I, et al. **Schweiz Monatsschr Zahnmed** 1984 Oct;94(10):1015-28 (Eng. Abstr.) (Ger)

[Finishing studies of cast fillings in relation to the material, the instrument, the clearance width and the lining of the cavity margin] Jahn KR, et al. **Zahn Mund Kieferheilkd** 1985;73(3):262-74 (Eng. Abstr.) (Ger)

DENTAL PORCELAIN

Direct bonding of orthodontic brackets to esthetic restorative materials using a silane. Newman SM, et al. **Am J Orthod** 1984 Dec;86(6):503-6

The structure and oxidation of two palladium ceramic fusing alloys. Suoninen E, et al. **Biomaterials** 1985 Mar;6(2):133-7

Recent developments in materials and processes for ceramic crowns. Council on Dental Materials, Instruments, and Equipment. **J Am Dent Assoc** 1985 Apr;110(4):548-9

Spectrometric analysis of the influence of metal substrates on the color of metal-ceramic restorations. Brewer JD, et al. **J Dent Res** 1985 Jan;64(1):74-7

Effect of metal design on marginal distortion of metal-ceramic crowns. DeHoff PH, et al. **J Dent Res** 1984 Nov;63(11):1327-31

Shear testing of the porcelain-metal bond. Drummond JL, et al. **J Dent Res** 1984 Dec;63(12):1400-1

Double-layer color effects in porcelain systems. O'Brien WJ, et al. **J Dent Res** 1985 Jun;64(6):940-3

Thermal stress failure of porcelain bonded to a palladium-silver alloy. Walton TR, et al. **J Dent Res** 1985 Mar;64(3):476-80

Reproduction of waxed functional occlusal patterns in fired ceramics. Abarno JC, et al. **J Prosthet Dent** 1985 Feb;53(2):247-51

Post-soldering free-standing porcelain-fused-to-metal pontics. Cohen SR, et al. **J Prosthet Dent** 1984 Sep;52(3):452-3

Evaluation of ceramic margins for metal-ceramic restorations. Cooney JP, et al. **J Prosthet Dent** 1985 Jul;54(1):1-5

Effects of topical fluorides on five low-fusing dental porcelains. Copps DP, et al. **J Prosthet Dent** 1984 Sep;52(3):340-3

Corrosion-fatigue of the bond between nickel-chrome casting alloys and porcelain. DeLong R, et al. **J Prosthet Dent** 1984 Sep;52(3):344-8

Technique for applying porcelain to pontics of fixed partial dentures. Donovan TE, et al. **J Prosthet Dent** 1985 Jan;53(1):134-6

Marginal opening of single and twin platinum foil-bonded aluminous porcelain crowns. Faull TW, et al. **J Prosthet Dent** 1985 Jan;53(1):29-33

Effects of topical fluoride preparations on glazed porcelain surfaces. Jones DA. **J Prosthet Dent** 1985 Apr;53(4):483-4

A compressive strength study of an all-ceramic crown. Josephson BA, et al. **J Prosthet Dent** 1985 Mar;53(3):301-3

Spectrophotometric study of the relationship between body porcelain color and applied metallic oxide pigments. Lund TW, et al. **J Prosthet Dent** 1985 Jun;53(6):790-6

Role of gallium in alloy-porcelain bonding. Sarkar NK, et al. **J Prosthet Dent** 1985 Feb;53(2):190-4

Radiograph stress measurement of porcelain fused to metal. Terada Y. **J Prosthet Dent** 1984 Sep;52(3):349-52

Customized shade guide. Ware OH. **J Prosthet Dent** 1984 Sep;52(3):449-50

[Method of comparative evaluation of the strength of the joint between dental porcelain and metal] Khokhlov AA. **Med Tekh** 1985 Mar-Apr;(2):52-3 (Rus)

[Quality of ceramic prostheses depending on the type of ledge of the prepared teeth] Postolaki II, et al. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):63-4 (Eng. Abstr.) (Rus)

HISTORY

[2 cases in Portugal of the fabrication of artificial teeth of porcelain and of acrylic resin] Anão C. **Rev Port Estomatol Cir Maxilofac** 1984 Oct-Dec;25(4):1061-73 (Por)

PHARMACODYNAMICS

The role of platinum matrix in porcelain jacket crowns. Piddock V, et al. **Br Dent J** 1984 Oct 20;157(8):275-80

[Method for the comparative assessment of the strength of the bonding of dental porcelain and metal] Khokhlov AA. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):50-2 (Eng. Abstr.) (Rus)

DENTAL PROPHYLAXIS

see related

DENTAL CALCULUS

Topical fluoride procedures re-examined [editorial] Harris R. **Aust Dent J** 1984 Dec;29(6):411-2

Effect of a professional tooth cleaning program on interdentally localized Streptococcus mutans. Kristoffersson K, et al. **Caries Res** 1984;18(5):385-90

Effect of prior toothcleaning on bi-annual professional acidulated phosphate fluoride topical fluoride gel-tray treatments. Results after three years. Ripa LW, et al. **Caries Res** 1984;18(5):457-64

Effect of subgingival scaling on systemic antibody responses to oral microorganisms. Ebersole JL, et al. **Infect Immun** 1985 May;48(2):534-9

The removal of root surface deposits. Eaton KA, et al. **J Clin Periodontol** 1985 Feb;12(2):141-52

The effect of Keyes' method of oral hygiene on the subgingival microflora compared to the effect of scaling and/or surgery. Greenwell H, et al. **J Clin Periodontol** 1985 Apr;12(4):327-41

Scaling and granulation tissue removal in periodontal therapy. Lindhe J, et al. **J Clin Periodontol** 1985 May;12(5):374-88

Healing following reimplantation of teeth subjected to root planing and citric acid treatment. Nyman S, et al. **J Clin Periodontol** 1985 Apr;12(4):294-305

Improved periodontal conditions following therapy. Westfelt E, et al. **J Clin Periodontol** 1985 Apr;12(4):283-93

Maintenance of an adequate dental hygiene education system. Ley E, et al. **J Dent Educ** 1984 Oct;48(10):556-9

Effect of surgical gloves on preclinical scaling skills. Uldricks JM, et al. **J Dent Educ** 1985 May;49(5):316-7

Effects of scaling and root planing on subgingival microbial proportions standardized in terms of their naturally occurring distribution. Hinrichs JE, et al. **J Periodontol** 1985 Apr;56(4):187-94

Molar and nonmolar teeth compared over 6 1/2 years following two methods of periodontal therapy. Pihlstrom BL, et al. **J Periodontol** 1984 Sep;55(9):499-504

The production of a root surface smear layer by instrumentation and its removal by citric acid. Polson AM, et al. **J Periodontol** 1984 Aug;55(8):443-6

If you can build a better mousetrap, build it! Keyes PH. **NY State Dent J** 1985 May;51(5):262-3

[Effects of 2 prophylaxis programs on the knowledge and behavior of 13- to 15-year-old schoolchildren] Magri F, et al. **Schweiz Monatsschr Zahnmed** 1984 Aug;94(8):695-706 (Eng. Abstr.) (Ger)

[Oral health and prevention] Furtado I. **Rev Port Estomatol Cir Maxilofac** 1984 Apr-Jun;25(2):785-814 (Eng. Abstr.) (Por)

[Organization of prophylactic work in the Pedodontics Department of the Klaipeda Dental Polyclinic, Lithuanian SSR] Rochene IV, et al. **Stomatologiia (Mosk)** 1984 Nov-Dec;63(6):28-30 (Eng. Abstr.) (Rus)

INSTRUMENTATION

Air-polishing systems. Clinical notes no. 3. Makinson OF. **Aust Dent J** 1985 Apr;30(2):136

The effects of an airbrasive instrument on dental hard tissues, skin and oral mucosa. Newman PS, et al. **Br Dent J** 1985 Jul 6;159(1):9-12

Evaluation of the effect on root surfaces of air turbine scalers and ultrasonic instrumentation. Lie T, et al. **J Periodontol** 1985 Sep;56(9):522-31

Scanning electron microscope evaluation of wear of dental curettes during standardized root planing. Tal H, et al. **J Periodontol** 1985 Sep;56(9):532-6

Clinical evaluation of the Prophy-Jet as an instrument for routine removal of tooth stain and plaque. Weaks LM, et al. **J Periodontol** 1984 Aug;55(8):486-8

[Tartar removal by hand instruments and by ultrasonic apparatus. Current approaches and recent findings] Picarelli A, et al. **Minerva Stomatol** 1984 Sep-Oct;33(5):801-9 (48 ref.) (Eng. Abstr.) (Ita)

[New means of prophylaxis and polishing. Ultrastructural analysis of the enamel surface] Scotti R, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):333-8 (Eng. Abstr.) (Ita)

METHODS

A comparison of the effects of two different prophylaxis regimes in vitro on some restorative dental materials. A preliminary SEM study. Patterson CJ, et al. **Br Dent J** 1984 Sep 8;157(5):166-70

New attachment formation as the result of controlled tissue regeneration. Gottlow J, et al. **J Clin Periodontol** 1984 Sep;11(8):494-503

Marginal bone height in adolescents participating in different preventive dental care programs. Teiwik A, et al. **J Clin Periodontol** 1984 Oct;11(9):590-9

Determination of rpm, time, and load used in oral prophylaxis polishing in vivo. Christensen RF, et al. **J Dent Res** 1984 Dec;63(12):1376-82

The effectiveness of hand versus ultrasonic instrumentation in open flap root planing. Hunter RK, et al. **J Periodontol** 1984 Dec;55(12):697-703

TRENDS

Can dental hygienists affect the periodontal health of the nation? An assessment of the future of dental hygiene. Pattison AM. **J Public Health Dent** 1985 Spring;45(2):69-74

Can dental hygienists affect the periodontal health of the nation? Trends and potentials for dental hygiene. Walsh MM. **J Public Health Dent** 1985 Spring;45(2):60-4

DENTAL PROSTHESIS

Edentulism and oral health problems among elderly rural Iowans: the Iowa 65+ rural health study. Hunt RJ, et al. **Am J Public Health** 1985 Oct;75(10):1177-81

Geronto-anatomical aspects of the buccinator muscle in prosthetic stomatology. Prágai G. **Anat Anz** 1985;158(2):159-67

Prosthodontic implications of the adolescent cleft palate patient. Henry PJ, et al. **Aust Dent J** 1985 Apr;30(2):104-11

The use of chemical disinfectants in dental prosthetics. Kwok WM, et al. **Aust Dent J** 1984 Jun;29(3):180-3

An introduction to the concepts of oral dysfunction. A report of a teaching exercise. Ogden AR, et al. **Br Dent J** 1984 Aug 11;157(3):105–8

Impacted dentures mimicking brain stem stroke in a conscious patient. Valori RM, et al. **Br Med J [Clin Res]** 1985 May 11;290(6479):1413–4

Prosthetic needs and demands for services of a group of elderly people in Israel. Mersel A, et al. **Community Dent Oral Epidemiol** 1984 Oct;12(5):315–8

Psychosocial factors for failure to adapt to dental prostheses. Marbach JJ. **Dent Clin North Am** 1985 Jan;29(1):215–33

Hydrophobic interaction in Candida albicans and Candida tropicalis adherence to various denture base resin materials. Minagi S, et al. **Infect Immun** 1985 Jan;47(1):11–4

A patient selection profile for the use of speech prostheses in adult dysarthria. Bedwinek AP, et al. **J Commun Disord** 1985 Jun;18(3):169–82

The prosthetic treatment in the presence of gross resorption of the mandibular alveolar ridge. Golds L. **J Dent** 1985 Jun;13(2):91–101

Polymers in the service of prosthetic dentistry. Ping Chaing BK. **J Dent** 1984 Sep;12(3):203–14

Surface preparation and shear bond strength of the casting–cement interface. Button GL, et al. **J Prosthet Dent** 1985 Jan;53(1):34–8

Accuracy of cast restorations produced by a refractory die–investing technique. Finger W, et al. **J Prosthet Dent** 1984 Dec;52(6):800–3

Quick face–bow remount index. Kirk GA. **J Prosthet Dent** 1985 Jan;53(1):142

Use of the afterloading technique for intraoral radiation carriers. Minsley GE, et al. **J Prosthet Dent** 1985 May;53(5):676–8

Difficult denture patients: observations and hypothesis. Pitts WC. **J Prosthet Dent** 1985 Apr;53(4):532–4

Sectional prostheses connected by samarium–cobalt magnets. Sasaki H, et al. **J Prosthet Dent** 1984 Oct;52(4):556–8

Prosthodontic treatment of patients with hypodontia. Winstanley RB. **J Prosthet Dent** 1984 Nov;52(5):687–91

Thin lips [letter] Schneider RL. **Plast Reconstr Surg** 1985 May;75(5):766

[Clinical manifestation and prosthetic treatment of severe, deep overbite and deep overjet in adult patients] Wang YY. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Jun;19(2):78–80 (Chi)

[The importance of prosthetic care in the treatment of periodontal diseases] Komínková O. **Sb Lek** 1984 Dec;86(11–12):342–8 (Eng. Abstr.) (Cze)

[Histopathology of the oral mucosa beneath dentures. Review of the literature] Busschop JL. **Rev Belge Med Dent** 1984 Oct–Nov;39(5):175–80 (Eng. Abstr.) (Fre)

[Oral hygiene and prosthetics in wearers of removable dentures] Grimonster J, et al. **Rev Belge Med Dent** 1984 Oct–Nov;39(5):165–74 (Eng. Abstr.) (Fre)

[What does the periodontologist expect of the prosthodontist?] Erpenstein H. **Dtsch Zahnarztl Z** 1984 Aug;39(8):563–9 (Eng. Abstr.) (Ger)

[What does the prosthodontist expect of the periodontologist?] Kerschbaum T. **Dtsch Zahnarztl Z** 1984 Aug;39(8):558–62 (Eng. Abstr.) (Ger)

[Errors in the determination of indications and choice of operative method in preprosthetic surgery] Härle F. **Fortschr Kiefer Gesichtschir** 1985;30:37–40 (Ger)

[Oral hygiene of denture wearers] Keszthelyi g, et al. **Fogorv Sz** 1984 Aug;77(8):229–33 (Eng. Abstr.) (Hun)

[Ultrasonic tomography in prosthodontics] Sawada K. **Kokubyo Gakkai Zasshi** 1985 Mar;52(1):163 (Jpn)

[The gnathoprosthetic concept] Burlui V. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct–Dec;88(4):687–94 (Rum)

[Method of comparative evaluation of the strength of the joint between dental porcelain and metal] Khokhlov AA. **Med Tekh** 1985 Mar–Apr;(2):52–3 (Rus)

[Calculation of the expenditure of precious metal in fabricating a dental prosthesis] Gusev IuP. **Stomatologiia (Mosk)** 1985 Jan–Feb;64(1):51–3 (Eng. Abstr.) (Rus)

[Prophylactic dental prosthesis of children and adolescents] Shamsiev KhN. **Stomatologiia (Mosk)** 1985 Jan–Feb;64(1):83 (Rus)

[Team treatment of anomalies of the organs of mastication] Mitrović T, et al. **Vojnosanit Pregl** 1984 Nov–Dec;41(6):484–7 (Ser)

[Nutrition in the aged and dental prostheses] Miquel JL, et al. **Bol Of Sanit Panam** 1985 Mar;98(3):228–35 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

Tobacco smoking and denture wearing as local aetiological factors in median rhomboid glossitis. Arendorf TM, et al. **Int J Oral Surg** 1984 Oct;13(5):411–5

ECONOMICS

The effects of denturism on denture prices. Rosenstein DI, et al. **Am J Public Health** 1985 Jun;75(6):671–2

PSYCHOLOGY

Beyond classification of behavior types. Kotwal KR. **J Prosthet Dent** 1984 Dec;52(6):874–6

STANDARDS

[The present status and level of stomatologic prosthetic care] Bittner J. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1982;25(5):379–86 (Eng. Abstr.) (Cze)

DENTAL PROSTHESIS DESIGN

Retention of complete maxillary dentures as a result of changes in design. Fløystrand F, et al. **Acta Odontol Scand** 1984 Dec;42(6):327–32

Symposium on semiprecision attachments in removable partial dentures. Laboratory procedures. Pomerantz S. **Dent Clin North Am** 1985 Jan;29(1):171–83

Review of removable partial denture components and their design as related to maintenance of tissue health. Weintraub GS. **Dent Clin North Am** 1985 Jan;29(1):39–56

A review of extracoronal and intracoronal retainer systems. Winkler S, et al. **Dent Clin North Am** 1985 Jan;29(1):57–66

Effect of metal design on marginal distortion of metal–ceramic crowns. DeHoff PH, et al. **J Dent Res** 1984 Nov;63(11):1327–31

A cantilevered swinglock removable partial denture design for the treatment of the partial mandibulectomy patient. Adams D. **J Oral Rehabil** 1985 Mar;12(2):113–8

An experimental comparison of vertical tooth movement of 33 degrees and 0 degree teeth after denture processing procedures. Carr L, et al. **J Oral Rehabil** 1985 May;12(3):263–78

Reproduction of waxed functional occlusal patterns in fired ceramics. Abarno JC, et al. **J Prosthet Dent** 1985 Feb;53(2):247–51

Fit of three porcelain–fused–to–metal marginal designs in vivo: a scanning electron microscope study. Belser UC, et al. **J Prosthet Dent** 1985 Jan;53(1):24–9

A simplified guide to trimming esthetically appealing diagnostic casts. Carlin SA, et al. **J Prosthet Dent** 1985 Jun;53(6):882

Nonanatomic patterns for full cast gold crowns. Chiche GJ, et al. **J Prosthet Dent** 1984 Nov;52(5):760–1

The application of microdentistry in fixed prosthodontics. Chou TM, et al. **J Prosthet Dent** 1985 Jul;54(1):36–42

Alteration of occlusal reduction of prepared abutment teeth subsequent to final impressions. Davidoff SR. **J Prosthet Dent** 1985 Feb;53(2):158–60

The relationship between open margins and margin designs on full cast crowns made by commercial dental laboratories. Dedmon HW. **J Prosthet Dent** 1985 Apr;53(4):463–6

Root fracture and the design of prefabricated posts. Deutsch AS, et al. **J Prosthet Dent** 1985 May;53(5):637–40

A system for localizing pontics. Faucher RR. **J Prosthet Dent** 1984 Nov;52(5):643–7

Marginal opening of single and twin platinum foil–bonded aluminous porcelain crowns. Faull TW, et al. **J Prosthet Dent** 1985 Jan;53(1):29–33

Reaction of the anterior abutment of a Kennedy Class II removable partial denture to various clasp arm designs: an in vitro study. Firtell DN, et al. **J Prosthet Dent** 1985 Jan;53(1):77–82

A two–pour technique for investing interim partial dentures. Green AJ, et al. **J Prosthet Dent** 1985 Jul;54(1):151–2

Modifications of the superstructure for the staple implant. Guerra LR, et al. **J Prosthet Dent** 1984 Dec;52(6):858–61

Fabricating a cast post to salvage an acceptable crown. Jones DA. **J Prosthet Dent** 1984 Dec;52(6):902

Onlay technique for removable dentures. Kafandaris NM. **J Prosthet Dent** 1985 Feb;53(2):278–80

Prosthetic contingencies for future tooth loss. Kaldahl WB, et al. **J Prosthet Dent** 1985 Jan;53(1):1–6

Combined die–investment stone and die–stone cast for making resin–retained prostheses. Kanoy BE, et al. **J Prosthet Dent** 1985 Feb;53(2):285–7

Studies of biologic parameters for denture design. Part II: Comparison of masseter muscle activity, masticatory performance, and salivary secretion rates between denture and natural dentition groups. Kapur KK, et al. **J Prosthet Dent** 1984 Sep;52(3):408–13

Measurement of occlusal reduction for cast restorations. Limpinsel W. **J Prosthet Dent** 1985 Jun;53(6):838–9

Management of loading forces on mandibular distal–extension prostheses. Part I: Evaluation of concepts for design. Monteith BD. **J Prosthet Dent** 1984 Nov;52(5):673–81

Radiopaque transitional restorations. Mullick SC. **J Prosthet Dent** 1984 Dec;52(6):793–5

Use of adhesive vinyl tooth forms as an aid in the arrangement of artificial teeth. Soni A, et al. **J Prosthet Dent** 1984 Oct;52(4):604–5

Effect of retentive arm clasp design on gingival health: a feasibility study. Spielberger MC, et al. **J Prosthet Dent** 1984 Sep;52(3):397–401

Laboratory pitfalls that contribute to embrasure clasp failure. von Gonten AS, et al. **J Prosthet Dent** 1985 Jan;53(1):136–8

Tissue integrated prostheses––new hope for the compromised denture patient. Sullivan DY. **NY J Dent** 1985 Jan;55(1):7–13

The solid gold placebo. Marbach JJ. **NY State Dent J** 1985 May;51(5):278–84 (26 ref.)

Scanning electron microscope study of 48–hour plaque on different bridge pontics designs. Gusberti FA, et al. **Schweiz Monatsschr Zahnmed** 1985 Jun;95(6):539–49

[Mechanical properties and fatigue resistance of 3 stellite alloys used in dental prosthesis. 2. Experimentation with clasp retention arms] Martinet CN, et al. **Schweiz Monatsschr Zahnmed** 1984 Nov;94(11):1111–22 (Eng. Abstr.) (Fre)

[The perforated cast adhesive bridge––the results of a longitudinal clinical study] Belser UC, et al. **Schweiz Monatsschr Zahnmed** 1985 Jul;95(7):560–74 (Eng. Abstr.) (Ger)

[Consideration of the patient's personality in the esthetic quality of dentures] Alberth M, et al. **Fogorv Sz** 1985 Apr;78(4):97–101 (Hun)

[Development of the dental arch in males aged 14–18 years from the prosthodontic viewpoint] Fábián T, et al. **Fogorv Sz** 1984 Oct;77(10):303–5 (Hun)

[Possibilities of external telescopic fixation to the prosthetic base plate] Grünzer M, et al. **Fogorv Sz** 1984 Oct;77(10):310–4 (Hun)

[Prosthodontic anamnesis and prognosis] Huszár G. **Fogorv Sz** 1984 Oct;77(10):293–6 (Hun)

[Prosthetic management of cleft palate in adults with special consideration of the protection of the remaining teeth] Kovács DG, et al. **Fogorv Sz** 1985 Mar;78(3):71–9 (Eng. Abstr.) (Hun)

[Theoretical and practical questions concerning the construction of removable partial dentures] Szabó G, et al. **Fogorv Sz** 1985 Apr;78(4):103–8 (Eng. Abstr.) (Hun)

[Principles of construction theory in removable and fixed prosthetic reconstructions. I. General introduction] Bernardini UD, et al. **Minerva Stomatol** 1984 Sep–Oct;33(5):841–7 (Eng. Abstr.) (Ita)

[Determination of the prosthetic space in the edentulous patient] Preti G. **Minerva Stomatol** 1985 Jan–Feb;34(1):13–6 (Ita)

[Choice of supporting teeth in designing a clasp denture] Khachaturov ER. **Stomatologiia (Mosk)** 1985 Mar–Apr;64(2):58–60 (Eng. Abstr.) (Rus)

INSTRUMENTATION

Spectral distributions of dental colour–matching lamps. Cook WD, et al. **Aust Dent J** 1985 Feb;30(1):15–21

Use of paint–on die spacers in preparations with grooves. Donovan T, et al. **J Prosthet Dent** 1984 Sep;52(3):384–8

Abrasion resistant casts for removable partial dentures. Fox CW, et al. **J Prosthet Dent** 1984 Nov;52(5):763

The dowelklip: a device for dowel pin placement. George TA, et al. **J Prosthet Dent** 1985 Feb;53(2):276–8

Instrumentation for solving abutment parallelism problems in fixed prosthodontics. Gold HO. **J Prosthet Dent** 1985 Feb;53(2):172–9

Effect of manipulative variables on the accuracy of crown wax patterns. Grajower R, et al. **J Prosthet Dent** 1985 Feb;53(2):168–72

Die recovery technique. Jordan RD, et al. **J Prosthet Dent** 1985 Feb;53(2):283–5

Ceramic flask technique for duplicating a complete denture. Krug RS. **J Prosthet Dent** 1984 Dec;52(6):896–9

Customized shade guide for denture construction. Millstein PL. **J Prosthet Dent** 1984 Dec;52(6):901

Making a maxillary record base with the dental surveyor. Sherman JR Jr. **J Prosthet Dent** 1984 Nov;52(5):750–3

DENTAL PROSTHESIS REPAIR

Symposium on semiprecision attachments in removable partial dentures. Trouble–shooting, repairs, and relining. Finger IM. **Dent Clin North Am** 1985 Jan;29(1):199–214

Crown repair with a cast post and core. Hall DL, et al. **J Prosthet Dent** 1985 May;53(5):641–2

Fabricating a cast post to salvage an acceptable crown. Jones DA. **J Prosthet Dent** 1984 Dec;52(6):902

Revitalizing defaced maxillary plastic denture teeth with resin stain. Martin JO, et al. **J Prosthet Dent** 1985 Mar;53(3):434–5

In–office permanent denture base correction technique. Ruffino AR. **J Prosthet Dent** 1985 Mar;53(3):437–9

Strength of denture repairs as influenced by surface treatment. Shen C, et al. **J Prosthet Dent** 1984 Dec;52(6):844–8

INSTRUMENTATION

Removing dowels in difficult teeth. Bando E, et al. **J Prosthet Dent** 1985 Jul;54(1):34–6

DENTAL PROSTHESIS RETENTION

Retention of complete maxillary dentures as a result of changes in design. Fløystrand F, et al. **Acta Odontol Scand** 1984 Dec;42(6):327–32

Retention of complete maxillary dentures related ot soft tissue function. Orstavik JS, et al. **Acta Odontol Scand** 1984 Oct;42(5):313–20

The reaction of edentulous oral mucosa to prolonged denture retention. Goss AN, et al. **Aust Dent J** 1984 Jun;29(3):168–71

A review of extracoronal and intracoronal retainer systems. Winkler S, et al. **Dent Clin North Am** 1985 Jan;29(1):57–66

Magnetic denture retention systems: inexpensive and efficient. Gillings BR. **Int Dent J** 1984 Sep;34(3):184–97

Effects of canal lubrication on retention of cemented posts. Maryniuk GA, et al. **J Am Dent Assoc** 1984 Sep;109(3):430–3

Denture adhesives: their effects on denture retention and stability. Chew CL, et al. **J Dent** 1985 Jun;13(2):152–9

Clinical studies on K.I. clasps. Ishigami K, et al. **J Nihon Univ Sch Dent** 1984 Dec;26(4):295–300

Crown retention and seating on natural teeth with a resin cement. Brukl CE, et al. **J Prosthet Dent** 1985 May;53(5):618–22

Surface preparation and shear bond strength of the casting–cement interface. Button GL, et al. **J Prosthet Dent** 1985 Jan;53(1):34–8

Retentive properties of a new post and core system. Deutsch AS, et al. **J Prosthet Dent** 1985 Jan;53(1):12–4

No evidence of increased retention [letter] Engelman MA, et al. **J Prosthet Dent** 1984 Sep;52(3):457

Resin retention by immersion–etched alloy. Love LD, et al. **J Prosthet Dent** 1985 May;53(5):623–4

Stabilized accurately fitting trial bases. McElroy TH, et al. **J Prosthet Dent** 1984 Nov;52(5):753–5

Studies of biologic parameters for denture design. Part III: Effects of occlusal adjustment, base retention, and fit on masseter muscle activity and masticatory performance. Perez P, et al. **J Prosthet Dent** 1985 Jan;53(1):69–73

Internal escape channel to improve the seating of full crowns with various marginal configurations: a follow–up study. Tjan AH, et al. **J Prosthet Dent** 1985 Jun;53(6):759–63

Enhanced retention for the distal extension–base removable partial denture using a heat–cured resilient soft liner. Whitsitt JA, et al. **J Prosthet Dent** 1984 Sep;52(3):447–8

[Bonding strength of dental adhesives to etched enamel] Ma XX. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Sep;19(3):140–2 (Chi)

[Retention pins: stress and fissures] Van Nieuwenhuysen JP. **Rev Belge Med Dent** 1984 Aug–Sep;39(4):124–30 (Eng. Abstr.) (Fre)

[How to assure complete prosthesis retention and stabilization in 1983] Hüe O. **Rev Odontostomatol (Paris)** 1984 Jul–Aug;13(4):285–8 (Fre)

[Anterior tooth replacement by the UDA (universal dental anchorage) system] Viargues F, et al. **Rev Odontostomatol (Paris)** 1984 May–Jun;13(3):181–5 (Fre)

[Mechanical properties and fatigue resistance of 3 stellite alloys used in dental prosthesis. 2. Experimentation with clasp retention arms] Martinet CN, et al. **Schweiz Monatsschr Zahnmed** 1984 Nov;94(11):1111–22 (Eng. Abstr.) (Fre)

[Importance of the corrosion factor in bracket adhesive technics] Kappert HF, et al. **Fortschr Kieferorthop** 1984 Aug;45(4):271–83 (Eng. Abstr.) (Ger)

[Psychogenic prosthesis intolerance: therapeutic possibilities] Fassbind O. **Schweiz Monatsschr Zahnmed** 1985 Jul;95(7):595–8 (Ger)

[Evaluation of pressure indicators for the adjustment of the metallic framework] Pezzoli M, et al. **Minerva Stomatol** 1984 Sep–Oct;33(5):849–52 (Eng. Abstr.) (Ita)

[Retention of resection dentures outside the resection cavity] Krmpotić I, et al. **Chir Maxillofac Plast** 1984;14(2–3):57–68 (Eng. Abstr.) (Ser)

DENTAL PROSTHESIS, SURGICAL see DENTAL IMPLANTATION

DENTAL PULP

see related
ENDODONTICS

ANALYSIS

Neuropeptide Y: occurrence and distribution in dental pulps. Uddman R, et al. **Acta Odontol Scand** 1984 Dec;42(6):361–5

Purification and characterization of bovine dental pulp collagenase inhibitor. Kishi J, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):395–404

The extracellular matrix of the dental pulp and dentin. Linde A. **J Dent Res** 1985 Apr;64 Spec No:523–9

Ampicillin concentrations in human serum and dental pulp following a single oral administration. Akimoto Y, et al. **J Nihon Univ Sch Dent** 1984 Jun;26(2):148–54

Ampicillin concentrations in human serum, gingiva, mandibular bone, dental follicle, and dental pulp following a single oral dose of talampicillin. Akimoto Y, et al. **J Oral Maxillofac Surg** 1985 Apr;43(4):270–6

ANATOMY & HISTOLOGY

Aberrations in pulpal histology and dentinogenesis in transplanted erupting teeth. Monsour FN, et al. **J Oral Maxillofac Surg** 1985 Jan;43(1):8–13

Pulpal response to a calcium hydroxide material for capping exposures. Ford TR. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):194–7

Intentional vital root transection: a 52–week histopathologic study in Macaca mulatta. Hitchcock R, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):2–14

A procedure for splitting human teeth to obtain intact pulp tissue, enamel and dentin. Rapp R. **Stain Technol** 1985 Jan;60(1):39–43

BLOOD SUPPLY

Vascular permeability to lanthanum in the rat incisor pulp. Comparison with endoneurial vessels in the inferior alveolar nerve. Bishop MA. **Cell Tissue Res** 1985;239(1):131–6

Hemodynamics of the dental pulp. Chien S. **J Dent Res** 1985 Apr;64 Spec No:602–6

Regulation of pulpal blood flow. Kim S. **J Dent Res** 1985 Apr;64 Spec No:590–6

Vascular architecture of dog pulp using corrosion resin cast examined under a scanning electron microscope. Takahashi K. **J Dent Res** 1985 Apr;64 Spec No:579–84

A modified technique for perfusing blood vessels in pulps of extracted teeth. Rapp R, et al. **Oral Surg Oral Med Oral Pathol** 1984 Dec;58(6):715–21

Pulpal blood flow in immature permanent dog teeth after replantation. Heyeraas KJ, et al. **Scand J Dent Res** 1985 Jun;93(3):227–38

CYTOLOGY

Immunohistochemical localization of fibronectin in structures of the human oral cavity: dental pulp and gingiva. Corvetti G, et al. **Arch Anat Microsc Morphol Exp** 1984;73(4):205–15

Effects of calcium hydroxide–containing pulp–capping agents on pulp cell migration, proliferation, and differentiation. Schröder U. **J Dent Res** 1985 Apr;64 Spec No:541–8

Dental pulp response to bacterial cell wall material. Warfvinge J, et al. **J Dent Res** 1985 Aug;64(8):1046–50

Differentiation of pulpal cells and inductive influences of various matrices with reference to pulpal wound healing. Yamamura T. **J Dent Res** 1985 Apr;64 Spec No:530–40

DRUG EFFECTS

The extent of the necrotic lesion in the apical end of the rat incisor pulp seen after Adriamycin administration. Karim AC, et al. **Exp Pathol** 1985;27(2):105–10

The pulpal response to citric acid in cats. Ryan PC, et al. **J Clin Periodontol** 1984 Nov;11(10):633–43

Pulpal response to a bis–acryl–plastic (Protemp) temporary crown and bridge material. Fleisch L, et al. **J Oral Pathol** 1984 Dec;13(6):622–31

The pulpal response to dilute citric acid smear removers. McInnes–Ledoux P, et al. **J Oral Rehabil** 1985 May;12(3):215–28

Dentin permeability and pulpal response to EDTA. Lindemann RA, et al. **J Prosthet Dent** 1985 Mar;53(3):341–3

Sex difference in the cadmium effect on pulpal polyamines in rat incisor. Furuta H, et al. **Jpn J Pharmacol** 1984 Sep;36(1):110–3

Pulp response after calcitonin treatment of direct exposures in the dog. Cullum DR, et al. **Oral Surg Oral Med Oral Pathol** 1985 Aug;60(2):218–23

The pulpal response to topically applied citric acid. Kitchings SK, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug;58(2):199–206

The solvent action of sodium hypochlorite on bovine tendon collagen, bovine pulp, and bovine gingiva. Nakamura H, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):322–6

Effects of vitamin E dietary supplements on the exposed dental pulp in rats. Niamonitos C, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):627–36

[Long–term clinical follow–up of the pulp of teeth filled with adhesive composites using 3 technics for pulp and dentin protection] Burnand C, et al. **Schweiz Monatsschr Zahnmed** 1984 Sep;94(9):771–84 (Eng. Abstr.) (Fre)

[Pulp reaction of human deciduous teeth to different materials after vital and mortal amputation] Bartsch J, et al. **Zahn Mund Kieferheilkd** 1985;73(3):275–82 (Eng. Abstr.) (Ger)

[Pulpal and dentinal responses to glass ionomer cement] Miani C, et al. **Minerva Stomatol** 1984 Jul–Aug;33(4):677–81 (Eng. Abstr.) (Ita)

[Use of dioxidine for pulp protection in treating pulpitis in children] Khariton VS, et al. **Stomatologiia (Mosk)** 1984 Nov–Dec;63(6):12–4 (Eng. Abstr.) (Rus)

ENZYMOLOGY

Dual regulation of collagenase activity in bovine dental pulps. Kishi J, et al. **Biochem Int** 1984 Sep;9(3):343–50

IMMUNOLOGY

Identification of autoantibodies in human dental pulp by latex–slide agglutination. Gargiulo AV Jr, et al. **Oral Surg Oral Med Oral Pathol** 1984 Sep;58(3):327–9

INJURIES

[The conditions of pulp exposure and their effect on the development of capping] Jones P. **Rev Belge Med Dent** 1984 Jun–Jul;39(3):88–91 (Eng. Abstr.) (Fre)

[Cytological changes in the pulp–dentin system following injury due to cavity preparation and the application of phosphate cement] Rutsatz K, et al. **Zahn Mund Kieferheilkd** 1985;73(2):123–31 (Eng. Abstr.) (Ger)

INNERVATION

Cortical tooth pulp evoked potentials in freely moving rat. Rehnig HP, et al. **Acta Neurobiol Exp (Warsz)** 1984;44(5):205–16

The function of intradental nerves in relation to the sensations induced by dental stimulation. Närhi M, et al. **Acupunct Electrother Res** 1984;9(2):107–13 (27 ref.)

Excitation of tooth pulp afferents with electrical current. Virtanen A, et al. **Acupunct Electrother Res** 1984;9(2):127–34

Experimental morphological studies on the functional role of the pulpal nerves in dentinogenesis. Kubota K, et al. **Anat Anz** 1985;158(4):323–36

Ultrasonic microdissection of the mouse mandible: exposure of the vasculature of alveolar bone and myelinated axons of the pulp. Johnson RB, et al. **Anat Rec** 1985 Jan;211(1):96–101

Immunohistochemical demonstration of the nerves in human dental pulp with antisera against neurofilament protein and glia–specific S–100 protein. Maeda T, et al. **Arch Histol Jpn** 1985 Feb;48(1):123–9

Membrane architecture of myelinated nerve fibres in the human dental pulp studied by freeze–fracturing. Köling A. **Arch Oral Biol** 1985;30(2):121–8

The digastric reflex evoked by tooth–pulp stimulation in the cat and its modulation by stimuli applied to the limbs. Cadden SW. **Brain Res** 1985 Jun 10;336(1):33–43

Physiological properties of intradental mechanoreceptors. Dong WK, et al. **Brain Res** 1985 May 20;334(2):389–95

Reinnervation of the canine tooth pulp after section of the inferior alveolar nerve in the cat. Holland GR, et al. **Brain Res** 1985 Mar 11;329(1–2):300–3

Regenerating nerve fibres do not displace the collateral reinnervation of cat teeth. Robinson PP. **Brain Res** 1984 Sep 24;310(2):303–10

Stimulus–response relation of tooth pulp units in rat trigeminal nucleus. Ikeda N, et al. **Brain Res Bull** 1985 Mar;14(3):273–5

Cytotic vesicles in myelinated nerve fibres in the human dental pulp, as demonstrated by freeze–fracturing. Köling A. **Cell Biol Int Rep** 1984 Sep;8(9):719

Simultaneous demonstration of neuronal somata that innervate the tooth pulp and adjacent periodontal tissues, using two retrogradely transported anatomic markers. Capra NF, et al. **Exp Neurol** 1984 Oct;86(1):165–70

Dentin sensitivity: a review. Närhi MV. **J Biol Buccale** 1985 Jun;13(2):75–96

The characteristics of intradental sensory units and their responses to stimulation. Närhi MV. **J Dent Res** 1985 Apr;64 Spec No:564–71

The role of local factors in dentin and pulp in intradental pain mechanisms. Olgart LM. **J Dent Res** 1985 Apr;64 Spec No:572–8

New approaches to the neurophysiology of the dental pulp. Salzberg BM. **J Dent Res** 1985 Apr;64 Spec No:597–601

Somatotopic organization and transmedian pathways of the rat trigeminal ganglion. Shellhammer SB, et al. **J Dent Res** 1984 Nov;63(11):1289–92

Ultrastructural relationships between the sensory nerve terminals and the odontoblast process in the human dental pulp. Shiromoto M. **Kurume Med J** 1984;31(3):185–95

Perception of pulpal pain as a function of intradental nerve activity. Ahlquist ML, et al. **Pain** 1984 Aug;19(4):353–66

Tooth pulp–evoked potentials in the monkey: cortical surface and intracortical distribution. Chudler EH, et al. **Pain** 1985 Jul;22(3):221–33

Spatial summation of pre–pain and pain in human teeth [letter] Mumford JM, et al. **Pain** 1985 Jul;22(3):320–1

[Variability of cortical evoked potentials in response to tooth pulp stimulation in the freely moving rat] Rehnig HP, et al. **Neirofiziologiia** 1985;17(1):27–35 (Eng. Abstr.) (Rus)

METABOLISM

Determination of the partition coefficient of 133xenon between oral tissues and blood in the dog. Kim S, et al. **Arch Oral Biol** 1984;29(9):721–3

Dentino–pulpal collagen and the incorporation of 3H–proline by sound and carious human teeth in vitro. Karjalainen S, et al. **J Biol Buccale** 1984 Dec;12(4):309–16

Glycogen content and phosphorylase activities in deciduous dental pulp. Study on porcine teeth during root formation, fully formed root and root resorption phases. Martins–da–Silva AM, et al. **J Biol Buccale** 1985 Jun;13(2):97–103

Effect of eugenol on respiration and division in human pulp, mouse fibroblasts, and liver cells in vitro. Hume WR. **J Dent Res** 1984 Nov;63(11):1262–5

Inhibition of prostaglandin I2 biosynthesis in rat dental pulp by phenolic dental medicaments. Hirafuji M. **Jpn J Pharmacol** 1984 Dec;36(4):544–6

In vitro studies on the prostaglandin system in tooth pulp. Antila R, et al. **Proc Finn Dent Soc** 1984;80(5–6):245–52

PATHOLOGY

Pulp capping of dental pulp mechanically exposed to oral microflora: a 1–2 year observation of wound healing in the monkey. Cox CF, et al. **J Oral Pathol** 1985 Feb;14(2):156–68

A histologic evaluation of dental pulp tissue of a patient with periodontal disease. Torabinejad M, et al. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):198–200

[Dental pulp and gingival mucosa in the diabetic patient] Bertoia D, et al. **Minerva Stomatol** 1984 Sep–Oct;33(5):731–4 (Eng. Abstr.) (Ita)

PHYSIOLOGY

The effects of anaesthetics and remote noxious stimuli on the jaw–opening reflex evoked by tooth–pulp stimulation in the cat. Clarke RW, et al. **Brain Res** 1985 Feb 18;327(1–2):105–11

The effect of apicoectomy before replantation on periodontal and pulpal healing in teeth in monkeys. Andreasen JO, et al. **Int J Oral Surg** 1985 Apr;14(2):176–83

Influence of root development on periodontal and pulpal healing after replantation of incisors in monkeys. Kristerson L, et al. **Int J Oral Surg** 1984 Aug;13(4):313–23

Effects of pulp removal and organ culture on adult rat incisor odontoblasts. Ameloot PC, et al. **J Biol Buccale** 1985 Mar; 13(1):11–8

The biology of dentin and pulp. Proceedings of an international workshop. Charlotte, North Carolina, June 10–13, 1984. **J Dent Res** 1985 Apr;64 Spec No:481–633

The biology of dentin and pulp. Consensus report. Bergenholtz G, et al. **J Dent Res** 1985 Apr;64 Spec No:631–3

Pulpal, microvascular, and tissue pressure. Heyeraas KJ. **J Dent Res** 1985 Apr;64 Spec No:585–9

The role of dental pulp—thoughts on the session on pulp repair processes. Veis A. **J Dent Res** 1985 Apr;64 Spec No:552–4

The relationship of lining thickness and thermal insulating efficiency. Jeffrey IW. **J Oral Rehabil** 1984 Sep; 11(5):429–39

Changes in pulp temperature during thermostimulation of human teeth by a simple electrically controlled thermode. Grüsser OJ, et al. **Pflugers Arch** 1985 Mar;403(3):273–7

[Response properties of the tooth pulp-driven neurons in the primary somatosensory cortex (SI) in the cat] Sunakawa M. **Kokubyo Gakkai Zasshi** 1984 Dec;51(4):627–40 (Eng. Abstr.) (Jpn)

[Electrophysiological study of the hypothalamic projection of nociceptive afferents of the dental pulp] Baklavadzhian OG, et al. **Fiziol Zh** 1984 Sep–Oct;30(5):579–86 (Eng. Abstr.) (Rus)

PHYSIOPATHOLOGY

A pilot study of the clinical problem of regionally anesthetizing the pulp of an acutely inflamed mandibular molar. Wallace JA, et al.
Oral Surg Oral Med Oral Pathol 1985 May;59(5):517–21

RADIATION EFFECTS

The effect of radiation on the response of dental pulp to operative and endodontic procedures: an experimental study. Fawzi MI, et al.
Oral Surg Oral Med Oral Pathol 1985 Apr;59(4):405–13

ULTRASTRUCTURE

Intercellular junctions in human tooth-pulp cells in culture in vitro revealed by freeze-fracture, lanthanum impregnation and filipin treatment. Callé A, et al.
Arch Oral Biol 1985;30(3):283–9

Ultrastructure (SEM) of dentine bridging in the human dental pulp. Franz FE, et al. **J Biol Buccale** 1984 Sep;12(3):239–46

[Ultramicroscopic aspects of the dental pulp of rodents (Sciurus m.)] Viti M. **Minerva Stomatol** 1985 Jan–Feb; 34(1):5–11 (Eng. Abstr.) (Ita)

DENTAL PULP CALCIFICATION

RADIOGRAPHY

Calcific metamorphosis with internal resorption. Peterson DS, et al. **Oral Surg Oral Med Oral Pathol** 1985 Aug; 60(2):231–3

DENTAL PULP CAPPING

see related
CALCIUM HYDROXIDE

Effects of calcium hydroxide-containing pulp-capping agents on pulp cell migration, proliferation, and differentiation. Schröder U. **J Dent Res** 1985 Apr;64 Spec No:541–8

Pulp capping of dental pulp mechanically exposed to oral microflora: a 1–2 year observation of wound healing in the monkey. Cox CF, et al. **J Oral Pathol** 1985 Feb; 14(2):156–68

Pulp response after calcitonin treatment of direct exposures in the dog. Cullum DR, et al.
Oral Surg Oral Med Oral Pathol 1985 Aug;60(2):218–23

Pulpal response to a calcium-hydroxide material for capping exposures. Ford TR. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):194–7

[Short and long-term follow-up in the treatment of category IV pulp diseases with calcium hydroxide] Girard C, et al. **Schweiz Monatsschr Zahnmed** 1985 Mar;95(3):169–82 (110 ref.) (Eng. Abstr.) (Fre)

[Pulp capping] Ginjeira AM.
Rev Port Estomatol Cir Maxilofac 1984 Jul–Sep; 25(3):935–51 (Eng. Abstr.) (Por)

METHODS

Considerations and treatment of direct and indirect pulp-capping. Dumsha T, et al. **Dent Clin North Am** 1985 Apr;29(2):251–9 (32 ref.)

[The conditions of pulp exposure and their effect on the development of capping] Jones P. **Rev Belge Med Dent** 1984 Jun–Jul;39(3):88–91 (Eng. Abstr.) (Fre)

[Long-term evaluation of the effect of sodium diclofenac used in direct pulp capping] Deli R, et al.
Minerva Stomatol 1984 Jul–Aug;33(4):689–95 (Eng. Abstr.) (Ita)

DENTAL PULP CAVITY

Foreign body in a tooth. Shay JC.
Oral Surg Oral Med Oral Pathol 1985 Apr;59(4):431

ABNORMALITIES

Filling of the lateral canal. Report of two cases. Xu G, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug;58(2):221–4

[Presence of accessory foramina in permanent molars] Borio PS, et al. **Minerva Stomatol** 1985 Mar–Apr;34(2):347–50 (Eng. Abstr.) (Ita)

ANATOMY & HISTOLOGY

The enigma of the lateral canal. Weine FS.
Dent Clin North Am 1984 Oct;28(4):833–52

Average maximum post lengths in endodontically treated teeth. Zillich RM, et al. **J Prosthet Dent** 1984 Oct; 52(4):489–91

The comparative efficiency of final endodontic cleansing procedures in removing a radioactive albumin from root canal systems. Cecic PA, et al.
Oral Surg Oral Med Oral Pathol 1984 Sep;58(3):336–42

Straight-line endodontic access to anterior teeth. LaTurno SA, et al. **Oral Surg Oral Med Oral Pathol** 1985 Apr; 59(4):418–9

Root canal anatomy of the human permanent teeth. Vertucci FJ. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):589–99

[A study of lateral root canals in the first and second molar] Xi HS. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar; 20(2):88–90, 126–7 (Eng. Abstr.) (Chi)

INJURIES

Non-surgical repair to an iatrogenic perforation of the root canal: a case history. Foreman PC. **Br Dent J** 1985 Feb 9;158(3):97–8

[A piece of tooth with a history] Otto H. **Pathologe** 1984 Oct;5(5):290–1 (Ger)

MICROBIOLOGY

Further characterization of Bacteroides endodontalis, an asaccharolytic black-pigmented Bacteroides species from the oral S cavity. van Winkelhoff AJ, et al.
J Clin Microbiol 1985 Jul;22(1):75–9

Microbiological findings of infected root canals and adjacent periodontal pockets in teeth with advanced periodontitis. Kipioti A, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug;58(2):213–20

DENTAL PULP DEVITALIZATION

ADVERSE EFFECTS

Extensive osteolysis of the mandible following devitalization of a tooth by arsenic trioxide. Yakata H, et al.
J Oral Maxillofac Surg 1985 Jun;43(6):462–6

METHODS

[Pulp reaction of human deciduous teeth to different materials after vital and mortal amputation] Bartsch J, et al.
Zahn Mund Kieferheilkd 1985;73(3):275–82 (Eng. Abstr.) (Ger)

[Ultrasonic method for vital amputation of the pulp] Berezhnoi VP. **Stomatologiia (Mosk)** 1985 Jan–Feb; 64(1):14–5 (Eng. Abstr.) (Rus)

DENTAL PULP DISEASES

see related
ENDODONTICS

CLASSIFICATION

Classification and diagnosis of pulpal pathoses. Smulson MH. **Dent Clin North Am** 1984 Oct;28(4):699–723

DIAGNOSIS

Endodontics in practice. Diagnosis and treatment planning. Stock CJ. **Br Dent J** 1985 Mar 9;158(5):163–70 contd

Endodontic-periodontic interrelationships. Diagnosis and Treatment. Gargiulo AV Jr. **Dent Clin North Am** 1984 Oct; 28(4):767–81

The predictive value of endodontic diagnostic tests. Hyman JJ, et al. **Oral Surg Oral Med Oral Pathol** 1984 Sep; 58(3):343–6

[Diagnosis of pulp diseases of deciduous molars] Hidasi G, et al. **Fogorv Sz** 1984 Sep;77(9):261–5 (Eng. Abstr.) (Hun)

[Diagnosis in endodontics] Bianchi S. **Minerva Stomatol** 1985 Jan–Feb;34(1):181–91 (Eng. Abstr.) (Ita)

ETIOLOGY

Narrowing of the dental pulp chamber in patients with renal diseases. Nässtrõm K, et al.
Oral Surg Oral Med Oral Pathol 1985 Mar;59(3):242–6

[Causes of pulp degeneration] Falda R, et al.
Minerva Stomatol 1985 Mar–Apr;34(2):351–6 (Eng. Abstr.) (Ita)

[Stenotic pulp cavity following traumatic injuries to the permanent teeth at an early age] Miyashin M, et al. **Kokubyo Gakkai Zasshi** 1984 Jun;51(2):458 (Jpn)

IMMUNOLOGY

Identification of autoantibodies in human dental pulp by latex-slide agglutination. Gargiulo AV Jr, et al.
Oral Surg Oral Med Oral Pathol 1984 Sep;58(3):327–9

MICROBIOLOGY

Abscess formation induced in rabbits with bacteria-filled subcutaneous implants that simulate the infected dental root canal. Moorer WR, et al.
Oral Surg Oral Med Oral Pathol 1985 Jun;59(6):642–6

PATHOLOGY

Dental pulp metastases and pan-osseous mandibular involvement with mammary adenocarcinoma. Shankar S. **Br J Oral Maxillofac Surg** 1984 Dec;22(6):455–61

THERAPY

Treatment of the emergency patient. Nehammer CF.
Br Dent J 1985 Apr 6;158(7):245–54

Calcium hydroxide: root resorption and perio-endo lesions. Stock CJ. **Br Dent J** 1985 May 11;158(9):325–34

[One-step therapy for the infected root canal and apex lesion—analysis of 124 cases] Zong LJ.
Chung Hua Kou Chiang Ko Tsa Chih 1984 Sep;19(3):178–9 (Chi)

DENTAL PULP EXPOSURE

The effect of radiation on the response of dental pulp to operative and endodontic procedures: an experimental study. Fawzi MI, et al.
Oral Surg Oral Med Oral Pathol 1985 Apr;59(4):405–13

Effects of vitamin E dietary supplements on the exposed dental pulp in rats. Niamonitos C, et al.
Oral Surg Oral Med Oral Pathol 1985 Jun;59(6):627–36

[The conditions of pulp exposure and their effect on the development of capping] Jones P. **Rev Belge Med Dent** 1984 Jun–Jul;39(3):88–91 (Eng. Abstr.) (Fre)

DENTAL PULP GANGRENE

ETIOLOGY

[Management of gangrene in developing permanent teeth] Tarján I, et al. **Fogorv Sz** 1984 Sep;77(9):271–5 (Eng. Abstr.) (Hun)

MICROBIOLOGY

Mycotic infection in necrotic pulp tissue: a histologic report. Levine S, et al. **Oral Surg Oral Med Oral Pathol** 1985 Apr; 59(4):414–7

THERAPY

Prophylactic use of penicillin V in teeth with necrotic pulps and asymptomatic periapical radiolucencies. Mata E, et al. **Oral Surg Oral Med Oral Pathol** 1985 Aug;60(2):201–7

[Short and long-term follow-up in the treatment of category IV pulp diseases with calcium hydroxide] Girard C, et al. **Schweiz Monatsschr Zahnmed** 1985 Mar;95(3):169–82 (110 ref.) (Eng. Abstr.) (Fre)

DENTAL PULP STONES see DENTAL PULP CALCIFICATION

DENTAL PULP TEST

INSTRUMENTATION

Evaluation of a digital pulp tester. Cooley RL, et al.
Oral Surg Oral Med Oral Pathol 1984 Oct;58(4):437–42

METHODS

The predictive value of endodontic diagnostic tests. Hyman JJ, et al. **Oral Surg Oral Med Oral Pathol** 1984 Sep; 58(3):343–6

Probe placement during electric pulp-testing procedures. Jacobson JJ. **Oral Surg Oral Med Oral Pathol** 1984 Aug; 58(2):242–7

[Vital microscopic examination of the pulp reaction to Proviso-blend in an acute biological test] Krehan f, et al. **Dtsch Zahnarztl Z** 1984 Jul;39(7):508–11 (Eng. Abstr.) (Ger)

DENTAL RADIOGRAPHY see RADIOGRAPHY, DENTAL

DENTAL RECEPTIONISTS see DENTAL AUXILIARIES

DENTAL RECORDS

Informed consent patient records and the doctor/patient relationship. Tryon AF. **J Am Coll Dent** 1984 Summer; 51(2):15–9

The value of dental restorations in post-mortem identification. Eastwood BA, et al. **J Forensic Sci Soc** 1984 Nov–Dec;24(6):569–76

A permanent method of recording occlusal contacts.

Millstein PL. **J Prosthet Dent** 1985 May;53(5):748–9

Patterns of diagnosis and treatment of dental caries from dental practice records. Hunter B. **J R Soc Med** 1985;78 Suppl 7:11–6

Dental identification and the P–3 crash in Hawaii. Smith GA, et al. **Milit Med** 1985 Feb;150(2):59–66

Dental record documentation in selected ambulatory care facilities. Hand JS, et al. **Public Health Rep** 1984 Nov–Dec;99(6):583–90

STANDARDS

Quality assurence and the dental record. Jerge CR, et al. **Dent Clin North Am** 1985 Jul;29(3):483–96

DENTAL RESTORATION, PERMANENT

see related
ACRYLIC RESINS
DENTAL MATERIALS

Facet pattern in intact and restored dentitions of young adults. A comparative study. Kampe T, et al. **Acta Odontol Scand** 1984 Aug;42(4):225–33

A clinical and scanning electron microscopic study of a new restorative material for use in posterior teeth. Leidal TI, et al. **Acta Odontol Scand** 1985 Mar;43(1):1–8

The sealed composite resin restoration. Henderson HZ, et al. **ASDC J Dent Child** 1985 Jul–Aug;52(4):300–2

Resin–based restorative materials—a review. Cook WD, et al. **Aust Dent J** 1984 Oct;29(5):291–5 (44 ref.)

Restorative dentistry for children [letter] Hartenstein GJ. **Aust Dent J** 1985 Feb;30(1):60

Adaptation and microleakage of composite resin restorations. Martin FE, et al. **Aust Dent J** 1984 Dec;29(6):362–70

An in vitro study of zinc in dentine beneath cavities filled with two dental cements. Browne RM, et al. **Biomaterials** 1985 Jan;6(1):41–4

Restorative dental treatment in the General Dental Service in Scotland. Elderton RJ, et al. **Br Dent J** 1984 Sep 22;157(6):196–200

Restoration of anterior teeth: a transitional approach for the young adult. Fisher NL. **Br Dent J** 1985 Jun 22;158(12):445–9

The clinical evaluation of amalgam alloys. Jacobsen PH. **Br Dent J** 1984 Dec 22;157(12):436–9

The effect of acid–etching followed by fluoride application on the development of artificial carious lesions around amalgam restorations. Kidd EA, et al. **Br Dent J** 1984 Nov 24;157(10):349–53

Alternatives to amalgam alloys: 1. McLean JW. **Br Dent J** 1984 Dec 22;157(12):432–3

An in vitro study of restorative dental treatment decisions and dental caries. Merrett MC, et al. **Br Dent J** 1984 Aug 25;157(4):128–33

'The longevity of occlusal amalgam restorations in first permanent molars of child patients' [letter] Stanley A. **Br Dent J** 1985 Mar 23;158(6):201

The longevity of occlusal amalgam restorations in first permanent molars of child patients. Walls AW, et al. **Br Dent J** 1985 Feb 23;158(4):133–6

Alternatives to amalgam alloys: 2. Yardley RM. **Br Dent J** 1984 Dec 22;157(12):434–5

Experimental secondary caries around restorations in roots. Derand T, et al. **Caries Res** 1984;18(6):348–54

Orthodontic intervention as an aid in restorative dentistry. Coen RF, et al. **Dent Clin North Am** 1985 Apr;29(2):279–91

Special considerations for restorative dentistry in geriatric patients. Epstein S, et al. **Dent Clin North Am** 1985 Apr;29(2):413–9

Restoration of endodontically treated teeth. A conservative approach. Halpern BG. **Dent Clin North Am** 1985 Apr;29(2):293–303

The new generation amalgam alloys. Clinical considerations. Jordan RE, et al. **Dent Clin North Am** 1985 Apr;29(2):341–58

Composite resins. Leinfelder KF. **Dent Clin North Am** 1985 Apr;29(2):359–71

Restorative dentistry and the periodontium. Sachs RI. **Dent Clin North Am** 1985 Apr;29(2):261–78 (39 ref.)

Preparation modifications for damaged vital posterior teeth. Shillingburg HT Jr, et al. **Dent Clin North Am** 1985 Apr;29(2):305–26

Retentive pins. Their use and misuse. Wacker DR, et al. **Dent Clin North Am** 1985 Apr;29(2):327–40 (40 ref.)

Clinical evaluation of a composite resin in primary molars. **J Am Dent Assoc** 1985 May;110(5):768

The hemodynamic and plasma catecholamine responses to routine restorative dental care. Cioffi GA, et al. **J Am Dent Assoc** 1985 Jul;111(1):67–70

Occlusal composite restorations: 4–year results. Houpt M, et al. **J Am Dent Assoc** 1985 Mar;110(3):351–3

In search of treatment longevity—a 30–year perspective. Maryniuk GA. **J Am Dent Assoc** 1984 Nov;109(5):739–44 (41 ref.)

Characteristics of amalgam restorations with variable clinical appearance. Port RM, et al. **J Am Dent Assoc** 1985 Apr;110(4):491–5

Two–year clinical evaluation of light–cured composite resin restorations in primary molars. Tonn EM, et al. **J Am Dent Assoc** 1985 Jul;111(1):44–8

Immediate–polished and as–carved Tytin restorations after three years. Smales RJ, et al. **J Dent** 1985 Jun;13(2):79–83

The value of an assessment system in a preclinical amalgam exercise. Wiegman JE, et al. **J Dent Educ** 1985 May;49(5):312–5

Clinical evaluation methods for posterior composite restorations. Goldberg AJ, et al. **J Dent Res** 1984 Dec;63(12):1387–91

The value of dental restorations in post–mortem identification. Eastwood BA, et al. **J Forensic Sci Soc** 1984 Nov–Dec;24(6):569–76

A study for discoloration of esthetic restorative materials. (1). Elementary analyses of the materials. Sugawara A. **J Nihon Univ Sch Dent** 1985 Mar;27(1):13–9

Age estimation from dental attrition and state of dental treatment—by application of the theory of quantification type I. Takei T. **J Nihon Univ Sch Dent** 1984 Jun;26(2):119–32

Backscatter radiation from restorative materials during cobalt 60 therapy. Dodd DT, et al. **J Oral Med** 1985 Apr–Jun;40(2):72–5, 100

In vivo evaluation of occlusal wear of two experimental composites versus amalgam. Hirt T, et al. **J Oral Rehabil** 1984 Nov;11(6):511–20

Restoration of missing or misplaced canines. Bower CF, et al. **J Prosthet Dent** 1985 Jun;53(6):772–5

Comparison of four thermocycling techniques. Crim GA, et al. **J Prosthet Dent** 1985 Jan;53(1):50–3

Removal of overhanging amalgam: a comparative study of three instruments. Givens EG, et al. **J Prosthet Dent** 1984 Dec;52(6):815–20

Effect of restoration quality on periodontal health. Grasso JE, et al. **J Prosthet Dent** 1985 Jan;53(1):14–9

An optimal concentration of phosphoric acid as an etching agent. Part II: Microleakage studies. Gross JD, et al. **J Prosthet Dent** 1984 Dec;52(6):786–9

Marginal leakage of visible light–cured composite resin restorations. Hembree JH Jr, et al. **J Prosthet Dent** 1984 Dec;52(6):790–3

Use of composite resin for restorative and orthodontic correction of anterior interdental spacing. Heymann HO, et al. **J Prosthet Dent** 1985 Jun;53(6):766–71

Microleakage of composite resin restorations with cementum margins. Phair CB, et al. **J Prosthet Dent** 1985 Mar;53(3):361–4

Effect of etching and bonding on recurrent caries in teeth restored with composite resin. Staninec M, et al. **J Prosthet Dent** 1985 Apr;53(4):521–5

Freedom of choice for restorative dentistry with or without anesthesia. Taub HA, et al. **J Prosthet Dent** 1985 Jul;54(1):15–8

Dental radiographic and restorative experience in a group of Dunedin adolescents, 1977–81. Stokes AN, et al. **NZ Dent J** 1985 Jan;81(363):26–8

Backscattering from dental restorations and splint materials during therapeutic radiation. Farman AG, et al. **Radiology** 1985 Aug;156(2):523–6

Direct and indirect registration of currents between dental metallic restorations in the oral cavity. Johansson B, et al. **Scand J Dent Res** 1984 Oct;92(5):476–9

Electrochemical potentials of amalgam restorations in vivo. Nilner K, et al. **Scand J Dent Res** 1985 Aug;93(4):357–9

Marginal adaptation of composite restorations performed in vivo with different acid–etch restorative procedures. Qvist V. **Scand J Dent Res** 1985 Feb;93(1):68–75

Two–year assessment of anterior resin restorations inserted with two acid–etch restorative procedures. Qvist V, et al. **Scand J Dent Res** 1985 Aug;93(4):343–50

Effect of ethanol and NPG–GMA on replica patterns on composite restorations performed in vivo in acid–etched cavities. Qvist V, et al. **Scand J Dent Res** 1985 Aug;93(4):371–6

[Ultrastructure of hyperpigmented gingiva due to metallic deposits from dental restorations] Blanchard JP, et al. **J Biol Buccale** 1985 Mar;13(1):37–44 (Eng. Abstr.) (Fre)

[Dental composites in the premolar and molar region, 1984] Vanherle G. **Rev Belge Med Dent** 1985 Jan–Feb;40(1):26–7 (Fre)

[Desiccation of composite fillings for scanning electron microscopic studies—a methodological study] Roulet JF, et al. **Schweiz Monatsschr Zahnmed** 1984 Oct;94(10):1049–60 (Eng. Abstr.) (Fre)

[Scanning electron microscopic studies of rubber–polished amalgam fillings] Geurtsen W. **Dtsch Zahnarztl Z** 1984 Jul;39(7):529–31 (Ger)

[What filling materials are justifiable in the gingival area?] Riethe P. **Dtsch Zahnarztl Z** 1984 Aug;39(8):589–98 (Eng. Abstr.) (Ger)

[P–10, a useful composite for the lateral teeth?] Schmid H, et al. **Schweiz Monatsschr Zahnmed** 1985 Jun;95(6):482–92 (Eng. Abstr.) (Ger)

[Results of physical studies of Isosite filling materials] Welker D, et al. **Zahn Mund Kieferheilkd** 1985;73(2):137–47 (Eng. Abstr.) (Ger)

[The margin of the prosthetic restoration] Dana F, et al. **Minerva Stomatol** 1985 May–Jun;34(3):543–53 (121 ref.) (Eng. Abstr.) (Ita)

[Composite fillings. New dental adhesives] Nonato M. **Minerva Stomatol** 1985 Jan–Feb;34(1):1–4 (Ita)

[Comparative characteristics of the adhesiveness of filling materials based on scanning electron microscopic data] Doinikov AI, et al. **Stomatologiia (Mosk)** 1985 Jan–Feb;64(1):9–10 (Eng. Abstr.) (Rus)

[A new composite filling material, epaktril] Karal'nik DM, et al. **Stomatologiia (Mosk)** 1985 Mar–Apr;64(2):85–7 (Rus)

[Esthetic properties of composite filling materials] Voropaeva LV, et al. **Stomatologiia (Mosk)** 1985 Mar–Apr;64(2):77–8 (Rus)

[Use of single–component composite materials polymerized by halogen light] Todorović S, et al. **Vojnosanit Pregl** 1984 Nov–Dec;41(6):488–91 (Scr)

[Clinical evaluation of the restoration of traumatic defects of the incisal and middle third of the crown of the front teeth using light–polymerized Heliosite] Todorović S, et al. **Zb Vojnomed Akad** 1983;25:53–7 (Eng. Abstr.) (Scr)

ADVERSE EFFECTS

Transferrin reactivity in oral mucosa adjacent to different dental restorations. Syrjänen S, et al. **Acta Odontol Scand** 1984 Dec;42(6):321–5

INSTRUMENTATION

Comparison study of visible curing lights and hardness of light–cured restorative materials. Friedman J, et al. **J Prosthet Dent** 1984 Oct;52(4):504–6

Preventing proximal gingival overhangs in newly condensed amalgams. Marshall TD, et al. **J Prosthet Dent** 1985 Feb;53(2):288

METHODS

The use of adhesive materials in the conservative restoration of selected posterior teeth. Knight GM. **Aust Dent J** 1984 Oct;29(5):324–31

Management of early dental caries in fissures with fissure sealant [letter] Paterson RC, et al. **Br Dent J** 1985 May 25;158(10):356–7

Variation in radiographic interpretation and restorative treatment decisions on approximal caries among dentists in Norway. Espelid I, et al. **Community Dent Oral Epidemiol** 1985 Feb;13(1):26–9

The endodontically treated tooth. Restorative concepts and techniques. Trabert KC, et al. **Dent Clin North Am** 1984 Oct;28(4):923–51

Effect of finishing on color and gloss of composites with different fillers. Stanford WB, et al. **J Am Dent Assoc** 1985 Feb;110(2):211–3

A comparison of methods for contouring the occlusal surfaces of posterior composite restorations. Rukmo M, et al. **J Dent** 1985 Jun;13(2):109–22

Marginal leakage of several acid–etch composite resin restorative systems. Amsberry W, et al. **J Prosthet Dent** 1984 Nov;52(5):647–53

Restoration of Class IV and VI defects in anterior teeth with an unfilled resin. Armstrong SR 3d. **J Prosthet Dent** 1985 Jan;53(1):9–12

Custom–matrix technique for composite resin restoration of diastemas. Chen DT, et al. **J Prosthet Dent** 1985 Jan;53(1):6–9

Survey of patient attitudes toward current esthetic procedures. Goldstein RE, et al. **J Prosthet Dent** 1984 Dec;52(6):775–80

Quantitative evaluation of proximal tooth movement effected by wedging: a pilot study. Hellie CM, et al. **J Prosthet Dent** 1985 Mar;53(3):335–41

Microleakage of microfilled composite resin restorations with different cavosurface designs. Hembree JH Jr. **J Prosthet Dent** 1984 Nov;52(5):653–6

The role of dental floss in restorative dentistry. Samant A, et al. **J Prosthet Dent** 1985 Apr;53(4):597

Restorative dentistry with general anesthesia. A safe, effective office procedure. Adelson JJ. **NY State Dent J** 1984 Aug–Sep;50(7):433–5

Composite–resin restorations of the incisal edges of anterior teeth: an assessment after 8–9 years. Beere JD, et al. **NZ Dent J** 1984 Jul;80(361):72–4

Replica patterns on composite restorations performed in vivo with different acid–etch restorative procedures. Qvist V, et al. **Scand J Dent Res** 1985 Aug;93(4):360–70

[Improvement of the tooth cavity shape for amalgam filling] Chen WQ. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar;19(1):46–7 (Chi)

[Conservative prosthetics of residual roots or residual crowns of back teeth] Yang SJ. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):98–9, 127 (Eng. Abstr.) (Chi)

[Use of bonded facings] Roth F, et al. **Rev Odontostomatol (Paris)** 1984 May–Jun;13(3):166–70 (Fre)

[Bonding in restorative dentistry] Rozet JF, et al. **Rev Odontostomatol (Paris)** 1984 May–Jun;13(3):161–5 (Fre)

[Long–term clinical follow–up of the pulp of teeth filled with adhesive composites using 3 technics for pulp and dentin protection] Burnand C, et al. **Schweiz Monatsschr Zahnmed** 1984 Sep;94(9):771–84 (Eng. Abstr.) (Fre)

[Composite fillings—the 1 X 1 of finishing] Krejci I, et al. **Schweiz Monatsschr Zahnmed** 1984 Oct;94(10):1015–28 (Eng. Abstr.) (Ger)

[Adhesive restoration—flop or hit?] Lutz F, et al. **Schweiz Monatsschr Zahnmed** 1984 Nov;94(11):1124–31 (Eng. Abstr.) (Ger)

[Clinical experience with the restoration of the incisor angle]

Kéri I, et al. **Fogorv Sz** 1985 Mar;78(3):80-2 (Eng. Abstr.) (Hun)

[Approximal surfaces of class II amalgam fillings] Keszthelyi G. **Fogorv Sz** 1985 Mar;78(3):83-9 (Eng. Abstr.) (Hun)

[Permeability to bacterial flora in restorations done with composite materials and the use of a new dentin adhesive] Nonato M, et al. **Minerva Stomatol** 1984 Jul-Aug; 33(4):683-8 (Eng. Abstr.) (Ita)

STANDARDS

[Microbiological corrosion of composite filling materials] Orsós M, et al. **Fogorv Sz** 1985 Jun;78(6):176-9 (Eng. Abstr.) (Hun)

[Ultrastructure of the surface of the margin between a composite resin and dentin] Szabó J, et al. **Fogorv Sz** 1985 May;78(5):147-51 (Hun)

[Wearing-cut of composite resins for molar] Horie K, et al. **Kokubyo Gakkai Zasshi** 1984 Sep;51(3):611 (Jpn)

TRENDS

[Criteria for choosing an amalgam in 1983] Elbaum R. **Rev Odontostomatol (Paris)** 1984 May-Jun;13(3):191-7 (Eng. Abstr.) (Fre)

DENTAL RESTORATION, TEMPORARY

see related
ACRYLIC RESINS
DENTAL MATERIALS

Restorative dentistry for children [letter] Hartenstein GJ. **Aust Dent J** 1985 Feb;30(1):60

METHODS

Intermediate restorative material: a clean and simple mixing technique with predictable results. Marchant WE. **J Prosthet Dent** 1984 Nov;52(5):764

Pin-retained reinforced zinc oxide-eugenol temporary restorations. Porter KH, et al. **J Prosthet Dent** 1985 Jan; 53(1):141

DENTAL SAC see under **TOOTH GERM**

DENTAL SEALANTS see **PIT AND FISSURE SEALANTS**

DENTAL SERVICE, HOSPITAL

see related
DENTAL FACILITIES

Quality assurance in hospital dental practice. Butler RJ. **Aust Dent J** 1984 Aug;29(4):257-9

An investigation of dental injuries treated in an acute care general hospital. Galea H. **J Am Dent Assoc** 1984 Sep; 109(3):434-8

History and physical examination by oral and maxillofacial surgeons: the development of a physical assessment course. Keen R, et al. **J Am Dent Assoc** 1985 Jan;110(1):64-6

The Dental Ambulatory Care Program at Mt. Sinai Hospital. Cohen CI. **NY J Dent** 1985 Apr-May;55(4):149-50

ECONOMICS

Influence of payor mix on hospital dental practice. Salley JJ, et al. **J Dent Educ** 1984 Nov;48(11):627-33

ORGANIZATION & ADMINISTRATION

Administrative considerations for a hospital-based dental clinic for the handicapped. Healey-Sedutto M. **NY State Dent J** 1985 Jun-Jul;51(6):347-9

TRENDS

Hospital dental statistics: an update. Council on Hospital and Institutional Dental Services. **J Am Dent Assoc** 1985 Feb; 110(2):241-3

DENTAL STAFF

Recommendations in dental mercury hygiene, 1984. Council on Dental Materials, Instruments, and Equipment. **J Am Dent Assoc** 1984 Oct;109(4):617-9

DENTAL STAFF, HOSPITAL

Experience with full-dose hepatitis B vaccine in Wellington Hospital staff. Humble MW, et al. **NZ Med J** 1985 Jun 26;98(781):479-81

DENTAL STONE, ARTIFICIAL see **CALCIUM SULFATE**

DENTAL STRESS ANALYSIS

On functional strain in fixed mandibular reconstructions. I. An in vitro study. Glantz PO, et al. **Acta Odontol Scand** 1984 Aug;42(4):241-9

The shear strength between bone and porous ceramic root implants in the guinea pig incisor socket. Atkinson PJ, et al. **Biomaterials** 1985 Mar;6(2):75-81

Compressive stress relaxation measurements of selected dental restorative composites. Duncanson MG Jr, et al. **J Biomech** 1984;17(7):533-5

Convenient use of pressure indicating paste. Kirk GA. **J Prosthet Dent** 1985 Feb;53(2):288

Evaluation of load transmission by removable partial dentures. Pezzoli M, et al. **Panminerva Med** 1984 Apr-Jun; 26(2):83-6

[Experimental studies of the dependence of the load capacity of metal-ceramic composite hollow cylinders on thermal stress distribution] Lenz J, et al. **Dtsch Zahnarztl Z** 1984 Jul;39(7):535-43 (Eng. Abstr.) (Ger)

METHODS

[Assessment of the transmission of prosthetic loads by reflexion photoelasticity] Pezzoli M, et al. **Minerva Stomatol** 1985 Jan-Feb;34(1):31-8 (Ita)

[Comparative test of different types of removable dentures by means of photoelastic reflection] Pezzoli M, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):369-79 (Eng. Abstr.) (Ita)

DENTAL TECHNICIANS

Illegal practice of dentistry [letter] **Br Dent J** 1985 Mar 9; 158(5):157

Denturism. Bates J. **Br Dent J** 1985 Mar 9;158(5):159-60

Guidelines for infection control in the dental office and the commercial dental laboratory. Council on Dental Therapeutics. Council on Prosthetic Services and Dental Laboratory Relations. **J Am Dent Assoc** 1985 Jun; 110(6):969-72

Lung disease in dental laboratory technicians [editorial] **Lancet** 1985 May 25;1(8439):1200-1

Morphology and pathogenesis of pneumoconiosis in dental technicians. Morgenroth K, et al. **Pathol Res Pract** 1985 Mar;179(4-5):528-36

Dentists and special dental technicians in the supply of complete denture services in Finland. Tuominen R. **Proc Finn Dent Soc** 1984;80(3):131-5

[The patient-dentist-dental technician relationship in light of EDP accounting] Boitel RH. **Schweiz Monatsschr Zahnmed** 1984 Nov;94(11):1170-1 (Ger)

[Experience with organizational and methodological work among dental technicians] Lipovetskiĭ IaM. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):76-7 (Rus)

EDUCATION

Discussion paper from the Dental Technicians Education and Training Advisory Group. **Br Dent J** 1985 Mar 9; 158(5):179-80

STANDARDS

[Experience with organizational and methodological work among dental technicians] Lipovetskiĭ IaM. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):76-7 (Rus)

[Dental technician contest for Best in the Profession] Nazarov GI, et al. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):64-6 (Eng. Abstr.) (Rus)

DENTAL VENEERS

Veneering of teeth. State of the art. Christensen GJ. **Dent Clin North Am** 1985 Apr;29(2):373-91

Status report on enamel bonding of composite, preformed laminate, and laboratory fabricated resin veneers. Council on Dental Materials, Instruments, and Equipment. **J Am Dent Assoc** 1984 Nov;109(5):762-4

The bond strength of composite laminate veneers. Walls AW, et al. **J Dent Res** 1985 Oct;64(10):1261-4

Surface resistance to abrasion of preformed laminate resin veneers. Cannon ML, et al. **J Prosthet Dent** 1984 Sep; 52(3):323-30

Atraumatic removal of porcelain veneer crowns after interim cementation. Chiche GJ, et al. **J Prosthet Dent** 1985 Feb; 53(2):164-5

Margin placement of esthetic veneer crowns. Part IV: Postoperative patient attitudes. Crispin BJ, et al. **J Prosthet Dent** 1985 Feb;53(2):165-7

Effect of complete veneer crowns on the compressive strength of endodontically treated posterior teeth. Gelfand M, et al. **J Prosthet Dent** 1984 Nov;52(5):635-8

Abrasion resistance of three types of esthetic veneering materials. Staffanou RS, et al. **J Prosthet Dent** 1985 Mar; 53(3):309-10

DENTICLE see **DENTAL PULP CALCIFICATION**

DENTIFRICES

see related
MOUTHWASHES

Abrasivity of dentifrices on anterior restorative materials. Jones PA, et al. **Br Dent J** 1985 Feb 23;158(4):130-3

Fluorides and dental health revisited [editorial] Ogada T. **East Afr Med J** 1984 Apr;61(4):261

In situ fluoride uptake from fluoride dentifrices by carious enamel. Stookey GK, et al. **J Dent Res** 1985 Jun; 64(6):900-3

ADMINISTRATION & DOSAGE

An in vivo investigation of the fluoride uptake in partially demineralized human enamel from several different dentifrices. Reintsema H, et al. **J Dent Res** 1985 Jan; 64(1):19-23

Effect of one or three applications of amine fluoride gel on the in vitro fluoride concentration of human enamel. Sener-Zanola B, et al. **Schweiz Monatsschr Zahnmed** 1984 Sep;94(9):871-7

ADVERSE EFFECTS

Toothpaste formulation [letter] **Br Dent J** 1984 Aug 11; 157(3):84-5

Influence of tooth paste particle size and tooth brush stiffness on dentine abrasion in vitro. De Boer P, et al. **Caries Res** 1985;19(3):232-9

Sodium fluoride as an oral carcinogen [letter] Sutton PR. **NZ Med J** 1985 Mar 27;98(775):207

ANALYSIS

[Infrared spectrophotometry and atomic absorption spectroscopic analysis of solutions of different detergents for dentures and orthodontic appliances] Luda di Cortemiglia MP, et al. **Minerva Stomatol** 1985 Mar-Apr; 34(2):299-305 (Eng. Abstr.) (Ita)

PHARMACODYNAMICS

The relationship between anticaries activity of monofluorophosphate dentifrices and their performances in laboratory tests. Duke SA, et al. **Caries Res** 1985; 19(3):284-8

Dentin permeability. Effects of desensitizing dentifrices in vitro. Pashley DH, et al. **J Periodontol** 1984 Sep;55(9):522-5

Denture cleansers and in vitro plaque. Sharp EW, et al. **J Prosthet Dent** 1985 Apr;53(4):584-5

[Detergents for dental waxes: an evaluation based on experimental data] Scotti R, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):287-9 (Eng. Abstr.) (Ita)

POISONING

Severe oesophageal injury caused by Steradent. Barclay GR, et al. **Postgrad Med J** 1985 Apr;61(714):335-6

STANDARDS

The ADA's acceptance program: how it works and what it does. **Am Pharm** 1985 Feb;NS25(2):44-6

Acceptance of Sensodyne toothpaste for sensitive teeth. Council on Dental Therapeutics. **J Am Dent Assoc** 1985 Mar;110(3):394-5

Guidelines for the acceptance of fluoride-containing dentifrices. Council on Dental Therapeutics. **J Am Dent Assoc** 1985 Apr;110(4):545-7

THERAPEUTIC USE

Treatment of recurrent aphthous ulcers with Aureomycin mouth rinse or Zendium dentifrice. Henricsson V, et al. **Acta Odontol Scand** 1985 Mar;43(1):47-52

Removal of plaque and stain from natural teeth by a low abrasivity toothpaste. Lamb DJ, et al. **Br Dent J** 1984 Aug 25;157(4):125-7

'Low blows' in television advertising? [letter] Oler C. **Can Dent Assoc J** 1985 Jul;51(7):482

Clinical methods for determining dentifrice-cleaning ability. American Dental Association Health Foundation Research Institute. **J Am Dent Assoc** 1984 Nov;109(5):759-62

The effect of soluble pyrophosphates on dental calculus in adults. Zacherl WA, et al. **J Am Dent Assoc** 1985 May; 110(5):737-8

Plaque growth-inhibiting effects of an abrasive fluoride-chlorhexidine toothpaste and a fluoride toothpaste containing oxidative enzymes. Etemadzadeh H, et al. **J Clin Periodontol** 1985 Aug;12(7):607-16

Inhibition of root surface caries in rice rats: use of a sodium fluoride dentifrice. Rosen S, et al. **J Dent Res** 1985 Jun; 64(6):904-5

The effectiveness of a fluoride varnish and a desensitizing toothpaste in treating dentinal hypersensitivity. Clark DC, et al. **J Periodont Res** 1985 Mar;20(2):212-9

Clinical evaluation of the effectiveness of three dentifrices in relieving dentin sensitivity. Collins JF, et al. **J Periodontol** 1984 Dec;55(12):720-5

Effectiveness of a dentifrice containing formalin and sodium monofluorophosphate on dental hypersensitivity. McFall WT Jr, et al. **J Periodontol** 1985 May;56(5):288-92

In vitro fluoride uptake by human enamel after brushing with an amine fluoride gel and subsequent loss of fluoride by water-washing. Barbakow F, et al. **Schweiz Monatsschr Zahnmed** 1984 Dec;94(12):1275-83

[Fluoride-containing dentifrices] da Cruz JP. **Rev Port Estomatol Cir Maxilofac** 1984 Jan-Mar; 25(1):679-91 (Por)

DENTIGEROUS CYST

CONGENITAL

[Palpebral cyst with dental inclusion] George JL, et al. **Bull Soc Ophtalmol Fr** 1983 Dec;83(12):1437-42 (Eng. Abstr.) (Fre)

METABOLISM

Prostaglandin synthesis in dental cysts. Matejka M, et al. **Br J Oral Maxillofac Surg** 1985 Jun;23(3):190-4

Evidence that PGI2-generation in human dental cysts is stimulated by leucotrienes C4 and D4. Matejka M, et al. **J Maxillofac Surg** 1985 Apr;13(2):93-6

PATHOLOGY

Occurrence of multiple dentigerous cysts in a patient with the Maroteaux-Lamy syndrome (mucopolysaccharidosis, type VI). Roberts MW, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug;58(2):169-75

[Voluminous dentigerous cyst of the mandible] Ammar-Khodja A. **Rev Laryngol Otol Rhinol (Bord)** 1984; 105(3):313-4 (Eng. Abstr.) (Fre)

PHYSIOPATHOLOGY

Clinical perspectives on premature tooth eruption and cyst formation in neonates. Cohen RL. **Pediatr Dermatol** 1984 Apr;1(4):301-6 (24 ref.)

RADIOGRAPHY

A well-defined coronal radiolucent area involving an impacted third molar. Craig RM, et al. **J Am Dent Assoc** 1984 Oct;109(4):612-3

[Extensive follicular cyst of the mandible (case report)] Borbély L, et al. **Fogorv Sz** 1985 Aug;78(8):242-4 (Hun)

SURGERY

[Follicular cysts: technical details for the preservation and functional recovery of the intracystic teeth] Bucci E, et al. **Minerva Stomatol** 1985 May-Jun;34(3):469-73 (Eng. Abstr.) (Ita)

DENTIN

see related
ODONTOBLASTS

Bonding of restorative resins to dentine promoted by aqueous mixtures of aldehydes and active monomers. Asmussen E, et al. **Int Dent J** 1985 Jun;35(2):160-5

Bonding of restorative materials to dentine: the present status in the United States. Bowen RL. **Int Dent J** 1985 Jun; 35(2):155-9

Bonding of restorative materials to dentine: the present status in Japan. Nakabayashi N. **Int Dent J** 1985 Jun;35(2):145-54

Bonding of restorative materials to dentine: the present status in the Federal Republic of Germany. Nolden R. **Int Dent J** 1985 Jun;35(2):166-72

Bonding of restorative materials to dentine. Stanford JW. **Int Dent J** 1985 Jun;35(2):133-8

A comparison of the effectiveness of dentine bonding agents. Stanford JW, et al. **Int Dent J** 1985 Jun;35(2):139-44

Traumatic fracture—one-visit endodontic treatment and dentinal bonding reattachment of coronal fragment: report of case. Ludlow JB, et al. **J Am Dent Assoc** 1985 Mar; 110(3):341-3

Dentin-polymer bond in resin fillings tested in vitro by thermo- and load-cycling. Munksgaard EC, et al. **J Dent Res** 1985 Feb;64(2):144-6

Tensile bond strengths of restorative composite materials to etched human dentin. Munechika T, et al. **J Nihon Univ Sch Dent** 1984 Dec;26(4):291-4

Inhibition of bacterial growth by tetracycline-impregnated enamel and dentin. Bjorvatn K, et al. **Scand J Dent Res** 1984 Dec;92(6):508-16

Tetracycline-impregnated enamel and dentin: duration of antimicrobial capacity. Bjorvatn K, et al. **Scand J Dent Res** 1985 Jun;93(3):192-7

Comparative study of dentin adhesives. Hansen EK, et al. **Scand J Dent Res** 1985 Jun;93(3):280-7

Composite wall-to-wall polymerization contraction in dentin cavities treated with various bonding agents. Jörgensen KD, et al. **Scand J Dent Res** 1985 Jun;93(3):276-9

Effect of five adhesives on adaptation of resin in dentin cavities. Munksgaard EC, et al. **Scand J Dent Res** 1984 Dec;92(6):544-8

Effect of combining dentin bonding agents. Munksgaard EC, et al. **Scand J Dent Res** 1985 Aug;93(4):377-80

[Structure and biological significance of tooth proteins] Pechová L, et al. **Cesk Fysiol** 1984;33(6):536-57 (Cze)

ANALYSIS

Chemical nature of collagen in the placoid-scale dentine of the blue shark, Prionace glauca L. Kawaguchi T. **Arch Oral Biol** 1985;30(5):385-90

An in vitro study of zinc in dentine beneath cavities filled with two dental cements. Browne RM, et al. **Biomaterials** 1985 Jan;6(1):41-4

Ultrastructural distribution of acidic glycosaminoglycans associated with matrix vesicle-mediated calcification in mouse progenitor predentine. Kogaya Y, et al. **Calcif Tissue Int** 1985 Jan;37(1):36-41

Matrix macromolecules of bone and dentin. Butler WT. **Coll Relat Res** 1984 Aug;4(4):297-307

Collagen cross-links: location of pyridinoline in type I collagen. Light N, et al. **FEBS Lett** 1985 Mar 25; 182(2):503-8

The extracellular matrix of the dental pulp and dentin. Linde A. **J Dent Res** 1985 Apr;64 Spec No:523-9

Analysis of dental hard tissue by computerized microdensitometry. Mallon DE, et al. **J Dent Res** 1985 Feb;64(2):112-6

Ruthenium hexammine trichloride-positive materials in developing mouse molar predentine and intercellular spaces between preodontoblasts. Furuhashi K, et al. **J Electron Microsc (Tokyo)** 1984;33(4):384-7

An investigation of yellow fluorescent lines observed in human dentinal hard tissues. Kosugi K. **Okajimas Folia Anat Jpn** 1984 May;61(1):69-81

Visualization of human predentin and hypomineralized areas of dentin by silver methenamine staining. Sögaard-Pedersen B. **Scand J Dent Res** 1985 Apr; 93(2):139-44

Electron probe study of human and red deer cementum and root dentin. Tötdal B, et al. **Scand J Dent Res** 1985 Feb; 93(1):4-12

[Hardness tests on the enamel, dentin and cementum of historic and prehistoric human teeth] Schemel W, et al. **Schweiz Monatsschr Zahnmed** 1985 Jan;95(1):31-40 (Eng. Abstr.) (Ger)

ANATOMY & HISTOLOGY

Morphology of dentin surfaces in prepared cavities. Friskopp J, et al. **ASDC J Dent Child** 1985 May-Jun;52(3):177-82

Inhibition of marginal leakage with a dentin bonding agent. Dumsha T, et al. **J Dent Res** 1984 Oct;63(10):1255-7

Fracture properties of human teeth in proximity to the dentinoenamel junction. Rasmussen ST. **J Dent Res** 1984 Nov;63(11):1279-83

Tensile bond strengths of restorative composite materials to human dentin. Munechika T, et al. **J Nihon Univ Sch Dent** 1984 Sep;26(3):243-5

Adaptation of a prefabricated post to dentin. Deutsch AS, et al. **J Prosthet Dent** 1985 Feb;53(2):182-4

Morphology and permeability of the dentinal smear layer. Dippel HW, et al. **J Prosthet Dent** 1984 Nov;52(5):657-62

Resistance to root fracture of dowel channels with various thicknesses of buccal dentin walls. Tjan AH, et al. **J Prosthet Dent** 1985 Apr;53(4):496-500

A procedure for splitting human teeth to obtain intact pulp tissue, enamel and dentin. Rapp R. **Stain Technol** 1985 Jan; 60(1):39-43

[Changes in the transparency of dentin: computerized densitometric analysis] Ricco R, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2215-21 (Eng. Abstr.) (Ita)

DRUG EFFECTS

Short-term effects of fluoride on biosynthesis of enamel-matrix proteins and dentine collagens and on mineralization during hamster tooth-germ development in organ culture. Bronckers AL, et al. **Arch Oral Biol** 1985; 30(2):181-91

The effect of topically applied fluorides on the surface free energy of human dentin. de Jong HP, et al. **J Periodont Res** 1984 Sep;19(5):540-4

Effect of citric acid pretreatment on dentinal cavity walls. McInnes-Ledoux P, et al. **J Prosthet Dent** 1984 Sep; 52(3):353-8

The hardness of bovine dentine after glutaraldehyde treatment. Wemes JC, et al. **Oral Surg Oral Med Oral Pathol** 1984 Dec;58(6):722-4

Formaldehyde as bonding agent between dentin and restorative resins. Asmussen E, et al. **Scand J Dent Res** 1984 Oct;92(5):480-3

[Scanning electron and transmission electron microscopy studies of the effects of a solution of trichloroacetic acid on human radicular dentin] Heritier M. **Bull Group Int Rech Sci Stomatol Odontol** 1984 Oct; 27(4):257-68 (Eng. Abstr.) (Fre)

[Long-term clinical follow-up of the pulp of teeth filled with adhesive composites using 3 technics for pulp and dentin protection] Burnand C, et al. **Schweiz Monatsschr Zahnmed** 1984 Sep;94(9):771-84 (Eng. Abstr.) (Fre)

[Animal experiments on the reaction of dental hard substance to corticoids] Radtke G, et al. **Padiatr Grenzgeb** 1985; 24(2):167-74 (Eng. Abstr.) (Ger)

[Animal experimental and clinical studies of the caries activity and progression in hard dental tissues containing tetracycline. 2. The clinical studies] Radtke G, et al. **Zahn Mund Kieferheilkd** 1984;72(5):420-4 (Eng. Abstr.) (Ger)

[Effect of selenium on the microhardness of incisors in rats kept on normal and protein-deficient diets] Tóth P, et al. **Fogorv Sz** 1985 Jun;78(6):184-7 (Eng. Abstr.) (Hun)

[Pulpal and dentinal responses to glass ionomer cement] Miani C, et al. **Minerva Stomatol** 1984 Jul-Aug; 33(4):677-81 (Eng. Abstr.) (Ita)

ENZYMOLOGY

Collagenase in mineralized tissues of human teeth. Dumas J, et al. **FEBS Lett** 1985 Jul 22;187(1):51-5

GROWTH & DEVELOPMENT

Cell sizes and apposition of dental hard tissues in rats. Lange A, et al. **Acta Odontol Scand** 1984 Aug;42(4):215-23

INJURIES

[Cytological changes in the pulp-dentin system following injury due to cavity preparation and the application of phosphate cement] Rutsatz K, et al. **Zahn Mund Kieferheilkd** 1985;73(2):123-31 (Eng. Abstr.) (Ger)

INNERVATION

Dentin sensitivity: a review. Närhi MV. **J Biol Buccale** 1985 Jun;13(2):75-96

The role of local factors in dentin and pulp in intradental pain mechanisms. Olgart LM. **J Dent Res** 1985 Apr;64 Spec No:572-8

Dentinal innervation of impacted human third molars. Lilja J, et al. **Scand J Dent Res** 1984 Dec;92(6):485-8

METABOLISM

Interaction of vitamin A deficiency and excess fluoride in calcification of rat bones and teeth. Harris SS, et al. **Acta Vitaminol Enzymol** 1984;6(3):201-9

An autoradiographic study of the in-vivo incorporation of [3H]-palmitic acid into the dentine and enamel lipids of rat incisors, with a comparison of rapid-freezing freeze-substitution fixation and aldehyde fixation. Goldberg M, et al. **Arch Oral Biol** 1984;29(9):691-5

The movement of radioactive molecules across dentine in vivo in the dog. Potts TV, et al. **Arch Oral Biol** 1985; 30(4):353-7

Proteolytic activity of rabbit incisor dentine. Smith AJ, et al. **Arch Oral Biol** 1984;29(12):1049-50

The biosynthesis of dentin phosphophoryns by rat incisor odontoblasts in organ culture. DiMuzio MT, et al. **Calcif Tissue Int** 1985 May;37(3):242-9

In vivo decomposition of phosphoserine and serine in noncollagenous protein from human dentin. Masters PM. **Calcif Tissue Int** 1985 May;37(3):236-41

Fluoride uptake by dentin surfaces following topical application of TiF4, NaF and fluoride varnishes in vivo. Tveit AB, et al. **Caries Res** 1985;19(3):240-7

Dentino-pulpal collagen and the incorporation of 3H-proline by sound and carious human teeth in vitro. Karjalainen S, et al. **J Biol Buccale** 1984 Dec;12(4):309-16

Appearance of dentin gamma-carboxyglutamic acid-containing proteins in developing rat molars in vitro. Finkelman RD, et al. **J Dent Res** 1985 Jul;64(7):1008-15

Dentine hypersensitivity. A quantitative comparison of the uptake of metal salts and fluoride by dentine and hydroxyapatite. Dowell P, et al. **J Periodont Res** 1984 Sep; 19(5):530-9

MICROBIOLOGY

Deep bacterial penetration of early proximal caries lesions in young human premolars. Mejàre I, et al. **ASDC J Dent Child** 1985 Mar-Apr;52(2):103-7

Predominant obligate anaerobes in human carious dentin. Hoshino E. **J Dent Res** 1985 Oct;64(10):1195-8

Bacteriologic study of a basic fuchsin caries-disclosing dye. Anderson MH, et al. **J Prosthet Dent** 1985 Jul;54(1):51-5

PATHOLOGY

Influence of tooth paste particle size and tooth brush stiffness on dentine abrasion in vitro. De Boer P, et al. **Caries Res** 1985;19(3):232-9

Root resorption leading to linkage of dentinal collagen and gingival fibers? A case report. Stahl SS, et al. **J Clin Periodontol** 1985 May;12(5):399-404

A model for producing caries-like lesions in enamel and dentin using oral bacteria in vitro. Clarkson BH, et al. **J Dent Res** 1984 Oct;63(10):1186-9

A comparison of digital and optical criteria for detecting carious dentin. Anderson MH, et al. **J Prosthet Dent** 1985 May;53(5):643-6

Histomorphological findings in dentine in nonlethal Osteogenesis imperfecta. Lukinmaa PL, et al. **Proc Finn Dent Soc** 1985;81(2):98-103

[Methods for measuring translucent dentin] da Cunha AS, et al. **Rev Port Estomatol Cir Maxilofac** 1984 Apr-Jun; 25(2):729-44 (Eng. Abstr.) (Por)

PHYSIOLOGY

Monocyte-enriched cells on calcified tissues. Ali NN, et al. **Anat Embryol (Berl)** 1984;170(2):169-75

The biology of dentin and pulp. Proceedings of an international workshop. Charlotte, North Carolina, June 10-13, 1984. **J Dent Res** 1985 Apr;64 Spec No:481-633

The biology of dentin and pulp. Consensus report. Bergenholtz G, et al. **J Dent Res** 1985 Apr;64 Spec No:631-3

[Hardness tests on the enamel, dentin and cementum of living human teeth] Schemel W, et al. **Schweiz Monatsschr Zahnmed** 1984 Oct;94(10):1029-41 (Eng. Abstr.) (Ger)

ULTRASTRUCTURE

Chemical and morphological studies of the acquired pellicle formed subgingivally on dentin in vivo. Abbas DK, et al. **Acta Odontol Scand** 1985 Mar;43(1):31-7

A combined scanning electron microscopy and immunofluorescence study demonstrating that the odontoblast process extends to the dentinoenamel junction in human teeth. Sigal MJ, et al. **Anat Rec** 1984 Nov; 210(3):453-62

Scanning electron microscopic observations of casts of human dentinal tubules along the interface between primary and secondary dentine. Wang YN, et al. **Anat Rec** 1985 Feb;211(2):149–55

Inter-odontoblastic fibres in human dentine observed by scanning electron microscopy. Szabó J, et al. **Arch Oral Biol** 1985;30(2):161–5

The use of glass-ionomer cements in bonding composite resins to dentine. McLean JW, et al. **Br Dent J** 1985 Jun 8;158(11):410–4

Cell processes in dentin tubules during early phases of attachment to demineralized periodontitis-affected surfaces. Polson AM, et al. **J Clin Periodontol** 1985 Feb;12(2):162–9

Dentin-predentin complex and its permeability. Reactor paper. Bawden JW. **J Dent Res** 1985 Apr;64 Spec No:628–30

The competition between the composite-dentin bond strength and the polymerization contraction stress. Davidson CL, et al. **J Dent Res** 1984 Dec;63(12):1396–9

Dentin-predentin complex and its permeability: pathology and treatment overview. Mjör IA. **J Dent Res** 1985 Apr;64 Spec No:621–7

Dentin-predentin complex and its permeability: physiologic overview. Pashley DH. **J Dent Res** 1985 Apr;64 Spec No:613–20

Fracture properties of human enamel and dentin in an aqueous environment. Rasmussen ST, et al. **J Dent Res** 1984 Dec;63(12):1362–8

The dentin-predentin complex and its permeability: anatomical overview. Thomas HF. **J Dent Res** 1985 Apr;64 Spec No:607–12

Cell migration attachment and orientation in vitro are enhanced by partial demineralization of dentine and cementum and inhibited by bacterial endotoxin. Pitaru S, et al. **J Periodont Res** 1984 Nov;19(6):661–5

Scanning electron microscopic studies of root dentin surfaces treated with citric acid, elastase, hyaluronidase, pronase and collagenase. Willey R, et al. **J Periodontol** 1984 Oct;55(10):592–6

Effect of the dentin smeared layer on tensile strength of cemented posts. Goldman M, et al. **J Prosthet Dent** 1984 Oct;52(4):485–8

Cavity varnish and cavity liner appearance on enamel and dentin. Tveit AB, et al. **J Prosthet Dent** 1985 Feb;53(2):199–203

[Adhesion of resin materials to acid etched teeth—a scanning electron microscopy study] Hong FL. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Sep;19(3):175–7 **(Chi)**

[Scanning electron microscopy of the extension of odontoblastic prolongations in dentin canaliculi] Piacentini C, et al. **Bull Group Int Rech Sci Stomatol Odontol** 1984 Jul;27(3):219–31 (Eng. Abstr.) **(Fre)**

[Electron microscopy research on the dentin in recent, historical and prehistoric human teeth] Schemel W, et al. **Schweiz Monatsschr Zahnmed** 1985 May;95(5):401–11 **(Ger)**

[Scanning electron microscopic study of the in vivo solubility of the smear layer] Szabó J, et al. **Zahn Mund Kieferheilkd** 1984;72(8):790–4 (Eng. Abstr.) **(Ger)**

[Scanning electron microscopic examination of the sheath of Neumann] Szabó J, et al. **Fogorv Sz** 1985 May;78(5):143–6 **(Hun)**

[Ultrastructure of the surface of the margin between a composite resin and dentin] Szabó J, et al. **Fogorv Sz** 1985 May;78(5):147–51 **(Hun)**

[Interpenetration of monomers into dentin and their adhesion] Nakabayashi N. **Kokubyo Gakkai Zasshi** 1984 Jun;51(2):447–54 (33 ref.) **(Jpn)**

[Histogenetic studies on the teeth of the marble gourami. (Trichogaster trichopterus)] Togo Y. **Kokubyo Gakkai Zasshi** 1984 Sep;51(3):493–535 (Eng. Abstr.) **(Jpn)**

DENTIN DYSPLASIA

DIAGNOSIS

Dentinal dysplasia type I: report of case. Baka'een G, et al. **ASDC J Dent Child** 1985 Mar–Apr;52(2):128–9

Fibrous dysplasia of bone and concomitant dysplastic changes in the dentin. Wannfors K, et al. **Oral Surg Oral Med Oral Pathol** 1985 Apr;59(4):394–8

FAMILIAL & GENETIC

Interradicular dentin dysplasia associated with amelogenesis imperfecta. Nakata M, et al. **Oral Surg Oral Med Oral Pathol** 1985 Aug;60(2):182–7

PATHOLOGY

Shell teeth affecting a child patient: report of a rare dental anomaly. Kinirons MJ. **ASDC J Dent Child** 1984 Nov–Dec;51(6):441–3

DENTIN PERMEABILITY see under **TOOTH PERMEABILITY**

DENTIN, SECONDARY

PHYSIOLOGY

Periapical healing after apicocurettage during apexification. Harbert HL. **ASDC J Dent Child** 1985 Jul–Aug;52(4):303–5

PHYSIOPATHOLOGY

[Functional aspects and structure of reactive secondary dentin under scanning electron microscopy] Garberoglio P, et al. **Minerva Stomatol** 1984 Jul–Aug;33(4):545–57 (Eng. Abstr.) **(Ita)**

ULTRASTRUCTURE

Scanning electron microscopic observations of casts of human dentinal tubules along the interface between primary and secondary dentine. Wang YN, et al. **Anat Rec** 1985 Feb;211(2):149–55

Ultrastructure (SEM) of dentine bridging in the human dental pulp. Franz FE, et al. **J Biol Buccale** 1984 Sep;12(3):239–46

DENTIN SENSITIVITY

DRUG THERAPY

The effectiveness of a fluoride varnish and a desensitizing toothpaste in treating dentinal hypersensitivity. Clark DC, et al. **J Periodont Res** 1985 Mar;20(2):212–9

Effectiveness of a dentifrice containing formalin and sodium monofluorophosphate on dental hypersensitivity. McFall WT Jr, et al. **J Periodontol** 1985 May;56(5):288–92

METABOLISM

Dentine hypersensitivity. A quantitative comparison of the uptake of metal salts and fluoride by dentine and hydroxyapatite. Dowell P, et al. **J Periodont Res** 1984 Sep;19(5):530–9

PHYSIOPATHOLOGY

Dentin sensitivity: a review. Närhi MV. **J Biol Buccale** 1985 Jun;13(2):75–96

Dentinal sensation and hypersensitivity. A review of mechanisms and treatment alternatives. Berman LH. **J Periodontol** 1985 Apr;56(4):216–22 (61 ref.)

Dentin permeability. Effects of desensitizing dentifrices in vitro. Pashley DH, et al. **J Periodontol** 1984 Sep;55(9):522–5

THERAPY

Dentine hypersensitivity: aetiology, differential diagnosis and management. Dowell P, et al. **Br Dent J** 1985 Feb 9;158(3):92–6

Acceptance of Sensodyne toothpaste for sensitive teeth. Council on Dental Therapeutics. **J Am Dent Assoc** 1985 Mar;110(3):394–5

Clinical evaluation of the effectiveness of three dentifrices in relieving dentin sensitivity. Collins JF, et al. **J Periodontol** 1984 Dec;55(12):720–5

DENTIN SOLUBILITY

DRUG EFFECTS

[Scanning electron microscopic study of the in vivo solubility of the smear layer] Szabó J, et al. **Zahn Mund Kieferheilkd** 1984;72(8):790–4 (Eng. Abstr.) **(Ger)**

DENTINOGENESIS

Experimental morphological studies on the functional role of the pulpal nerves in dentinogenesis. Kubota K, et al. **Anat Anz** 1985;158(4):323–36

Changes in dentin appositional rates during pregnancy and lactation in rats. Miller SC, et al. **J Dent Res** 1985 Aug;64(8):1062–4

Ruthenium hexammine trichloride-positive materials in developing mouse molar predentine and intercellular spaces between preodontoblasts. Furuhashi K, et al. **J Electron Microsc (Tokyo)** 1984;33(4):384–7

Aberrations in pulpal histology and dentinogenesis in transplanted erupting teeth. Monsour FN, et al. **J Oral Maxillofac Surg** 1985 Jan;43(1):8–13

DRUG EFFECTS

Effects of methylmercury chloride on rat incisor odontoblasts and dentinogenesis. Dahl JE. **Acta Odontol Scand** 1984 Aug;42(4):251–5

A histological study of the short-term effects of fluoride on enamel and dentine formation in hamster tooth-germs in organ culture in vitro. Bronckers AL, et al. **Arch Oral Biol** 1984;29(10):803–10

DENTINOGENESIS IMPERFECTA

CLASSIFICATION

Dentinogenesis imperfecta type III with enamel and cementum defects. Clergeau-Guerithault S, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):505–10

FAMILIAL & GENETIC

An unusual presentation of opalescent dentin and Brandywine isolate hereditary opalescent dentin in an Ashkenazic Jewish family. Heimler A, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):608–15

PATHOLOGY

The ultrastructure of the dental tissues in dentinogenesis imperfecta in man. Wright JT, et al. **Arch Oral Biol** 1985;30(2):201–6

Histomorphological findings in dentine in nonlethal Osteogenesis imperfecta. Lukinmaa PL, et al. **Proc Finn Dent Soc** 1985;81(2):98–103

DENTIST-PATIENT RELATIONS

Quo vadis? [editorial] Dougherty HL. **Am J Orthod** 1985 Apr;87(4):345–6

Dentists' characteristics and child behavior management techniques. Glasrud PH. **ASDC J Dent Child** 1984 Sep–Oct;51(5):337–43

First encounter of child and dentist: an analysis of the introductory session. Grinberg S, et al. **ASDC J Dent Child** 1984 Nov–Dec;51(6):438–40

Voice control: an old technique reexamined. Pinkham JR, et al. **ASDC J Dent Child** 1985 May–Jun;52(3):199–202

Dentist, know thyself. Cives J. **Can Dent Assoc J** 1984 Nov;50(11):817

The dentist and the older patient. A review of the relationship. MacEntee MI. **Can Dent Assoc J** 1984 Sep;50(9):675–8

Quality assurance and the dentist-patient relationship. Kerr IL. **Dent Clin North Am** 1985 Jul;29(3):581–8

Informed consent patient records and the doctor/patient relationship. Tryon AF. **J Am Coll Dent** 1984 Summer;51(2):15–9

Dentists' management of patients' fear and anxiety. Corah NL, et al. **J Am Dent Assoc** 1985 May;110(5):734–6

Characteristics and satisfaction of the patients of male versus female dentists. Douglas H, et al. **J Am Dent Assoc** 1985 Jun;110(6):926–9

Should dentists advise smokers to stop? Ferguson KJ, et al. **J Am Dent Assoc** 1984 Oct;109(4):593–4

Effects of dentists' behavior on patients' attitudes. Gale EN, et al. **J Am Dent Assoc** 1984 Sep;109(3):444–6

Internal marketing and quality assurance through patient feedback. Kress GC Jr, et al. **J Am Dent Assoc** 1985 Jan;110(1):29–34

Patients' preferences for dentists' behaviors. Rankin JA, et al. **J Am Dent Assoc** 1985 Mar;110(3):323–7

Dentista moderna [letter] Smith D. **J Am Dent Assoc** 1985 May;110(5):674

The art of doing nothing [editorial] Laskin DM. **J Oral Maxillofac Surg** 1985 Feb;43(2):72

A dentist's approach to difficult patients. Lowental U. **J Oral Med** 1985 Jul–Sep;40(3):151–3, 157

An analysis of anger in relation to clinical dentistry. Araki NG. **J Prosthet Dent** 1985 Apr;53(4):591–2

Origins of paternalism. Segal H, et al. **Med Law** 1985;4(3):269–73

Reduction of patient stress and the patient-dentist relationship. Corah NL. **NY State Dent J** 1984 Oct;50(8):478–9

Understanding the adolescent patient. Handler SL. **NY State Dent J** 1984 Oct;50(8):480–2, 484

The dentist's role in cessation of cigarette smoking. O'Shea RM, et al. **Public Health Rep** 1984 Sep–Oct;99(5):510–4

[Patient-practitioner communication or how to create a climate of trust] Safar P. **Rev Odontostomatol (Paris)** 1984 Jul–Aug;13(4):233–7 **(Fre)**

[The patient-dentist-dental technician relationship in light of EDP accounting] Boitel RH. **Schweiz Monatsschr Zahnmed** 1984 Nov;94(11):1170–1 **(Ger)**

DENTISTRY

'Trade unionism for doctors: an idea whose time has come' by Sanford A. Marcus. ASDC forum. **ASDC J Dent Child** 1985 Mar–Apr;52(2):97–102, 148–53

Some thoughts on trade unionism in medicine. Album MJ. **ASDC J Dent Child** 1985 Mar–Apr;52(2):150–1

The employment of dental auxiliary personnel in private practice: a survey report. Stewart AJ, et al. **Aust Dent J** 1984 Jun;29(3):172–4

Royal College of Surgeons of England statement on animal experimentation in medicine and dentistry. **Br Dent J** 1985 Apr 6;158(7):243

PR: could do better [letter] **Br Dent J** 1984 Aug 11;157(3):83–4

The efficacy of face masks [letter] Caplin RL. **Br Dent J** 1985 Apr 6;158(7):242

Readership surveys. What can they tell editors and those responsible for dental periodicals. Koehler H. **Br Dent J** 1984 Oct 6;157(7):245–6

Letter from California: the malpractice problem [news] Pogrel MA. **Br Dent J** 1985 May 25;158(10):380–2

The Journal. Fifty years of service. Dunn WJ. **Can Dent Assoc J** 1985 Jan;51(1):54–7

Extracting dentistry from the Postal Services. Gryfe JH. **Can Dent Assoc J** 1984 Dec;50(12):887–9

The dentist on line. Henderson BJ. **Can Dent Assoc J** 1984 Dec;50(12):890–2

Dental Interpretation Center, Faculty of Dentistry, University of Alberta. Smith M. **Can Dent Assoc J** 1985 Jan;51(1):68–71

Crowning the roots of dentistry. The raison d'etre of dental museums. Sperber GH. **Can Dent Assoc J** 1985 Jan;

51(1):66–7

Symposium on quality assurance. **Dent Clin North Am** 1985 Jul;29(3):425–617

The dental profession's commitment to quality assurance. Klyop JS. **Dent Clin North Am** 1985 Jul;29(3):521–30

Dentistry in Hong Kong: a look into the past and a glimpse of the future. Chau KK. **Int Dent J** 1984 Dec;34(4):249–52

Adolescent dentistry programs: a survey of United States dental schools. Strassler HE, et al. **J Adolesc Health Care** 1984 Oct;5(4):266–8

If you don't care, who will? Devine JA. **J Am Coll Dent** 1984 Summer;51(2):8–11

A treasury of dentistry. What about dentistry and literature? Foley GP. **J Am Coll Dent** 1985 Summer;52(2):26–7

'Going for the gold'. Dentistry's role in the Olympics. Kerr IL. **J Am Coll Dent** 1984 Summer;51(2):12–4

Variations in the practice of dentistry and the supply of dentists. Waldman HB, et al. **J Am Coll Dent** 1984 Fall; 51(3):24–31

Advice for the consumer 'milieu' [letter] **J Am Dent Assoc** 1985 Jun;110(6):870, 872

Informed consent in dentistry. Bailey BL. **J Am Dent Assoc** 1985 May;110(5):709–13

The outlook for dental malpractice insurance. Council on Insurance. Johnson B, et al. **J Am Dent Assoc** 1985 Mar; 110(3):395–7

Dentistry on stamps. Ebers papyrus. Loevy HT. **J Am Dent Assoc** 1985 Mar;110(3):376

Dentistry on stamps. Loevy HT, et al. **J Am Dent Assoc** 1985 Apr;110(4):515

Dentistry on stamps. Loevy HT, et al. **J Am Dent Assoc** 1984 Sep;109(3):466

Dentistry on stamps (Dr. Kerstin Palm). Loevy HT, et al. **J Am Dent Assoc** 1984 Nov;109(5):755

Dentistry on stamps. Loevy HT, et al. **J Am Dent Assoc** 1984 Dec;109(6):971

Dentistry on stamps. Loevy HT, et al. **J Am Dent Assoc** 1985 Jan;110(1):88

Dental research at the National Bureau of Standards: how it changed the practice of dental health service. Paffenbarger GC, et al. **J Am Dent Assoc** 1985 Jul; 111(1):83–9

Humanism and the profession(al). Engelhardt HT Jr. **J Dent Educ** 1985 Apr;49(4):202–6

The Mentor Apprentice Program—a modest proposal for alleviating the scarcity of clinical researchers in dentistry. Neidle EA. **J Dent Educ** 1985 May;49(5):272–4

Practice plans and trends among dental school seniors. Solomon E, et al. **J Dent Educ** 1984 Dec;48(12):679–80

Accomplishments, opportunities, and challenges in oral health research. Genco RJ. **J Dent Res** 1985 Jul;64(7):952–3

From mice to men. Goldhaber P. **J Dent Res** 1985 Jul; 64(7):947–50

Report of the Committee on Scientific Investigation of the American Academy of Restorative Dentistry. Phillips RW, et al. **J Prosthet Dent** 1985 Jun;53(6):844–70 (309 ref.)

Carl Sebelius honored by State and Territorial Dental Directors with Outstanding Achievement Award. **J Public Health Dent** 1984 Fall;44(4):173

Diagnosis and treatment of dental caries. The practitioner's dilemma. Lynn AM. **J R Soc Med** 1985;78 Suppl 7:17–

Use of analgesics in postoperative dental pain: a review. Seymour RA. **J R Soc Med** 1984 Nov;77(11):949–54 (34 ref.)

Diagnosis and treatment of dental caries: the clinicians' dilemma. The public and the profession. Watson James D. **J R Soc Med** 1985;78 Suppl 7:33–6

Leads from the MMWR. Hepatitis B among dental patients. **JAMA** 1985 Mar 1;253(9):1239–40

Hepatitis B among dental patients—Indiana. **MMWR** 1985 Feb 8;34(5):73–5

[Dental medicine and internal medicine: common therapy and antagonistic therapy] Pellet FL. **Schweiz Monatsschr Zahnmed** 1984 Oct;94 Spec No:951–60 (Eng. Abstr.) **(Fre)**

[Indications for antibiotics in dentistry] Berthold H. **Schweiz Monatsschr Zahnmed** 1984 Oct;94 Spec No:992–1003 (27 ref.) (Eng. Abstr.) **(Ger)**

[Analgesics and antiphlogistics in dentistry] Weigand K. **Schweiz Monatsschr Zahnmed** 1984 Oct;94 Spec No:971–8 (Eng. Abstr.) **(Ger)**

[Epidemiologic evidence and possibility of prevention for various forms of occupational pathology in dentistry and emerging medico-legal aspects. II. Pathology of non-infectious origin] Melino C, et al. **Nuovi Ann Ig Microbiol** 1983 Jan–Feb;34(1):17–42 (103 ref.) (Eng. Abstr.) **(Ita)**

[The Journal of the Stomatological Society, Japan. Index. Volume 1–50, 1927–1983] **Kokubyo Gakkai Zasshi** 1984 Dec;1–50:1–227 **(Jpn)**

MANPOWER

The private dental schools' dilemma. Hazen SP. **J Am Coll Dent** 1985 Spring;52(1):38–9

Dental manpower—the dental school's dilemma in a state institution. Reese EL. **J Am Coll Dent** 1985 Spring; 52(1):35–7

A look at dental manpower and related issues. Sinkford JC. **J Am Coll Dent** 1985 Spring;52(1):40–3

STANDARDS

International Organization for Standardization. International Standard 3950–1984(E). Dentistry—designation system for teeth and areas of the oral cavity. **Aust Dent J** 1985 Apr; 30(2):134–5

Standards for dentistry. Doyle FJ. **Can Dent Assoc J** 1984 Nov;50(11):815–6

Ethics . . . and the quest for excellence in the profession. Nash DA. **J Dent Educ** 1985 Apr;49(4):198–201

TRENDS

Dentistry as I have seen it—1920 to 1984. Leatherman GH. **Br Dent J** 1984 Aug 25;157(4):141–6

Manpower and the future role of dentistry in developing countries. Songpaisan Y. **Int Dent J** 1985 Mar;35(1):78–82

The future of dentistry. Kennedy LM. **J Am Coll Dent** 1985 Spring;52(1):7–11

Dentistry in the future. **J Am Dent Assoc** 1985;Spec No:68–70, 73

Three models of professionalism and professional obligation in dentistry. Ozar DT. **J Am Dent Assoc** 1985 Feb; 110(2):173–7

A symposium on the Future of Dentistry Report: Implications for the public sector. **J Public Health Dent** 1985 Summer;45(3):122–32

Dentistry's blueprint for the future. Ginley TJ. **J Public Health Dent** 1985 Summer;45(3):123–5

Does dentistry as we know it have a future? Schoen MH. **J Public Health Dent** 1985 Summer;45(3):130–2

Dentist oversupply (?), dentistry, and dental public health [editorial] Striffler DF. **J Public Health Dent** 1984 Summer; 44(3):98–9

Future of dentistry [letter] Does JE. **NY State Dent J** 1985 Feb;51(2):69

We can do no less for the future of dentistry. Linz AM. **NY State Dent J** 1984 Oct;50(8):476

Franchise dentistry. Wood WL Jr, et al. **NY State Dent J** 1984 Dec;50(10):677–8

Dentistry and dental education to the year 2000. Adkins KF. **NZ Dent J** 1983 Jan;81(363):3–6

Presidential address. President of the New Zealand Dental Association, 1983–84. Howie JS. **NZ Dent J** 1984 Oct; 80(362):106–8

DENTISTRY FOR HANDICAPPED see DENTAL CARE FOR HANDICAPPED

DENTISTRY, OPERATIVE

The hyperventilation (overbreathing) syndrome. Chapman PJ. **Aust Dent J** 1984 Oct;29(5):321–3

Intravenous flunitrazepam (Rohypnol) in conservative and restorative dentistry. Breen TF. **J Int Med Res** 1985; 13(1):74–6

An advanced clinical trial with laser acupuncture anesthesia for minor operations in the oro-maxillofacial region. Zhou YC. **Lasers Surg Med** 1984;4(3):297–303

Afferent stimulation induced pain relief in acute oro-facial pain and its failure to induce sufficient pain reduction in dental and oral surgery. Hansson P, et al. **Pain** 1984 Nov; 20(3):273–8

[Advisability of prescribing anti-inflammatory agents in operative dentistry] Lombard J. **Rev Odontostomatol (Paris)** 1984 Jul–Aug;13(4):311–2 **(Fre)**

[Prevention of hemorrhagic complications in surgical interventions in the maxillofacial area in acute leukemia patients] Dmitrieva VS, et al. **Vestn Khir** 1984 Dec; 133(12):84–5 (Eng. Abstr.) **(Rus)**

EDUCATION

MGDS: attitudes of practitioners on postgraduate courses in England. Farrell T. **Br Dent J** 1985 Jan 19;158(2):61–3

The epidemiology of dental caries and its impact on the operative dentistry curriculum. Douglass CW, et al. **J Dent Educ** 1984 Oct;48(10):547–55

INSTRUMENTATION

Three-year evaluation of sealant: effect of isolation on efficacy. Straffon LH, et al. **J Am Dent Assoc** 1985 May; 110(5):714–7

Topical anesthetic gel as a rubber dam lubricant. Sposetti VJ. **J Prosthet Dent** 1985 Feb;53(2):291

PSYCHOLOGY

[Clinical trial of the anti-anxiety of prazepam in dental outpatients] Debernardi G, et al. **Minerva Stomatol** 1984 Sep–Oct;33(5):861–7 (Eng. Abstr.) **(Ita)**

TRENDS

Implications of recent dental health services research on the future of operative dentistry. Elderton RJ. **J Public Health Dent** 1985 Spring;45(2):101–5

DENTISTS

Continuing education: attitudes and activities of Finnish dentists. Murtomaa H, et al. **Acta Odontol Scand** 1984 Aug; 42(4):199–203

An innovative approach to working with parents. Martin BJ, et al. **ASDC J Dent Child** 1984 Nov–Dec;51(6):434–7

National Health and Medical Research Council 98th session Canberra, 25–26 October 1984. Hepatitis B. **Aust Dent J** 1985 Feb;30(1):49–54

Hepatitis B—a personal view. Booth DR. **Aust Dent J** 1985 Feb;30(1):47–8

AIDS: safeguards, not panic [editorial] **Br Dent J** 1985 Mar 23;158(6):195

Multiple deaths due to hepatitis B related to dental treatment [letter] Samaranayake LP. **Br Dent J** 1985 May 11; 158(9):318

Stress on stress. Samson E. **Br Dent J** 1984 Aug 11;157(3):108

AIDS and dentists in Australia [news] Wall CH. **Br Dent J** 1985 May 25;158(10):380

Flying and dentistry. Birds of a feather. **Can Dent Assoc J** 1985 Feb;51(2):130–1

The dentist, the biopsy, and the law. Lovas J, et al. **Can Dent Assoc J** 1985 Jan;51(1):29–31

Woodcarving for dentists. Creative stressbreaking. O'Brien DJ. **Can Dent Assoc J** 1985 Jun;51(6):424–5

Holidays and leisure time. Do you know how to make the most the them? Schmidt LC, et al. **Can Dent Assoc J** 1985 May;51(5):349–52

Computers and the dentist. Hardware. Veldman A, et al. **Can Dent Assoc J** 1984 Aug;50(8):621–2

Variation in radiographic interpretation and restorative treatment decisions on approximal caries among dentists in Norway. Espelid I, et al. **Community Dent Oral Epidemiol** 1985 Feb;13(1):26–9

Skeletal changes in dentists and farmers in Finland. Katevuo K, et al. **Community Dent Oral Epidemiol** 1985 Feb; 13(1):23–5

A comprehensive quality assurance system for practicing dentists. Demby NA, et al. **Dent Clin North Am** 1985 Jul; 29(3):545–56

Professional self-regulation: peer review. DiAngelis AJ, et al. **Dent Clin North Am** 1985 Jul;29(3):437–47

Quality assurance. A reviewer's perspective. Harbo JN, et al. **Dent Clin North Am** 1985 Jul;29(3):589–93

Manpower and the future role of dentistry in developing countries. Songpaisan Y. **Int Dent J** 1985 Mar;35(1):78–82

The best deal around. Devine JA. **J Am Coll Dent** 1985 Summer;52(2):4–7

Dental education and the objectives of the American College of Dentists. Kennedy JE. **J Am Coll Dent** 1984 Fall; 51(3):10–3

Responsibility of the dental profession to education and research. White RP Jr. **J Am Coll Dent** 1985 Spring; 52(1):18–21

Annual report of membership of the American Dental Association: December 1984. Data Processing Department. **J Am Dent Assoc** 1985 Apr;110(4):541–5

Correct posture works wonders [letter] **J Am Dent Assoc** 1985 May;110(5):673–4

Breaking the silence on hypertension: a dental perspective. Council on Dental Health and Health Planning Bureau of Health Education and Audiovisual Services. **J Am Dent Assoc** 1985 May;110(5):781–2

Guidelines for infection control in the dental office and the commercial dental laboratory. Council on Dental Therapeutics. Council on Prosthetic Services and Dental Laboratory Relations. **J Am Dent Assoc** 1985 Jun; 110(6):969–72

Update on hepatitis [letter] **J Am Dent Assoc** 1985 Jul; 111(1):12–3

Recommendations in dental mercury hygiene, 1984. Council on Dental Materials, Instruments, and Equipment. **J Am Dent Assoc** 1984 Oct;109(4):617–9

Stress in dentistry: where's the evidence? Ayers WA, et al. **J Am Dent Assoc** 1985 Jan;110(1):22

Law in the dental workplace: legal implications of hepatitis B for the dental profession. Baker CH, et al. **J Am Dent Assoc** 1985 Apr;110(4):637–42

Hepatitis B virus infection in the dental profession. Cottone JA. **J Am Dent Assoc** 1985 Apr;110(4):617–21

State-of-the-art: practical infection control in dentistry. Crawford JJ. **J Am Dent Assoc** 1985 Apr;110(4):629–33

Characteristics and satisfaction of the patients of male versus female dentists. Douglas H, et al. **J Am Dent Assoc** 1985 Jun;110(6):926–9

Knowledge and attitudes of dentists about fluoridation. Isman R. **J Am Dent Assoc** 1984 Dec;109(6):924–7

A survey of retired dentists in the United States. Council on Dental Practice. Jackson JB, et al. **J Am Dent Assoc** 1985 Mar;110(3):386–9

Transmission of HBV from dental personnel to patients. Kane MA, et al. **J Am Dent Assoc** 1985 Apr;110(4):634–6

A children's oral health status index based on dentists' judgment. Koch AL, et al. **J Am Dent Assoc** 1985 Jan; 110(1):36–42

Evaluation of the National Symposium Workshop on hepatitis B and the dental profession. Littlefield JH, et al. **J Am Dent Assoc** 1985 Apr;110(4):650

Vaccination of a county dental society against hepatitis B. Molthen RA, et al. **J Am Dent Assoc** 1985 Jan;110(1):62–4

Color vision in dentistry: a survey. Moser JB, et al. **J Am Dent Assoc** 1985 Apr;110(4):509–10

Urinary mercury levels in US dentists, 1975–1983: review of Health Assessment Program. Naleway C, et al. **J Am Dent Assoc** 1985 Jul;111(1):37–42

Clinician compliance and the prevention of bacterial endocarditis. Sadowsky D, et al. **J Am Dent Assoc** 1984

Sep;109(3):425–8

Hepatitis vaccine [letter] Saxonhouse WJ. **J Am Dent Assoc** 1985 May;110(5):670

Safeguarding the physical well–being of dentists. Wagner M. **J Am Dent Assoc** 1985 Jan;110(1):16–24

Acceptance of hepatitis B vaccine by Rhode Island dental practitioners. Yacovone JA, et al. **J Am Dent Assoc** 1985 Jul;111(1):65–7

The significance of AIDS to dentists and dental practice. Davis DR, et al. **J Prosthet Dent** 1984 Nov;52(5):736–8

Torque placed by dentists on prefabricated threaded posts. Deutsch AS, et al. **J Prosthet Dent** 1985 Mar;53(3):323–5

Questioning our perceptions of the elderly: some thoughts for the dentist. Waldman HB. **J Prosthet Dent** 1984 Nov;52(5):739–44

AIDS: information for dentists. New York State Department of Health. **NY J Dent** 1984 Sep–Oct;54(6):256

Should you take the Heptavax–B (hepatitis–B) vaccine? Kulik LT. **NY J Dent** 1985 Apr–May;55(4):133–4

Changes in the number of dental school applicants who are children of dentists. Waldman HB. **NY J Dent** 1985 Mar;55(3):116

The dentist as a defendant. Gordon B. **NY State Dent J** 1984 Nov;50(9):602, 604, 606 passim

Today's graduate—outlook 1985. Mascola R. **NY State Dent J** 1985 Mar;51(3):140–1

The adventures of an American dentist in Russia. Moshman HB. **NY State Dent J** 1984 Nov;50(9):594, 596, 598 passim

The big transition. Queen AN. **NY State Dent J** 1985 Jun–Jul;51(6):330

Dentists and special dental technicians in the supply of complete denture services in Finland. Tuominen R. **Proc Finn Dent Soc** 1984;80(3):131–5

Patients' perception of dentists' positive and negative attributes. Liddell A, et al. **Soc Sci Med** 1984;19(8):839–42

[Seroepidemiology of hepatitis B markers in dentists in Ille–et–Vilaine] Zourbas J, et al. **Presse Med** 1985 Apr 27;14(17):959–62 (Eng. Abstr.) **(Fre)**

[Occupational yeast infection of the skin—an expert opinion] Zschunke E, et al. **Dermatol Monatsschr** 1985;171(6):360–5 (Eng. Abstr.) **(Ger)**

[Epidemiologic study of the medical staff of a dental clinic and the students in a doctoral course in dentistry and dental prosthesis] Corrao G, et al. **Minerva Stomatol** 1984 Nov–Dec;33(6):891–8 **(Ita)**

[General and immunologic prevention of hepatitis B with special reference to the problem of dentists] Moiraghi Ruggenini A, et al. **Minerva Stomatol** 1984 Nov–Dec;33(6):899–908 **(Ita)**

[Epidemiologic study of professional dentists with special reference to the use of preventive measures] Zotti C, et al. **Minerva Stomatol** 1984 Nov–Dec;33(6):909–14 **(Ita)**

PSYCHOLOGY

Attitudes of dentists and physicians toward the use of dietary fluoride supplements. Gift HC, et al. **ASDC J Dent Child** 1985 Jul–Aug;52(4):265–8

Dental Profession Advisory Program alive and well in British Columbia. Christianson ML. **Can Dent Assoc J** 1984 Nov;50(11):824–7

Differences of anxiety and dental stressors between dental students and dentists. Cecchini JG. **Int J Psychosom** 1985;32(2):6–11

Applicant interest and goals in postdoctoral training in general dentistry. Handelman SL, et al. **J Dent Educ** 1985 May;49(5):327–9

Providers reaction to dental patient's pain. Render JD. **Milit Med** 1985 Mar;150(3):160–4

SUPPLY & DISTRIBUTION

Under–employment of dentists in Western Australia. Harrison–Stewart AJ, et al. **Aust Dent J** 1984 Aug;29(4):225–9

Variations in the practice of dentistry and the supply of dentists. Waldman HB, et al. **J Am Coll Dent** 1984 Fall;51(3):24–31

The Scandinavian dilemma [letter] **J Am Dent Assoc** 1985 May;110(5):670, 673

A realistic approach to locating dental practices. Barron EG, et al. **J Am Dent Assoc** 1984 Dec;109(6):903–8

Dentist unemployment—a Scandinavian reality. Moore R. **J Am Dent Assoc** 1985 Jan;110(1):92–6

Manpower trends in the health professions: slower growth predicted for dental practitioners. Solomon E. **J Dent Educ** 1984 Oct;48(10):571–2

Dentist oversupply (?), dentistry, and dental public health [editorial] Striffler DF. **J Public Health Dent** 1984 Summer;44(3):98–9

Pipeline of dentists [letter] Fine HB. **NY State Dent J** 1985 Feb;51(2):69, 71

Would you believe a shortage of dentists? Waldman HB. **NY State Dent J** 1984 Nov;50(9):572, 574, 576 passim

[Prognosis for physicians and pharmacists to the year 2000] Svatošová J, et al. **Cesk Zdrav** 1984 Dec;32(12):497–503 (Eng. Abstr.) **(Cze)**

[The distribution of dentists and population trends in Finland 1970–1980] Alvesalo I. **Proc Finn Dent Soc** 1984;80(3):136–44 (Eng. Abstr.) **(Fin)**

[Number of dental offices and practicing dentists in Switzerland in 1962, 1971 and 1979 together with the outlook for 1992] Marthaler TM, et al. **Schweiz Monatsschr Zahnmed** 1984 Nov;94(11):1156–67 (Eng. Abstr.) **(Ger)**

UTILIZATION

Utilization of dental services in the United States and an insured population. Grembowski D, et al. **Am J Public Health** 1985 Jan;75(1):87–9

DENTISTS, WOMEN

Characteristics and satisfaction of the patients of male versus female dentists. Douglas H, et al. **J Am Dent Assoc** 1985 Jun;110(6):926–9

DENTITION

Facet pattern in intact and restored dentitions of young adults. A comparative study. Kampe T, et al. **Acta Odontol Scand** 1984 Aug;42(4):225–33

Rationale of identification based on biological factors of the dentition. Dahlberg AA. **Am J Forensic Med Pathol** 1985 Jun;6(2):125–31

The influence of dentofacial appearance on the social attractiveness of young adults. Shaw WC, et al. **Am J Orthod** 1985 Jan;87(1):21–6

Patterns of dental wear in the Lengua Indians of Paraguay. Kieser JA, et al. **Am J Phys Anthropol** 1985 Jan;66(1):21–9

Dental identification of unknown bodies. Brown KA. **Ann Acad Med Singapore** 1984 Jan;13(1):3–7

An odontometric analysis of the early Griqua dentition. Kieser JA. **Anthropol Anz** 1985 Mar;43(1):51–8

Relationship in very elderly veterans of nutritional status, self–perceived chewing ability, dental status, and social isolation. Gordon SR, et al. **J Am Geriatr Soc** 1985 May;33(5):334–9

Relationship between stage of dental development and electromyographic silent periods during chewing. Josell SD, et al. **J Prosthet Dent** 1984 Oct;52(4):593–7

Reading the dentition: the place of tooth wear. Taylor RM. **NZ Dent J** 1984 Jul;80(361):66–72

Stimulated salivary flow rate, pH and lactobacillus and yeast concentrations in persons with different types of dentition. Parvinen T. **Scand J Dent Res** 1984 Oct;92(5):412–8

[Medicolegal identification by the dental system] Haertig A, et al. **Presse Med** 1985 Mar 2;14(9):543–5 (Eng. Abstr.) **(Fre)**

[Dependence of the dentition behavior of the permanent teeth on the persistence of deciduous teeth] Künzel W. **Zahn Mund Kieferheilkd** 1984;72(5):411–9 (Eng. Abstr.) **(Ger)**

[Width of the attached gingiva in relation to age and tooth groups] Mieler I, et al. **Zahn Mund Kieferheilkd** 1985;73(3):243–52 (Eng. Abstr.) **(Ger)**

DENTITION, MIXED

see related

SERIAL EXTRACTION

Prediction of mandibular incisor and canine crowding changes in the mixed dentition. Sampson WJ, et al. **Am J Orthod** 1985 Jul;88(1):47–63

Effect of entirely preformed stainless steel crowns on periodontal health in primary, mixed dentitions. Einwag J. **ASDC J Dent Child** 1984 Sep–Oct;51(5):356–9

Guiding the developing mixed dentition. Leivesley WD. **Aust Dent J** 1984 Jun;29(3):154–8

A clinical and histometric study of gingivitis associated with the human deciduous dentition. Bimstein E, et al. **J Periodontol** 1985 May;56(5):293–6

Relationship between stage of dental development and electromyographic silent periods during chewing. Josell SD, et al. **J Prosthet Dent** 1984 Oct;52(4):593–7

[Intensive treatment in severe distal bite using the headgear–Herbst appliance in mixed dentition] Wieslander L. **Schweiz Monatsschr Zahnmed** 1984 Nov;94(11):1189–206 (Eng. Abstr.) **(Ger)**

[A three–dimensional study on alignment of upper permanent buccal teeth during the period of buccal teeth exchange] Kishizawa Y. **Kokubyo Gakkai Zasshi** 1984 Dec;51(4):689–733 (Eng. Abstr.) **(Jpn)**

DENTOALVEOLAR ABSCESS, APICAL see **PERIAPICAL ABSCESS**

DENTURE BASES

Impact testing of a polysulphone denture base polymer. Price CA, et al. **Aust Dent J** 1984 Dec;29(6):398–403

Wax base development for complete denture impressions. Appelbaum EM, et al. **J Prosthet Dent** 1985 May;53(5):663–7

Wire reinforcement of acrylic resin prostheses. Carroll CE, et al. **J Prosthet Dent** 1984 Nov;52(5):639–41

Palateless dentures: help for the gagging patient. Farmer JB, et al. **J Prosthet Dent** 1984 Nov;52(5):691–4

Technique for fabrication of the mandibular denture over the staple bone implant using a permanent heat–cured base. Goll GE, et al. **J Prosthet Dent** 1985 Jun;53(6):820–4

Onlay technique for removable dentures. Kafandaris NM. **J Prosthet Dent** 1985 Feb;53(2):278–80

Convenient use of pressure indicating paste. Kirk GA. **J Prosthet Dent** 1985 Feb;53(2):288

Flange adaptation discrepancy, palatal base distortion, and induced malocclusion caused by processing acrylic resin maxillary complete dentures. McCartney JW. **J Prosthet Dent** 1984 Oct;52(4):545–53

Stabilized accurately fitting trial bases. McElroy TH, et al. **J Prosthet Dent** 1984 Nov;52(5):753–5

Customized shade guide for denture construction. Millstein PL. **J Prosthet Dent** 1984 Dec;52(6):901

Putty materials for stable removable partial denture bases. Mitchener RW, et al. **J Prosthet Dent** 1985 Mar;53(3):435–6

Palatal shape and the flexural strength of maxillary denture bases. Morris JC, et al. **J Prosthet Dent** 1985 May;53(5):670–3

Long–term biocompatibility test of denture base resins in vitro. Nakamura M, et al. **J Prosthet Dent** 1984 Nov;52(5):694–9

Aluminum–based temporary removable partial dentures. Nelson DR, et al. **J Prosthet Dent** 1985 Jun;53(6):877–9

Metal denture inserts in the treatment of elongated maxillary tuberosities. Nimmo A. **J Prosthet Dent** 1985 Jun;53(6):880–1

Studies of biologic parameters for denture design. Part III: Effects of occlusal adjustment, base retention, and fit on masseter muscle activity and masticatory performance. Perez P, et al. **J Prosthet Dent** 1985 Jan;53(1):69–73

In–office permanent denture base correction technique. Ruffino AR. **J Prosthet Dent** 1985 Mar;53(3):437–9

Effect of steel strengtheners on fracture resistance of the acrylic resin complete denture base. Ruffino AR. **J Prosthet Dent** 1985 Jul;54(1):75–8

Denture flange modification for autopolymerizing and heat–processed resilient denture liners. Saunders TR, et al. **J Prosthet Dent** 1985 Jan;53(1):133–4

Custom–made denture teeth and denture base material for removable partial dentures. Schulter CW. **J Prosthet Dent** 1985 Feb;53(2):271–6

Making a maxillary record base with the dental surveyor. Sherman JR Jr. **J Prosthet Dent** 1984 Nov;52(5):750–3

[Clinico–experimental evaluation of the occlusal base plates in dental prostheses] Scotti R, et al. **Minerva Stomatol** 1985 May–Jun;34(3):555–9 (Eng. Abstr.) **(Ita)**

[Pressure on the lingual edge of the denture base during swallowing] Nagao M. **Kokubyo Gakkai Zasshi** 1984 Jun;51(2):455 **(Jpn)**

ADVERSE EFFECTS

Acrylic 'allergy'? Devlin H, et al. **Br Dent J** 1984 Oct 20;157(8):272–5 (32 ref.)

DENTURE CLEANSERS see under **DENTIFRICES**

DENTURE, COMPLETE

see related

MOUTH, EDENTULOUS

The effect of verbal information and demonstration on denture hygiene in elderly people. Ambjørnsen E, et al. **Acta Odontol Scand** 1985 Mar;43(1):19–24

Some attitudes towards edentulousness, complete dentures, and cooperation with the dentist. A study of denture patients attending a dental school. Berg E, et al. **Acta Odontol Scand** 1984 Dec;42(6):333–8

Patient motives and fulfillment of motives in renewal of complete dentures. Berg E, et al. **Acta Odontol Scand** 1984 Aug;42(4):235–40

Long–term changes in hyoid bone position and craniocervical posture in complete denture wearers. Tallgren A, et al. **Acta Odontol Scand** 1984 Oct;42(5):257–67

The fracture topography of acrylic dentures broken in service. Lamb DJ, et al. **Biomaterials** 1985 Mar;6(2):110–2

Functional analysis of the gag reflex. Foster MA, et al. **Br Dent J** 1985 May 25;158(10):369–70

Hairy dentures: a monosymptomatic hypochondriacal psychosis. Mack PJ. **Br Dent J** 1985 Jan 19;158(2):50–1

Frequency and suppliers of removable dentures in Finland in 1983. Laine P, et al. **Community Dent Oral Epidemiol** 1985 Feb;13(1):47–50

Oral hygiene, dental visits and age of denture for prevalence of denture stomatitis. Mikkonen M, et al. **Community Dent Oral Epidemiol** 1984 Dec;12(6):402–5

Some clinical investigations of the masticatory performance of complete denture wearers. Poyiadjis YM, et al. **J Dent** 1984 Dec;12(4):334–41

The prevalence and significance of yeasts in persons wearing complete dentures with soft–lining materials. Wright PS, et al. **J Dent Res** 1985 Feb;64(2):122–5

An alternative method for recording the occlusion of the edentulous patient during the construction of replacement dentures. Duthie N, et al. **J Oral Rehabil** 1985 Mar;12(2):161–71

The role of the free–way space in the generation of muscle pain among denture–wearers. Monteith B. **J Oral Rehabil** 1984 Sep;11(5):483–98

'Byte–ryte', an apparatus for the determination of the preferred vertical dimension of occlusion required for the construction of complete denture prosthesis. van Willigen JD, et al. **J Oral Rehabil** 1985 Jan;12(1):23–5

Gnathosonic monitoring of occlusion of complete and partial dentures. Watt DM, et al. **J Oral Rehabil** 1985 Mar;12(2):107–12

Wax base development for complete denture impressions. Appelbaum EM, et al. **J Prosthet Dent** 1985 May;

53(5):663–7

Clinical evaluation of polyvinylsiloxane for complete denture impressions. Appelbaum EM, et al. **J Prosthet Dent** 1984 Oct;52(4):537–9

Clinical long-term study of complete denture wearers. Bergman B, et al. **J Prosthet Dent** 1985 Jan;53(1):56–61

Denture plaque control and inflammation in the edentulous patient. Chamberlain BB, et al. **J Prosthet Dent** 1985 Jul; 54(1):78–81

Quality of care: compared perceptions of patient and prosthodontist. Chamberlain BB, et al. **J Prosthet Dent** 1984 Nov;52(5):744–6

A laboratory study of changes in vertical dimension using a compression molding and a pour resin technique. Dukes BS, et al. **J Prosthet Dent** 1985 May;53(5):667–9

Complete denture curriculum survey of dental schools in the United States. Jaggers JH, et al. **J Prosthet Dent** 1985 May; 53(5):736–9

Changes in chewing patterns of patients with complete dentures after placement of osseointegrated implants in the mandible. Jemt T, et al. **J Prosthet Dent** 1985 Apr; 53(4):578–83

Tooth duplication in complete dentures. Jordan RD, et al. **J Prosthet Dent** 1984 Sep;52(3):453–5

Onlay technique for removable dentures. Kafandaris NM. **J Prosthet Dent** 1985 Feb;53(2):278–80

Studies of biologic parameters for denture design. Part II: Comparison of masseter muscle activity, masticatory performance, and salivary secretion rates between denture and natural dentition groups. Kapur KK, et al. **J Prosthet Dent** 1984 Sep;52(3):408–13

Effect of complete denture impression technique on the oral mucosa. el-Khodary NM, et al. **J Prosthet Dent** 1985 Apr; 53(4):543–9

Final impression trays from existing dentures. Kirk GA, et al. **J Prosthet Dent** 1985 Mar;53(3):443

Diagnostic significance of denture complaints. Kotkin H. **J Prosthet Dent** 1985 Jan;53(1):73–7

Ceramic flask technique for duplicating a complete denture. Krug RS. **J Prosthet Dent** 1984 Dec;52(6):896–9

The trial-packed, heat-processed spare complete denture. McArthur DR, et al. **J Prosthet Dent** 1985 May;53(5):741–5

Management of the mucolabial fold when developing impressions for complete dentures. McArthur DR. **J Prosthet Dent** 1985 Jan;53(1):62–7

Balancing ramps in nonanatomic complete denture occlusion. Nimmo A, et al. **J Prosthet Dent** 1985 Mar;53(3):431–3

Effect of steel strengtheners on fracture resistance of the acrylic resin complete denture base. Ruffino AR. **J Prosthet Dent** 1985 Jul;54(1):75–8

Use of adhesive vinyl tooth forms as an aid in the arrangement of artificial teeth. Soni A, et al. **J Prosthet Dent** 1984 Oct;52(4):604–5

Prosthodontic survey. Part II: Removable prosthodontic curriculum survey. Taylor TD, et al. **J Prosthet Dent** 1984 Nov;52(5):747–9

Prosthodontic survey. Part I: Removable prosthodontic laboratory survey. Taylor TD, et al. **J Prosthet Dent** 1984 Oct;52(4):598–601

Relations between edentulous rest position and complete denture intercuspal position. van Niekerk FW, et al. **J Prosthet Dent** 1984 Sep;52(3):406–7

The ala-tragus line in complete denture prosthodontics. van Niekerk FW, et al. **J Prosthet Dent** 1985 Jan;53(1):67–9

How to promote and maintain good oral health in spite of wearing dentures. Wendt DC. **J Prosthet Dent** 1985 Jun; 53(6):805–7

Bite force discrimination by individuals with complete dentures. Williams WN, et al. **J Prosthet Dent** 1985 Jul; 54(1):146–50

Practical considerations for using the face-bow for complete denture prosthodontics. Zuckerman GR. **J Prosthet Dent** 1985 Feb;53(2):219–21

Yeasts oral carriage in denture wearers. Vandenbussche M, et al. **Mykosen** 1984 Sep;27(9):431–5

Maximizing acceptance of complete denture care. Davis EL. **NY State Dent J** 1984 Oct;50(8):494–5

Personality projection in complete dentures: traits transmissable to the viewer through variations in maxillary anterior tooth arrangement. Ruffino AR. **NY State Dent J** 1984 Dec;50(10):661–2, 664

Dentists and special dental technicians in the supply of complete denture services in Finland. Tuominen R. **Proc Finn Dent Soc** 1984;80(3):131–5

Assessment of the state of removable dentures worn by 58 year old men in Kuopio. Yli-Urpo A, et al. **Proc Finn Dent Soc** 1985;81(1):36–41

[Relation between the balance of protrusive occlusion and protrusive inclination of the condylar guidance (path) of the complete denture] Hong L, et al. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):75–7, 126 (Eng. Abstr.) (Chi)

[How to assure complete prosthesis retention and stabilization in 1983] Hüe O. **Rev Odontostomatol (Paris)** 1984 Jul–Aug; 13(4):285–8 (Fre)

[Christ-Siemens-Touraine syndrome. Completed management is unrelated to the number of years] Gardel P, et al. **Rev Stomatol Chir Maxillofac** 1985;86(2):114–6 (Eng. Abstr.) (Fre)

[Incidence of yeasts in the oral cavity in reference to signs of inflammation, the wearing of a removable denture and oral hygiene] St. Bosse H, et al. **Zahn Mund Kieferheilkd** 1984;72(7):663–7 (Eng. Abstr.) (Ger)

[Determination of the prosthetic space in the edentulous patient] Preti G. **Minerva Stomatol** 1985 Jan–Feb;34(1):13–6 (Ita)

[Clinico-experimental evaluation of the occlusal base plates in dental prostheses] Scotti R, et al. **Minerva Stomatol** 1985 May–Jun;34(3):555–9 (Eng. Abstr.) (Ita)

ADVERSE EFFECTS

The use of a soft denture liner for chronic residual ridge soreness. Duncan JD, et al. **J Am Dent Assoc** 1985 Jul; 111(1):64–5

The prevalence of edentulism and diseases related to dentures—a literature review. MacEntee MI. **J Oral Rehabil** 1985 May;12(3):195–207 (82 ref.)

Speech sound distortions caused by changes in complete denture morphology. Petrović A. **J Oral Rehabil** 1985 Jan; 12(1):69–79

Depression: a psychologic consideration in complete denture prosthodontics. Chamberlain BB, et al. **J Prosthet Dent** 1985 May;53(5):673–5

Oral mucosal disorders in denture wearers. Dorey JL, et al. **J Prosthet Dent** 1985 Feb;53(2):210–3

Prevalence and persistence of different strains of Candida albicans in treatment of denture stomatitis. Watkinson AC, et al. **J Prosthet Dent** 1985 Mar;53(3):365–6

STANDARDS

[Prosthetic stomatologic care of citizens 60 years and older in the Stralsund-Land district, based on a representative sample in 1979] Schwebke B, et al. **ZFA** 1984 Sep–Oct; 39(5):263–9 (Eng. Abstr.) (Ger)

DENTURE, COMPLETE, IMMEDIATE

Surgical templates for immediate denture insertion. Young L Jr, et al. **J Prosthet Dent** 1985 Jul;54(1):64–7

[Resorption of the alveolar ridge following tooth extraction and the placement of immediate prostheses] Loeb I, et al. **Acta Stomatol Belg** 1985 Jun;82(2):111–5 (Eng. Abstr.) (Fre)

DENTURE, COMPLETE, LOWER

Use of silver alloys to oppose lingual bladed denture teeth. Levin B. **J Prosthet Dent** 1984 Oct;52(4):602–4

Aid to setting posterior denture teeth. Nimmo A. **J Prosthet Dent** 1985 May;53(5):748

Rebasing metal-based complete mandibular dentures. Sherman JR Jr, et al. **J Prosthet Dent** 1985 Jan;53(1):130–2

DENTURE, COMPLETE, UPPER

Retention of complete maxillary dentures as a result of changes in design. Fløystrand F, et al. **Acta Odontol Scand** 1984 Dec;42(6):327–32

Retention of complete maxillary dentures related ot soft tissue function. Orstavik JS, et al. **Acta Odontol Scand** 1984 Oct; 42(5):313–20

The role of transitionals in mouth rehabilitation. Silverman S. **Dent Clin North Am** 1985 Jan;29(1):163–70

Denture adhesives: their effects on denture retention and stability. Chew CL, et al. **J Dent** 1985 Jun;13(2):152–9

Palateless dentures: help for the gagging patient. Farmer JB, et al. **J Prosthet Dent** 1984 Nov;52(5):691–4

Reproduction of the rugae on the maxillary denture palate. Garfunkel E. **J Prosthet Dent** 1985 May;53(5):747

Flange adaptation discrepancy, palatal base distortion, and induced malocclusion caused by processing acrylic resin maxillary complete dentures. McCartney JW. **J Prosthet Dent** 1984 Oct;52(4):545–53

Revitalizing defaced maxillary plastic denture teeth with resin stain. Martin JO, et al. **J Prosthet Dent** 1985 Mar; 53(3):434–5

Duplicating maxillary complete dentures. Nassif J, et al. **J Prosthet Dent** 1984 Nov;52(5):755–9

Use of a palatal reservoir in denture patients with xerostomia. Toljanic JA, et al. **J Prosthet Dent** 1984 Oct;52(4):540–4

A new contraindication for obesity surgery [letter] Pomerantz MA. **JAMA** 1985 Jan 4;253(1):44

Oxygen partial pressure under upper full dentures. Mombelli A, et al. **Schweiz Monatsschr Zahnmed** 1984 Dec; 94(12):1269–74

ADVERSE EFFECTS

Palatal perforation related to faculty denture construction. Shalhoub SY. **J Oral Med** 1985 Jan–Mar;40(1):49–50

[Psychogenic prosthesis intolerance: therapeutic possibilities] Fassbind O. **Schweiz Monatsschr Zahnmed** 1985 Jul; 95(7):595–8 (Ger)

[Prosthesis-induced nodular chondrometaplasia of the maxilla] Makek MS, et al. **Schweiz Monatsschr Zahnmed** 1985 Jul;95(7):551–9 (Eng. Abstr.) (Ger)

DENTURE LINERS

see related

SILICONE ELASTOMERS

The use of a soft denture liner for chronic residual ridge soreness. Duncan JD, et al. **J Am Dent Assoc** 1985 Jul; 111(1):64–5

The success and failure of denture soft-lining materials in clinical use. Wright PS. **J Dent** 1984 Dec;12(4):319–27

The prevalence and significance of yeasts in persons wearing complete dentures with soft-lining materials. Wright PS, et al. **J Dent Res** 1985 Feb;64(2):122–5

Denture flange modification for autopolymerizing and heat-processed resilient denture liners. Saunders TR, et al. **J Prosthet Dent** 1985 Jan;53(1):133–4

Enhanced retention for the distal extension-base removable partial denture using a heat-cured resilient soft liner. Whitsitt JA, et al. **J Prosthet Dent** 1984 Sep;52(3):447–8

DENTURE, OVERLAY

Treatment needs of overdenture patients in a longitudinal study: five-year results. Ettinger RL, et al. **J Prosthet Dent** 1984 Oct;52(4):532–7

Clip attachment for the mandibular staple implant. Hurtado AJ, et al. **J Prosthet Dent** 1984 Nov;52(5):715–7

A method to prepare immediate overdenture teeth accurately. Kahn RC. **J Prosthet Dent** 1985 Feb;53(2):290

Bruxism in maxillary overdenture patients. Kirk GA. **J Prosthet Dent** 1984 Nov;52(5):764

Three-in-one periodontal aid for overdenture abutment teeth. Walters RA. **J Prosthet Dent** 1985 Jul;54(1):156

Intraradicular attachments in overdentures. Lasoff M. **NY State Dent J** 1984 Dec;50(10):669–70, 672

Maximizing opportunities for using overdentures. Wiggs RI. **NY State Dent J** 1985 Apr;51(4):224–5

Vitallium removable overlays for deep overbite—case report. Taylor RM. **NZ Dent J** 1985 Jan;81(363):28–9

[Possibilities of external telescopic fixation to the prosthetic base plate] Grüszer M, et al. **Fogorv Sz** 1984 Oct; 77(10):310–4 (Hun)

DENTURE, PARTIAL

Periodontal and prosthetic treatment in patients with oral lichen planus. Erpenstein H. **J Clin Periodontol** 1985 Feb; 12(2):104–12

Gnathosonic monitoring of occlusion of complete and partial dentures. Watt DM, et al. **J Oral Rehabil** 1985 Mar; 12(2):107–12

Effect of restoration quality on periodontal health. Grasso JE, et al. **J Prosthet Dent** 1985 Jan;53(1):14–9

Determination of approximate size of maxillary anterior denture teeth when mandibular anterior teeth are present. Part II: Mold selection. McArthur DR. **J Prosthet Dent** 1985 Mar;53(3):369–73

Yeasts oral carriage in denture wearers. Vandenbussche M, et al. **Mykosen** 1984 Sep;27(9):431–5

Scanning electron microscope study of 48-hour plaque on different bridge pontics designs. Gusberti FA, et al. **Schweiz Monatsschr Zahnmed** 1985 Jun;95(6):539–49

[Bonded bridges] Cuvelliez F. **Rev Belge Med Dent** 1985 Jan–Feb;40(1):10–5 (Eng. Abstr.) (Fre)

[Bonded enamel bridge in replacement of a maxillary molar] Miara P, et al. **Rev Odontostomatol (Paris)** 1984 May–Jun; 13(3):186–90 (Fre)

[New use of bonding in crown and bridge prosthesis: inlays-onlays and jacket crowns of composite resins] Touati B, et al. **Rev Odontostomatol (Paris)** 1984 May–Jun; 13(3):171–80 (Fre)

[The perforated cast adhesive bridge—the results of a longitudinal clinical study] Belser UC, et al. **Schweiz Monatsschr Zahnmed** 1985 Jul;95(7):560–74 (Eng. Abstr.) (Ger)

[The adhesive bridge—alternative maintenance of dental spaces? A review] Marinello CP, et al. **Schweiz Monatsschr Zahnmed** 1985 Mar;95(3):194–229 (Eng. Abstr.) (Ger)

[Scanning electron microscopic findings on metal etching for a Maryland Bridge (1)] Bertelli E, et al. **Minerva Stomatol** 1985 May–Jun;34(3):519–25 (Eng. Abstr.) (Ita)

[Choice of supporting teeth in designing a clasp denture] Khachaturov ER. **Stomatologiia (Mosk)** 1985 Mar–Apr; 64(2):58–60 (Eng. Abstr.) (Rus)

[Retention of resection dentures outside the resection cavity] Krmpotić I, et al. **Chir Maxillofac Plast** 1984;14(2–3):57–68 (Eng. Abstr.) (Scr)

ADVERSE EFFECTS

[Prosthesis-induced nodular chondrometaplasia of the maxilla] Makek MS, et al. **Schweiz Monatsschr Zahnmed** 1985 Jul;95(7):551–9 (Eng. Abstr.) (Ger)

ECONOMICS

Laboratory costs of cobalt-chromium partial dentures. Barsby MJ, et al. **Br Dent J** 1984 Nov 24;157(10):365–7

PSYCHOLOGY

The relationship of mental disorders with dental treatment dissatisfaction. Hayden-Smith P. **Br Dent J** 1984 Sep 8; 157(5):164–5

STANDARDS

[Prosthetic stomatologic care of citizens 60 years and older in the Stralsund-Land district, based on a representative sample in 1979] Schwebke B, et al. **ZFA** 1984 Sep–Oct;

39(5):263-9 (Eng. Abstr.) (Ger)

DENTURE, PARTIAL, FIXED

On functional strain in fixed mandibular reconstructions. II. An in vivo study. Glantz PO, et al. **Acta Odontol Scand** 1984 Oct;42(5):269-76

On functional strain in fixed mandibular reconstructions. I. An in vitro study. Glantz PO, et al. **Acta Odontol Scand** 1984 Aug;42(4):241-9

Long-term effects on chewing with mandibular fixed prostheses on osseointegrated implants. Lindquist LW, et al. **Acta Odontol Scand** 1985 Mar;43(1):39-45

The bonded bridge: an improved model? Jones ML, et al. **Br Dent J** 1984 Aug 25;157(4):138-40

The acid-etch bridge subsequent to the extraction of a traumatized maxillary permanent incisor. Morley KR, et al. **Can Dent Assoc J** 1985 Mar;51(3):207-9

Temporization techniques in fixed prosthodontics. Kaiser DA, et al. **Dent Clin North Am** 1985 Apr;29(2):403-12

Etched castings. An alternative approach to treatment. Wood M. **Dent Clin North Am** 1985 Apr;29(2):393-402 (19 ref.)

Long-term observations of an increased occlusal face height obtained by a combined orthodontic/prosthetic approach. Dahl BL, et al. **J Oral Rehabil** 1985 Mar;12(2):173-6

A long-term prognosis for the free-end saddle-bridge. Izikowitz L. **J Oral Rehabil** 1985 May;12(3):247-62

Splinting of teeth with fixed bridges: biological effect. Renggli HH, et al. **J Oral Rehabil** 1984 Nov;11(6):535-7

Prosthodontic laboratory and curriculum survey. Part III: Fixed prosthodontic laboratory survey. Aquilino SA, et al. **J Prosthet Dent** 1984 Dec;52(6):879-85

Castability of crown and bridge alloys. Asgar K, et al. **J Prosthet Dent** 1985 Jul;54(1):60-3

Recent advances in etched cast restorations. Barrack G. **J Prosthet Dent** 1984 Nov;52(5):619-26

An alternative resin-bonded restoration [letter] Broadrick LK. **J Prosthet Dent** 1985 Mar;53(3):444

Post-soldering free-standing porcelain-fused-to-metal pontics. Cohen SR, et al. **J Prosthet Dent** 1984 Sep;52(3):452-3

Bonding properties and dimensional stability of hydrocolloid impression systems in fixed prosthodontics. Dahl BL, et al. **J Prosthet Dent** 1985 Jun;53(6):796-800

Technique for applying porcelain to pontics of fixed partial dentures. Donovan TE, et al. **J Prosthet Dent** 1985 Jan;53(1):134-6

A system for localizing pontics. Faucher RR. **J Prosthet Dent** 1984 Nov;52(5):643-7

Provisional restorations for altered occlusions Fox CW, et al. **J Prosthet Dent** 1984 Oct;52(4):567-72

Endodontic considerations in the design of acid-etched anterior splints for patients with reduced periodontal support. Gholston LR, et al. **J Prosthet Dent** 1985 Jul;54(1):29-33

Quality of extensive fixed prosthodontics after five years. Glantz PO, et al. **J Prosthet Dent** 1984 Oct;52(4):475-9

Instrumentation for solving abutment parallelism problems in fixed prosthodontics. Gold HO. **J Prosthet Dent** 1985 Feb;53(2):172-9

Light-activated composite resin as an adjunct to the fabrication of fixed partial denture prosthesis. Goldstein GR. **J Prosthet Dent** 1985 Feb;53(2):161-3

A decade of progress for the adhesive fixed partial denture. Hamada T, et al. **J Prosthet Dent** 1985 Jul;54(1):24-9

Impression technique for construction of a crown or fixed partial denture. Hill GM. **J Prosthet Dent** 1985 Jan;53(1):127-8

Improving the casting accuracy of fixed partial dentures. Hinman RW, et al. **J Prosthet Dent** 1985 Apr;53(4):466-71

Particle-roughened resin-bonded retainers. Hudgins JL, et al. **J Prosthet Dent** 1985 Apr;53(4):471-6

Castability of silver-base fixed partial denture alloys. Kaminski RA, et al. **J Prosthet Dent** 1985 Mar;53(3):329-32

Combined die-investment stone and die-stone cast for making resin-retained prostheses. Kanoy BE, et al. **J Prosthet Dent** 1985 Feb;53(2):285-7

A clinical evaluation of two base metal alloys and a gold alloy for use in fixed prosthodontics: a five-year study. Moffa JP, et al. **J Prosthet Dent** 1984 Oct;52(4):491-500

Radiopaque transitional restorations. Mullick SC. **J Prosthet Dent** 1984 Dec;52(6):793-5

Clinical study of two luting cements used on student-treated patients: an interim report. Oilo G, et al. **J Prosthet Dent** 1984 Oct;52(4):518-22

Successful integration of fixed and removable prosthodontics. Seals RR Jr, et al. **J Prosthet Dent** 1985 Jun;53(6):763-6

Prosthodontic laboratory and curriculum survey. Part IV: Fixed prosthodontic curriculum survey. Taylor TD, et al. **J Prosthet Dent** 1985 Feb;53(2):267-70

A conservative prosthodontic appliance for the pediatric patient. Pollack D, et al. **NY J Dent** 1985 Feb;55(2):59-60

Etched cast restorations. A five-year review. Barrack G. **NY State Dent J** 1985 Apr;51(4):220-2

Electrosurgery and subgingival retraction in fixed prosthodontics. Cavallaro J. **NY State Dent J** 1985 Apr;51(4):205-6

Fixed prosthodontics in the restoration of a collapsed dentition. A case report. Ghelili K. **NY State Dent J** 1985 Apr;51(4):218-9

The provisional restoration. Vahidi F. **NY State Dent J** 1985 Apr;51(4):208, 210-1

Casting accuracy of a nickel and beryllium-free cobalt-chromium alloy for crown and bridge prostheses and resin-bonded bridges. Hansson O. **Swed Dent J** 1985;9(3):105-15

[Use of fixed spacers in children] Slavik J. **Sb Lek** 1984 Dec;86(11-12):361-7 (Eng. Abstr.) (Cze)

[Choice of a basic technic for impressions with fixed prostheses] Delmoitié L. **Rev Belge Med Dent** 1985 Mar-Apr;40(2):60-4 (Eng. Abstr.) (Fre)

[Orthodontic treatment of anterosuperior bridge?] Limme M. **Rev Belge Med Dent** 1984 Jun-Jul;39(3):83-7 (Eng. Abstr.) (Fre)

[Prosthetic appliances for adults with unilateral and bilateral labiopalatine clefts] Putz M, et al. **Rev Belge Med Dent** 1984 Aug-Sep;39(4):134-41 (Eng. Abstr.) (Fre)

[Anterior tooth loss in juvenile dentition. Therapeutic possibilities from the viewpoint of the prosthodontist] Holste T. **Dtsch Zahnarztl Z** 1984 Jun;39(6):430-2 (Eng. Abstr.) (Ger)

[Cast arrowhead clasp as an anchorage element for a maxillary resection prosthesis on the residual dentition] Kühl W. **Dtsch Zahnarztl Z** 1984 Jul;39(7):502-3 (Eng. Abstr.) (Ger)

[Precious metals and nonprecious metals in fixed prostheses] Schwickerath H. **Rev Belge Med Dent** 1985 Jan-Feb;40(1):2-9 (Ger)

[Spring bridge] al-Roubaie AM. **Fogorv Sz** 1985 Jul;78(7):216-9 (Eng. Abstr.) (Hun)

[Use of the Preci-Line anchoring device in the class 2A, 2A/1 and 2B partially edentulous mouth] Tóth J, et al. **Fogorv Sz** 1985 Feb;78(2):46-9 (Eng. Abstr.) (Hun)

[Principles of construction theory in removable and fixed prosthetic reconstructions. I. General introduction] Bernardini UD, et al. **Minerva Stomatol** 1984 Sep-Oct;33(5):841-7 (Eng. Abstr.) (Ita)

[History of fixed prosthodontics] Tavares V. **Rev Port Estomatol Cir Maxilofac** 1984 Oct-Dec;25(4):1103-18 (Por)

[The effect of the degree of processing of denture materials used in the construction of fixed dentures on gingival health] Teodosijević M, et al. **Vojnosanit Pregl** 1985 Mar-Apr;42(2):111-4 (Eng. Abstr.) (Ser)

ADVERSE EFFECTS

Subpontic osseous proliferation. Burkes EJ Jr, et al. **J Prosthet Dent** 1985 Jun;53(6):780-5

[Local and regional complications of a fixed partial denture] Thibault J. **Rev Stomatol Chir Maxillofac** 1984;85(6):505-6 (Eng. Abstr.) (Fre)

PSYCHOLOGY

Changes of attitude in fixed prosthodontic patients. Conny DJ, et al. **J Prosthet Dent** 1985 Apr;53(4):451-4

DENTURE, PARTIAL, REMOVABLE

A longitudinal survey of removable partial dentures. I. Patient assessment of dentures. Lechner SK. **Aust Dent J** 1985 Apr;30(2):112-7

Changes in abutment tooth mobility by wearing parital denture: a continued report. Goto T. **Bull Tokyo Med Dent Univ** 1984 Sep;31(3):127-37

Frequency and suppliers of removable dentures in Finland in 1983. Laine P, et al. **Community Dent Oral Epidemiol** 1985 Feb;13(1):47-50

Symposium on semiprecision attachments in removable partial dentures. **Dent Clin North Am** 1985 Jan;29(1):1-237

Functional forces with removable partial dentures. Argerakis GP. **Dent Clin North Am** 1985 Jan;29(1):67-80

Symposium on semiprecision attachments in removable partial dentures. Trouble-shooting, repairs, and relining. Finger IM. **Dent Clin North Am** 1985 Jan;29(1):199-214

Periodontal considerations and guidelines for therapy. Franzetti JJ. **Dent Clin North Am** 1985 Jan;29(1):17-38

Impression procedures for semiprecision removable partial dentures. Miglino JC. **Dent Clin North Am** 1985 Jan;29(1):133-48

Crown preparations for semiprecision attachment removable partial dentures. Panno FV. **Dent Clin North Am** 1985 Jan;29(1):117-32

Symposium on semiprecision attachments in removable partial dentures. Laboratory procedures. Pomerantz S. **Dent Clin North Am** 1985 Jan;29(1):171-83

The role of transitionals in mouth rehabilitation. Silverman S. **Dent Clin North Am** 1985 Jan;29(1):163-70

Review of removable partial denture components and their design as related to maintenance of tissue health. Weintraub GS. **Dent Clin North Am** 1985 Jan;29(1):39-56

Symposium on semiprecision attachments in removable partial dentures. Occlusal relationships. Whitbeck P, et al. **Dent Clin North Am** 1985 Jan;29(1):149-62

A review of extracoronal and intracoronal retainer systems. Winkler S, et al. **Dent Clin North Am** 1985 Jan;29(1):57-66

Symposium on semiprecision attachments in removable partial dentures. Extracoronal attachments. Wolfe RE. **Dent Clin North Am** 1985 Jan;29(1):185-98

Nonlocking types of semiprecision attachments. Zinner ID. **Dent Clin North Am** 1985 Jan;29(1):97-115

Locking types of semiprecision attachments. Zinner ID. **Dent Clin North Am** 1985 Jan;29(1):81-96

Clinical studies on K.I. clasps. Ishigami K, et al. **J Nihon Univ Sch Dent** 1984 Dec;26(4):295-300

A cantilevered swinglock removable partial denture design for the treatment of the partial mandibulectomy patient. Adams D. **J Oral Rehabil** 1985 Mar;12(2):113-8

New sustained release dosage form of chlorhexidine for dental use: use for plaque control in partial denture wearers. Hirschfeld Z, et al. **J Oral Rehabil** 1984 Sep;11(5):477-82

Reaction of the anterior abutment of a Kennedy Class II removable partial denture to various clasp arm designs: an in vitro study. Firtell DN, et al. **J Prosthet Dent** 1985 Jan;53(1):77-82

Abrasion resistant casts for removable partial dentures. Fox CW, et al. **J Prosthet Dent** 1984 Nov;52(5):763

A simplified alternative to the altered-cast impression technique for removable partial dentures. James JS. **J Prosthet Dent** 1985 Apr;53(4):598

An interim obturator prosthesis with duplicated teeth and palate. Kouyoumdjian JH, et al. **J Prosthet Dent** 1984 Oct;52(4):560-2

Etched castings as an adjunct to mouth preparation for removable partial dentures. Leupold RJ, et al. **J Prosthet Dent** 1985 May;53(5):655-8

Putty materials for stable removable partial denture bases. Mitchener RW, et al. **J Prosthet Dent** 1985 Mar;53(3):435-6

Management of loading forces on mandibular distal-extension prostheses. Part I: Evaluation of concepts for design. Monteith BD. **J Prosthet Dent** 1984 Nov;52(5):673-81

Management of loading forces on mandibular distal-extension prostheses. Part II: Classification for matching modalities to clinical situations. Monteith BD. **J Prosthet Dent** 1984 Dec;52(6):832-6

Duplicate casts in fabrication of temporary removable partial dentures. Nelson DR, et al. **J Prosthet Dent** 1985 Mar;53(3):441-2

Modified finish line in distal extension maxillary removable partial dentures. Nelson DR, et al. **J Prosthet Dent** 1985 Apr;53(4):593-4

Aluminum-based temporary removable partial dentures. Nelson DR, et al. **J Prosthet Dent** 1985 Jun;53(6):877-9

Custom-made denture teeth and denture base material for removable partial dentures. Schulter CW. **J Prosthet Dent** 1985 Feb;53(2):271-6

Successful integration of fixed and removable prosthodontics. Seals RR Jr, et al. **J Prosthet Dent** 1985 Jun;53(6):763-6

Restoring abutment teeth with cast restorations to fit existing removable partial dentures. Sigaroudi K. **J Prosthet Dent** 1985 May;53(5):628-31

Effect of retentive arm clasp design on gingival health: a feasibility study. Spielberger MC, et al. **J Prosthet Dent** 1984 Sep;52(3):397-401

Clinical evaluation of removable partial denture rest seat adaptation. Stern MA, et al. **J Prosthet Dent** 1985 May;53(5):658-62

Prosthodontic survey. Part II: Removable prosthodontic curriculum survey. Taylor TD, et al. **J Prosthet Dent** 1984 Nov;52(5):747-9

Prosthodontic survey. Part I: Removable prosthodontic laboratory survey. Taylor TD, et al. **J Prosthet Dent** 1984 Oct;52(4):598-601

Use of a palatal reservoir in denture patients with xerostomia. Toljanic JA, et al. **J Prosthet Dent** 1984 Oct;52(4):540-4

Tooth preparation guide for embrasure clasp designs. von Gonten AS, et al. **J Prosthet Dent** 1985 Feb;53(2):281-2

Laboratory pitfalls that contribute to embrasure clasp failure. von Gonten AS, et al. **J Prosthet Dent** 1985 Jan;53(1):136-8

Enhanced retention for the distal extension-base removable partial denture using a heat-cured resilient soft liner. Whitsitt JA, et al. **J Prosthet Dent** 1984 Sep;52(3):447-8

Vitallium removable overlays for deep overbite—case report. Taylor RM. **NZ Dent J** 1985 Jan;81(363):28-9

Evaluation of load transmission by removable partial dentures. Pezzoli M, et al. **Panminerva Med** 1984 Apr-Jun;26(2):83-6

Assessment of the state of removable dentures worn by 58 year old men in Kuopio. Yli-Urpo A, et al. **Proc Finn Dent Soc** 1985;81(1):36-41

Effects of rehabilitation with conventional removable partial dentures on oral health—a cross-sectional study. Germundsson B, et al. **Swed Dent J** 1984;8(4):171-82

[Anterior tooth loss in juvenile dentition. Therapeutic possibilities from the viewpoint of the prosthodontist] Holste T. **Dtsch Zahnarztl Z** 1984 Jun;39(6):430-2 (Eng. Abstr.) (Ger)

[Principles of construction theory in removable and fixed prosthetic reconstructions. I. General introduction] Bernardini UD, et al. **Minerva Stomatol** 1984 Sep-Oct;33(5):841-7 (Eng. Abstr.) (Ita)

[Controlled force-distribution prosthesis made of nonprecious metal] Borio PS, et al. **Minerva Stomatol** 1985 May-Jun;34(3):535-41 (Eng. Abstr.) (Ita)

[Assessment of the transmission of prosthetic loads by reflexion photoelasticity] Pezzoli M, et al. **Minerva Stomatol** 1985 Jan-Feb;34(1):31-8 (Ita)

[Comparative test of different types of removable dentures by means of photoelastic reflection] Pezzoli M, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):369-79 (Eng. Abstr.) (Ita)

ADVERSE EFFECTS

Bilateral recurrent submandibular obstructive sialadenitis. Zacharides N. **J Oral Med** 1985 Apr-Jun;40(2):86, 103

Oral mucosal disorders in denture wearers. Dorey JL, et al.

J Prosthet Dent 1985 Feb;53(2):210-3

Abrasion of enamel and composite resin by removable partial denture clasps. Hebel KS, et al. **J Prosthet Dent** 1984 Sep; 52(3):389-97

[Psychogenic prosthesis intolerance: therapeutic possibilities] Fassbind O. **Schweiz Monatsschr Zahnmed** 1985 Jul; 95(7):595-8 (Ger)

STANDARDS

[Theoretical and practical questions concerning the construction of removable partial dentures] Szabó G, et al. **Fogorv Sz** 1985 Apr;78(4):103-8 (Eng. Abstr.) (Hun)

[The sublingual bar] Tóth P, et al. **Fogorv Sz** 1985 Aug; 78(8):239-41 (Eng. Abstr.) (Hun)

DENTURE, PARTIAL, TEMPORARY

Temporization techniques in fixed prosthodontics. Kaiser DA, et al. **Dent Clin North Am** 1985 Apr;29(2):403-12

Technique for cementation of provisional restorations. Campagni WV. **J Prosthet Dent** 1985 Jul;54(1):13-5

A technique for plastic margins on temporary crowns. DeNamur TJ. **J Prosthet Dent** 1985 Jun;53(6):883

Provisional restorations for altered occlusions. Fox CW, et al. **J Prosthet Dent** 1984 Oct;52(4):567-72

Light-activated composite resin as an adjunct to the fabrication of fixed partial denture prosthesis. Goldstein GR. **J Prosthet Dent** 1985 Feb;53(2):161-3

A two-pour technique for investing interim partial dentures. Green AJ, et al. **J Prosthet Dent** 1985 Jul;54(1):151-2

Temporary reversible post and core restoration for multirooted teeth. Matheney JL. **J Prosthet Dent** 1984 Sep; 52(3):338-40

Radiopaque transitional restorations. Mullick SC. **J Prosthet Dent** 1984 Dec;52(6):793-5

Duplicate casts in fabrication of temporary removable partial dentures. Nelson DR, et al. **J Prosthet Dent** 1985 Mar; 53(3):441-2

Aluminum-based temporary removable partial dentures. Nelson DR, et al. **J Prosthet Dent** 1985 Jun;53(6):877-9

The provisional restoration. Vahidi F. **NY State Dent J** 1985 Apr;51(4):208, 210-1

[Steel-isosite bridges—a semipermanent temporary appliance in periodontics?] Rüeger K. **Schweiz Monatsschr Zahnmed** 1985 Apr;95(4):353-63 (Eng. Abstr.) (Ger)

DENTURE, PRECISION ATTACHMENT

Symposium on semiprecision attachments in removable partial dentures. **Dent Clin North Am** 1985 Jan;29(1):1-237

Symposium on semiprecision attachments in removable partial dentures. Trouble-shooting, repairs, and relining. Finger IM. **Dent Clin North Am** 1985 Jan;29(1):199-214

Impression procedures for semiprecision removable partial dentures. Miglino JC. **Dent Clin North Am** 1985 Jan; 29(1):133-46

Crown preparations for semiprecision attachment removable partial dentures. Panno FV. **Dent Clin North Am** 1985 Jan; 29(1):117-32

Symposium on semiprecision attachments in removable partial dentures. Laboratory procedures. Pomerantz S. **Dent Clin North Am** 1985 Jan;29(1):171-83

The role of transitionals in mouth rehabilitation. Silverman S. **Dent Clin North Am** 1985 Jan;29(1):163-70

Symposium on semiprecision attachments in removable partial dentures. Extracoronal attachments. Wolfe RE. **Dent Clin North Am** 1985 Jan;29(1):185-98

Nonlocking types of semiprecision attachments. Zinner ID. **Dent Clin North Am** 1985 Jan;29(1):97-115

Locking types of semiprecision attachments. Zinner ID. **Dent Clin North Am** 1985 Jan;29(1):81-96

Technique for fabrication of the mandibular denture over the staple bone implant using a permanent heat-cured base. Goll GE, et al. **J Prosthet Dent** 1985 Jun;53(6):820-4

Modifications of the superstructure for the staple implant. Guerra LR, et al. **J Prosthet Dent** 1984 Dec;52(6):858-61

Nonvertical loaded minimal stress attachment with the mandibular staple implant. Hadeed GJ, et al. **J Prosthet Dent** 1985 Jun;53(6):824-7

Clip attachment for the mandibular staple implant. Hurtado AJ, et al. **J Prosthet Dent** 1984 Nov;52(5):715-7

Intraradicular attachments in overdentures. Lasoff M. **NY State Dent J** 1984 Dec;50(10):669-70, 672

[Modified method of preparing Dolder's bar—laboratory tests] Novák Z. **Sb Lek** 1984 Dec;86(11-12):321-9 (Eng. Abstr.) (Cze)

[Cast arrowhead clasp as an anchorage element for a maxillary resection prosthesis on the residual dentition] Kühl W. **Dtsch Zahnarztl Z** 1984 Jul;39(7):502-3 (Eng. Abstr.) (Ger)

DENTURE REBASING

Symposium on semiprecision attachments in removable partial dentures. Trouble-shooting, repairs, and relining. Finger IM. **Dent Clin North Am** 1985 Jan;29(1):199-214

Denture flange modification for autopolymerizing and heat-processed resilient denture liners. Saunders TR, et al. **J Prosthet Dent** 1985 Jan;53(1):133-4

Rebasing metal-based complete mandibular dentures. Sherman JR Jr, et al. **J Prosthet Dent** 1985 Jan;53(1):130-2

DENTURE RELINING see DENTURE REBASING

DENTURE RETENTION see DENTAL PROSTHESIS RETENTION

DENTURE STABILITY see DENTAL PROSTHESIS RETENTION

DENTURES see DENTAL PROSTHESIS

DENTURISTS see under DENTAL AUXILIARIES

DEODORANTS

ADVERSE EFFECTS

Is there an air freshener syndrome? Lawson RH. **Bristol Med Chir J** 1985 Jan;100(373):10-3

THERAPEUTIC USE

Aluminum chloride hexahydrate treatment of localized epidermolysis bullosa. Jennings JL. **Arch Dermatol** 1984 Oct;120(10):1382

DEONTOLOGICAL ETHICS see ETHICS

DEOXY SUGARS

Application of molecular-mechanics calculations to D-glucal and its acetate; a comparison of X-ray and n.m.r. results. Korytnyk W, et al. **Carbohydr Res** 1984 Aug 1; 131(1):157-65

The synthesis of 2-[F-18]fluoro-2-deoxy-D-glucose using glycals: a reexamination. Bida GT, et al. **J Nucl Med** 1984 Dec;25(12):1327-34

Pulse radiolysis studies of the interactions of the sulfhydryl compound dithiothreitol and sugars. Held KD, et al. **Radiat Res** 1985 Aug;103(2):171-85

ANTAGONISTS & INHIBITORS

Guanethidine blocks the 2-deoxy-D-glucose-induced hypothalamic noradrenergic drive to hyperglycemia. Storlien LH, et al. **Brain Res** 1985 May 27;335(1):144-7

Dopaminergic and serotoninergic anorectics differentially antagonize insulin- and 2-DG-induced hyperphagia. Carruba MO, et al. **Life Sci** 1985 May 6;36(18):1739-49

Naloxone inhibits the plasma epinephrine response to ACTH but not to 2-deoxy-D-glucose in rats. Okajima T, et al. **Life Sci** 1984 Nov 26;35(22):2177-81

Estradiol and progesterone suppress feeding induced by 2-deoxy-D-glucose. McDermott LJ, et al. **Physiol Behav** 1984 May;32(5):731-6

BLOOD

Automation of a fluorometric method for the determination of 2-deoxy-D-glucose. Vittorio N, et al. **Anal Biochem** 1984 Sep;141(2):423-8

CHEMICAL SYNTHESIS

Aromatic and heterocyclic 1-C-substituted derivatives of 1,5-anhydro-D-glucitol. Grynkiewicz G, et al. **Carbohydr Res** 1984 Aug 15;131(2):273-6

The use of C-18 SEP PAK cartridges to simplify routine production of 2-deoxy-2-[18F]fluoro-D-glucose. Adam MJ, et al. **Int J Appl Radiat Isot** 1984 Oct;35(10):985-6

Synthesis of [18F]2-deoxy-2-fluoro-D-glucose from highly reactive [18F]tetraethylammonium fluoride prepared by hydrolysis of [18F]fluorotrimethylsilane. Hutchins LG, et al. **Int J Appl Radiat Isot** 1985 May;36(5):375-8

Misplaced hydroxyl group in figure: the synthesis of 2-[F-18] fluoro-2-deoxy-D-glucose using glycals [letter] Bida G. **J Nucl Med** 1985 Sep;26(9):1101

The synthesis of 2-[F-18]fluoro-2-deoxy-D-glucose using glycals: a reexamination. Bida GT, et al. **J Nucl Med** 1984 Dec;25(12):1327-34

DIAGNOSTIC USE

Validation of 3-deoxy-3-fluoro-D-glucose as a glucose transport analogue in rat heart. Halama JR, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H754-9

11C-2-deoxy-D-glucose: synthesis and preliminary comparison with 11C-D-glucose as a tracer for cerebral energy metabolism in PET studies. Stone-Elander S, et al. **Eur J Nucl Med** 1985;10(11-12):481-6

Experimental studies on myocardial glucose metabolism of rats with 18F-2-fluoro-2-deoxy-D-glucose. Yamada K, et al. **Eur J Nucl Med** 1985;10(7-8):341-5

Quantitative analysis and two-dimensional reconstruction of the tonotopic organization of the auditory field L in the chick from 2-deoxyglucose data. Heil P, et al. **Exp Brain Res** 1985;58(3):532-43

Computer-assisted analyses of [14C]2-DG autoradiographs employing a general purpose image processing system. Porro C, et al. **J Neurosci Methods** 1984 Sep;11(4):243-50

Uptake of gallium-67 citrate and [2-3H]deoxyglucose in the tumor model, following chemotherapy and radiotherapy. Iosilevsky G, et al. **J Nucl Med** 1985 Mar;26(3):278-82

Imaging of hepatoma with 18F-fluorodeoxyglucose [letter] Paul R, et al. **Lancet** 1985 Jan 5;1(8419):50-1

Use of 3-fluoro-deoxyglucose for the assessment of cerebral perfusion and glucose transport. II. Evaluation of patients undergoing EC-IC bypass surgery. Mehdorn HM, et al. **Neurol Res** 1985 Jun;7(2):68-74

Use of 3-fluoro-deoxyglucose for the assessment of cerebral perfusion and glucose transport. I. Theory. Vyska K, et al. **Neurol Res** 1985 Jun;7(2):63-7

Imaging of canine cancers with 18F-2-fluoro-2-deoxy-D-glucose (FDG) suggests further applications for cancer imaging in man. Paul R, et al. **Nucl Med Commun** 1984 Oct;5(10):641-6

Positron emission tomography study of regional glucose metabolism in cerebral ischemia—topographic and kinetic aspects. Pawlik G, et al. **Prog Brain Res** 1984;62:253-62

[Localized imaging with 18F-fluorodeoxyglucose] Paul R, et al. **Duodecim** 1985;101(12):1167-77 (Fin)

[Experimental study for tumor detection using 18F-2-fluoro-deoxy-D-glucose: imaging of rabbit VX2-tumor with single photon gamma camera] Abe Y, et al. **Kaku Igaku** 1985 Mar;22(3):389-91 (Eng. Abstr.) (Jpn)

[Tomographic mapping of rate constants of [F-18] FDG model] Sasaki H, et al. **Kaku Igaku** 1985 Jan;22(1):81-4 (Eng. Abstr.) (Jpn)

METABOLISM

Stimulatory effect of polyprenoic acid E5166 on 2-deoxy-D-glucose uptake by Swiss 3T3 cells. Hasegawa T, et al. **Acta Vitaminol Enzymol** 1984;6(4):251-7

[14C]deoxyglucose incorporation into rat brain regions during hypothalamic or peripheral thermal stimulation. Morimoto A, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):R84-92

Local cerebral glucose utilization in systemic acidosis. Van Nimmen D, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R639-45

Regulation of insulin binding and stimulation of sugar transport in cultured human fibroblasts by sugar levels in the culture medium. Germinario RJ, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):559-66

Abnormality of 2-deoxyglucose uptake kinetics in fibroblasts at low concentrations. Cynober L, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):535-42

Nicotinamide and other inhibitors of ADP-ribosylation block deoxyglucose uptake in cultured cells. Grunfeld C, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):785-91

Stimulation of hexose uptake in rat thymic lymphocytes by phorbol ester. A role for Ca2+ and Na+/H+ exchange? Klip A, et al. **Biochem Biophys Res Commun** 1984 Oct 15; 124(1):14-22

Reactivity of hydroxyl and hydroxyl-like radicals discriminated by release of thiobarbituric acid-reactive material from deoxy sugars, nucleosides and benzoate. Gutteridge JM. **Biochem J** 1984 Dec 15;224(3):761-7

Subcortical changes in the regional uptake of [3H]-2-deoxyglucose in the brain of the monkey during experimental choreiform dyskinesia elicited by injection of a gamma-aminobutyric acid antagonist into the subthalamic nucleus. Mitchell IJ, et al. **Brain** 1985 Jun;108 (Pt 2):405-22

Effects of water deprivation and deamino [8-D-arginine] vasopressin on [14C]2-deoxyglucose uptake by the hypothalamo-hypophysial system in mice with hereditary nephrogenic diabetes insipidus. Sutherland RC, et al. **Brain Res** 1985 Aug 12;340(2):297-303

Effect of mating on the metabolic activity of the brain and pituitary gland assessed by [14C]2-deoxyglucose in a reflex ovulator, the vole (Microtus agrestis). Sutherland RC, et al. **Brain Res** 1984 Oct 8;311(2):317-22

Local cerebral metabolic effects induced by nigral stimulation following ventromedial thalamic lesions. I: Basal ganglia and related motor structures. Savaki HE, et al. **Brain Res Bull** 1984 Jun;12(6):609-16

Hexose transport in plasma membrane vesicles of rat myoblast L6. Cheung MO, et al. **Can J Biochem Cell Biol** 1984 Nov;62(11):1217-27

The 2-deoxyglucose uptake method as a first screen for neurotoxic compounds. Muller P, et al. **Can J Physiol Pharmacol** 1984 Aug;62(8):998-1009

Insulin binding and 2-deoxy-D-glucose uptake in fast- and slow-twitch mouse skeletal muscle at 18 and 37 degrees C. Watson-Wright WM, et al. **Can J Physiol Pharmacol** 1984 Dec;62(12):1460-5

Inhibitory contours in the inferior colliculus as revealed by the 2-deoxyglucose method. Webster WR, et al. **Exp Brain Res** 1984;56(3):577-81

Effects of cholesterol autoxidation derivatives on hexose transport in cultured aortic smooth muscle cells. Hill JC, et al. **Exp Mol Pathol** 1984 Oct;41(2):249-57

2-Deoxyglucose uptake in the central nervous system during systemic hypercapnia in the peripherally chemodenervated rat. Ciriello J, et al. **Exp Neurol** 1985 Jun;88(3):673-87

2-Deoxyglucose uptake in the thalamus of awake rats after neocortical ablations. Cooper RM, et al. **Exp Neurol** 1984 Nov;86(2):261-71

The effect of insulin and noradrenaline on the uptake of 2-[1-14C]deoxyglucose in vivo by brown adipose tissue and other glucose-utilising tissues of the mouse. Cooney GJ, et al. **FEBS Lett** 1985 Sep 2;188(2):257-61

Cochlear deoxyglucose uptake: relationship to stimulus intensity. Goodwin PC, et al. **Hear Res** 1984 Sep; 15(3):215-24

The central auditory pathway of the gerbil Psammomys obesus: a deoxyglucose study. Melzer P. **Hear Res** 1984 Aug;15(2):187–95

Fatty acid mobilization to 2–deoxyglucose is blocked by globus pallidus lesions. Gunion MW, et al. **J Auton Nerv Syst** 1984 Sep;11(2):161–71

Insulin binds to specific receptors and stimulates 2–deoxy–D–glucose uptake in cultured glial cells from rat brain. Clarke DW, et al. **J Biol Chem** 1984 Oct 10; 259(19):11672–5

Evidence for the involvement of vicinal sulfhydryl groups in insulin-activated hexose transport by 3T3–L1 adipocytes. Frost SC, et al. **J Biol Chem** 1985 Mar 10; 260(5):2646–52

The deoxyglucose method adapted for studies of glucose metabolism in the early chick embryo. Baroffio A, et al. **J Cell Physiol** 1985 Apr;123(1):111–6

Stimulation of hexose uptake by haemopoietic cell growth factor occurs in WEHI–3B myelomonocytic leukaemia cells: a possible mechanism for loss of growth control. Whetton AD, et al. **J Cell Physiol** 1985 Apr;123(1):73–8

Comparative regional analysis of 2–fluorodeoxyglucose and methylglucose uptake in brain of four stroke patients. With special reference to the regional estimation of the lumped constant. Gjedde A, et al. **J Cereb Blood Flow Metab** 1985 Jun;5(2):163–78

Intercorrelations of glucose metabolic rates between brain regions: application to healthy males in a state of reduced sensory input. Horwitz B, et al. **J Cereb Blood Flow Metab** 1984 Dec;4(4):484–99

An improved approach for measurement of regional cerebral rate constants in the deoxyglucose method with positron emission tomography. Kato A, et al. **J Cereb Blood Flow Metab** 1984 Dec;4(4):555–63

Glucose metabolic rate kinetic model parameter determination in humans: the lumped constants and rate constants for [18F]fluorodeoxyglucose and [11C]deoxyglucose. Reivich M, et al. **J Cereb Blood Flow Metab** 1985 Jun;5(2):179–92

Insulin receptor down–regulation is linked to an insulin–induced postreceptor defect in the glucose transport system in rat adipocytes. Garvey WT, et al. **J Clin Invest** 1985 Jul;76(1):22–30

In vitro detection of endothelial cell damage using 2–deoxy–D–3H–glucose: comparison with chromium 51, 3H–leucine, 3H–adenine, and lactate dehydrogenase. Andreoli SP, et al. **J Lab Clin Med** 1985 Sep;106(3):253–61

Determinants of deoxyglucose uptake in cultured astrocytes: the role of the sodium pump. Brookes N, et al. **J Neurochem** 1985 Feb;44(2):473–9

Metabolic fluxes between [14C]2–deoxy–D–glucose and [14C]2–deoxy–D–glucose–6–phosphate in brain in vivo. Huang MT, et al. **J Neurochem** 1985 Feb;44(2):567–73

Apparent glucose utilization in Walker 256 metastatic brain tumors. Blasberg RG, et al. **J Neurooncol** 1985;3(2):153–64

Uptake of glucose analogues into cultured cerebral microvessel endothelium. Vinters HV, et al. **J Neuropathol Exp Neurol** 1985 Sep;44(5):445–58

A simplified method for computerized densitometry of complex shapes in 2–deoxyglucose autoradiographs. Kauer JS, et al. **J Neurosci Methods** 1984 Aug;11(3):143–58

The effect of insulin and hydrocortisone on the in vivo tissue uptake of 2–deoxyglucose in mice. Skillman CA, et al. **J Pharmacol Methods** 1984 Sep;12(2):125–40

Effect of hyperbaric oxygen on 2–deoxy–D–glucose and L–glutamate transport in rat cortical synaptosomes. Wheeler DD, et al. **Neurochem Res** 1984 Aug;9(8):1075–83

Regional brain uptake of 2–deoxyglucose in N–methyl–4–phenyl–1,2,3,6–tetrahydropyridine (MPTP)–induced parkinsonism in the macaque monkey. Crossman AR, et al. **Neuropharmacology** 1985 Jun; 24(6):587–91

Classical conditioning enhances auditory 2–deoxyglucose patterns in the inferior colliculus. Gonzalez–Lima F, et al. **Neurosci Lett** 1984 Sep 28;51(1):79–85

Attempts to combine 2–deoxyglucose autoradiography and tyrosine hydroxylase immunohistochemistry. Hökfelt T, et al. **Neuroscience** 1984 Oct;13(2):495–512

Tumor localization with 18F–2–fluoro–2–deoxy–D–glucose: comparative autoradiography, glucose 6–phosphatase histochemistry, and histology of renally implanted sarcoma of the rat. Paul R, et al. **Res Exp Med (Berl)** 1985; 185(2):87–94

Monitoring the time course of cerebral deoxyglucose metabolism by 31P nuclear magnetic resonance spectroscopy. Deuel RK, et al. **Science** 1985 Jun 14; 228(4705):1329–31

Is hyperpolarization a transducer of insulin action? Zierler K, et al. **Trans Assoc Am Physicians** 1983;96:203–8

[Cerebral energy metabolism as an indicator of the brain activity. The [14C] deoxyglucose method] Kato M. **Fukuoka Igaku Zasshi** 1984 Sep;75(9):513–5 (11 ref.) **(Jpn)**

[Comparative distribution study of 14C labeled amino acids, glucose–analogue and precursor of nuclei acid, as tumor seeking agents] Shiba K, et al. **Radioisotopes** 1984 Aug; 33(8):526–32 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

In vitro serum glycogenolytic activity in rats during hypothermia induced with 2–deoxy–D–glucose. Paluszak J, et al. **Acta Physiol Pol** 1984 May–Jun;35(3):237–41

Glucose analogues alter the response of CHO–KI cells to gamma irradiation. Seymour CB, et al. **Acta Radiol [Oncol]** 1985 Jul–Aug;24(4):351–6

Dissociation of the inhibitory effects of 2–deoxy–D–glucose on Vero cell growth and the replication of herpes simplex virus. Spivack JG, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):284–8

Role of 2–deoxy–D–glucose in the inhibition of phagocytosis by mouse peritoneal macrophage. Sung SS, et al. **Biochim Biophys Acta** 1985 May 30;845(2):204–15

The action of (S)–alpha–chlorohydrin and 6–chloro–6–deoxyglucose on the metabolism of guinea pig spermatozoa. Jones AR, et al. **Contraception** 1984 Sep; 30(3):261–9

Effects of intracellular glucopenia on pulsatile growth hormone secretion: mediation in part by somatostatin. Painson JC, et al. **Endocrinology** 1985 Sep;117(3):1132–8

Lesions involving the suprachiasmatic nucleus eliminate the glucagon response to intracranial injection of 2–deoxy–D–glucose. Yamamoto H, et al. **Endocrinology** 1985 Aug;117(2):468–73

Suppression of kinetic cooperativity of hexokinase D (glucokinase) by competitive inhibitors. A slow transition model. Cárdenas ML, et al. **Eur J Biochem** 1984 Nov 15; 145(1):163–71

Cholinergic effect of 2–deoxy–D–glucose on plasma glucagon levels in conscious rats. Haito K, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:110–3

Maintenance of neonatal endocrine cells of the rat: III. Effect of 2–deoxy–2–fluoroglucose on the responses to glucose, leucine and 2–ketoisocaproate. Wakabayashi S, et al. **Horm Metab Res** 1984 Dec;16(12):672–3

Effect of 2–deoxy–D–glucose on maintenance in culture of neonatal B cell of rat. Yoshida K, et al. **In Vitro** 1984 Oct; 20(10):756–62

Effects of 2–deoxy–D–glucose on glycolysis, proliferation kinetics and radiation response of human cancer cells. Jain VK, et al. **Int J Radiat Oncol Biol Phys** 1985 May; 11(5):943–50

Effects of intra–cerebroventricular 2–DG infusion and subsequent hypothalamic lesion on adrenal nerve activity in the rat. Katafuchi T, et al. **J Auton Nerv Syst** 1985 May; 13(1):81–4

The effect of glucose deprivation or 2–deoxy–D–glucose on the monodeiodination of thyroxine in human fibroblasts in culture. Ishikawa S, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):252–7

Inhibition of human natural killer activity by 2–deoxy–D–glucose and other sugars. Schlesinger M, et al. **J Clin Lab Immunol** 1984 Sep;15(1):19–26

Maintenance of neonatal rat B cells in glucose–depleted medium: effect of medium with galactose and 2–deoxyglucose. Wakabayashi S, et al. **J Endocrinol** 1984 Dec;103(3):377–81

The action of 2–deoxy–D–glucose on the incorporation of glucose into (1——3)–beta–glucan in stationary phase cultures of Candida albicans. Gale EF, et al. **J Gen Microbiol** 1984 Dec;130 (Pt 12):3303–11

Poliovirus and vesicular stomatitis virus replication in the presence of 6–diazo–5–oxo–L–norleucine or 2–deoxy–D–glucose. Goldstein G, et al. **J Med Virol** 1984; 14(2):159–67

Feeding in response to insulin and 2–deoxy–D–glucose in Zucker rats on dietary self–selection. Matsuo T, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Jun;30(3):265–72

Influence of 2–deoxy–D–glucose and energy substrates on guinea–pig sperm capacitation and acrosome reaction. Hyne RV, et al. **J Reprod Fertil** 1985 Jan;73(1):59–69

Elevation of plasma triglyceride levels due to 2–deoxy–D–glucose in conscious rats. Haito K, et al. **Life Sci** 1984 Oct 29;35(18):1821–7

Effect of 2–deoxy–D–glucose on hypothalamic–pituitary–thyroid axis in rats. Martino E, et al. **Life Sci** 1984 Oct 8;35(15):1569–74

Effects of systemic or intracerebroventricular naloxone injection on basal and 2–deoxy–D–glucose–induced ingestive behavior. Pénicaud L, et al. **Life Sci** 1984 Dec 3;35(23):2297–302

Effects of 2–deoxyglucose on plasma catecholamines in adult and aged rats. McCarty R. **Neurobiol Aging** 1984 Winter; 5(4):285–9

Alloxan–induced glucoprivic feeding deficits are blocked by D–glucose and amygdalin. Murnane JM, et al. **Pharmacol Biochem Behav** 1985 Mar;22(3):407–13

Effects of 5–thio–D–glucose and 2–deoxy–D–glucose upon stomach–emptying in the golden hamster. DiBattista D. **Physiol Behav** 1984 Oct;33(4):543–5

Effect of hepatic vagotomy and/or coeliac ganglionectomy on the delayed eating response to insulin and 2DG injection in rats. Granneman J, et al. **Physiol Behav** 1984 Sep; 33(3):495–7

Failure of 2–deoxy–D–glucose to stimulate feeding in deermice. Rowland N, et al. **Physiol Behav** 1985 Jan; 34(1):155–7

Bilateral lesions of the SCN abolish lipolytic and hyperphagic responses to 2DG. Yamamoto H, et al. **Physiol Behav** 1984 Jun;32(6):1017–20

Structural evaluation of anorectic action induced by 1,5–anhydro–D–glucitol. Fujimoto K, et al. **Proc Soc Exp Biol Med** 1985 Apr;178(4):515–22

Influence of intraduodenal glucose on meal size and its modification by 2–deoxy–D–glucose or vagotomy in hungry pigs. Stephens DB. **Q J Exp Physiol** 1985 Jan; 70(1):129–35

[Effect of 5–thioglucose on external pancreatic secretion in rats. Comparison with 2–deoxyglucose] Appia F, et al. **Gastroenterol Clin Biol** 1984 Oct;8(10):746–8 (Eng. Abstr.) **(Fre)**

[The effect of 2–deoxy–2–fluoroglucose on the functional maturation of monolayer–cultured B cells of the neonatal rat] Wakabayashi S, et al. **Nippon Naibunpi Gakkai Zasshi** 1985 May 20;61(5):592–604 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Hyperthermia and radiation in vivo: effect of 2–deoxy–D–glucose. Gridley DS, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):567–74

DEOXYADENINE NUCLEOTIDES

Synthesis and biochemical evaluation of 2'–deoxy–lin–benzoadenosine phosphates. Lessor RA, et al. **Biochemistry** 1984 Aug 14;23(17):3868–73

BLOOD

dATP accumulation and ATP depletion in platelets in adenosine deaminase deficiency: significance for the immune response? Simmonds HA, et al. **Biosci Rep** 1984 Oct;4(10):809–18

Role of glycolysis in deoxyadenosine induced ATP depletion and dATP accumulation in red cells. Koller CA, et al. **Prog Clin Biol Res** 1984;165:227–39

[Correlation between intracellular metabolic processes and the functional capacity of lymphocytes] Klinger M. **Acta Haematol Pol** 1984 Jul–Dec;15(3–4):189–93 (26 ref.) **(Pol)**

METABOLISM

Evidence for distinct catabolic pathways of adenine ribonucleotides and deoxyribonucleotides in human T lymphoblastoid cells. Barankiewicz J, et al. **J Biol Chem** 1984 Dec 25;259(24):15178–81

Catabolic pathways of purine ribonucleotides and deoxyribonucleotides in lymphocytes. Cohen A, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):437–41

Purine metabolizing enzymes of lymphocyte cell populations: correlation between AMP–deaminase activity and dATP accumulation in murine lymphocytes. Dornand J, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):448–55

STANDARDS

Contamination by ATP of commercial dATP samples causing erroneous results in studies of DNA replication in isolated HeLa cell nuclei. Hanaoka F, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):383–6

DEOXYADENOSINE

Cyclic diacyl groups for protection of the N6–amino group of deoxyadenosine in oligodeoxynucleotide synthesis. Kume A, et al. **Nucleic Acids Res** 1984 Nov 26; 12(22):8525–38

ANALOGS & DERIVATIVES

Adenosine and 5'–chloro–5'–deoxyadenosine inhibit the phosphorylation of phosphatidylinositol and myosin light chain in calf aorta smooth muscle. Doctrow SR, et al. **J Biol Chem** 1985 Mar 25;260(6):3469–76

Mechanism of deoxyadenosine and 2–chlorodeoxyadenosine toxicity to nondividing human lymphocytes. Seto S, et al. **J Clin Invest** 1985 Feb;75(2):377–83

Receptor (norepinephrine), P–site (2',5'–dideoxyadenosine), and calcium–mediated inhibition of prostaglandin and forskolin–activated cyclic AMP–generating systems in human platelets. Siegl AM, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(3):229–45

Inhibition of muscarinic receptor binding and acetylcholine–induced contraction of guinea pig ileum by analogues of 5'–(isobutylthio)adenosine. Pankaskie MC, et al. **J Med Chem** 1985 Aug;28(8):1117–9

Synthesis and properties of 2'–deoxy–8,2'–methylene–cyclopurine nucleosides. Matsuda A, et al. **Nucleic Acids Symp Ser** 1984;(15):57–9

Synthesis of 8,2'–ethano–cyclo–2'–deoxyadenosines. Usui H, et al. **Nucleic Acids Symp Ser** 1984;(15):61–3

[An effective inhibitor of S–adenosylmethionine decarboxylase] Khomutov RM, et al. **Bioorg Khim** 1983 Jan;9(1):130–3 (Eng. Abstr.) **(Rus)**

BLOOD

Differential incorporation of 2'–deoxyadenosine into human peripheral lymphocytes. Burgess FW, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3353–60

METABOLISM

Distinct sites for deoxyguanosine and deoxyadenosine phosphorylation on a monomeric kinase from Lactobacillus acidophilus. Chakravarty R, et al. **Biochemistry** 1984 Dec 4;23(25):6235–40

An approach to a selection system for adenosine-deaminase-positive (ADA+) cells and detection of rat ADA+ 'revertants'. Hirschhorn R, et al. **J Cell Physiol** 1985 May;123(2):277-82

EHNA is a poor inhibitor of deoxyadenosine catabolism in cultured human lymphocytes. Goday A, et al. **Rev Esp Fisiol** 1985 Mar;41(1):49-54

PHARMACODYNAMICS

Purification of S-adenosyl-L-homocysteine hydrolase from Dictyostelium discoideum: reversible inactivation by cAMP and 2'-deoxyadenosine. Hohman RJ, et al. **Arch Biochem Biophys** 1984 Sep;233(2):785-95

Inhibitor of 2',5'-oligoadenylate synthetase induced in human T lymphoblastoid cell line treated with deoxyadenosine, deoxycoformycin and interferon. Heike T, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):1019-25

Cordycepin reduces the sensitivity of BALB/Mo mouse lymphocytes to the induction of sister chromatid exchanges. Majone F, et al. **Carcinogenesis** 1985 Jan; 6(1):131-4

The effect of G2-treatments with 2'-deoxyadenosine on the frequency of chromatid aberrations in human lymphocytes depends on the type of culture. Kihlman BA, et al. **Chromosoma** 1984;90(4):239-42

Relative sensitivity of human T cell subsets to deoxyadenosine toxicity. Callard RE, et al. **Clin Exp Immunol** 1984 Oct;58(1):136-44

Inhibition of equine S-adenohomocysteine hydrolase by 2'-deoxyadenosine. Magnuson NS, et al. **Int J Biochem** 1984;16(11):1163-5

Mechanism of deoxyadenosine and 2-chlorodeoxyadenosine toxicity to nondividing human lymphocytes. Seto S, et al. **J Clin Invest** 1985 Feb;75(2):377-83

The relative sensitivity of peripheral blood T-lymphocyte colony forming cells and bone marrow CFU-GM to deoxyadenosine and 2'deoxycoformycin. Russell NH, et al. **Leuk Res** 1985;9(2):315-9

Role of glycolysis in deoxyadenosine induced ATP depletion and dATP accumulation in red cells. Koller CA, et al. **Prog Clin Biol Res** 1984;165:227-39

THERAPEUTIC USE

[Inhibitory effect of Cordyceps on carcinogenesis of the forestomach in mice] Lin PZ. **Chung Hua Chung Liu Tsa Chih** 1984 Sep;6(5):335-7 (Eng. Abstr.) (Chi)

TOXICITY

Morphological changes in leukemic lymphoblasts and normal lymphocytes treated with deoxyadenosine plus deoxycoformycin. Matsumoto SS, et al. **Cancer Invest** 1985; 3(3):225-33

Determinants of deoxyadenosine toxicity in hybrids between human T- and B- lymphoblasts as a model for the development of drug resistance in T-cell acute lymphoblastic leukemia. Kurtzberg J, et al. **Cancer Res** 1985 Apr;45(4):1579-86

Analytical DNA flow cytometric analysis of deoxyadenosine toxicity in cultured human leukemic lymphoblasts. Fox RM, et al. **Mol Pharmacol** 1984 Sep;26(2):388-94

DEOXYADENOSINE PHOSPHATES see **DEOXYADENINE NUCLEOTIDES**

DEOXYADENOSINECOBALAMINS see **COBAMIDES**

DEOXYCHOLATE see **DEOXYCHOLIC ACID**

DEOXYCHOLIC ACID

ADMINISTRATION & DOSAGE

Inability of amphotericin B(Fungizone) or of sodium deoxycholate to alter natural drug resistance or sensitivity of transplanted murine leukemias. Ganu UK, et al. **Indian J Physiol Pharmacol** 1984 Jan-Mar;28(1):21-6

ANALOGS & DERIVATIVES

The present status of agents for dissolving gallstones. Tangedahl T. **Am J Gastroenterol** 1985 Jan;80(1):64-6

Effects of sulfodeoxycholate on rat and rabbit small intestine. Ammon HV, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G485-93

Role of H+ transport in ursodeoxycholate-induced biliary HCO-3 secretion in the rat. Garcia-Marin JJ, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):G335-41

Effect of acid-base balance and acetazolamide on ursodeoxycholate-induced biliary bicarbonate secretion. Garcia-Marin JJ, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G20-7

Optimum conditions for ursodeoxycholic acid production from lithocholic acid by Fusarium equiseti M41. Kulprecha S, et al. **Appl Environ Microbiol** 1985 Feb;49(2):338-44

Bile acid metabolism during development: metabolism of taurodeoxycholic acid in human fetal liver. Gustafsson J, et al. **Biol Neonate** 1985;47(1):26-31

Stability of ursodeoxycholic acid 7-oleyl ester to enzymatic hydrolysis. Marzo A, et al. **Boll Chim Farm** 1985 Mar; 124(3):150-2

Capillary gas chromatographic determinations of urinary bile acids and bile alcohols in CTX patients proving the ineffectivity of ursodeoxycholic acid treatment. Koopman BJ, et al. **Clin Chim Acta** 1984 Sep 15;142(1):103-11

Value of serum determinations for prediction of increased ursodeoxycholic and chenodeoxycholic levels in bile. Bazzoli F, et al. **Dig Dis Sci** 1985 Jul;30(7):650-4

Gallstone dissolution with ursodeoxycholic acid in patients with chronic active hepatitis and two years follow-up. A pilot study. Leuschner U, et al. **Dig Dis Sci** 1985 Jul; 30(7):642-9

Effect of chenodeoxycholic and ursodeoxycholic acids on isolated adult human hepatocytes. Miyazaki K, et al. **Dig Dis Sci** 1984 Dec;29(12):1123-30

Cholesterol absorption and sterol balance in normal subjects receiving dietary fiber or ursodeoxycholic acid. Salvioli G, et al. **Dig Dis Sci** 1985 Apr;30(4):301-7

Absorption of urso- and chenodeoxycholic acid and their taurine and glycine conjugates in rat jejunum, ileum, and colon. Walker S, et al. **Digestion** 1985;32(1):47-52

Serum concentrations of ursodeoxycholic acid in portal venous and systemic venous blood of fasting humans as determined by isotope dilution-mass spectrometry. Ewerth S, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):126-33

Medical treatment of cholesterol gallstones by bile desaturating agents. Hofmann AF. **Hepatology** 1984 Sep-Oct;4(5 Suppl):199S-208S

A treatment of non-ketotic hyperglycinaemia. Schoos-Barbette S, et al. **J Inherited Metab Dis** 1984; 7(4):165-7

Formation of urso- and ursodeoxy-cholic acids from primary bile acids by a Clostridium limosum soil isolate. Sutherland JD, et al. **J Lipid Res** 1984 Oct;25(10):1084-9

Intestinal absorption of ursodeoxycholic, glycoursodeoxycholic and tauroursodeoxycholic acids in rats. Ota M, et al. **J Pharmacobiodyn** 1985 Feb;8(2):114-8

Studies of bile lipids and bile acids of wild North American black bears in Nova Scotia, showing a high content of ursodeoxycholic acid. MacDonald AC, et al. **J Surg Res** 1985 Feb;38(2):173-9

Different effects of dietary chenodeoxycholic acid and ursodeoxycholic acid on colonic adenylate cyclase in the rat. Seitz HK, et al. **Res Exp Med (Berl)** 1985;185(1):57-61

Synthesis, intestinal absorption and metabolism of sarcosine conjugated ursodeoxycholic acid. Kimura M, et al. **Steroids** 1984 Jun;43(6):677-87

Taurodeoxycholate modulates the effects of pepsin and trypsin in experimental esophagitis. Lillemoe KD, et al. **Surgery** 1985 Jun;97(6):662-7

[Medical treatment of cholesterol biliary lithiasis] Pomier-Layrargues G. **Union Med Can** 1984 Dec; 113(12):1003-5 (Eng. Abstr.) (Fre)

[Cholelitholysis--gallbladder sediments and pigment stones] Wolpers C, et al. **Leber Magen Darm** 1985 Mar;15(2):64-70 (Eng. Abstr.) (Ger)

[Efficacy and tolerance of ursodeoxycholic acid in the therapy of radiotransparent cholelithiasis] Taglieri G, et al. **Minerva Dietol Gastroenterol** 1984 Jul-Sep;30(3):263-7 (Eng. Abstr.) (Ita)

[Gallstone solubilizers] Ighimi H. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1170-3 (Eng. Abstr.) (Jpn)

[Significance and limitations of oral UDCA loading in liver function test] Matsuzaki Y, et al. **Nippon Rinsho** 1984 Jul; 42(7):1671-6 (Jpn)

[Indications and limitations of drug therapy in gallstone] Onuki K, et al. **Nippon Rinsho** 1984 Jul;42(7):1690-5 (Jpn)

[Dissolution of biliary calculi with CDCA and UDCA] Sugata F. **Nippon Rinsho** 1984 Jul;42(7):1683-9 (35 ref.) (Jpn)

[The serum lipid changes in the aged subjects by ursodeoxycholic acid administration] Nakazawa Y, et al. **Nippon Ronen Igakkai Zasshi** 1985 Mar;22(2):160-6 (Eng. Abstr.) (Jpn)

[Effect of ursodeoxycholic acid on biliary excretion of cefotiam in patients with percutaneous transhepatic biliary drainage] Hayakawa T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Mar;82(3):483-8 (Eng. Abstr.) (Jpn)

[Clinical significance of the determination of serum bile acid and oral bile acid loading test in gastrointestinal diseases] Matsuzaki Y, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May;82(5):1369-79 (Eng. Abstr.) (Jpn)

[Therapeutic effect of ursodeoxycholic acid on sulpyrine-induced intrahepatic cholestasis. A case report] Tomoda T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Nov;81(11):2821-5 (Jpn)

[Metabolism of bile acids. XIV. Sarcosine conjugated bile acids] Hatono S, et al. **Yakugaku Zasshi** 1984 May; 104(5):466-71 (Eng. Abstr.) (Jpn)

[Current treatment of gallbladder calculi] Mamianetti A. **Acta Gastroenterol Latinoam** 1984;14(4):327-30 (Spa)

ANALYSIS

Spectrofluorimetric determination of desoxycholic acid in the presence of cholic and chenodesoxycholic acids by use of Ce(IV) and concentrated sulphuric acid. Grases F, et al. **J Biochem Biophys Methods** 1984 Nov;10(1-2):91-6

ANTAGONISTS & INHIBITORS

Prostaglandin E2 counteracts the inhibition by indomethacin of rat colon ornithine decarboxylase induction by deoxycholic acid. Narisawa T, et al. **Gann** 1985 May; 76(5):338-44

BIOSYNTHESIS

Formation of hyodeoxycholate from beta-muricholate in gnotobiotic rats associated with Clostridium HDCA-1. Eyssen H, et al. **Prog Clin Biol Res** 1985;181:103-6

CHEMICAL SYNTHESIS

Potential bile acid metabolites. 9. 3,12-Dihydroxy- and 12 beta-hydroxy-5 alpha-cholanoic acids. Iida T, et al. **J Lipid Res** 1985 Jul;26(7):874-81

METABOLISM

12 beta-dehydrogenation of bile acids by Clostridium paraputrificum, C. tertium, and C. difficile and epimerization at carbon-12 of deoxycholic acid by cocultivation with 12 alpha-dehydrogenating Eubacterium lentum. Edenharder R, et al. **Appl Environ Microbiol** 1985 Apr;49(4):964-8

Interaction with deoxycholate of rat liver peroxisomal and cytosolic catalase. Takei N, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):685-92

[Bile acids and cancer of the large intestine] Kanazawa K. **Nippon Rinsho** 1984 Jul;42(7):1696-700 (Jpn)

PHARMACODYNAMICS

Hyodeoxycholic acid: a new approach to gallstone prevention. McSherry CK, et al. **Am J Surg** 1985 Jan; 149(1):126-32

Deoxycholate induces the preferential hydrolysis of polyphosphoinositides by human platelet and rat corneal phospholipase C. Chung SM, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):411-6

Effect of deoxycholic acid on the tumour incidence, distribution, and receptor status of colorectal cancer in the rat model. Summerton J, et al. **Digestion** 1985;31(2-3):77-81

Effects of the virulence plasmid ColV. I-K94 on the sensitivity of Escherichia coli to putative environmental inhibitory agents. de Pacheco CS, et al. **Experientia** 1985 Jan 15;41(1):133-6

Sodium deoxycholate promotes the absorption of heparin administered orally, probably by acting on gastrointestinal mucosa, in rats. Guarini S, et al. **Experientia** 1985 Mar 15; 41(3):350-2

Effects of bile salts and prostaglandins on sodium transport in isolated rat gastric mucosa. Nguyen DA, et al. **Gen Physiol Biophys** 1985 Aug;4(4):337-48

Antibiotic and deoxycholate resistance in Campylobacter jejuni following freezing or heating. Humphrey TJ, et al. **J Appl Bacteriol** 1985 Jul;59(1):65-71

Measurement of active constitutive beta-D-glucosidase (esculinase) in the presence of sodium desoxycholate. Edberg SC, et al. **J Clin Microbiol** 1985 Mar;21(3):363-5

Properties of the deoxycholate-solubilized HeLa cell plasma membrane receptor for binding group B coxsackieviruses. Krah DL, et al. **J Virol** 1985 Mar;53(3):867-70

Decline in infectivity of simian virus 40 by sodium deoxycholate and its restoration with the extract of monkey kidney cells. Shimura H, et al. **Virology** 1984 Dec; 139(2):243-50

[The effect of gallstone-dissolving agents on lipid and bile acid metabolism] Kajiyama G. **Nippon Naika Gakkai Zasshi** 1984 Jun;73(6):733-7 (Jpn)

[Solubilizing effect of anionic detergents on cobalamin-protein compounds in Propionibacterium shermanii cells] Eliseev SA, et al. **Mikrobiologiia** 1985 Jan-Feb;54(1):166-7 (Eng. Abstr.) (Rus)

PHYSIOLOGY

The maternal pheromone and deoxycholic acid in the survival of preweanling rats. Lee TM, et al. **Physiol Behav** 1984 Dec;33(6):931-5

The maternal pheromone and deoxycholic acid in relation to brain myelin in the preweanling rat. Lee TM, et al. **Physiol Behav** 1984 Sep;33(3):391-5

TOXICITY

Fibroblasts from patients with myotonic muscular dystrophy: cholesterol requirement for proliferation and sensitivity to polyene antibiotics. Ohno K, et al. **Brain Dev** 1984; 6(6):566-70

DEOXYCORTICOSTERONE see **DESOXYCORTICOSTERONE**

DEOXYCYTIDINE

Deuteration kinetics of deoxyguanosine, deoxycytidine, and their polynucleotides by means of ultraviolet spectrophotometry. Nakanishi M, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):483-91

ANALOGS & DERIVATIVES

Distribution of 5-methyldeoxycytidine in products of staphylococcal nuclease digestion of nuclei and purified DNA. Barr FG, et al. **Biochemistry** 1985 Mar 12; 24(6):1424-8

2'-Fluoro-2'-deoxycytidine triphosphate as a substrate for RNA- and DNA-dependent DNA polymerases. Aoyama H, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):218-24

The effect of 2'-fluoro-2'-deoxycytidine on herpes virus growth. Wohlrab F, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):233-42

Corneal penetration and metabolism of the antiherpetic 5-iodo-2'-deoxycytidine. Sincholle D, et al. **Curr Eye Res** 1985 May;4(5):627-9

Cell kinetics of GM-CFC in the steady state. Hagan MP, et al. **Exp Hematol** 1985 Jul;13(6):532-8

Radioimmunoassay of 5-methyl-2'-deoxycytidine. A method for the quantitation of DNA methylation. Vilpo JA, et al. **J Immunol Methods** 1984 Dec 31;75(2):241-6

Synthesis and antiviral activity of the carbocyclic analogues of (E)-5-(2-halovinyl)-2'-deoxyuridines and (E)-5-(2-halovinyl)-2'-deoxycytidines. Herdewijn P, et al. **J Med Chem** 1985 May;28(5):550-5

Reversal of deamination-related cytotoxicity of 5-methyl-2'-deoxycytidine by tetrahydrouridine in human leukemia cells. Jekunen A, et al. **JNCI** 1984 Nov; 73(5):1087-91

Metabolic channeling of 5-fluoro-2'-deoxycytidine utilizing inhibitors of its deamination in cell culture. Boothman DA, et al. **Mol Pharmacol** 1985 May;27(5):584-94

METABOLISM

Effect of the dialdehyde derivative of 5'-deoxyinosine on pyrimidine deoxyribonucleoside metabolism in L1210 cells. Ohmstede CA, et al. **Biochem Pharmacol** 1985 May 15; 34(10):1717-24

PHARMACODYNAMICS

Inhibition of bromodeoxyuridine-associated sister chromatid exchanges in Bloom's syndrome cells with cycloheximide. Shiraishi Y, et al. **Cancer Genet Cytogenet** 1985 May; 17(1):43-54

THERAPEUTIC USE

Deoxycytidine therapy in two patients with adenosine deaminase deficiency and severe immunodeficiency disease. Cowan MJ, et al. **Clin Immunol Immunopathol** 1985 Oct; 37(1):30-6

URINE

Urinary deoxycytidine levels in radioprotected rats. Basu SK, et al. **J Radiat Res (Tokyo)** 1984 Jun;25(2):174-82

DEOXYCYTIDINE KINASE see under **PHOSPHOTRANSFERASES, ATP**

DEOXYCYTIDINE MONOPHOSPHATE see under **DEOXYCYTOSINE NUCLEOTIDES**

DEOXYCYTIDINE PHOSPHATES see **DEOXYCYTOSINE NUCLEOTIDES**

DEOXYCYTIDYLATE DEAMINASE see under **NUCLEOTIDE DEAMINASES**

DEOXYCYTIDYLATE HYDROXYMETHYLTRANSFERASE see under **TRANSFERASES**

DEOXYCYTOSINE NUCLEOTIDES

Determinations of atomic partial charges for nucleic acid constituents from x-ray diffraction data. I. 2'-Deoxycytidine-5'-monophosphate. Pearlman DA, et al. **Biopolymers** 1985 Feb;24(2):327-57

METABOLISM

Response of CHO cell DNA polymerase alpha to dCTP and dTTP pool imbalance: relation to DNA synthesis inhibition, survival and mutation. Newman CN, et al. **Basic Life Sci** 1985;31:127-48

Base-pairing properties of N4-methoxydeoxycytidine 5'-triphosphate during DNA synthesis on natural templates, catalyzed by DNA polymerase I of Escherichia coli. Reeves ST, et al. **Biochemistry** 1985 Apr 23; 24(9):2262-8

PHARMACODYNAMICS

2'-Fluoro-2'-deoxypolynucleotides as templates and inhibitors for RNA- and DNA-dependent DNA polymerases. Aoyama H, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):225-32

Interaction of N4-hydroxy-2'-deoxycytidylic acid with thymidylate synthetase. Goldstein S, et al. **J Med Chem** 1984 Oct;27(10):1259-62

The influence of deoxycytidine monophosphate (dCMP) on the cytotoxicity of hydroxyurea in the embryonic spinal cord of the mouse. Herken R. **Teratology** 1984 Aug; 30(1):83-90

DEOXYEPHEDRINE see **METHAMPHETAMINE**

DEOXYEPINEPHRINE see under **DOPAMINE**

DEOXYGALACTOSE see **FUCOSE**

DEOXYGLUCOSE see under **DEOXY SUGARS**

DEOXYGUANINE NUCLEOTIDES

Potential repair of free radical adducts of dGMP and dG by a series of reductants. A pulse radiolytic study. O'Neill P, et al. **Int J Radiat Biol** 1985 Jan;47(1):71-80

ANALYSIS

Enzymatic degradation and circular dichroism of deoxyguanosine oligonucleotides. Thomas T, et al. **Indian J Biochem Biophys** 1984 Aug;21(4):227-31

METABOLISM

Kinetics of incorporation of O6-methyldeoxyguanosine monophosphate during in vitro DNA synthesis. Snow ET, et al. **Biochemistry** 1984 Sep 11;23(19):4289-94

Evidence for distinct catabolic pathways for deoxy-GTP and GTP in purine-nucleoside phosphorylase-deficient mouse T lymphoblasts. Barankiewicz J, et al. **J Biol Chem** 1985 Apr 25;260(8):4565-7

Catabolic pathways of purine ribonucleotides and deoxyribonucleotides in lymphocytes. Cohen A, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):437-41

PHARMACODYNAMICS

On the fidelity of DNA polymerase alpha: the influence of alpha-thio dNTPs, Mn2+ and mismatch repair. Rienitz A, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5685-95

DEOXYGUANOSINE

Formation of O6-ethylthioethyldeoxyguanosine from the reaction of chloroethyl ethyl sulfide with deoxyguanosine. Ludlum DB, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5698-701

Potential repair of free radical adducts of dGMP and dG by a series of reductants. A pulse radiolytic study. O'Neill P, et al. **Int J Radiat Biol** 1985 Jan;47(1):71-80

Deuteration kinetics of deoxyguanosine, deoxycytidine, and their polynucleotides by means of ultraviolet spectrophotometry. Nakanishi M, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):483-91

ANALOGS & DERIVATIVES

Inhibition of enzymic incision of thymine dimers by covalently bound 2-[N-[(deoxyguanosin-8-yl)acetyl]amino]fluorene in deoxyribonucleic acid. Duker NJ, et al. **Biochemistry** 1985 Jan 15;24(2):408-12

Formation of O6-ethylthioethyldeoxyguanosine from the reaction of chloroethyl ethyl sulfide with deoxyguanosine. Ludlum DB, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5698-701

Phase II trials of hexamethylmelamine, dianhydrogalactitol, razoxane, and beta-2'-deoxythioguanosine as single agents against advanced measurable tumors of the pancreas. Gastrointestinal Tumor Study Group. **Cancer Treat Rep** 1985 Jun;69(6):713-6

Phase I evaluation of beta-2'-deoxythioguanosine in pediatric patients with leukemia. Higgins GR, et al. **Cancer Treat Rep** 1985 Jun;69(6):699-701

Structural identification of the purine ring-opened form of N-(deoxyguanosin-8-yl)-4-aminoquinoline 1-oxide. Bailleul B, et al. **Carcinogenesis** 1985 Feb;6(2):319-22

Measurement of O6-methyldeoxyguanosine in DNA methylated by the tobacco-specific carcinogen 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone using a biotin-avidin enzyme-linked immunosorbent assay. Foiles PG, et al. **Carcinogenesis** 1985 Jul;6(7):989-93

Immunohistochemical localization of O6-ethyldeoxyguanosine and deoxyguanosin-8-yl-(acetyl)aminofluorene in liver sections of rats treated with diethylnitrosamine, ethylnitrosourea or N-acetylaminofluorene. Menkveld GJ, et al. **Carcinogenesis** 1985 Feb;6(2):263-70

Evidence for N-(deoxyguanosin-8-yl)-1-aminopyrene as a major DNA adduct in female rats treated with 1-nitropyrene. Stanton CA, et al. **Carcinogenesis** 1985 Apr; 6(4):535-8

8-Substituted guanosine and 2'-deoxyguanosine derivatives as potential inducers of the differentiation of Friend erythroleukemia cells. Lin TS, et al. **J Med Chem** 1985 Sep;28(9):1194-8

A new synthesis of certain 7-(beta-D-ribofuranosyl) and 7-(2-deoxy-beta-D-ribofuranosyl) derivatives of 3-deazaguanine via the sodium salt glycosylation procedure. Gupta PK, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5341-52

Solid-phase synthesis of the self-complementary hexamer d(c7GpCpc7GpCpc7GpC) via the O-3'-phosphoramidite of 7-deaza-2'-deoxyguanosine. Seela F, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):911-26

Oligomerization of activated derivatives of 3'-amino-3'-deoxyguanosine on poly(C) and poly(dC) templates. Zielinski WS, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2469-84

Synthesis and properties of 2'-deoxy-8,2'-methylene-cyclopurine nucleosides. Matsuda A, et al. **Nucleic Acids Symp Ser** 1984;(15):57-9

METABOLISM

Distinct sites for deoxyguanosine and deoxyadenosine phosphorylation on a monomeric kinase from Lactobacillus acidophilus. Chakravarty R, et al. **Biochemistry** 1984 Dec 4;23(25):6235-40

Involvement of the exocyclic amino group of deoxyguanosine in DNA-catalysed carcinogen detoxification. MacLeod MC, et al. **Carcinogenesis** 1985 Jan;6(1):147-9

Enhancement of deoxyguanosine kinase activity in human lung fibroblast cells infected with human cytomegalovirus. Lewis RA, et al. **Mol Cell Biochem** 1984 Nov;65(1):67-71

PHARMACODYNAMICS

Deoxyguanosine enhancement of cytarabine nucleotide accumulation in human leukemia cells. Akman SA, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):851-7

Differential influence of 2'-deoxyguanosine on the induction and expression of suppressor T lymphocytes in vivo. Bril H, et al. **Cell Immunol** 1985 Feb;90(2):531-8

The effect of 2'deoxyguanosine on human lymphocyte responses. I. 2'deoxyguanosine enhances T lymphocyte responses. Hanglow AC, et al. **Clin Exp Immunol** 1985 Mar; 59(3):653-8

The effect of 2'deoxyguanosine on human lymphocyte responses. II. 2'deoxyguanosine enhances PWM-induced B cell differentiation. Hanglow AC, et al. **Clin Exp Immunol** 1985 Mar;59(3):659-65

Histological and immunological evaluation of gnotobiotic C3H/He mice following i.v. administration of 8-aminoguanosine and 2'deoxyguanosine. Herrmann MJ, et al. **Prog Clin Biol Res** 1985;181:455-9

TOXICITY

2'-deoxyguanosine toxicity for B and mature T lymphoid cell lines is mediated by guanine ribonucleotide accumulation. Sidi Y, et al. **J Clin Invest** 1984 Nov; 74(5):1640-8

DEOXYGUANOSINE PHOSPHATES see **DEOXYGUANINE NUCLEOTIDES**

DEOXYMANNOSE see **RHAMNOSE**

DEOXYRIBONUCLEASE I

Crystallization of cytoplasmic actin in complex with deoxyribonuclease I. Mannherz HG, et al. **Biochem J** 1985 Jan 15;225(2):517-22

DNase I sensitivity of nuclear DNA measured by flow cytometry. Roti Roti JL, et al. **Cytometry** 1985 Mar; 6(2):101-8

Reverse differential staining of sister chromatids induced by Hoechst plus black light and endonuclease. Jan KY, et al. **Exp Cell Res** 1985 Apr;157(2):307-14

In situ nick translation of metaphase chromosomes with biotin-labeled d-UTP. Adolph S, et al. **Hum Genet** 1985; 69(2):117-21

DNase I and nuclease S1 sensitivity of the rabbit beta 1 globin gene in nuclei and in supercoiled plasmids. Margot JB, et al. **J Mol Biol** 1985 Jul 20;184(2):195-210

DNAase I hypersensitive sites may be correlated with genomic regions of large structural variation. Nussinov R, et al. **J Mol Biol** 1984 Aug 25;177(4):591-607

ANALYSIS

Three-dimensional structure of bovine pancreatic DNase I at 2.5 A resolution. Suck D, et al. **EMBO J** 1984 Oct; 3(10):2423-30

ANTAGONISTS & INHIBITORS

The interaction of 5'-nucleotidase purified from chicken gizzard and actin, and the reversible loss of the inhibitory capacity of actin on deoxyribonuclease I. Dieckhoff J, et al. **Biochim Biophys Acta** 1985 Jun 10;829(2):209-20

[Specific protection of DNA by distamycin A, netropsin and bis-netropsins against the action of DNAse I] Skamrov AV, et al. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):177-95 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

DNAse I-actin complex: an immunological study. Boyer M, et al. **Biosci Rep** 1985 Jan;5(1):39-46

METABOLISM

Distinct sites on the G-actin molecule bind group-specific component and deoxyribonuclease I. Goldschmidt-Clermont PJ, et al. **Biochem J** 1985 Jun 1; 228(2):471-7

Syntheses and configurational analyses of thymidine 4-nitrophenyl [17O,18O]phosphates and the stereochemical course of a reaction catalyzed by bovine pancreatic deoxyribonuclease I. Mehdi S, et al. **Biochemistry** 1984 Oct 9;23(21):4844-52

IgG binding enhances DNAase I sensitivity of N-acetoxy-N-2-acetylaminofluorene-modified phi X-174 RF DNA. Bases R, et al. **Biochim Biophys Acta** 1985 May 24;825(1):80-8

A high affinity topoisomerase I binding sequence is clustered at DNAase I hypersensitive sites in Tetrahymena R-chromatin. Bonven BJ, et al. **Cell** 1985 Jun;41(2):541-51

Torsional stress promotes the DNAase I sensitivity of active genes. Villeponteau B, et al. **Cell** 1984 Dec;39(3 Pt 2):469-78

SV40-alpha-globulin hybrid minichromosomes. Differences in DNase I hypersensitivity of promoter and enhancer sequences. Cereghini S, et al. **Eur J Biochem** 1984 Nov 2;144(3):545-53

Sequence preferences in the binding to DNA of triostin A and TANDEM as reported by DNase I footprinting. Low CM, et al. **FEBS Lett** 1984 Oct 29;176(2):414-20

Only the promoter region of the constitutively expressed normal and amplified human dihydrofolate reductase gene is DNase I hypersensitive and undermethylated. Shimada T, et al. **J Biol Chem** 1985 Feb 25;260(4):2468-74

Studies on nuclease digestion of chromatin phosphorylated in vivo. West MH, et al. **J Biol Chem** 1985 Apr 25; 260(8):4558-60

High-resolution mapping of DNase I-hypersensitive sites of Drosophila heat shock genes in Drosophila melanogaster and Saccharomyces cerevisiae. Costlow N, et al. **Mol Cell Biol** 1984 Sep;4(9):1853-63

DNase I footprinting shows three protected regions in the promoter of the rRNA genes of Xenopus laevis. Dunaway M, et al. **Mol Cell Biol** 1985 Feb;5(2):313-9

A transcriptionally active monkey genomic segment homologous to the regulatory region of simian virus 40 is associated with DNase I-hypersensitive sites. Lord ST, et al. **Mol Cell Biol** 1984 Aug;4(8):1635-7

High-resolution mapping of S1- and DNase I-hypersensitive sites in chromatin. Weintraub H. **Mol Cell Biol** 1985 Jun; 5(6):1538-9

Structural junctions in DNA: the influence of flanking sequence on nuclease digestion specificities. Drew HR, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4445-67

Nuclease-hypersensitive sites in chromatin of the estrogen-inducible apoVLDL II gene of chicken. Kok K, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5189-202

DNaseI sensitivity of the rat albumin and alpha-fetoprotein genes. Kunnath L, et al. **Nucleic Acids Res** 1985 Jan 11; 13(1):115-29

Correlation between DNase I hypersensitive sites and putative regulatory sequences in human immunoglobulin genes of the kappa light chain type. Pospelov VA, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7007-21

Preferential DNase I sensitivity of insert-free ribosomal RNA repeats of Drosophila melanogaster. Wayne RL, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2869-79

A method for mapping intranuclear protein-DNA interactions and its application to a nuclease hypersensitive site. Jackson PD, et al. **Proc Natl Acad Sci USA** 1985 Apr; 82(8):2296-300

Active T-cell receptor genes have intron deoxyribonuclease hypersensitive sites. Bier E, et al. **Science** 1985 Aug 9; 229(4713):528-34 (54 ref.)

[Neutral DNAse activity in rat tissues in radiation carcinogenesis] Kerova NI, et al. **Eksp Onkol** 1984; 6(1):36-8 (Eng. Abstr.) **(Rus)**

[Nuclease sensitivity and methylation of chromatin DNA of the rat liver in the initial period of glucocorticoid activity] Romanov GA, et al. **Probl Endokrinol (Mosk)** 1984 Nov-Dec;30(6):38-42 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Structural effects in axoplasm of DNase I, an actin depolymerizer that blocks fast axonal transport. Nemhauser I, et al. **Brain Res** 1985 May 13;334(1):47-58

DNAase I encapsulated in liposomes can induce neoplastic transformation of Syrian hamster embryo cells in culture. Zajac-Kaye M, et al. **Cell** 1984 Dec;39(3 Pt 2):427-37

The effect of salt extraction on the structure of transcriptionally active genes; evidence for a DNAseI-sensitive structure which could be dependent on chromatin structure at levels higher than the 30 nm fibre. Goodwin GH, et al. **Nucleic Acids Res** 1985 May 24; 13(10):3561-79

Differential scanning calorimetry of nuclei reveals the loss of major structural features in chromatin by brief nuclease treatment. Touchette NA, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2642-6

[Effect of X-ray-induced DNA breaks on the hypersensitivity of the minichromosomes of SV40 virus to DNAse I] Iugal AA, et al. **Dokl Akad Nauk SSSR** 1985; 281(5):1266-8 **(Rus)**

DEOXYRIBONUCLEASES

Effect of antibody excess on the size, stoichiometry, and DNAse resistance of DNA anti-DNA immune complexes. Burdick G, et al. **J Immunol** 1985 Oct;135(4):2593-7

Essential interaction between lambdoid phage 21 terminase and the Escherichia coli integrative host factor. Feiss M, et al. **J Mol Biol** 1985 May 25;183(2):239-46

The terminase of bacteriophage lambda. Functional domains for cosB binding and multimer assembly. Frackman S, et al. **J Mol Biol** 1985 May 25;183(2):225-38

ADVERSE EFFECTS

Elase and wound debridement [letter] Chapple JS. **NZ Med J** 1984 Oct 10;97(765):701

ANALYSIS

Activity of DNase associated with replication of Epstein-Barr virus in NPC-204 cells. Liu MY, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1984 Aug;17(3):121-30

Improvement of two toluidine blue O-mediated techniques for DNase detection. Waller JR, et al. **J Clin Microbiol** 1985 Feb;21(2):195-9

Studies on the herpes simplex virus alkaline nuclease: detection of type-common and type-specific epitopes on the enzyme. Banks LM, et al. **J Gen Virol** 1985 Jan;66 (Pt 1):1-14

A vaccinia virus DNase preparation which cross-links superhelical DNA. Lakritz N, et al. **J Virol** 1985 Mar; 53(3):935-43

Comparative study of streptococcal DNase by rapid and quantitative assay systems. Miyakawa Y, et al. **Jpn Circ J** 1984 Dec;48(12):1338-42

Electrophoretic patterns of extracellular deoxyribonuclease (DNase) and their correlation with T-type in group A streptococci. Miyakawa Y, et al. **Microbiol Immunol** 1985; 29(3):195-204

[Identification of Staphylococcus aureus by the sero-inhibition of nuclease in blood culture broths] Chomarat M, et al. **Pathol Biol (Paris)** 1985 Apr;33(4):286-8 (Eng. Abstr.) **(Fre)**

[Affinity chromatography of nucleases] Bannikova GE, et al. **Bioorg Khim** 1984 Mar;10(3):293-317 (95 ref.) (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Banding of Allium chromosomes protected against DNase digestion by DNA-binding drugs. Loidl J. **Stain Technol** 1985 Jan;60(1):13-9

BIOSYNTHESIS

Synthesis of early vaccinia-virus-specific enzymes under conditions of immediate early gene expression. Zöller B, et al. **Eur J Biochem** 1984 Sep 17;143(3):589-91

Alkaline deoxyribonuclease induced with diterpene ester TPA and n-butyrate in Epstein-Barr virus genome-carrying Raji cells. Kawanishi M, et al. **Intervirology** 1985;23(1):55-60

GENETICS

Cloning of extracellular DNase and construction of a DNase-negative strain of Vibrio cholerae. Newland JW, et al. **Infect Immun** 1985 Mar;47(3):691-6

IMMUNOLOGY

Antibody to Epstein-Barr virus specific DNase in sera of nasopharyngeal carcinoma and other nine most common cancer patients in Taiwan. Hsu MM, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1984 Aug;17(3):131-7

Patterns of antibodies to staphylococcal DNases in dog sera. Ness E. **J Clin Microbiol** 1984 Oct;20(4):806-7

Antibody response to Epstein-Barr-virus-specific DNase in 13 patients with nasopharyngeal carcinoma in Taiwan: a retrospective study. Chen JY, et al. **J Med Virol** 1985 Jun; 16(2):99-105

[Serum nucleases as nonspecific antiviral factors and their role in artificial anti-influenza immunity] Maksimovich MB. **Vopr Virusol** 1984 Nov-Dec;29(6):682-7 (Eng. Abstr.) **(Rus)**

METABOLISM

Undermethylation of DNA in mononucleosomes solubilized by micrococcal nuclease digestion of HeLa cell nuclei. Hatayama T, et al. **Biochem Int** 1984 Aug;9(2):251-8

Hypothalamic deoxyribonucleases and DNA content during development of the androgenized female rat. Litteria M. **Brain Res** 1985 Feb;350(1-2):297-300

Tissue-specific DNaseI hypersensitive sites in the 5'-flanking sequences of the tryptophan oxygenase and the tyrosine aminotransferase genes. Becker P, et al. **EMBO J** 1984 Sep; 3(9):2015-20

Intracellular nuclease activities of buffalo rumen bacterial population. Sinha PK, et al. **Folia Microbiol (Praha)** 1984; 29(4):337-42

Biochemical diagnosis of reduced salivary gland function. Yaegaki K, et al. **Int J Oral Surg** 1985 Feb;14(1):47-9

In vitro maturation of circular bacteriophage P2 DNA. Purification of ter components and characterization of the reaction. Bowden DW, et al. **J Biol Chem** 1985 Jun 10; 260(11):6999-7007

A functional domain of bacteriophage lambda terminase for prohead binding. Frackman S, et al. **J Mol Biol** 1984 Dec 5;180(2):283-300

Subcellular distribution of acid DNase of rat submandibular gland. Yaegaki K, et al. **Kurume Med J** 1984;31(2):101-5

DNA polymerases, deoxyribonucleases, and recombination during meiosis in Saccharomyces cerevisiae. Resnick MA, et al. **Mol Cell Biol** 1984 Dec;4(12):2811-7

Cerebellar deoxyribonucleases and DNA in the androgenized female rat. Litteria M. **Neurochem Res** 1985 Apr; 10(4):571-7

PHARMACODYNAMICS

Role of actin in the responses of adrenal cells to ACTH and cyclic AMP: inhibition by DNase I. Osawa S, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1335-42

DEOXYRIBONUCLEIC ACID see DNA

DEOXYRIBONUCLEOPROTEINS

Diffusion-controlled protein-DNA association: influence of segmental diffusion of the DNA. Berg OG. **Biopolymers** 1984 Oct;23(10):1869-89

Theoretical studies on protein-nucleic acid interactions. I. Interaction of positively charged amino acids with nucleic acid fragments. Kumar NV, et al. **Biopolymers** 1984 Oct; 23(10):1979-93

Hydrodynamic studies of a DNA-protein complex. Dimensions of the complex of single-stranded 145 base DNA with gene 32 protein of phage T4 deduced from quasi-elastic light scattering. Scheerhagen MA, et al. **FEBS Lett** 1985 May 20;184(2):221-5

GENETICS

The T4 mot protein functions as part of a pre-replicative DNA-protein complex. Uzan M, et al. **J Biol Chem** 1985 Jan 10;260(1):633-9

Ionic inhibition of formation of RecA nucleoprotein networks blocks homologous pairing. Chow SA, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5646-50

Deoxyribonucleoprotein complexes and DNA synthesis of herpes simplex virus type 1. Leinbach SS, et al. **Virology** 1984 Sep;137(2):287-96

IMMUNOLOGY

[Antibodies against deoxyribonucleic acid and its protein complex—their formation and clinical significance] Lange A. **Postepy Hig Med Dosw** 1984 Sep-Dec;38(5-6):681-91 (47 ref.) (Eng. Abstr.) **(Pol)**

ISOLATION & PURIFICATION

A comparison of methods for the extraction of nucleoprotein complexes from SV40-infected cells. Springen B, et al. **J Virol Methods** 1984 Oct;9(2):99-105

METABOLISM

Absence of a requirement for long-range DNA torsional strain in the production of protein-associated DNA strand breaks in isolated mammalian cell nuclei by the DNA intercalating agent 4'-(9-acridinylamino)methanesulfon-m-anisidide (m-AMSA). Pommier Y, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3909-12

Uncoating of vaccinia virus. Zaslavsky V. **J Virol** 1985 Aug; 55(2):352-6

DNA-DNA and DNA-protein crosslinking and repair in Neurospora crassa following exposure to nitrogen mustard. Baker JM, et al. **Mutat Res** 1984 Nov-Dec;132(5-6):171-9

BD-40, an ellipticine-related DNA intercalative agent induces DNA-protein bridges in vivo. Vilarem MJ, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8653-65

PHYSIOLOGY

Restriction cleavage maps of the DNAs of Streptococcus pneumoniae bacteriophages containing protein covalently bound to their 5' ends. López R, et al. **MGG** 1984; 197(1):67-74

DEOXYRIBONUCLEOSIDES

Direct alkylation of 2'-deoxynucleosides and DNA following in vitro reaction with acrylamide. Solomon JJ, et al. **Cancer Res** 1985 Aug;45(8):3465-70

ANALYSIS

High-affinity monoclonal antibodies for the specific recognition and quantification of deoxynucleosides structurally modified by N-nitroso compounds. Adamkiewicz J, et al. **IARC Sci Publ** 1984;(57):581-7

Search for DNA alterations in Alzheimer's disease. Spector R, et al. **Neurobiol Aging** 1985 Spring;6(1):25-8

CHEMICAL SYNTHESIS

Synthesis and antiviral activity of carbocyclic analogues of 2'-deoxyribofuranosides of 2-amino-6-substituted-purines and of 2-amino-6-substituted-8-azapurines. Shealy YF, et al. **J Med Chem** 1984 Nov;27(11):1416-21

An investigation by 1H NMR spectroscopy into the factors determining the beta:alpha ratio of the product in 2'-deoxynucleoside synthesis. Hubbard AJ, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6827-37

Deoxyribonucleoside-3',5'-cyclic silanediyl derivatives: formation and properties. Furusawa K, et al. **Nucleic Acids Symp Ser** 1984;(15):41-4

ISOLATION & PURIFICATION

Isolation and purification of deoxyribonucleosides from 90% 13C-enriched DNA of algal cells and their characterization by 1H and 13C NMR. Chandrasegaran S, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):2097-110

METABOLISM

Analysis of syn- and anti-1,2-dihydroxy-3,4-epoxy-1,2,3,4-tetrahydro-5-meth -deoxyribonucleoside adducts by boronate chromatography. Melikian AA, et al. **Cancer Lett** 1985 May;27(1):91-7

On the mechanism of deoxyribonucleoside toxicity in human T-lymphoblastoid cells. Reversal of growth inhibition by addition of cytidine. Dahbo Y, et al. **Eur J Biochem** 1985 Aug 1;150(3):429-34

Identification of the Escherichia coli deoR and cytR gene products. Singer JT, et al. **J Bacteriol** 1985 Sep; 163(3):1095-100

Incorporation of 3H-labeled nucleosides and 3H-labeled deoxynucleosides into detergent soluble DNA. Strauss PR. **Proc Soc Exp Biol Med** 1985 Sep;179(4):487-91

[Inhibition of various stages of DNA replication in sea urchin embryos] Terent'ev LL, et al. **Biokhimiia** 1985 Jun; 50(6):1024-9 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Deoxyribonucleoside-induced selective modulation of cytotoxicity and mutagenesis. Peterson AR, et al. **Basic Life Sci** 1985;31:313-34 (42 ref.)

Induction of deoxyribose-5-phosphate aldolase of Bacillus cereus by deoxyribonucleosides. Tozzi MG, et al. **Biochem Int** 1984 Sep;9(3):319-25

Enhancement of the differentiation-inducing properties of 6-thioguanine by hypoxanthine and its nucleosides in HL-60 promyelocytic leukemia cells. Ishiguro K, et al. **Cancer Res** 1985 Jan;45(1):91-5

Effects of 2',3'-dideoxynucleosides on mammalian cells and viruses. Waqar MA, et al. **J Cell Physiol** 1984 Nov; 121(2):402-8

DEOXYRIBONUCLEOTIDES

ANALYSIS

Ribonucleoside and deoxyribonucleoside triphosphate pools during 2-aminopurine mutagenesis in T4 mutator-, wild type-, and antimutator-infected Escherichia coli. Hopkins RL, et al. **J Biol Chem** 1985 Jun 10;260(11):6618-22

High-performance liquid chromatographic method for the analysis of purine and pyrimidine bases, ribonucleosides and deoxyribonucleosides in biological fluids. Boulieu R, et al. **J Chromatogr** 1985 May 3;339(2):380-7

Role of mobile phase components for multi-functional solutes in silica gel liquid-solid chromatography. Resolution of protected deoxyribonucleotide derivatives oligomer synthesis. Hara S, et al. **J Chromatogr** 1984 Dec 21; 316:389-96

ANTAGONISTS & INHIBITORS

Oncogenic transformation of C3H/10T1/2 Cl 8 mouse embryo fibroblasts by inhibitors of nucleotide metabolism. Peterson AR, et al. **Basic Life Sci** 1985;31:465-79 (61 ref.)

BIOSYNTHESIS

Azidocytidine is a specific inhibitor of deoxyribonucleotide synthesis in 3T6 cells. Akerblom L, et al. **J Biol Chem** 1985 Aug 5;260(16):9197-202

Relations between synthesis of deoxyribonucleotides and DNA replication in 3T6 fibroblasts. Nicander B, et al. **J Biol Chem** 1985 May 10;260(9):5376-81

BLOOD

[Correlation between intracellular metabolic processes and the functional capacity of lymphocytes] Klinger M. **Acta Haematol Pol** 1984 Jul-Dec;15(3-4):189-93 (26 ref.) **(Pol)**

CHEMICAL SYNTHESIS

An alternative approach to deoxyoligonucleotides as hybridization probes by insertion of deoxyinosine at ambiguous codon positions. Ohtsuka E, et al. **J Biol Chem** 1985 Mar 10;260(5):2605-8

Antiviral activity, antimetabolic activity, and cytotoxicity of 3'-substituted deoxypyrimidine nucleosides. Stuart AL, et al. **J Pharm Sci** 1985 Mar;74(3):246-9

GENETICS

Genetic consequences of nucleotide pool imbalance. **Basic Life Sci** 1985;31:1-523

Initiation of transcription from each of the two human mitochondrial promoters requires unique nucleotides at the transcriptional start sites. Hixson JE, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2660-4

ISOLATION & PURIFICATION

High-performance liquid chromatographic purification of deoxynucleoside 5'-triphosphates and their use in a sensitive electrophoretic assay of misincorporation during DNA synthesis. Revich GG, et al. **J Chromatogr** 1984 Dec 28;317:283-300

Preparation of RPC-5 like resin for HPLC (Neosorb LC) and its use for the separation of oligonucleotides and mononucleotides. Sawai H. **Nucleic Acids Symp Ser** 1984; (15):105-8

METABOLISM

Bromodeoxyuridine mutagenesis and deoxyribonucleotide pool imbalance in mammalian cells. Ashman CR, et al. **Basic Life Sci** 1985;31:391-408 (21 ref.)

Molecular mechanisms in genetic stability and change: the role of deoxyribonucleotide pool balance. Haynes RH. **Basic Life Sci** 1985;31:1-23 (53 ref.)

Aspects of DNA repair and nucleotide pool imbalance. Holliday R. **Basic Life Sci** 1985;31:453-60 (24 ref.)

Enzymatic channeling of DNA precursors. Mathews CK. **Basic Life Sci** 1985;31:47-66 (60 ref.)

Ribonucleotide reductase and deoxyribonucleotide pools. Reichard P. **Basic Life Sci** 1985;31:33-45 (27 ref.)

Effects of nucleotide pool imbalances on the excision repair of ultraviolet-induced damage in the DNA of human diploid fibroblasts. Snyder RD. **Basic Life Sci** 1985; 31:163-73

Deoxynucleoside triphosphate pool changes and UV-induced depression of DNA synthesis. Griffiths TD, et al. **Biochem Biophys Res Commun** 1984 Sep 17; 123(2):742-8

3-Aminobenzamide does not alter DNA repair in human fibroblasts through modulation of deoxynucleoside triphosphate pools. Snyder RD. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):457-61

Diverse deoxyribonucleotide profiles in cultured human cells with differential sensitivity to thymidine. Leyva A, et al. **Cancer Biochem Biophys** 1984 Sep;7(3):231-7

Degradation of nucleic acids with ozone. V. Mechanism of action of ozone on deoxyribonucleoside 5'-monophosphates. Ishizaki K, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3601-6

Deoxyribonucleoside triphosphate metabolism and the mammalian cell cycle. Effects of thymidine on wild-type and dCMP deaminase-deficient mouse S49 T-lymphoma cells. Eriksson S, et al. **Exp Cell Res** 1984 Nov; 155(1):129-40

On the importance of deoxyribonucleotide pools in the senescence of cultured human diploid fibroblasts. Dick JE, et al. **FEBS Lett** 1985 Jan 1;179(1):21-4

Uptake of intact nucleoside monophosphates by Bdellovibrio bacteriovorus 109J. Ruby EG, et al. **J Bacteriol** 1985 Sep; 163(3):1087-94

Ribonucleotide reductase activity and deoxyribonucleoside triphosphate metabolism during the cell cycle of S49 wild-type and mutant mouse T-lymphoma cells. Albert DA, et al. **J Biol Chem** 1985 Jan 10;260(1):679-84

Evidence for the involvement of substrate cycles in the regulation of deoxyribonucleoside triphosphate pools in 3T6 cells. Nicander B, et al. **J Biol Chem** 1985 Aug 5; 260(16):9216-22

Efficient misincorporation by avian myeloblastosis virus reverse transcriptase in the presence of a single deoxyribonucleoside triphosphate. Champoux JJ. **J Mol Appl Genet** 1984;2(5):454-64

A role for DNA polymerase in the specificity of nucleotide incorporation opposite N-acetyl-2-aminofluorene adducts. Rabkin SD, et al. **J Mol Biol** 1984 Sep 25;178(3):569-94

Structural alterations of the aprt locus induced by deoxyribonucleoside triphosphate pool imbalances in Chinese hamster ovary cells. Goncalves O, et al. **Mol Cell Biol** 1984 Sep;4(9):1792-9

Specificity of inhibitors of poly(ADP-ribose) synthesis. Effects on nucleotide metabolism in cultured cells. Hunting DJ, et al. **Mol Pharmacol** 1985 Aug;28(2):200-6

Mechanism of UV-induced deoxynucleoside triphosphate pool imbalance in CHO-K1 cells. Newman CN, et al. **Mutat Res** 1985 Jan-Mar;145(1-2):95-101

The relevance of DNA precursor pools to repair. Meuth M. **Nucleic Acids Symp Ser** 1984;(13):217-29

The effects of exogenous thymidine on endogenous deoxynucleotides and mutagenesis in mammalian cells. Weinberg GL, et al. **Somatic Cell Mol Genet** 1985 Sep; 11(5):413-9

PHARMACODYNAMICS

Effect of DNA polymerase inhibitors on the replication of human cytomegalovirus. Brief report. Gönczöl E, et al. **Arch Virol** 1985;84(1-2):129-34

Mutation induction by excess deoxyribonucleotides in Saccharomyces cerevisiae. Brendel M. **Basic Life Sci** 1985; 31:425-34

The effect of cell proliferation, bromodeoxyuridine concentration, and deoxynucleoside triphosphate pools on sister chromatid exchange induction. Ockey CH, et al. **Basic Life Sci** 1984;29 Pt A:267-79

2',3'-Dideoxy-3'-aminonucleoside 5'-triphosphates inhibit the repair of DNA in rat liver chromatin. Krayevsky A, et al. **Biochim Biophys Acta** 1984 Dec 14;783(3):216-20

Inhibition of replicative DNA synthesis in nuclei of Strongylocentrotus intermedium urchin embryo by 2',3'-dideoxy-3'-aminonucleoside 5'-triphosphates. Kukhanova M, et al. **Biochim Biophys Acta** 1984 Dec 14; 783(3):221-6

Inhibition of DNA polymerase alpha by 2',3'-dideoxyribonucleoside 5'-triphosphates: effect of manganese ion. Ono K, et al. **Biomed Pharmacother** 1984; 38(8):382-9

3'-Fluoro-2',3'-dideoxyribonucleoside 5'-triphosphates: terminators of DNA synthesis. Chidgeavadze ZG, et al. **FEBS Lett** 1985 Apr 22;183(2):275-8

Effects of 2',3'-dideoxynucleosides on mammalian cells and viruses. Waqar MA, et al. **J Cell Physiol** 1984 Nov; 121(2):402-8

DEOXYRIBOSE

Competition between anaerobic covalent linkage of neocarzinostatin chromophore to deoxyribose in DNA and oxygen-dependent strand breakage and base release. Povirk LF, et al. **Biochemistry** 1984 Dec 18;23(26):6304-11

Superoxide dismutase inhibits the superoxide-driven Fenton reaction at two different levels. Implications for a wider protective role. Gutteridge JM. **FEBS Lett** 1985 Jun 3; 185(1):19-23

METABOLISM

Streptonigrin-induced deoxyribose degradation: inhibition by superoxide dismutase, hydroxyl radical scavengers and iron chelators. Gutteridge JM. **Biochem Pharmacol** 1984 Oct 1;33(19):3059-62

DEOXYTHYMIDINE KINASE see THYMIDINE KINASE

DEOXYURACIL NUCLEOTIDES

Use of biotinylated probes for detecting sickle cell anemia. Garbutt GJ, et al. **Clin Chem** 1985 Jul;31(7):1203-6

ANALYSIS

A nitrocellulose-filter assay for the binary complex of 5-fluorodeoxyuridylate and Lactobacillus casei thymidylate synthetase. Ahmed F, et al. **Anal Biochem** 1985 Feb 15;145(1):151-9

ISOLATION & PURIFICATION

Isolation of the covalent binary complex of 5-fluorodeoxyuridylate and thymidylate synthetase by trichloroacetic acid precipitation. Moore MA, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):37-43

METABOLISM

Antifolate-induced misincorporation of deoxyuridine monophosphate into DNA by cells from patients with the fragile X syndrome. Wang JC, et al. **Am J Med Genet** 1985 Aug;21(4):691-6

In situ nick translation of human and mouse chromosomes detected with a biotinylated nucleotide. Murer-Orlando ML, et al. **Exp Cell Res** 1985 Apr;157(2):322-34

Evidence from chemical degradation studies for a covalent bond from 5-fluoro-2'-deoxyuridylate to N-5 of tetrahydrofolate in the ternary complex of thymidylate synthetase-5-fluoro-2'-deoxyuridylate-5,10-methylenetetr Pellino AM, et al. **J Biol Chem** 1985 Sep 15; 260(20):10996-1000

PHARMACODYNAMICS

Inhibition of human and woodchuck hepatitis virus DNA polymerase by the triphosphates of acyclovir, 1-(2'-deoxy-2'-fluoro-beta-D-arabinofuranosyl)-5-iodoc and E-5-(2-bromovinyl)-2'-deoxyuridine. Hantz O, et al. **Antiviral Res** 1984 Aug;4(4):187-99

Comparative inhibition of DNA polymerases from varicella zoster virus (TK+ and TK-) strains by (E)-5-(2-bromovinyl)-2'-deoxyuridine 5'-triphosphate. Yokota T, et al. **Mol Pharmacol** 1984 Sep;26(2):376-80

[Effect of 5-iodo-2'-deoxyuridine on the antibacterial activity of antibiotics] Ooishi M, et al. **Nippon Ganka Gakkai Zasshi** 1984 Nov;88(11):1409-11 (Eng. Abstr.) **(Jpn)**

DEOXYURIDINE

ANALOGS & DERIVATIVES

Combined antiviral effects of flavonoids and 5-ethyl-2'-deoxyuridine on the multiplication of herpesviruses. Mucsi I. **Acta Virol (Praha)** 1984 Sep; 28(5):395-400

Differential antiherpes activity of the (E)-and (Z)-isomers of 5-(2-fluorovinyl)-2'-deoxyuridine (FVUdR). Reefschläger J, et al. **Acta Virol (Praha)** 1984 Jul; 28(4):282-6

Comparison of topically applied 5-ethyl-2'-deoxyuridine and acyclovir in the treatment of cutaneous herpes simplex virus infection in guinea pigs. Spruance SL, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):103-6

Prodrugs of 5-ethyl-2'-deoxyuridine. I. Syntheses and antiviral activities of some 5'-O-acyl derivatives. Keppeler K, et al. **Arch Pharm (Weinheim)** 1984 Oct;317(10):867-73

The replication of unsubstituted and 5-bromodeoxyuridine- or 5-chlorodeoxyuridine-substituted DNA regulates the rate of induction of sister chromatid exchanges. O'Neill JP, et al. **Basic Life Sci** 1984;29 Pt A:59-68

Induction of DNA lesions, chromosomal aberrations, and G2 delay by bromo- and chlorodeoxyuridine. Zwanenburg TS, et al. **Basic Life Sci** 1984;29 Pt A:69-82

Uracil derivatives. V. Syntheses and growth-inhibitory activity against L-1210 cells of 5-substituted 2'-deoxyuridines and orotidine derivatives. Okada J, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):856-64

Tumor uptake of radiolabelled pyrimidine bases and pyrimidine nucleosides in animal models: VII. [2-14C]-5-ethyl-1-(2'-deoxy-beta-D-ribofuranosyl)uracil Lee YW, et al. **Int J Appl Radiat Isot** 1984 Nov; 35(11):1063-6

Metabolism of the carbocyclic analogue of (E)-5-(2-iodovinyl)-2'-deoxyuridine in herpes simplex virus-infected cells. Incorporation of C-IVDU into DNA. De Clercq E, et al. **J Biol Chem** 1985 Sep 5;260(19):10621-8

Synthesis and antiviral activity of the carbocyclic analogues of (E)-5-(2-halovinyl)-2'-deoxyuridines and (E)-5-(2-halovinyl)-2'-deoxycytidines. Herdewijn P, et al. **J Med Chem** 1985 May;28(5):550-5

Role of thymidine kinase and thymidylate synthetase in the cytostatic, antimetabolic, and antitumor effects of the carbocyclic analogue of 5-nitro-2'-deoxyuridine. A comparison with 5-nitro-2'-deoxyuridine. Balzarini J, et al. **Mol Pharmacol** 1985 May;27(5):578-83

DIAGNOSTIC USE

The deoxyuridine suppression test identifies subtle cobalamin deficiency in patients without typical megaloblastic anemia. Carmel R, et al. **JAMA** 1985 Mar 1;253(9):1284-7

METABOLISM

Misincorporation of deoxyuridine in human cells: consequences of antifolate exposure. Richards RG, et al. **Basic Life Sci** 1985;31:149-62

Effect of the dialdehyde derivative of 5'-deoxyinosine on pyrimidine deoxyribonucleoside metabolism in L1210 cells. Ohmstede CA, et al. **Biochem Pharmacol** 1985 May 15; 34(10):1717-24

Paradoxical effect of BW 301U, a lipophilic antifolate, on methotrexate-inhibitable deoxyuridine incorporation by human hematopoietic cells. Iland HJ, et al. **Cancer Res** 1985 Aug;45(8):3962-8

Identification of two alpha-ketoglutarate-dependent dioxygenases in extracts of Rhodotorula glutinis catalyzing deoxyuridine hydroxylation. Stubbe J. **J Biol Chem** 1985 Aug 25;260(18):9972-5

Synergistic deleterious effects of nitrous oxide exposure and vitamin B12 deficiency. O'Leary PW, et al. **J Lab Clin Med** 1985 Apr;105(4):428-31

DEOXYURIDINE PHOSPHATES see **DEOXYURACIL NUCLEOTIDES**

DEPARTMENT OF HEALTH AND HUMAN SERVICES (U.S.) see **UNITED STATES DEPT. OF HEALTH AND HUMAN SERVICES**

DEPENDENCY (PSYCHOLOGY) see under **PERSONALITY**

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DEPERSOLONE see under **PREDNISOLONE**

DEPERSONALIZATION see **DEPERSONALIZATION DISORDER**

DEPERSONALIZATION DISORDER

ETIOLOGY

Koro in non-Chinese subjects [letter] **Br J Psychiatry** 1985 Jan;146:102-3

PREVENTION & CONTROL

Relaxation and depersonalization [letter] Edinger JD. **Br J Psychiatry** 1985 Jan;146:103

DEPILATION see **HAIR REMOVAL**

DEPOLARIZING MUSCLE RELAXANTS see **NEUROMUSCULAR DEPOLARIZING AGENTS**

DEPOT PREPARATIONS see **DELAYED-ACTION PREPARATIONS**

DEPRECIATION see under **ACCOUNTING**

DEPRESSION

Depressive symptoms in pregnancy [letter] Ancill R, et al. **Br J Psychiatry** 1984 Oct;145:446-7

Common migraine versus daily chronic headache: a study of the relationship between depression and anxiety scores, and dexamethasone suppression test. Falaschi P, et al. **Cephalalgia** 1985 May;5 Suppl 2:215-7

Locus of control, depression, and anxiety in young and old adults: a comparison study. Molinari V, et al. **Int J Aging Hum Dev** 1984-85;20(1):41-52

Intergenerational solidarity and psychological well-being among older Mexican Americans: a three-generations study. Markides KS, et al. **J Gerontol** 1985 May;40(3):390-2

[Psychiatric medicine] Ibañez Dominguez J. **Acta Psiquiatr Psicol Am Lat** 1984 Jun;30(2):135-40 (Eng. Abstr.) (Spa)

BLOOD

Plasma tryptophan, age and depression. Phipps DA, et al. **Age Ageing** 1985 Mar;14(2):71-5

Relationship between plasma cortisol concentrations and depression in chronic alcoholic patients. Majumdar SK, et al. **Drug Alcohol Depend** 1984 Sep;14(1):45-9

Hypercortisolism and depression [letter] Lowy MT, et al. **N Engl J Med** 1985 Mar 21;312(12):791-2

Depression, suicide, and aggression in alcoholics and their relationship to plasma amino acids. Branchey L, et al. **Psychiatry Res** 1984 Jul;12(3):219-26

CEREBROSPINAL FLUID

CSF beta-EP in headache and depression. Nappi G, et al. **Cephalalgia** 1985 Jun;5(2):99-101

CHEMICALLY INDUCED

Metoclopramide and depression [letter] Bottner RK, et al. **Ann Intern Med** 1985 Sep;103(3):482

Blockade of a 5-hydroxytryptophan-induced animal model of depression with a potent and selective 5-HT2 receptor antagonist (LY53857). Hingtgen JN, et al. **Biol Psychiatry** 1985 Jun;20(6):592-7

Depression following pemoline withdrawal in a hyperactive child [letter] Brown RT, et al. **Clin Pediatr (Phila)** 1985 Mar;24(3):174

Depression from beta-adrenergic-blocking drugs [editorial] Salem RB, et al. **Drug Intell Clin Pharm** 1984 Sep; 18(9):741-2

Nomifensine exacerbates depression and seizures in an epileptic patient [letter] Gillman MA, et al. **Neurology** 1984 Dec;34(12):1620-1

[Psychosomatic complications of contraception] Cepický P, et al. **Cesk Gynekol** 1984 Dec;49(10):758-9 (Cze)

CLASSIFICATION

[Anthropological classification of depression] Moussaoui D, et al. **Ann Med Psychol (Paris)** 1984 Sep-Oct; 142(8):1125-30 (Fre)

[Classification of depression] Katschnig H, et al. **Wien Klin Wochenschr** 1985 Feb 15;97(4):175-82 (Eng. Abstr.) (Ger)

COMPLICATIONS

Depression and learned helplessness in mentally retarded and nonmentally retarded adolescents: an initial investigation. Reynolds WM, et al. **Appl Res Ment Retard** 1985; 6(3):295-306

Depression in patients referred to a dementia clinic. A three-year prospective study. Reding M, et al. **Arch Neurol** 1985 Sep;42(9):894-6

Prevalence of depression and anxiety in patients with COPD. Relationship to functional capacity. Light RW, et al. **Chest** 1985 Jan;87(1):35-8

Depressive symptoms differentiating between heroin addicts and alcoholics. Steer RA, et al. **Drug Alcohol Depend** 1985 May;15(1-2):145-50

Memory-skills training, memory complaints, and depression in older adults. Scogin F, et al. **J Gerontol** 1985 Sep; 40(5):562-8

Depression and physical illness: a multiwave, nonrecursive causal model. Aneshensel CS, et al. **J Health Soc Behav** 1984 Dec;25(4):350-71

Thrombocytopenia in a 34-year-old woman with chronic depression [clinical conference] **NY State J Med** 1984 Sep; 84(9):452-6

Electroconvulsive therapy in a patient with unsuspected pheochromocytoma. Carr ME Jr, et al. **South Med J** 1985 May;78(5):613-5

[Depression and suicide] Ringel E. **Wien Klin Wochenschr** 1985 Feb 15;97(4):215-21 (Eng. Abstr.) (Ger)

[Psychopathologic features of patients with mitral prolapse] Ravizza L, et al. **Minerva Psichiatr** 1985 Jan-Mar;26(1):1-9 (Eng. Abstr.) (Ita)

DIAGNOSIS

Pseudocyesis. Zuber T, et al. **Am Fam Physician** 1984 Nov; 30(5):131-4

Depression among Vietnamese refugees in a primary care clinic. Lin EH, et al. **Am J Med** 1985 Jan;78(1):41-4

Hopelessness and eventual suicide: a 10-year prospective study of patients hospitalized with suicidal ideation. Beck AT, et al. **Am J Psychiatry** 1985 May;142(5):559-63

Depressive symptoms and suicidal behavior in adolescents. Robbins DR, et al. **Am J Psychiatry** 1985 May; 142(5):588-92

Depressed mood during pregnancy and the puerperium: clinical recognition and implications for clinical practice. Saks BR, et al. **Am J Psychiatry** 1985 Jun;142(6):728-31

Depression and anxiety in pain clinic patients. Rapid assessment by microcomputer. Hanks GW, et al. **Anaesthesia** 1985 Jul;40(7):676-9

Tritiated imipramine binding distinguishes among subtypes of depression. Lewis DA, et al. **Arch Gen Psychiatry** 1985 May;42(5):485-8

The dexamethasone suppression test. An indicator of depression in stroke but not a predictor of rehabilitation outcome. Reding M, et al. **Arch Neurol** 1985 Mar; 42(3):209-12

Unrecognised depression in general practice [letter] Glover GR. **Br Med J [Clin Res]** 1985 Jul 13;291(6488):140

The Zurich study. III. Diagnosis of depression. Angst J, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(1):30-7

Symptom contamination of life event scales. Zimmerman M, et al. **Health Psychol** 1984;3(1):77-81

Recognizing depression in patients receiving medical care. Saltz CC, et al. **Health Soc Work** 1985 Winter;10(1):15-22

Unmasking clinical depression. Berenbaum IL. **Hosp Pract [Off]** 1985 Jan 30;20(1A):64-9, 72

Cerebral metastases mimicking depression in a 'forgetful' attorney. Barclay LL, et al. **J Am Geriatr Soc** 1984 Nov; 32(11):866-7

Development and validation of a behavioral peer-rating measure of depression. Malouff J. **J Consult Clin Psychol** 1984 Dec;52(6):1108-9

Chronic pain review. A suspiciously well patient. Morse RH. **J La State Med Soc** 1985 Apr;137(4):19-20, 22

Multidimensional assessment of depression. Berndt DJ, et al. **J Pers Assess** 1984 Oct;48(5):489-94

Does the diagnosis of depression in head and neck cancer mask organic brain disease? Adams F, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):618-24

Depressive symptoms, major depression, and generalized anxiety: a comparison of self-reports on CES-D and results from diagnostic interviews. Breslau N. **Psychiatry Res** 1985 Jul;15(3):219-29

Acetylcholine and alpha 1-adrenergic sensitivity in the separation of depression and anxiety. Sitaram N, et al. **Psychopathology** 1984;17 Suppl 3:24-39

Is it anxiety or depression? Ayd FJ Jr. **South Med J** 1984 Oct;77(10):1269-72

[Factor structure of the H.S.C.L. in a sample of French anxious-depressed patients] Guelfi JD, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):889-96 (Eng. Abstr.) (Fre)

[Evaluation of anxiety and depression among patients hospitalized on an internal medicine service] Lépine JP, et al. **Ann Med Psychol (Paris)** 1985 Feb;143(2):175-89 (Fre)

[Brief self-evaluation questionnaire for depressive, asthenic and anxious dimensions] Pichot P, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):862-5 (Eng. Abstr.) (Fre)

[The Beck Depression Inventory in psychosomatic research] Ancona M, et al. **Minerva Psichiatr** 1985 Jan-Mar; 26(1):41-5 (Eng. Abstr.) (Ita)

[Clinical and endocrinological aspects of delusional depression] Ayuso Gutiérrez JL, et al. **Acta Psiquiatr Psicol Am Lat** 1984 Sep;30(3):175-83 (Eng. Abstr.) (Spa)

DRUG THERAPY

Separate and combined anxiolytic and anti-depressant treatment of mixed anxiety/depression. A double-blind, placebo controlled comparison. Sussex Clinical Trials Group. **Acta Psychiatr Scand** 1985 Jul;72(1):81-8

Tricyclic antidepressants in treatment of depression and chronic pain: analysis of the supporting evidence. Rosenblatt RM, et al. **Anesth Analg** 1984 Nov; 63(11):1025-32 (105 ref.)

Determination of plasma bupropion and its relationship to therapeutic effect. Fogel P, et al. **Biomed Mass Spectrom** 1984 Dec;11(12):629-32

The use of benzodiazepines in depression. Johnson DA. **Br J Clin Pharmacol** 1985;19 Suppl 1:31S-35S

Brief review of published alprazolam clinical studies. Straw RN. **Br J Clin Pharmacol** 1985;19 Suppl 1:57S-59S (22 ref.)

The present status of monoamine oxidase inhibitors. Pare CM. **Br J Psychiatry** 1985 Jun;146:576-84 (88 ref.)

The psychopharmacological treatment of depression in the medically ill patient. Ban TA, et al. **Can J Psychiatry** 1984 Oct;29(6):461-6

Tricyclic antidepressant and metabolite levels in chronic renal failure. Lieberman JA, et al. **Clin Pharmacol Ther** 1985 Mar;37(3):301-7

Differences in lithium effects in depressed and healthy subjects. Rudorfer MV, et al. **Clin Pharmacol Ther** 1985 Jan;37(1):66-71

Geriatric depression: a guide to successful therapy. Lazarus LW, et al. **Geriatrics** 1985 Jun;40(6):43-8, 52-3

Depression in alcoholics: implications for treatment [letter] Dave M, et al. **JAMA** 1985 Jul 12;254(2):231

Imipramine treatment differentially affects platelet 3H-imipramine binding and serotonin uptake in depressed patients. Suranyi-Cadotte BE, et al. **Life Sci** 1985 Feb 25; 36(8):795-9

A clinical trial of bupropion in the treatment of depressed outpatients. Hughes S, et al. **Minn Med** 1984 Sep; 67(9):501-5

Potential anti-depressive effects of thyrotropin releasing hormone (TRH) and its analogues. Ogawa N, et al. **Peptides (Fayetteville)** 1984 Jul-Aug;5(4):743-6

The behavioural depression of hippocampal kindled rats is attenuated by subcutaneous and intracerebroventricular naltrexone. Cottrell GA, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):673-6

Effects of sulpiride and chlorpromazine on depressive symptoms in schizophrenic patients—relationship to drug concentrations. Alfredsson G, et al. **Psychopharmacology (Berlin)** 1984;84(2):237-41

Prolactin, amitriptyline, and recovery from depression.

Lisansky J, et al. **Psychopharmacology (Berlin)** 1984; 84(3):331–5

[Pain and depressive symptoms in general practice. A controlled study of Anafranil (clomipramine) versus placebo] Jørgensen B, et al. **Ugeskr Laeger** 1984 Sep 19; 146(38):2868–72 (Eng. Abstr.) **(Dan)**

[Ambulatory treatment with antidepressive agents] Rooymans HG. **Ned Tijdschr Geneeskd** 1984 Dec 29; 128(52):2456–60 **(Dut)**

[Clinical experiences with the new-generation anxiolytic agent cloxazolam—a double-blind study] Zmorski T, et al. **Schweiz Rundsch Med Prax** 1985 Jul 2;74(27):728–34 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Depressive symptoms, social networks and social support of elderly women. Goldberg EL, et al. **Am J Epidemiol** 1985 Mar;121(3):448–56

Depression and gastrointestinal illness: the joint use of biological and clinical criteria. Fava GA, et al. **Am J Gastroenterol** 1985 Mar;80(3):195–9

Correlates of depressive symptoms among a select population of black men. Gary LE. **Am J Public Health** 1985 Oct; 75(10):1220–2

Supports, stressors, and depressive symptoms in low-income mothers of young children. Hall LA, et al. **Am J Public Health** 1985 May;75(5):518–22

Depression at the menopause. Osborn M. **Br J Hosp Med** 1984 Sep;32(3):126, 128–9 (32 ref.)

Childhood depression. Poole SR, et al. **Compr Ther** 1984 Nov; 10(11):37–42

Occupational stress, social support, and depression. Revicki DA, et al. **Health Psychol** 1985;4(1):61–77

Candidiasis and depression [letter] Crook WG. **Hosp Pract [Off]** 1985 Jan 30;20(1A):12

Depression and conversion hysteria in chronic inflammatory polyradiculoneuropathy. Drake ME Jr. **J Fam Pract** 1984 Nov;19(5):679–80, 682

Depression: a psychologic consideration in complete denture prosthodontics. Chamberlain BB, et al. **J Prosthet Dent** 1985 May;53(5):673–5

Depression and Candida [letter] Edwards DA. **JAMA** 1985 Jun 21;253(23):3400

[Masked depression in obstetrics and gynecology] Angelini G, et al. **Minerva Ginecol** 1984 Jul–Aug;36(7–8):455–8 (Eng. Abstr.) **(Ita)**

METABOLISM

[Changes in urinary levels of MHPG, VMA and 5-HIAA and plasma tryptophan in post-partum blues. Initial results] Garnier JP, et al. **Encephale** 1985 Jan–Feb;11(1):35–7 (Eng. Abstr.) **(Fre)**

NURSING

Hidden depression. Laurent CL. **Am J Nurs** 1985 May; 85(5):543

OCCURRENCE

Psychiatric illness in residential homes for the elderly: a survey in one London borough. Mann AH, et al. **Age Ageing** 1984 Sep;13(5):257–65

The Zurich study. II. The continuum from normal to pathological depressive mood swings. Angst J, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(1):21–9

Epidemiology of depressive symptoms in black communities. A comparative analysis. Dressler WM, et al. **J Nerv Ment Dis** 1985 Apr;173(4):212–20

Depression and fear of death in a normal population. Lester D. **Psychol Rep** 1985 Jun;56(3):882

[Frequency of psychiatric disorders in nonpsychiatric hospital patients] Künsebeck HW, et al. **Dtsch Med Wochenschr** 1984 Sep 21;109(38):1438–42 (Eng. Abstr.) **(Ger)**

[Evaluation of the incidence of depressive mental disorders of among children and adolescents based on the frequency of diagnosis of these disorders in psychiatric care centers] Bomba J, et al. **Psychiatr Pol** 1984 Jul–Aug;18(4):327–32 (Eng. Abstr.) **(Pol)**

[Prevalence of depressive symptoms among patients admitted to a general hospital] Morera Fumero AL, et al. **Actas Luso Esp Neurol Psiquiatr** 1984 Nov–Dec; 12(6):409–15 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Biochemical theories of schizophrenia and depression. Hollister LE. **Ann Acad Med Singapore** 1985 Jan; 14(1):76–80

Depression and anxiety inventories, and the dexamethasone suppression test. Sangal R, et al. **Biol Psychiatry** 1984 Aug; 19(8):1207–13

Effects of zometapine, a structurally novel antidepressant, in an animal model of depression. Katz RJ. **Pharmacol Biochem Behav** 1984 Oct;21(4):487–90

Cerebromicrocirculatory defects in animal model of depression. Preskorn SH, et al. **Psychopharmacology (Berlin)** 1984;84(2):196–9

Comparison of effects of desipramine and amitriptyline on EEG sleep of depressed patients. Shipley JE, et al. **Psychopharmacology (Berlin)** 1985;85(1):14–22

Effects of lateralized presentations of faces on self-reports of emotion and EEG asymmetry in depressed and non-depressed subjects. Davidson RJ, et al. **Psychophysiology** 1985 May;22(3):353–64

PSYCHOLOGY

Depressive symptoms among native American alcoholics at the time of a 10-year follow-up. Westermeyer J, et al. **Alcoholism (NY)** 1984 Sep–Oct;8(5):429–34

Depressive symptoms among women employed outside the home. Krause N, et al. **Am J Community Psychol** 1985 Feb;13(1):49–67

Children and affect: strategies for self-regulation and sex differences in sadness. Franko DL, et al. **Am J Orthopsychiatry** 1985 Apr;55(2):210–9

Weight change and psychological state in obese women. Weighill VE, et al. **Appetite** 1984 Jun;5(2):95–102

The nature of depressive and anxious, intrusive thoughts: distinct or uniform phenomena? Clark DA, et al. **Behav Res Ther** 1985;23(4):383–93

Predictors of depressive mood in mothers of clinic-referred children. Forehand R, et al. **Behav Res Ther** 1985; 23(4):415–21

Depressive symptoms and unprompted causal attributions: content analysis. Peterson C, et al. **Behav Res Ther** 1985; 23(4):379–82

Depression in the young unemployed and those on Youth Opportunities Schemes. Branthwaite A, et al. **Br J Med Psychol** 1985 Mar;58 (Pt 1):67–74

Relationship of depression to clonidine detoxification of opiate addicts. Kosten TR, et al. **Compr Psychiatry** 1984 Sep–Oct;25(5):503–8

A cross-cultural study of depressive symptomology. Chang WC. **Cult Med Psychiatry** 1985 Sep;9(3):295–317

A monoamine oxidase inhibitor reverses the 'separation syndrome' in a new hamster separation model of depression. Crawley JN. **Eur J Pharmacol** 1985 May 28; 112(1):129–33

Cognitive problem-solving and life event correlates of depressive symptoms in children. Mullins LL, et al. **J Abnorm Child Psychol** 1985 Jun;13(2):305–14

Depressive self-schemas, life stress, and vulnerability to depression. Hammen C, et al. **J Abnorm Psychol** 1985 Aug; 94(3):308–19

Depressive symptoms among physically abused and psychiatrically disturbed children. Kazdin AE, et al. **J Abnorm Psychol** 1985 Aug;94(3):298–307

Loss of control, self-blame, and depression: an investigation of spouse caregivers of Alzheimer's disease patients. Pagel MD, et al. **J Abnorm Psychol** 1985 May;94(2):169–82

Dysphoric mood and overeating: a test of restraint theory's disinhibition hypothesis. Ruderman AJ. **J Abnorm Psychol** 1985 Feb;94(1):78–85

Adverse health behaviors and depressive symptomatology in adolescents. Kaplan SL, et al. **J Am Acad Child Psychiatry** 1984 Sep;23(5):595–601

Nonverbal behavior and childhood depression. Kazdin AE, et al. **J Am Acad Child Psychiatry** 1985 May;24(3):303–9

Depression and the wish to be held. Stein N, et al. **J Clin Psychol** 1985 Jan;41(1):3–9

Dramatic induction of depressive mood. van Rooijen L, et al. **J Clin Psychol** 1984 Nov;40(6):1318–22

Assessment of overt behavior and childhood depression among psychiatrically disturbed children. Kazdin AE, et al. **J Consult Clin Psychol** 1985 Apr;53(2):201–10

Body image, physical attractiveness, and depression. Noles SW, et al. **J Consult Clin Psychol** 1985 Feb;53(1):88–94

Effects of marital role problems and the self-concept on wives' depressed mood. Schafer RB. **J Consult Clin Psychol** 1985 Aug;53(4):541–3

Mood, recall, and selectivity effects in normal college students. Hasher L, et al. **J Exp Psychol [Gen]** 1985 Mar; 114(1):104–18

Emotional mood states and retrieval in episodic memory. Ellis HC, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Apr;11(2):363–70

Protective function of resources related to life events, global stress, and depression in older adults. Norris FH, et al. **J Health Soc Behav** 1984 Dec;25(4):424–37

Coping and depression. The relative contribution of internal and external resources during a life cycle transition. Richman J, et al. **J Nerv Ment Dis** 1985 Oct;173(10):590–5

Desire for control, locus of control, and proneness to depression. Burger JM. **J Pers** 1984 Mar;52(1):71–89

Stress, externality, and depression. Ganellen RJ, et al. **J Pers** 1984 Dec;52(4):326–37

Depression and evaluative schemata. Ruehlman LS, et al. **J Pers** 1985 Mar;53(1):46–92 (120 ref.)

The Depressive Experiences Questionnaire: revision and validation. Welkowitz J, et al. **J Pers Assess** 1985 Feb; 49(1):89–94

Construct accessibility and depression: an examination of cognitive and affective factors. Gotlib IH, et al. **J Pers Soc Psychol** 1984 Aug;47(2):427–39

Jealousy: loss of relationship rewards, loss of self-esteem, depression, anxiety, and anger. Mathes EW, et al. **J Pers Soc Psychol** 1985 Jun;48(6):1552–61

The nature of negative thoughts in depression. Pietromonaco PR, et al. **J Pers Soc Psychol** 1985 Mar;48(3):799–807

Induction of depressed mood: a test of opponent-process theory. Ranieri DJ, et al. **J Pers Soc Psychol** 1984 Dec; 47(6):1413–22

Factors in the self-deception questionnaire: associations with depression. Roth DL, et al. **J Pers Soc Psychol** 1985 Jan; 48(1):243–51

Assessing depression and anxiety in chronic dialysis patients. Kutner NG, et al. **J Psychosom Res** 1985;29(1):23–31

Women and minor psychiatric morbidity [editorial] Jenkins R. **J R Soc Med** 1985 Feb;78(2):95–7

Extramarital sex: impact on depression and commitment in couples seeking marital therapy. Beach SR, et al. **J Sex Marital Ther** 1985 Summer;11(2):99–108

Depressive symptoms associated with sexual assault. Becker JV, et al. **J Sex Marital Ther** 1984 Fall;10(3):185–92

Right hemisphere interference during negative affect: a reaction time study. Ladavas E, et al. **Neuropsychologia** 1984;22(4):479–85

Family life events, maternal depression, and maternal and teacher descriptions of child behavior. Fergusson DM, et al. **Pediatrics** 1985 Jan;75(1):30–5

Intimacy and depression in older women. Essex MJ, et al. **Psychiatry** 1985 May;48(2):159–78

Life satisfaction and depression among retired black persons. Farakhan A, et al. **Psychol Rep** 1984 Oct;55(2):452–4

Anxiety, depression, and hostility in rural women. Hertsgaard D, et al. **Psychol Rep** 1984 Oct;55(2):673–4

Humor preference and coping with stress. Schill T, et al. **Psychol Rep** 1984 Aug;55(1):309–10

Assessment of suicide risk in patients with personality disorder and major affective diagnosis. Clements CD, et al. **QRB** 1985 May;11(5):150–4

The internship year [letter] Davis RM. **South Med J** 1985 Aug;78(8):1026–7

[The danger of suicide in depression] Pohlmeier H. **Lebensversicherungsmedizin** 1985 Jan 1;37(1):8–10 (Eng. Abstr.) **(Ger)**

[Forensic psychiatry problems in depression] Frank C, et al. **Wien Klin Wochenschr** 1985 Feb 15;97(4):196–201 (Eng. Abstr.) **(Ger)**

[A study on the psychological features of depression and neurosis in the old age] Hoshino R. **Nippon Ronen Igakkai Zasshi** 1984 Sep;21(5):470–6 (Eng. Abstr.) **(Jpn)**

[Postpartum blues syndrome] Nogami Y, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1279–82 **(Jpn)**

[Psychiatric aspects of kidney transplantation. Description of a clinical case] Retamal P. **Actas Luso Esp Neurol Psiquiatr** 1984 Sep–Oct; 12(5):299–304 **(Spa)**

THERAPY

Combined psychotherapy and pharmacotherapy for depression–the compliance variable [letter] Condon JT. **Br J Psychiatry** 1985 Jun;146:670–1

Electro-acupuncture vs. amitriptyline in the treatment of depressive states. Luo HC, et al. **J Tradit Chin Med** 1985 Mar;5(1):3–8

Exercise therapy for anxiety and depression. 2. What are the specific considerations for clinical application? Mellion MB. **Postgrad Med** 1985 Feb 15;77(3):91–3, 95, 98 (20 ref.)

Exercise therapy for anxiety and depression. 1. Does the evidence justify its recommendation? Mellion MB. **Postgrad Med** 1985 Feb 15;77(3):59–62, 66 (19 ref.)

Evaluation of a multimodal structured group approach in treatment of depression. Green M, et al. **Psychol Rep** 1985 Jun;56(3):984–6

A guarded endorsement for shock therapy [news] Holden C. **Science** 1985 Jun 28;228(4707):1510–1

[Biologico-pharmacologically oriented methods of treating depression with special reference to the state of medical practice] Pöldinger W. **Wien Klin Wochenschr** 1985 Feb 15;97(4):165–75 (Eng. Abstr.) **(Ger)**

[Psychotherapy of depression] Schuster P, et al. **Wien Klin Wochenschr** 1985 Feb 15;97(4):208–12 (Eng. Abstr.) **(Ger)**

[Behavior and cognitive therapies in depression] Zapotoczky HG. **Wien Klin Wochenschr** 1985 Feb 15;97(4):212–5 (Eng. Abstr.) **(Ger)**

[Cognitive therapy of depression. A review of 17 controlled studies] Jansson L, et al. **Lakartidningen** 1985 May 8; 82(19):1764–7 **(Swe)**

DEPRESSION, BIPOLAR see **BIPOLAR DISORDER**

DEPRESSION, ENDOGENOUS see **DEPRESSIVE DISORDER**

DEPRESSION, INVOLUTIONAL

DRUG THERAPY

Interrelation between changes in the EEG and psychopathology under pharmacotherapy for endogenous depression. A contribution to the predictor question. Ulrich G, et al. **Pharmacopsychiatry** 1984 Nov;17(6):178–83

Results of a phase II study of the antidepressant effect of rolipram. Zeller E, et al. **Pharmacopsychiatry** 1984 Nov; 17(6):188–90

DEPRESSION, NEUROTIC see **DEPRESSIVE DISORDER**

DEPRESSION, REACTIVE see **ADJUSTMENT DISORDERS**

DEPRESSION, REACTIVE, PSYCHOTIC see **AFFECTIVE DISORDERS, PSYCHOTIC**

DEPRESSION, UNIPOLAR see **DEPRESSIVE DISORDER**

DEPRESSIVE DISORDER

Depression in pre-pubertal, children. Waters BG, et al. **Aust NZ J Psychiatry** 1985 Mar;19(1):6-17 (100 ref.)

Psychiatric progress. The learned helplessness model of depression. Telner JI, et al. **J Psychiatr Res** 1984; 18(3):207-15

The olfactory bulbectomized rat as a model of depression. Leonard BE. **Pol J Pharmacol Pharm** 1984 Sep-Oct; 36(5):561-9 (30 ref.)

Preliminary report of a new rodent separation model of depression. Crawley JN. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(3):447-57

Learned helplessness and animal models of depression. Maier SF. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(3):435-46 (50 ref.)

[Characteristics of depressive patients treated at the Neuropsychiatric Clinic in Novi Sad in 1980] Borišev L. **Med Pregl** 1984;37(7-8):339-41 (Eng. Abstr.) (Scr)

BLOOD

Platelet alpha-adrenergic receptors in depression: ligand binding and aggregation studies. Wood K, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:203-11

The correlation of dexamethasone suppression test and thyrotropin-releasing hormone test results in different subtypes of depression. D'Haenen H, et al. **Acta Psychiatr Belg** 1984 May-Jun;84(3):228-34

Response to dexamethasone in affective disorder outpatients. Steardo L, et al. **Acta Psychiatr Belg** 1984 May-Jun; 84(3):218-27

Serum melatonin in relation to clinical variables in patients with major depressive disorder and a hypothesis of a low melatonin syndrome. Beck-Friis J, et al. **Acta Psychiatr Scand** 1985 Apr;71(4):319-30

Erythrocyte cation transport in endogenous depression: clinical and psychophysiological correlates. Strzyzewski W, et al. **Acta Psychiatr Scand** 1984 Sep;70(3):248-53

Relationship between changes in plasma amino acids and depression in alcoholic patients. Branchey L, et al. **Am J Psychiatry** 1984 Oct;141(10):1212-5

Differences in nocturnal melatonin secretion between melancholic depressed patients and control subjects. Brown R, et al. **Am J Psychiatry** 1985 Jul;142(7):811-6

A high-pressure liquid chromatographic method for plasma phenylacetic acid, a putative marker for depressive disorders. Gusovsky F, et al. **Anal Biochem** 1985 Feb 15; 145(1):101-5

Cortisol secretion in endogenous depression. II. Time-related functions. Halbreich U, et al. **Arch Gen Psychiatry** 1985 Sep;42(9):909-14

Cortisol secretion in endogenous depression. I. Basal plasma levels. Halbreich U, et al. **Arch Gen Psychiatry** 1985 Sep; 42(9):904-8

Effect of protein concentration on kinetic constants (Kd and Bmax) of 3H-imipramine binding in blood platelets. Arora RC, et al. **Biol Psychiatry** 1985 Jan;20(1):116-9

A chronobiological study of melatonin and cortisol secretion in depressed subjects: plasma melatonin, a biochemical marker in major depression. Claustrat B, et al. **Biol Psychiatry** 1984 Aug;19(8):1215-28

Melatonin as depression marker [letter] Goldstein JA. **Biol Psychiatry** 1985 May;20(5):585

Decreased triiodothyronines in depression: a preliminary report. Joffe RT, et al. **Biol Psychiatry** 1985 Aug; 20(8):922-5

Thyroid function and affective illness: a reappraisal. Joffe RT, et al. **Biol Psychiatry** 1984 Dec;19(12):1685-91

Alteration of platelet [3H]imipramine binding in mildly depressed patients correlates with disease severity. Tanimoto K, et al. **Biol Psychiatry** 1985 Mar;20(3):340-3

Plasma testosterone levels, depression, sexuality, and age. Yesavage JA, et al. **Biol Psychiatry** 1985 Feb;20(2):222-5

Circadian rhythms and psychiatry [letter] Nair NP, et al. **Br J Psychiatry** 1984 Nov;145:557-8

Toward a biochemical classification of depressive disorders IX. DST results and platelet MAO activity. Schatzberg AF, et al. **Br J Psychiatry** 1985 Jun;146:633-7

Simultaneous measurement of various antidepressants in the plasma of depressed patients by high performance liquid chromatography. Yufu N, et al. **Folia Psychiatr Neurol Jpn** 1984;38(1):57-64

Spontaneous afternoon plasma cortisol in depression. Christensen P, et al. **J Affective Disord** 1985 May-Jun; 8(3):271-8

Decreased erythrocyte membrane elevations in patients with a major depressive episode. Goekoop JG, et al. **J Affective Disord** 1984 Dec;7(3-4):273-80

Rhythm-related changes in pituitary-adrenal function in depression. Sherman BM, et al. **J Affective Disord** 1985 Jul;9(1):55-61

Platelet accumulation of histamine in controls, depressed and lithium-treated patients. Wood K, et al. **J Affective Disord** 1984 Oct;7(2):149-58

Platelet serotonin in essential hypertension and in mental depression. Baudouin-Legros M, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S12-4

The 24-hour profile of adrenocorticotropin and cortisol in major depressive illness. Linkowski P, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):429-38

Diurnal hypersecretion of growth hormone in depression. Mendlewicz J, et al. **J Clin Endocrinol Metab** 1985 Mar; 60(3):505-12

Thyroxine binding and TSH in recurrent depressive episodes. Tollefson G, et al. **J Clin Psychiatry** 1985 Jul;46(7):267-72

Desipramine plasma levels and response in elderly melancholic patients. Nelson JC, et al. **J Clin Psychopharmacol** 1985 Aug;5(4):217-20

Selective disturbances of serum mineral profiles by electroconvulsive therapy. Papavasiliou PS, et al. **J Nerv Ment Dis** 1985 Jul;173(7):401-5

5-Hydroxytryptamine uptake by blood platelets of unipolar and bipolar depressed patients. Modai I, et al. **Neuropsychobiology** 1984;12(2-3):93-5

Circadian rhythm of plasma melatonin in endogenous depression. Nair NP, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):715-8

Platelet 3H-imipramine binding: a state-dependent marker in depression. Suranyi-Cadotte B, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):737-41

Characterization of platelet alpha 2 adrenoceptors and measurement in control and depressed subjects. Campbell IC, et al. **Psychiatry Res** 1985 Jan;14(1):17-31

Elevated plasma homovanillic acid in depressed females with melancholia and psychosis. Devanand DP, et al. **Psychiatry Res** 1985 May;15(1):1-4

Leukocyte regulation in depression and schizophrenia. Kronfol Z, et al. **Psychiatry Res** 1984 Sep;13(1):13-8

Reduced platelet serotonin in depression. Le Quan-Bui KH, et al. **Psychiatry Res** 1984 Oct;13(2):129-39

Uncoupler-accelerated efflux of 5-hydroxytryptamine from platelets of healthy subjects and patients with unipolar and bipolar depression. Peterson LL, et al. **Psychiatry Res** 1984 Oct;13(2):141-50

High-affinity 3H-imipramine binding in platelets of children and adolescents with major affective disorders. Rehavi M, et al. **Psychiatry Res** 1984 Sep;13(1):31-9

Melatonin, cortisol and ACTH in patients with major depressive disorder and healthy humans with special reference to the outcome of the dexamethasone suppression test. Beck-Friis J, et al. **Psychoneuroendocrinology** 1985; 10(2):173-86

Melatonin in relation to body measures, sex, age, season and the use of drugs in patients with major affective disorders and healthy subjects. Beck-Friis J, et al. **Psychoneuroendocrinology** 1984;9(3):261-77

Nocturnal serum melatonin in major depressive disorder before and after desmethylimipramine treatment. Brown RP, et al. **Psychopharmacol Bull** 1985;21(3):579-81

[The dexamethasone suppression test in normal subjects and depressive patients] Xie GR. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Aug; 17(4):245-8 (Eng. Abstr.) (Chi)

[Melatonin. Chronobiologic peripheral endocrine index in depressive states] Chazot G, et al. **Encephale** 1985 May-Jun;11(3):113-6 (Eng. Abstr.) (Fre)

[Decrease in transcortin binding activity in depression] Ktiouet J, et al. **Encephale** 1984;10(5):215-6 (Eng. Abstr.) (Fre)

[Platelet monoamine oxidase and sex hormones in a population of depressed patients] Poirier MF, et al. **Encephale** 1985 May-Jun;11(3):125-9 (Eng. Abstr.) (Fre)

[Study of the metabolism of cerebral noradrenaline in depressed patients by the assay of plasma dihydroxyphenylethylene glycol] Loo H, et al. **Presse Med** 1985 Jun 22;14(25):1363-6 (Eng. Abstr.) (Fre)

[Neuroendocrinologic and endocrinologic research in depressive patients] Holsboer F, et al. **Nervenarzt** 1985 Jan; 56(1):1-11 (Ger)

CEREBROSPINAL FLUID

CSF neurochemistry in depressed, manic, and schizophrenic patients compared with that of normal controls. Gerner RH, et al. **Am J Psychiatry** 1984 Dec;141(12):1533-40

Higher CSF levels of HVA and 5-HIAA in delusional compared to nondelusional depression [letter] Aberg-Wistedt A, et al. **Arch Gen Psychiatry** 1985 Sep; 42(9):925-6

CSF substance P immunoreactivity in affective disorders. Berrettini WH, et al. **Biol Psychiatry** 1985 Sep;20(9):965-70

Cerebrospinal fluid neurophysins in affective illness and in schizophrenia. Linkowski P, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(3):162-5

Hallucinations in patients with major depression. Interactions between CSF monoaminergic and endorphinergic indices. Agren H, et al. **J Affective Disord** 1985 Jul;9(1):25-34

Vasoactive intestinal polypeptide decreased in cerebrospinal fluid (CSF) in atypical depression. Vasoactive intestinal polypeptide, cholecystokinin and gastrin in CSF in psychiatric disorders. Gjerris A, et al. **J Affective Disord** 1984 Dec;7(3-4):325-37

Delta-sleep inducing peptide in cerebrospinal fluid from schizophrenics, depressives and healthy volunteers. Lindström LH, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985; 9(1):83-90

Low levels of somatostatin in human CSF mark depressive episodes. Agren H, et al. **Psychoneuroendocrinology** 1984; 9(3):233-48

Can CSF measures distinguish among schizophrenia, depression, movement disorders, and dementia? Stahl SM. **Psychopharmacol Bull** 1985;21(3):396-9

Elevated concentrations of CSF corticotropin-releasing factor-like immunoreactivity in depressed patients. Nemeroff CB, et al. **Science** 1984 Dec 14;226(4680):1342-4

CHEMICALLY INDUCED

Tardive akathisia and agitated depression during metoclopramide therapy. Shearer RM, et al. **Acta Psychiatr Scand** 1984 Nov;70(5):428-31

Long-term benzodiazepine use and depression [letter] Nathan RG, et al. **Am J Psychiatry** 1985 Jan;142(1):144-5

Depression after treatment with thiazide diuretics for hypertension. Okada F. **Am J Psychiatry** 1985 Sep; 142(9):1101-2

Two case reports of mazindol-induced depression [letter] Rihmer Z, et al. **Am J Psychiatry** 1984 Nov;141(11):1497-8

Propranolol-induced depression and psychosis. Parker WA. **Clin Pharm** 1985 Mar-Apr;4(2):214-8

Propranolol and depression revisited: three cases and a review. Pollack MH, et al. **J Nerv Ment Dis** 1985 Feb; 173(2):118-9

Depression in adults with a history of prenatal DES exposure. Meyer-Bahlburg HF, et al. **Psychopharmacol Bull** 1985; 21(3):686-9

Purine nucleoside—mediated immobility in mice: reversal by antidepressants. Kulkarni SK, et al. **Psychopharmacology (Berlin)** 1985;85(4):460-3

Identifying depression secondary to lithium-induced hypothyroidism. Sternbach HA, et al. **Psychosomatics** 1984 Nov;25(11):864-6

[Reserpine and depression. Clinical cases] Torre E, et al. **Minerva Psichiatr** 1985 Jan-Mar;26(1):87-9 (Eng. Abstr.) (Ita)

[Nervous system disorders in workers constantly exposed to manganese] Maślanka S. **Pol Tyg Lek** 1984 Sep 24; 39(39):1293-5 (Eng. Abstr.) (Pol)

[Electroencephalographic characteristics of 'reserpine depression' (experimental study)] Zamoshchina TA, et al. **Zh Nevropatol Psikhiatr** 1984;84(9):1362-7 (Eng. Abstr.) (Rus)

CLASSIFICATION

Classification of depression. Sprock J. **Compr Psychiatry** 1985 Sep-Oct;26(5):404-20

Reclassification of depression in the medically ill elderly. Fogel BS, et al. **J Am Geriatr Soc** 1985 Jun;33(6):446-8

Chronic pain and depression. I. Classification of depression in chronic low back pain patients. Krishnan KR, et al. **Pain** 1985 Jul;22(3):279-87

[Anthropological classification of depression] Moussaoui D, et al. **Ann Med Psychol (Paris)** 1984 Sep-Oct; 142(8):1125-30 (Fre)

[Problems of classification and diagnosis of depression] Borišev L, et al. **Med Pregl** 1984;37(9-10):433-5 (Eng. Abstr.) (Scr)

COMPLICATIONS

Relationship of dysphoric premenstrual changes to depressive disorders. Halbreich U, et al. **Acta Psychiatr Scand** 1985 Apr;71(4):331-8

Are eating disorders and affective disorders related? [letter] Brotman A, et al. **Am J Psychiatry** 1985 Mar;142(3):391-2

Preliminary data on DSM-III associated features of major depressive disorder in children and adolescents. Geller B, et al. **Am J Psychiatry** 1985 May;142(5):643-4

Extended sleep (hypersomnia) in young depressed patients. Hawkins DR, et al. **Am J Psychiatry** 1985 Aug; 142(8):905-10

Atypical panic attacks in major depression [letter] McGrath PJ, et al. **Am J Psychiatry** 1985 Oct;142(10):1224

Depression in borderline personality disorder: lifetime prevalence at interview and longitudinal course of symptoms. Perry JC. **Am J Psychiatry** 1985 Jan; 142(1):15-21

Course-related depressive syndromes in schizophrenia. Siris SG, et al. **Am J Psychiatry** 1984 Oct;141(10):1254-7

Major depression in patients with agoraphobia and panic disorder. Breier A, et al. **Arch Gen Psychiatry** 1984 Dec; 41(12):1129-35

Long-term depot maintenance of chronic schizophrenic out-patients: the seven year follow-up of the Medical Research Council fluphenazine/placebo trial. II. The incidence of compliance problems, side-effects, neurotic symptoms and depression. Curson DA, et al. **Br J Psychiatry** 1985 May;146:469-74

Speech pause time as a method for the evaluation of psychomotor retardation in depressive illness. Hoffmann GM, et al. **Br J Psychiatry** 1985 May;146:535-8

Depression and carcinoma of the pancreas. Joffe RT, et al. **Can J Psychiatry** 1985 Mar;30(2):117-8

Depression and its treatment in alcoholics: a review. O'Sullivan K. **Can J Psychiatry** 1984 Aug;29(5):379-84 (55 ref.)

Depression as a cause of hallucinations in Parkinson's disease [letter] Sandyk R, et al. **Clin Neuropharmacol** 1985; 8(2):199–200

Depressive illness and lung cancer. I. Depression before diagnosis. Hughes JE. **Eur J Surg Oncol** 1985 Mar; 11(1):15–20

Prosecuting psychiatric patients for assault. Phelan LA, et al. **Hosp Community Psychiatry** 1985 Jun;36(6):581–2

Depression in Parkinson disease: a disabling but neglected factor. Cantello R, et al. **Ital J Neurol Sci** 1984 Dec; 5(4):417–22

Neuroticism and personality disorder in depression. Davidson J, et al. **J Affective Disord** 1985 Mar–Apr;8(2):177–82

Double depression in adolescent substance users. Kashani JH, et al. **J Affective Disord** 1985 Mar–Apr;8(2):153–7

Psychotic and depressed children: a new entity. Freeman LN, et al. **J Am Acad Child Psychiatry** 1985 Jan; 24(1):95–102

Prevalence and significance of cardiovascular disease and hypertension in elderly patients with dementia and depression. Tresch DD, et al. **J Am Geriatr Soc** 1985 Aug; 33(8):530–7

Concurrent depression and dementia: implications for diagnosis and treatment. Devanand DP, et al. **J Clin Psychiatry** 1985 Sep;46(9):389–92

Concurrence of Turner's syndrome, anorexia nervosa, and mood disorders: case report. Larocca FE. **J Clin Psychiatry** 1985 Jul;46(7):296–7

Treatment-resistant depression in an elderly patient with pancreatic carcinoma: case report. Pomara N, et al. **J Clin Psychiatry** 1984 Oct;45(10):439–40

Secondary agoraphobia: two case reports. Sadler JZ, et al. **J Clin Psychiatry** 1984 Nov;45(11):482–3

Adrenocortical hyperactivity in newly admitted alcoholics: prevalence, course and associated variables. Willenbring ML, et al. **Psychoneuroendocrinology** 1984;9(4):415–22

Tardive dyskinesia and depressive symptoms in schizophrenics. Richardson MA, et al. **Psychopharmacol Bull** 1985;21(1):130–5

Chronic low back pain and depression. Krishnan KR, et al. **Psychosomatics** 1985 Apr;26(4):299–302

Depression and benign intracranial hypertension. Ross DR, et al. **Psychosomatics** 1985 May;26(5):387–9, 393

Chronic pain: economic, psychosocial, ethical, preventive, and medical aspects [clinical conference] Marciani RD, et al. **South Med J** 1985 Jun;78(6):719–24

[Psychotic manifestations in myasthenia gravis] Schmitt L, et al. **Ann Med Psychol (Paris)** 1984 Jul–Aug; 142(7):1007–11 **(Fre)**

[Constraint—delusion—depression—melancholy: decomposition of normal ways of existence] Tellenbach H. **Sudhoffs Arch Beih** 1984;(24):139–46 **(Ger)**

[Sleep disorders in endogenous depressions (review)] Fakturovich AIa. **Zh Nevropatol Psikhiatr** 1985;85(4):602–9 (100 ref.) **(Rus)**

[Psychopathology and clinical picture of coupled affective paroxysms in schizophrenia] Katan EG. **Zh Nevropatol Psikhiatr** 1985;85(1):89–94 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Comparison of computerised self-rating scales for depression with conventional observer ratings. Ancill RJ, et al. **Acta Psychiatr Scand** 1985 Mar;71(3):315–7

Postdexamethasone prolactin and cortisol: a biological state variable in depression. Klein HE, et al. **Acta Psychiatr Scand** 1984 Sep;70(3):239–47

Dexamethasone suppression test, TRH test and Newcastle II depression rating in the diagnosis of depressive disorders. Larsen JK, et al. **Acta Psychiatr Scand** 1985 May; 71(5):499–505

Presentation of a subscale for the rating of depression and some additional items to the Comprehensive Psychopathological Rating Scale. Perris C, et al. **Acta Psychiatr Scand** 1984 Sep;70(3):261–74

Three tests of cortisol secretion in adult endogenous depressives. Sachar EJ, et al. **Acta Psychiatr Scand** 1985 Jan;71(1):1–8

Depression and ventricular enlargement. Shima S, et al. **Acta Psychiatr Scand** 1984 Sep;70(3):275–7

Dexamethasone suppression test and the levels of serum growth hormone, plasma vasopressin and plasma homovanillic acid in depressed in- and outpatients. Syvälahti E. **Acta Psychiatr Scand** 1985 Feb;71(2):105–10

The longitudinal course of recurrent affective illness: life chart data from research patients at the NIMH. Roy-Byrne P, et al. **Acta Psychiatr Scand [Suppl]** 1985;317:1–34

Role of diagnosis in resolving issues concerning the treatment of chronic depressive disorders. Katz MM. **Adv Biochem Psychopharmacol** 1985;40:165–8

Diagnosis of depression in patients with end-stage renal disease. Comparative analysis. Smith MD, et al. **Am J Med** 1985 Aug;79(2):160–6

Anorexia nervosa and depression: a dissenting view. Altshuler KZ, et al. **Am J Psychiatry** 1985 Mar; 142(3):328–32 (60 ref.)

The DST in psychiatric outpatients with generalized anxiety disorder, panic disorder, or primary affective disorder. Avery DH, et al. **Am J Psychiatry** 1985 Jul;142(7):844–8

Increased TSH response to TRH in refractory depressed women [letter] Baruch P, et al. **Am J Psychiatry** 1985 Jan; 142(1):145–6

But are they cases? Validity of DSM-III major depression in children identified in a family study. Beardslee WR, et al. **Am J Psychiatry** 1985 Jun;142(6):687–91

ACTH levels during cortisol suppression [letter] Beresford TP, et al. **Am J Psychiatry** 1985 Apr;142(4):526

The diagnostic validity of anxiety disorders and their relationship to depressive illness. Breier A, et al. **Am J Psychiatry** 1985 Jul;142(7):787–97 (99 ref.)

Correlation between serum and salivary cortisol levels in depressed and nondepressed children and adolescents. Burke PM, et al. **Am J Psychiatry** 1985 Sep;142(9):1065–7

Major depression with mood-congruent or mood-incongruent psychotic features: outcome after 40 years. Coryell W, et al. **Am J Psychiatry** 1985 Apr; 142(4):479–82

Specificity of the TRH test for major depression in patients with serious cocaine abuse. Dackis CA, et al. **Am J Psychiatry** 1985 Sep;142(9):1097–9

Validation of four definitions of melancholia by the dexamethasone suppression test. Davidson J, et al. **Am J Psychiatry** 1984 Oct;141(10):1220–3

The dexamethasone suppression test in organic affective syndrome. Evans DL, et al. **Am J Psychiatry** 1984 Nov; 141(11):1465–7

The DST and organic affective disorder [letter] Fahs JJ. **Am J Psychiatry** 1985 Aug;142(8):991–2

Differentiation of depression from chronic pain with the dexamethasone suppression test and DSM-III. France RD, et al. **Am J Psychiatry** 1984 Dec;141(12):1577–9

Depression and adrenal function in spinal cord injury. Frank RG, et al. **Am J Psychiatry** 1985 Feb;142(2):252–3

Possible impact of weekly DSTs on thyroid function in patients with affective disorders [letter] Gillman MA, et al. **Am J Psychiatry** 1985 May;142(5):662–3

Agitation-increased electromyogram activity in the corrugator muscle region: a possible explanation of the 'Omega sign'? Greden JF, et al. **Am J Psychiatry** 1985 Mar; 142(3):348–51

Simultaneous panic and depressive disorders [letter] Grunhaus L. **Am J Psychiatry** 1985 Oct;142(10):1230–1

The dexamethasone suppression test and residual schizophrenia [letter] Harris VJ. **Am J Psychiatry** 1985 May;142(5):659–60

Depression is not obsessive-compulsive disorder [letter] Herron BB. **Am J Psychiatry** 1984 Nov;141(11):1496

Are anorexic and bulimic patients depressed? Herzog DB. **Am J Psychiatry** 1984 Dec;141(12):1594–7

The dexamethasone suppression test and defining melancholia [letter] Holden NL. **Am J Psychiatry** 1985 Jun;142(6):777–8

Anorexia not the same as depression [letter] Hudgens RW. **Am J Psychiatry** 1985 Oct;142(10):1230

Depression and depressive-like states in preschool-age children in a child development unit. Kashani JH, et al. **Am J Psychiatry** 1984 Nov;141(11):1397–402

Urinary free cortisol levels and dexamethasone suppression testing in organic affective disorder associated with hyperthyroidism. Kathol RG, et al. **Am J Psychiatry** 1985 Oct;142(10):1193–5

A reevaluation of Schreber's case [letter] Kendler KS, et al. **Am J Psychiatry** 1985 Sep;142(9):1121–3

The dexamethasone suppression test and mood following stroke. Lipsey JR, et al. **Am J Psychiatry** 1985 Mar; 142(3):318–23

Glucocorticoid resistance in depression: the dexamethasone suppression test and lymphocyte sensitivity to dexamethasone. Lowy MT, et al. **Am J Psychiatry** 1984 Nov;141(11):1365–70

Platelet MAO in functional psychoses with evidence of brain atrophy [letter] Luchins DJ, et al. **Am J Psychiatry** 1985 Aug;142(8):996–7

The dexamethasone suppression test in depressed, dysthymic, and nondepressed children. Petty LK, et al. **Am J Psychiatry** 1985 May;142(5):631–3

The DST in depressed alcoholic patients [letter] Pies R. **Am J Psychiatry** 1985 Aug;142(8):987–9

Diagnostic criteria in childhood depression. Poznanski E, et al. **Am J Psychiatry** 1985 Oct;142(10):1168–73

The dexamethasone suppression test and depressive symptoms in early and late withdrawal from alcohol. Ravi SD, et al. **Am J Psychiatry** 1984 Nov;141(11):1445–8

Questions unanswered in article on DST in adolescents [letter] Robbins DR, et al. **Am J Psychiatry** 1984 Nov; 141(11):1492–3

Neuroendocrine and personality variables in dysthymic disorder. Roy A, et al. **Am J Psychiatry** 1985 Jan; 142(1):94–7

Depressed mood during pregnancy and the puerperium: clinical recognition and implications for clinical practice. Saks BR, et al. **Am J Psychiatry** 1985 Jun;142(6):728–31

Recent alcohol abstinence and the dexamethasone suppression test [letter] Swartz CM, et al. **Am J Psychiatry** 1984 Dec;141(12):1643–4

The clinical diagnostic value of dexamethasone suppression test in depressive illness. Hwu HG, et al. **Ann Acad Med Singapore** 1985 Jan;14(1):104–9

Limited utility of the 1-mg dexamethasone suppression test as a measure of hypercortisolism [letter] **Arch Gen Psychiatry** 1985 Feb;42(2):200–4

Hypothalamic-pituitary-adrenocortical activity in patients with diabetes mellitus. Cameron OG, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1090–5

A sensitive, outpatient dexamethasone suppression test [letter] Charles GA, et al. **Arch Gen Psychiatry** 1985 May; 42(5):523–4

Biological 'markers' for endogenous depression. Effect of age, severity of illness, weight loss, and polarity. Feinberg M, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1080–5

Abnormal results of dexamethasone suppression tests in nondepressed patients with diabetes mellitus. Hudson JI, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1086–9

Pituitary-adrenal axis rhythm disturbances in psychiatric depression. Pfohl B, et al. **Arch Gen Psychiatry** 1985 Sep; 42(9):897–903

Plasma cortisol determination for the dexamethasone suppression test. Comparison of competitive protein-binding and commercial radioimmunoassay methods. Ritchie JC, et al. **Arch Gen Psychiatry** 1985 May; 42(5):493–7

Postdexamethasone cortisol levels and subgroups of affective illness [letter] Rothschild AJ, et al. **Arch Gen Psychiatry** 1985 Jul;42(7):739

Caffeine-induced escape from dexamethasone suppression [letter] Uhde TW, et al. **Arch Gen Psychiatry** 1985 Jul; 42(7):737–8

Validity of RDC and DSM-III [letter] Zimmerman M, et al. **Arch Gen Psychiatry** 1985 Jun;42(6):633–4

The neurology of depression. Cognitive and behavioral deficits with focal findings in depression and resolution after electroconvulsive therapy. Freeman RL, et al. **Arch Neurol** 1985 Mar;42(3):289–91

Depression and adrenocortical function in spinal cord injury patients: a review. Falmer JB. **Arch Phys Med Rehabil** 1985 Apr;66(4):253–6 (38 ref.)

Methodological standards in studies evaluating the dexamethasone suppression test. Davies J, et al. **Aust NZ J Psychiatry** 1984 Sep;18(3):273–6

Cortisol suppression index in major depressive illness. Fraser A. **Aust NZ J Psychiatry** 1984 Sep;18(3):277–9

The dexamethasone suppression test in elderly, non-depressed patients with dementia. Galletly CA, et al. **Aust NZ J Psychiatry** 1985 Mar;19(1):95–6

The dexamethasone suppression test in the puerperium. Greenwood J, et al. **Aust NZ J Psychiatry** 1984 Sep; 18(3):282–4

Parasuicide and depression: a comparison of clinical and questionnaire diagnoses. Reeves JC, et al. **Aust NZ J Psychiatry** 1985 Mar;19(1):30–3

The sensitivity and specificity of the DST in child psychiatric disorders [letter] Sellman D, et al. **Aust NZ J Psychiatry** 1984 Sep;18(3):289

Agoraphobia and the dexamethasone suppression test: atypical depression? Whiteford HA, et al. **Aust NZ J Psychiatry** 1984 Dec;18(4):374–7

Internight variability of REM latency in major depression: implications for the use of REM latency as a biological correlate. Ansseau M, et al. **Biol Psychiatry** 1985 May; 20(5):489–505

REM latency distribution in major depression: clinical characteristics associated with sleep onset REM periods. Ansseau M, et al. **Biol Psychiatry** 1984 Dec;19(12):1651–66

Pre- and post-dexamethasone saliva cortisol determination in chronic pain patients. Atkinson JH Jr, et al. **Biol Psychiatry** 1984 Jul;19(7):1155–9

The Dexamethasone Suppression Test in depression, in schizophrenia, and during experimental stress. Baumgartner A, et al. **Biol Psychiatry** 1985 Jun;20(6):675–9

The dexamethasone suppression test in depression: some correlates [letter] Bryer JB, et al. **Biol Psychiatry** 1985 Jul; 20(7):814–5

Cholinergic REM induction response: separation of anxiety and depression. Dubé S, et al. **Biol Psychiatry** 1985 Apr; 20(4):408–18

A longitudinal investigation of event-related potentials in depression. Elton M. **Biol Psychiatry** 1984 Dec; 19(12):1635–49

Alterations in cholinergic receptors mediate the effects of dexamethasone on corticosterone. Gershon S, et al. **Biol Psychiatry** 1985 Apr;20(4):458–60

ACTH, cortisol, and corticosterone output after ovine corticotropin-releasing factor challenge during depression and after recovery. Holsboer F, et al. **Biol Psychiatry** 1985 Mar;20(3):276–86

The dexamethasone suppression test in borderline personality disorder. Krishnan KR, et al. **Biol Psychiatry** 1984 Jul; 19(7):1149–53

Failure to normalize the dexamethasone suppression test: association with length of illness. Lenox RH, et al. **Biol Psychiatry** 1985 Mar;20(3):333–7

Body temperatures in psychiatric disorders [letter] McDonald C, et al. **Biol Psychiatry** 1985 Jul;20(7):817

EEG sleep in elderly depressed, demented, and healthy subjects. Reynolds CF 3d, et al. **Biol Psychiatry** 1985 Apr; 20(4):431–42

Suicide and the dexamethasone suppression test in adolescence. Robbins DR, et al. **Biol Psychiatry** 1985 Jan; 20(1):107–10

Cognitive functioning in biological subtypes of depression. Silberman EK, et al. **Biol Psychiatry** 1985 Jun;20(6):654–61

Prolactin response to morphine in depression. Zis AP, et al. **Biol Psychiatry** 1985 Mar;20(3):287–92

The diagnosis of anxiety in primary care settings. Goldberg D, et al. **Br J Clin Pract [Symp Suppl]** 1985 May;38:28–33

Self-report measures of depression: some psychometric considerations. Boyle GJ. **Br J Clin Psychol** 1985 Feb;24 (Pt 1):45–59

Depression in childhood. Barrett ML, et al. **Br J Hosp Med** 1985 Jul;34(1):51-2, 54

The limited utility of the dexamethasone suppression test for the diagnostic process in psychiatry. Berger M, et al. **Br J Psychiatry** 1984 Oct;145:372-82

Dexamethasone suppression test [letter] Gagiano CA, et al. **Br J Psychiatry** 1985 Apr;146:452

The DST and its relationship to psychiatric diagnosis, symptoms and treatment outcome. Klein HE, et al. **Br J Psychiatry** 1984 Dec;145:591-9

Classification and diagnosis of depression in school phobia. Kolvin I, et al. **Br J Psychiatry** 1984 Oct;145:347-57

Clinical use of the DST in a psychogeriatric population. McKeith IG. **Br J Psychiatry** 1984 Oct;145:389-93

Dexamethasone suppression test and REM sleep in patients with major depressive disorder. Mendlewicz J, et al. **Br J Psychiatry** 1984 Oct;145:383-8

The dexamethasone suppression test in psychotic versus non-psychotic endogenous depression. Rihmer Z, et al. **Br J Psychiatry** 1984 Nov;145:508-11

Unrecognised depression in general practice. Freeling P, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1880-3

Affective disorders in children and adolescents: the dysthymic disorder dilemma. Fine S, et al. **Can J Psychiatry** 1985 Apr;30(3):173-7

Depressive illnesses in children and adolescents: a review of current concepts. McConville BJ, et al. **Can J Psychiatry** 1985 Mar;30(2):119-29 (110 ref.)

Hysterical seizures as a manifestation of 'depression' in old age. Shulman KI, et al. **Can J Psychiatry** 1985 Jun;30(4):278-80

Depressive disorder in children and adolescents: dysthymic disorder and the use of self-rating scales in assessment. Fine S, et al. **Child Psychiatry Hum Dev** 1984 Summer;14(4):223-9

Noncomparability of research results that are related to psychiatric diagnoses. Chang MM, et al. **Compr Psychiatry** 1985 Mar-Apr;26(2):195-207

Classification of depression. Bemporad JR, et al. **Compr Ther** 1985 Jul;11(7):13-8

Heterogeneity of major affective disorders. Biological and clinical evidence. Vita A, et al. **Encephale** 1985 Mar-Apr;11(2):71-7

The Zurich Study—a prospective epidemiological study of depressive, neurotic and psychosomatic syndromes. IV. Recurrent and nonrecurrent brief depression. Angst J, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(6):408-16

The Zurich study. III. Diagnosis of depression. Angst J, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(1):30-7

Discrimination of former depressed patients from healthy volunteers on the basis of stable personality traits assessed by means of KSP. von Knorring L, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(3):202-5

The diagnostic value in assessing mood congruence in delusions and hallucinations and their relationship to the affective state. Winokur G, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):299-302

Dysosmia and dysgeusia presenting as depression. Levenson JL. **Gen Hosp Psychiatry** 1985 Apr;7(2):171-3

Evaluation of depression in a general hospital: utility and limitations of the dexamethasone suppression test. Thase ME, et al. **Gen Hosp Psychiatry** 1985 Jan;7(1):43-8

Atypical depression: a review of diagnosis and treatment. Aarons SF, et al. **Hosp Community Psychiatry** 1985 Mar;36(3):275-82

Meningoencephalitis presenting as depression. Doghramji K, et al. **Hosp Community Psychiatry** 1985 Aug;36(8):884-5

Elderly patient's confusion confounds diagnosis and treatment of depression. Frances A, et al. **Hosp Community Psychiatry** 1984 Nov;35(11):1091-3

Prior cognitive problems as the key to treating a patient with resistant depression. Frances A, et al. **Hosp Community Psychiatry** 1985 Jan;36(1):11-2, 21

Assessing depression in elderly patients. Shamoian CA. **Hosp Community Psychiatry** 1985 Apr;36(4):338-9, 345

Choice reaction time modifiability in dementia and depression. Pirozzolo FJ, et al. **Int J Neurosci** 1985 Apr;26(1-2):1-7

Sleep stage transitions and tonic REM in depression. Taub JM. **Int J Neurosci** 1984 Nov;24(3-4):245-60

Childhood depression—a review. Apter A, et al. **Isr J Psychiatry Relat Sci** 1984;21(2):117-26

Attribution style, the dexamethasone suppression test, and the diagnosis of melancholia in depressed inpatients. Zimmerman M, et al. **J Abnorm Psychol** 1984 Nov;93(4):373-7

Do the diagnostic criteria determine the sex ratio in depression? Angst J, et al. **J Affective Disord** 1984 Dec;7(3-4):189-98

The dexamethasone suppression test in delusional depression. Further findings. Ayuso-Gutierrez JL, et al. **J Affective Disord** 1985 Mar-Apr;8(2):147-51

A computerized diagnostic system for comparing alternative classification schemes of depression. Boyer P, et al. **J Affective Disord** 1984 Oct;7(2):159-71

Assessment of depression by questionnaire compared to DSM-III diagnosis. Carr V, et al. **J Affective Disord** 1985 Mar-Apr;8(2):167-70

Phenomenology and family history in DSM-III psychotic depression. Coryell W, et al. **J Affective Disord** 1985 Jul;9(1):13-8

The dexamethasone suppression test in depression. Dam H, et al. **J Affective Disord** 1985 Jan-Feb;8(1):95-103

Self-reported diurnal mood changes, early morning awakening and the dexamethasone suppression test in endogenous depression. Grunhaus L, et al. **J Affective Disord** 1985 Jan-Feb;8(1):1-7

A relationship between prolactin levels and dexamethasone suppression test results in major depressive disorder. Joyce PR, et al. **J Affective Disord** 1985 Mar-Apr;8(2):191-5

The dexamethasone suppression test and depressive signs in dementia. Katona CL, et al. **J Affective Disord** 1985 Jan-Feb;8(1):83-9

The dexamethasone suppression test in schizo-affective depression. Katona CL, et al. **J Affective Disord** 1985 Mar-Apr;8(2):107-12

Sleep EEG recordings in depressive disorders. Kerkhofs M, et al. **J Affective Disord** 1985 Jul;9(1):47-53

The relationship of EEG sleep to vital depression. Kupfer DJ, et al. **J Affective Disord** 1984 Dec;7(3-4):249-63

Duration criteria and long-term outcome in affective disorder and schizophrenia. Loyd DW, et al. **J Affective Disord** 1985 Jul;9(1):35-9

MMPI, personality dysfunction and the dexamethasone suppression test in major depression. Norman WH, et al. **J Affective Disord** 1985 Jul;9(1):97-101

The clinical interview for depression. Development, reliability and validity. Paykel ES. **J Affective Disord** 1985 Jul;9(1):85-96

The implications of DSM-III personality disorders for patients with major depression. Pfohl B, et al. **J Affective Disord** 1984 Dec;7(3-4):309-18

The TRH stimulation test and reverse T3 in depression. Sternbach HA, et al. **J Affective Disord** 1985 May-Jun;8(3):267-70

Four definitions of endogenous depression and the dexamethasone suppression test. Zimmerman M, et al. **J Affective Disord** 1985 Jan-Feb;8(1):37-45

Major depressive disorder in a preschooler. Kashani JH, et al. **J Am Acad Child Psychiatry** 1985 Jul;24(4):490-4

Childhood and adolescent depression: child-report versus parent-report information. Moretti MM, et al. **J Am Acad Child Psychiatry** 1985 May;24(3):298-302

Children's Depression Inventory: investigation of procedures and correlates. Saylor CF, et al. **J Am Acad Child Psychiatry** 1984 Sep;23(5):626-8

'I don't know' responses in elderly depressives and in dementia. Young RC, et al. **J Am Geriatr Soc** 1985 Apr;33(4):253-7

Dynamics of the cortisol suppression index in depression. Bernstein JP, et al. **J Clin Psychiatry** 1984 Oct;45(10):433-6

Age, medical illness, and the DST in depressed general hospital inpatients. Fogel BS, et al. **J Clin Psychiatry** 1985 Mar;46(3):95-7

Dexamethasone suppression test results in delusional versus nondelusional depression: preliminary evidence of distinct clinical entities. Kraus RP, et al. **J Clin Psychiatry** 1985 May;46(5):188-90

A comparison of the cortisol suppression index and the dexamethasone suppression test. Laux G, et al. **J Clin Psychiatry** 1984 Oct;45(10):431-2

Use of biologic markers in a general hospital affective disorders program. Lieber AL, et al. **J Clin Psychiatry** 1985 Jun;46(6):217-21

The dexamethasone suppression test in patients with bulimia. Mitchell JE, et al. **J Clin Psychiatry** 1984 Dec;45(12):508-11

Limitations of self-rating depression scales [letter] Robbins DR, et al. **J Clin Psychiatry** 1985 Jul;46(7):301

Depression after minor closed head injury: role of dexamethasone suppression test and antidepressants. Saran AS. **J Clin Psychiatry** 1985 Aug;46(8):335-8

The validity of the DST [letter] Zimmerman M. **J Clin Psychiatry** 1985 Mar;46(3):110

Cortisol suppression index: a further evaluation. Zung WW, et al. **J Clin Psychiatry** 1984 Oct;45(10):437-8

Internal consistencies of the original and revised Beck Depression Inventory. Beck AT, et al. **J Clin Psychol** 1984 Nov;40(6):1365-7

The measurement of depression: enhancing the predictive validity of the Beck Depression Inventory. Burkhart BR, et al. **J Clin Psychol** 1984 Nov;40(6):1368-72

A factorial analysis of BDI scores. Campbell IM, et al. **J Clin Psychol** 1984 Jul;40(4):992-6

The Irrational Beliefs Test: its relationship with cognitive-behavioral traits and depression. Cash TF. **J Clin Psychol** 1984 Nov;40(6):1399-405

Reliability and validity of the Chinese Depression Adjective Check Lists. Chu CR, et al. **J Clin Psychol** 1984 Nov;40(6):1409-13

The effects of depression upon responses to the California Psychological Inventory. Holliman NB, et al. **J Clin Psychol** 1984 Nov;40(6):1373-8

Performance of bilingual subjects on Spanish and English versions of the Depression Adjective Check Lists. Lubin B, et al. **J Clin Psychol** 1985 Mar;41(2):218-9

Depression Adjective Check Lists: Spanish, Hebrew, Chinese and English versions. Lubin B, et al. **J Clin Psychol** 1985 Mar;41(2):213-7

Evaluation of a short form of the POMS-Depression scale. Malouff JM, et al. **J Clin Psychol** 1985 May;41(3):389-91

Self-report screening measures for depression in chronic pain patients. Turner JA, et al. **J Clin Psychol** 1984 Jul;40(4):909-13

MMPI codetypes characteristic of DSM-III schizophrenics, depressives, and bipolars. Winters KC, et al. **J Clin Psychol** 1985 May;41(3):382-6

Depression Self-Rating Scale: utility with child psychiatric inpatients. Asarnow JR, et al. **J Consult Clin Psychol** 1985 Aug;53(4):491-9

Children's depression inventory: sex and grade norms for normal children. Finch AJ Jr, et al. **J Consult Clin Psychol** 1985 Jun;53(3):424-5

Assessment of depression in alcoholics: further considerations—reply to Hagan and Schauer. Hesselbrock MN, et al. **J Consult Clin Psychol** 1985 Feb;53(1):67-9

Depression as measured by the DSM-III and the Beck Depression Inventory in an unselected adult population. Oliver JM, et al. **J Consult Clin Psychol** 1984 Oct;52(5):892-8

Variations in the reported age of a patient: a source of bias in the diagnosis of depression and dementia. Perlick D, et al. **J Consult Clin Psychol** 1984 Oct;52(5):812-20

Construct validity for measures of childhood depression: application of multitrait-multimethod methodology. Saylor CF, et al. **J Consult Clin Psychol** 1984 Dec;52(6):977-85

The children's depression inventory: a systematic evaluation of psychometric properties. Saylor CF, et al. **J Consult Clin Psychol** 1984 Dec;52(6):955-67

Comparison of the validities of the Beck, Zung, and MMPI Depression Scales. Schaefer A, et al. **J Consult Clin Psychol** 1985 Jun;53(3):415-8

Unbiased criteria for severity of depression in alcoholic inpatients. Clark DC, et al. **J Nerv Ment Dis** 1985 Aug;173(8):482-7

The relationship between depression and marital maladjustment. A descriptive study. Crowther JH. **J Nerv Ment Dis** 1985 Apr;173(4):227-31

Major depression and carbon monoxide-induced parkinsonism: diagnosis, computerized axial tomography, and response to L-dopa. Jaeckle RS, et al. **J Nerv Ment Dis** 1985 Aug;173(8):503-8

Affective disturbance in eating disorders. Piran N, et al. **J Nerv Ment Dis** 1985 Jul;173(7):395-400

A two-year longitudinal study of poststroke mood disorders. In-hospital prognostic factors associated with six-month outcome. Robinson RG, et al. **J Nerv Ment Dis** 1985 Apr;173(4):221-6

Neuroendocrine investigation of depression in mentally retarded patients. A pilot study. Ruedrich SL, et al. **J Nerv Ment Dis** 1985 Feb;173(2):85-9

A clinically relevant guide to the differential diagnosis of depression. Sinaikin PM. **J Nerv Ment Dis** 1985 Apr;173(4):199-211 (131 ref.)

Pain as a symptom in depressive disorders and its relationship to platelet monoamine oxidase activity. von Knorring L, et al. **J Neural Transm** 1984;60(1):1-9

Understanding and treatment of childhood depression. Aylward GP. **J Pediatr** 1985 Jul;107(1):1-9

The relationship of anxiety to childhood depression. Norvell N, et al. **J Pers Assess** 1985 Apr;49(2):150-3

The Mezzich MMPI regression formula revisited. Post RD, et al. **J Pers Assess** 1985 Jun;49(3):258-9

Application of modern psychometric theory in psychiatric research. Gibbons RD, et al. **J Psychiatr Res** 1985;19(1):43-55

Item characteristics of the Hamilton Rating Scale for Depression. Rehm LP, et al. **J Psychiatr Res** 1985;19(1):31-41

Tyramine conjugation as a marker for depressive illness [editorial] **Lancet** 1984 Oct 27;2(8409):963

Differential diagnosis between dementia and depression in the elderly. Winstead DK, et al. **Neurol Clin** 1984 Feb;2(1):23-35

Comparison of the AMP system and the CPRS with regard to interrater reliability. Maurer M, et al. **Neuropsychobiology** 1984;12(1):27-33

The dexamethasone suppression test in long-stay patients and the effect of mianserin [letter] Maar SA, et al. **NZ Med J** 1984 Oct 24;97(766):742

Dexamethasone suppression test in depression. Thase ME, et al. **Penn Med** 1984 Oct;87(10):32, 34

KUSTA (Kurz-Skala Stimmung/Aktivierung): a daily self-rating scale for depressive patients. Wendt G, et al. **Pharmacopsychiatry** 1985 Jan;18(1):118-22

The use of laboratory tests in psychiatric diagnosis: the DST as an example. Coryell W. **Psychiatr Dev** 1984 Autumn;2(3):139-59 (89 ref.)

Use of saliva cortisol in the dexamethasone suppression test. Ansseau M, et al. **Psychiatry Res** 1984 Nov;13(3):203-11

Depressive symptoms, major depression, and generalized anxiety: a comparison of self-reports on CES-D and results from diagnostic interviews. Breslau N. **Psychiatry Res** 1985 Jul;15(3):219-29

The effect of stress on the dexamethasone suppression test. Ceulemans DL, et al. **Psychiatry Res** 1985 Mar;14(3):189-95

Effects of antidepressant withdrawal on the dexamethasone suppression test. Dilsaver SC, et al. **Psychiatry Res** 1985 Feb;14(2):11-22

P300 in major depressive disorder. Diner BC, et al. **Psychiatry Res** 1985 Jul;15(3):175-84

Effect of age and sex on cortisol secretion in depressives and normals. Halbreich U, et al. **Psychiatry Res** 1984 Nov;13(3):221-9

Dexamethasone suppression test and weight loss [letter] Holsboer F, et al. **Psychiatry Res** 1984 Dec;13(4):353-4

Dexamethasone suppression test (DST) and plasma dexamethasone levels in depressed patients. Johnson GF, et al. **Psychiatry Res** 1984 Dec;13(4):305–13

Cholinergic REM sleep induction response correlation with endogenous major depressive subtype. Jones D, et al. **Psychiatry Res** 1985 Feb;14(2):99–110

Application of automated REM and slow wave sleep analysis: II. Testing the assumptions of the two-process model of sleep regulation in normal and depressed subjects. Kupfer DJ, et al. **Psychiatry Res** 1984 Dec;13(4):335–43

Application of automated REM and slow wave sleep analysis: I. Normal and depressed subjects. Kupfer DJ, et al. **Psychiatry Res** 1984 Dec;13(4):325–34

Influence of age on the cortisol response to dexamethasone. Lewis DA, et al. **Psychiatry Res** 1984 Nov;13(3):213–20

The Modified Hamilton Rating Scale for Depression: reliability and validity. Miller IW, et al. **Psychiatry Res** 1985 Feb;14(2):131–42

Use of the Hamilton Rating Scale for Depression and the Carroll Self-Rating Scale in adolescents. Robbins DR, et al. **Psychiatry Res** 1985 Feb;14(2):123–9

Depression type and depression severity in relation to risk of violent suicide attempt. van Praag HM, et al. **Psychiatry Res** 1984 Aug;12(4):333–8

The research diagnostic criteria for endogenous depression and the dexamethasone suppression test: a discriminant function analysis. Zimmerman M, et al. **Psychiatry Res** 1985 Mar;14(3):197–208

Depression and dementia: the multi-faceted relationship. Mahendra B. **Psychol Med** 1985 May;15(2):227–36

Computer diagnosis of depression and anxiety: the Stirling County Study. Murphy JM, et al. **Psychol Med** 1985 Feb; 15(1):99–112

Reexamining the Beck Depression Inventory: the long and short of it. Vredenburg K, et al. **Psychol Rep** 1985 Jun; 56(3):767–78

Diagnostic performance of the thirty-four hour dexamethasone suppression test. Ansseau M, et al. **Psychoneuroendocrinology** 1985;10(2):215–9

Direct radioimmunoassay of cortisol in saliva and its application to the dexamethasone suppression test in affective disorders. Hanada K, et al. **Psychoneuroendocrinology** 1985;10(2):193–201

World Health Organization Schedule for Standardized Assessment of Depressive Disorders (WHO/SADD-5). Item combinations and interobserver reliability. Bech P, et al. **Psychopathology** 1984;17(5–6):244–52

Lactate infusion in patients with depression and anxiety. McGrath PJ, et al. **Psychopharmacol Bull** 1985;21(3):555–7

Depression and anxiety associated with secondary amenorrhea. Fava GA, et al. **Psychosomatics** 1984 Dec; 25(12):905–8

Delirium and depression [letter] Jones SD. **Psychosomatics** 1984 Dec;25(12):918

Memory loss and affective disorders. Klerman GL, et al. **Psychosomatics** 1984 Dec;25(12 Suppl):29–35

Progressive supranuclear palsy presenting as pseudodementia. Sadler JZ, et al. **Psychosomatics** 1984 Sep;25(9):713–4

Masked depression in a combined medical-psychiatric unit. Stoudemire A, et al. **Psychosomatics** 1985 Mar;26(3):221–4, 227–8

Signs of REM prior to the first REM period in prepubertal children. Goetz RR, et al. **Sleep** 1985;8(1):1–10

Slow wave sleep in elderly depressed, demented, and healthy subjects. Reynolds CF 3d, et al. **Sleep** 1985;8(2):155–9

Diagnostic limitations of the dexamethasone suppression test in screening for depression. Burch EA Jr. **South Med J** 1985 Jan;78(1):16–9

Serial dexamethasone tests for predicting relapse in depressive disorder. Targum SD. **South Med J** 1984 Nov; 77(11):1402–5

[Comparative study on the dexamethasone suppression test in major depression and acute schizophrenia] Gu NF. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Feb; 18(1):36–40 (Eng. Abstr.) (Chi)

[Clinical and laboratory studies of major depressive disorders] Yang Q. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Oct; 17(5):278–83 (Eng. Abstr.) (Chi)

[Experience in the use of the dexamethasone suppression test in the diagnosis of depressive states] Zapletálek M, et al. **Cesk Psychiatr** 1984 Aug;80(4):224–32 (Eng. Abstr.) (Cze)

[Integrated lists of taxonomic evaluation criteria: LICET-S and LICET-D] Pull CB, et al. **Acta Psychiatr Belg** 1984 Jul–Aug;84(4):297–309 (Eng. Abstr.) (Fre)

[Differential diagnosis of anxiety states and depressive syndromes] Verhoeven WM. **Acta Psychiatr Belg** 1984; 84:533–40 (Eng. Abstr.) (Fre)

[Problems posed to general practitioners by the diagnosis and treatment of depression] Lempérière T. **Ann Med Psychol (Paris)** 1984 Apr;142(4):493–9 (Fre)

[The DSM III in Africa. Apropos of major depressive states in the Ivory Coast] Meggle D. **Ann Med Psychol (Paris)** 1984 May;142(5):663–73 (Fre)

[L.I.C.E.T.-D 100: a new approach to the diagnosis of depression] Pull CB, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):831–47 (Eng. Abstr.) (Fre)

[The dexamethasone suppression test in depression. Critical review] Bailly D, et al. **Encephale** 1984;10(4):155–69 (208 ref.) (Eng. Abstr.) (Fre)

[Plasma and saliva DST (dexamethasone suppression test) in depression. Clinical applications and kinetic approach] Piollet I, et al. **Encephale** 1984;10(6):279–80 (Eng. Abstr.) (Fre)

[Contribution to the study of event-related potentials in depressed patients] Siles S, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Nov; 14(2):149–52 (Eng. Abstr.) (Fre)

[Masked depression] Haack HP. **Dtsch Med Wochenschr** 1985 Mar 29;110(13):507–9 (Ger)

[Dexamethasone suppression test: a biologic marker of endogenous depression?] Berger M, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(2):137–46 (Eng. Abstr.) (Ger)

[Dexamethasone suppression test in anorexia nervosa] Kuhs H, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):335–40 (Eng. Abstr.) (Ger)

[Dimensions of the Hamilton Depression Scale. Factor analysis studies] Maier W, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(6):417–22 (Eng. Abstr.) (Ger)

[Psychoneuroendocrinology] Holsboer F. **Internist (Berlin)** 1985 May;26(5):302–8 (Ger)

[Cognitive disorders in endogenous psychoses] Plaum E, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Jan; 37(1):22–9 (Eng. Abstr.) (Ger)

[Chronic depression. Etiologic and clinical aspects] Spinetti G, et al. **Minerva Psichiatr** 1985 Jan–Mar;26(1):69–70 (Eng. Abstr.) (Ita)

[Dexamethasone test in endogenous depression] Taracha E, et al. **Psychiatr Pol** 1984 Nov–Dec;18(6):537–42 (Eng. Abstr.) (Pol)

[Features of the clinical picture and dynamics of endogenous depression developing in adolescence (clinico-catamnestic study)] Komlach IL. **Zh Nevropatol Psikhiatr** 1984; 84(10):1551–6 (Eng. Abstr.) (Rus)

[Changes in the frequency of admission and the structure of the discharge diagnosis of depressives states during a period of 1 decade] Borišev L, et al. **Med Pregl** 1984; 37(3–4):157–9 (Eng. Abstr.) (Scr)

[Depression in children and adolescents (developmental aspects in delimiting a syndrome)] Garralda Hualde ME. **Actas Luso Esp Neurol Psiquiatr** 1984 Nov–Dec; 12(6):369–76 (Eng. Abstr.) (Spa)

DIET THERAPY

Dietary supplements of phenylalanine and other amino acid precursors of brain neuroamines in the treatment of depressive disorders. Kravitz HM, et al. **J Am Osteopath Assoc** 1984 Sep;84(1 Suppl):119–23

DRUG THERAPY

Management of mixed affective symptoms in primary care: a critical experiment. Ancill RJ, et al. **Acta Psychiatr Scand** 1984 Nov;70(5):463–9

Clinical investigations into antidepressive mechanisms. II. Dexamethasone suppression test predicts response to nomifensine or amitriptyline. Beckmann H, et al. **Acta Psychiatr Scand** 1984 Oct;70(4):342–53

High urinary norepinephrine excretion in major depressive disorders: effects of a new type of MAO inhibitor (Moclobemide, RO 11-1163). Dajas F, et al. **Acta Psychiatr Scand** 1984 Nov;70(5):432–7

Citalopram versus mianserin. A controlled, double-blind trial in depressed patients. de Wilde J, et al. **Acta Psychiatr Scand** 1985 Jul;72(1):89–96

Trazodone. A comparative clinical and predictive study. Kerr TA, et al. **Acta Psychiatr Scand** 1984 Dec;70(6):573–7

Moclobemide and clomipramine in the treatment of depression. A randomized clinical trial. Larsen JK, et al. **Acta Psychiatr Scand** 1984 Sep;70(3):254–60

Paroxetine in the treatment of depression—a randomized comparison with amitriptyline. Laursen AL, et al. **Acta Psychiatr Scand** 1985 Mar;71(3):249–55

Antidepressive therapy in depressed clinical suicides. Modestin J. **Acta Psychiatr Scand** 1985 Feb;71(2):111–6

Double-blind comparison between a serotonin and a noradrenaline reuptake blocker in the treatment of depressed outpatients. Clinical aspects. Nyström C, et al. **Acta Psychiatr Scand** 1985 Jul;72(1):6–15

Research overview of drug therapy in recurrent and chronic depression. Prien RF. **Adv Biochem Psychopharmacol** 1985; 40:121–30

Practical problems of lithium maintenance treatment. Schou M. **Adv Biochem Psychopharmacol** 1985;40:131–8

Tricyclic antidepressants—blood level measurements and clinical outcome: an APA Task Force report. Task Force on the Use of Laboratory Tests in Psychiatry. **Am J Psychiatry** 1985 Feb;142(2):155–62 (67 ref.)

Trazodone-induced mania following desipramine-induced mania in major depressive disorders [letter] Arana GW, et al. **Am J Psychiatry** 1985 Mar;142(3):386

Tolerance to therapeutic effects of antidepressants. Cohen BM, et al. **Am J Psychiatry** 1985 Apr;142(4):489–90

Rapid response to the addition of lithium in iprindole-resistant unipolar depression: a pilot study. de Montigny C, et al. **Am J Psychiatry** 1985 Feb;142(2):220–3

Serial ECG measurements at controlled plasma levels of nortriptyline in depressed children. Geller B, et al. **Am J Psychiatry** 1985 Sep;142(9):1095–7

Dose and plasma levels of nortriptyline and chlorpromazine in delusionally depressed adolescents and of nortriptyline in nondelusionally depressed adolescents. Geller B, et al. **Am J Psychiatry** 1985 Mar;142(3):336–8

Treatment of major depression and Parkinson's disease with combined phenelzine and amantadine [letter] Greenberg R, et al. **Am J Psychiatry** 1985 Feb;142(2):273–4

Combined estradiol and vitamin B6 treatment in women with major depression [letter] Holsboen F, et al. **Am J Psychiatry** 1985 May;142(5):658

Monoamine oxidase inhibitors as treatment for depressed patients with primary degenerative dementia (Alzheimer's disease). Jenike MA. **Am J Psychiatry** 1985 Jun; 142(6):763–4

Clonazepam in the treatment of recurrent symptoms of depression and anxiety in a patient with systemic lupus erythematosus. Jones BD, et al. **Am J Psychiatry** 1985 Mar; 142(3):354–5

Response to phenelzine among depressed patients with features of hysteroid dysphoria. Kayser A, et al. **Am J Psychiatry** 1985 Apr;142(4):486–8

Pretreatment neurotransmitter metabolite levels and response to tricyclic antidepressant drugs. Maas JW, et al. **Am J Psychiatry** 1984 Oct;141(10):1159–71

A lithium-tricyclic combination for treatment of depression [letter] Pande AD, et al. **Am J Psychiatry** 1985 Oct; 142(10):1228–9

Toxic reactions to the combination of monoamine oxidase inhibitors and tryptophan. Pope HG Jr, et al. **Am J Psychiatry** 1985 Apr;142(4):491–2

Efficacy of lithium-tranylcypromine treatment in refractory depression. Price LH, et al. **Am J Psychiatry** 1985 May; 142(5):619–23

Amoxapine in psychotic-delusional depression [letter] Ragheb M, et al. **Am J Psychiatry** 1984 Oct;141(10):1312–3

Potentiation of antidepressant medications by phase advance of the sleep-wake cycle. Sack DA, et al. **Am J Psychiatry** 1985 May;142(5):606–8

Normal thyroid function in desipramine nonresponders converted to responders by the addition of L-triiodothyronine. Schwarcz G, et al. **Am J Psychiatry** 1984 Dec;141(12):1614–6

The pharmacological treatment of delusional depression. Spiker DG, et al. **Am J Psychiatry** 1985 Apr;142(4):430–6

Plasma 10-hydroxynortriptyline and ECG changes in elderly depressed patients. Young RC, et al. **Am J Psychiatry** 1985 Jul;142(7):866–8

Qualitative and quantitative analysis of the action of typical and atypical antidepressants in the experimental animal. Kozlovskaya MM, et al. **Ann Ist Super Sanita** 1984; 20(1):73–7

Desipramine and 2-hydroxydesipramine plasma levels in endogenous depressed patients. Lack of correlation with therapeutic response. Amsterdam JD, et al. **Arch Gen Psychiatry** 1985 Apr;42(4):361–4

Placebo-control groups in the study of outpatient depressives [letter] Quitkin FM, et al. **Arch Gen Psychiatry** 1984 Nov; 41(11):1110–1

Alprazolam, amitriptyline, doxepin, and placebo in the treatment of depression. Rickels K, et al. **Arch Gen Psychiatry** 1985 Feb;42(2):134–41

Characterization and prediction of lithium blood levels and clearances. Swartz CM, et al. **Arch Gen Psychiatry** 1984 Dec;41(12):1154–8

Determination of compliance with riboflavin in an antidepressive therapy. Tinguely D, et al. **Arzneimittelforsch** 1985;35(2):536–8

Rapid antidepressant activity of destyr gamma endorphin: correlation with urinary melatonin. Chazot G, et al. **Biol Psychiatry** 1985 Sep;20(9):1026–30

Resting metabolic rate is reduced in patients treated with antidepressants. Fernstrom MH, et al. **Biol Psychiatry** 1985 Jun;20(6):692–5

Methadone for depression [letter] Goldstein JA. **Biol Psychiatry** 1984 Aug;19(8):1272–3

Mood response to methylphenidate and the Dexamethasone Suppression Test as predictors of treatment response to zimelidine and lithium in major depression. Joyce PR. **Biol Psychiatry** 1985 Jun;20(6):598–604

Biochemical effects of L-deprenyl in atypical depressives. Liebowitz MR, et al. **Biol Psychiatry** 1985 May; 20(5):558–65

Lack of efficacy of estrogen supplementation to imipramine in resistant female depressives. Shapira B, et al. **Biol Psychiatry** 1985 May;20(5):576–9

Flu-like illness after discontinuance of imipramine. Shrivastava RK, et al. **Biol Psychiatry** 1985 Jul;20(7):792–4

Platelet monoamine oxidase inhibition by deprenyl and tranylcypromine: implications for clinical use. Simpson GM, et al. **Biol Psychiatry** 1985 Jun;20(6):684–7

The use of benzodiazepines in depression. Johnson DA. **Br J Clin Pharmacol** 1985;19 Suppl 1:31S–35S

A double-blind study comparing mianserin and dothiepin: an application for computers in clinical psychiatry. Akhtar MJ, et al. **Br J Clin Pract** 1984 Sep;38(9):316–9

Improvement of depression with lofepramine (Gamanil). A multicentre hospital assessment of a new antidepressant. Morse PF, et al. **Br J Clin Pract** 1984 Sep;38(9):301–5

Comparison of pharmacological treatment response between situational and non-situational depressions. Garvey MJ, et al. **Br J Psychiatry** 1984 Oct;145:363–5

An evaluation of alprazolam in the treatment of reactive or neurotic (secondary) depression. Imlah NW. **Br J Psychiatry** 1985 May;146:515–9

The present status of monoamine oxidase inhibitors. Pare CM. **Br J Psychiatry** 1985 Jun;146:576–84 (88 ref.)

The psychopharmacological treatment of depression in the medically ill patient. Ban TA, et al. **Can J Psychiatry** 1984 Oct;29(6):461–6

Altered amitriptyline kinetics in a depressed patient with porto-caval anastomosis. Hrdina PD, et al. **Can J Psychiatry** 1985 Mar;30(2):111–3

The use of carbamazepine as an adjunctive medication in the treatment of affective disorders: a clinical report. Kwamie Y, et al. **Can J Psychiatry** 1984 Nov;29(7):605–8

Amoxapine failure—a neuroleptic property? Signer SF, et al. **Can J Psychiatry** 1984 Oct;29(6):510–2

Rapid, psychopharmacologically induced improvement can produce new psychological symptoms. Sporty LD, et al. **Can J Psychiatry** 1984 Apr;29(3):256–7

Diet and monoamine oxidase inhibitors: a re-examination. Sullivan EA, et al. **Can J Psychiatry** 1984 Dec;29(8):707–11 (33 ref.)

Effects of amitriptyline and imipramine on brain amine neurotransmitter metabolites in cerebrospinal fluid. Bowden CL, et al. **Clin Pharmacol Ther** 1985 Mar;37(3):316–24

Reliability of amitriptyline dose prediction based on single-dose plasma levels. Madakasira S, et al. **Clin Pharmacol Ther** 1985 Feb;37(2):145–9

Pharmacologic treatment of manic and depressive illness. Ostow M. **Compr Ther** 1985 Jul;11(7):24–30

The treatment of depression: update 1984. Enowitch BI. **Conn Med** 1984 Nov;48(11):703–6 (27 ref.)

Comparison of trazodone and mianserin in depressive illness. Bennie EH, et al. **Curr Med Res Opin** 1984;9(4):253–8

Electrophysiological and haemodynamic changes with trazodone, amitriptyline and placebo in depressed out-patients. Van de Merwe TJ, et al. **Curr Med Res Opin** 1984;9(5):339–52

Bupropion hydrochloride. Dufresne RL, et al. **Drug Intell Clin Pharm** 1984 Dec;18(12):957–64 (62 ref.)

Choosing an antidepressive. **Drug Ther Bull** 1984 Aug 13;22(16):61–4

Long-term amitriptyline in chronic depression. Giller E Jr, et al. **Hillside J Clin Psychiatry** 1985;7(1):16–33

Antidepressant drug therapy: the role of the new antidepressants. Prien RF, et al. **Hosp Community Psychiatry** 1985 May;36(5):513–6

NIMH report. Five-center study clarifies use of lithium, imipramine for recurrent affective disorders. Prien RF. **Hosp Community Psychiatry** 1984 Nov;35(11):1097–8

Unusual erectile activity as a side effect of trazodone. Sacks M, et al. **Hosp Community Psychiatry** 1985 Mar;36(3):298

A clinical and pharmacological study of the antidepressant activity of viloxazine in adult and elderly patients. Tosca P, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 May;23(5):270–3

Tricyclic antidepressive treatment reinforced by reserpine. Moscovich D, et al. **Isr J Psychiatry Relat Sci** 1984;21(4):283–9

Double-blind clinical study comparing alprazolam and doxepin in primary unipolar depression. Ansseau M, et al. **J Affective Disord** 1984 Dec;7(3–4):287–96

Gender differences in antidepressant and activating drug effects on self-perceptions. Hamilton JA, et al. **J Affective Disord** 1984 Dec;7(3–4):235–43

Cerebrospinal fluid levels of amitriptyline, nortriptyline, imipramine and desmethylimipramine. Relationship to plasma levels and treatment outcome. Hanin I, et al. **J Affective Disord** 1985 Jul;9(1):69–78

Plasma nortriptyline and clinical response in depression. Murphy GE, et al. **J Affective Disord** 1985 Mar-Apr;8(2):123–9

A controlled study of a specific MAO A reversible inhibitor (R011-1163) and amitriptyline in depressive illness. Norman TR, et al. **J Affective Disord** 1985 Jan-Feb;8(1):29–35

A double-blind comparison of fluvoxamine, imipramine and placebo in depressed patients. Norton KR, et al. **J Affective Disord** 1984 Dec;7(3–4):297–308

The metyrapone test in affective disorders and schizophrenia II. Changes upon treatment. Perini GI, et al. **J Affective Disord** 1984 Dec;7(3–4):265–72

Cost-benefit analysis of prospective pharmacokinetic dosing of nortriptyline in depressed inpatients. Simmons SA, et al. **J Affective Disord** 1985 Jan-Feb;8(1):47–53

A video analysis of the non-verbal behaviour of depressed patients before and after treatment. Ulrich G, et al. **J Affective Disord** 1985 Jul;9(1):63–7

Comparative cardiac effects of maprotiline and doxepin in elderly depressed patients. Ahles S, et al. **J Clin Psychiatry** 1984 Nov;45(11):460–5

A comparative trial of the antidepressant, anxiolytic, and cardiovascular effects of trimipramine and doxepin in depressed hospitalized patients. Assalian P, et al. **J Clin Psychiatry** 1985 Mar;46(3):90–4

Pharmacotherapy of geriatric depression. Berstein JG. **J Clin Psychiatry** 1984 Oct;45(10 Pt 2):30–6

Fluoxetine in depressed patients: a comparison with imipramine. Bremner JD. **J Clin Psychiatry** 1984 Oct;45(10):414–9

Use of desipramine in the medically ill. Cavanaugh SV. **J Clin Psychiatry** 1984 Oct;45(10 Pt 2):23–9

A double-blind controlled clinical trial of fluoxetine and amitriptyline in the treatment of outpatients with major depressive disorder. Chouinard G. **J Clin Psychiatry** 1985 Mar;46(3 Pt 2):32–7

A comparison of fluoxetine, imipramine, and placebo in patients with major depressive disorder. Cohn JB, et al. **J Clin Psychiatry** 1985 Mar;46(3 Pt 2):26–31

A double-blind placebo-controlled study of fluvoxamine and imipramine in depression. Dominguez RA, et al. **J Clin Psychiatry** 1985 Mar;46(3):84–7

Alprazolam in severe depression [letter] Elliott RL. **J Clin Psychiatry** 1985 Jan;46(1):34

Treatment responses in primary and secondary melancholia: a preliminary report. Fava GA, et al. **J Clin Psychiatry** 1985 Aug;46(8):332–4

Combined MAOI, TCA, and direct stimulant therapy of treatment-resistant depression. Feighner JP, et al. **J Clin Psychiatry** 1985 Jun;46(6):206–9

A comparative trial of fluoxetine and amitriptyline in patients with major depressive disorder. Feighner JP. **J Clin Psychiatry** 1985 Sep;46(9):369–72

Double-blind comparative trials of fluoxetine and doxepin in geriatric patients with major depressive disorder. Feighner JP, et al. **J Clin Psychiatry** 1985 Mar;46(3 Pt 2):20–5

Relationship of desipramine plasma levels to therapeutic response: a critical reappraisal of the data. Friedel RO. **J Clin Psychiatry** 1984 Oct;45(10 Pt 2):46–9 (10 ref.)

Successful treatment of endogenous depression with alprazolam in a patient with recent cardiac disease: case report. Levy AB, et al. **J Clin Psychiatry** 1984 Nov;45(11):480–1

Maprotiline in pain-depression. Lindsay PG, et al. **J Clin Psychiatry** 1985 Jun;46(6):226–8

Development of new treatments for depression. Montgomery SA. **J Clin Psychiatry** 1985 Mar;46(3 Pt 2):3–6

Use of desipramine in depressed inpatients. Nelson JC. **J Clin Psychiatry** 1984 Oct;45(10 Pt 2):10–6 (47 ref.)

Trimipramine and maprotiline: antidepressant, anxiolytic, and cardiotoxic comparison. Pecknold JC, et al. **J Clin Psychiatry** 1985 May;46(5):166–71

Comparison of two dosage regimens of fluoxetine in major depression. Rickels K, et al. **J Clin Psychiatry** 1985 Mar;46(3 Pt 2):38–41

Trimipramine in physical illness with depression. Rifkin A, et al. **J Clin Psychiatry** 1985 Feb;46(2 Pt 2):4–8

Treatment of outpatients with desipramine. Rosenbaum JF. **J Clin Psychiatry** 1984 Oct;45(10 Pt 2):17–22 (54 ref.)

Discussion of 'controversies in psychiatry': depression in the medically ill, sleep disorders in the elderly, and the DST. Schatzberg AF. **J Clin Psychiatry** 1985 Feb;46(2 Pt 2):30–1

Regulation of neurotransmitter receptors by desipramine and other antidepressant drugs: the neurotransmitter receptor hypothesis of antidepressant action. Stahl SM. **J Clin Psychiatry** 1984 Oct;45(10 Pt 2):37–45 (65 ref.)

A review of multicenter controlled studies of fluoxetine vs. imipramine and placebo in outpatients with major depressive disorder. Stark P, et al. **J Clin Psychiatry** 1985 Mar;46(3 Pt 2):53–8

A double-blind study of the efficacy and safety of dothiepin hydrochloride in the treatment of major depressive disorder. Stratas NE. **J Clin Psychiatry** 1984 Nov;45(11):466–9

Depression in Binswanger's encephalopathy responsive to tranylcypromine: case report. Summergrad P. **J Clin Psychiatry** 1985 Feb;46(2):69–70

A comparison of the antidepressant effects of a synthetic androgen (mesterolone) and amitriptyline in depressed men. Vogel W, et al. **J Clin Psychiatry** 1985 Jan;46(1):6–8

Peripheral edema associated with trazodone: a report of ten cases. Barrnett J, et al. **J Clin Psychopharmacol** 1985 Jun;5(3):161–4

The use of antidepressants in a psychiatric emergency department. Brodsky L, et al. **J Clin Psychopharmacol** 1985 Feb;5(1):35–8

Efficacy and feasibility of high dose tricyclic antidepressant treatment in elderly delusional depressives. Brown RP, et al. **J Clin Psychopharmacol** 1984 Dec;4(6):311–5

A case report of alprazolam-induced stuttering. Elliott RL, et al. **J Clin Psychopharmacol** 1985 Jun;5(3):159–60

A double-blind comparison of clovoxamine and amitriptyline in the treatment of depressed outpatients. Gelenberg AJ, et al. **J Clin Psychopharmacol** 1985 Feb;5(1):30–4

Child and adolescent nortriptyline single dose kinetics predict steady state plasma levels and suggested dose: preliminary data. Geller B, et al. **J Clin Psychopharmacol** 1985 Jun;5(3):154–8

Lithium potentiation of antidepressant treatment. Louie AK, et al. **J Clin Psychopharmacol** 1984 Dec;4(6):316–21

Orthostatic effect of imipramine and doxepin in depressed geriatric outpatients. Neshkes RE, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):102–6

Amitriptyline and hydroxylated metabolite plasma levels in depressed outpatients. Robinson DS, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):83–8

Successful treatment of psychotic depression with carbamazepine. Schaffer CB, et al. **J Clin Psychopharmacol** 1985 Aug;5(4):233–5

Monoamine oxidase inhibitors in the treatment of atypical depression. Zisook S, et al. **J Clin Psychopharmacol** 1985 Jun;5(3):131–7

Behavioral effects of tricyclic drugs in depressed inpatients. Lyons JS, et al. **J Consult Clin Psychol** 1985 Feb;53(1):17–24

Comparison of limbitrol (chlordiazepoxide/amitriptyline) and amitriptyline alone as a single night-time dose for the treatment of depression with anxiety. James RT, et al. **J Int Med Res** 1985;13(2):84–7

Two cases of obsessive-compulsive disorder with depression responsive to trazodone. Baxter LR Jr. **J Nerv Ment Dis** 1985 Jul;173(7):432–3

Amoxapine for the treatment of psychotically depressed subjects. A pilot study. Falk WE, et al. **J Nerv Ment Dis** 1985 Feb;173(2):90–3

Idiosyncratic pharmacokinetics complicating treatment of major depression in an elderly woman. Glassman JN, et al. **J Nerv Ment Dis** 1985 Sep;173(9):573–6

The effects of citalopram (Lu 10-171) on the serotonin (5-HT) uptake kinetics in platelets from endogenously depressed patients. Beving H, et al. **J Neural Transm** 1985;61(1–2):95–104

Fenfluramine stimulation of serum cortisol in patients with major affective disorders and healthy controls: further evidence for a central serotonergic action of lithium in man. Mühlbauer HD, et al. **J Neural Transm** 1985;61(1–2):81–94

Does viloxazine have epileptogenic properties? Edwards JG, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):960–4

Guillain-Barré syndrome following zimeldine treatment. Fagius J, et al. **J Neurol Neurosurg Psychiatry** 1985 Jan;48(1):65–9

Unmasking of cerebellar tumours by amitriptyline in depressive patients [letter] Rabey JM, et al. **J Neurol Neurosurg Psychiatry** 1985 Mar;48(3):291

Drugs: guide and caveats to explanatory and descriptive approaches—II. Drugs in psychiatric research. Bollini P, et al. **J Psychiatr Res** 1984;18(4):391–400

Enhanced signal transduction by adenylate cyclase in platelet membranes of patients showing antidepressant responses to alprazolam: preliminary data. Mooney JJ, et al. **J Psychiatr Res** 1985;19(1):65–75

Anorexia, depression, and zinc deficiency [letter] **Lancet** 1984 Nov 17;2(8412):1162–3

Unsuccessful treatment of depression with tetrahydrobiopterin [letter] Woggon B, et al. **Lancet** 1984 Dec 22;2(8417–18):1463

Rapid achievement of antidepressant effect with intravenous chlorimipramine [letter] Pollock BG, et al. **N Engl J Med** 1985 Apr 25;312(17):1130

Effects of antidepressant drugs on a quickly-learned conditioned-suppression response in mice. Kameyama T, et al. **Neuropharmacology** 1985 Apr;24(4):285–90

Double-blind comparative study of paroxetine and amitriptyline in depressed patients of a university psychiatric outpatient clinic (pilot study). Battegay R, et al. **Neuropsychobiology** 1985;13(1–2):31–7

Early visual information processing in depressive patients treated with ORG 2766 (an ACTH 4–9 analogue). d'Elia G, et al. **Neuropsychobiology** 1985;13(1–2):63–8

A controlled double-blind study comparing binedaline and imipramine in the treatment of endogenous depression. Faltus F, et al. **Neuropsychobiology** 1984;12(1):34–8

Effect of bilateral olfactory bulbectomy in the rat, alone or in combination with antidepressants, on the learned immobility model of depression. Górka Z, et al. **Neuropsychobiology** 1985;13(1–2):26–30

Effects of clomipramine infusion on sleep in depressed patients. Klein E, et al. **Neuropsychobiology** 1984;11(2):85–8

Zimeldine versus nomifensine. A double-blind study of depressed inpatients. Knudsen P, et al. **Neuropsychobiology** 1984;11(4):236–42

TSH-response patterns to TRH stimulation may indicate therapeutic mechanisms of antidepressant and neuroleptic drugs. Langer G, et al. **Neuropsychobiology** 1984;11(4):211–8

Comparison of the antidepressant action of tryptophan, tryptophan/5-hydroxytryptophan combination and nomifensine. Quadbeck H, et al. **Neuropsychobiology** 1984;11(2):111–5

Mianserin versus amitriptyline for depression: a double-blind 6-week trial. Rabkin JG, et al. **Neuropsychobiology** 1984;12(4):224–8

Serum levels and response to amitriptyline in depressed out-patients. Rowan PR, et al. **Neuropsychobiology** 1984;12(1):9–15

Cortisol changes in long-term lithium therapy. Smigan L, et al. **Neuropsychobiology** 1984;11(4):219–23

Antidepressant treatment of children: clinical relapse is unrelated to tricyclic plasma concentrations. Olig RM, et al. **Percept Mot Skills** 1985 Jun;60(3):879–89

A case of perazine-induced enteritis—allergy or pseudoallergy? Meya U, et al. **Pharmacopsychiatry** 1985 Jul;18(4):263–6

Serial application of clonidine tests during antidepressive treatment with chlorimipramine. Möller HJ, et al. **Pharmacopsychiatry** 1984 Nov;17(6):184–7

The outpatient clinic for patients under chronic lithium or neuroleptic treatment as a phase-IV research tool. Pietzcker A, et al. **Pharmacopsychiatry** 1984 Sep;17(5):162–7

Oxaprotiline in the treatment of endogenous depressed inpatients an early clinical trial. Schmauss M, et al. **Pharmacopsychiatry** 1985 Jul;18(4):282–5

Results of a phase II study of the antidepressant effect of rolipram. Zeller E, et al. **Pharmacopsychiatry** 1984 Nov;17(6):188–90

Studies on the locus coeruleus system in an animal model for antidepressive activity. Kostowski W, et al. **Pol J Pharmacol Pharm** 1984 Sep–Oct;36(5):523–30

Urinary MHPG is not a good predictor of antidepressive drug response. Pużyński S, et al. **Pol J Pharmacol Pharm** 1984 Jul–Aug;36(4):329–35

Dexamethasone suppression test as a predictor of drug treatment response. Arató M, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4–6):649–52

Trazodone in endogenous depressed patients: a negative report and a critical evaluation of the pertaining literature. Klein HE, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985; 9(2):173–86

Psychopharmacologic treatment of depression. Extein I, et al. **Psychiatr Clin North Am** 1984 Sep;7(3):503–17 (30 ref.)

Atypical depression. Silberman EK, et al. **Psychiatr Clin North Am** 1984 Sep;7(3):535–47 (46 ref.)

Psychopharmacology in childhood disorders. Wiener JM. **Psychiatr Clin North Am** 1984 Dec;7(4):831–43 (30 ref.)

The cortisol response to desipramine in endogenous depressives and normal controls: preliminary findings. Asnis GM, et al. **Psychiatry Res** 1985 Mar;14(3):225–33

Hormonal responses to zimelidine and desipramine in depressed patients. Calil HM, et al. **Psychiatry Res** 1984 Nov;13(3):231–42

Effect of desipramine on control of ventilation and depression scores in patients with severe chronic obstructive pulmonary disease. Gordon GH, et al. **Psychiatry Res** 1985 May;15(1):25–32

Facial EMG activity levels predict treatment outcome in depression. Greden JF, et al. **Psychiatry Res** 1984 Dec; 13(4):345–52

Effect of amitriptyline on the thyrotropin response to thyrotropin-releasing hormone in endogenous depression. Krog-Meyer I, et al. **Psychiatry Res** 1985 Jun;15(2):145–51

A dramatic behavioral response to thyrotropin-releasing hormone following low-dose neuroleptics. Garbutt JC, et al. **Psychoneuroendocrinology** 1984;9(3):311–4

An early Phase II clinical trial with followup of tomoxetine (LY139603) in the treatment of newly admitted depressed patients. Chouinard G, et al. **Psychopharmacol Bull** 1985; 21(1):73–6

A double-blind comparison of lofepramine and clomipramine in depressed outpatients. Dimitriou E, et al. **Psychopharmacol Bull** 1984 Fall;20(4):684–7

The dexamethasone suppression and TRH stimulation tests in the initial phase of depression treatment. Escobar JI, et al. **Psychopharmacol Bull** 1985;21(1):77–80

Implications of noncompliance on research in affective disorders. Frank E, et al. **Psychopharmacol Bull** 1985; 21(1):37–42

A controlled study of the effects of antidepressants on sexual function. Harrison WM, et al. **Psychopharmacol Bull** 1985; 21(1):85–8

Imipramine for treatment of chronic depression. Kocsis JH, et al. **Psychopharmacol Bull** 1985;21(3):698–700

Effect of panic attacks on the treatment of atypical depressives. Liebowitz MR, et al. **Psychopharmacol Bull** 1985;21(3):558–61

Attrition and its consequences in a clinical trial of placebo, imipramine, and phenelzine. Markowitz JS, et al. **Psychopharmacol Bull** 1985;21(1):107–9

Panic attacks in outpatients with depression: response to antidepressant treatment. Robinson DS, et al. **Psychopharmacol Bull** 1985;21(3):562–7

A trial of adjunctive imipramine in postpsychotic depression. Siris SG, et al. **Psychopharmacol Bull** 1985;21(1):114–6

Serotonin agonists and beta-adrenergic agonists as a treatment for depressive disorder: a direct clinical application. Stahl SM. **Psychopharmacol Bull** 1985; 21(1):43–7

Addition of estrogen to imipramine in female-resistant depressives. Zohar J, et al. **Psychopharmacol Bull** 1985; 21(3):705–6

Assessment of symptom change from improvement curves on the Hamilton depression scale in trials with antidepressants. Bech P, et al. **Psychopharmacology (Berlin)** 1984;84(2):276–81

Trazodone—a comparison of single night-time and divided daily dosage regimens. Brooks D, et al. **Psychopharmacology (Berlin)** 1984;84(1):1–4

Orthostatic side effects of clomipramine and citalopram during treatment for depression. Christensen P, et al. **Psychopharmacology (Berlin)** 1985;86(4):383–5

Cianopramine and amitriptyline in the treatment of depressed patients—a placebo-controlled study. Hormazabal L, et al. **Psychopharmacology (Berlin)** 1985;86(1–2):205–8

Effects of two antidepressants on memory performance in depressed outpatients: a double-blind study. Lamping DL, et al. **Psychopharmacology (Berlin)** 1984;84(2):254–61

Single-dose single-point method in amitriptyline therapy. Madakasira S, et al. **Psychopharmacology (Berlin)** 1984; 84(4):574–6

The effect of clorgyline on noradrenergic function. Ross RJ, et al. **Psychopharmacology (Berlin)** 1985;85(2):227–30

Effects of carbamazepine on cerebrospinal fluid somatostatin. Rubinow DR, et al. **Psychopharmacology (Berlin)** 1985; 85(2):210–3

Metyrapone for depression and delirium secondary to Cushing's syndrome. Kramlinger KG, et al. **Psychosomatics** 1985 Jan;26(1):67, 71

Major depression in patients with cardiac disease: diagnosis and somatic treatment. Levenson JL, et al. **Psychosomatics** 1985 Feb;26(2):91–102

Acute antidepressant effect of lithium in unipolar depression. Lieberman JA, et al. **Psychosomatics** 1984 Dec;25(12):932–3

Combined treatment of refractory depression with an MAO inhibitor and a tricyclic. Manshadi MS, et al. **Psychosomatics** 1984 Dec;25(12):929–31

Informed consent in psychiatric research: preliminary findings from an ongoing investigation. Benson PR, et al. **Soc Sci Med** 1985;20(12):1331–41

A preliminary report on anti-depressant therapy and its effects on hope and immunity. Udelman DL, et al. **Soc Sci Med** 1985;20(10):1069–72

[Use of calcium channel blockers in psychiatry. Hypothesis and the first results] Höschl C, et al. **Cas Lek Cesk** 1984 Sep 7;123(36):1110–3 (Eng. Abstr.) (Cze)

[Treatment of masked depressions using bromazepam] Vencovský E, et al. **Cesk Psychiatr** 1985 Apr;81(2):75–8 (Eng. Abstr.) (Cze)

[Alprazolam (Tafil). A new benzodiazepine-with a new action profile?] Rasmussen SB, et al. **Ugeskr Laeger** 1985 Apr 29;147(18):1495–7 (Dan)

[Effect of dogmatil on postoperative depression] Jaques R. **Ann Chir** 1984 Dec;38(9):693–7 (Eng. Abstr.) (Fre)

[Tricyclic antidepressive agents] Ginestet D. **Biomed Pharmacother** 1984;38(3):126–8 (Eng. Abstr.) (Fre)

[Activity and acceptability of indalpine in a double-blind study versus placebo] Gisselmann A. **Encephale** 1984; 10(5):231–4 (Eng. Abstr.) (Fre)

[Measurement of basal plasma levels of 3 anterior pituitary hormones during acute or chronic treatment with tricyclic antidepressants] Goyot C, et al. **Encephale** 1985 Mar–Apr; 11(2):45–51 (Eng. Abstr.) (Fre)

[Action of clovoxamine on the sleep of depressed patients. 'Polygraphic recordings'] Minot R, et al. **Encephale** 1985 Mar–Apr;11(2):65–70 (Eng. Abstr.) (Fre)

[Open preliminary study of new antidepressive compound: citalopram] Ropert R, et al. **Encephale** 1984;10(3):131–4 (Eng. Abstr.) (Fre)

[The use of low-dose amitriptyline in psychogeriatrics. A clinical, pharmacokinetic and pharmacogenetic study] Schnyder C, et al. **Schweiz Med Wochenschr** 1985 Aug 17;115(33):1128–34 (Eng. Abstr.) (Fre)

[Antidepressive effect of a Hypericum extract standardized to an active hypericine complex. Biochemical and clinical studies] Müldner H, et al. **Arzneimittelforsch** 1984; 34(8):918–20 (Eng. Abstr.) (Ger)

[Therapy with antidepressive and tranquilizing agents] Barocka A. **Fortschr Med** 1984 Aug 30;102(31–32):775–9 (Eng. Abstr.) (Ger)

[Treatment of depressive conditions with viloxazine by the general practitioner] Haehn KD. **Fortschr Med** 1985 Apr 18;103(15):408–12 (Eng. Abstr.) (Ger)

[Prediction of treatment outcome with antidepressants: are short REM latencies diagnostically and prognostically reliable indicators?] Spiegel R. **Fortschr Neurol Psychiatr** 1984 Sep;52(9):302–11 (Eng. Abstr.) (Ger)

[Treatment of depressive syndrome with antidepressants] Woggon B, et al. **Med Monatsschr Pharm** 1985 May; 8(5):130–6 (Ger)

[When do I give which antidepressant in the individual case?] Fähndrich E. **Nervenarzt** 1984 Sep;55(9):477–82 (Eng. Abstr.) (Ger)

[Long-term administration of antidepressive agents: maintenance therapy and phase prevention] Schönbeck G, et al. **Wien Klin Wochenschr** 1985 Feb 15;97(4):201–8 (Eng. Abstr.) (Ger)

[Viloxazine in the treatment of depression in the aged. Double-blind placebo study] De Leo D, et al. **Minerva Psichiatr** 1984 Apr–Jun;25(2):127–30 (Eng. Abstr.) (Ita)

[Open study on the efficacy of amineptin in a sample of depressed patients] Magurno F, et al. **Minerva Psichiatr** 1984 Oct–Dec;25(4):265–8 (Eng. Abstr.) (Ita)

[Treatment of anxious-depressive syndromes with Mianserin hydrochloride. Statistical evaluation of the data by Student's 't test'] Spinetti G, et al. **Minerva Psichiatr** 1985 Jan–Mar;26(1):79–86 (Eng. Abstr.) (Ita)

[Hypothalamic phospholipid liposomes. A drug for the treatment of anxiety-depressive syndromes in internal medicine] Licata G. **Recenti Prog Med** 1984 Dec; 75(12):1076–80 (Eng. Abstr.) (Ita)

[Results in the treatment of depressive syndromes with once-a-day doxepin doses administered at bedtime] Bilikiewicz A, et al. **Psychiatr Pol** 1984 Mar–Apr; 18(2):143–6 (Eng. Abstr.) (Pol)

[Vascular activator of fibrinolysis in patients treated with antidepressive drugs] Olajossy M, et al. **Psychiatr Pol** 1984 Nov–Dec;18(6):543–8 (Eng. Abstr.) (Pol)

[Noveril treatment of patients with treatment-resistant depressions (comparative evaluation of technics of intravenous drip administration)] Panteleeva GP, et al. **Zh Nevropatol Psikhiatr** 1984;84(8):1221–6 (Eng. Abstr.) (Rus)

ENZYMOLOGY

Platelet MAO activity and age at onset of depression in elderly depressed women. Alexopoulos GS, et al. **Am J Psychiatry** 1984 Oct;141(10):1276–8

Platelet MAO activity in anorexia nervosa patients with and without a major depressive disorder. Biederman J, et al. **Am J Psychiatry** 1984 Oct;141(10):1244–7

Comparison of whole blood serotonin and platelet MAO in children with schizophrenia and major depressive disorder. Rogeness GA, et al. **Biol Psychiatry** 1985 Mar;20(3):270–5

Sex differences in biological factors putatively related to depression. Halbreich U, et al. **J Affective Disord** 1984 Dec; 7(3–4):223–33

Personality traits and monoamine oxidase activity in platelets in depressed patients. Perris C, et al. **Neuropsychobiology** 1984;12(4):201–5

ETIOLOGY

Depression in the spouses of demented patients. Goldman LS, et al. **Am J Psychiatry** 1984 Nov;141(11):1467–8

Do maladaptive attitudes 'cause' depression: misconception of cognitive theory [letter] Riskind JH, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1111–2

Depressive illness and morbid distress. Onset and development data examined against five-year outcome. Copeland JR. **Br J Psychiatry** 1985 Mar;146:297–307

Marital intimacy and depression. Waring EM, et al. **Br J Psychiatry** 1984 Dec;145:641–4

The occurrence and treatment of poststroke mood disorders. Robinson RG, et al. **Compr Ther** 1984 Sep;10(9):19–24

Depressive illness and lung cancer. II. Follow-up of inoperable patients. Hughes JE. **Eur J Surg Oncol** 1985 Mar;11(1):21–4

Increased intracranial pressure and depression in the elderly. Meyers BS. **J Am Geriatr Soc** 1984 Dec;32(12):936–8

Depression and serotonin metabolism: rationale for neurotransmitter precursor treatment. Byerley WF, et al. **J Clin Psychopharmacol** 1985 Aug;5(4):191–206 (188 ref.)

Neurosarcoidosis presenting as major depression [letter] Stiller J, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep; 47(9):1050–1

Depressive symptoms in drug abuse treatment clients: correlates, treatment, and changes. Ginzburg HM, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:313–9

Neurochemical and cognitive aspects of depression. Kidman A. **Prog Neurobiol** 1985;24(3):187–97

Responding for brain stimulation: stress and desmethylimipramine. Zacharko RM, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4–6):601–6

Does unilateral dopamine deficit contribute to depression? Barber J, et al. **Psychiatry Res** 1985 May;15(1):17–24

Disorder of the pineal gland associated with depression, peptic ulcers, and sexual dysfunction. Maurizi CP. **South Med J** 1984 Dec;77(12):1516–8 (39 ref.)

[Psychosomatic complications of contraception] Cepický P, et al. **Cesk Gynekol** 1984 Nov;49(9):647–9 (Cze)

[The complexity of the clinical appearance of depressive disease as shown in 2 examples] Calanchini C. **Schweiz Rundsch Med Prax** 1984 Sep 25;73(39):1179–82 (Eng. Abstr.) (Ger)

[Psychological characteristics of women with postpartum hypothalamic disorder] Motyka M. **Folia Med Cracov** 1984; 25(1–2):87–96 (Pol)

[Mental disorders in arterial hypertension] Sekrecki T. **Pol Tyg Lek** 1984 Sep 17;39(38):1257–8 (Pol)

FAMILIAL & GENETIC

Depression and endogenicity. Hamilton M. **Acta Psychiatr Belg** 1984 May–Jun;84(3):240–8

Bipolar I, bipolar II, and nonbipolar major depression among the relatives of affectively ill probands. Coryell W, et al. **Am J Psychiatry** 1985 Jul;142(7):817–21

Fibromyalgia and major affective disorder: a controlled phenomenology and family history study. Hudson JI, et al. **Am J Psychiatry** 1985 Apr;142(4):441–6

Genetic factors in depression and suicide. Rainer JD. **Am J Psychother** 1984 Jul;38(3):329–40 (24 ref.)

Affective disorders in referred children and younger siblings of manic-depressives. Mode of onset and prospective course. Akiskal HS, et al. **Arch Gen Psychiatry** 1985 Oct; 42(10):996–1003

Birth-cohort trends in rates of major depressive disorder among relatives of patients with affective disorder. Klerman GL, et al. **Arch Gen Psychiatry** 1985 Jul; 42(7):689–93

Familial transmission of depression and alcoholism. Merikangas KR, et al. **Arch Gen Psychiatry** 1985 Apr; 42(4):367–72

Schizophrenics with tardive dyskinesia. Neuropsychological deficit and family psychopathology. Wegner JT, et al. **Arch Gen Psychiatry** 1985 Sep;42(9):860–5

Onset of major depression in early adulthood. Increased familial loading and specificity. Weissman MM, et al. **Arch Gen Psychiatry** 1984 Dec;41(12):1136–43

Importance of diagnostic thresholds in familial classification. Dexamethasone suppression test and familial subtypes of depression. Zimmerman M, et al. **Arch Gen Psychiatry** 1985 Mar;42(3):300–4

A study of the TRH test in a family with psychiatric illness: a reflection on the TRH test as a state-trait marker. Garbutt JC, et al. **Biol Psychiatry** 1985 May;20(5):570–2

The relationships of historically defined subtypes of depression to ACTH and cortisol levels in depression: preliminary study. Winokur G, et al. **Biol Psychiatry** 1985

Jul;20(7):751–7

Hereditary differentiation of anxiety and affective neuroses. Torgersen S. **Br J Psychiatry** 1985 May;146:530–4

Depressed children of depressed parents. Kashani JH, et al. **Can J Psychiatry** 1985 Jun;30(4):265–9

A family study of psychotic symptomatology in schizophrenia, schizoaffective disorder, unipolar depression, and bipolar disorder. Winokur G, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):295–8

Drug response as a predictor of transmission of non-bipolar major depression within families. Prusoff BA, et al. **J Affective Disord** 1985 Mar–Apr;8(2):171–6

Sex-related differences in depression. Familial evidence. Rice J, et al. **J Affective Disord** 1984 Dec;7(3–4):199–210

The search for genetic homogeneity in affective disorders. Smeraldi E, et al. **J Affective Disord** 1984 Oct;7(2):99–107

Family history of suicide in affective disorder patients. Roy A. **J Clin Psychiatry** 1985 Aug;46(8):317–9

Transmission of affective disorders: an application of segregation analysis to blind family study data. Tsuang MT, et al. **J Psychiatr Res** 1985;19(1):23–9

Depressives with secondary alcoholism: psychiatric disorders in offspring. Merikangas KR, et al. **J Stud Alcohol** 1985 May;46(3):199–204

Differential effect of subtype of parental major affective disorder on children. Kashani JH, et al. **Psychiatry Res** 1985 Jul;15(3):195–204

Genetic factors in the sex ratio of major depression. Merikangas KR, et al. **Psychol Med** 1985 Feb;15(1):63–9

Major depression and panic disorder: a family study perspective. Leckman JF, et al. **Psychopharmacol Bull** 1985; 21(3):543–5

HISTORY

Was the 'nervous illness' of Schreber a case of affective disorder? Lipton AA. **Am J Psychiatry** 1984 Oct; 141(10):1236–9

'Depressive pseudodementia' or 'Melancholic dementia': a 19th century view. Berrios GE. **J Neurol Neurosurg Psychiatry** 1985 May;48(5):393–400

IMMUNOLOGY

Antithyroid antibodies in depressed patients. Nemeroff CB, et al. **Am J Psychiatry** 1985 Jul;142(7):840–3

Immunoglobulin studies in patients with psychiatric diseases. Roos RP, et al. **Arch Gen Psychiatry** 1985 Feb;42(2):124–8

Depression and immunity. Lymphocyte function in ambulatory depressed patients, hospitalized schizophrenic patients, and patients hospitalized for herniorrhaphy. Schleifer SJ, et al. **Arch Gen Psychiatry** 1985 Feb; 42(2):129–33

Multiple sclerosis and depression [letter] Kronfol Z. **Arch Neurol** 1985 Apr;42(4):310

Serum immunoglobulin concentrations in patients admitted to an acute psychiatric in-patient service. DeLisi LE, et al. **Br J Psychiatry** 1984 Dec;145:661–5

Stress and immunomodulation: the role of depression and neuroendocrine function. Stein M, et al. **J Immunol** 1985 Aug;135(2 Suppl):827s–833s

A controlled study of cellular immune function in affective disorders before and during somatic therapy. Albrecht J, et al. **Psychiatry Res** 1985 Jul;15(3):185–93

METABOLISM

Cerebral metabolic rates for glucose in mood disorders. Studies with positron emission tomography and fluorodeoxyglucose F 18. Baxter LR Jr, et al. **Arch Gen Psychiatry** 1985 May;42(5):441–7

Anteroposterior gradients in cerebral glucose use in schizophrenia and affective disorders. Buchsbaum MS, et al. **Arch Gen Psychiatry** 1984 Dec;41(12):1159–66

Brain energy metabolism and blood-brain barrier permeability in depressive patients: analyses of creatine, creatinine, urate, and albumin in CSF and blood. Niklasson F, et al. **Biol Psychiatry** 1984 Aug;19(8):1183–206

Plasma concentrations of nortriptyline and its 10-hydroxy metabolite in depressed patients—relationship to the debrisoquine hydroxylation metabolic ratio. Nordin C, et al. **Br J Clin Pharmacol** 1985 Jun;19(6):832–5

Relationship between pituitary responses to human corticotropin-releasing factor and thyrotropin-releasing hormone in depressives and normal controls. Holsboer F, et al. **Eur J Pharmacol** 1985 Mar 26;110(1):153–4

Neurochemical aspects of depression: the past and the future? Jesberger JA, et al. **Int J Neurosci** 1985 Jul;27(1–2):19–47 (240 ref.)

The influence of mania and depression on the pharmacokinetics of lithium. A longitudinal single-case study. Kukopoulos A, et al. **J Affective Disord** 1985 Mar–Apr;8(2):159–66

Imipramine metabolism in recurrent depressive episodes. Tollefson G, et al. **J Affective Disord** 1985 Mar–Apr; 8(2):183–6

Serial monitoring and achievement of steady state nortriptyline plasma levels in depressed children and adolescents: preliminary data. Geller B, et al. **J Clin Psychopharmacol** 1985 Aug;5(4):213–6

Nortriptyline pharmacokinetic parameters in depressed children and adolescents: preliminary data. Geller B, et al. **J Clin Psychopharmacol** 1984 Oct;4(5):265–9

Neurotransmitter receptors and monoamine metabolites in the brains of patients with Alzheimer-type dementia and depression, and suicides. Crow TJ, et al. **Neuropharmacology** 1984 Dec;23(12B):1561–9

Neuroendocrine responses to apomorphine in depressed patients and healthy control subjects. Jimerson DC, et al. **Psychiatry Res** 1984 Sep;13(1):1–12

A comparative study of the pituitary TSH response to thyrotropin in outpatient depressives. McGrath PJ, et al. **Psychiatry Res** 1984 Jul;12(3):185–93

Cortisol response to dextroamphetamine stimulation in depressed outpatients. Stewart JW, et al. **Psychiatry Res** 1984 Jul;12(3):195–206

TRH-induced prolactin release is blunted in females with endogenous unipolar major depression. Witschy JK, et al. **Psychiatry Res** 1984 Aug;12(4):321–31

Yohimbine and clonidine recognize different states of adrenergic receptors on human platelets: reconsideration of studies on platelet alpha-2 receptors in depressive illness. Piletz JE, et al. **Psychopharmacol Bull** 1985;21(3):573–8

Panic disorder and major depression: biological relationships. Roy-Byrne PP, et al. **Psychopharmacol Bull** 1985; 21(3):551–4

Delayed biochemical changes following antidepressant treatment. Sugrue MF. **Psychopharmacol Bull** 1985; 21(3):619–22

Neurochemical basis of stress-induced depression. Weiss JM, et al. **Psychopharmacol Bull** 1985;21(3):447–57

Patterns of cerebral glucose utilization in depression, multiple infarct dementia, and Alzheimer's disease. Kuhl DE, et al. **Res Publ Assoc Res Nerv Ment Dis** 1985;63:211–26

Study design in the investigation of mood disorders with PET. Phelps ME, et al. **Res Publ Assoc Res Nerv Ment Dis** 1985;63:227–43

[Methodology of post-mortem research. Apropos of setting-up a data bank for studying the biology of depression] Deluermoz S, et al. **Encephale** 1985 Mar–Apr; 11(2):85–8 (Eng. Abstr.) (Fre)

[A half-century of electroshock, or the obsolete therapy of the future (editorial)] Lôo H. **Encephale** 1984;10(6):245–6 (Fre)

[Current biochemical hypotheses of endogenous depression] Riederer P, et al. **Wien Klin Wochenschr** 1985 Feb 15; 97(4):190–6 (Eng. Abstr.) (Ger)

[Biochemical studies of depression] **Seishin Shinkeigaku Zasshi** 1984;86(8):646–67 (Jpn)

[Serotonin metabolism in severe depression. Clinical and biochemical changes and the contribution of precursors] Pérez de los Cobos Peris JC. **Actas Luso Esp Neurol Psiquiatr** 1984 Jul–Aug;12(4):247–57 (Eng. Abstr.) (Spa)

OCCURRENCE

Chronic and recurrent affective disorders: incidence, course, and influencing factors. Keller MB. **Adv Biochem Psychopharmacol** 1985;40:111–20

Ethics in epidemiologic studies [letter] **Am J Psychiatry** 1985 Apr;142(4):515–6

Early parental separation and adult depression. Roy A. **Arch Gen Psychiatry** 1985 Oct;42(10):987–91

Depressive symptoms in medical house officers. Effects of level of training and work rotation. Reuben DB. **Arch Intern Med** 1985 Feb;145(2):286–8

The Zurich study. II. The continuum from normal to pathological depressive mood swings. Angst J, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(1):21–9

The Zurich study—a prospective epidemiological study of depressive, neurotic and psychosomatic syndromes. I. Problem, methodology. Angst J, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(1):13–20

How depressing life is—life-long morbidity risk for depressive disorder in the general population. Sturt E, et al. **J Affective Disord** 1984 Oct;7(2):109–22

The epidemiology of depression. An update on sex differences in rates. Weissman MM, et al. **J Affective Disord** 1984 Dec;7(3–4):179–88

Depression and suicidality in eating disorders. Viesselman JO, et al. **J Clin Psychiatry** 1985 Apr;46(4):118–24

Research selection bias and the prevalence of depressive disorders in psychiatric facilities. Frank RG, et al. **J Consult Clin Psychol** 1985 Jun;53(3):370–6

Depression among the rural elderly. A study of prevalence and correlates. O'Hara MW, et al. **J Nerv Ment Dis** 1985 Oct;173(10):582–9

Childhood depression: prevalence using DSM-III criteria and validity of parent and child depression scales. Lobovits DA, et al. **J Pediatr Psychol** 1985 Mar;10(1):45–54

The definition of depression. Angst J, et al. **J Psychiatr Res** 1984;18(4):401–6

Geriatric depression in the West and the Far East. Grauer H. **Psychiatr J Univ Ottawa** 1984 Sep;9(3):118–20

Epidemiology of adolescent depression. Schoenbach VJ, et al. **Public Health Rev** 1984;12(2):159–89 (85 ref.)

[Existential events and depression. Comparative study of several types of depressed patients] Amiel-Lebigre F, et al. **Ann Med Psychol (Paris)** 1984 Jul–Aug;142(7):937–58 (Eng. Abstr.) (Fre)

[Age distribution of depressive episodes in a community sample] Hautzinger M. **Psychiatr Prax** 1984 Nov; 11(6):196–9 (Eng. Abstr.) (Ger)

[Epidemiology of depression] Hinterhuber H. **Wien Klin Wochenschr** 1985 Feb 15;97(4):182–7 (Eng. Abstr.) (Ger)

[Prevalence of depressive disorders in general medical consultations] Morera Fumero AL, et al. **Actas Luso Esp Neurol Psiquiatr** 1984 Sep–Oct; 12(5):305–13 (Eng. Abstr.) (Spa)

PATHOLOGY

[CT in senile dementia and depression] Jacoby R, et al. **Nervenarzt** 1985 Mar;56(3):113–9 (Eng. Abstr.) (Ger)

PHYSIOPATHOLOGY

Beta adrenergic receptor function in depression and the effect of antidepressant drugs. Pandey GN, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:66–79

Dexamethasone suppression test in depression: association with duration of illness. Sashidharan SP, et al. **Acta Psychiatr Scand** 1984 Oct;70(4):354–60

Abnormal anterior pituitary responsiveness to hypothalamic hormones in depression: neurophysiological correlates and psychopharmacological effects. Brambilla F, et al. **Adv Biochem Psychopharmacol** 1985;40:69–80

Hypothesis of a deficiency of central noradrenergic input in DST nonsuppressor depressed patients. A clinical study with determination of DST and plasma DOPEG: negative results. Loo H, et al. **Adv Biochem Psychopharmacol** 1985; 40:99–102

Overview: toward a dysregulation hypothesis of depression. Siever LJ, et al. **Am J Psychiatry** 1985 Sep;142(9):1017–31 (134 ref.)

Similarity of non-REM abnormalities in schizophrenia and depression [letter] Guazzelli M, et al. **Arch Gen Psychiatry** 1985 Aug;42(8):834–5

Electroencephalographic sleep of younger depressives. Comparison with normals. Kupfer DJ, et al. **Arch Gen Psychiatry** 1985 Aug;42(8):806–10

Carbamazepine and thyroid function in affectively ill patients. Clinical and theoretical implications. Roy-Byrne PP, et al. **Arch Gen Psychiatry** 1984 Dec;41(12):1150–3

Opioid regulation of hypothalamic-pituitary-adrenal function in depression. Zis AP, et al. **Arch Gen Psychiatry** 1985 Apr;42(4):383–6

Neurotransmitter markers of depression. Leonard BE. **Aust NZ J Psychiatry** 1984 Dec;18(4):307–12

Dexamethasone suppression test in geriatric depression. Alexopoulos GS, et al. **Biol Psychiatry** 1984 Nov; 19(11):1567–71

'Paradoxical' shortening of REM latency on first recording night in major depressive disorder: clinical and polysomnographic correlates. Ansseau M, et al. **Biol Psychiatry** 1985 Feb;20(2):135–45

The dexamethasone suppression test in depressed retarded adults: preliminary findings. Beckwith BE, et al. **Biol Psychiatry** 1985 Aug;20(8):825–31

Prostaglandin E2 and depression [letter] Calabrese JR, et al. **Biol Psychiatry** 1984 Aug;19(8):1269–71

Animal models of depression: parallels and correlates to severe depression in humans. Jesberger JA, et al. **Biol Psychiatry** 1985 Jul;20(7):764–84

Dexamethasone suppression in major depression. Kocsis JH, et al. **Biol Psychiatry** 1984 Aug;19(8):1255–9

Cortisol response to vasopressin in depression. Krahn DD, et al. **Biol Psychiatry** 1985 Aug;20(8):918–21

Weight change and the dexamethasone suppression test. Krishnan KR, et al. **Biol Psychiatry** 1985 Sep;20(9):1018–22

What does the dexamethasone suppression test identify? Krishnan KR, et al. **Biol Psychiatry** 1985 Sep;20(9):957–64

Relationship among selected neuroendocrine and sleep measures in patients with recurrent depression. Kupfer DJ, et al. **Biol Psychiatry** 1984 Nov;19(11):1525–36

The dexamethasone suppression test: interaction of diagnosis, sex, and age in psychiatric inpatients. Nelson WH, et al. **Biol Psychiatry** 1984 Sep;19(9):1293–304

Habituation and cortisol dysregulation in depression. Reus VI, et al. **Biol Psychiatry** 1985 Sep;20(9):980–9

The dexamethasone suppression test in patients with postpsychotic depressions. Siris SG, et al. **Biol Psychiatry** 1984 Sep;19(9):1351–6

Electrodermal activity among subtypes of depression. Williams KM, et al. **Biol Psychiatry** 1985 Feb;20(2):158–62

Statistical quantitative EEG studies of depression, mania, schizophrenia and normals. Flor-Henry P, et al. **Biol Psychol** 1984 Dec;19(3–4):257–79

Antidepressant properties of the triazolobenzodiazepines alprazolam and adinazolam: studies on the olfactory bulbectomized rat model of depression. O'Connor WT, et al. **Br J Clin Pharmacol** 1985;19 Suppl 1:49S–56S

Focal changes in cerebral blood flow produced by monetary incentive during a mental mathematics task in normal and depressed subjects. Warren LR, et al. **Brain Cogn** 1984 Jan; 3(1):71–85

Clinical utility of dexamethasone suppression testing in the elderly depressive: a case report. Kutcher SP. **Can J Psychiatry** 1984 Oct;29(6):505–7

Comparative dexamethasone suppression test measurements in bulimia, depression and normal controls. Musisi S, et al. **Can J Psychiatry** 1985 Apr;30(3):190–4

Is there right hemisphere dysfunction in major depression? Ramos-Brieva JA, et al. **Int J Neurosci** 1984 Apr; 23(2):103–9

The effects of dexamethasone administration on EEG sleep in depressed patients. Kupfer DJ, et al. **J Affective Disord** 1984 Oct;7(2):93–8

The dexamethasone suppression test in agoraphobia. Peterson GA, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):100–2

Speech timing measures of severity, psychomotor retardation, and agitation in endogenously depressed patients. Bouhuys AL, et al. **J Commun Disord** 1984 Aug;17(4):277–88

Search for biological/genetic markers in a long-term epidemiological and morbid risk study of affective disorders. Fieve RR, et al. **J Psychiatr Res** 1984;18(4):425–45

Biological markers in obsessive-compulsive and affective disorders. Insel TR, et al. **J Psychiatr Res** 1984;18(4):407–23

Neurophysiological 'markers'—EEG sleep measures. Kupfer DJ. **J Psychiatr Res** 1984;18(4):467–75

A corticosteroid/dopamine hypothesis for psychotic depression and related states. Schatzberg AF, et al. **J Psychiatr Res** 1985;19(1):57–64

Cholinomimetic drug RS 86, REM sleep, and depression [letter] Berger M, et al. **Lancet** 1985 Jun 15;1(8442):1385–6

Effects of tranylcypromine treatment on neuroendocrine, behavioral, and autonomic responses to tryptophan in depressed patients. Price LH, et al. **Life Sci** 1985 Sep 2;37(9):809–18

Blunted corticotropin and normal cortisol response to human corticotropin-releasing factor in depression [letter] Holsboer F, et al. **N Engl J Med** 1984 Oct 25;311(17):1127

Reduced sensitivity of lymphocyte beta-adrenergic receptors in patients with endogenous depression and psychomotor agitation. Mann JJ, et al. **N Engl J Med** 1985 Sep 19;313(12):715–20

Alpha 2 and beta-adrenoceptor agonists modulate [3H]dopamine release from rat nucleus accumbens slices: implications for research into depression. Nurse B, et al. **Neurochem Res** 1984 Sep;9(9):1231–8

Violent suicidal behavior and the thyrotropin-releasing hormone-thyroid-stimulating hormone test: a clinical outcome study. Linkowski P, et al. **Neuropsychobiology** 1984;12(1):19–22

Further investigation of the dexamethasone suppression test in affective illnesses: relationship to clinical diagnosis and therapeutic response. Mendlewicz J, et al. **Neuropsychobiology** 1984;12(1):23–6

The dexamethasone suppression test as a biologic marker of depression in chronic pain. France RD, et al. **Pain** 1985 Jan;21(1):49–55

Cerebral blood flow and cerebrovascular permeability in an inescapable shock (learned helplessness) animal model of depression. Hughes CW, et al. **Pharmacol Biochem Behav** 1984 Dec;21(6):891–4

Biological correlates of attachment bond disruption in humans and nonhuman primates. Kalin NH, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984;8(3):459–69 (86 ref.)

The metyrapone test in depressed males. Morphy MA, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985;9(2):187–91

Biological alterations in the primary affective disorders and other tricyclic-responsive disorders. Siever LJ, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985;9(1):15–24

Neurotransmitter hypotheses of depression. Research update. Jimerson DC. **Psychiatr Clin North Am** 1984 Sep;7(3):563–73 (49 ref.)

Concurrent use of REM latency, dexamethasone suppression, clonidine, and apomorphine tests as biological markers of endogenous depression: a pilot study. Ansseau M, et al. **Psychiatry Res** 1984 Jul;12(3):261–72

Cortisol response to morphine and the DST [letter] Banki CM, et al. **Psychiatry Res** 1985 May;15(1):81–3

Occurrence of high concentrations of postdexamethasone cortisol in elderly psychiatric inpatients. Fogel BS, et al. **Psychiatry Res** 1985 Jun;15(2):85–90

The dexamethasone suppression and metyrapone tests in depression. Morphy MA, et al. **Psychiatry Res** 1985 Jun;15(2):153–8

Depression in borderline patients: a prospective EEG sleep study. Reynolds CF 3d, et al. **Psychiatry Res** 1985 Jan;14(1):1–15

Noradrenergic function and the cortisol response to dexamethasone in depression. Rubin AL, et al. **Psychiatry Res** 1985 May;15(1):5–15

Cortisol escape from morphine suppression. Zis AP, et al. **Psychiatry Res** 1985 Jun;15(2):91–5

Release of human neurophysin I during insulin-induced hypoglycemia in depressed patients is abolished after recovery with clomipramine treatment. Geenen V, et al. **Psychoneuroendocrinology** 1985;10(1):61–9

Serum aldosterone following dexamethasone in depressed patients. Targum SD, et al. **Psychoneuroendocrinology** 1984;9(3):305–9

Cortisol and prolactin responses to dexamethasone in major depression, chronic pain, and chronic pain with major depression. Atkinson JH Jr, et al. **Psychopharmacol Bull** 1985;21(3):690–3

The GABA hypothesis of depression and antidepressant drug action. Bartholini G, et al. **Psychopharmacol Bull** 1985;21(3):385–8

Hormones and depression—conceptual transitions. Halbreich U. **Psychopharmacol Bull** 1985;21(3):568–72

Melancholia in rodents: neurobiology and pharmacology. Henn FA, et al. **Psychopharmacol Bull** 1985;21(3):443–6

Depression, hypothalamic-pituitary-adrenocortical activity, and lymphocyte function. Kronfol Z, et al. **Psychopharmacol Bull** 1985;21(3):476–8

The effects of alaproclate on the pupillary responses to tyramine, phenylephrine and pilocarpine in depressed patients. Thompson C, et al. **Psychopharmacology (Berlin)** 1985;85(1):55–8

[Regulation of receptor sensitivity and psychiatry] Cai N. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Apr;18(2):124–7 (18 ref.) (Chi)

[2 new GABA-ergics (GABA-linoleamide and GABA-steatamide). On 2 experimental models of depression] Vamvakidès A. **Agressologie** 1985 Jun;26(7):597–9 (Eng. Abstr.) (Fre)

[Value and limits of conducting several neuro-endocrine tests in the diagnosis of depressive states] Schmitt L, et al. **Ann Med Psychol (Paris)** 1985 Feb;143(2):166–74 (Fre)

[Value of the sleep EEG as a biological marker of depressive states. Comparison with 3 neuroendocrine tests] Ansseau M, et al. **Rev Electroencephalogr Neurophysiol Clin** 1985 Apr;14(4):343–9 (Eng. Abstr.) (Fre)

[Clinical use of the dexamethasone suppression test] De Leo D, et al. **Minerva Psichiatr** 1984 Apr–Jun;25(2):115–25 (44 ref.) (Eng. Abstr.) (Ita)

[Adaptation of the sleep EEG under laboratory conditions in patients with endogenous depression and in healthy persons] Ekiert H, et al. **Psychiatr Pol** 1984 Mar–Apr;18(2):129–36 (Eng. Abstr.) (Pol)

[Dexamethasone suppression test and unipolar-bipolar classification of depression] Ayuso Gutiérrez JL, et al. **Actas Luso Esp Neurol Psiquiatr** 1985 Jan–Feb;13(1):1–4 (Eng. Abstr.) (Spa)

[Use of the dexamethasone suppression test in a prospective study of pseudodementias] Chinchilla Moreno A, et al. **Actas Luso Esp Neurol Psiquiatr** 1985 Jan–Feb;13(1):27–35 (Eng. Abstr.) (Spa)

PREVENTION & CONTROL

Drug therapy in the prevention of recurrences in unipolar and bipolar affective disorders. Report of the NIMH Collaborative Study Group comparing lithium carbonate, imipramine, and a lithium carbonate-imipramine combination. Prien RF, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1096–104

NIMH report. Conference recommends pharmacologic prevention of recurring mood disorders. Runck B. **Hosp Community Psychiatry** 1984 Sep;35(9):871–3

[Effect of preventive administration of lithium carbonate on serum concentrations of various pituitary and peripheral hormones in patients with endogenous depression] Horodnicki JM, et al. **Psychiatr Pol** 1984 Jul–Aug;18(4):319–25 (Eng. Abstr.) (Pol)

PSYCHOLOGY

Depressive neurosis. A long-term prospective and retrospective follow-up study of former inpatients. Bronisch T, et al. **Acta Psychiatr Scand** 1985 Mar;71(3):237–48

Depressed patients and non-psychiatric controls: discriminant analysis on social environment variables. Eisemann M. **Acta Psychiatr Scand** 1985 May;71(5):495–8

Contact difficulties and experience of loneliness in depressed patients and non-psychiatric controls. Eisemann M. **Acta Psychiatr Scand** 1984 Aug;70(2):160–5

The availability of confiding persons for depressed patients. Eisemann M. **Acta Psychiatr Scand** 1984 Aug;70(2):166–9

The relationship of personality to social network aspects and loneliness in depressed patients. Eisemann M. **Acta Psychiatr Scand** 1984 Oct;70(4):337–41

Perceived parental rearing practices in depressed patients in relation to social class. Eisemann M, et al. **Acta Psychiatr Scand** 1984 Dec;70(6):568–72

The relationship of social setting to major depression. Hällström T, et al. **Acta Psychiatr Scand** 1984 Oct;70(4):327–36

Chronic low-back pain and depression: an epidemiological survey. Magni G. **Acta Psychiatr Scand** 1984 Dec;70(6):614–7

Partnership problems as causes of endogenous and neurotic depressions. Matussek P, et al. **Acta Psychiatr Scand** 1985 Feb;71(2):95–104

Developmental differentiation of anxiety and affective neuroses. Torgersen S. **Acta Psychiatr Scand** 1985 Mar;71(3):304–10

Primary affective disorder, drug abuse, and neuropsychological impairment in sober alcoholics. Clark DC, et al. **Alcoholism (NY)** 1984 Jul–Aug;8(4):399–404

Resources, life events, and changes in positive affect and depression in older adults. Murrell SA, et al. **Am J Community Psychol** 1984 Aug;12(4):445–64

Psychosocial correlates of depression in mentally retarded adults: II. Poor social skills. Benson BA, et al. **Am J Ment Defic** 1985 May;89(6):657–9

Psychosocial correlates of depression in mentally retarded adults: I. Minimal social support and stigmatization. Reiss S, et al. **Am J Ment Defic** 1985 Jan;89(4):331–7

Depression and anorexia nervosa of persons with Down syndrome. Szymanski LS, et al. **Am J Ment Defic** 1984 Nov;89(3):246–51

Child-rearing patterns in depressed, abusive, and normal mothers. Susman EJ, et al. **Am J Orthopsychiatry** 1985 Apr;55(2):237–51

Medication nonadherence due to feelings of loss of control in 'biological depression'. Bursten B. **Am J Psychiatry** 1985 Feb;142(2):244–6

Seven-month clinical outcome of anhedonic and normally hedonic depressed inpatients. Clark DC, et al. **Am J Psychiatry** 1984 Oct;141(10):1216–20

The impact of depression in old age on close social relationships. Murphy E. **Am J Psychiatry** 1985 Mar;142(3):323–7

A psychoanalytic view of the relationship between delusional depression and bipolar disorder [letter] Rockland LH. **Am J Psychiatry** 1985 Mar;142(3):396

Follow-up five years after attempted suicide at age 7. Friedman RC, et al. **Am J Psychother** 1985 Jan;39(1):108–13

Fantasized companions and suicidal depressions: two case reports. Seeman K, et al. **Am J Psychother** 1984 Oct;38(4):541–57

Memory complaints in depressed geriatric inpatients. Pettinati HM, et al. **Ann NY Acad Sci** 1985;444:528–30

Behavioural deviance and maternal depressive symptoms in paediatric outpatients. Fitzgerald M. **Arch Dis Child** 1985 Jun;60(6):560–2

Infradian rhythms. A comparison of affective disorders and normal persons. Eastwood MR, et al. **Arch Gen Psychiatry** 1985 Mar;42(3):295–9

Psychosocial functioning in prepubertal major depressive disorders. I. Interpersonal relationships during the depressive episode. Puig-Antich J, et al. **Arch Gen Psychiatry** 1985 May;42(5):500–7

Psychosocial functioning in prepubertal major depressive disorders. II. Interpersonal relationships after sustained recovery from affective episode. Puig-Antich J, et al. **Arch Gen Psychiatry** 1985 May;42(5):511–7

Time experience during depression. Wyrick RA, et al. **Arch Gen Psychiatry** 1977 Dec;34(12):1441–3

Searching-waiting strategy: a candidate for an evolutionary model of depression? Thierry B, et al. **Behav Neural Biol** 1984 Jul;41(2):180–9

Auditory laterality in depression: relation to circadian patterns and EEG sleep. Berger-Gross P, et al. **Biol Psychiatry** 1985 Jun;20(6):611–22

Depression and panic in patients with borderline personality disorder. Grunhaus L, et al. **Biol Psychiatry** 1985 Jun;20(6):688–92

The relationship of mental disorder with dental treatment dissatisfaction. Hayden-Smith P. **Br Dent J** 1984 Sep 8;157(5):164–5

Rating scales for depression and anxiety: a current perspective. Snaith RP, et al. **Br J Clin Pharmacol** 1985;19 Suppl 1:17S–20S

A test of cognitive vulnerability in individuals prone to depression. Blackburn IM, et al. **Br J Clin Psychol** 1985 Feb;24 (Pt 1):61–2

Recall and recognition in depressives: use of matched tasks. Calev A, et al. **Br J Clin Psychol** 1985 May;24 (Pt 2):127–8

Attributional style and depression. Hargreaves IR. **Br J Clin Psychol** 1985 Feb;24 (Pt 1):65–6

Dependence and its relationship to depression. Birtchnell J. **Br J Med Psychol** 1984 Sep;57 (Pt 3):215–25

A personal construct study of depression. Sheehan MJ. **Br J Med Psychol** 1985 Jun;58 (Pt 2):119–28

Depression: a breakdown of perceptual defence? Powell M, et al. **Br J Psychiatry** 1984 Oct;145:358–62

Water intoxication in psychiatric patients. Singh S, et al. **Br J Psychiatry** 1985 Feb;146:127–31

Short-term cognitive effects of unilateral and bilateral ECT. Taylor MA, et al. **Br J Psychiatry** 1985 Mar;146:308–11

Psychosis in bipolar and unipolar affective illness with special reference to schizo-affective disorder. Winokur G. **Br J Psychiatry** 1984 Sep;145:236–42

Postnatal depression and child development. A three-year follow-up study. Wrate RM, et al. **Br J Psychiatry** 1985 Jun;146:622–7

Developmental and psychodynamic aspects of childhood depression. Bemporad JR, et al. **Child Psychiatry Hum Dev** 1984 Spring;14(3):145–57

Post-abortion and post-partum psychiatric hospitalization. David HP. **Ciba Found Symp** 1985;115:150–64

Myths of mid-winter depression. Christensen R, et al. **Community Ment Health J** 1983 Fall;19(3):177–86

Depression viewed as a state of disturbed psychic contact. Benjaminsen S. **Compr Psychiatry** 1984 Nov–Dec;25(6):594–605

Coping with precipitating life stress of primarily depressed inpatients. Benjaminsen S. **Compr Psychiatry** 1985 Jan–Feb;26(1):71–9

Relationships of mood and interpersonal perceptions. Janowsky DS, et al. **Compr Psychiatry** 1984 Nov–Dec;25(6):546–51

Life events and the endogenous-nonendogenous distinction in the treatment and posttreatment course of depression. Monroe SM, et al. **Compr Psychiatry** 1985 Mar–Apr;26(2):175–86

Psychological evaluation in dementia and depression. Johansen AM, et al. **Dan Med Bull** 1985 Feb;32 Suppl 1:60–2

Stability of psychotic symptomatology (delusions, hallucinations), affective syndromes, and schizophrenic symptoms (thought disorder, incongruent affect) over episodes in remitting psychoses. Winokur G, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):303–7

Depression, masochism, and biology. Asch SS. **Hillside J Clin Psychiatry** 1985;7(1):34–53

Dysthymic distress and hostile personality characteristics in Greek student nurses: a comparative study. Vaslamatzis G, et al. **Int J Nurs Stud** 1985;22(1):15-20

Behaviourally deviant pre-school children and depressed mothers. Leader H, et al. **Ir J Med Sci** 1985 Mar; 154(3):106-9

Social-cognitive and cognitive correlates of depression in children. Kaslow NJ, et al. **J Abnorm Child Psychol** 1984 Dec;12(4):605-20

Life stressors and social resources affect posttreatment outcomes among depressed patients. Billings AG, et al. **J Abnorm Psychol** 1985 May;94(2):140-53

Studying depressed persons' interactions with strangers and spouses. Coyne JC. **J Abnorm Psychol** 1985 May; 94(2):231-2

Social support and stress in the transition to parenthood. Cutrona CE. **J Abnorm Psychol** 1984 Nov;93(4):378-90

Type III error in research on interpersonal models of depression. Doerfler LA, et al. **J Abnorm Psychol** 1985 May;94(2):227-30

Behavioral response to naturally occurring stress in cyclothymia and dysthymia. Goplerud E, et al. **J Abnorm Psychol** 1985 May;94(2):128-39

Psychosocial adjustment of adolescent children of a depressed, arthritic, or normal parent. Hirsch BJ, et al. **J Abnorm Psychol** 1985 May;94(2):154-64

Social networks and developmental psychopathology: a comparison of adolescent children of a depressed, arthritic, or normal parent. Hirsch BJ, et al. **J Abnorm Psychol** 1985 Aug;94(3):272-81

Depression and the response of others: a re-evaluation. King DA, et al. **J Abnorm Psychol** 1984 Nov;93(4):477-80

Problem-solving characteristics of process and reactive schizophrenics and affective-disordered patients. King S, et al. **J Abnorm Psychol** 1985 Feb;94(1):17-29

Recall of pleasant and unpleasant words in depressed subjects. McDowall J. **J Abnorm Psychol** 1984 Nov; 93(4):401-7

Longitudinal study of cognitions, life events, and depression in psychiatric inpatients. Persons JB, et al. **J Abnorm Psychol** 1985 Feb;94(1):51-63

Depression and attributions: factors responsible for inconsistent results in the published literature. Peterson C, et al. **J Abnorm Psychol** 1985 May;94(2):165-8

Differential recall as a function of mood disorder in clinically depressed patients: between- and within-subject differences. Slife BD, et al. **J Abnorm Psychol** 1984 Nov; 93(4):391-400

Chronicity in major depression. A naturalistic prospective study. Berti Ceroni G, et al. **J Affective Disord** 1984 Oct; 7(2):123-32

Personality and gender-related differences in depression. Hirschfeld RM, et al. **J Affective Disord** 1984 Dec; 7(3-4):211-21

Marital adjustment in major depression. Merikangas KR, et al. **J Affective Disord** 1985 Jul;9(1):5-11

The relationship between anxiety and depression. A review of some principal component analytic studies. Mullaney JA. **J Affective Disord** 1984 Oct;7(2):139-48

Ruminative thinking. A distinctive sign of melancholia. Nelson JC, et al. **J Affective Disord** 1985 Jul;9(1):41-6

Psychosocial predictors of outcome in subjects with untreated depressive disorder. Parker G, et al. **J Affective Disord** 1985 Jan-Feb;8(1):73-81

Sleep of atypical depressives. Quitkin FM, et al. **J Affective Disord** 1985 Jan-Feb;8(1):61-7

Assessing depression in evaluating memory impairment [letter] Pettinati HM, et al. **J Am Geriatr Soc** 1985 Aug; 33(8):570-1

The relation between masochism and depression. Caston J. **J Am Psychoanal Assoc** 1984;32(3):603-14

Depression in mothers in a multi-ethnic urban industrial municipality in Melbourne. Aetiological factors and effects on infants and preschool children. Williams H, et al. **J Child Psychol Psychiatry** 1985 Mar;26(2):277-88

Rapid improvement of delusional depression following drug-induced seizures: case report. Rubin AL, et al. **J Clin Psychiatry** 1985 Apr;46(4):146-7

Schizophrenic and depressed inpatients' perceptions of congruent and incongruent communications. Colussy SA, et al. **J Clin Psychol** 1985 May;41(3):331-7

Motivation to obtain self-relevant feedback in depressed college students. Gasparikova-Krasnec M, et al. **J Clin Psychol** 1984 Sep;40(5):1190-3

Occupational dream, relation to parents and depression in the early adult transition. Gooden W, et al. **J Clin Psychol** 1984 Jul;40(4):945-54

Social skills deficits and self-evaluation among depressed and nondepressed psychiatric inpatients. Haley WE. **J Clin Psychol** 1985 Mar;41(2):162-8

Depression in multiple sclerosis as a function of length and severity of illness, age, remissions, and perceived social support. McIvor GP, et al. **J Clin Psychol** 1984 Jul; 40(4):1028-33

Depression in geriatric and adult medical inpatients. Magni G, et al. **J Clin Psychol** 1985 May;41(3):337-44

Situational influences on social behaviors of depression-prone individuals. Meyer BE, et al. **J Clin Psychol** 1985 Jan; 41(1):29-35

Influence of depression and alcoholism on learning, recall, and recognition. Query WT, et al. **J Clin Psychol** 1984 Jul;40(4):1097-100

Gender differences in rating stressful events, depression, and depressive cognition. Sowa CJ, et al. **J Clin Psychol** 1984 Nov;40(6):1334-7

Psychosocial processes of remission in unipolar depression: comparing depressed patients with matched community controls. Billings AG, et al. **J Consult Clin Psychol** 1985 Jun;53(3):314-25

Assessment of depression in alcoholics: comment on Hesselbrock et al. Hagan LD, et al. **J Consult Clin Psychol** 1985 Feb;53(1):64-6

Cognitive bias and depression in psychiatrically disturbed children and adolescents. Haley GM, et al. **J Consult Clin Psychol** 1985 Aug;53(4):535-7

Recent findings in adolescent depression and suicide. Hodgman CH. **J Dev Behav Pediatr** 1985 Jun;6(3):162-70

Deficiencies in social support among depressed patients: antecedents or consequences of stress? Mitchell RE, et al. **J Health Soc Behav** 1984 Dec;25(4):438-52

Ordination and cognitive complexity as related to clinical depression. Angelillo J, et al. **J Nerv Ment Dis** 1985 Sep; 173(9):546-53

Stressful life events associated with endogenous depression. Cornell DG, et al. **J Nerv Ment Dis** 1985 Aug;173(8):470-6

Focal cognitive deficits accentuated by depression. Fogel BS, et al. **J Nerv Ment Dis** 1985 Feb;173(2):120-4

Early parental discipline and adult self-destructive acts. Yesavage JA, et al. **J Nerv Ment Dis** 1985 Feb;173(2):74-7

Notes on depression and grief in children and others. Lange J. **J Oslo City Hosp** 1984 Sep;34(9):85-9

Depression and evaluative schemata. Ruehlman LS, et al. **J Pers** 1985 Mar;53(1):46-92 (120 ref.)

Schizophrenic, depressive, and nonpatient personality organizations described by Rorschach factor structures. Mason BJ, et al. **J Pers Assess** 1985 Jun;49(3):295-305

The predictive validity of the Zung Index of Potential Suicide. Petrie K, et al. **J Pers Assess** 1985 Feb;49(1):100-2

Affective and cognitive characteristics of depression in 10- and 11-year-old children. Blumberg SH, et al. **J Pers Soc Psychol** 1985 Jul;49(1):194-202

Personal efficacy, external locus of control, and perceived contingency of parental reinforcement among depressed, paranoid, and normal subjects. Rosenbaum M, et al. **J Pers Soc Psychol** 1985 Aug;49(2):539-47

Attributional style: degree of depression, respondent's sex, and nature of the attributional event. Calicchia JP, et al. **J Psychol** 1984 Jul;117(2D Half):167-75

Learned helplessness: effects of noncontingent reinforcement and response cost with emotionally disturbed children. Saylor CF, et al. **J Psychol** 1984 Jul;117(2D Half):189-96

Psychometric ante-natal predictors of post-natal depressed mood. Bridge LR, et al. **J Psychosom Res** 1985;29(3):325-31

Alcohol misuse and depression in women criminals. Martin RL, et al. **J Stud Alcohol** 1985 Jan;46(1):65-71

Depression, self-concept, and violent experience in drug abusing women and their influence upon parenting effectiveness. Regan DO, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:332

Evolution of depressive disorders in old age under active assistance. Predescu V, et al. **Neurol Psychiatr (Bucur)** 1984 Oct-Dec;22(4):237-42

Chronic pain and depression. II. Symptoms of anxiety in chronic low back pain patients and their relationship to subtypes of depression. Krishnan KR, et al. **Pain** 1985 Jul; 22(3):289-94

Animal models of depression: an overview. McKinney WT. **Psychiatr Dev** 1984 Summer;2(2):77-96

Risk factors for depression in adolescence. Wells VE, et al. **Psychiatr Dev** 1985 Spring;3(1):83-108 (135 ref.)

Depression and marriage. Roy A. **Psychiatr J Univ Ottawa** 1985 Jun;10(2):101-3

Time perception and psychological well-being in the elderly. Baum SK, et al. **Psychiatr Q** 1984 Spring;56(1):54-61

Chronic pain and depression: does the evidence support a relationship? Romano JM, et al. **Psychol Bull** 1985 Jan; 97(1):18-34

Life stress and symptom pattern in out-patient depression. Paykel ES, et al. **Psychol Med** 1984 Aug;14(3):559-68

Description and measurement of concentration problems in depressed patients. Watts FN, et al. **Psychol Med** 1985 May; 15(2):317-26

Causal attributions of depression: reliability of the 'Causal Dimension Scale' in research on clinical inference. Abraham IL. **Psychol Rep** 1985 Apr;56(2):415-8

Relationship of anxiety and depression to age and sex in an acute psychiatric population. Correll RE. **Psychol Rep** 1984 Dec;55(3):979-86

Responses to facial expression of emotion in depression. Mandal MK, et al. **Psychol Rep** 1985 Apr;56(2):653-4

Personality traits in former depressed patients and in healthy subjects without past history of depression. Perris C, et al. **Psychopathology** 1984;17(4):178-86

'Pseudo-allergy': treatment with an MAO inhibitor. Ulwelling W. **Psychosomatics** 1985 Jun;26(6):535-6

Aggression in depressives and psoriatics. Matussek P, et al. **Psychother Psychosom** 1985;43(3):120-5

Marital status and depression among Mexican Americans. Markides KS, et al. **Soc Psychiatry** 1985;20(2):86-91

Stress, social support and affective disorders in mothers of pre-school children—a test of the stress-buffering effect of social support. Solomon Z. **Soc Psychiatry** 1985; 20(2):100-5

[Measurement of aggressiveness by the Gottschalk and Gleser method of verbal sample analysis. Various biochemical and psychodynamic aspects] Morez VE. **Acta Psychiatr Belg** 1984;84:541-8 (Eng. Abstr.) (Fre)

[Depression and the environment] Costa e Silva J. **Ann Med Psychol (Paris)** 1984 Apr;142(4):516-22 (Fre)

[Red and Lenoir. Self mutilation and depression] De Praingy M, et al. **Ann Med Psychol (Paris)** 1984 Dec;142(10):1302-7 (Fre)

[Comparison of various tools for evaluating depression apropos of a study on Athymil 30 mg] Lempérière T, et al. **Ann Med Psychol (Paris)** 1984 Nov;142(9):1206-14 (Fre)

[Persecutional and sthenic delusional depression] Moussaoui D, et al. **Ann Med Psychol (Paris)** 1984 Sep-Oct; 142(8):1118-24 (Fre)

[Cases of despair in a sectorel psychiatric practice] Olivennes A. **Ann Med Psychol (Paris)** 1985 Feb;143(2):190-6 (Fre)

[Validity of the Eppendorf Mood-Drive Scale] Richter P, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(6):363-8 (Eng. Abstr.) (Ger)

[Calculation by Supprian of the phase calendar of endogenous depressions—a statistical artifact?] Richter P. **Fortschr Neurol Psychiatr** 1985 Mar;53(3):94-100 (Eng. Abstr.) (Ger)

[Patholinguistics of schizophrenic texts. A comparative study of schizophrenic, depressive, brain organic and healthy patients] Tress W, et al. **Nervenarzt** 1984 Sep;55(9):488-95 (Ger)

[Suicide and depression in Senegal and in Africa] Gueye M, et al. **Psyche (Stuttg)** 1984 Aug;38(8):696-709 (Eng. Abstr.) (Ger)

[Catamnestic surveys on somato-psychosocial development in childhood and adolescence of patients with unipolar depressive and bipolar manic-depressive psychoses] Müller E, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Aug; 36(8):450-8 (Eng. Abstr.) (Ger)

[Achievement concepts, mental status and psychological stability of the elderly] Deusinger IM. **Rehabilitation (Stuttg)** 1985 Feb;24(1):26-32 (Eng. Abstr.) (Ger)

[The depressed patient and his family] Faust V, et al. **Schweiz Rundsch Med Prax** 1985 Jul 2;74(27):716-20 (Eng. Abstr.) (Ger)

[A category system for the analysis of verbal interactions of couples with a depressive partner] Hautzinger M, et al. **Z Klin Psychol Psychopathol Psychother** 1984;32(2):159-68 (Ger)

[Pathomorphosis of the depressions] Fernandes da Fonseca A. **Minerva Psichiatr** 1984 Jul-Sep;25(3):169-74 (Ita)

[Premorbid personality characteristics in patients with affective disorders] Bidzińska E. **Psychiatr Pol** 1984 Jul-Aug;18(4):313-8 (Eng. Abstr.) (Pol)

[Psychopathological picture of depression in affective bipolar and unipolar diseases] Parnowski T. **Psychiatr Pol** 1984 Nov-Dec;18(6):577-82 (39 ref.) (Pol)

[Features of dysphoric states developing within the framework of endogenous depression] Zharikov MN. **Zh Nevropatol Psikhiatr** 1984;84(12):1844-8 (Eng. Abstr.) (Rus)

THERAPY

Plasma pattern of adrenocorticotropin and cortisol during electroconvulsive therapy in patients with major depressive illness. Apéria B, et al. **Acta Psychiatr Scand** 1984 Oct; 70(4):361-9

The relationship of concurrent benzodiazepine administration to seizure duration in ECT. Standish-Barry HM, et al. **Acta Psychiatr Scand** 1985 Mar;71(3):269-71

Approach to chronic and treatment-resistant depressions. Akiskal HS. **Adv Biochem Psychopharmacol** 1985;40:159-63

Maintenance treatment of recurrent unipolar depression: pharmacology and psychotherapy. Frank E, et al. **Adv Biochem Psychopharmacol** 1985;40:139-51

A 'gratuitous' conclusion on ECT [letter] Fink M. **Am J Psychiatry** 1985 Sep;142(9):1129-30

Efficacy of ECT: a meta-analysis. Janicak PG, et al. **Am J Psychiatry** 1985 Mar;142(3):297-302

Factors affecting amnesia, seizure duration, and efficacy in ECT. Miller AL, et al. **Am J Psychiatry** 1985 Jun; 142(6):692-6

Increases in prolactin levels following bilateral and unilateral ECT. Papakostas Y, et al. **Am J Psychiatry** 1984 Dec; 141(12):1623-4

Subjective memory complaints in geriatric depression. Plotkin DA, et al. **Am J Psychiatry** 1985 Sep;142(9):1103-5

Antidepressant effects of light in seasonal affective disorder. Rosenthal NE, et al. **Am J Psychiatry** 1985 Feb; 142(2):163-70

Outpatient management of the suicidal child. Robinson LH. **Am J Psychother** 1984 Jul;38(3):399-412

Can lithium carbonate prolong the antidepressant effect of sleep deprivation? [letter] Baxter LR Jr. **Arch Gen Psychiatry** 1985 Jun;42(6):635

Treatment of depression with cognitive therapy and amitriptyline. Beck AT, et al. **Arch Gen Psychiatry** 1985 Feb;42(2):142-8

Cognition and therapy [letter] Beck AT. **Arch Gen Psychiatry** 1984 Nov;41(11):1112-5

NIMH Treatment of Depression Collaborative Research Program. Background and research plan. Elkin I, et al. **Arch Gen Psychiatry** 1985 Mar;42(3):305-16

Psychotherapy: the treatment of choice for neurotic/reactive depression? Parker G. **Aust NZ J Psychiatry** 1985 Mar; 19(1):36–43

Psychological treatments for depression: how do they work? Teasdale JD. **Behav Res Ther** 1985;23(2):157–65

Electroacupuncture and ECT [letter] Chang W. **Biol Psychiatry** 1984 Aug;19(8):1271–2

Electroacupuncture and electroconvulsive treatment [letter] Fink M. **Biol Psychiatry** 1985 Jul;20(7):817–8

ECT-responsive nonmelancholic depression associated with extreme concentrations of post-dexamethasone cortisol. Fogel BS. **Biol Psychiatry** 1984 Oct;19(10):1477–80

Serial monitoring of antidepressant response to electroconvulsive therapy with sleep EEG recordings and dexamethasone suppression tests. Grunhaus L, et al. **Biol Psychiatry** 1985 Jul;20(7):805–8

Hormone response to repeated electroconvulsive therapy: effects of naloxone. Haskett RF, et al. **Biol Psychiatry** 1985 Jun;20(6):623–33

ECT: the search for the perfect stimulus. Hyrman V, et al. **Biol Psychiatry** 1985 Jun;20(6):634–45

Plasma catecholamines and ECT. Khan A, et al. **Biol Psychiatry** 1985 Jul;20(7):799–804

Missed and brief seizures during ECT: differential response between unilateral and bilateral electrode placement. Pettinati HM, et al. **Biol Psychiatry** 1985 May;20(5):506–14

Reliability of a standardized brief-pulse stimulus in ECT. Weaver L Jr, et al. **Biol Psychiatry** 1985 Jan;20(1):79–85

Dissociation of motor response from mood and cognition in a parkinsonian patient treated with ECT. Young RC, et al. **Biol Psychiatry** 1985 May;20(5):566–9

Does the dexamethasone suppression test predict antidepressant treatment success? Coppen A, et al. **Br J Psychiatry** 1985 Mar;146:294–6

The Nottingham ECT Study. A double-blind comparison of bilateral, unilateral and simulated ECT in depressive illness. Gregory S, et al. **Br J Psychiatry** 1985 May; 146:520–4

An evaluation of cognitive-behaviour therapy for depression in patients with multiple sclerosis. Larcombe NA, et al. **Br J Psychiatry** 1984 Oct;145:366–71

Predicting improvement in patients with non-endogenous depression. Parker G, et al. **Br J Psychiatry** 1985 Feb; 146:132–9

Cognitive-behaviour therapy for depression: problems and perspectives. Williams JM. **Br J Psychiatry** 1984 Sep; 145:254–62 (23 ref.)

Effects of aerobic exercise on depression: a controlled study. Martinsen EW, et al. **Br Med J [Clin Res]** 1985 Jul 13; 291(6488):109

The course of elderly depressed out-patients. Cole MG. **Can J Psychiatry** 1985 Apr;30(3):217–20

Unilateral ECT: advantages and efficacy in the treatment of depression. Fontaine R, et al. **Can J Psychiatry** 1985 Mar;30(2):142–7

Clinical and biological correlates of sleep deprivation in depression. Joffe RT, et al. **Can J Psychiatry** 1984 Oct; 29(6):530–6 (70 ref.)

Decision making in the treatment of depression by family medicine physicians. Zung WW, et al. **Compr Ther** 1985 Jul;11(7):19–23

Influence of ACTH 4–10 and unilateral ECT on primary and secondary memory in depressive patients. Frederiksen SO, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):291–4

Determining how a depressed woman's personality affects the choice of treatment. Frances A, et al. **Hosp Community Psychiatry** 1984 Sep;35(9):883–4, 954

Difficulty of follow-up and posttreatment functioning among depressed patients. Billings AG, et al. **J Affective Disord** 1985 Jan–Feb;8(1):9–16

Delusional depression. A one year follow-up. Robinson DG, et al. **J Affective Disord** 1985 Jul;9(1):79–83

An exploratory study: the psychoeducational group treatment of drug-refractory unipolar depression. Antonuccio DO, et al. **J Behav Ther Exp Psychiatry** 1984 Dec;15(4):309–13

Social skills training and endogenous depression. Thase ME, et al. **J Behav Ther Exp Psychiatry** 1984 Jun;15(2):101–8

The use of ECT in children: case report. Black DW, et al. **J Clin Psychiatry** 1985 Mar;46(3):98–9

Use of ECT in a depressed hypothyroid patient. Garrett MD. **J Clin Psychiatry** 1985 Feb;46(2):64–6

Patterns of attrition for psychosocial and pharmacologic treatments of depression. Last CG, et al. **J Clin Psychiatry** 1985 Sep;46(9):361–6

Cognitive-behavioral treatment of depressed affect among epileptics: preliminary findings. Davis GR, et al. **J Clin Psychol** 1984 Jul;40(4):930–5

Solicitation of elderly depressives for treatment outcome research: a comparison of referral sources. Breckenridge JS, et al. **J Consult Clin Psychol** 1985 Aug;53(4):552–4

A psychoeducational approach to the treatment of depression: comparison of group, individual, and minimal contact procedures. Brown RA, et al. **J Consult Clin Psychol** 1984 Oct;52(5):774–83

Longitudinal follow-up of unipolar depressives: an investigation of predictors of relapse. Gonzales LR, et al. **J Consult Clin Psychol** 1985 Aug;53(4):461–9

Effect of L-tryptophan on electroconvulsive therapy seizure time. Price WA, et al. **J Nerv Ment Dis** 1985 Oct; 173(10):636–8

Depression in women. Gordon VC, et al. **J Psychosoc Nurs Ment Health Serv** 1985 Jan;23(1):26–34

An evaluation of the effectiveness of individual and group cognitive therapy in the treatment of depressed patients in an inner city health centre. Ross M, et al. **J R Coll Gen Pract** 1985 May;35(274):239–42

The effects of electroconvulsive therapy on serial electrocardiograms and serum cardiac enzyme values. A prospective study of depressed hospitalized inpatients. Dec GW Jr, et al. **JAMA** 1985 May 3;253(17):2525–9

Reaching the hard-to-reach: serving isolated and depressed mothers with infants in the community. Lyons-Ruth K, et al. **New Dir Ment Health Serv** 1984 Dec;(24):95–122

Nursing care of the depressed patient: a cognitive approach. Helm SB. **Perspect Psychiatr Care** 1984 Jul–Sep;22(3):100–7

Setting relevant patient differences—a problem in phase-IV research. Blackburn IM. **Pharmacopsychiatry** 1984 Sep; 17(5):143–7

Biological and clinical predictors of response in recurrent depression: a preliminary report. Frank E, et al. **Psychiatry Res** 1984 Dec;13(4):315–24

An investigation of patients' attitudes to ECT by means of Q-analysis. Cowley PN. **Psychol Med** 1985 Feb;15(1):131–9

ECT risk in cardiac patients [letter] Peterson GN. **Psychosomatics** 1985 Jun;26(6):531

Psychiatric consultation with a noncooperative, depressed stroke patient. Teitelbaum ML, et al. **Psychosomatics** 1985 Feb;26(2):145–6

Electroconvulsive therapy for depression [editorial] Wackym PA, et al. **South Med J** 1984 Sep;77(9):1073

[Treatment of depression] Salminen JK. **Duodecim** 1985; 101(2):188–93 (Fin)

[The function of bias in psychiatry] Knoll M. **Nervenarzt** 1984 Nov;55(11):574–81 (Ger)

[Some electroencephalographic findings following bilateral and unilateral electroconvulsive treatment] Sack G. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Sep;36(9):533–6 (Eng. Abstr.) (Ger)

[Thematic concordance—development of a process parameter in psychotherapy] Knebusch R. **Psychother Psychosom Med Psychol** 1985 Jan;35(1):24–31 (Eng. Abstr.) (Ger)

[Depression in childhood and adolescence] Friedrich MH, et al. **Wien Klin Wochenschr** 1985 Feb 15;97(4):187–9 (Eng. Abstr.) (Ger)

[Use of acupuncture in the treatment of depressive syndromes] Frydrychowski A, et al. **Psychiatr Pol** 1984 May–Jun;18(3):247–50 (Eng. Abstr.) (Pol)

[Treatment of endogenous depressions by sleep deprivation] Nosachev GN. **Zh Nevropatol Psikhiatr** 1985;85(4):565–70 (Eng. Abstr.) (Rus)

[Various aspects of the differential therapy of circular depressions] Prokhorova IS. **Zh Nevropatol Psikhiatr** 1985; 85(4):570–4 (Eng. Abstr.) (Rus)

[Sleep deprivation as a method of treating endogenous depression] Vovin RIa, et al. **Zh Nevropatol Psikhiatr** 1985; 85(4):560–5 (Eng. Abstr.) (Rus)

[Modern approach to the therapy of depression] Borišev L. **Med Pregl** 1985;38(3–4):193–5 (Eng. Abstr.) (Scr)

URINE

6-Sulphatoxy melatonin in melancholia. Boyce PM. **Am J Psychiatry** 1985 Jan;142(1):125–7

Pretreatment urinary MHPG levels as predictors of antidepressant responses to alprazolam. Mooney JJ, et al. **Am J Psychiatry** 1985 Mar;142(3):366–7

MHPG, ECT, and depression [letter] McDougle CJ, et al. **Biol Psychiatry** 1985 Aug;20(8):927

Peptide-containing fractions in depression. Saelid G, et al. **Biol Psychiatry** 1985 Mar;20(3):245–56

Factor analytic derivation of the MHPG/NM ratio: implications for studying the link between physical fitness and depression. Sothmann MS, et al. **Biol Psychiatry** 1985 May;20(5):579–83

Vasopressin and mood during the puerperium. Stein G, et al. **Biol Psychiatry** 1984 Dec;19(12):1711–7

Persistent elevation of urinary free cortisol and loss of circannual periodicity in recovered depressive patients. A trait finding. Kathol RG. **J Affective Disord** 1985 Mar–Apr; 8(2):137–45

Phenylethylamine excretion in depression. DeLisi LE, et al. **Psychiatry Res** 1984 Nov;13(3):193–201

[Selective study of sulfate and glucuronide conjugates of urinary MHPG in nervous depression. Peripheral and central influences] Peyrin L, et al. **Encephale** 1985 Jan–Feb; 11(1):19–24 (Eng. Abstr.) (Fre)

[Urinary MHPG in patients with endogenous depression and the effectiveness of antidepressive drugs] Puzyński S, et al. **Psychiatr Pol** 1984 Mar–Apr;18(2):115–22 (Eng. Abstr.) (Pol)

DEPRESSIVE SYMPTOMS see **DEPRESSION**

DEPRESSIVE SYNDROME see **DEPRESSIVE DISORDER**

DEPTH INTOXICATION see **INERT GAS NARCOSIS**

DEPTH PERCEPTION

Effect of stimulus parameters on fusional and stereoscopic performance. Boman DK, et al. **Am J Optom Physiol Opt** 1985 Mar;62(3):222–7

Correlation between stereo ability and the recovery of structure-from-motion. Richards W, et al. **Am J Optom Physiol Opt** 1985 Feb;62(2):111–8

Stereoacuity in patients with optic nerve disease. Friedman JR, et al. **Arch Ophthalmol** 1985 Jan;103(1):37–8

A computational aspect of kinetic depth effect. Sugie N, et al. **Biol Cybern** 1984;50(6):431–6

Infants' sensitivity to accretion and deletion of texture as information for depth at an edge. Granrud CE, et al. **Child Dev** 1984 Aug;55(4):1630–6

Deafferentation of oculomotor proprioception affects depth discrimination in adult cats. Fiorentini A, et al. **Exp Brain Res** 1985;59(2):296–301

Stereoacuity degradation by experimental and real monocular and binocular amblyopia. Goodwin RT, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):917–23

Stereopsis in an amblyopic small angle esotrope. Garzia RP, et al. **J Am Optom Assoc** 1985 May;56(5):400–4

Shape and depth perception from parallel projections of three-dimensional motion. Braunstein ML, et al. **J Exp Psychol [Hum Percept]** 1984 Dec;10(6):749–60

Complementary spatial locations, width, and disparity. Shore H. **J Theor Biol** 1985 Apr 21;113(4):673–702

Information about three-dimensional shape and direction of illumination in a square-wave grating. Bergström SS, et al. **Perception** 1984;13(2):129–40

A new random-dot stereo illusion and its application to the Anstis-Howard-Rogers effect. Enright JT. **Perception** 1984;13(5):547–53

A new reversible and impossible object. Katz M. **Perception** 1984;13(2):221–2

A new angle on the freemish crate. Smith NE. **Perception** 1984;13(2):153–4

Extrapolating and interpolating surfaces in depth. Collett TS. **Proc R Soc Lond [Biol]** 1985 Mar 22;224(1234):43–56

Binocular mechanisms mediating crossed and uncrossed stereopsis. Mustillo P. **Psychol Bull** 1985 Mar;97(2):187–201 (86 ref.)

Visual dissociations of movement, position, and stereo depth: some phenomenal phenomena. Gregory RL, et al. **Q J Exp Psychol [A]** 1983 Feb;35 (Pt 1):217–37

[A simple apparatus for evaluating stereoscopic vision in near vision] Rougas K, et al. **Bull Soc Ophtalmol Fr** 1983 Nov; 83(11):1269–72 (Eng. Abstr.) (Fre)

[Value of the stereoscopic tests in the detection of sensorimotor anomalies in children] Casu L, et al. **J Fr Ophtalmol** 1984;7(12):819–22 (Eng. Abstr.) (Fre)

[Familiar and assumed size as signal of distance and depth perception] Bredenkamp J. **Arch Psychol (Frankf)** 1984; 136(2):89–105 (Eng. Abstr.) (Ger)

[Binocular functions in unilateral pseudophakia] Doden W, et al. **Klin Monatsbl Augenheilkd** 1984 Oct;185(4):250–2 (Eng. Abstr.) (Ger)

[Postoperative microstrabismus. performance accuracy in spatial depth] Haase W, et al. **Klin Monatsbl Augenheilkd** 1985 May;186(5):337–42 (Eng. Abstr.) (Ger)

[Measurement of stereoscopic vision in 6-year-old preschool children] Römhild H. **Klin Monatsbl Augenheilkd** 1985 May;186(5):343–6 (Eng. Abstr.) (Ger)

[Retinal correspondence observed by infrared fundus haploscope. The 15th report: relationship between binocular depth perception and convergence eye movement] Ohmi E, et al. **Nippon Ganka Gakkai Zasshi** 1985 Jan;89(1):192–5 (Eng. Abstr.) (Jpn)

PHYSIOLOGY

Binocular summation in man and monkey. Harwerth RS, et al. **Am J Optom Physiol Opt** 1985 Jul;62(7):439–46

Stereoscopic threshold in children and adults. Heron G, et al. **Am J Optom Physiol Opt** 1985 Aug;62(8):505–15

Illusory differences which are stereoacuity test cues. Larson WL. **Am J Optom Physiol Opt** 1985 Jun;62(6):413–7

Vergence adaptation maintains heterophoria in normal binocular vision. McCormack GL. **Am J Optom Physiol Opt** 1985 Aug;62(8):555–61

Topographic visually evoked potentials induced by stereoptic stimulus. Fukai S. **Br J Ophthalmol** 1985 Aug;69(8):612–7

A time-based stereoscopic depth mechanism in the visual cortex. Gardner JC, et al. **Brain Res** 1985 Feb 25; 328(1):154–7

The critical period for corpus callosum section to affect cortical binocularity. Elberger AJ, et al. **Exp Brain Res** 1985;57(2):213–23

Stereoscopic stimuli activate different cortical neurones in man: electrophysiological evidence. Skrandies W, et al. **Int J Psychophysiol** 1985 Apr;2(4):293–6

Neural control of vergence eye movements: activity of abducens and oculomotor neurons. Mays LE, et al. **J Neurophysiol** 1984 Oct;52(4):743–61

Depth-increment detection function for individual spatial channels. Badcock DR, et al. **J Opt Soc Am [A]** 1985 Jul; 2(7):1211–6

Disparities in depth perception [news] Longuet-Higgens C. **Nature** 1985 May 30–Jun 5;315(6018):369

Interpolation in stereoscopic matching. Mitchison GJ, et al. **Nature** 1985 May 30–Jun 5;315(6018):402–4

The effects of illumination level and retinal size on the depth stratification of subjective contour figures. Bradley DR, et al. **Perception** 1984;13(2):155–64

Stereopsis from disparity of complex grating patterns. Boothroyd K, et al. **Vision Res** 1984;24(10):1205–22

Binocular simple cells for local stereopsis: comparison of receptive field organizations for the two eyes. Maske R, et al. **Vision Res** 1984;24(12):1921–9

The perception of depth in simple figures. Mitchison GJ, et al. **Vision Res** 1984;24(9):1063–73

Vertical image registration in stereopsis. Nielsen KR, et al. **Vision Res** 1984;24(10):1133–40

Stereopsis during continuous head motion. Patterson R, et al. **Vision Res** 1984;24(12):2001–3

Responses of neurons in visual cortex (V1 and V2) of the alert macaque to dynamic random-dot stereograms. Poggio GF, et al. **Vision Res** 1985;25(3):397–406

The effect of perceived depth and connectedness on metacontrast functions. Williams MC, et al. **Vision Res** 1984;24(10):1279–88

[Detection of stereopsis by recording of visual evoked cortical potentials] Teping C, et al. **Fortschr Ophthalmol** 1984;81(5):480–2 (Eng. Abstr.) (Ger)

[Studies of stereoptic VEPs with static random-dot stereograms—stimulus parameters] Hamada T, et al. **Nippon Ganka Gakkai Zasshi** 1985 Apr;89(4):582–8 (Eng. Abstr.) (Jpn)

[Characteristics of depth vision in perceiving the relative movement of objects] Zhuchenko IP. **Fiziol Cheloveka** 1984 Jan–Feb;10(1):168–9 (Rus)

DEQUALINIUM see under **QUINOLINIUM COMPOUNDS**

DERCUM'S DISEASE see **ADIPOSIS DOLOROSA**

DERMABRASION

The treatment of leukoderma after burns by a combination of dermabrasion and 'chip' skin grafting. Harashina T, et al. **Br J Plast Surg** 1985 Jul;38(3):301–5

Treatment of osteoma cutis. Wilhelmsen HR, et al. **Cutis** 1984 May;33(5):481, 483

Skin refrigerants [letter] Frost J. **J Dermatol Surg Oncol** 1984 Nov;10(11):911

Laboratory evaluation of skin refrigerants used in dermabrasion. Hanke CW, et al. **J Dermatol Surg Oncol** 1985 Jan;11(1):45–9

Dermabrasion for the treatment of a giant seborrheic keratosis. Pepper E. **J Dermatol Surg Oncol** 1985 Jun;11(6):646–7

Acne, retinoids, and dermabrasion. Roenigk HH Jr, et al. **J Dermatol Surg Oncol** 1985 Apr;11(4):396–8

Dermabrasion in facial surgery. Farrior RT. **Laryngoscope** 1985 May;95(5):534–45

[Histology of dermabrasion in giant nevi] Tritsch H. **Z Hautkr** 1985 Jan;60(1–2):47–54 (Eng. Abstr.) (Ger)

[Dermabrasion—indications, technic, possibilities, complications] Halber S, et al. **Z Lymphol** 1985 Jun;9(1):38–41 (Ger)

ADVERSE EFFECTS

Activation of herpes simplex following dermabrasion. Report of a patient successfully treated with intravenous acyclovir and brief review of the literature. Silverman AK, et al. **J Am Acad Dermatol** 1985 Jul;13(1):103–8

Skin refrigerants [letter] **J Dermatol Surg Oncol** 1985 Jan;11(1):8–9

Cutaneous candidosis as a complication of facial dermabrasion. Siegle RJ, et al. **J Dermatol Surg Oncol** 1984 Nov;10(11):891–5

Pigmentation after dermabrasion: an avoidable complication. Ship AG, et al. **Plast Reconstr Surg** 1985 Apr;75(4):528–32

INSTRUMENTATION

A new system of dermatomes. Rosenberg L. **Plast Reconstr Surg** 1985 May;75(5):743–9

TRENDS

Dermabrasion: state of the art. Roenigk HH Jr. **J Dermatol Surg Oncol** 1985 Mar;11(3):306–14

DERMACENTOR see under **TICKS**

DERMAL SINUS see **NEURAL TUBE DEFECTS**

DERMATAN SULFATE see under **CHONDROITIN**

DERMATITIS

BLOOD

Polymorphonuclear leukocyte accumulation in inflammatory dermal sites as measured by 51Cr-labeled cells and myeloperoxidase. Lundberg C, et al. **Inflammation** 1983 Sep;7(3):247–55

COMPLICATIONS

Ocular complications of atopic dermatitis and other eczemas. Rich LF, et al. **Int Ophthalmol Clin** 1985 Spring;25(1):61–76

DIAGNOSIS

Papulovesicular acrolocalized syndrome. Paltzik RL, et al. **Cutis** 1985 Apr;35(4):362–3

Pattern method in the diagnosis of inflammatory skin disease [letter] Smith RM 3d. **Hum Pathol** 1984 Oct;15(10):1004

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 27–1985. A 38-year-old veterinarian with headache, fever, and bilateral pulmonary infiltrates. **N Engl J Med** 1985 Jul 4;313(1):36–42

Office laboratory diagnosis of skin and soft tissue infections. Todd JK. **Pediatr Infect Dis** 1985 Jan–Feb;4(1):84–7

DRUG THERAPY

A dermatitis-eosinophilia syndrome. Treatment with methylprednisolone pulse therapy. Dahl MV, et al. **Arch Dermatol** 1984 Dec;120(12):1595–7

Zinc and cutaneous inflammation. Norris D. **Arch Dermatol** 1985 Aug;121(8):985–9 (50 ref.)

Ibuprofen in the treatment of UV-B-induced inflammation. Stern RS, et al. **Arch Dermatol** 1985 Apr;121(4):508–12

The use of topical corticosteroids in dermatology. Shapiro SC. **Ariz Med** 1984 Sep;41(9):593–4

The effect of BW 540C, a novel anti-inflammatory agent, on ultraviolet-induced physical and histological changes in guinea-pig skin. Dawson B, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:137–40

[Beneficial effects of silver sulfadiazine in inflammatory or highly infected lesions excluding burns] Mole B, et al. **Ann Chir Plast Esthet** 1984;29(4):389–91 (Eng. Abstr.) (Fre)

[Limitations of indications of clotrimazole-hydrocortisone and its components. A double-blind study] Szarmach H, et al. **Arzneimittelforsch** 1984;34(8):927–30 (Eng. Abstr.) (Ger)

[Principles of topical glucocorticoid therapy in dermatology] Haustein UF. **Dermatol Monatsschr** 1985;171(1):14–24 (Eng. Abstr.) (Ger)

[Current status of external corticosteroid therapy] Gloor M. **Fortschr Med** 1985 Feb 7;103(5):82–6 (Eng. Abstr.) (Ger)

[Effect of a betamethasone-dimethidine-maleate combination on dermatologic diseases. Determination of plasma cortisol levels before, during and after several days' therapy] Venitz J, et al. **Fortschr Med** 1984 Sep 20;102(35):882–4 (Eng. Abstr.) (Ger)

[Alternating administration in external therapy with corticosteroids in daily practice] Lohfink HD, et al. **Z Arztl Fortbild (Jena)** 1984;78(17):721–3 (Ger)

[Comparative testing of Kamillosan cream and steroidal (0.25% hydrocortisone, 0.75% fluocortin butyl ester) and non-steroidal (5% bufexamac) dermatologic agents in maintenance therapy of eczematous diseases] Aertgeerts P, et al. **Z Hautkr** 1985 Feb 1;60(3):270–7 (Eng. Abstr.) (Ger)

[Efficacy and safety of topical 0.05% diflorasone diacetate (florone) cream/ointment in patients with acute/chronic dermatitis] Schneider WD. **Z Hautkr** 1984 Oct 1;59(19):1312, 1319–22 (Eng. Abstr.) (Ger)

[Use of collagenases and non-specific proteases in the treatment of necrotic ulcerative dermatitis] Graifemberghi S, et al. **Clin Ter** 1984 Aug 31;110(4):359–62 (Eng. Abstr.) (Ita)

[Clinical and bacteriological evaluation of TMS-19-Q in superficial suppurative skin and soft tissue infection] Watanabe S, et al. **Jpn J Antibiot** 1985 Mar;38(3):575–94 (Eng. Abstr.) (Jpn)

[Fundamental and clinical studies of a sustained release preparation of cefaclor in the surgical field] Yura J, et al. **Jpn J Antibiot** 1985 Mar;38(3):859–68 (Eng. Abstr.) (Jpn)

[Current methods of treating perioral dermatitis] Khrunova AP, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):26–30 (68 ref.) (Rus)

[Experience in the treatment of rosacea and perioral dermatitis with trichopol] Shakhnes IE, et al. **Vestn Dermatol Venerol** 1985 Mar;(3):55–8 (Eng. Abstr.) (Rus)

ETIOLOGY

Sweet's syndrome and pyoderma gangrenosum associated with ulcerative colitis. Benton EC, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):77–80

Erythroderma with spongiotic dermatitis. Association with common variable hypogammaglobulinemia. White WB, et al. **Am J Med** 1985 Mar;78(3):523–8

Hot tub-associated dermatitis due to Pseudomonas aeruginosa. Case report and review of the literature. Chandrasekar PH, et al. **Arch Dermatol** 1984 Oct;120(10):1337–40

Legionnaires' disease associated with rash and renal failure. Allen TP, et al. **Arch Intern Med** 1985 Apr;145(4):729–30

Postgastrectomy blind loop syndrome and the arthritis-dermatitis syndrome. Klinkhoff AV, et al. **Arthritis Rheum** 1985 Feb;28(2):214–7

Northern fowl mite dermatitis [letter] Congly H. **Can Med Assoc J** 1985 Apr 1;132(7):738

How safe is diagnostic ultrasonography? [letter] Ingber A, et al. **Can Med Assoc J** 1985 Apr 1;132(7):735

Necrolytic migratory erythema-like dermatitis with malabsorption. Ranchoff RE, et al. **Cleve Clin Q** 1985 Spring;52(1):81–5

Clinical syndromes caused by staphylococcal epidermolytic toxin. Edlich RF, et al. **Compr Ther** 1985 Apr;11(4):45–8

Skin diseases: current concepts, therapy. 3. Inflammation. Potter B. **Indiana Med** 1985 Aug;78(8):692–4

Dermatitis artefacta. Van Moffaert M, et al. **Int J Dermatol** 1985 May;24(4):236–8

Dermatitis from cashew nuts [letter] Behl PN. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):117

Infantile multisystem inflammatory disease: a specific syndrome? Yarom A, et al. **J Pediatr** 1985 Mar;106(3):390–6

Zinc deficiency in surgical patients: a clinical study. Fawaz F. **JPEN J Parenter Enteral Nutr** 1985 May–Jun;9(3):364–9

[Update on cutaneous allergics] Marcoux D, et al. **Union Med Can** 1985 Jan;114(1):28–9, 33–6 (Eng. Abstr.) (Fre)

[Peristomal dermatitis. Etiopathogenetic, clinical and therapeutic considerations apropos of 102 cases] Cola B, et al. **Minerva Chir** 1984 Nov 30;39(22):1565–70 (Eng. Abstr.) (Ita)

[Complications of the cutaneous stoma in urinary diversion] Hernández Fernández C, et al. **Arch Esp Urol** 1984 Sep–Oct;37(5):393–7 (Eng. Abstr.) (Spa)

IMMUNOLOGY

Occurrence of factor VIII-related antigen positive cells in perivascular infiltrates of venous stasis dermatitis. Beranek JT, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:128–32

Studies of human C5a as a mediator of inflammation in normal human skin. Yancey KB, et al. **J Clin Invest** 1985 Feb;75(2):486–95

Acne-like chronic inflammatory activity of Propionibacterium acnes preparations in an animal model: correlation with ability to stimulate the reticuloendothelial system. De Young LM, et al. **J Invest Dermatol** 1985 Sep;85(3):255–8

Transient absence of C5a-specific neutrophil function in inflammatory disorders of the skin. Schröder JM, et al. **J Invest Dermatol** 1985 Sep;85(3):194–8

METABOLISM

A role for Paf-acether (platelet-activating factor) in acute skin inflammation? Pirotzky E, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:91–4

Vulnerability of the skin to surfactants in different groups of eczema patients and controls as measured by water vapour loss. van der Valk PG, et al. **Clin Exp Dermatol** 1985 Mar;10(2):98–103

[Studies on anti-ulcerogenic protein in inflamed rabbit skin tissues. III. Anti-ulcerogenic peptide (Gly-Ser-His-Lys) obtained from tissues infected with vaccinia virus] Aonuma S, et al. **Yakugaku Zasshi** 1984 Apr;104(4):362–73 (Eng. Abstr.) (Jpn)

MICROBIOLOGY

The absence of dengue virus in the skin lesions of dengue fever. de Andino RM, et al. **Int J Dermatol** 1985 Jan–Feb;24(1):48–51

[An evaluation of the pathogenicity of Bacteroides fragilis in the intracutaneous infection of the guinea-pig] Nasu M, et al. **Kansenshogaku Zasshi** 1984 Jun;58(6):512–7 (Eng. Abstr.) (Jpn)

PATHOLOGY

Polymorphonuclear leucocyte accumulation in inflammatory dermal sites measured by a novel neutrophil specific marker protein. Paterson DS, et al. **Agents Actions** 1985 Mar;16(1–2):45

The value of biopsy in inflammatory skin diseases. Steffen C. **Am Fam Physician** 1985 Jan;31(1):197–8

An algorithmic method for histologic diagnosis of inflammatory and neoplastic skin diseases by analysis of their patterns. Ackerman AB. **Am J Dermatopathol** 1985 Apr;7(2):105–7

On the concept of distinctive exudative discoid and lichenoid chronic dermatosis (Sulzberger-Garbe). Is it nummular dermatitis? Stevens DM, et al. **Am J Dermatopathol** 1984 Aug;6(4):387–95

Bilateral chondrodermatitis helicis: case presentation and literature review. Cannon CR. **Am J Otol** 1985 Mar;6(2):164–6

Fibronectin. Localization in normal human skin, granulation tissue, hypertrophic scar, mature scar, progressive systemic sclerotic skin, and other fibrosing dermatoses. Nagata H, et al. **Arch Dermatol** 1985 Aug;121(8):995–9

Inflammatory cell accumulation in response to intracutaneous Paf-acether: a mediator of acute and persistent inflammation? Archer CB, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:133–5

Studies of the clinically uninvolved skin in patients with dermatitis. Al-Jaberi H, et al. **Br J Dermatol** 1984 Oct;111(4):437–43

The role of circulating cells in skin reactions. Morley J, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:86–90

Lichen aureus: a localized persistent form of pigmented purpuric dermatitis. Price ML, et al. **Br J Dermatol** 1985 Mar;112(3):307–14

Infantile gluteal granulomata—case report. Lovell CR, et al. **Clin Exp Dermatol** 1984 Sep;9(5):522–5

An early picture of Pagetoid reticulosis. Naito Y, et al. **Dermatologica** 1984;169(4):203–6

Uniform vascular response to different aetiological factors [letter] Beranek JT, et al. **Histopathology** 1985 Jun;9(6):671–3

Abnormal regulation of inflammatory skin responses in male patients with chronic granulomatous disease. Gallin JI, et al. **Inflammation** 1983 Sep;7(3):227–32

Self-healing juvenile cutaneous mucinosis. Pucevich MV, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 2):327–32

Early diagnosis of Mycosis fungoides: vacuolar interface dermatitis. Everett MA. **J Cutan Pathol** 1985 Jun–Aug; 12(3–4):271–8

Glucagonoma syndrome: case report and literature review. Parker CM, et al. **J Dermatol Surg Oncol** 1984 Nov; 10(11):884–9

Dermatitis cruris pustulosa et atrophicans: case reports. Ting HC. **Med J Malaysia** 1984 Mar;39(1):82–4

PREVENTION & CONTROL

Clobetasol propionate ointment reduces inflammation after cryotherapy. Hindson TC, et al. **Br J Dermatol** 1985 May; 112(5):599–602

PSYCHOLOGY

The psychiatric significance of dermatitis artefacta. Haenel T, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(1):38–41

Alcohol intake of patients with psoriasis and dermatitis. Carmichael MM, et al. **Health Bull (Edinb)** 1984 Sep; 42(5):258–62

VETERINARY

Immunisation of sheep against experimental Pseudomonas aeruginosa dermatitis and fleece–rot associated body strike. Burrell DH. **Aust Vet J** 1985 Feb;62(2):55–7

A disease resembling sweet itch in Hong Kong. Baker KP, et al. **Equine Vet J** 1984 Sep;16(5):467–8

Subcutaneous dermatophilosis in a cat. Carakostas MC, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):675–6

Double–blind flea hyposensitization trial in cats. Kunkle GA, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):677–80

Dermatophilosis in a mule deer, Odocoileus hemionus (Rafinesque), from Wyoming. Williams ES, et al. **J Wildl Dis** 1984 Jul;20(3):236–8

Pathology of an ulcerative dermatitis in Belgian Landrace sows. Coignoul FL, et al. **Vet Pathol** 1985 Jul;22(4):306–10

Demodicosis of an African buffalo (Syncerus caffer caffer) in captivity. Bukva V, et al. **Zentralbl Veterinarmed [B]** 1984 Sep;31(8):627–33

[Biological properties, phage typing and antimicrobial susceptibility of Staphylococcus aureus isolated from dermatitis in laboratory mice] Shimizu A, et al. **Jikken Dobutsu** 1985 Apr;34(2):155–63 (Eng. Abstr.) **(Jpn)**

[An outbreak of staphylococcal dermatitis in laboratory mice] Tamura H, et al. **Jikken Dobutsu** 1985 Apr;34(2):147–54 (Eng. Abstr.) **(Jpn)**

DERMATITIS, ATOPIC

Prognostic factors in atopic dermatitis. Rystedt I. **Acta Derm Venereol (Stockh)** 1985;65(3):206–13

Papers dedicated to Georg Rajka, professor of dermatology and venereology, University of Oslo, The National Hospital in celebration of his sixtieth anniversary. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:1–164

BLOOD

Low serum zinc in children with atopic eczema. David TJ, et al. **Br J Dermatol** 1984 Nov;111(5):597–601

[Comparative characteristics of the changes in the concentrations of sugar, insulin, glucagon and cortisol of the blood in atopic dermatitis and eczema patients] Obukhova NN. **Vestn Dermatol Venerol** 1985 Apr;(4):36–40 **(Rus)**

CHEMICALLY INDUCED

Leukocyte procoagulant activity as an in vitro index of nickel contact hypersensitivity. Aldridge RD, et al. **Int Arch Allergy Appl Immunol** 1985;76(4):350–3

Allergic skin reactions to piperacillin in patients with acute leukaemia [letter] Mead GM, et al. **Lancet** 1985 Aug 31; 2(8453):499

[Allergic contact eczema caused by isothiazolin–3–one derivatives] Foussereau J, et al. **Derm Beruf Umwelt** 1984; 32(6):208–11 (Eng. Abstr.) **(Ger)**

[Case of erythroderma after metal osteosynthesis] Il'in II, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):60–1 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Skin reactions to foods in patients with atopic dermatitis. Benton EC, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:129–32

Role of some infectious agents in atopic dermatitis. Bonifazi E, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985; 114:98–100

Viral infections in atopic dermatitis. Strannegård O, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:121–4

Herpes simplex infections in atopic eczema. David TJ, et al. **Arch Dis Child** 1985 Apr;60(4):338–43

The prevalence of accentuated palmoplantar markings and keratosis pilaris in atopic dermatitis, autosomal dominant ichthyosis and control dermatological patients. Mevorah B, et al. **Br J Dermatol** 1985 Jun;112(6):679–85

Extensive pityriasis alba and atopic dermatitis [letter] Wolf R, et al. **Br J Dermatol** 1985 Feb;112(2):247

Work–related hand eczema in atopics. Rystedt I. **Contact Dermatitis** 1985 Mar;12(3):164–71

Factors influencing the occurrence of hand eczema in adults with a history of atopic dermatitis in childhood. Rystedt I. **Contact Dermatitis** 1985 Apr;12(4):185–91

Atopic cataracts in a Japanese population. With special reference to factors possibly relevant to cataract formation. Uehara M, et al. **Dermatologica** 1985;170(4):180–4

Ocular complications of atopic dermatitis and other eczemas. Rich LF, et al. **Int Ophthalmol Clin** 1985 Spring;25(1):61–76

A cutaneous sign of bulimia [letter] Schwartz BK, et al. **J Am Acad Dermatol** 1985 Apr;12(4):725–6

Severe atopic eczema, recurrent pneumococcal meningitis and recurrent eczema herpeticum. David TJ, et al. **J R Soc Med** 1984 Aug;77(8):696–7

Bowenoid papulosis of the genitalia associated with human papillomavirus DNA type 16 in an infant with atopic dermatitis. Breneman DL, et al. **Pediatr Dermatol** 1985 Jul; 2(4):297–301

Atopic dermatitis. Retinal detachment associated with atopic dermatitis. Katsura H, et al. **Retina** 1984 Summer–Fall; 4(3):148–51

[Atopic cataract] Aalders–Deenstra V, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:305–10 **(Fre)**

[Asthma in Netherton's syndrome, clinical study and physiopathological perspectives] Ben Kheder A, et al. **Tunis Med** 1984 May–Jun;62(3):235–9 (Eng. Abstr.) **(Fre)**

[Nickel sensitivity in an atopic patient] Rampoldi R, et al. **Med Cutan Ibero Lat Am** 1984;12(5):409–12 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Patch test reactions in atopic patients. Marghescu S. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:113–6

Long term follow–up in atopic dermatitis. Rystedt I. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:117–20

A diagnostic tool for atopic dermatitis based on clinical criteria. Svensson A, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:33–40

Primary and secondary sites of occupational contact dermatitis. Meneghini CL, et al. **Derm Beruf Umwelt** 1984; 32(6):205–7

The value of a mixture of cassia and citronella oils for detection of hypersensitivity of essential oils. Rudzki E, et al. **Derm Beruf Umwelt** 1985;33(2):59–62

Neonatal seborrheic dermatitis [letter] Leung AK. **West J Med** 1985 Apr;142(4):558

[Allergic dermatoses. 6. Bullous allergic exanthemas] Marghescu S. **Fortschr Med** 1984 Aug 30; 102(31–32):799–801 **(Ger)**

DIET THERAPY

Antigen–free diet in adult patients with atopic dermatitis. A double–blind controlled study. Munkvad M, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):524–8

Anaphylactic shock during elimination diets for severe atopic eczema. David TJ. **Arch Dis Child** 1984 Oct;59(10):983–6

The role of diet in the management of atopic eczema. Price ML. **Hum Nutr Appl Nutr** 1984 Dec;38(6):409–15

[Therapeutic efficacy of an exclusion diet in atopic dermatitis. Comparison of the results obtained with the same diet in the presence and absence of lamb meat] Mangili G, et al. **Minerva Pediatr** 1984 Nov 15;36(21):1095–9 (Eng. Abstr.) **(Ita)**

DRUG THERAPY

Treatment of atopic dermatitis with steroids. Marghescu S. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:157–8

Oral sodium cromoglycate treatment of atopic dermatitis related to food allergy. Daugbjerg PS, et al. **Allergy** 1984 Oct;39(7):535–41

Treatment of psoriasis with Clinitar Cream. A controlled clinical trial. Niordson AM, et al. **Br J Clin Pract** 1985 Feb;39(2):67–8, 72

Topical sodium cromoglycate in the management of atopic eczema—a controlled trial. Ariyanayagam M, et al. **Br J Dermatol** 1985 Mar;112(3):343–8

Combined oral and nasal beclomethasone diproprionate in children with atopic eczema: a randomised controlled trial. Heddle RJ, et al. **Br Med J [Clin Res]** 1984 Sep 15; 289(6446):651–4

Medication for the flight deck [letter] Takahashi GY. **Can Med Assoc J** 1985 Feb 1;132(3):234

A comparative study of amcinonide and halcinonide in the treatment of eczematous dermatitis. Bickers DR. **Cutis** 1984 Aug;34(2):190–4

Adrenocortical function during prolonged treatment with clobetasone butyrate in children with chronic atopic dermatitis and elevated IgE levels. Boner AL, et al. **Int J Clin Pharmacol Res** 1985;5(2):127–31

Hypothalamic–pituitary–adrenal function in children with atopic dermatitis treated with clobetasone butyrate and its clinical evaluation. Boner AL, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Feb;23(2):118–20

Alclometasone dipropionate cream 0.05% versus clobetasone butyrate cream 0.05%. A controlled clinical comparison in the treatment of atopic dermatitis in children. Lassus A. **Int J Dermatol** 1984 Oct;23(8):565–6

Halomethasone (C 48.401–Ba) for the topical treatment of common dermatoses. de la Brassine M, et al. **J Int Med Res** 1984;12(5):307–9

Hydrocortisone 17–butyrate (Locoid) 0.1% cream versus hydrocortisone (Uniderm) 1% cream in the treatment of children suffering from atopic dermatitis. Veien NK, et al. **J Int Med Res** 1984;12(5):310–3

Efficacy versus systemic effects of six topical steroids in the treatment of atopic dermatitis of childhood. Queille C, et al. **Pediatr Dermatol** 1984 Jan;1(3):246–53

[Antiallergic effect of oral calcium. A clinico–experimental study] Haas PJ. **Fortschr Med** 1985 Mar 28;103(12):328–30 (Eng. Abstr.) **(Ger)**

[Therapy of atopic eczema] Braun–Falco O, et al. **Hautarzt** 1984 Sep;35(9):447–54 (Eng. Abstr.) **(Ger)**

[Disodium cromoglycate in atopic dermatitis: Double–blind therapeutic experience] Giannetti A, et al. **G Ital Dermatol Venereol** 1984 Sep–Oct;119(5):365–7 (Eng. Abstr.) **(Ita)**

[Treatment of atopic dermatitis with sodium cromoglycate in children not selected for food allergy] Boner AL, et al. **Minerva Pediatr** 1985 Mar 31;37(5–6):263–8 (Eng. Abstr.) **(Ita)**

[Use of proteinase inhibitors on patients with different clinico–morphological forms of atopic dermatitis] Glukhen'kii BT, et al. **Vestn Dermatol Venerol** 1985 Jan; (1):53–6 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Adenylate cyclase activity in mononuclear leucocytes from patients with atopic dermatitis. Holden CA, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:149–51

ETIOLOGY

Eczema in primary immune–deficiencies. Clues to the pathogenesis of atopic dermatitis with special reference to the Wiskott–Aldrich syndrome. Saurat JH. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:125–8

Pityrosporum orbiculare—a pathogenic factor in atopic dermatitis of the face, scalp and neck? Waersted A, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:146–8

Atopy after bone marrow transplantation [letter] Chalmers RJ, et al. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):792

Contact dermatitis in children. Zugerman C. **Compr Ther** 1984 Nov;10(11):29–36

Dermal hypersensitivity reactions to imported fire ants. deShazo RD, et al. **J Allergy Clin Immunol** 1984 Dec; 74(6):841–7

Unusual reaction to B.C.G. [letter] Renukarya MB. **J Assoc Physicians India** 1984 Jul;32(7):613

Extrinsic factors in atopic eczema. Heddle RJ. **Med J Aust** 1984 Sep 1;141(5 Suppl):S32–3

[Acute eczema following insertion of a copper intrauterine device (letter)] Hardel PJ, et al. **Presse Med** 1984 Sep 15; 13(31):1900–1 **(Fre)**

[Allergic dermatoses. 4: Hemorrhagic allergic exanthemas] Marghescu S. **Fortschr Med** 1984 Jul 26;102(27–28):732–4 **(Ger)**

[Allergic dermatoses. 7: Allergic contact eczema] Marghescu S. **Fortschr Med** 1984 Sep 13;102(34):848–9 **(Ger)**

[Atopic dermatitis in the breast–fed child] De Seta L, et al. **Minerva Pediatr** 1985 Jan 31;37(1–2):59–65 (Eng. Abstr.) **(Ita)**

[Allergens causing skin changes in dogs and humans. II. Inhaled allergens] Pomorski Z, et al. **Przegl Dermatol** 1985 Jan–Feb;72(1):27–30 (Eng. Abstr.) **(Pol)**

[Allergens causing skin changes in dogs and humans. I. Food allergens] Pomorski Z, et al. **Przegl Dermatol** 1985 Jan–Feb; 72(1):21–5 (Eng. Abstr.) **(Pol)**

[Skin changes in lambliasis. Preliminary report] Ratka P, et al. **Przegl Dermatol** 1984 Sep–Oct;71(5):437–41 (Eng. Abstr.) **(Pol)**

[Current problems of pediatric allergology] Balabolkin II. **Vestn Akad Med Nauk SSSR** 1985;(6):45–9 (Eng. Abstr.) **(Rus)**

[Toxico–allergic reaction to wasp venom] Rogov VD. **Vestn Dermatol Venerol** 1985 Feb;(2):60–1 (Eng. Abstr.) **(Rus)**

[Toxicoderma caused by sweet red pepper] Rogov VD. **Vestn Dermatol Venerol** 1985 May;(5):53–4 **(Rus)**

[Occupational allergic dermatitis in tannery workers] Shadiev KhSh. **Vestn Dermatol Venerol** 1985 Feb;(2):56–9 (Eng. Abstr.) **(Rus)**

[Cutaneous hirudiniasis] Tsyrkunov LP, et al. **Vestn Dermatol Venerol** 1984 Nov;(11):53–6 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

Atopic dermatitis in a population based twin series. Concordance rates and heritability estimation. Schultz Larsen FV, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985; 114:159

Netherton's syndrome. Report of a case and review of the literature. Greene SL, et al. **J Am Acad Dermatol** 1985 Aug;13(2 Pt 2):329–37

Elevated umbilical cord blood leukocyte cyclic adenosine monophosphate–phosphodiesterase activity in children with atopic parents. Heskel NS, et al. **J Am Acad Dermatol** 1984 Sep;11(3):422–6

IMMUNOLOGY

T-cell subsets in patients with mild and severe atopic dermatitis. Braathen LR. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:133–6

Basophil histamine release in atopic dermatitis and its relationship to disordered cyclic nucleotide metabolism. Butler JM, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985; 114:55–60

Lymphocyte and monocyte localization of altered adrenergic receptors, cAMP responses, and cAMP phosphodiesterase in atopic dermatitis. A possible mechanism for abnormal radiosensitive helper T cells in atopic dermatitis. Cooper KD, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985; 114:41–7

Enzyme-linked immunosorbent assay (ELISA) for isotype-specific quantitation of antibodies to Staphylococcus aureus in patients with atopic dermatitis. Gabrielsen TO, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:61–6

The immune response to S. aureus in atopic dermatitis. Hauser C, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985; 114:101–4

Reduction of active natural killer cells in patients with atopic dermatitis estimated at the single cell level. Jensen JR. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:105–8

Involvement of complement in atopic dermatitis. Kapp A, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:152–4

Allergy to hen's egg white in atopic dermatitis. Langeland T. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:109–12

Correlation between clinical and immunological findings in atopic dermatitis. Meneghini CL, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:140–2

Studies of HLA-ABC and DR antigens in pure atopic dermatitis and atopic dermatitis combined with allergic respiratory disease. Svejgaard E, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:72–6

Delayed type hypersensitivity in atopic dermatitis. Young E, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985; 114:77–81

Immunologic parameters in atopic dermatitis. Rodríguez A, et al. **Allergol Immunopathol (Madr)** 1985 May–Jun; 13(3):241–8

Preliminary report on histamine release, circulating immune complexes, and complement activation in children with atopic dermatitis after oral challenge with milk and egg antigens. Boner AL, et al. **Ann Allergy** 1985 May; 54(5):442–5

Characterization of T cell subsets in patients with atopic dermatitis using OKT monoclonal antibodies. Miadonna A, et al. **Ann Allergy** 1985 Apr;54(4):321–4

IgE antibodies to Staphylococcus aureus. Prevalence in patients with atopic dermatitis. Friedman SJ, et al. **Arch Dermatol** 1985 Jul;121(7):869–72

Involvement of complement in psoriasis and atopic dermatitis—measurement of C3a and C5a, C3, C4 and C1 inactivator. Kapp A, et al. **Arch Dermatol Res** 1985; 277(5):359–61

Cell-mediated immune responses in atopic dermatitis: the relevance of antigen-presenting cells. Zachary CB, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:10–6

Deficient concanavalin-A-induced suppressor-cell activity in patients with bronchial asthma, allergic rhinitis and atopic dermatitis. Hwang KC, et al. **Clin Allergy** 1985 Jan; 15(1):67–72

Natural-killer-cell activity in atopic dermatitis. Lever RS, et al. **Clin Allergy** 1984 Sep;14(5):483–90

Specific IgE to food and inhalant allergens in intestinal washings of children affected by atopic eczema. Marcucci F, et al. **Clin Allergy** 1985 Jul;15(4):345–54

IgE and IgG4 antibodies to bovine milk fat globule membrane in atopic eczema patients: a study of their occurrence, relevance and antigenic specificity. Shakib F, et al. **Clin Allergy** 1985 May;15(3):265–71

Serum IgG antibodies to gliadin and other dietary antigens in adults with atopic eczema. Finn R, et al. **Clin Exp Dermatol** 1985 May;10(3):222–8

Natural killer cell function in atopic dermatitis. Larsen FS, et al. **Clin Exp Dermatol** 1985 Mar;10(2):104–10

Allergen specific IgGd antibodies in dogs with atopic dermatitis as determined by the enzyme linked immunosorbent assay (ELISA). Willemse A, et al. **Clin Exp Immunol** 1985 Feb;59(2):359–63

Immune response to Staphylococcus aureus in atopic dermatitis. Hauser C, et al. **Dermatologica** 1985; 170(3):114–20

Contact sensitivity in children and adults with atopic dermatitis—a chronological study. Lisi P, et al. **Dermatologica** 1985;171(1):1–7

Characterization of cellular infiltrates in skin lesions of atopic eczema by means of monoclonal antibodies. Rocha C, et al. **Dermatologica** 1984;169(6):330–8

Effects of thymopoietin pentapeptide (TP-5) on in vitro and in vivo IgE production by atopic dermatitis cell subsets. Cooper KD, et al. **Diagn Immunol** 1983;1(3):211–5

Evidence for circulating complexes containing IgE in patients with atopic dermatitis. Swainson JA, et al. **Int Arch Allergy Appl Immunol** 1985;76(3):237–42

Elevated IgG immune complexes in children with atopic eczema. Ferguson AC, et al. **J Allergy Clin Immunol** 1984 Nov;74(5):678–82

Anti-IgE autoantibody in patients with atopic dermatitis. Nawata Y, et al. **J Immunol** 1985 Jul;135(1):478–82

Immunopharmacology of the atopic diseases. Hanifin JM, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):161s–166s

Cutaneous basophil hypersensitivity to inhalant allergens in atopic dermatitis patients: elicitation of delayed responses containing basophils following local transfer of immune serum but not IgE antibody. Mitchell EB, et al. **J Invest Dermatol** 1984 Oct;83(4):290–5

The role of IgE in atopic diseases. Wolf R. **Med Hypotheses** 1984 Aug;14(4):353–5

Lymphocyte transformation tests and subpopulations of lymphocytes in a population-based material of atopic dermatitis in twins. Schultz Larsen F, et al. **Scand J Immunol** 1985 Apr;21(4):375–81

[Immunologic principles of allergic contact eczema] Knop J. **Hautarzt** 1984 Dec;35(12):617–22 (Eng. Abstr.) (Ger)

[Circulating immune complexes, specific IgE against food and inhalation allergens, serum histamine levels and disorders of intestinal permeability in atopic patients before and after test meals] Ionescu G, et al. **Immun Infekt** 1985 Jul;13(4):147–55 (Eng. Abstr.) (Ger)

[Provocation of atopic dermatitis by intestinal candida mycosis] Menzel I. **Z Hautkr** 1984 Nov 1;59(21):1463–8 (Eng. Abstr.) (Ger)

[T-lymphocyte populations defined by monoclonal antibodies in children with atopic dermatitis] Chiarelli F, et al. **Minerva Pediatr** 1985 Feb 15;37(3):113–6 (Eng. Abstr.) (Ita)

METABOLISM

Altered releasability of vasoactive mediator secreting cells in atopic eczema. Ring J, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:9–23 (96 ref.)

Atopic dermatitis and essential fatty acids: a biochemical basis for atopy? Wright S. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:143–5

Intestinal permeability in patients with atopic eczema. Bjarnason I, et al. **Br J Dermatol** 1985 Mar;112(3):291–7

Dermal deposition of eosinophil-granule major basic protein in atopic dermatitis. Comparison with onchocerciasis. Leiferman KM, et al. **N Engl J Med** 1985 Aug 1; 313(5):282–5

MICROBIOLOGY

Staphylococcus aureus skin colonization in atopic dermatitis patients. Hauser C, et al. **Dermatologica** 1985;170(1):35–9

OCCURRENCE

A prospective computerized study of 500 cases of atopic dermatitis in childhood. I. Initial analysis of 250 parameters. Queille-Roussel C, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:87–92

Atopic background in patients with occupational hand eczema. Rystedt I. **Contact Dermatitis** 1985 May; 12(5):247–54

PATHOLOGY

Clinical and histological features of dry skin in atopic dermatitis. Uehara M. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:82–6

Epidermal changes in atopic dermatitis. van Neste D, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:67–71

The cutaneous reaction to staphylococcal protein A in normal subjects and patients with atopic dermatitis or psoriasis. White MI, et al. **Br J Dermatol** 1985 Aug; 113(2):179–83

In situ quantification of T-lymphocyte subsets and Langerhans cells in the inflammatory infiltrate of atopic eczema. Zachary CB, et al. **Br J Dermatol** 1985 Feb; 112(2):149–56

Infantile acropustulosis. McFadden N, et al. **Cutis** 1985 Jul; 36(1):49–51

Phosphodiesterase inhibition by Ro 20-1724 reduces hyper-IgE synthesis by atopic dermatitis cells in vitro. Cooper KD, et al. **J Invest Dermatol** 1985 Jun;84(6):477–82

[Irritant effect of tensides on occupational dermatitis patients in hairdressing and nursing occupations. Comparative studies of healthy persons and neurodermatitis patients] Gloor M, et al. **Derm Beruf Umwelt** 1985;33(3):86–9 (Eng. Abstr.) (Ger)

PHYSIOPATHOLOGY

Vascular effects of a local anesthetic mixture in atopic dermatitis. Juhlin L, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):439–40

Transepidermal water loss in dry and clinically normal skin in patients with atopic dermatitis. Werner Y, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):102–5

Adrenoceptor function in atopic dermatitis: in vitro and in vivo observations. Archer CB, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:93–7

The ectopic eczema story. Oliver R. **Cent Afr J Med** 1984 Aug;30(8):159–60

The role of foods in atopic dermatitis. Meneghini CL, et al. **Int J Dermatol** 1985 Apr;24(3):158–60

[Clinical course of childhood atopic neurodermatitis. A catamnestic study of 121 cases] Schudel P, et al. **Z Hautkr** 1985 Mar 15;60(6):479–86 (Eng. Abstr.) (Ger)

PREVENTION & CONTROL

Breast feeding as prophylaxis for atopic eczema: a controlled study of 368 cases. Shohet L, et al. **Acta Paediatr Hung** 1985;26(1):35–9

Infant feeding and subsequent risk of atopic eczema. Moore WJ, et al. **Arch Dis Child** 1985 Aug;60(8):722–6

Controversies in paediatric dermatology. Rasmussen JE. **Australas J Dermatol** 1984 Aug;25(2):37–44 (31 ref.)

PSYCHOLOGY

[Vocational counseling and skin diseases] Kalimo K, et al. **Duodecim** 1985;101(11):1142–9 (Fin)

RADIOTHERAPY

Ultraviolet light therapy in atopic dermatitis. Hannuksela M, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:137–9

REHABILITATION

[Rehabilitation of patients with occupational dermatitis] Skripkin IuK, et al. **Vestn Dermatol Venerol** 1984 Aug; (8):32–5 (Eng. Abstr.) (Rus)

THERAPY

Non-specific immunotherapy and specific hyposensitization in severe atopic dermatitis. Zachariae H, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:48–54

Recent developments in the management of patients with atopic dermatitis. Rasmussen JE. **J Allergy Clin Immunol** 1984 Dec;74(6):771–6

Remission of life-long atopic dermatitis after hyposensitisation to house dust mite. Chait I, et al. **Practitioner** 1985 Jul;229(1405):609, 612

Modern management of atopic eczema. Verbov J. **Practitioner** 1984 Nov;228(1397):1013–7

[Effects of infrared and UVA rays on the human skin and their efficacy in the treatment of atopic dermatitis] Pullmann H, et al. **Z Hautkr** 1985 Jan;60(1–2):171–7 (Eng. Abstr.) (Ger)

[Behavior of eosinophilic granulocytes, total IgE and allergen-specific IgE antibodies in atopic neurodermatitis during hospital treatment in the North Sea climate] Pürschel W, et al. **Z Hautkr** 1985 Apr 15;60(8):661–70 (Eng. Abstr.) (Ger)

[Efficacy of tranilast administration and specific hyposensitization therapy of atopic dermatitis] Gondo A, et al. **Arerugi** 1985 May;34(5):310–9 (Eng. Abstr.) (Jpn)

[Specific immunotherapy of atopic diseases] Romański B. **Pol Tyg Lek** 1984 Jul 30;39(31):1021–6 (Pol)

[Retrospective evaluation of patients with atopic dermatitis] Grubska-Suchanck E, et al. **Przegl Dermatol** 1984 Jul–Aug; 71(4):327–32 (Eng. Abstr.) (Pol)

[Various immunological indicators in patients with atopic dermatitis during reflexotherapy] Sninaev NN, et al. **Vestn Dermatol Venerol** 1985 Feb;(2):39–42 (Eng. Abstr.) (Rus)

VETERINARY

Canine atopic disease: investigations of eosinophils and the nasal mucosa. Willemse A. **Am J Vet Res** 1984 Sep; 45(9):1867–9

Acupuncture for fleabite allergic dermatitis [letter] Craige JE. **J Am Vet Med Assoc** 1985 Jul 15;187(2):127

Atopic dermatitis in Norwegian dogs. Vollset I. **Nord Vet Med** 1985 Mar–Apr;37(2):97–106

DERMATITIS, CONTACT

Sensitivity and subsequent 'down regulation' of sensitivity induced by chlorocresol in guinea pigs. Andersen KE. **Arch Dermatol Res** 1985;277(2):84–7

Immunogenicity and immunosensitivity of a guinea pig B-cell leukemia subline lacking cell surface Ia antigens. Tanio Y, et al. **Cancer Res** 1985 Jan;45(1):143–8

BLOOD

Lymphocyte subsets in patients with compositae oleoresin dermatitis and increased UVA sensitivity during treatment with azathioprine. Baadsgaard O, et al. **Arch Dermatol Res** 1985;277(4):304–6

CHEMICALLY INDUCED

Contact dermatitis to Biobrane. Reed BR, et al. **Plast Reconstr Surg** 1985 Jul;76(1):124–5

[Allergy to hosiery dyes (letter)] Beckmann. **Dtsch Med Wochenschr** 1985 Mar 29;110(13):522 (Ger)

[Additional findings on contact sensitivity of mice induced by toluene diisocyanate (TDI)] Tanaka K, et al. **Arerugi** 1985 Feb;34(2):128–34 (Eng. Abstr.) (Jpn)

COMPLICATIONS

Disuse contractures in a patient with tinea manuum and irritant contact dermatitis. Chapel J, et al. **Cutis** 1985 Jul; 36(1):55

Contact dermatitis in cystic fibrosis. Laufer P, et al. **Cutis** 1985 Jun;35(6):557

Postinflammatory oedema in two patients with contact dermatitis. Effect of benzo-pyrones. Worm AM, et al. **Int J Microcirc Clin Exp** 1984;3(1):41–8

[Contact dermatitis associated with bronchial hyperreactivity in workers chronically exposed to detergents] Wasik F, et al. **Przegl Dermatol** 1984 Mar–Apr;71(2):127–33 (Eng.

Abstr.) (Pol)

DIAGNOSIS

Patch test reactions in atopic patients. Marghescu S. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:113–6

Purpuric vasculitis-like eruption in a patient sensitive to balsam of Peru. Bruynzeel DP, et al. **Contact Dermatitis** 1984 Oct;11(4):207–9

Finn chamber patch test technique. Fischer T, et al. **Contact Dermatitis** 1984 Sep;11(3):137–40

Patch testing with colophony. Fregert S, et al. **Contact Dermatitis** 1984 Sep;11(3):141–3

Disodium cromoglycate inhibits allergic patch test reactions. Meffert H, et al. **Contact Dermatitis** 1985 Jan;12(1):18–20

Patch testing in children. (I) Collective test results; skin testability in children. Pevny I, et al. **Contact Dermatitis** 1984 Oct;11(4):201–6

Prediction of patch test results. Podmore P, et al. **Contact Dermatitis** 1984 Nov;11(5):283–4

Comparison of methods for the macroscopic assessment of epicutaneous allergic contact reactions in guinea pigs. Przybilla B, et al. **Contact Dermatitis** 1984 Oct;11(4):229–35

Reading positive patch test reactions [letter] Serup J. **Contact Dermatitis** 1984 Sep;11(3):194–5

Gold sensitivity blast transformation. Silvennoinen-Kassinen S, et al. **Contact Dermatitis** 1984 Sep;11(3):156–8

Contact and photocontact allergy in persistent light reactivity. Thune P, et al. **Contact Dermatitis** 1984 Aug;11(2):98–107

Primary and secondary sites of occupational contact dermatitis. Meneghini CL, et al. **Derm Beruf Umwelt** 1984;32(6):205–7

Sodium lauryl sulfate irritant patch tests. III. Evaporation of aqueous vehicle influences inflammatory response. Dahl MV, et al. **J Am Acad Dermatol** 1984 Sep;11(3):477–9

Sodium lauryl sulfate irritant patch tests. II. Variations of test responses among subjects and comparison to variations of allergic responses elicited by Toxicodendron extract. Dahl MV, et al. **J Am Acad Dermatol** 1984 Sep;11(3):474–7

Allergic contact dermatitis. Jennings BJ. **J Am Optom Assoc** 1985 Jun;56(6):474–8

A new approach to contact allergenicity screening. Bos JD. **Med Hypotheses** 1984 Oct;15(2):103–8

Norwegian-type scabies mimicking contact dermatitis in an immunosuppressed patient. Wolf R, et al. **Postgrad Med** 1985 Jul;78(1):228–30

[Epicutaneous tests] Hannuksela M. **Duodecim** 1985;101(11):1074–81 (Fin)

[Predictive experimental animal test of contact allergenicity. Relevance of the methods of the OECD and EEC guidelines. The organization for Economic Co-operation and Development] Maurer T, et al. **Derm Beruf Umwelt** 1985;33(1):6–11 (Eng. Abstr.) (Ger)

[Detection of allergy to ethereal oils using balsams of a basic test set] Rudzki E, et al. **Przegl Dermatol** 1984 May-Jun;71(3):215–20 (Eng. Abstr.) (Pol)

[Contact allergy to the rubber cure accelerator, thiohexam] Rudzki E, et al. **Przegl Dermatol** 1984 May-Jun;71(3):221–3 (Eng. Abstr.) (Pol)

[Toxico-hygienic evaluation of zinc dialkyldithiophosphates in oil compositions of lubricating-cooling liquids] Porutskii GV, et al. **Gig Tr Prof Zabol** 1984 Aug;(8):54–5 (Rus)

DIET THERAPY

Dietary treatment of nickel dermatitis. Veien NK, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):138–42

Reduction of intake of balsams in patients sensitive to balsam of Peru. Veien NK, et al. **Contact Dermatitis** 1985 May;12(5):270–3

DRUG THERAPY

Chlorocresol sensitivity induced by treatment of allergic contact dermatitis with steroid creams. Archer CB, et al. **Contact Dermatitis** 1984 Sep;11(3):144–5

Vasoconstrictor and the anti-inflammatory effects of 7 corticosteroids. Crijns MB, et al. **Contact Dermatitis** 1984 Aug;11(2):108–11

5,6-Diaryl-2,3-dihydroimidazo[2,1-b]thiazoles: a new class of immunoregulatory antiinflammatory agents. Bender PE, et al. **J Med Chem** 1985 Sep;28(9):1169–77

[Peroxidation of membrane lipids in experimental photochemotherapy] Akimov VG, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):22–5 (Eng. Abstr.) (Rus)

[Prospects of using licorice root preparations in dermatology] Chebotarev VV. **Vestn Dermatol Venerol** 1985 Feb;(2):61–5 (Eng. Abstr.) (Rus)

ENZYMOLOGY

Impaired histamine metabolism in the Arthus reaction induced in guinea-pig skin. Imamura S, et al. **Arch Dermatol Res** 1985;277(4):313–7

ETIOLOGY

Contact urticaria in laboratory technicians working with animals. Agrup G, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):111–5

Single exposure to ultraviolet irradiation and elicitation of human allergic contact dermatitis. Sjövall P, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):93–6

Sheet dermatitis. Tegner E. **Acta Derm Venereol (Stockh)** 1985;65(3):254–7

Effect of highly radiolabelled 2,4-dinitrochlorobenzene (DNCB) on experimental DNCB contact dermatitis in guinea pigs. Filipp G, et al. **Allergy** 1984 Oct;39(7):499–507

Allergic contact dermatitis secondary to transdermal nitroglycerin. Rosenfeld AS, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1061–2

Associated cutaneous findings in nickel contact sensitivity. Belda A, et al. **Ann Allergy** 1985 Sep;55(3):501–3

Contact allergy to aziridine paint hardener. Cofield BG, et al. **Arch Dermatol** 1985 Mar;121(3):373–6

Chloracetamide: an unusual cause of cosmetic dermatitis [letter] Koch SE, et al. **Arch Dermatol** 1985 Feb;121(2):172–3

Pustular contact hypersensitivity to fluorouracil with rosacealike sequelae. Sevadjian CM. **Arch Dermatol** 1985 Feb;121(2):240–2

Primary irritant contact dermatitis from synthetic pyrethroid insecticide exposure. Flannigan SA, et al. **Arch Toxicol** 1985 Feb;56(4):288–94

Nickel sensitivity among patients with contact dermatitis: a study at a Bangkok general hospital. Sunthonpalin P. **Asian Pac J Allergy Immunol** 1983 Jun;1(1):15–8

Allergic contact dermatitis to dimer acid product—a flexibilizing epoxy resin hardener. Wall LM. **Australas J Dermatol** 1984 Dec;25(3):125–6

Photocontact allergy to octyldimethyl PABA. Weller P, et al. **Australas J Dermatol** 1984 Aug;25(2):73–6

Accumulation of inflammatory cells in response to intracutaneous platelet activating factor (Paf-acether) in man. Archer CB, et al. **Br J Dermatol** 1985 Mar;112(3):285–90

Mechanism of anthralin inflammation. 2. Effect of pretreatment with glucocorticoids, anthralin and removal of stratum corneum. Lawrence CM, et al. **Br J Dermatol** 1985 Jul;113(1):117–22

Mechanism of anthralin inflammation. I. Dissociation of response to clobetasol and indomethacin. Lawrence CM, et al. **Br J Dermatol** 1985 Jul;113(1):107–15

Allergic contact dermatitis to epoxy resin in ostomy bags. Beck MH, et al. **Br J Surg** 1985 Mar;72(3):202–3

Allergic contact dermatitis due to a herbicide (barban). Hogan DJ, et al. **Can Med Assoc J** 1985 Feb 15;132(4):387–9

Contact dermatitis in children. Zugerman C. **Compr Ther** 1984 Nov;10(11):29–36

Benzoyl peroxide contact allergy in leg ulcer patients. Agathos M, et al. **Contact Dermatitis** 1984 Nov;11(5):316–7

Diminution of immediate reactions to cinnamic aldehyde by eugenol. Allenby CF, et al. **Contact Dermatitis** 1984 Nov;11(5):322–3

Occupational dermatoses from cutting oils. Alomar A, et al. **Contact Dermatitis** 1985 Mar;12(3):129–38

Buphenine sensitivity. Alomar A. **Contact Dermatitis** 1984 Nov;11(5):315

Biocide patch tests. Andersen KE, et al. **Contact Dermatitis** 1985 Feb;12(2):99–103

Contact allergy related to TEA-PEG-3 cocamide sulfate and cocamidopropyl betaine in a shampoo. Andersen KE, et al. **Contact Dermatitis** 1984 Sep;11(3):192–3

Lipstick dermatitis related to castor oil. Andersen KE, et al. **Contact Dermatitis** 1984 Oct;11(4):253–4

Allergic contact dermatitis to some medicaments. Angelini G, et al. **Contact Dermatitis** 1985 May;12(5):263–9

Contact dermatitis from propolis. Ayala F, et al. **Contact Dermatitis** 1985 Mar;12(3):181–2

Contact dermatitis from clotrimazole. Balato N, et al. **Contact Dermatitis** 1985 Feb;12(2):110

Ethylenediamine contact dermatitis. Balato N, et al. **Contact Dermatitis** 1984 Aug;11(2):112–4

Allergic dermatitis from etofenamate. Balato N, et al. **Contact Dermatitis** 1984 Sep;11(3):190

Allergic contact dermatitis to cashew nut. Bedello PG, et al. **Contact Dermatitis** 1985 Apr;12(4):235

Allergic contact dermatitis to Bayo-N-OX-I. Bedello PG, et al. **Contact Dermatitis** 1985 May;12(5):284

Contact dermatitis caused by cobalt naphthenate. Bedello PG, et al. **Contact Dermatitis** 1984 Oct;11(4):247

The sensitizing capacity of multifunctional acrylates in the guinea pig. Björkner B. **Contact Dermatitis** 1984 Oct;11(4):236–46

Influence of the vehicle on elicitation of contact allergic reactions to acrylic compounds in the guinea pig. Björkner B, et al. **Contact Dermatitis** 1984 Nov;11(5):268–78

Contact allergy to vitamin A. Blondeel A. **Contact Dermatitis** 1984 Sep;11(3):191–2

Allergic contact dermatitis to epoxy resin in infusion sets of an insulin pump. Boom BW, et al. **Contact Dermatitis** 1985 May;12(5):280

Allergic contact dermatitis to amyl nitrite ('poppers'). Bos JD, et al. **Contact Dermatitis** 1985 Feb;12(2):109

Allergy to 2 new corticoid molecules. Boujnah-Khouadja A, et al. **Contact Dermatitis** 1984 Aug;11(2):83–7

Contact dermatitis to Hedera helix (common ivy). Boyle J, et al. **Contact Dermatitis** 1985 Feb;12(2):111–2

Zinc pyrithione (Zinc Omadine) allergy. Brandrup F, et al. **Contact Dermatitis** 1985 Jan;12(1):50

Phytophotodermatitis induced by Ruta chalepensis L. Brener S, et al. **Contact Dermatitis** 1985 Apr;12(4):230–2

Contact allergy to phenol-formaldehyde resins. Bruze M, et al. **Contact Dermatitis** 1985 Feb;12(2):81–6

Contact dermatitis from the epoxy resins tetraglycidyl-4,4'-methylene dianiline and o-diglycidyl phthalate in composite material. Burrows D, et al. **Contact Dermatitis** 1984 Aug;11(2):80–2

Contact dermatitis to ketoprofen. Camarasa JG. **Contact Dermatitis** 1985 Feb;12(2):120–2

Thiourea reactivity in Spain. Camarasa JG, et al. **Contact Dermatitis** 1985 Apr;12(4):229

Nickel allergy: analysis of metal clothing objects and patch testing to metal samples. Cavelier C, et al. **Contact Dermatitis** 1985 Feb;12(2):65–75

Sensitizing potential of 2-hydroxyethylmethacrylate. Clemmensen S. **Contact Dermatitis** 1985 Apr;12(4):203–8

Dermatitis in small-scale metal industries. Coenraads PJ, et al. **Contact Dermatitis** 1985 Mar;12(3):155–60

Contact dermatitis to wood wool. Daly BM, et al. **Contact Dermatitis** 1984 Aug;11(2):123

Contact allergy to an olive oil containing ointment. de Boer EM, et al. **Contact Dermatitis** 1984 Aug;11(2):128–9

Positive patch test reactions to injectable corticosteroids. de Boer EM, et al. **Contact Dermatitis** 1984 Oct;11(4):261–2

Occupational dermatitis caused by snackbar meat products. de Boer EM, et al. **Contact Dermatitis** 1984 Nov;11(5):322

Patch testing with silver sulfadiazine cream. Degreef H, et al. **Contact Dermatitis** 1985 Jan;12(1):33–7

Protein contact dermatitis with positive RAST caused by bovine blood and amniotic fluid. Degreff H, et al. **Contact Dermatitis** 1984 Aug;11(2):129–30

Kathon CG: cosmetic allergy and patch test sensitization. de Groot AC, et al. **Contact Dermatitis** 1985 Feb;12(2):76–80

Patch tests with fragrance materials and preservatives. de Groot AC, et al. **Contact Dermatitis** 1985 Feb;12(2):87–92

Contact allergy to benzoxonium chloride (Bradophen). de Groot AC, et al. **Contact Dermatitis** 1984 Nov;11(5):324–5

Contact allergy to oleamidopropyl dimethylamine. de Groot AG, et al. **Contact Dermatitis** 1984 Nov;11(5):298–301

Contact allergy to unsaturated polyester in a boat builder [letter] Dooms-Goossens A, et al. **Contact Dermatitis** 1985 Apr;12(4):238

Dermatitis from sodium lauryl sulfate in hydrocortisone cream. Eubanks SW, et al. **Contact Dermatitis** 1984 Oct;11(4):250–1

Occupational dermatitis in a butcher. Fancalanci S, et al. **Contact Dermatitis** 1984 Nov;11(5):320–1

Dermatitis from lignocaine. Fernándes de Corres L, et al. **Contact Dermatitis** 1985 Feb;12(2):114–5

Contact dermatitis from Frullania, Compositae and other plants. Fernández de Corres L. **Contact Dermatitis** 1984 Aug;11(2):74–9

False-positive, follicular and irritant patch test reactions to metal salts. Fischer T, et al. **Contact Dermatitis** 1985 Feb;12(2):93–8

Influence of the vehicle on irritant contact dermatitis. Flannigan SA, et al. **Contact Dermatitis** 1985 Mar;12(3):177–8

Contact dermatitis due to bisphenol A in semi-synthetic waxes. Freeman K, et al. **Contact Dermatitis** 1984 Oct;11(4):259–60

Allergic contact dermatitis due to 1,2-benzisothiazolin-3-one in gum arabic. Freeman S. **Contact Dermatitis** 1984 Sep;11(3):146–9

Allergic contact dermatitis due to epoxy resin in textile labels. Fregert S, et al. **Contact Dermatitis** 1984 Aug;11(2):131–2

Irritant dermatitis from tri-N-butyl tin oxide in paint. Goh CL. **Contact Dermatitis** 1985 Mar;12(3):161–3

Allergic contact dermatitis to zinc pyrithione. Goh CL, et al. **Contact Dermatitis** 1984 Aug;11(2):120

Allergic contact dermatitis to ranitidine. Goh CL, et al. **Contact Dermatitis** 1984 Oct;11(4):252

Contact dermatitis from novocaine in Gerovital cream. Goitre M, et al. **Contact Dermatitis** 1985 Apr;12(4):234–5

Textile fiber dermatitis. Hatch KL, et al. **Contact Dermatitis** 1985 Jan;12(1):1–11 (105 ref.)

Chin rest allergy in a violinist. Hausen BM. **Contact Dermatitis** 1985 Mar;12(3):178–80

Contact dermatitis to lettuce. Helander I. **Contact Dermatitis** 1984 Oct;11(4):249

Allergic contact dermatitis from rubber boots. Ho VC, et al. **Contact Dermatitis** 1985 Feb;12(2):110–1

Contact sensitivity to thiourea in photocopy paper. Kellett JK, et al. **Contact Dermatitis** 1984 Aug;11(2):124

Human maximization testing of D&C Yellow no. 10 and Yellow no. 11. Kita S, et al. **Contact Dermatitis** 1984 Oct;11(4):210–3

Contact allergic reaction to valerate esters of betamethasone and hydrocortisone. Koch EM. **Contact Dermatitis** 1985 Jan;12(1):58

Contact dermatitis to formaldehyde in fabric softeners. Kofoed ML. **Contact Dermatitis** 1984 Oct;11(4):254

Contact sensitivity to aluminum. Kotovirta ML, et al. **Contact Dermatitis** 1984 Aug;11(2):135

Occupational allergic contact dermatitis to povidone-iodine. Lachapelle JM. **Contact Dermatitis** 1984 Sep;11(3):189–90

Anhydrite dermatitis in coal mines. An airborne irritant reaction assessed by laser Doppler flowmetry. Lachapelle JM, et al. **Contact Dermatitis** 1984 Sep;11(3):188–9

Contact urticaria from diethyl fumarate. Lahti A, et al. **Contact Dermatitis** 1985 Mar;12(3):139–40

Experimental nickel sensitization in the guinea pig: comparison of different protocols. Lammintausta K, et al. **Contact Dermatitis** 1985 May;12(5):258–62

Combined allergy to tolnaftate and nystatin. Lang E, et al. **Contact Dermatitis** 1985 Mar;12(3):182
Purpuric allergic contact dermatitis to epoxy resin. Laurberg G, et al. **Contact Dermatitis** 1984 Sep;11(3):186–7
Contact allergy to the photographic chemical PBA-1. Lidén C. **Contact Dermatitis** 1984 Oct;11(4):256
Contact allergy to unsaturated polyester in a boatbuilder. Lidén C, et al. **Contact Dermatitis** 1984 Oct;11(4):262–4
Contact dermatitis from the irritancy (immediate and delayed) and allergenicity of hydroxypropyl acrylate. Lovell CR, et al. **Contact Dermatitis** 1985 Feb;12(2):117–8
Contact dermatitis from phenoxyethanol in aqueous cream BP. Lovell CR, et al. **Contact Dermatitis** 1984 Sep;11(3):187
Isolated Cardura E10 sensitivity in an epoxy resin chemical process. Lovell CR, et al. **Contact Dermatitis** 1984 Sep;11(3):190–1
Clonidine: irritant and allergic contact dermatitis assays. Maibach H. **Contact Dermatitis** 1985 Apr;12(4):192–5
Facial dermatitis from epoxy resin in a helmet. Malanin G, et al. **Contact Dermatitis** 1985 Apr;12(4):221
Allergenic degradation products of para-tertiary butylphenolformaldehyde plastic. Malten KE, et al. **Contact Dermatitis** 1985 Apr;12(4):222–4
Phenolformaldehyde resin in paper. Malten KE, et al. **Contact Dermatitis** 1984 Aug;11(2):127–8
Flare-up of cobalt dermatitis from Antabuse treatment. Menné T. **Contact [illegible]matitis** 1985 Jan;12(1):53
Ginkgo tree dermatitis. [illegible]amura T. **Contact Dermatitis** 1985 May;12(5):281–2
Contact dermatitis to trilaureth phosphate. Neill SM, et al. **Contact Dermatitis** 1984 Aug;11(2):130–1
Histamine release in contact urticaria. Nishioka K, et al. **Contact Dermatitis** 1984 Sep;11(3):191
Contact plantar pustulosis. Pecegueiro M, et al. **Contact Dermatitis** 1984 Aug;11(2):126–7
Pacemaker contact sensitivity. Peters MS, et al. **Contact Dermatitis** 1984 Oct;11(4):214–8
Cerumenex allergy. Pevny I. **Contact Dermatitis** 1985 Jan;12(1):51–2
Benzaron allergy. Pevny I. **Contact Dermatitis** 1984 Aug;11(2):122
Contact urticaria to etofenamate. Piñol J, et al. **Contact Dermatitis** 1984 Aug;11(2):132–3
Patch test reactions to Flamazine. Rasmussen I. **Contact Dermatitis** 1984 Aug;11(2):133–4
Allergy to mercurochrome and rifamycin. Riboldi A, et al. **Contact Dermatitis** 1985 Mar;12(3):180
Nickel dermatitis from an infusion needle. Romaguera C, et al. **Contact Dermatitis** 1985 Mar;12(3):181
Dermatitis from nickel eyelash curler. Romaguera C, et al. **Contact Dermatitis** 1985 Mar;12(3):174
Contact dermatitis to sodium fusidate. Romaguera C, et al. **Contact Dermatitis** 1985 Mar;12(3):176–7
Occupational dermatitis from Gordolobo (Mullein). Romaguera C, et al. **Contact Dermatitis** 1985 Mar;12(3):176
Methyl methacrylate prosthesis dermatitis. Romaguera C, et al. **Contact Dermatitis** 1985 Mar;12(3):172
Paratertiary butylphenol formaldehyde resin in prosthesis. Romaguera C, et al. **Contact Dermatitis** 1985 Mar;12(3):174
Contact dermatitis in children. Romaguera C, et al. **Contact Dermatitis** 1985 May;12(5):283–4
The sensitizing capacity of atranorin. Sandberg M, et al. **Contact Dermatitis** 1984 Sep;11(3):168–73
Contact dermatitis from Euphorbia pulcherrima. Santucci B, et al. **Contact Dermatitis** 1985 May;12(5):285–6
Unexpected cause of IPPD sensitivity. Shaw S, et al. **Contact Dermatitis** 1984 Oct;11(4):258
Contact urticaria from paraphenylenediamine. Temesvari E. **Contact Dermatitis** 1984 Aug;11(2):125
Propolis contact dermatitis. Tosti A, et al. **Contact Dermatitis** 1985 Apr;12(4):227–8
Tego dermatitis. Valsecchi R, et al. **Contact Dermatitis** 1985 Apr;12(4):230
Nickel sensitivity as a complication of squaric acid dibutylester treatment of alopecia areata. Valsecchi R, et al. **Contact Dermatitis** 1985 Apr;12(4):234
Contact dermatitis from ibuprofen. Valsecchi R, et al. **Contact Dermatitis** 1985 May;12(5):286–7
Dermatitis from propolis. Valsecchi R, et al. **Contact Dermatitis** 1984 Nov;11(5):317
Simultaneous allergy to perfume ingredients. Van Joost T, et al. **Contact Dermatitis** 1985 Feb;12(2):115–6
Sensitivity to woodtar. van Joost T, et al. **Contact Dermatitis** 1984 Oct;11(4):248
Occupational contact with coins in nickel-allergic patients. van Ketel WG. **Contact Dermatitis** 1985 Feb;12(2):108
Allergy to benzylamine and benzyl-1-amino-3 chloro-2 hydroxypropane. van Ketel WG. **Contact Dermatitis** 1984 Sep;11(3):186
Contact urticaria from rubber gloves after dermatitis from thiurams. Van Ketel WG. **Contact Dermatitis** 1984 Nov;11(5):323–4
Contact stomatitis and dermatitis to nickel and palladium. van Loon LA, et al. **Contact Dermatitis** 1984 Nov;11(5):294–7
Oral challenge with balsam of Peru. Veien NK, et al. **Contact Dermatitis** 1985 Feb;12(2):104–7
Pacemaker contact sensitivity. Verbov J. **Contact Dermatitis** 1985 Mar;12(3):173
Occupational contrast media dermatitis: meglumine diatrizoate. Verschueve A, et al. **Contact Dermatitis** 1984 Nov;11(5):318–9
Dose-response assessments of Kathon biocide (I). Diagnostic use and diagnostic threshold patch testing with sensitized humans. Weaver JE, et al. **Contact Dermatitis** 1985 Mar;12(3):141–5
Antioxidants in cosmetics. White IR, et al. **Contact Dermatitis** 1984 Nov;11(5):265–7
Allergic contact dermatitis to ammonium thioglycolate. Yamasaki R, et al. **Contact Dermatitis** 1984 Oct;11(4):255
Allergic contact dermatitis in early infancy. Fisher AA. **Cutis** 1985 Apr;35(4):315–6
Nickel dermatitis in men. Fisher AA. **Cutis** 1985 May;35(5):424–6
Cosmetic dermatitis of the eyelids. Fisher AA. **Cutis** 1984 Sep;34(3):216, 218, 220–1
Toxic versus allergic reactions to jellyfish. Fisher AA. **Cutis** 1984 Nov;34(5):450–4
Reactions to cyanoacrylate adhesives: 'instant glue'. Fisher AA. **Cutis** 1985 Jan;35(1):18, 20, 22 passim
The chemical basis of para-amino compounds. Bruze M. **Derm Beruf Umwelt** 1984;32(5):174–5
Contact dermatitis in workers processing polyvinyl chloride plastics. Vidović R, et al. **Derm Beruf Umwelt** 1985;33(3):104–5
Contact leukoderma due to 'Bindi' and footwear. Pandhi RK, et al. **Dermatologica** 1985;170(5):260–2
Leukocyte procoagulant activity as an in vitro index of nickel contact hypersensitivity. Aldridge RD, et al. **Int Arch Allergy Appl Immunol** 1985;76(4):350–3
Further studies on the lymphocyte transformation test in diagnosis of nickel allergy. Effect of fractionation of lymphocytes into different subpopulations on the basis of density. Nordlind K. **Int Arch Allergy Appl Immunol** 1984;75(4):333–6
Allergic contact urticaria caused by raw prawns and shrimps: three cases. Nagano T, et al. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 1):489–93
Textile dye dermatitis. A review. Hatch KL, et al. **J Am Acad Dermatol** 1985 Jun;12(6):1079–92
Acute allergic contact dermatitis from diazolidinyl urea (Germall II) in a hair gel. Kantor GR, et al. **J Am Acad Dermatol** 1985 Jul;13(1):116–9
Perfume dermatitis. Larsen WG. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):1–9 (20 ref.)
Allergic contact dermatitis to dyclonine hydrochloride simulating extensive herpes simplex labialis. Purcell SM, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):231–4
Contact dermatitis caused by plaster casting material. Pichler BA, et al. **J Am Podiatr Med Assoc** 1985 Feb;75(2):108–10
Factors influencing conjugation of phenolic compounds with the epsilon-amino group. Takeuchi Y. **J Dermatol (Tokyo)** 1985 Apr;12(2):153–60
Induction of tolerance to urushiol by epicutaneous application of this hapten on dinitrofluorobenzene-treated skin. Hanau D, et al. **J Invest Dermatol** 1985 Jul;85(1):9–11
Appearance of T-cell subpopulations during the time course of beryllium-induced granulomas. Maceira JM, et al. **J Invest Dermatol** 1984 Nov;83(5):314–6
Intravenously injected, TNP-derivatized, Langerhans cell-enriched epidermal cells induce contact hypersensitivity in Syrian hamsters. Sullivan S, et al. **J Invest Dermatol** 1985 Apr;84(4):249–52
Induction and suppression of contact sensitivity by liposomes carrying molecules from haptenated epidermal cells. Yokozeki H, et al. **J Invest Dermatol** 1985 Jan;84(1):33–6
Allergic contact dermatitis from tobacco in a consumer. Lovell CR, et al. **J R Soc Med** 1985 May;78(5):409–10
Chronic dermatitis simulating small-plaque parapsoriasis due to cyanoacrylate adhesive used on fingernails. Shelley ED, et al. **JAMA** 1984 Nov 2;252(17):2455–6
Allergy to aminophylline [editorial] **Lancet** 1984 Nov 24;2(8413):1192
Permanent-wave contact dermatitis [letter] Burry JN. **Med J Aust** 1985 Jan 7;142(1):78
Contact dermatitis due to beer [letter] Clarke P. **Med J Aust** 1985 Jul 22;143(2):92
Contact-lens hand [letter] Stolman LP, et al. **N Engl J Med** 1984 Dec 6;311(23):1521
Food substances may cause skin reactions among handlers. Mathias CG. **Occup Health Saf** 1984 Oct;53(9):53–4, 56
Processionary caterpillar dermatitis. Garty BZ, et al. **Pediatr Dermatol** 1985 Mar;2(3):194–6
Contact and photocontact allergy to sunscreens. Thune P. **Photodermatol** 1984 Feb;1(1):5–9
A study of raphide microstructure in relation to irritation. Sakai WS, et al. **Scan Electron Microsc** 1984;(Pt 2):979–86
Shoe contact dermatitis. Sun CC. **Taiwan I Hsueh Hui Tsa Chih** 1985 Feb;84(2):250–5
An animal model for nonimmunologic contact urticaria. Lahti A, et al. **Toxicol Appl Pharmacol** 1984 Nov;76(2):219–24
Pediatric exposure to the houseplant Synadenium grantii. Spoerke DG, et al. **Vet Hum Toxicol** 1985 Aug;27(4):283–4
[Allergic contact dermatitis due to chromium] Sun CC. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jul;83(7):699–704 (Eng. Abstr.) (Chi)
[Dermatitis due to cowparsnip (Heracleum giganteum)] Pátková V. **Cesk Pediatr** 1984 Feb;39(2):118–9 (Cze)
[Local irritation properties of 14 skin-care products. Comparison using the chamber scarification test on volunteers] Andersen KE, et al. **Ugeskr Laeger** 1985 Apr 22;147(17):1399–402 (Eng. Abstr.) (Dan)
[Sensitization to Pix liquida (wood tar): a persistent problem] van der Hoek JC, et al. **Ned Tijdschr Geneeskd** 1985 Feb 2;129(5):205–8 (Eng. Abstr.) (Dut)
[Contact eczema and drug ionization] Laporte M. **Acta Belg Med Phys** 1984 Jul-Sep;7(3):97–9 (Fre)
[Dermatitis caused by the manchineel tree] Guillet G, et al. **Ann Dermatol Venereol** 1985;112(1):51–6 (Eng. Abstr.) (Fre)
[Contact dermatitis from hexamidine] Revuz J, et al. **Ann Dermatol Venereol** 1984;111(9):805–10 (Eng. Abstr.) (Fre)
[Contact allergy to tromantadine] Agathos M, et al. **Derm Beruf Umwelt** 1984;32(5):157–60 (Eng. Abstr.) (Ger)
[Allergic contact eczema caused by isothiazolin-3-one derivatives] Foussereau J, et al. **Derm Beruf Umwelt** 1984;32(6):208–11 (Eng. Abstr.) (Ger)
[Allergic contact dermatitis due to Asteraceae (Compositae). Cross reaction with Liatris spicata] Goerz G, et al. **Derm Beruf Umwelt** 1985;33(3):95–8 (Eng. Abstr.) (Ger)
[Contact allergy to fludroxycortid and cetyl alcohol] Hausen BM, et al. **Derm Beruf Umwelt** 1985;33(1):27–8 (Eng. Abstr.) (Ger)
[Gaillardia allergy] Hausen BM. **Derm Beruf Umwelt** 1985;33(2):62–5 (Eng. Abstr.) (Ger)
[Epidermal reaction kinetics following benzol contact] Wohlrab W, et al. **Derm Beruf Umwelt** 1984;32(6):211–4 (Eng. Abstr.) (Ger)
[Aquagenic pruritus] Haustein UF. **Dermatol Monatsschr** 1984;170(10):654–6 (Ger)
[Allergic contact eczema caused by alpha-naphthylisothiocyanate in a chemistry laboratory assistant] Heine A, et al. **Dermatol Monatsschr** 1985;171(3):201–4 (Eng. Abstr.) (Ger)
[Caterpillar dermatitis caused by Thaumatopoea pinivora Treitschke] Meffert H. **Dermatol Monatsschr** 1985;171(5):339–43 (Ger)
[Study of mercurochrome allergy] Nebenführer L, et al. **Dermatol Monatsschr** 1984;170(11):689–93 (Eng. Abstr.) (Ger)
[Dimethoate and dithiocarbamate as occupational contact allergens in a female agrotechnician] Pambor M, et al. **Dermatol Monatsschr** 1985;171(6):401–5 (Eng. Abstr.) (Ger)
[Occupational contact dermatitis caused by dichlorvos pesticide] Stoermer D. **Dermatol Monatsschr** 1985;171(4):245–9 (Eng. Abstr.) (Ger)
[Laurel allergy. Cause, effect and sequelae of the external application of a so-called nature remedy] Hausen BM. **Dtsch Med Wochenschr** 1985 Apr 19;110(16):634–8 (Eng. Abstr.) (Ger)
[Allergy to dyes in stockings] Hausen BM, et al. **Dtsch Med Wochenschr** 1984 Sep 28;109(39):1469–75 (Eng. Abstr.) (Ger)
[Allergic dermatoses. 7: Allergic contact eczema] Marghescu S. **Fortschr Med** 1984 Sep 13;102(34):[illegible]–9 (Ger)
[Eczema of the lower leg and contact allergy] Lindemayr H, et al. **Hautarzt** 1985 Apr;36(4):227–31 (Eng. Abstr.) (Ger)
[Proteolytic enzymes: potential allergens for the skin and respiratory tract?] Wüthrich B. **Hautarzt** 1985 Mar;36(3):123–5 (27 ref.) (Eng. Abstr.) (Ger)
[Skin reactions to plaster and bandages] Albrecht G. **Med Monatsschr Pharm** 1984 Oct;7(10):290–3 (Ger)
[Clinical variability of polyvinylpyrrolidone dermatosis] Mensing H, et al. **Z Hautkr** 1984 Aug 1;59(15):1027–37 (Eng. Abstr.) (Ger)
[Contact dermatitis due to chloroacetophenone (tear gas)] Pfeiff B. **Z Hautkr** 1985 Jan;60(1–2):178–80, 183–4 (Eng. Abstr.) (Ger)
[Allergic contact dermatitis caused by propolis: an increasing pathology] Bedello PG, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec;119(6):431–2 (Eng. Abstr.) (Ita)
[Peristomal dermatitis] Cola B, et al. **G Ital Dermatol Venereol** 1984 Jul-Aug;119(4):291–4 (Eng. Abstr.) (Ita)
[Peristomal dermatitis. Our experience at the Stoma Rehabilitation Center of the M. Bufalini Hospital of Cesena] Erbazzi A, et al. **G Ital Dermatol Venereol** 1984 Jul-Aug;119(4):295–7 (Eng. Abstr.) (Ita)
[Dermatitis caused by glues. Apropos of 2 cases] Francalanci S, et al. **G Ital Dermatol Venereol** 1985 May-Jun;120(3):203–6 (Eng. Abstr.) (Ita)
[Effect of oral administration of haptens in sensitized subjects with contact allergic eczema. II). Personal contribution] Sertoli A, et al. **G Ital Dermatol Venereol** 1985 May-Jun;120(3):213–8 (Eng. Abstr.) (Ita)
[Effect of oral administration of haptens in sensitized subjects with contact allergic eczema. I). Up-date] Sertoli A, et al. **G Ital Dermatol Venereol** 1985 May-Jun;120(3):207–12 (Eng. Abstr.) (Ita)
[Propolis: incidence of hypersensitization in an at risk population] Tosti A, et al. **G Ital Dermatol Venereol** 1984 Sep-Oct;119(5):353–6 (Eng. Abstr.) (Ita)
[Oil-induced acne in workers in the automobile industry] Santarius-Kaczur D. **Med Pr** 1984;35(4):309–11 (Eng. Abstr.) (Pol)
[Pollen hypersensitivity in skin diseases] Rudzki E. **Pol Tyg Lek** 1985 Mar 25-31;40(12–13):389–91 (13 ref.) (Pol)
[Formaldehyde—its use and effect on the human body] Taraszkiewicz F, et al. **Pol Tyg Lek** 1984 Jul 9;39(28):963–4 (Pol)

[Skin changes in persons exposed to asbestos] Kieć-Swierczyńska M. **Przegl Dermatol** 1984 Jul-Aug; 71(4):333-7 (Eng. Abstr.) (Pol)

[Nickel hypersensitivity] Rudzki E, et al. **Przegl Dermatol** 1984 Sep-Oct;71(5):431-5 (Eng. Abstr.) (Pol)

[Allergy to decorative plants] Rudzki E, et al. **Przegl Dermatol** 1984 Nov-Dec;71(6):509-13 (Eng. Abstr.) (Pol)

[Epidemiology, clinical aspects and treatment of nickel allergy] Legieć C. **Wiad Lek** 1984 Mar 15;37(6):450-5 (46 ref.) (Eng. Abstr.) (Pol)

[Skin-irritating and sensitizing effects of the pesticide acetochlor] Gadalina ID, et al. **Gig Sanit** 1984 Aug;(8):85-6 (Rus)

[Allergic properties of polymer materials and their components] Vinogradov GI, et al. **Gig Sanit** 1984 Aug; (8):71-4 (25 ref.) (Rus)

[Toxicodermia of occupational etiology resulting from contact with rubber cement] Tsyrkunov LP. **Gig Tr Prof Zabol** 1985 Mar;(3):52-3 (Rus)

[Toxic properties of synthetic naphthenic and alkylbenzoic acids] Uzhdavini ER, et al. **Gig Tr Prof Zabol** 1984 Sep; (9):48-9 (Rus)

[Occupational dermatitis caused by pyrocatechol] Chistiakov ND, et al. **Vestn Dermatol Venerol** 1985 Feb;(2):59-60 (Eng. Abstr.) (Rus)

[Experimental contact dermatitis caused by microdust from thermoelement powder in guinea pigs] Kordis BD, et al. **Vestn Dermatol Venerol** 1985 Feb;(2):12-4 (Eng. Abstr.) (Rus)

[Septic form of erysipeloid] Savchak VI. **Vestn Dermatol Venerol** 1984 Oct;(10):68-9 (Rus)

[Occupational allergic dermatitis in tannery workers] Shadiev KhSh. **Vestn Dermatol Venerol** 1985 Feb;(2):56-9 (Eng. Abstr.) (Rus)

[Side effect of dimexide] Tsyrkunov LP, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):51-3 (Eng. Abstr.) (Rus)

[Toxiderma caused by the topical administration of mercuric sulfate ointment] Vitenchuk SZ, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):61-3 (Eng. Abstr.) (Rus)

[Allergic contact dermatitis caused by plants] Fernández de Corres L, et al. **Allergol Immunopathol (Madr)** 1984 Jul-Aug;12(4):313-9 (Eng. Abstr.) (Spa)

[Linear dermatitis of the calves. I. Clinical, epidemiologic and histopathological aspects] Conti-Diaz IA, et al. **Med Cutan Iber Lat Am** 1984;12(3):251-7 (Eng. Abstr.) (Spa)

[The problem of urticant and poisonous lepidopterans in Panama] Méndez E, et al. **Rev Med Panama** 1984 Sep; 9(3):230-5 (Eng. Abstr.) (Spa)

[Skin irritations from chemicals--2 objective, predictive test methods] Wahlberg JE. **Lakartidningen** 1985 Mar 13; 82(11):952-3, 955 (Swe)

[Whirlpool illness caused by liquid soap] Widström L, et al. **Lakartidningen** 1985 Apr 10;82(15):1375-6 (Eng. Abstr.) (Swe)

FAMILIAL & GENETIC

[Acetylation phenotype in patients with eczema] Olszewska Z, et al. **Przegl Dermatol** 1984 May-Jun;71(3):209-14 (Eng. Abstr.) (Pol)

HISTORY

[Did Rembrandt have a nickel allergy?] Leyh F. **Hautarzt** 1984 Sep;35(9):472-3 (Ger)

IMMUNOLOGY

Cutaneous basophil hypersensitivity. Mahapatro D, et al. **Am J Dermatopathol** 1984 Oct;6(5):483-9 (75 ref.)

HLA antigens in nickel allergy. Karvonen J, et al. **Ann Clin Res** 1984;16(4):211-2

H-2 compatibility required for tolerance induction in contact sensitivity to DNFB in allogeneic bone marrow murine chimeras. Yasumizu R, et al. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):207-11

Dynamic changes in epidermal Ia-positive cells in allergic contact sensitivity reactions in mice. Aiba S, et al. **Br J Dermatol** 1984 Nov;111(5):507-16

Hapten-specific T-cell lines in guinea-pig contact sensitivity: carrier specificity and specific accumulation. Polak L, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:74-80

Staphylococcus aureus-induced suppression of contact sensitivity in mice: suppressor cells elicited by polyclonal B-cell activation are regulated by idiotype--anti-idiotype interactions. Benedettini G, et al. **Cell Immunol** 1985 Jul; 93(2):508-19

Infection of mice with Newcastle disease virus inhibits the T suppressor afferent cell circuit which regulates contact sensitivity to picryl chloride. Dieli F, et al. **Cell Immunol** 1985 Aug;94(1):225-30

The role of dendritic cells in the initiation of immune responses to contact sensitizers. II. Studies in nude mice. Knight SC, et al. **Cell Immunol** 1985 Sep;94(2):435-9

The role of dendritic cells in the initiation of immune responses to contact sensitizers. I. In vivo exposure to antigen. Knight SC, et al. **Cell Immunol** 1985 Sep; 94(2):427-34

Desensitization of contract allergy to 2,4-dinitro-1-fluorobenzene in mice. II. Characteristics of 'immediate' desensitization. Mekori YA, et al. **Cell Immunol** 1984 Nov;89(1):84-94

Complement activation by cell-associated immune complexes in contact sensitivity. Salerno A, et al. **Cell Immunol** 1984 Dec;89(2):376-84

Production of auto-anti-idiotypic antibody during the normal immune response. VIII. Effect of auto-anti-idiotypic antibody on contact sensitivity. Shepherd GM, et al. **Cell Immunol** 1985 Sep;94(2):512-20

Cytostatic agents and contact allergy: the efferent limb. Anderson CD, et al. **Contact Dermatitis** 1985 Jan; 12(1):24-32

Lymphocytes and Langerhans cells in patch tests. An immunohistochemical and electron microscopic study. Kanerva L, et al. **Contact Dermatitis** 1984 Sep;11(3):150-5

Epicutaneous induction of tolerance with acrylates and related compounds. Parker D, et al. **Contact Dermatitis** 1985 Mar;12(3):146-54

Contact sensitivity in children and adults with atopic dermatitis--a chronological study. Lisi P, et al. **Dermatologica** 1985;171(1):1-7

Equivalence of conventional anti-picryl T suppressor factor in the contact sensitivity system and monoclonal anti-NP TsF3: their final non-specific effect via the T acceptor cell. Asherson GL, et al. **Immunology** 1984 Nov;53(3):491-7

The control of the contact sensitivity skin reaction: T-suppressor afferent cell blocks the production of antigen-specific T-helper factor. Asherson GL, et al. **Immunology** 1985 Mar;54(3):521-6

Inhibition of the anti-receptor antibody response of contact sensitivity by interferon. Freitag W, et al. **Immunology** 1985 Jun;55(2):281-7

Non-specific regulatory mechanism of contact sensitivity: induction of macrophage-like suppressor cells and their factors with hapten-conjugated lymphoid cells. Nakano Y, et al. **Immunology** 1985 Feb;54(2):297-305

Different cellular requirements for inducing contact sensitivity and non-specific unresponsiveness with hapten-conjugated lymphoid cells. Nakano Y, et al. **Immunology** 1985 Feb;54(2):307-16

Analysis of contact sensitivity to 2,4-dinitrofluorobenzene (DNFB) in allogeneic bone marrow chimaera in mice. Yasumizu R, et al. **Immunology** 1985 Jan;54(1):149-53

Non-IgG1 nature of cutaneous basophil hypersensitivity factor in contact sensitivity. III. Cutaneous basophil hypersensitivity factor promotes histamine release from guinea pig bone marrow basophils after antigenic stimulation. Katayama I, et al. **Int Arch Allergy Appl Immunol** 1985;77(3):353-7

Antigenic competition in the induction of contact sensitivity in the guinea pig. Polak L. **Int Arch Allergy Appl Immunol** 1985;76(3):275-81

Allergic contact dermatitis. Nishioka K. **Int J Dermatol** 1985 Jan-Feb;24(1):1-8 (74 ref.)

The effect of histamine receptor antagonists on specific and nonspecific suppression of experimental contact sensitivity. Mekori YA, et al. **J Allergy Clin Immunol** 1985 Jul; 76(1):90-6

Transfer of a drug-induced generalized rash in guinea pig. Kitamura K. **J Dermatol (Tokyo)** 1985 Feb;12(1):31-42

Undiminished immunologic tolerance to contact sensitivity in mast cell-deficient W/Wv and Sl/Sld mice. Mekori YA, et al. **J Immunol** 1985 Aug;135(2):879-85

Suppressor T cell circuits in contact sensitivity. II. Induction and characterization of an efferent-acting, antigen-specific, H-2-restricted, monoclonal T cell hybrid-derived suppressor factor specific for DNFB contact hypersensitivity. Miller SD. **J Immunol** 1984 Dec; 133(6):3112-20

Suppression and contrasuppression in the induction of contact sensitivity by the administration of cellbound antigen-antibody complexes. Ptak W, et al. **J Immunol** 1985 Oct;135(4):2312-8

Specific accumulation of hapten-reactive T cells in contact sensitivity reaction sites. Scheper RJ, et al. **J Immunol** 1985 Mar;134(3):1333-6

Induction and suppression of contact sensitivity to fluorescein isothiocyanate (FITC). Furue M, et al. **J Invest Dermatol** 1985 Aug;85(2):139-42

Immunophenotype of lymphoid cells in positive patch tests of allergic contact dermatitis. McMillan EM, et al. **J Invest Dermatol** 1985 Mar;84(3):229-33

The effect of a sunscreen containing para-aminobenzoic acid on the systemic immunologic alterations induced in mice by exposure to UVB radiation. Morison WL. **J Invest Dermatol** 1984 Dec;83(6):405-8

Role of UVB-induced serum factor(s) in suppression of contact hypersensitivity in mice. Swartz RP. **J Invest Dermatol** 1984 Oct;83(4):305-7

[An allergic reaction from contact with Pediculus humanus capitis (head lice) (letter)] Lafeber A. **Ned Tijdschr Geneeskd** 1984 Sep 29;128(39):1860-1 (Dut)

[Immunological mechanisms of contact hypersensitivity] Silvennoinen-Kassinen S, et al. **Duodecim** 1985; 101(11):1056-62 (Fin)

[Antigenic competition and quenching phenomena in contact allergy] Castelain M, et al. **Ann Dermatol Venereol** 1984; 111(11):1029-37 (30 ref.) (Fre)

[HLA typing and chloramphenicol allergy] Linss G, et al. **Dermatol Monatsschr** 1985;171(4):250-3 (Eng. Abstr.) (Ger)

[Immunologic principles of allergic contact eczema] Knop J. **Hautarzt** 1984 Dec;35(12):617-22 (Eng. Abstr.) (Ger)

[Role of the Langerhans cells in contact allergy] Baer RL. **Z Hautkr** 1984 Sep 15;59(18):1205-8 (Ger)

[Current immunological aspects of allergic contact dermatitis] Merk H. **Z Hautkr** 1985 May 1;60(9):699-705 (35 ref.) (Eng. Abstr.) (Ger)

[Studies of contact hypersensitivity and immune tolerance in experimental neoplasms] Nomura S. **Nippon Hifuka Gakkai Zasshi** 1985 Feb;95(2):167-77 (Jpn)

METABOLISM

Auto-oxidative damage in cement dermatitis. Miyachi Y, et al. **Arch Dermatol Res** 1985;277(4):288-92

Eczematous (irritant and allergic) reactions of the skin and barrier function as determined by water vapour loss. van der Valk PG, et al. **Clin Exp Dermatol** 1985 May; 10(3):185-93

Kinetics of tachyphylaxis to mediators of acute inflammation. Colditz IG. **Immunology** 1985 May;55(1):149-56

Accumulation of leukotriene C4 and histamine in human allergic skin reactions. Talbot SF, et al. **J Clin Invest** 1985 Aug;76(2):650-6

[Chromium binding to leukocytes] Sertoli A, et al. **Boll Ist Sieroter Milan** 1984 Jul 31;63(3):207-12 (Eng. Abstr.) (Ita)

OCCURRENCE

Contact dermatitis in Nigeria. Olumide YM. **Contact Dermatitis** 1985 May;12(5):241-6

Patch testing in children (II). Results and case reports. Pevny I, et al. **Contact Dermatitis** 1984 Nov;11(5):302-10

Dermatitis among hospital workers—Oregon. **MMWR** 1984 Dec 7;33(48):681-2

[Occurrence of nickel contact allergy in randomly selected patients in the Munich area] Schmiel G. **Derm Beruf Umwelt** 1985;33(3):92-5 (Eng. Abstr.) (Ger)

[Comments on the incidence of contact allergy] Eberhartinger C. **Z Hautkr** 1984 Oct 1;59(19):1283-6, 1289 (Eng. Abstr.) (Ger)

[Allergy to chromium, nickel and cobalt in patients with contact dermatitis in the Gdańsk district 1979-1983] Grubska-Suchanek E, et al. **Przegl Dermatol** 1985 Jan-Feb; 72(1):37-42 (Eng. Abstr.) (Pol)

[2 epidemics of whirlpool dermatitis in Sweden--the risks are increasing] Hallqvist L. **Lakartidningen** 1985 Apr 10; 82(15):1376 (Swe)

[Nickel allergy--occurrence and treatment] Menné T. **Nord Med** 1984;99(11):279-81 (Eng. Abstr.) (Swe)

PATHOLOGY

Quantitation of contact allergy in guinea pigs by measuring changes in skin blood flow and skin fold thickness. Andersen KE, et al. **Acta Derm Venereol (Stockh)** 1985; 65(1):37-42

Recurrent cutaneous jellyfish eruptions without envenomation. Månsson T, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):72-5

Black-spot poison ivy dermatitis. An acute irritant contact dermatitis superimposed upon an allergic contact dermatitis. Hurwitz RM, et al. **Am J Dermatopathol** 1984 Aug;6(4):319-22

Electron microscopic study on Langerhans cells and related cells in lymph nodes of DNCB-sensitive mice. Sonoda Y, et al. **Arch Dermatol Res** 1985;277(1):44-54

Comparison of ultrasound and caliper measurements of normal and inflamed skin thickness. Lawrence CM, et al. **Br J Dermatol** 1985 Feb;112(2):195-200

A simple method for studying chemotaxis, vascular permeability and histological modifications induced by mediators of inflammation in vivo in man. Michel L, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:61-6

[Persistence of Langerhans cells in lesions in contact allergic eczema in man] De Panfilis G, et al. **G Ital Dermatol Venereol** 1985 Jan-Feb;120(1):87-90 (Eng. Abstr.) (Ita)

PHYSIOPATHOLOGY

[Role of disorders in the barrier-protective function of the skin, protein metabolism and enzyme activity in workers engaged in the manufacture of thermoelements during the development of occupational dermatoses] Kordis BD, et al. **Vestn Dermatol Venerol** 1985 Mar;(3):59-62 (Eng. Abstr.) (Rus)

PREVENTION & CONTROL

Topical glucocorticoids and suppression of contact sensitivity. A mouse bioassay of anti-inflammatory effects. Bäck O, et al. **Br J Dermatol** 1985 May;112(5):539-45

Inhibition of contact sensitivity reactions to DNFB by topical cyclosporin application in the guinea-pig. Aldridge RD, et al. **Clin Exp Immunol** 1985 Jan;59(1):23-8

In vivo and in vitro testing of gloves for protection against UV-curable acrylate resin systems. Rietschel RL, et al. **Contact Dermatitis** 1984 Nov;11(5):279-82

Chelating effect of EDTA on nickel. van Ketel WG, et al. **Contact Dermatitis** 1984 Nov;11(5):311-4

Hapten-specific prophylaxis of murine contact sensitivity by DNP-amino acid derivatives. Katayama I, et al.

Int Arch Allergy Appl Immunol 1985;76(2):101–6

[Experimental studies on the suppression of contact sensitivity. The distribution of 2, 4-dinitrophenyl groups in guinea pigs following feeding of 2,4-dinitrochlorobenzene] Takei Y. **Nippon Hifuka Gakkai Zasshi** 1985 May;95(6):663–7 (Jpn)

[Film-forming solution of polyvinyl alcohol for protection of the skin of workers in the fiber glass industry] Shulakov NA, et al. **Gig Tr Prof Zabol** 1985 Feb;(2):58–9 (Rus)

RADIOTHERAPY

The effect of grenz rays on the expression of allergic contact dermatitis in man. Lindelöf B, et al. **Scand J Immunol** 1985 May;21(5):463–9

THERAPY

[Emulsion ointment with soybean distillates in the prevention and treatment of premorbid changes in the skin of female workers in a furniture factory] Kozulin EA, et al. **Vestn Dermatol Venerol** 1985 Mar;(3):63–4 (Eng. Abstr.) (Rus)

VETERINARY

Inflammation induced by subcutaneous turpentine inoculation of young American alligators (Alligator mississippiensis). Mateo MR, et al. **Am J Vet Res** 1984 Sep;45(9):1870–5

Effects of a pour-on insecticidal formulation on sheep skin. Britt AG, et al. **Aust Vet J** 1984 Oct;61(10):329–30

DERMATITIS, CONTACT, PHOTOSENSITIVE see **PHOTOSENSITIVITY DISORDERS**

DERMATITIS, CONTAGIOUS PUSTULAR see **ECTHYMA, CONTAGIOUS**

DERMATITIS EXFOLIATIVA

CHEMICALLY INDUCED

Allopurinol hypersensitivity. A case report. Stein CM. **S Afr Med J** 1985 Jun 8;67(23):935–6

CONGENITAL

[Ritter's disease—staphylococcal toxic-necrotic epidermatitis] Lesniarek J. **Pediatr Pol** 1984 Dec;59(12):1013–6 (Pol)

DIAGNOSIS

[Staphylococcal and toxic 'burned skin' syndromes] Lelis II. **Vestn Dermatol Venerol** 1984 Oct;(10):47–9 (Eng. Abstr.) (Rus)

PATHOLOGY

[Hebra's pityriasis rubra] Savchak VI, et al. **Vestn Dermatol Venerol** 1985 May;(5):60–2 (Eng. Abstr.) (Rus)

VETERINARY

Chronic eosinophilic dermatitis: a manifestation of a multisystemic, eosinophilic, epitheliotropic disease in five horses. Nimmo Wilkie JS, et al. **Vet Pathol** 1985 Jul;22(4):297–305

DERMATITIS HERPETIFORMIS

[Duhring's dermatitis herpetiformis] Fries P. **Z Hautkr** 1985 Mar 15;60(6):489–90, 495–6 (Eng. Abstr.) (Ger)

BLOOD

Dapsone and human polymorphonuclear leucocyte chemotaxis in dermatitis herpetiformis. Millar BW, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):433–6

Male sex hormone status in dermatitis herpetiformis. Gawkrodger DJ, et al. **Br J Dermatol** 1985 Jan;112(1):57–61

CHEMICALLY INDUCED

Dermatitis herpetiformis exacerbated by indomethacin. Griffiths CE, et al. **Br J Dermatol** 1985 Apr;112(4):443–5

Aggravation of dermatitis herpetiformis by dental fluoride treatments [letter] Bovenmyer DA. **J Am Acad Dermatol** 1985 Apr;12(4):719–20

COMPLICATIONS

Thyroid abnormalities in dermatitis herpetiformis. Prevalence of clinical thyroid disease and thyroid autoantibodies. Cunningham MJ, et al. **Ann Intern Med** 1985 Feb;102(2):194–6

Primary biliary cirrhosis associated with coeliac disease and dermatitis herpetiformis. Gabrielsen TO, et al. **Dermatologica** 1985;170(1):31–4

[Dermatitis herpetiformis—from celiac disease to skin rash] Reunala T. **Duodecim** 1985;101(11):1090–6 (Fin)

[Gluten enteropathy in dermatitis herpetiformis] Bukato S, et al. **Pol Tyg Lek** 1984 Sep 10;39(37):1243–5 (Eng. Abstr.) (Pol)

[Dermatitis herpetiformis and systemic lupus erythematosus] Zaitz C, et al. **Med Cutan Ibero Lat Am** 1984;12(4):311–7 (Eng. Abstr.) (Por)

[Immunoblastic sarcoma associated with dermatitis herpetiformis] Bordas X, et al. **Med Cutan Iber Lat Am** 1984;12(3):239–43 (Eng. Abstr.) (Spa)

DIAGNOSIS

Antibodies to gliadin in adult coeliac disease and dermatitis herpetiformis. Volta U, et al. **Digestion** 1984;30(4):263–70

[Another case of articular hydrops in dermatitis herpetiformis Duhring] Kegel M, et al. **Z Hautkr** 1984 Dec 15;59(24):1673–6 (Eng. Abstr.) (Ger)

[Circulating immune complexes in dermatitis herpetiformis] Adamski Z, et al. **Przegl Dermatol** 1984 Mar–Apr;71(2):103–7 (Eng. Abstr.) (Pol)

DIET THERAPY

Changes in food consumption and its nutritional quality when on a gluten-free diet for dermatitis herpetiformis. Björkman AC, et al. **Hum Nutr Appl Nutr** 1985 Apr;39(2):124–9

Influence of gluten-free diet on the gastric condition in dermatitis herpetiformis. Kastrup W, et al. **Scand J Gastroenterol** 1985 Jan;20(1):39–45

DRUG THERAPY

Selenium, glutathione-peroxidase and dermatitis herpetiformis. Ljunghall K, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):546–7

Hypersensitivity reaction to dapsone: report from Malaysia. Mohamed KN. **Lepr Rev** 1984 Dec;55(4):385–9

[Sodium cromoglycate in the treatment of dermatitis herpetiformis (letter)] Senot Y, et al. **Presse Med** 1985 Feb 2;14(4):227 (Fre)

ETIOLOGY

The immunopathogenesis of dermatitis herpetiformis [editorial] Huff JC. **J Invest Dermatol** 1985 Apr;84(4):237–8

IMMUNOLOGY

Thyroid disease, dermatitis herpetiformis, and splenic atrophy [letter] Foster PN. **Ann Intern Med** 1985 Jul;103(1):157

Membrane attack complex of complement in dermatitis herpetiformis. Dahl MV, et al. **Arch Dermatol** 1985 Jan;121(1):70–2

Distribution of monkey esophagus antigens reactive with IgA-class antibodies in the sera of dermatitis herpetiformis patients. Kumar V, et al. **Arch Dermatol Res** 1984;276(5):293–6

IgA anti-endomysial antibody detection in the serum of patients with dermatitis herpetiformis following gluten challenge. Leonard JN, et al. **Arch Dermatol Res** 1985;277(5):349–51

IgA anti-endomysium antibody. A new immunological marker of dermatitis herpetiformis and coeliac disease. Chorzelski TP, et al. **Br J Dermatol** 1984 Oct;111(4):395–402

Characterization of circulating and cutaneous IgA immune complexes in patients with dermatitis herpetiformis. Hall RP, et al. **J Immunol** 1985 Sep;135(3):1760–5

Dermatitis herpetiformis: biochemical properties of the granular deposits of IgA in papillary dermis. Characterization of SDS-soluble IgA-like material and potentially antigen-binding IgA fragments released by pepsin. Egelrud T, et al. **J Invest Dermatol** 1985 Apr;84(4):239–45

Dermatitis herpetiformis: preparation of papillary dermis and the effect of proteolytic enzymes on the IgA deposits. Egelrud T, et al. **J Invest Dermatol** 1984 May;82(5):501–5

Circulating immune complexes in dermatitis herpetiformis and coeliac disease [letter] Husby S, et al. **Lancet** 1984 Nov 24;2(8413):1210

Demonstration of tissue 90 kD glycoprotein as antigen in circulating IgG immune complexes in dermatitis herpetiformis and coeliac disease. Maury CP, et al. **Lancet** 1984 Oct 20;2(8408):892–4

Immunoelectron microscopic findings in oral mucosa of patients with dermatitis herpetiformis and linear IgA disease. Rantala I, et al. **Scand J Dent Res** 1985 Jun;93(3):243–8

Antigliadin antibodies in dermatitis herpetiformis. McMillan SA, et al. **Ulster Med J** 1983;52(2):113–7

[HLA antigens and morphology of the small intestinal mucosa in Duhring's juvenile dermatitis herpetiformis] Kósnai I, et al. **Orv Hetil** 1985 Jul 7;126(27):1649–51 (Eng. Abstr.) (Hun)

[Clinical value of immunopathological studies in dermatitis herpetiformis] Waszczykowska E, et al. **Przegl Dermatol** 1985 Jan–Feb;72(1):13–9 (Eng. Abstr.) (Pol)

METABOLISM

Immunohistochemical localization of epidermal basement membrane laminin and type IV collagen in bullous lesions of dermatitis herpetiformis. Karttunen T, et al. **Br J Dermatol** 1984 Oct;111(4):389–94

OCCURRENCE

Incidence and prevalence of dermatitis herpetiformis in western Sweden. Mobacken H, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):400–4

PATHOLOGY

[In what respect is Duhring's dermatitis a skin disease?] Kárpáti S, et al. **Orv Hetil** 1985 Aug 25;126(34):2091–4 (Eng. Abstr.) (Hun)

PHYSIOPATHOLOGY

Gastric morphology and function in dermatitis herpetiformis and in coeliac disease. Gillberg R, et al. **Scand J Gastroenterol** 1985 Mar;20(2):133–40

VETERINARY

Dermatitis herpetiformis—does it exist? Ackerman L. **J Am Vet Med Assoc** 1984 Sep 15;185(6):633–5

DERMATITIS MEDICAMENTOSA

[Current findings on drug eruptions] Krebs A. **Z Hautkr** 1984 Dec 1;59(23):1581–99 (72 ref.) (Eng. Abstr.) (Ger)

CHEMICALLY INDUCED

Drug eruption secondary to trazodone [letter] Cohen LE. **J Am Acad Dermatol** 1984 Sep;11(3):526–7

DIAGNOSIS

Retinoid dermatitis mimicking progression in mycosis fungoides: a report from the Scandinavian Mycosis Fungoides Group. Molin L, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):69–71

Fixed drug eruption masquerading as herpes simplex labialis. Boyle J, et al. **Br Med J [Clin Res]** 1984 Sep 29;289(6448):802

Cutaneous reactions to captopril. Predictive value of skin tests. Smit AJ, et al. **Clin Allergy** 1984 Sep;14(5):413–9

Lichenoid drug reactions to chlorpropamide and tolazamide. Barnett JH, et al. **Cutis** 1984 Dec;34(6):542–4

[Drug-induced papulo-macular rash] Rudzki E, et al. **Przegl Dermatol** 1984 Mar–Apr;71(2):115–9 (Eng. Abstr.) (Pol)

[A topo-optical polarization method of activation of lymphocyte chromatin in the diagnosis of drug allergy] Rats I, et al. **Vestn Dermatol Venerol** 1984 Nov;(11):18–20 (Eng. Abstr.) (Rus)

ETIOLOGY

Drug eruptions: causative agents and clinical types. A series of in-patients during a 10-year period. Kauppinen K, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):320–4

Fixed drug eruption. Gómez B, et al. **Allergol Immunopathol (Madr)** 1985 Mar–Apr;13(2):87–91

Workplace allergenicity of a psyllium-containing bulk laxative. Gauss WF, et al. **Allergy** 1985 Jan;40(1):73–6

Allergic contact dermatitis secondary to transdermal nitroglycerin. Rosenfeld AS, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1061–2

Cutaneous manifestations of intravenous vasopressin therapy. Thomas TK. **Am J Gastroenterol** 1985 Sep;80(9):704–5

Three cases of carbamazepine toxicity. Moore NC, et al. **Am J Psychiatry** 1985 Aug;142(8):974–5

Histamine release with vecuronium [letter] Clayton DG, et al. **Anaesthesia** 1984 Nov;39(11):1143–4

Scarlatiniform rash and urticaria due to codeine. Hunskaar S, et al. **Ann Allergy** 1985 Mar;54(3):240–1

Vancomycin and red necks [letter] Ackerman BH, et al. **Ann Intern Med** 1985 May;102(5):723–4

Cutaneous reactions to trimethoprim-sulfamethoxazole in Haitians [letter] DeHovitz JA, et al. **Ann Intern Med** 1985 Sep;103(3):479–80

Diltiazem and generalized lymphadenopathy [letter] Scolnick B, et al. **Ann Intern Med** 1985 Apr;102(4):558

Cancer chemotherapy and skin changes [letter] Vogelzang NJ, et al. **Ann Intern Med** 1985 Aug;103(2):303–4

Penicillamine-induced pemphigus foliaceus-like dermatosis. A case with unusual features, successfully treated by plasmapheresis. Bahmer FA, et al. **Arch Dermatol** 1985 May;121(5):665–8

Minocycline-related hyperpigmentation. Basler RS. **Arch Dermatol** 1985 May;121(5):606–8

Titanium pigmentation. An electron probe microanalysis study. Dupre A, et al. **Arch Dermatol** 1985 May;121(5):656–8

Is benzyl alcohol an allergen? [letter] Finkelstein H, et al. **Arch Dermatol** 1985 Jun;121(6):715

Acne secondary to white petrolatum use [letter] Frankel EB. **Arch Dermatol** 1985 May;121(5):589–90

Hyperpigmentation of the skin associated with minocycline therapy. Gordon G, et al. **Arch Dermatol** 1985 May;121(5):618–23

Dermatitis produced by applications of monobenzone in patients with active vitiligo. Nordlund JJ, et al. **Arch Dermatol** 1985 Sep;121(9):1141–4

Cutaneous vasculitis from maprotiline. Oakley AM, et al. **Aust NZ J Med** 1985 Apr;15(2):256–7

Comparative microscopic study of cardiotoxicity and skin toxicity of anthracycline analogs. Dantchev D, et al. **Biomed Pharmacother** 1984;38(7):322–8

Allergic reaction after atracurium [letter] Aldrete JA. **Br J Anaesth** 1985 Sep;57(9):929–30

Autoimmune progesterone dermatitis with persistent amenorrhoea. Katayama I, et al. **Br J Dermatol** 1985 Apr;112(4):487–91

Fixed eruptions: causative drugs and challenge tests. Kauppinen K, et al. **Br J Dermatol** 1985 May;112(5):575-8
Generalized pustular dermatosis caused by isoniazid [letter] Yamasaki R, et al. **Br J Dermatol** 1985 Apr;112(4):504-6
Fixed drug eruptions [editorial] Ackroyd JF. **Br Med J [Clin Res]** 1985 May 25;290(6481):1533-4
Asymptomatic hyperuricemia and allopurinol induced toxic epidermal necrolysis [letter] Renwick IG. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):485
Fatal multisystemic toxicity associated with prophylaxis with pyrimethamine and sulfadoxine (Fansidar). Selby CD, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):113-4
Hypersensitivity reactions to amsacrine. Perry DJ, et al. **Cancer Treat Rep** 1985 Feb;69(2):199-201
Dermatologic reaction to a sustained-release theophylline product. Mendel S, et al. **Clin Pharm** 1985 May-Jun; 4(3):334-5
Benzoyl peroxide contact allergy in leg ulcer patients. Agathos M, et al. **Contact Dermatitis** 1984 Nov;11(5):316-7
Buphenine sensitivity. Alomar A. **Contact Dermatitis** 1984 Nov;11(5):315
Chlorocresol sensitivity induced by treatment of allergic contact dermatitis with steroid creams. Archer CB, et al. **Contact Dermatitis** 1984 Sep;11(3):144-5
Allergic dermatitis from etofenamate. Balato N, et al. **Contact Dermatitis** 1984 Sep;11(3):190
Contact allergy to vitamin A. Blondeel A. **Contact Dermatitis** 1984 Sep;11(3):191-2
Patch test diagnosis of exfoliative dermatitis due to carbamazepine. Camarasa JG. **Contact Dermatitis** 1985 Jan; 12(1):49
Erythema multiforme-like contact dermatitis from lincomycin. Conde-Salazar L, et al. **Contact Dermatitis** 1985 Jan;12(1):59-61
Contact allergy to benzoxonium chloride (Bradophen). de Groot AC, et al. **Contact Dermatitis** 1984 Nov;11(5):324-5
Eczematous drug reaction from phenobarbitone. Fernández de Corres L, et al. **Contact Dermatitis** 1984 Nov;11(5):319
Allergic contact dermatitis to transdermal clonidine. Grattan CE, et al. **Contact Dermatitis** 1985 Apr;12(4):225-6
Allergic contact dermatitis from amcinonide. Hayakawa R, et al. **Contact Dermatitis** 1985 Apr;12(4):213-4
Contact dermatitis from phenoxyethanol in aqueous cream BP. Lovell CR, et al. **Contact Dermatitis** 1984 Sep;11(3):187
Histamine release in contact urticaria. Nishioka K, et al. **Contact Dermatitis** 1984 Sep;11(3):191
Allergic contact dermatitis from oxyphenbutazone. Pigatto PD, et al. **Contact Dermatitis** 1985 Apr;12(4):236-7
Contact allergy to hydrocortisone 17-butyrate and pyridoxine hydrochloride. Yoshikawa K, et al. **Contact Dermatitis** 1985 Jan;12(1):55-6
Contact allergy to atropine and other mydriatic agents. Yoshikawa K, et al. **Contact Dermatitis** 1985 Jan:12(1):56-7
'Poppers' or 'snappers' dermatitis in homosexual men. Fisher AA. **Cutis** 1984 Aug;34(2):118-22
Dermatitis due to transdermal therapeutic systems. Fisher AA. **Cutis** 1984 Dec;34(6):526-7, 530-1
Erythema annulare centrifugum: an unusual case due to hydroxychloroquine sulfate. Hudson LD. **Cutis** 1985 Aug; 36(2):129-30
Bifonazole: patch-test trials on local tolerance. Gip L. **Dermatologica** 1984;169 Suppl 1:77-9
Fixed drug eruption due to a drug combination but not to its constituents. Verbov J. **Dermatologica** 1985;171(1):60-1
Jaundice and rash associated with chlorpropamide [letter] Baciewicz AM, et al. **Diabetes Care** 1985 Mar-Apr; 8(2):200-1
A medical student who treated himself. Turck M. **Hosp Pract [Off]** 1985 Jul 15;20(7):49, 55
Fixed drug eruptions. A study of 20 occurrences in Singapore. Chan HL. **Int J Dermatol** 1984 Nov;23(9):607-9
Lack of cross-sensitivity between tetracycline, doxycycline, and minocycline with regard to fixed drug sensitivity to tetracycline [letter] Bargman H. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):900-2
Quinidine-induced photosensitive livedo reticularis-like eruption. Bruce S, et al. **J Am Acad Dermatol** 1985 Feb; 12(2 Pt 1):332-6
Neutrophilic eccrine hidradenitis: a distinctive rash associated with cytarabine therapy and acute leukemia. Flynn TC, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):584-90
Allergic contact dermatitis to compound tincture of benzoin. James WD, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):847-50
Drugs causing fixed eruptions. Kanwar AJ, et al. **J Dermatol (Tokyo)** 1984 Aug;11(4):383-5
The causes of fixed drug eruption. Puavilai S. et al. **J Med Assoc Thai** 1984 Nov;67(11):591-5
Urticaria and angioedema. Booth B. **J Miss State Med Assoc** 1985 Mar;26(3):59-60
Toxic pustuloderma—a new entity? Staughton RC, et al. **J R Soc Med** 1984;77 Suppl 4:6-8
Piroxicam induced erythema multiforme [letter] Duró JC, et al. **J Rheumatol** 1984 Aug;11(4):554-5
Balanitis as a fixed drug eruption to tetracycline. Dodds PR, et al. **J Urol** 1985 Jun;133(6):1044-5
Persistent photoaggravated cutaneous eruption induced by imipramine [letter] Walter-Ryan WG, et al. **JAMA** 1985 Jul 19;254(3):357-8
Piperacillin and allergic rash [letter] **Lancet** 1985 Sep 28; 2(8457):723-4
Allergy to aminophylline [letter] **Lancet** 1985 Feb 2; 1(8423):289-90
Delayed-type hypersensitivity to theophylline/aminophylline [letter] Gibb WR. **Lancet** 1985 Jan 5;1(8419):49
'Red man syndrome' associated with rapid vancomycin infusion [letter] Holliman R. **Lancet** 1985 Jun 15; 1(8442):1399-400
Skin rash and hydralazine [letter] Schapel GJ. **Med J Aust** 1984 Nov 24;141(11):765-6
Vancomycin and the 'red man's syndrome' [letter] Garrelts JC, et al. **N Engl J Med** 1985 Jan 24;312(4):245
Quantitative comparison of adverse reactions to cefaclor vs. amoxicillin in a surveillance study. Levine LR. **Pediatr Infect Dis** 1985 Jul-Aug;4(4):358-61
Primary allergy to monocomponent porcine insulin. Yap PK. **Postgrad Med J** 1985 Jul;61(717):629-30
Fixed drug eruptions on male genitalia: clinical and etiologic study. Pandhi RK, et al. **Sex Transm Dis** 1984 Jul-Sep; 11(3):164-6
[Fixed drug erythema with mucosal involvement. An overlooked diagnosis?] Laurberg G, et al. **Ugeskr Laeger** 1985 Jun 3;147(23):1853-4 (Eng. Abstr.) (Dan)
[Systemic contact eczema—the baboon syndrome—in ampicillin allergy] Rasmussen LP, et al. **Ugeskr Laeger** 1985 Apr 15;147(16):1341-2 (Eng. Abstr.) (Dan)
[Contact eczema and drug ionization] Laporte M. **Acta Belg Med Phys** 1984 Jul-Sep;7(3):97-9 (Fre)
[Eruption of fleshy nodules during treatment with isotretinoin (letter)] Amblard P, et al. **Ann Dermatol Venereol** 1984; 111(11):1039 (Fre)
[Cutaneous lesions induced by long-term use of hydroxyurea] Sigal M, et al. **Ann Dermatol Venereol** 1984;111(10):895-900 (Eng. Abstr.) (Fre)
[Drug eruptions caused by beta-blockers] Bonnetblanc JM. **Ann Med Interne (Paris)** 1984;135(8):639-41 (Eng. Abstr.) (Fre)
[Drug eruptions caused by lithium salts] Lambert D, et al. **Ann Med Interne (Paris)** 1984;135(8):637-8 (Eng. Abstr.) (Fre)
[Drug eruptions caused by noncorticoid anti-inflammatory agents] Roujeau JC, et al. **Ann Med Interne (Paris)** 1984; 135(8):633-6 (Eng. Abstr.) (Fre)
[Skin manifestations observed during treatment with penicillamine and its derivatives] Venencie PY, et al. **Ann Med Interne (Paris)** 1984;135(8):642-5 (Eng. Abstr.) (Fre)
[Incidence and severity of cutaneous adverse effects of drugs] Zawodnik S, et al. **Ann Med Interne (Paris)** 1984; 135(8):630-2 (Eng. Abstr.) (Fre)
[Contact allergy to tromantadine] Agathos M, et al. **Derm Beruf Umwelt** 1984;32(5):157-60 (Eng. Abstr.) (Ger)
[Current status of external corticosteroid therapy] Gloor M. **Fortschr Med** 1985 Feb 7;103(5):82-6 (Eng. Abstr.) (Ger)
[Contact allergy in chronic venous insufficiency: therapeutic consequences from the dermatologic viewpoint] Zortea-Caflisch C, et al. **Ther Umsch** 1984 Dec; 41(12):863-8 (Eng. Abstr.) (Ger)
[Hyperpigmentation caused by amiodaron] Lakatos A, et al. **Orv Hetil** 1985 Jun 2;126(22):1343-5 (Eng. Abstr.) (Hun)
[Adverse reactions to externally applied drugs] Honda M. **Nippon Ika Daigaku Zasshi** 1984 Oct;51(5):539-43 (22 ref.) (Jpn)
[Allergens causing skin changes in dogs and humans. III. Drug allergens] Pomorski Z, et al. **Przegl Dermatol** 1985 Jan-Feb;72(1):31-5 (Eng. Abstr.) (Pol)
[Hypersensitivity syndrome caused by phenytoins and phenobarbital] Fonseca JC, et al. **Med Cutan Iber Lat Am** 1984;12(3):187-92 (Eng. Abstr.) (Por)
[Side effect of dimexide] Tsyrkunov LP, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):51-3 (Eng. Abstr.) (Rus)
[Bleomycin and cutaneous toxicity (letter)] Pedragosa R, et al. **Med Clin (Barc)** 1984 Oct 20;83(12):519 (Spa)
[Dermatitis caused by mexiletine (letter)] Ribera Pibernat M, et al. **Med Clin (Barc)** 1984 Dec 8;83(19):825 (Spa)
[Nickel sensitivity in an atopic patient] Rampoldi R, et al. **Med Cutan Ibero Lat Am** 1984;12(5):409-12 (Eng. Abstr.) (Spa)
[Skin irritations from chemicals—2 objective, predictive test methods] Wahlberg JE. **Lakartidningen** 1985 Mar 13; 82(11):952-3, 955 (Swe)

FAMILIAL & GENETIC

Pharmacogenetics and adverse drug reactions in the skin. Shear NH, et al. **Pediatr Dermatol** 1983 Oct;1(2):165-73

IMMUNOLOGY

The skin as an indicator of potential anaphylactoid reactions. Gowland G. **Ann Fr Anesth Reanim** 1985;4(2):173-5
Characterization of the humoral immune response to bovine collagen implants. McCoy JP Jr, et al. **Arch Dermatol** 1985 Aug;121(8):990-4
Drug-induced skin disease. Kaplan AP. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 2):573-9
[HLA typing and chloramphenicol allergy] Linss G, et al. **Dermatol Monatsschr** 1985;171(4):250-3 (Eng. Abstr.) (Ger)
[Lymphocyte proliferation test of experimental sulbenicillin rash] Aihara M, et al. **Nippon Hifuka Gakkai Zasshi** 1985 May;95(6):637-41 (Jpn)
[Immunological aspects of drug exanthema] Bjerke JR. **Tidsskr Nor Laegeforen** 1984 Nov 30;104(33):2326-8, 39 (Eng. Abstr.) (Nor)
[Humoral and cellular immunity in patients with drug-induced disease] Nesterenko GB, et al. **Vestn Dermatol Venerol** 1984 Nov;(11):41-4 (Eng. Abstr.) (Rus)

OCCURRENCE

Current cutaneous drug reaction patterns in Singapore. Fong PH, et al. **Singapore Med J** 1984 Oct;25(5):336-9
[Cutaneous side effects of penicillins. Reports to the committee on adverse drug reactions] Hovgaard C. **Ugeskr Laeger** 1984 Jun 11;146(24):1801-3 (Dan)
[Drugs most frequently causing shock and skin diseases in Poland] Rudzki E. **Przegl Dermatol** 1984 Nov-Dec; 71(6):603-8 (32 ref.) (Pol)

PATHOLOGY

Porokeratosis of Mibelli: benzylhydrochlorothiazide-induced new lesions accompanied by eosinophilic spongiosis. Inamoto N, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 2):357-61
[Granuloma formation following intracutaneous administration of procaine-polyvinylpyrrolidone] Bode U, et al. **Hautarzt** 1984 Sep;35(9):474-7 (Eng. Abstr.) (Ger)
[Skin pathology induced by drugs] Ribuffo A. **Minerva Med** 1984 Aug 25;75(32-33):1871-2 (Ita)

PREVENTION & CONTROL

Inhibition of dithranol inflammation by free-radical scavengers. Finnen MJ, et al. **Lancet** 1984 Nov 17; 2(8412):1129-30
[Change in skin reactivity in anaphylaxis to muscle relaxants and hypnotics after administration of anti H1, anti H2 and tritoqualine] Moneret-Vautrin DA, et al. **Ann Fr Anesth Reanim** 1985;4(2):225-30 (Eng. Abstr.) (Fre)
[Effect of coal tar on cignolin erythema—1 hour treatment of psoriasis with high-dose cignolin with and without tar] Schauder S, et al. **Z Hautkr** 1985 Jun 1;60(11):875-83 (Eng. Abstr.) (Ger)

RADIOGRAPHY

Hepatic falciform artery: anatomy, angiographic appearance, and clinical significance. Williams DM, et al. **Radiology** 1985 Aug;156(2):339-40

VETERINARY

[Skin necrosis in a horse as a consequence of a disinfection accident] Stanek C. **Tierarztl Prax** 1984;12(1):45-8 (Ger)

DERMATITIS, PHOTOCONTACT see **PHOTOSENSITIVITY DISORDERS**

DERMATITIS SEBORRHEICA see **SEBORRHEA**

DERMATITIS VENENATA see **DERMATITIS, CONTACT**

DERMATITIS VERRUCOSA see **CHROMOBLASTOMYCOSIS**

DERMATOGLYPHICS

Dermatoglyphic pattern of the 9p syndrome. Drusini A, et al. **Acta Anthropogenet** 1983;7(3):241-7
Genetic and environmental variation of ridge-counts on fingers, palms, soles and toes: a twin study. Jantz RL, et al. **Acta Genet Med Gemellol (Roma)** 1984;33(4):531-46
Zygosity testing: laboratory and the investigator's judgment. Segal NL. **Acta Genet Med Gemellol (Roma)** 1984; 33(3):515-21
Central pockets in dermatoglyphic analysis: classification, frequency, twin and family data. Vormittag W, et al. **Acta Genet Med Gemellol (Roma)** 1984;33(4):575-8
New wrinkles in fingerprint identification. Rosen VJ. **Am J Dermatopathol** 1984 Oct;6(5):511-3
Importance of examination of the clothed victim. Fingerprint identification of assailant from skin fragment on knifing victim's clothing. Rho YM. **Am J Forensic Med Pathol** 1985 Mar;6(1):19-20
Dermatoglyphics in Börjeson-Forssman-Lehmann syndrome. Flannery DB, et al. **Am J Med Genet** 1985 Jun; 21(2):401-4
Polymorphism of palmar C- and D-line terminations among the Sikligars of Chandigarh. Balgir RS. **Am J Phys Anthropol** 1984 Oct;65(2):199-200
Segregation analysis of a-b ridge count in human palms. Darlu P, et al. **Ann Hum Biol** 1984 Nov-Dec;11(6):537-44
Size and shape in dermatoglyphic analysis of palmar interdigital areas. Hauser G, et al. **Ann Hum Biol** 1985 Jan-Feb;12(1):53-66
Palmar pattern reduction among the Bushmen. Hrezcko TA, et al. **Ann Hum Biol** 1985 May-Jun;12(3):213-23
Palmar creases in Spaniards. Hernández M. **Anthropol Anz** 1985 Jun;43(2):187-90
Intra-familial correlations of dermatoglyphic traits in South

Sinai Bedouins. Kobyliansky E, et al. **Anthropol Anz** 1984 Dec;42(4):291-7

Fingerprint patterns in Alzheimer's disease. Weinreb HJ. **Arch Neurol** 1985 Jan;42(1):50-4

Dermatoglyphic findings in patients with fragile X-chromosome. Hirth L, et al. **Clin Genet** 1985 Feb; 27(2):118-21

An extended family study of ridge counts in two Indian populations. Hreczko TA, et al. **Hum Biol** 1985 May; 57(2):289-301

Dermatoglyphic distances between Israeli Jewish population groups of different geographic extraction. Micle S, et al. **Hum Biol** 1985 Feb;57(1):97-111

No difference in dermatoglyphics of fingers and palms between phenylketonuria patients and controls [letter] Steffens C. **Hum Genet** 1985;69(2):195

Some remarks on linkage with a quantitative character. Bener A. **Hum Hered** 1985;35(1):39-42

Quantitative and genetic features of epidermal ridge minutiae on the palm of twins. Okajima M, et al. **Hum Hered** 1984; 34(5):285-90

Dermatoglyphics in leprosy (I. Finger patterns). Ghei SK, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):855-60

Absence of triradius d on the palm of a leprosy patient. Gupta CM, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):852-4

Palmar dermatoglyphics in genodermatoses studied in a skin clinic. Premalatha S. **Indian J Dermatol** 1984 Jan;29(1):21-2

Dermatoglyphs in children with mitral valve prolapse. Tay JS, et al. **J Med Genet** 1985 Apr;22(2):135-6

Dermatoglyphic analyses of 32 parents of Prader-Willi syndrome individuals. Smith A, et al. **J Ment Defic Res** 1984 Dec;28 (Pt 4):275-80

Flexion creases in soles of Singaporean newborns. Wong JC, et al. **J Singapore Paediatr Soc** 1984;26(3-4):196-209

[Dermatoglyphics in genetic eye diseases: retinal pigmentosa and congenital color blindness] Zeng LH. **Chung Hua I Hsueh Tsa Chih** 1985 Feb;65(2):71-4 (Eng. Abstr.) (Chi)

[The palmar total ridge count in the normal population] Kuklík M, et al. **Cas Lek Cesk** 1984 Sep 7;123(36):1124-7 (Eng. Abstr.) (Cze)

[Dermatoglyphics in families with Potter type III polycystic kidney degeneration] Hauser G, et al. **Wien Klin Wochenschr** 1984 Nov 9;96(21):801-4 (Eng. Abstr.) (Ger)

[Papillary ridges of palmar interdigital fields—aspects of bilateral asymmetry] Hirth L, et al. **Z Morphol Anthropol** 1984;74(3):335-43 (Eng. Abstr.) (Ger)

[Cri-du-chat syndrome: palmar dermatoglyphics of diagnostic significance] Benigno V, et al. **Minerva Pediatr** 1985 Mar 31;37(5-6):251-3 (Eng. Abstr.) (Ita)

[Evaluation of the metacarpophalangeal profile (MPP) and of the dermatoglyphic pattern in Crouzon's syndrome] Pallotta R, et al. **Pediatr Med Chir** 1984 May-Jun; 6(3):401-3 (Eng. Abstr.) (Ita)

[Heredity and the bimanual asymmetry of human finger and palm dermatoglyphs] Poliukhov AM. **Genetika (Moskva)** 1984 Nov;20(11):1894-901 (Eng. Abstr.) (Rus)

[Dermatoglyphics in juvenile diabetes mellitus] Khamraeva FA, et al. **Pediatriia** 1985 Feb;(2):12-5 (Eng. Abstr.) (Rus)

[Dermatoglyphic markers of hereditary predisposition in patients with peptic ulcer, chronic gastritis and cholecystitis] Tsimmerman IaS, et al. **Vrach Delo** 1985 Jan; (1):16-9 (Eng. Abstr.) (Rus)

[Dermatoglyphic traits in the diagnosis and prognosis of epilepsy] Kharitonov RA, et al. **Zh Nevropatol Psikhiatr** 1985;85(6):861-7 (Eng. Abstr.) (Rus)

[Heritability of patterns on the fingertips and their use in determining the zygosity of twins] Skrinjarić I, et al. **Acta Med Iugosl** 1984;38(5):331-7 (Eng. Abstr.) (Scr)

[Determination of the zygosity of twins based on qualitative traits of palmar dermatoglyphics] Skrinjarić I, et al. **Lijec Vjesn** 1984 Nov-Dec;106(11-12):455-8 (Eng. Abstr.) (Scr)

[Dermatoglyphics in a sample of the Venezuelan population] Larrauri S, et al. **Acta Cient Venez** 1984;35(3-4):253-64 (Eng. Abstr.) (Spa)

[Dermatoglyphics in 2 Guaymi Indian populations of Costa Rica] Quesada M. **Rev Biol Trop** 1983 Nov;31(2):269-75 (Eng. Abstr.) (Spa)

[Characteristics of the dermatoglyphic pattern in a normal population] Galán Sánchez F, et al. **Rev Clin Esp** 1984 Oct 31;175(2):75-9 (Eng. Abstr.) (Spa)

CLASSIFICATION

Dermatoglyphic configurations of proximal and middle phalanges in Spaniards. Pons J. **Anthropol Anz** 1985 Mar; 43(1):69-74

METHODS

Statistical testing in dermatoglyphic studies [letter] Lendrem D. **Hum Hered** 1985;35(4):271-2

DERMATOLOGIC AGENTS

see related
ANTI-INFECTIVE AGENTS, LOCAL

Premature sebaceous gland hyperplasia: successful treatment with isotretinoin. Burton CS, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):182-4

Skin refrigerants [letter] Frost J. **J Dermatol Surg Oncol** 1984 Nov;10(11):911

Prevention of schistosomiasis [letter] Karstorp A. **JAMA** 1984 Dec 14;252(22):3129-30

[Protection from the cold. A further useful preventive measure] Greiter F. **Derm Beruf Umwelt** 1985;33(2):66-9 (Eng. Abstr.) (Ger)

ADMINISTRATION & DOSAGE

[The role of excipients in dermatology] de la Brassinne M, et al. **J Pharm Belg** 1985 Mar-Apr;40(2):113-8 (Eng. Abstr.) (Fre)

[Technology and preliminary evaluation of ointments that increase the elasticity of post-burn scars] Stożkowska W, et al. **Wiad Lek** 1984 Nov 15;37(22):1770-6 (Eng. Abstr.) (Pol)

ADVERSE EFFECTS

Cardiac dysrhythmias associated with chemical peeling with phenol. Warner MA, et al. **Anesthesiology** 1985 Mar; 62(3):366-7

Dermatitis produced by applications of monobenzone in patients with active vitiligo. Nordlund JJ, et al. **Arch Dermatol** 1985 Sep;121(9):1141-4

Synthetic retinoids in dermatology [letter] Houston CS. **Can Med Assoc J** 1985 Sep 15;133(6):546

Domoprednate (Stermonid), a topical D-homocorticosteroid, skin atrophy and telangiectasia. A double-blind, randomized comparison with hydrocortisone butyrate, betamethasone valerate, clobetasole propionate and placebo. Serup J, et al. **Dermatologica** 1985;170(4):189-94

Precocious puberty due to a diaper ointment. Healy CE. **Indiana Med** 1984 Aug;77(8):610

[Adverse reactions to externally applied drugs] Honda M. **Nippon Ika Daigaku Zasshi** 1984 Oct;51(5):539-43 (22 ref.) (Jpn)

[Side effects of drugs used in pediatric dermatology] Markova IV, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):38-42 (33 ref.) (Eng. Abstr.) (Rus)

ANALYSIS

Analysis of anthralin in dermatological products by reversed-phase high-performance liquid chromatography. Burton FW, et al. **J Chromatogr** 1985 Jun 28;328:317-24

[Furocoumarins in essential oils. Identification and determination of 5-methoxypsoralen in sun products] Herpol-Borremans M, et al. **J Pharm Belg** 1985 May-Jun; 40(3):147-58 (Eng. Abstr.) (Fre)

HISTORY

[Czechoslovakian mass-produced external dermatologic agents and trends in their development during the past 30 years] Melichar M. **Cesk Farm** 1984 Dec;33(10):433-9 (Eng. Abstr.) (Cze)

PHARMACODYNAMICS

[Keratoplastic effect of salicyclic acid, sulfur and a tensio-active mixture] Gloor M, et al. **Z Hautkr** 1984 Dec 15;59(24):1657-60 (Eng. Abstr.) (Ger)

[Biological properties of acetomepregenol ointment on the hydrophilic base CACAP] Alchangian LV, et al. **Vestn Dermatol Venerol** 1984 Dec;(12):52-5 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

Wound care forum. A dialogue on wound care. Cuzzell JZ. **Am J Nurs** 1985 Jun;85(6):715-6

Clinical therapeutic analysis of vitiligo phase—II. Khan HM. **Bangladesh Med Res Counc Bull** 1984 Dec;10(2):71-5

Topical agents for the skin: efficacy and safety. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):665

Placebo-controlled study of the efficacy of topical antihistaminics against histamine-induced pruritus. Milsmann E, et al. **Dermatologica** 1985;170(5):230-4

Skin diseases: current concepts, therapy. 2. Psoriasis. Potter B. **Indiana Med** 1985 Jun;78(6):496-8

Inhibition of cutaneous paresthesia resulting from synthetic pyrethroid exposure. Tucker SB, et al. **Int J Dermatol** 1984 Dec;23(10):686-9

Possibilities of liposomes as dynamic dosage form in dermatology. Westerhof W. **Med Hypotheses** 1985 Mar; 16(3):283-8

[First aid and treatment of burn patients] Sauër EW, et al. **Ned Tijdschr Geneeskd** 1984 Nov 10;128(45):2117-9 (Eng. Abstr.) (Dut)

[Protective skin ointments. Their value in preventing occupational dermatoses] Komp B. **Derm Beruf Umwelt** 1985;33(1):20-6 (Eng. Abstr.) (Ger)

[A new cosmetic topical drug—clinico-pharmacological properties and potential use] Albrecht-Nebe H, et al. **Dermatol Monatsschr** 1985;171(5):335-8 (Eng. Abstr.) (Ger)

[Chemosurgical treatment of xanthelasmas with Solcoderm] Büchner SA. **Z Hautkr** 1984 Nov 1;59(21):1435-43 (Eng. Abstr.) (Ger)

[Results of the treatment of superficial hyperkeratotic lesions with Solcoderm] Rogoziński T, et al. **Przegl Dermatol** 1984 May-Jun;71(3):287-90 (Eng. Abstr.) (Pol)

[Principles of clinical testing of new dermatological preparations] Sheklakov ND, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):30-2 (Rus)

DERMATOLOGY

see related
SKIN DISEASES

Georg Rajka: curriculum vitae et scripta. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:160-4

Civility among colleagues should be reciprocal. Ackerman AB. **Am J Dermatopathol** 1985 Apr;7(2):188

International cooperation in dermatology and dermatopathology. Some personal experiences. Baer RL. **Am J Dermatopathol** 1985 Feb;7(1):95-7

Chromatic fantasies. Color words in medicine. Dirckx JH. **Am J Dermatopathol** 1985 Apr;7(2):157-61

What is the liability of a general pathologist who acts as a dermatopathologist? Grossman SZ. **Am J Dermatopathol** 1984 Summer;6 Suppl:158

Designing medical books. King H. **Am J Dermatopathol** 1985 Apr;7(2):163-9

Activities, accomplishments, and aspirations of the International Society of Dermatopathology. Pierard GE. **Am J Dermatopathol** 1984 Oct;6(5):503-5

Dermatology patients and their doctors. Jowett S, et al. **Clin Exp Dermatol** 1985 May;10(3):246-54

Making title slides: a guide for physicians. Peng VT. **Cutis** 1985 Jan;35(1):59-62, 64

Dermatologists' referrals of prescriptions requiring compounding. Smith MC, et al. **Cutis** 1984 Nov; 34(5):489-91

The challenge of rural dermatologic care in developing countries. Cañizares O. **Int J Dermatol** 1985 Jun; 24(5):333-6

Epidemiologic approach to community dermatology. Desai SC, et al. **Int J Dermatol** 1985 Jun;24(5):308-12

Is the Year Book really necessary? Dupont C. **Int J Dermatol** 1985 May;24(4):243-4

Dermatologists should read their own slides [letter] Spigel GT. **Int J Dermatol** 1985 Jan-Feb;24(1):66

The real literature: a reading list for dermatologists. Caplan RM. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):901-3

Serologic survey for markers of hepatitis B infection in dermatologists. Leyden JJ, et al. **J Am Acad Dermatol** 1985 Apr;12(4):676-80

Articles selected from the nondermatologic literature of interest to dermatologists. Thiers BH. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):269-75

Clear-cut definitions [letter] Ioannides G. **J Dermatol Surg Oncol** 1985 Mar;11(3):214

A decade of accomplishment. The Journal of Dermatologic Surgery and Oncology [editorial] Robins P. **J Dermatol Surg Oncol** 1985 Mar;11(3):193-4

Diagnoses of skin disease: dermatologists vs. nondermatologists. Wagner RF Jr, et al. **J Dermatol Surg Oncol** 1985 May;11(5):476-9

A medical record with appropriate technology serves as a tool for upgrading dermatological practices in Thailand. Kotrajaras R, et al. **J Med Assoc Thai** 1985 Jan;68(1):24-8

Hepatitis in dermatologists [letter] Armati RP, et al. **Med J Aust** 1985 Jan 7;142(1):78

Benefits of cooperation between pediatric and dermatology staff [letter] Katzen D. **Pediatr Dermatol** 1983 Oct;1(2):179

[The establishment and development of the dermatological clinics of the University of Münster (Alfred Stühmer, Carl Moncorps and Paul Jordan)] Krutmann J, et al. **Hautarzt** 1985 May;36(5):294-8 (Eng. Abstr.) (Ger)

[Nosological reference-subject card index] Pasternak NI, et al. **Vestn Dermatol Venerol** 1984 Dec;(12):43-6 (Eng. Abstr.) (Rus)

ECONOMICS

Dermatology, medical care, the government, and us. Burnett JW. **Int J Dermatol** 1985 May;24(4):219-21

Medicine and the marketplace [editorial] Dobson RL. **J Am Acad Dermatol** 1985 Jun;12(6):1099-100

[Socioeconomic aspects of dermatologic surgery in medical practice] Schwenzer G. **Z Hautkr** 1985 Mar 1;60(5):430-2, 435-7 (Eng. Abstr.) (Ger)

EDUCATION

Continuing dermatologic education. Andragogy or pedagogy? Caplan RM. **Am J Dermatopathol** 1984 Oct; 6(5):507-9

Clinical dermatology: an exercise in gross dermatopathology. Kwittken J. **Ariz Med** 1985 Jul;42(7):404-6

How may one learn clinical dermatology through dermatohistopathology? Ackerman AB. **Cutis** 1985 Mar; 35(3):232-3

Dermatologic training in the People's Republic of China. Li HC. **Int J Dermatol** 1985 Mar;24(2):129-30

Special qualification in dermatologic immunology/diagnostic and laboratory immunology (DI/DLI). **J Am Acad Dermatol** 1985 May;12(5 Pt 1):898-900

Continuing education in pediatric dermatology: the role of pediatric and dermatologic journals. Hayden GF. **Pediatr Dermatol** 1983 Jul;1(1):69-73

[Selected dermatological problems in the armed forces for 40 years of the Polish People's Republic] Lańcucki J, et al. **Przegl Dermatol** 1984 May-Jun;71(3):201-7 (Pol)

[Method of teaching dermatovenereology] Mirakhmedov UM, et al. **Vestn Dermatol Venerol** 1985 Mar;(3):38-42 (Eng. Abstr.) (Rus)

[Methods of improving the teaching process at the Chair of Skin and Venereal Diseases] Skripkin IuK, et al. **Vestn Dermatol Venerol** 1985 Feb;(2):20-2 (Eng. Abstr.) (Rus)

[Teaching dermatovenereology in Algeria] Sukolin GI. **Vestn Dermatol Venerol** 1984 Aug;(8):35-7 (Eng. Abstr.) (Rus)

HISTORY

Duhring and his short-lived Photographic Review of Medicine and Surgery. Bussy RK. **Am J Dermatopathol** 1985 Apr;7(2):153-6

The man behind the eponym. Arnault Tzanck, his work and times. Cordero AA. **Am J Dermatopathol** 1985 Apr;7(2):121-3

Jews in dermatology [letter] King DF, et al. **Am J Dermatopathol** 1984 Aug;6(4):415-6

Dermatology in Edinburgh: the first 100 years. Savin JA. **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1762-4

History of epicutaneous testing: the blotting-paper and other methods. Foussereau J. **Contact Dermatitis** 1984 Oct;11(4):219-23

Reflections of a dermatology professor. Burnett JW. **Cutis** 1984 May;33(5):471-4

Department of Dermatology, Mayo Clinic. Perry HO. **Cutis** 1984 Sep;34(3):237-8

Arabian contributors to dermatology. Marquis L. **Int J Dermatol** 1985 Jan-Feb;24(1):60-4

History of tropical dermatology. Parish LC. **Int J Dermatol** 1985 Apr;24(3):191-3

In memoriam. Marion B. Sulzberger (1895-1983). A dermatologist's contributions to allergy. Cohen SG. **J Allergy Clin Immunol** 1984 Dec;74(6):855-60

Giants in dermatology. Callaway JL. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):144-7

History of medicine. The Department of Dermatology, University of Cape Town, 1922-1962. Lang R. **S Afr Med J** 1985 Jun 29;67(26):1065-6

[The Dermatology department of the Munich-Schabing Municipal Hospital in changing times] Breit K, et al. **Hautarzt** 1984 Nov;35(11):591-7 (Eng. Abstr.) (Ger)

[Significance of the creativity of Abu Ali Ibn Sina for modern dermatology] Belova LV. **Klin Med (Mosk)** 1985 Apr;63(4):140-3 (Eng. Abstr.) (Rus)

[On the centenary of the Chair of Dermatovenereology of the Bogomolets Kiev Medical Institute] Koliadenko VG, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):72-6 (Rus)

[50th anniversary of the Turkmenistan Scientific Research Institute of Skin Diseases] Rodiakin NF, et al. **Vestn Dermatol Venerol** 1984 Nov;(11):72-4 (Rus)

[Soviet dermatologists in World War II 1941-1945] Shaposhnikov OK, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):4-8 (Rus)

INSTRUMENTATION

The double-edge knife [letter] Truhan AP, et al. **Arch Dermatol** 1985 Aug;121(8):970-1

A portable instrument for quantifying erythema induced by ultraviolet radiation. Diffey BL, et al. **Br J Dermatol** 1984 Dec;111(6):663-72

New experimental approach to measure the skin-reflected light. Application to cutaneous erythema and blanching. Lévêque JL, et al. **Dermatologica** 1985;170(1):12-6

The infra-red coagulator and its role in dermatology [letter] Colver GB, et al. **Int J Dermatol** 1984 Sep;23(7):493

Dermatologic needs in drugs and instrumentation. Bickers DR, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 2):983-90

Sterilization and care of surgical instruments and supplies. Sebben JE. **J Am Acad Dermatol** 1984 Sep;11(3):381-92

Chemosurgical reports: cryostat update. Hanke CW, et al. **J Dermatol Surg Oncol** 1985 Jun;11(6):600-2

The modified skin hook: a new instrument in cutaneous surgery. Lerner SP. **J Dermatol Surg Oncol** 1985 Jun;11(6):586-8

What's new in equipment for medical photography (2). Rosenberg SP. **J Dermatol Surg Oncol** 1985 Mar;11(3):213-4

The Bernsco adapter. Stegman SJ, et al. **J Dermatol Surg Oncol** 1984 Sep;10(9):680-1

MANPOWER

Dermatology manpower projections. Ramsay DL, et al. **Arch Dermatol** 1984 Oct;120(10):1298-300

A surplus of dermatologists. Wherefrom and whereto. Weary PE. **Arch Dermatol** 1984 Oct;120(10):1295-7

METHODS

Skin surface stripping in diagnosing and monitoring inflammatory, xerotic, and neoplastic diseases. Pierard-Franchimont C, et al. **Pediatr Dermatol** 1985 Mar;2(3):180-4

UV radiometry in dermatology. Mackenzie LA. **Photodermatol** 1985 Apr;2(2):86-94 (28 ref.)

STANDARDS

Government intervention in American dermatology. Parish LC, et al. **Int J Dermatol** 1984 Jul-Aug;23(6):390-1

[Work standardization of personnel of bacteriological laboratories of dermato-venereological dispensaries (estimated time norms for individual microbiological tests] Iatsukha MV. **Vestn Dermatol Venerol** 1984 Oct;(10):33-6 (Eng. Abstr.) (Rus)

TRENDS

Dermatologic surgery: changing our specialty. Roenigk HH Jr. **Cutis** 1985 Apr;35(4):297-300

Fifty years of medical specialty certification--role of the American Board of Medical Specialties. Ferguson TB, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):911-6

The dermatologist as practitioner of science and art: bridging the credibility gap. Voorhees JJ. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):889-91

From 'descriptive'to 'dynamic' dermatopathology. Lever WF. **J Cutan Pathol** 1984 Dec;11(6):467-70

A decade of dermatologic surgery. Braun-Falco O, et al. **J Dermatol Surg Oncol** 1985 Mar;11(3):199-202, 208

[Current status of dermatology research] Katz SI. **Hautarzt** 1984 Aug;35(8):397-401 (Ger)

DERMATOLYSIS see CUTIS LAXA

DERMATOMEGALY see CUTIS LAXA

DERMATOMYCOSES

Blepharitis by Microsporum canis. Rysselaere M. **Bull Soc Belge Ophtalmol** 1983;207:93-6

Malassezia folliculitis in immunocompromised patients. Yohn JJ, et al. **Cutis** 1985 Jun;35(6):536-8

[Cutaneous alternariosis--clinical case report and review of the literature] Male O, et al. **Mykosen** 1985 Jun;28(6):278-305 (73 ref.) (Eng. Abstr.) (Ger)

[Fungal infections of the hand] Schuppli R. **Ther Umsch** 1985 Apr;42(4):255-8 (Eng. Abstr.) (Ger)

COMPLICATIONS

Skin pH on soles in patients with hereditary palmoplantar keratoderma and pathogenicity of dermatophytes. Nielsen PG. **Mykosen** 1985 Jun;28(6):310-2

[Mycological findings in andrological patients. Statistical study in the years 1971-1981] Salomo G, et al. **Z Hautkr** 1985 Jan;60(1-2):165-70 (Eng. Abstr.) (Ger)

DIAGNOSIS

Pityrosporum orbiculare--a pathogenic factor in atopic dermatitis of the face, scalp and neck? Waersted A, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:146-8

Skin-surface touch print for diagnosing fungal infections. Katz HI, et al. **Am Fam Physician** 1985 Apr;31(4):189-94

Osteomyelitis secondary to cutaneous mucormycosis. Report of a case and a review of the literature. Maliwan N, et al. **Am J Dermatopathol** 1984 Oct;6(5):479-81

Skin scrapings for dermatophyte diagnosis. Lauritz B. **Aust Fam Physician** 1984 Nov;13(11):823

Superficial fungal and mycobacterial infections of the skin. Ginsburg CM. **Pediatr Infect Dis** 1985 May-Jun;4(3 Suppl):S19-23

[A patient with eumycetoma in the Netherlands] de Bruyn HP, et al. **Ned Tijdschr Geneeskd** 1985 Jun 8;129(23):1099-101 (Eng. Abstr.) (Dut)

[Superficial cutaneous mycoses in children] Repesse G. **Ann Pediatr (Paris)** 1985 Feb;32(2):125-9 (Eng. Abstr.) (Fre)

[Histoplasma capsulatum histoplasmosis. Apropos of a disseminated form with skin lesions in a woman from Zaire] Carme B, et al. **Bull Soc Pathol Exot Filiales** 1984;77(5):653-7 (Eng. Abstr.) (Fre)

[Dermatophytic disease. Recent Algerian observations] Liautaud B, et al. **Bull Soc Pathol Exot Filiales** 1984;77(5):637-48 (Eng. Abstr.) (Fre)

[Mycoses in childhood] Seeliger HP, et al. **Tierarztl Prax** 1984;12(1):131-40 (Ger)

[Unusual localization of glabrous skin microsporosis caused by Microsporum canis] Meerzon TI. **Vestn Dermatol Venerol** 1985 May;(5):70-1 (Eng. Abstr.) (Rus)

[Lymphocutaneous sporotrichosis] Berner E, et al. **Rev Med Chil** 1984 Jun;112(6):577-81 (Eng. Abstr.) (Spa)

DRUG THERAPY

Oral ketoconazole as an alternative to griseofulvin in recalcitrant dermatophyte infections and onychomycosis. Svejgaard E. **Acta Derm Venereol (Stockh)** 1985;65(2):143-9

Granuloma and pseudogranuloma of the skin due to Microsporum canis. Successful management with local injections of miconazole. Barson WJ. **Arch Dermatol** 1985 Jul;121(7):895-7

Confluent and reticulate papillomatosis [letter] Kellet JK, et al. **Arch Dermatol** 1985 May;121(5):587-8

Beneficial effect of corticosteroid therapy in microsporum canis kerion. Keipert JA. **Australas J Dermatol** 1984 Dec;25(3):127-30

A comparative double blind study of ketoconazole and griseofulvin in dermatophytosis. Hay RJ, et al. **Br J Dermatol** 1985 Jun;112(6):691-6

Topical ketoconazole (2% dermatological cream) for the treatment of superficial dermatomycoses. Lopez-Gomez S, et al. **Chemioterapia** 1984 Jun;3(3):188-91

Cutaneous lymphatic sporotrichosis treated with ketoconazole--report of an infection acquired in the United Kingdom. Reshad H, et al. **Clin Exp Dermatol** 1984 Nov;9(6):599-603

International symposium on bifonazole. Copenhagen, June 21-23, 1984. **Dermatologica** 1984;169 Suppl 1:1-145

The pros and cons of an oral treatment of dermatomycosis. Fredriksson T. **Dermatologica** 1984;169 Suppl 1:67-8

Patient noncompliance in dermatomycosis. Results of a survey among dermatologists and general practitioners and patients. Meinhof W, et al. **Dermatologica** 1984;169 Suppl 1:57-66

Bifonazole--a synopsis of clinical trials worldwide. Status and outlook. Stettendorf S. **Dermatologica** 1984;169 Suppl 1:69-76

A new topical antifungal drug: tioconazole. Vander Ploeg DE, et al. **Int J Dermatol** 1984 Dec;23(10):681-3

A comparative study of once versus twice daily treatment of superficial dermatophyte and yeast infections with tioconazole (1%) cream. Kashin P, et al. **J Int Med Res** 1985;13(2):88-95

Screening test method for the determination of the in vitro activity of topical antimycotics. Gip L, et al. **Mykosen** 1984 Jul;27(7):348-54

Fenticonazole: a clinical trial. Persi A, et al. **Mykosen** 1985 Apr;28(4):206-9

Evaluation of Ketoconazole against Griseofulvin in the treatment of dermatophytes. Giam YC, et al. **Singapore Med J** 1984 Aug;25(4):260-7

[First case of subcutaneous phycomycosis seen in Gabon and treated successfully with ketoconazole] Piens MA, et al. **Bull Soc Pathol Exot Filiales** 1985;78(2):170-8 (Eng. Abstr.) (Fre)

[Effectiveness of miconazole and bifonazole cream in a single daily application. An open study] Dietz B, et al. **Fortschr Med** 1985 May 2;103(17):464-6 (Eng. Abstr.) (Ger)

[Treatment of dermatomycosis with naftifin. Therapeutic effectiveness following once and twice daily administration] Meinicke K, et al. **Mykosen** 1984 Dec;27(12):608-14 (Eng. Abstr.) (Ger)

[Naftifin in severe dermatomycosis--controlled comparison of efficacy with econazole] Nolting S, et al. **Mykosen** 1985 Feb;28(2):69-76 (Eng. Abstr.) (Ger)

[Bifonazole for the topical treatment of surface mycoses--progress!] Schubert E, et al. **Z Hautkr** 1984 Dec 15;59(24):1681-2, 1685-6 (Eng. Abstr.) (Ger)

[Multicenter double-blind contralateral comparison of naftifin and clotrimazole cream in patients with dermatophytosis and candidiasis] Zaun H, et al. **Z Hautkr** 1984 Sep 15;59(18):1209-17 (Eng. Abstr.) (Ger)

[Therapy experience with ketoconazole: a new dermatologic powder preparation of 2%] Amerighi F, et al. **G Ital Dermatol Venereol** 1984 Sep-Oct;119(5):XIII-XVI (Eng. Abstr.) (Ita)

[Ketoconazole in cutaneous mycoses] Balato N, et al. **G Ital Dermatol Venereol** 1985 Mar-Apr;120(2):XIII-XV (Eng. Abstr.) (Ita)

[Pevaryl milk in the treatment of mycoses in children. Multicenter clinical research] Bertelletti D, et al. **Minerva Pediatr** 1984 Jun 30;36(12):663-6 (Eng. Abstr.) (Ita)

ETIOLOGY

Follow-up study on Microsporum canis infections in Stockholm, Sweden [letter] Emtestam L, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):456

Association of splinters with chromomycosis and phaeomycotic cyst [letter] Connor DH, et al. **Arch Dermatol** 1985 Feb;121(2):168

The Pityrosporon yeasts. Their role as pathogens. Faergemann J, et al. **Int J Dermatol** 1984 Sep;23(7):463-5

Primary cutaneous aspergillosis in six leukemic children. Grossman ME, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):313-8

Opportunistic fungal infection of the burn wound. Imwidthaya S, et al. **J Med Assoc Thai** 1984 Apr;67(4):242-8

Microsporum canis infection of the scalp in an adult [letter] Edwards S, et al. **NZ Med J** 1985 Feb 13;98(772):74

[Cutaneous mucormycosis in a diabetic woman. Diagnostic and therapeutic problems] Eschard JP, et al. **Rev Med Interne** 1984 Nov;5(4):298-302 (Eng. Abstr.) (Fre)

IMMUNOLOGY

Immunological aspects of dermatophyte infections in hereditary palmo-plantar keratoderma. Gamborg Nielsen P. **Acta Derm Venereol (Stockh)** 1984;64(4):296-301

Localized cutaneous cryptococcosis in an immunosuppressed man. Geyer SJ, et al. **Int J Dermatol** 1984 Dec;23(10):673-5

Simultaneous visualization of human epidermal immunocompetent cells and hyphae. Emtestam L, et al. **Mykosen** 1985 Jan;28(1):50-2

Skin reactivity in atopic patients with dermatophytosis. Kaaman T. **Mykosen** 1985 Apr;28(4):183, 186-90

MICROBIOLOGY

Zygomycosis. Report of four cases with formation of chlamydoconidia in tissue. Chandler FW, et al. **Am J Clin Pathol** 1985 Jul;84(1):99-103
A simple stain for rapid office diagnosis of fungus infections of the skin. Burke WA, et al. **Arch Dermatol** 1984 Nov;120(11):1519-20
The cotton swab technic for the culture of dermatophyte infections—its efficacy and merit. Head ES, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):797-801
Dermatophyte infection in the diaper area: report of two cases. Hayden GF. **Pediatr Infect Dis** 1985 May-Jun;4(3):289-91
[Isolation, identification and frequency of dermatophytes in clinical specimens] Rizzu D, et al. **G Batteriol Virol Immunol** 1983 Jul-Dec;76(7-12):214-7 (Eng. Abstr.) (Ita)
[Influence of the substrate on culture and morphological characteristics of dermatophytes. Initial results relating to strains isolated from 586 patients] Vidotto V, et al. **G Batteriol Virol Immunol** 1983 Jan-Jun;76(1-6):118-26 (Eng. Abstr.) (Ita)
[Epidemiology and clinical aspects of Microsporum canis dermatophytosis in the province of Florence] Difonzo EM, et al. **G Ital Dermatol Venereol** 1984 Sep-Oct;119(5):311-4 (Eng. Abstr.) (Ita)
[Microsporum nanum. Report of the 2d case of human infection in Brazil] Camargo RM, et al. **Rev Inst Med Trop Sao Paulo** 1984 May-Jun;26(3):165-9 (Eng. Abstr.) (Por)
[Dermatomycosis in plaques caused by Botryomyces caespitosus. A new causative agent] Carapeto FJ, et al. **Med Cutan Ibero Lat Am** 1985;13(1):71-5 (Eng. Abstr.) (Spa)
[Mycological and clinical study of 102 cases of dermatosis] Wanke NC, et al. **Med Cutan Ibero Lat Am** 1984;12(6):483-7 (Eng. Abstr.) (Spa)
[Atypical strains of Microsporum canis] Avarez DP, et al. **Rev Latinoam Microbiol** 1984 Jan-Mar;26(1):81-5 (Eng. Abstr.) (Spa)
[Dermatophytosis caused by Aphanoascus fulvescens] Marín G, et al. **Sabouraudia** 1984;22(4):311-4 (Eng. Abstr.) (Spa)

OCCURRENCE

Hendersonula toruloidea and Scytalidium hyalinum infections in Tobago [letter] Allison VY, et al. **Br J Dermatol** 1984 Sep;111(3):371-2
Epidemiological trends of dermatophytoses and dermatophytes in Jerusalem between 1954 and 1981. Evron R, et al. **Mycopathologia** 1985 May;90(2):113-20
Microsporum canis infection in Slovenia (Yugoslavia) 1952-1983. Lunder M. **Mykosen** 1984 Oct;27(10):514-8
Natural history of endemic dermatophytoses in Bosnia and Herzegovina, Yugoslavia. Ozegovic L, et al. **Mykosen** 1985 Jun;28(6):265-70
Ecological and epidemiological aspects in dermatophytoses. De Vroey C. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Jul;257(2):234-9 (22 ref.)
[Ecology of fungi in the work area and the incidence of mycoses in Polish railroad workers] Banaszkiewicz H, et al. **Przegl Dermatol** 1984 Mar-Apr;71(2):135-40 (Eng. Abstr.) (Pol)
[Analysis of cases of dermatomycoses with reference to zoonotic mycoses in railway workers treated at the Research Center of the Railway Health Service 1978-1982] Banaszkiewicz H. **Przegl Dermatol** 1984 May-Jun;71(3):259-63 (Eng. Abstr.) (Pol)

PATHOLOGY

Pityrosporum folliculitis. Jillson OF. **Cutis** 1985 Mar;35(3):226-7
Pathology of granulomatous diseases. Mixed inflammatory granulomas. Hirsh BC, et al. **Int J Dermatol** 1984 Nov;23(9):585-97 (39 ref.)
Cutaneous cryptococcosis without evidence of systemic involvement. Sussman EJ, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 2):371-4
Phaeohyphomycotic cyst of the skin caused by Exophiala jeanselmei. Zackheim HS, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):207-12
Subcutaneous phaeohyphomycosis: a histopathological study of nine cases from Malawi. O'Donnell PJ, et al. **J Clin Pathol** 1985 Mar;38(3):288-92
An experimental model for transepidermal elimination of a dermatophytic granuloma. Balus L, et al. **Mykosen** 1985 Apr;28(4):195-9
Coccidioidomycosis with cutaneous involvement. Dickinson A, et al. **South Med J** 1984 Nov;77(11):1464-5
[Pityrosporum ovale in keratotic lesions of seborrheic areas] Bourlond A, et al. **Ann Dermatol Venereol** 1984;111(12):1081-5 (Eng. Abstr.) (Fre)
[Cutaneous Alternaria infection in a child] Puissant A, et al. **Ann Dermatol Venereol** 1984;111(8):753-4 (Fre)
[Cryptococcosis and torulopsidosis of the skin and lung and epidermodysplasia verruciformis in AIDS (acquired immune deficiency syndrome)] Grimm I. **Hautarzt** 1984 Dec;35(12):653-5 (Eng. Abstr.) (Ger)

RADIONUCLIDE IMAGING

Gallium-67 citrate localization in disseminated sporotrichosis. Moreno AJ, et al. **Clin Nucl Med** 1985 Jun;10(6):424-6

SURGERY

Anaesthesia for surgery in a patient with a transplanted heart. Bricker SR, et al. **Br J Anaesth** 1985 Jun;57(6):634-7
The surgical correction of residual facial disfigurement produced by rhinophycomycosis entomophthorae: a case report. Davidson T, et al. **Br J Plast Surg** 1985 Jan;38(1):97-100

TRANSMISSION

Sporotrichosis associated with an infected cat. Schiappacasse RH, et al. **Cutis** 1985 Mar;35(3):268-70
[Man as a source of zoonotic microsporosis caused by Microsporum canis] Sheklakov ND, et al. **Vestn Dermatol Venerol** 1984 Dec;(12):29-30 (Eng. Abstr.) (Rus)

VETERINARY

Phycomycosis in a dog. English PB, et al. **Aust Vet J** 1984 Sep;61(9):291-2
An outbreak of facial eczema in sheep. Greenwood PE, et al. **Aust Vet J** 1985 Feb;62(2):65-6
Fungal granuloma in a horse. Little CB, et al. **Aust Vet J** 1984 Sep;61(9):298-300
Cutaneous cryptococcosis in three cats. Medleau L, et al. **J Am Vet Med Assoc** 1985 Jul 15;187(2):169-70
Cutaneous pythiosis in beef calves. Miller RI, et al. **J Am Vet Med Assoc** 1985 May 1;186(9):984-6
Phycomycosis caused by Basidiobolus haptosporus in two horses. Owens WR, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):703-5
Subcutaneous phaeohyphomycosis (Stemphylium sp and Cladosporium sp infections) in a cat. Sousa CA, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):673-5
Aspergillosis in two San Esteban chuckwallas. Tappe JP, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1425-8
Isolation of dermatophytes from domestic animals in Norway. Stenwig H. **Nord Vet Med** 1985 May-Jun;37(3):161-9
Survey of fungal isolates from alopecic and asymptomatic dogs. van Cutsem J, et al. **Vet Rec** 1985 May 25;116(21):568-9
[Disinfection for dermatomycoses in veterinary practice] Rybnikář A, et al. **Vet Med (Praha)** 1985 Feb;30(2):119-28 (Eng. Abstr.) (Cze)
[Trial treatment of bovine dermatophilosis in Madagascar by injections of spiramycin] Ranaivoson A, et al. **Rev Elev Med Vet Pays Trop** 1984;37(3):260-7 (Eng. Abstr.) (Fre)

DERMATOMYOSITIS

Inflammatory myopathies: Part 2. Mastaglia FL, et al. **Ann Neurol** 1985 Apr;17(4):317-23 (0 ref.)
Prognosis in juvenile dermatopolymyositis: a cooperative retrospective study of 70 cases. Taieb A, et al. **Pediatr Dermatol** 1985 Jul;2(4):275-81
[Dermatomyositis—immunology, clinical course, pathologic anatomy and therapy] Göring HD, et al. **Dermatol Monatsschr** 1984;170(9):557-63 (Eng. Abstr.) (Ger)

BLOOD

Serum thymic factor in active dermatomyositis. Martinez-Cairo S, et al. **Arch Invest Med (Mex)** 1984 Jul-Sep;15(3):255-8 (Eng. Spa)

CHEMICALLY INDUCED

Penicillamine-induced myositis. Observations and unique features in two patients and review of the literature. Halla JT, et al. **Am J Med** 1984 Oct;77(4):719-22

COMPLICATIONS

Spontaneous perforation of the esophagus as a manifestation of dermatomyositis. Thompson JW. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):464-7
The frequency of malignant neoplasms in patients with polymyositis-dermatomyositis. A controlled study. Manchul LA, et al. **Arch Intern Med** 1985 Oct;145(10):1835-9
Cricopharyngeal obstruction in inflammatory myopathy (polymyositis/dermatomyositis). Report of three cases and review of the literature. Kagen LJ, et al. **Arthritis Rheum** 1985 Jun;28(6):630-6
A case of sclerodermatomyositis with cutaneous amyloidosis. Orihara T, et al. **Br J Dermatol** 1985 Feb;112(2):213-9
Dermatomyositis and lichen planus—an association or manifestation? Al-Najjar A, et al. **Clin Exp Dermatol** 1985 Mar;10(2):174-8
An autopsy case with Good's syndrome and dermatomyositis. Sakuma H, et al. **Clin Rheumatol** 1985 Jun;4(2):196-201
Dermatomyositis spares extraocular muscles [letter] Scoppetta C, et al. **Neurology** 1985 Jun;35(1):141
Gynecologic carcinoma associated with dermatomyositis-polymyositis. Verducci MA, et al. **Obstet Gynecol** 1984 Nov;64(5):695-8
Recurrent photosensitive dermatitis preceding juvenile dermatomyositis. Woo TR, et al. **Pediatr Dermatol** 1985 Mar;2(3):207-12
Pulmonary disease in polymyositis/dermatomyositis. Dickey BF, et al. **Semin Arthritis Rheum** 1984 Aug;14(1):60-76 (161 ref.)
[Dermatopolymyositis and pulmonary fibrosis associated with Gougerot-Sjogren syndrome. Study of 3 cases] Hatron PY, et al. **Rev Med Interne** 1985 Mar;6(2):97-103 (Eng. Abstr.) (Fre)
[Cardiovascular manifestations of dermatopolymyositis] Labriola E, et al. **Minerva Med** 1985 Jun 30;76(26-27):1257-64 (Eng. Abstr.) (Ita)
[Survey of the association of dermatomyositis and pulmonary fibrosis] Hidano A, et al. **Arerugi** 1985 Apr;34(4):245-51 (Eng. Abstr.) (Jpn)
[Clinical study on dermatomyositis-polymyositis complicated with herpes zoster] Nagaoka S, et al. **Kansenshogaku Zasshi** 1984 Oct;58(10):1033-7 (Eng. Abstr.) (Jpn)
[Anesthetic management of a patient with a dermatomyositis, malignancy and pulmonary dysfunction] Kashimoto S, et al. **Masui** 1985 Mar;34(3):354-7 (Eng. Abstr.) (Jpn)
[Primary lymphoma of the skin in a 10-year-old child with dermatomyositis] Lehotská V, et al. **Cesk Pediatr** 1984 Sep;39(9):528-31 (Eng. Abstr.) (Slo)

DIAGNOSIS

Prognostic factors in polymyositis/dermatomyositis. A computer-assisted analysis of ninety-two cases. Benbassat J, et al. **Arthritis Rheum** 1985 Mar;28(3):249-55
Clinical and serologic features of patients with polymyositis or dermatomyositis. Holden DJ, et al. **Can Med Assoc J** 1985 Mar 15;132(6):649-53
Dermatomyositis with calcinosis cutis. Case report 317. Magid D, et al. **Skeletal Radiol** 1985;14(2):126-
[The problem of dermatomyositis in patients with primary multiple malignant tumors] Tareev EM, et al. **Klin Med (Mosk)** 1985 Jun;63(6):41-4 (Rus)
[Acute dermatomyositis in an 8-year-old child] Svetlichnova GV, et al. **Pediatriia** 1985 Feb;(2):76 (Rus)
[Polymyositis and dermatomyositis in the metropolitan hospital complex of the Panama Department of Social Security. 1973. Clinical review and effects of treatment] Achurra Castillo AF, et al. **Rev Med Panama** 1985 Jan;10(1):1-14 (Eng. Abstr.) (Spa)

DRUG THERAPY

Combination immunosuppressive treatment of steroid-resistant dermatomyositis/polymyositis. Wallace DJ, et al. **Arthritis Rheum** 1985 May;28(5):590-2
Prednisolone pulse therapy for childhood systemic lupus erythematosus with prominent dermatomyositis. A case report. Wollina U, et al. **Dermatologica** 1985;171(1):45-8
[Steroid therapy and causes of death in dermatomyositis—report of 16 cases] Shi GY. **Chung Hua Nei Ko Tsa Chih** 1984 Dec;23(12):743-5, 790 (Eng. Abstr.) (Chi)
[Preliminary findings on suprapharmacologic steroid therapy in autoimmune diseases] Sönnichsen N, et al. **Dermatol Monatsschr** 1984;170(9):568-72 (Eng. Abstr.) (Ger)
[Treatment of an acute dermatomyositis with cyclosporin A] Zabel P, et al. **Immun Infekt** 1984 Feb;12(1):41-2 (Eng. Abstr.) (Ger)

ETIOLOGY

[Fulminating fatal dermatomyositis and myasthenia gravis after a bee sting (clinicopathological study)] Szobor A, et al. **Morphol Igazsagugyi Orv Sz** 1985 Jul;25(3):207-12 (Eng. Abstr.) (Hun)
[Dermatomyositis in a patient with melanoma of the foot] Golovchenko DIa, et al. **Vestn Dermatol Venerol** 1984 Dec;(12):50-2 (Eng. Abstr.) (Rus)

FAMILIAL & GENETIC

Familial occurrence of dermatomyositis and progressive scleroderma after injection of a local anaesthetic for dental treatment. Rose T, et al. **Eur J Pediatr** 1985 Jan;143(3):225-8

IMMUNOLOGY

Immunogenetic studies of juvenile dermatomyositis. III. Study of antibody to organ-specific and nuclear antigens. Pachman LM, et al. **Arthritis Rheum** 1985 Feb;28(2):151-7
The association between Mi-2 antibodies and dermatomyositis. Targoff IN, et al. **Arthritis Rheum** 1985 Jul;28(7):796-803
Nucleolar localization of the PM-Scl antigen. Targoff IN, et al. **Arthritis Rheum** 1985 Feb;28(2):226-30
Epidermal nuclear immunofluorescence: serological correlations supporting an in vivo reaction. Chen ZY, et al. **Br J Dermatol** 1985 Jan;112(1):15-22
Direct and indirect immunofluorescent findings in dermatomyositis. Chen Z, et al. **J Cutan Pathol** 1985 Feb;12(1):18-27
Antibody to Jo-1 in polymyositis/dermatomyositis: association with interstitial pulmonary disease. Hochberg MC, et al. **J Rheumatol** 1984 Oct;11(5):663-5

[Immunologic findings in dermatomyositis. Observations on 20 cases and a review of the literature] Giannetti A, et al. **G Ital Dermatol Venereol** 1985 Jan–Feb;120(1):19–28 (64 ref.) (Eng. Abstr.) (Ita)
[Demonstration of antinuclear antibodies in the epidermis of patients with progressive systemic sclerosis, generalized lupus erythematosus and dermatomyositis] Lamas Robles C, et al. **Rev Invest Clin** 1984 Apr–Jun;36(2):115–9 (Eng. Abstr.) (Spa)

METABOLISM

Dermatomyositis with prominent mucinous skin change. Histochemical and biochemical aspects of glycosaminoglycans. Igarashi M, et al. **Dermatologica** 1985; 170(1):6–11

PATHOLOGY

Dermatomyositis and polymyositis: clinical aspects. Kagen LJ. **Clin Exp Rheumatol** 1984 Jul–Sep;2(3):271–7 (49 ref.)
Calcinosis of the flexor and extensor tendons in dermatomyositis—case report. Ames EL, et al. **J Hand Surg [Am]** 1984 Nov;9(6):876–9
Inclusion body myositis: a case with associated collagen vascular disease responding to treatment. Lane RJ, et al. **J Neurol Neurosurg Psychiatry** 1985 Mar;48(3):270–3
Morphometric approaches to perifascicular atrophy in muscle biopsy: do they help to diagnose polymyositis? Paljärvi L, et al. **Neuropathol Appl Neurobiol** 1984 Sep–Oct; 10(5):333–41
[Dermatomyositis as a paraneoplastic manifestation in cancer of the upper respiratory and digestive tracts. Problems of its evolution and treatment] Sarafoleanu D, et al. **Rev Chir [Otorinolaringol]** 1985 Apr–Jun;30(2):107–10 (Eng. Abstr.) (Rum)
[Massive mesenteric necrosis in dermatopolymyositis of the adult (letter)] Rodríguez López I, et al. **Med Clin (Barc)** 1985 Jan 26;84(3):124 (Spa)

PHYSIOPATHOLOGY

Unusual case of childhood dermatomyositis [letter] Martini A, et al. **Ann Rheum Dis** 1985 May;44(5):356–7
Polymyositis/dermatomyositis: clinical features and outcome in 22 patients. Baron M, et al. **J Rheumatol** 1985 Apr; 12(2):283–6
Measurements of maximum respiratory pressures in polymyositis and dermatomyositis. Martin L, et al. **J Rheumatol** 1985 Feb;12(1):104–7

RADIOGRAPHY

Case report 314. Diagnosis: juvenile dermatomyositis with changes of the hallux typical of fibrodysplasia (myositis) ossificans progressiva. Young JW, et al. **Skeletal Radiol** 1985;13(4):318–21

THERAPY

[Plasma separation in severe juvenile dermatomyositis] Scharf JW, et al. **Monatsschr Kinderheilkd** 1985 Jan;133(1):49–51 (Eng. Abstr.) (Ger)

VETERINARY

Animal model of human disease. Dermatomyositis. Familial canine dermatomyositis. Hargis AM, et al. **Am J Pathol** 1985 Aug;120(2):323–5

DERMATOPHYTES

CLASSIFICATION

Keratinolytic activity and its use in the identification of dermatophytes. Buchta V, et al. **Acta Univ Palacki Olomuc Fac Med** 1985;108:53–61

CYTOLOGY

The spiral organ of dermatophytes. Simon G, et al. **Mykosen** 1985 Feb;28(2):90–7

DRUG EFFECTS

Comparison of the in vitro antifungal activities of clotrimazole, miconazole, econazole and exalamide against clinical isolates of dermatophytes. Kusunoki T, et al. **J Dermatol (Tokyo)** 1984 Jun;11(3):277–81

GROWTH & DEVELOPMENT

Effect of temperature on growth & survival of dermatophytes. Shukla NP, et al. **Indian J Med Res** 1984 May;79:617–23
[Growth and sporulation of dermatophytes in an unusual environment] Hiemer F, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 May;34(3):191–2 (Cze)

ISOLATION & PURIFICATION

Skin scrapings for dermatophyte diagnosis. Lauritz B. **Aust Fam Physician** 1984 Nov;13(11):823
Dermatophytes isolated from laboratory animals. López-Martínez R, et al. **Mycopathologia** 1984 Dec 30; 88(2–3):111–3
Evaluation of modified dermatophyte test medium for isolation of dermatophytes. A preliminary report. Banerjee U, et al. **Mykosen** 1984 Sep;27(9):465–9
Isolation of dermatophytes and other keratinophilic fungi from soil of Mussoorie (India). Deshmukh SK. **Mykosen** 1985 Feb;28(2):98–101
Keratinophilic fungi and dermatophytes in Lucknow soils with their global distribution. Jain M, et al. **Mykosen** 1985 Mar;28(3):148–53
Isolation of dermatophytes from domestic animals in Norway. Stenwig H. **Nord Vet Med** 1985 May–Jun; 37(3):161–9
[Isolation, identification and frequency of dermatophytes in clinical specimens] Rizzu D, et al. **G Batteriol Virol Immunol** 1983 Jul–Dec;76(7–12):214–7 (Eng. Abstr.) (Ita)
[Influence of the substrate on culture and morphological characteristics of dermatophytes. Initial results relating to strains isolated from 586 patients] Vidotto V, et al. **G Batteriol Virol Immunol** 1983 Jan–Jun;76(1–6):118–26 (Eng. Abstr.) (Ita)
[Isolation of geophilic dermatophytes on the Isla de la Juventud] Fernández Andreu C. **Rev Cubana Med Trop** 1984 Jan–Apr;36(1):71–7 (Eng. Abstr.) (Spa)
[Dermatophytes on the healthy skin of various body regions] López Martínez R, et al. **Rev Latinoam Microbiol** 1984 Oct–Dec;26(4):365–9 (Eng. Abstr.) (Spa)
[Dermatophytes isolated in the Sivas area of Turkey] Oztunali O, et al. **Mikrobiyol Bul** 1985 Jan;19(1):9–14 (Eng. Abstr.) (Tur)

METABOLISM

Biogenesis and metabolic significance of microbodies in urate-utilizing yeasts. Veenhuis M, et al. **Antonie Van Leeuwenhoek** 1985;51(1):33–43

PATHOGENICITY

Granulomatous reactions induced by lipids extracted from Fonsecaea pedrosoi, Fonsecaea compactum, Cladosporium carrionii and Phialophora verrucosum. Silva CL, et al. **J Gen Microbiol** 1985 Jan;131 (Pt 1):187–94

ULTRASTRUCTURE

[Scanning electron microscopic observations on the parasitic forms of fungi in tinea cruris] Kobayashi A. **Nippon Ika Daigaku Zasshi** 1985 Feb;52(1):73–9 (Eng. Abstr.) (Jpn)

DERMATOSCLEROSIS see **SCLERODERMA, CIRCUMSCRIBED**

DERMATOTOXINS see **DERMOTOXINS**

DERMOID see **DERMOID CYST**

DERMOID CYST

Sacrococcygeal teratomas in infants and children. Whalen TV Jr, et al. **Am J Surg** 1985 Sep;150(3):373–5
Median nasal dermoid fistula. Graham-Brown RA, et al. **Int J Dermatol** 1985 Apr;24(3):181–2
Nasal dermoid with intracranial involvement. Clark WD, et al. **Otolaryngol Head Neck Surg** 1985 Feb;93(1):102–4

COMPLICATIONS

Hypomelanosis of Ito associated with benign tumors and chromosomal abnormalities: a neurocutaneous syndrome. Ishikawa T, et al. **Brain Dev** 1985;7(1):45–9
Pharyngeal dermoid leading to respiratory failure in a neonate. Simpson RM, et al. **Eur J Pediatr** 1985 Jan; 143(3):209–10
Recurrent meningitis in a child. Maroun FB, et al. **Indian J Pediatr** 1984 May–Jun;51(410):355–7
Presacral dermoid. Gupta P, et al. **J Indian Med Assoc** 1985 Jan;83(1):15–6
Small-bowel changes secondary to intraperitoneal leakage from dermoid cyst of the ovary. Wolfe RD, et al. **Mt Sinai J Med (NY)** 1984 Jul–Aug;51(4):382–6
[Endogenous foreign body meningitis due to a spinal epidermoid] Stübecke W, et al. **Monatsschr Kinderheilkd** 1985 Jan;133(1):52–3 (Eng. Abstr.) (Ger)
[Pleural effusion due to rupture of benign cystic teratoma into left pleural cavity: a review of the Japanese literature] Tatsumura T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Nov;32(11):2013–20 (Eng. Abstr.) (Jpn)
[An infant case of Goldenhar syndrome associated with intracranial lesions] Shirakuni T, et al. **No To Hattatsu** 1985 May;17(3):251–5 (Eng. Abstr.) (Jpn)
[A case of autoimmune hemolytic anemia associated with ovarian dermoid cyst] Ikeda K, et al. **Rinsho Ketsueki** 1985 Feb;26(2):212–6 (Eng. Abstr.) (Jpn)
[Combination of sacrococcygeal dermoid cyst and intracranial epidermoid] Arias MJ. **Actas Luso Esp Neurol Psiquiatr** 1984 May–Jun;12(3):171–4 (Spa)
[Stein-Leventhal syndrome and cystic teratoma] Bernal Bastidas S, et al. **Ginecol Obstet Mex** 1984 Jan;52(321):15–8 (Eng. Abstr.) (Spa)

CONGENITAL

Congenital dermoid cysts at the anterior fontanelle. Report of three cases in Italian children. Stella L, et al. **Neurochirurgia (Stuttg)** 1984 Nov;27(6):186–9
Congenital nasal dermoid cysts and fistulas. Vibe P, et al. **Scand J Plast Reconstr Surg** 1985;19(1):105–7
[Association of an epithelial dermoid with alopecia and a sebaceous verrucose nevus: hologynic hereditary malformations] Streiff EB, et al. **Ophthalmologica** 1985; 190(2):67–71 (Eng. Abstr.) (Fre)
[Dermoid cyst of the anterior fontanel in an infant. Case report] Sekimoto H, et al. **Neurol Med Chir (Tokyo)** 1984 Nov;24(11):897–901 (Eng. Abstr.) (Jpn)

DIAGNOSIS

Autoimmune hemolytic anemia and dermoid cyst of the mesentery. A case report. Buonanno G, et al. **Cancer** 1984 Dec 1;54(11):2533–6
Intra-orbital dermoid. Sahoo IM, et al. **Indian J Ophthalmol** 1984 May–Jun;32(3):187–8
Bilateral ovarian cystic teratomata mimicking bilateral pure ovarian hemangiomata: case report. Feuerstein IM, et al. **Int J Gynecol Pathol** 1984;3(4):393–7
Sonographic demonstration of rupture of a cystic teratoma during pregnancy. Schaffer RM, et al. **J Ultrasound Med** 1984 Sep;3(9):425–7
Sonography of a large mediastinal teratoma with CT correlation. Oates E, et al. **JCU** 1985 May;13(4):278–80
Dermoid cyst of the middle ear and mastoid. Fried MP, et al. **Otolaryngol Head Neck Surg** 1984 Oct;92(5):594–6
Cystic ovarian teratomas: the sonographic appearance of the dermoid plug. Quinn SF, et al. **Radiology** 1985 May; 155(2):477–8
Intradural dermoid cyst. A case report. Goodrich A, et al. **Spine** 1984 Nov–Dec;9(8):832–4
[Current diagnostic criteria for intracranial epidermoid and dermoid cysts] Auque J, et al. **Neurochirurgie** 1985; 31(1):47–50 (Eng. Abstr.) (Fre)
[Clinical aspects of intracranial epidermoids and dermoids] Fried H, et al. **Zentralbl Neurochir** 1984;45(2):124–33 (Eng. Abstr.) (Ger)
[Dermoid cyst of the retroperitoneal space] Kaczmarek A. **Wiad Lek** 1984 Mar 15;37(6):470–3 (Eng. Abstr.) (Pol)
[Dermoid cyst of the retroperitoneal space] Borisova-Khromenko VM, et al. **Urol Nefrol (Mosk)** 1985 May–Jun;(3):67 (Rus)

DRUG THERAPY

[Case report of a non-seminomatous testicular neoplasm indicating marked efficacy of a combination chemotherapy of VBL, ACTD, BLM, CDDP and EX (VAB-4 combination therapy)] Hayashi M, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 2):2775–7 (Eng. Abstr.) (Jpn)

PATHOLOGY

A benign cystic teratoma with gastrointestinal tract development. Woodfield B, et al. **Am J Clin Pathol** 1985 Feb;83(2):236–40
Squamous cell carcinoma arising from ovarian benign cystic teratoma. Selim MA, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):790–2
Squamous cell carcinoma in a cystic teratoma of the ovary. Tang LC, et al. **Arch Gynecol** 1984;236(1):55–9
Malignant degeneration of benign cystic teratomas of the ovary. Review of the literature and report of a chondrosarcoma and carcinoid tumor. Climie AR, et al. **Cancer** 1968 Oct;22(4):824–32
Dermoid sinus of the nose with intracranial extension [letter] Uri M, et al. **Ear Nose Throat J** 1984 Oct;63(10):524–5
Sclerosing stromal tumor and bilateral teratomas: an unusual association. Valente PT, et al. **Gynecol Oncol** 1985 Jun; 21(2):252–9
Sonographic appearances of the wall of ovarian dermoid cysts. Nicolet V, et al. **J Can Assoc Radiol** 1984 Dec; 35(4):375–7
The s.c. 'hairy polyp' or 'dermoid' of the nasopharynx. (An unusual observation in older age). Resta L, et al. **J Laryngol Otol** 1984 Oct;98(10):1043–6
Primary malignant melanoma in an ovarian cystic teratoma. A case report and literature review. Parekh MA. **Mo Med** 1985 Jan;82(1):18–20
Benign cystic teratoma of ovary containing a homunculus. Inoue M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun;37(6):1050–3
Stage II benign cystic teratoma with malignant squamous degeneration. Seltzer V, et al. **NY State J Med** 1985 May; 85(5):224–5
Dental structures in benign ovarian cystic teratomas (dermoid cysts). A study of ten cases with a review of the literature. Dick HM, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):299–307
Dermoid cyst of the floor of the mouth: lateral teratoid cyst with sinus tract in an infant. Ohishi M, et al. **Oral Surg Oral Med Oral Pathol** 1985 Aug;60(2):191–4
Ependymal cyst of the ovary. A case report. Tiltman AJ. **S Afr Med J** 1985 Sep 14;68(6):424–5
Dermoid cysts [letter] Walters BC. **Surg Neurol** 1985 Feb; 23(2):202
[Solid ovarian teratoma] Szekeres G, et al. **Morphol Igazsagugyi Orv Sz** 1985 Jan;25(1):35–8 (Eng. Abstr.) (Hun)
[Benign teratoma in a supernumerary ovary] Scalia L, et al.

Pathologica 1984 Sep–Oct;76(1045):627–30 (Eng. Abstr.) (Ita)

[Adenosquamous carcinoma arising in a dermoid cyst (benign cystic teratoma) of the ovary—a case report] Irie J, et al. **Gan No Rinsho** 1984 Nov;30(14):1840–4 (Eng. Abstr.) (Jpn)

PHYSIOPATHOLOGY

The sublingual dermoid cyst. Report of five cases and review of the literature. Howell CJ. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):578–80

RADIOGRAPHY

Direct multiplanar CT findings in cystic teratoma of the ovary. Feldberg MA, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1131–5

[Teratoma and dermoid cyst of the mediastinum: radiologic diagnosis] Liu YW. **Chung Hua Wai Ko Tsa Chih** 1984 Oct;22(10):593–5, 537 (Eng. Abstr.) (Chi)

[A case of mediastinal teratoma (dermoid cyst) showing a giant mass shadow] Ide H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jun;22(6):529–34 (Eng. Abstr.) (Jpn)

[A case of mediastinal teratoma with an appearance of intra-pulmonary tumor] Kimura S, et al. **Rinsho Kyobu Geka** 1984 Jul;4(4):478–82 (Eng. Abstr.) (Jpn)

SURGERY

Surgery of pancreatic dermoid cyst with ligature of superior mesenteric vein. Lázaro da Silva A, et al. **Arq Gastroenterol** 1984 Oct–Dec;21(4):183–6

Post-chemotherapy surgery in advanced non-seminomatous germ-cell testicular tumours: the significance of histology with particular reference to differentiated (mature) teratoma. Tait D, et al. **Br J Cancer** 1984 Nov;50(5):601–9

Benign cystic teratoma of the ovary: a 6-year review. Lakkis WG, et al. **Can J Surg** 1985 Sep;28(5):444–6

[Microsurgery for intracranial extension of nasal dermoid sinus] Uri N, et al. **Harefuah** 1984 Sep;107(5–6):133–4 (Eng. Abstr.) (Heb)

[Cystic neoformations of the retroperitoneal space (4 case reports)] Danieli D, et al. **Chir Ital** 1983 Apr;35(2):157–79 (Eng. Abstr.) (Ita)

[Epidermoid of the third ventricle—report of a case] Shimizu Y, et al. **No Shinkei Geka** 1985 Jan;13(1):71–6 (Eng. Abstr.) (Jpn)

[Benign tumors and cysts of the mediastinum] Vagner EA, et al. **Vestn Khir** 1985 Mar;134(3):3–8 (Eng. Abstr.) (Rus)

ULTRASTRUCTURE

The nature of 'blue nevus' in cystic teratomas of the ovary. An ultrastructural evidence for Schwann cell origin. Kudo M. **Acta Pathol Jpn** 1985 May;35(3):693–8

VETERINARY

Ocular dermoids in Hereford cattle [letter] Bistner S. **Vet Pathol** 1984 Nov;21(6):553

Familial feline epibulbar dermoids. Hendy-Ibbs PM. **Vet Rec** 1985 Jan 5;116(1):13–4

DERMOTOXINS

BIOSYNTHESIS

A test in vero cell monolayers for toxin production by strains of Pasteurella multocida isolated from pigs suspected of having atrophic rhinitis. Pennings AM, et al. **Vet Microbiol** 1984 Sep;9(5):503–8

ISOLATION & PURIFICATION

Intracellular locations of dermonecrotic toxins in Pasteurella multocida and in Bordetella bronchiseptica. Nakai T, et al. **Am J Vet Res** 1985 Apr;46(4):870–4

TOXICITY

Characterization of dermonecrotic toxin produced by serotype D strains of Pasteurella multocida. Nakai T, et al. **Am J Vet Res** 1984 Nov;45(11):2410–3

DESCEMET'S MEMBRANE

Management of corneal descemetoceles and perforations. Arentsen JJ, et al. **Ophthalmic Surg** 1985 Jan;16(1):29–33

ABNORMALITIES

Surgery for Peters' anomaly. Naumann GO. **Dev Ophthalmol** 1985;11:156

ANALYSIS

Characterization of the Descemet's membrane/posterior collagenous layer isolated from Fuchs' endothelial dystrophy corneas. Kenney MC, et al. **Exp Eye Res** 1984 Sep;39(3):267–77

GROWTH & DEVELOPMENT

Prenatal and postnatal growth of the human Descemet's membrane. Murphy C, et al. **Invest Ophthalmol Vis Sci** 1984 Dec;25(12):1402–15

INJURIES

Descemet's membrane detachment by sodium hyaluronate. Hoover DL, et al. **Arch Ophthalmol** 1985 Jun;103(6):805–8

[Studies on the causative factor of the Descemet's membrane ruptures at birth on the development of form vision deprivation amblyopia] Yagasaki T, et al. **Nippon Ganka Gakkai Zasshi** 1985 May;89(5):676–82 (Eng. Abstr.) (Jpn)

PATHOLOGY

Radiating folds in Descemet's membrane as a sign of impending corneal perforation. Goosey JD, et al. **Am J Ophthalmol** 1984 Nov;98(5):625–6

SURGERY

Corneal endothelial trauma after Descemet's membranotomy with the neodymium-YAG laser. Slomovic AR, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):484–5

Repositioning of Descemet's membrane: a case report. Booth FM, et al. **Aust J Ophthalmol** 1984 Nov;12(4):341–3

DESENSITIZATION, IMMUNOLOGIC

Non-specific immunotherapy and specific hyposensitization in severe atopic dermatitis. Zachariae H, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:48–54

Levels of complement factors and immunoglobulins in asthmatic children undergoing hyposensitization. Casteilote MC, et al. **Allergol Immunopathol (Madr)** 1984 Jul–Aug;12(4):259–66

Comparison of long term treatment of asthmatic children with hyposensitization, ACTH, DSCG and Ketotifen. Osváth P, et al. **Allergol Immunopathol (Madr)** 1984 Nov–Dec;12(6):471–7

Oral specific hyposensitization in the management of patients allergic to food. Patriarca C, et al. **Allergol Immunopathol (Madr)** 1984 Jul–Aug;12(4):275–81

Hyposensitization with a tyrosine adsorbed extract of Dermatophagoides pteronyssinus in adults with perennial rhinitis. A controlled clinical trial. Blainey AD, et al. **Allergy** 1984 Oct;39(7):521–8

Allopurinol hypersensitivity in a patient with severe, chronic, tophaceous gout. Webster E, et al. **Arthritis Rheum** 1985 Jun;28(6):707–9

Development of polymerized allergens for immunotherapy. Grammer LC, et al. **Asian Pac J Allergy Immunol** 1983 Jun;1(1):55–8

Cutaneous insulin allergy responsive to oral desensitisation and aspirin. Holdaway IM, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1565–6

Desensitization of contract allergy to 2,4-dinitro-1-fluorobenzene in mice. II. Characteristics of 'immediate' desensitization. Mekori YA, et al. **Cell Immunol** 1984 Nov;89(1):84–94

A controlled trial of oral hyposensitization in pollen asthma and rhinitis in children. Cooper PJ, et al. **Clin Allergy** 1984 Nov;14(6):541–50

A new approach to immunotherapy for house dust mite (D. pteronyssinus) allergy with high dosage of an aluminium adsorbed extract. Eaton K. **Curr Med Res Opin** 1984;9(4):235–9

A study of delayed hypersensitivity and desensitization in guinea pigs after Brucella infection. Lu SL. **Dev Biol Stand** 1984;56:317–21

IgE and IgG1, 2, 4 in desensitization of pollen asthma. Chien YK, et al. **Hawaii Med J** 1984 Nov;43(11):410, 412

Detection of blocking antibodies after hyposensitization. Castell M, et al. **Immunobiology** 1985 Feb;169(1):30–6

Altered interleukin-2 (IL-2) production and responsiveness after hyposensitization to house dust. Hsieh KH. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):188–94

Suppression of Ag-induced release of EP (IL 1) by spleen cells of specifically desensitized donors: evidence for the role of a suppressor cell. Atkins E, et al. **J Immunol** 1985 Apr;134(4):2436–43

Biochemical analysis of desensitization of mouse mast cells. Ishizaka T, et al. **J Immunol** 1985 Jul;135(1):492–501

Discontinuation of bee venom immunotherapy in children and adolescents. Urbanek R, et al. **J Pediatr** 1985 Sep;107(3):367–71

Adverse reactions to carbamazepine managed by desensitisation [letter] Smith H, et al. **Lancet** 1985 Mar 30;1(8431):753

Remission of life-long atopic dermatitis after hyposensitisation to house dust mite. Chait I, et al. **Practitioner** 1985 Jul;229(1405):609, 612

[How often need a booster dose be given after desensitization with bee and wasp venom?] Oei HD. **Ned Tijdschr Geneeskd** 1985 Jun 29;129(26):1225–6 (Dut)

[When is desensitization with bee and wasp venoms indicated in children?] Oei HD, et al. **Ned Tijdschr Geneeskd** 1984 Sep 22;128(38):1816 (Dut)

[Serum assay of anti-wasp venom IgG by radioimmunoprecipitation. Application to patients during desensitization] Guilloux L, et al. **Pathol Biol (Paris)** 1984 Sep;32(7):785–90 (Eng. Abstr.) (Fre)

[Evaluation of basic treatment of asthmatic disease. Apropos of 150 cases] Dakhlia S, et al. **Tunis Med** 1984 May–Jun;62(3):261–4 (Fre)

[Hyposensitization in wasp venom and bee venom allergy] Forck G. **Med Monatsschr Pharm** 1985 Apr;8(4):107–12 (Ger)

[Specific bronchial reactivity following long-term specific immunotherapy in children and adults] Götz M, et al. **Prax Klin Pneumol** 1984 Jul;38(7):263–6 (Eng. Abstr.) (Ger)

[Efficacy of tranilast administration and specific hyposensitization therapy of atopic dermatitis] Gondo A, et al. **Arerugi** 1985 May;34(5):310–9 (Eng. Abstr.) (Jpn)

[A study on in vitro histamine release in patients with sea-squirt asthma in relationship to specific hyposensitization therapy] Tanifuji K. **Arerugi** 1984 Jun;33(6):357–63 (Eng. Abstr.) (Jpn)

[Specific desensitization of patients with allergic rhinitis and susceptibility to bronchial asthma] Gniazdowski R, et al. **Pol Tyg Lek** 1985 Mar 25–31;40(12–13):357–9 (Pol)

[Immune complexes during specific immunotherapy in patients with hay fever] Rogala E, et al. **Pol Tyg Lek** 1984 Jul 30;39(31):1027–9 (Eng. Abstr.) (Pol)

[Specific immunotherapy of atopic diseases] Romański B. **Pol Tyg Lek** 1984 Jul 30;39(31):1021–6 (Pol)

[Radioimmunologic tests in specific immunotherapy of atopic rhinitis] Ligeziński A. **Wiad Lek** 1984 Dec 1;37(23):1846–50 (Eng. Abstr.) (Pol)

[Effectiveness and potentials of specific hyposensitizing treatment for allergic rhinitis in children] Toader V, et al. **Rev Chir [Otorinolaringol]** 1985 Apr–Jun;30(2):81–8 (Eng. Abstr.) (Rum)

[Treatment of patients with chronic obstructive bronchitis and concomitant obesity with a hyposensitizing reducing diet] Butenko GE, et al. **Vopr Pitan** 1985 Jan–Feb;(1):15–8 (Rus)

[The histamine liberation test as a diagnostic parameter and its possible modification following specific immunotherapy] Engel P, et al. **Allergol Immunopathol (Madr)** 1985 Mar–Apr;13(2):93–100 (Eng. Abstr.) (Spa)

[Hyposensitization therapy: current status] Fiandor Román AM, et al. **An Esp Pediatr** 1985 Apr 15;22(5):345–8 (Spa)

ADVERSE EFFECTS

Persistent subcutaneous nodules in children hyposensitized with aluminium-containing allergen extracts. Frost L, et al. **Allergy** 1985 Jul;40(5):368–72

Long-term hyposensitization and adverse immunologic responses. A laboratory evaluation. Negrini AC, et al. **Ann Allergy** 1985 Jun;54(6):534–7

Bee venom hyposensitization [letter] Ford RM. **Med J Aust** 1985 Mar 18;142(6):375

[Treatment of adverse effects during specific hyposensitization therapy] Munno G, et al. **Clin Ter** 1985 May 15;113(3):235–8 (Eng. Abstr.) (Ita)

METHODS

Clustered immunotherapy with Yellow Jacket venom. Evaluation of the influence of time interval on in vivo and in vitro parameters. Malling HJ, et al. **Allergy** 1985 Jul;40(5):373–83

Oral administration of grass pollen to hay fever patients. An efficacy study in oral hyposensitization. Taudorf E, et al. **Allergy** 1985 Jul;40(5):321–35

Clinical trial of hyposensitisation in hay fever: two methods of relating symptom scores to daily pollen counts. Wilkinson P, et al. **Allergy** 1984 Aug;39(6):463–8

Immunological investigation and treatment of rhinitis and bronchial asthma. Sharp A. **Aust Fam Physician** 1985 Jun;14(6):489–97

Comparison between rush immunotherapy with a standardized allergen and an alum adjuved pyridine extracted material in grass pollen allergy. Bousquet J, et al. **Clin Allergy** 1985 Mar;15(2):179–93 (48 ref.)

A comparison of the clinical and immunological effects of an alum-precipitated five-grass extract with a conjugated two-grass extract in the desensitization of hay fever. Dorward AJ, et al. **Clin Allergy** 1984 Nov;14(6):561–70

Penicillin allergy and desensitization in serious infections during pregnancy. Wendel GD Jr, et al. **N Engl J Med** 1985 May 9;312(19):1229–32

[Rush desensitization to respiratory allergens] Bousquet J, et al. **Presse Med** 1984 Dec 8;13(44):2679–83 (Eng. Abstr.) (Fre)

[Fast desensitization to pneumallergens (letter)] Leynadier F, et al. **Presse Med** 1985 Jun 15;14(24):1339 (Fre)

[Accelerated desensitization in asthma using delayed-action allergens] Chabbou A, et al. **Tunis Med** 1984 May–Jun;62(3):213–6 (Eng. Abstr.) (Fre)

[200 cases of allergic asthma treated with specific desensitization] Kammoun R, et al. **Tunis Med** 1984 May–Jun;62(3):217–20 (Eng. Abstr.) (Fre)

[Accelerated desensitization to lung allergens] Michel FB, et al. **Tunis Med** 1984 May–Jun;62(3):201–7 (Fre)

[Diagnostic and therapeutic aspects in the treatment of bee venom allergy] Wenz W, et al. **Z Gesamte Inn Med** 1984 Nov 1:39(21):530–3 (Eng. Abstr.) (Ger)

VETERINARY

Double-blind flea hyposensitization trial in cats. Kunkle GA, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):677–80

DESENSITIZATION (PSYCHOLOGY) see under BEHAVIOR THERAPY

DESERT CLIMATE

Renal excretion of urea in response to changes in nitrogen intake in desert (black Bedouin) and non-desert (Swiss Saanen) goats. Silanikove N. **Comp Biochem Physiol [A]** 1984;79(4):651–4

Social and public health implication of water supply in arid zones in the Sudan. Awad el Karim MA, et al. **Soc Sci Med** 1985;20(4):393–8

[Nutritional problems among adults in the Sahel] Sankalé M, et al. **Med Trop (Mars)** 1984 Apr–Jun;44(2):107–11 (Eng. Abstr.) (Fre)

[Effect of the supplementary administration of ascorbic acid to the daily diet of the degree of vitamin saturation of the body and erythrocyte thermal resistance during work in an arid zone] Mommadov IM, et al. **Fiziol Cheloveka** 1985 Jan–Feb;11(1):129–33 (Rus)

[Physiological characteristics of the work of the personnel of a power plant in an arid region] Mommadov IM, et al. **Gig Tr Prof Zabol** 1984 Oct;(10):50–1 (Rus)

[Level of parasitic contact in colonies of the little suslik in the semideserts of western Kazakhstan] Shevchenko GV, et al. **Parazitologiia** 1984 Nov–Dec;18(6):459–63 (Eng. Abstr.) (Rus)

[Characteristics of the medical support for small units in field exercises and operations in a mountainous desert area] Kozlov AP. **Voen Med Zh** 1985 Jun;(6):50–2 (Rus)

[Organization of the medical evacuation of the wounded and sick in a mountain-desert area (2d report)] Sidel'nikov AI. **Voen Med Zh** 1985 Jan;(1):21–5 (Rus)

ADVERSE EFFECTS

Heat-related problems in the desert: the environment can be an enemy. Kerstein M, et al. **Milit Med** 1984 Dec;149(12):650–6

DESFERRIOXAMINE see DEFEROXAMINE

DESICCATION

see related

FREEZE DRYING

Perfusion dehydration fixes elastin and preserves lung air-space dimensions. Oldmixon EH, et al. **J Appl Physiol** 1985 Jan;58(1):105–13

[Luminescence microscopy determination of the survival of yeasts after dehydration] Rapoport AI, et al. **Mikrobiologiia** 1985 Jan–Feb;54(1):66–8 (Eng. Abstr.) (Rus)

METHODS

Oven-drying method for polyacrylamide gel slab packed in cellophane sandwich. Juang RH, et al. **Anal Biochem** 1984 Sep;141(2):348–50

Dehydration of post-mortem eyes for practice and experimental surgery. Swinger CA, et al. **Ophthalmic Surg** 1985 Mar;16(3):182–3

[Desiccation of composite fillings for scanning electron microscopic studies—a methodological study] Roulet JF, et al. **Schweiz Monatsschr Zahnmed** 1984 Oct;94(10):1049–60 (Eng. Abstr.) (Fre)

DESICKLING AGENTS see ANTISICKLING AGENTS

DESIGN, EQUIPMENT see EQUIPMENT DESIGN

DESIPRAMINE

ADVERSE EFFECTS

Trazodone-induced mania following desipramine-induced mania in major depressive disorders [letter] Arana GW, et al. **Am J Psychiatry** 1985 Mar;142(3):386

Desipramine-induced delirium at 'subtherapeutic' concentrations: a case report. Kutcher SP, et al. **Can J Psychiatry** 1985 Aug;30(5):368–9

ANALOGS & DERIVATIVES

Desipramine and 2-hydroxydesipramine plasma levels in endogenous depressed patients. Lack of correlation with therapeutic response. Amsterdam JD, et al. **Arch Gen Psychiatry** 1985 Apr;42(4):361–4

BLOOD

Desipramine and 2-hydroxydesipramine plasma levels in endogenous depressed patients. Lack of correlation with therapeutic response. Amsterdam JD, et al. **Arch Gen Psychiatry** 1985 Apr;42(4):361–4

High-performance liquid chromatographic determination of imipramine and desipramine in human serum. Kobayashi A, et al. **J Chromatogr** 1984 Dec 12;336(2):410–4

Relationship of desipramine plasma levels to therapeutic response: a critical reappraisal of the data. Friedel RO. **J Clin Psychiatry** 1984 Oct;45(10 Pt 2):46–9 (10 ref.)

Desipramine plasma levels and response in elderly melancholic patients. Nelson JC, et al. **J Clin Psychopharmacol** 1985 Aug;5(4):217–20

Uptake and/or binding of tricyclic antidepressants in human red cells. Javaid JI, et al. **Life Sci** 1985 May 6;36(18):1761–9

Cimetidine-induced alterations in desipramine plasma concentrations. Amsterdam JD, et al. **Psychopharmacology (Berlin)** 1984;83(4):373–5

Monitoring of serum levels of imipramine and desipramine and individualization of dose in enuretic children. de Gatta MF, et al. **Ther Drug Monit** 1984;6(4):438–43

CEREBROSPINAL FLUID

Cerebrospinal fluid levels of amitriptyline, nortriptyline, imipramine and desmethylimipramine. Relationship to plasma levels and treatment outcome. Hanin I, et al. **J Affective Disord** 1985 Jul;9(1):69–78

METABOLISM

Inhibition of desmethylimipramine 2-hydroxylation by drugs in human liver microsomes. von Bahr C, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2501–5

Phenotypic consistency in hydroxylation of desmethylimipramine and debrisoquine in healthy subjects and in human liver microsomes. Spina E, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):677–82

Nonlinear desipramine pharmacokinetics: a case study. Dugas JE, et al. **J Clin Psychopharmacol** 1985 Feb;5(1):43–5

Interethnic dissociation between debrisoquine and desipramine hydroxylation. Rudorfer MV, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):89–92

Idiosyncratic pharmacokinetics complicating treatment of major depression in an elderly woman. Glassman JN, et al. **J Nerv Ment Dis** 1985 Sep;173(9):573–6

Desipramine binding: relationship to central and sympathetic noradrenergic activity. Swann AC, et al. **J Neurochem** 1985 Feb;44(2):611–5

Imipramine and desipramine disposition in the elderly. Abernethy DR, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):183–8

PHARMACODYNAMICS

Opioid peptides and receptors in relation to affective illness. Effects of desipramine and lithium on opioid receptors in rat brain. Stengaard-Pedersen K, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:170–9

Monoamine uptake inhibitors attenuate ethanol intake in alcohol-preferring (P) rats. Murphy JM, et al. **Alcohol** 1985 Mar–Apr;2(2):349–52

Effect of chronic desmethylimipramine or electroconvulsive shock on selected brain and platelet neurotransmitter recognition sites. Abel MS, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):679–83

Electrophysiological effects of the tricyclic antidepressant desipramine on mammalian myocardium. Nilius B. **Biomed Biochim Acta** 1984;43(7):1005–16

Plasma melatonin during desmethylimipramine treatment: evidence for changes in noradrenergic transmission. Cowen PJ, et al. **Br J Clin Pharmacol** 1985 Jun;19(6):799–805

Comparison of the effects of chronic administration of ciclazindol and desipramine on pupillary responses to tyramine, methoxamine and pilocarpine in healthy volunteers. Kerr FA, et al. **Br J Clin Pharmacol** 1985 May;19(5):639–47

Effect of age on the rate of recovery of beta-adrenergic receptors in rat brain following desmethylimipramine-induced subsensitivity. Greenberg LH, et al. **Brain Res** 1985 Feb 25;328(1):81–8

Effect of chronic desipramine treatment on adrenoceptor modulation of [3H]dopamine release from rat nucleus accumbens slices. Nurse B, et al. **Brain Res** 1985 May 20;334(2):235–42

Effect of chronic reserpine and desmethylimipramine treatment on CRF-like immunoreactivity of discrete brain areas of rat. Tizabi Y, et al. **Brain Res** 1985 Jun 3;335(2):389–91

Effects of desipramine on stimulation-induced contractions of the vas deferens of rats pretreated either chronically with desipramine or acutely with idazoxan. Doxey JC, et al. **Clin Sci** 1985;68 Suppl 10:155s–159s

Immediate vs. long-term desmethylimipramine or chlorimipramine: effects on regional cerebral blood flow. Buchweitz E, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):19–26

Effect of steroids on the inhibition of platelet 5HT uptake by desipramine and other antidepressants. Lee PH, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):255–62

Tetrabenazine-induced depletion of brain monoamines: mechanism by which desmethylimipramine protects cortical norepinephrine. Pettibone DJ, et al. **Eur J Pharmacol** 1984 Jul 20;102(3–4):431–6

Why is amitriptyline much weaker than desipramine at decreasing beta-adrenoceptor numbers? Wise H, et al. **Eur J Pharmacol** 1985 Mar 26;110(1):137–41

A pivotal role for serotonin (5HT) in the regulation of beta adrenoceptors by antidepressants: reversibility of the action parachlorophenylalanine by 5-hydroxytroptophan. Manier DH, et al. **Experientia** 1984 Nov 15;40(11):1223–6

Tricyclic antidepressants antagonize prostaglandin (PG) E2-induced contractions of the guinea pig ileum and hypomotility in the mouse. Tayo FM. **Experientia** 1985 Apr 15;41(4):474–6

Regulation of neurotransmitter receptors by desipramine and other antidepressant drugs: the neurotransmitter receptor hypothesis of antidepressant action. Stahl SM. **J Clin Psychiatry** 1984 Oct;45(10 Pt 2):37–45 (65 ref.)

The hypothalamic and neurohypophysial oxytocin content as influenced by desmethylimipramine in normal and pinealectomized white male rats. Guzek JW, et al. **J Neural Transm** 1985;62(1–2):125–36

Inhibition of the retrograde axonal transport of acetylcholinesterase by the anti-calmodulin agents amitriptyline and desipramine. Tiberi M, et al. **J Neurobiol** 1985 May;16(3):245–8

Adenosine mechanisms are not affected by antidepressant concentrations of desipramine. Jonzon B, et al. **J Pharm Pharmacol** 1984 Dec;36(12):846–8

Long-term desipramine treatment attenuates clonidine-induced suppression of ventral tegmental self-stimulation. Aulakh CS, et al. **Life Sci** 1985 Feb 4;36(5):443–7

Enhanced development of dispositional tolerance to methadone by desipramine given together with methadone. Liu SJ, et al. **Life Sci** 1985 Feb 25;36(8):745–51

The effect of desmethylimipramine on the metabolism of norepinephrine. Zavadil AP 3d, et al. **Life Sci** 1984 Sep 3;35(10):1061–8

The effect of imipramine and desipramine on mixed function oxidase in rats. Daniel W, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Nov;328(1):83–6

Noradrenaline uptake inhibitors do not reduce the presynaptic action of clonidine on 3H-noradrenaline release in superfused synaptosomes. Maura G, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Aug;327(1):86–9

Effect of desipramine, phenoxybenzamine and yohimbine on beta-adrenoceptors and cyclic AMP production in the rat brain. Campbell IC, et al. **Neuropharmacology** 1984 Dec;23(12A):1385–8

Down-regulation of beta-adrenoceptors in rat cortex by repeated administration of desipramine, electroconvulsive shock and clenbuterol requires 5-HT neurones but not 5-HT. Nimgaonkar VL, et al. **Neuropharmacology** 1985 Apr;24(4):279–83

The effect of prolonged treatment with tricyclic antidepressants on the actions of 5-hydroxytryptamine in the hippocampal slice of the rat. Rowan MJ, et al. **Neuropharmacology** 1985 Feb;24(2):131–7

Drug interactions and vasoconstrictors used in local anesthetic solutions. Yagiela JA, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):565–71

Contrasting effects of acute vs. chronic tricyclic antidepressant treatment on central morphine analgesia. Kellstein DE, et al. **Pain** 1984 Dec;20(4):323–34

Behavioral responses of high and low active male rats to the chronic ingestion of desipramine. Echandía EL, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):917–20

Central and peripheral contributions to the enhancement of amphetamine anorexia by desmethylimipramine (DMI). Towell A, et al. **Pharmacol Biochem Behav** 1985 Jan;22(1):57–60

Studies on the locus coeruleus system in an animal model for antidepressive activity. Kostowski W, et al. **Pol J Pharmacol Pharm** 1984 Sep–Oct;36(5):523–30

Dose-dependent growth hormone, prolactin and cortisol stimulation after i.v. administration of desimipramine in human subjects. Laakmann G, et al. **Psychoneuroendocrinology** 1985;10(1):83–93

Performance and extinction of lever press behavior following chronic administration of desipramine to rats. Lucki I, et al. **Psychopharmacology (Berlin)** 1985;85(3):253–9

Comparison of effects of desipramine and amitriptyline on EEG sleep of depressed patients. Shipley JE, et al. **Psychopharmacology (Berlin)** 1985;85(1):14–22

Paradoxical sleep deprivation and the immobility response in the rat: effects of desipramine and phentolamine. van Luijtelaar EL, et al. **Sleep** 1985;8(1):49–55

POISONING

Desmethylimipramine overdose: nonlinear kinetics in a slow hydroxylator. Spina E, et al. **Ther Drug Monit** 1985;7(2):239–41

THERAPEUTIC USE

Lithium as an adjunct treatment in obsessive-compulsive disorder [letter] Eisenberg J, et al. **Am J Psychiatry** 1985 May;142(5):663

Normal thyroid function in desipramine nonresponders converted to responders by the addition of L-triiodothyronine. Schwarcz G, et al. **Am J Psychiatry** 1984 Dec;141(12):1614–6

Prevention of stressor-induced disturbances of self-stimulation by desmethylimipramine. Zacharko RM, et al. **Brain Res** 1984 Oct 29;321(1):175–9

Use of desipramine in the medically ill. Cavanaugh SV. **J Clin Psychiatry** 1984 Oct;45(10 Pt 2):23–9

Desipramine: an overview. Janowsky DS, et al. **J Clin Psychiatry** 1984 Oct;45(10 Pt 2):3–9 (49 ref.)

Use of desipramine in depressed inpatients. Nelson JC. **J Clin Psychiatry** 1984 Oct;45(10 Pt 2):10–6 (47 ref.)

Treatment of outpatients with desipramine. Rosenbaum JF. **J Clin Psychiatry** 1984 Oct;45(10 Pt 2):17–22 (54 ref.)

Cardiovascular effects of desipramine in children and adolescents with attention deficit disorder. Biederman J, et al. **J Pediatr** 1985 Jun;106(6):1017–20

Treatment of progressive supranuclear palsy with tricyclic antidepressants. Newman GC. **Neurology** 1985 Aug; 35(8):1189–93

Opioid plasma levels in primary affective disorders. Effect of desimipramine therapy. Genazzani AR, et al. **Neuropsychobiology** 1984;12(2–3):78–85

The effect of acute and chronic administration of desmethylimipramine on responses to stress in rats. Stone EA, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984;8(4–6):587–92

Responding for brain stimulation: stress and desmethylimipramine. Zacharko RM, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4–6):601–6

The cortisol response to desipramine in endogenous depressives and normal controls: preliminary findings. Asnis GM, et al. **Psychiatry Res** 1985 Mar;14(3):225–33

Hormonal responses to zimelidine and desipramine in depressed patients. Calil HM, et al. **Psychiatry Res** 1984 Nov;13(3):231–42

Effect of desipramine on control of ventilation and depression scores in patients with severe chronic obstructive pulmonary disease. Gordon GH, et al. **Psychiatry Res** 1985 May;15(1):25–32

Nocturnal serum melatonin in major depressive disorder before and after desmethylimipramine treatment. Brown RP, et al. **Psychopharmacol Bull** 1985;21(3):579–81

The dexamethasone suppression and TRH stimulation tests in the initial phase of depression treatment. Escobar JI, et al. **Psychopharmacol Bull** 1985;21(1):77–80

Desipramine in the treatment of attention deficit disorder in adolescents. Gastfriend DR, et al. **Psychopharmacol Bull** 1985;21(1):144–5

DESITRIPTYLINE see **NORTRIPTYLINE**

DESLANOSIDE see under **LANATOSIDES**

DESMETHYLAMITRIPTYLIN see **NORTRIPTYLINE**

DESMETHYLIMIPRAMINE see **DESIPRAMINE**

DESMIN

The relationship of bovine intermediate filament proteins. A comparative analysis of glial fibrillary acidic protein, desmin and the neurofilament 70 kDa protein. Gardner EE, et al. **Biochim Biophys Acta** 1984 Oct 23;790(2):141–7

Antiparallel orientation of the two double–stranded coiled–coils in the tetrameric protofilament unit of intermediate filaments. Geisler N, et al. **J Mol Biol** 1985 Mar 5;182(1):173–7

ANALYSIS

Desmin is a specific marker for rhabdomyosarcomas of human and rat origin. Altmannsberger M, et al. **Am J Pathol** 1985 Jan;118(1):85–95

Isomyosins, microtubules and desmin during the onset of cardiac hypertrophy in the rat. Rappaport L, et al. **Eur Heart J** 1984 Dec;5 Suppl F:243–50

Different distributions of microtubules, desmin filaments and isomyosins during the onset of cardiac hypertrophy in the rat. Samuel JL, et al. **Eur J Cell Biol** 1984 Jul;34(2):300–6

Cell–specific domains of glial– and muscle–type intermediate filament proteins. Immunoaffinity chromatography and immunoblotting study of GFA protein and desmin. Dahl D, et al. **Exp Cell Res** 1984 Oct;154(2):464–73

BIOSYNTHESIS

Induction of incoordinate synthesis of muscle proteins by the tumor promoter TPA and the carcinogen EMS. Holtzer H, et al. **Adv Exp Med Biol** 1985;182:179–92

GENETICS

Characterization and regulation in the expression of a gene coding for the intermediate filament protein desmin. Capetanaki YG, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(22):6909–13

Intermediate filament cDNAs from BHK–21 cells: demonstration of distinct genes for desmin and vimentin in all vertebrate classes. Quax W, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5970–4

IMMUNOLOGY

The detection of smooth muscle antibodies reacting with intermediate filaments of desmin type. Kurki P, et al. **J Immunol Methods** 1985 Feb 11;76(2):329–35

METABOLISM

Microtubules and desmin filaments during the onset of heart growth in the rat. Rappaport L, et al. **Basic Res Cardiol** 1985;80 Suppl 1:129–32

Mesenchymal and muscle–specific intermediate filaments (vimentin and desmin) in relation to differentiation in childhood rhabdomyosarcomas. Molenaar WM, et al. **Hum Pathol** 1985 Aug;16(8):838–43

Distributions of vimentin and desmin in developing chick myotubes in vivo. II. Immunoelectron microscopic study. Tokuyasu KT, et al. **J Cell Biol** 1985 Apr;100(4):1157–66

DESMOLASES see **LYASES**

DESMOPRESSIN see under **ARGIPRESSIN**

DESMOSINE see under **AMINO ACIDS**

DESMOSOMES

ANALYSIS

Merkel cells express desmosomal proteins and cytokeratins. Ortonne JP, et al. **Acta Derm Venereol (Stockh)** 1985; 65(2):161–4

Biochemical characterization of desmosomal proteins isolated from bovine muzzle epidermis: amino acid and carbohydrate composition. Kapprell HP, et al. **Eur J Cell Biol** 1985 Mar;36(2):217–29 (76 ref.)

Identification of desmosomal surface components (desmocollins) and inhibition of desmosome formation by specific Fab'. Cowin P, et al. **J Cell Sci** 1984 Aug;70:41–60

Isolation of the non–glycosylated proteins of desmosomes and immunolocalization of a third plaque protein: desmoplakin III. Gorbsky G, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):810–4

IMMUNOLOGY

Immunological comparison of desmosomal components from several bovine tissues. Giudice GJ, et al. **J Cell Biochem** 1984;26(1):35–45

Human autoantibodies against a desmosomal core protein in pemphigus foliaceus. Koulu L, et al. **J Exp Med** 1984 Nov 1;160(5):1509–18

Bullous pemphigoid antigen localization suggests an intracellular association with hemidesmosomes. Westgate GE, et al. **J Invest Dermatol** 1985 Mar;84(3):218–24

METABOLISM

Intermediate filaments and the initiation of desmosome assembly. Jones JC, et al. **J Cell Biol** 1985 Aug; 101(2):506–17

ULTRASTRUCTURE

Intercellular junctions and the cardiac intercalated disk. Severs NJ. **Adv Myocardiol** 1985;5:223–42

Ultrastructural evidence of dimethylformamide–induced differentiation of cultured human colon carcinoma cells. Increased expression of desmosomes. Christensen TG, et al. **Cancer** 1985 Oct 1;56(7):1559–65

Analysis of desmosomal intramembrane particle populations and cytoskeletal elements: detergent extraction and freeze–fracture. Pirbazari M, et al. **Cell Tissue Res** 1985; 241(2):341–51

Distribution of vimentin, cytokeratins, and desmosomal–plaque proteins in human nephroblastoma as revealed by specific antibodies: co–existence of cell groups of different degrees of epithelial differentiation. Denk H, et al. **Differentiation** 1985;29(1):88–97

Calcium–induced reorganization of desmosomal components in cultured human keratinocytes. Watt FM, et al. **J Cell Biol** 1984 Dec;99(6):2211–5

Junctional competence in clones of mammary epithelial cells, and modulation by conditioned medium. Stoker M. **J Cell Physiol** 1984 Oct;121(1):174–83

Specific attachment of morphologically–distinct intermediate filaments to desmosomes and hemidesmosomes in the epidermis of the tadpole of the anuran, Pseudis paradoxus. Junqueira LC, et al. **J Submicrosc Cytol** 1984 Oct; 16(4):643–8

Vimentin filament–desmosome cytoskeleton of diverse types of human meningiomas. A distinctive diagnostic feature. Schwechheimer K, et al. **Lab Invest** 1984 Nov;51(5):584–91

Lumen formation and redistribution of inframembranous proteins during differentiation of ducts in the rat mammary gland. Dulbecco R, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5763–6

DESMOSTEROL

ANALYSIS

Correlation of tumor metastasis with sterol carrier protein and plasma membrane sterol levels. Schroeder F, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):283–9

DESONIDE see under **PREGNADIENETRIOLS**

DESOXIMETASONE see under **DEXAMETHASONE**

DESOXYCHOLIC ACID see **DEOXYCHOLIC ACID**

DESOXYCORTICOSTERONE

Participation of vascular prostacyclin for the pathogenesis of experimental glucocorticoid hypertension in rats. Miyamori I, et al. **Clin Exp Hypertens [A]** 1985;7(4):513–24

Vascular responses to serotonin in steroid hypertensive rats. Mecca TE, et al. **Hypertension** 1984 Nov–Dec;6(6 Pt 1):887–92

Depressor effects of captopril in DOCA–salt hypertensive rats: role of vasopressin. Igarashi Y, et al. **J Hypertens** 1985 Apr;3(2):149–53

Deoxycorticosterone acetate hypertension in the sheep. Mitchell J, et al. **J Hypertens** 1984 Oct;2(5):473–8

DOCA–salt induced malignant hypertension in spontaneously hypertensive rats. Sesoko S, et al. **J Hypertens** 1984 Feb;2(1):49–54

Decreased [3H]nitrendipine binding in the brainstem of deoxycorticosterone–NaCl hypertensive rats. Lee HR, et al. **Life Sci** 1985 Sep 9;37(10):971–7

[A comparative study of C19 steroid–induced hypertension and deoxycorticosterone acetate (DOCA)–salt hypertension] Manabe R, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Nov 20; 60(11):1328–37 (Eng. Abstr.) (Jpn)

ADMINISTRATION & DOSAGE

[Treatment of chronic hypocorticism in children with implanted DOCA tablets] Levshina RB. **Pediatriia** 1985 Feb;(2):32–4 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

[Effect of steroids on the development of soft–tissue calcifications at the margin of the distal tuberosity of the fingers] Fischer E. **Radiologe** 1985 Feb;25(2):93–4 (Eng. Abstr.) (Ger)

ANALOGS & DERIVATIVES

Umbilical cord plasma concentrations of deoxycorticosterone sulfate in anencephalic fetuses. Parker CR Jr, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):754–7

Affinity of 18,19–dihydroxydeoxycorticosterone and 18–hydroxy–19–nor–deoxycorticosterone to aldosterone receptor and their mineralocorticoid activity. Okamoto M, et al. **Biochem Int** 1983 Dec;7(6):687–94

The blood pressure and metabolic effects of 19–nor–deoxycorticosterone and 19–nor–progesterone in sheep. Spence CD, et al. **Clin Exp Hypertens [A]** 1984; 6(9):1591–600

19–Nor–corticosteroids in health, in hypertensive states in humans including 17 alpha–hydroxylase deficiency and in the spontaneously hypertensive rat (SHR). Melby JC, et al. **Endocr Res** 1984–85;10(3–4):591–607

19–Nor–deoxycorticosterone metabolism by rat adrenal glands: evidence for the formation of 19–nor–corticosterone and 19–nor–18–hydroxydeoxycorticosterone. Dale SL, et al. **Endocrinology** 1985 Jan;116(1):118–23

Converting–enzyme inhibitor administration lowers urinary free 19–nor–deoxycorticosterone levels. Griffing GT, et al. **Hypertension** 1985 Mar–Apr;7(2):178–81

Unconjugated and conjugated urinary 19–nor–deoxycorticosterone glucosiduronate. Elevated levels in essential hypertension. Griffing GT, et al. **Hypertension** 1985 May–Jun;7(3 Pt 2):I12–7

Urinary free 19–nor–deoxycorticosterone and deoxycorticosterone in human hypertension. Gomez–Sanchez CE, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):234–8

Transitory increment in urinary free 19–nor–deoxycorticosterone after diuretic–induced renin stimulation. Griffing GT, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):931–5

Plasma and urinary 19–nor–deoxycorticosterone in 17 alpha–hydroxylase deficiency syndrome. Griffing GT, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):1011–5

Origin of urinary nonconjugated 19–nor–deoxycorticosterone and metabolism of infused radiolabeled 19–nor–deoxycorticosterone in men and women. Casey ML, et al. **J Clin Invest** 1985 Apr;75(4):1335–8

Blood pressure and metabolic effects of 9 alpha–fluorocorticosterone and 9 alpha–fluorodeoxycorticosterone in sheep. Scoggins BA, et al. **J Endocrinol** 1985 Feb;104(2):291–4

Mineralocorticoid properties of potential metabolites of 18–hydroxydeoxycorticosterone and 18–hydroxyprogesterone. West JF, et al. **J Med Chem** 1985 Feb;28(2):233–9

Effects of corticosterone and 5 alpha–dihydrocorticosterone on brain excitability in the rat. Dubrovsky B, et al. **J Neurosci Res** 1985;14(1):117–28

Synthesis of 7 alpha– and beta–carboxymethyl derivatives of cortisol, corticosterone, deoxycorticosterone and cortisone. Immunogenic properties of cortisol, corticosterone and deoxycorticosterone derivatives. Duval D, et al. **J Steroid Biochem** 1985 Jan;22(1):67–78

19–Hydroxylation of 18–hydroxy–11–deoxycorticosterone by adrenal mitochondria prepared from various animal species. Momoi K, et al. **J Steroid Biochem** 1985 Feb;22(2):267–71

Synthesis of mono– and diglucosiduronates of metabolites of deoxycorticosterone and corticosterone and analysis by a new mass spectrometric technique. Mattox VR, et al. **Steroids** 1983 Oct;42(4):349–64

[Physiological regulation and clinical significance of 18–hydroxy–11–deoxycorticosterone] Li G, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Feb;24(2):94–7, 126 (Eng. Abstr.) (Chi)

[New mineralocorticoids and mineralocorticoid–like steroids] Sekihara H. **Nippon Rinsho** 1984 Nov;42(11):2552–6 (14 ref.) (Jpn)

BLOOD

Serum levels of progesterone and some of its metabolites including deoxycorticosterone after oral and parenteral administration. Ottoson UB, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1111-9

METABOLISM

Conversion of oral progesterone into deoxycorticosterone during postmenopausal replacement therapy. Ottosson UB, et al. **Acta Obstet Gynecol Scand** 1984;63(7):577-9

Comparison of the distribution kinetics and metabolism to acid end-products of corticosterone and 11-deoxycorticosterone in BALB/c mice. Marandici A, et al. **J Steroid Biochem** 1985 Apr;22(4):539-45

The fate of corticosterone and 11-deoxycorticosterone in C57BL/6 and BALB/c strains of mice: distribution and oxidative metabolism. Marandici A, et al. **J Steroid Biochem** 1984 Nov;21(5):579-83

The role of ACTH in determining the metabolic pathways of deoxycorticosterone by newborn rat adrenal cells in primary culture. Ramirez LC, et al. **J Steroid Biochem** 1985 Feb;22(2):249-56

[Metabolism and conjugation of steroid hormones: their active metabolites and prehormone-hormone relationship] Kato T. **Nippon Rinsho** 1984 Nov;42(11):2452-8 (30 ref.) **(Jpn)**

PHARMACODYNAMICS

Steroid induced changes of the renal kallikrein-kinin system in rats. Bönner G, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):131-40

Effect of hydrocortisone and desoxycorticosterone on some reductases, esterases and synthetases. Tancheva L, et al. **Acta Physiol Pharmacol Bulg** 1984;10(4):59-62

Renal interstitial pressure in mineralocorticoid escape. Burnett JC Jr, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):F396-9

Deoxycorticosterone-stimulated bicarbonate secretion in rabbit cortical collecting ducts: effects of luminal chloride removal and in vivo acid loading. Garcia-Austt J, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F205-12

Mineralocorticoid regulation of apical cell membrane Na+ and K+ transport of the cortical collecting duct. Sansom SC, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F858-68

Cellular heterogeneity of uridine incorporation in collecting tubules: effect of DOCA. Vandewalle A, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):F552-64

Effect of posture and a mineralocorticoid on the glucose-induced hypokalemia in man. Radó JP, et al. **Biomed Pharmacother** 1984;38(4):212-3

Hypothalamic knife cuts attenuate maintenance of deoxycorticosterone acetate-salt induced hypertension. Bealer SL. **Brain Res** 1984 Aug 20;309(1):192-5

The characteristics of renal mineralocorticoid receptors in glycyrrhizinic acid or deoxycorticosterone-induced hypertensive rats. Hayashi T, et al. **Clin Exp Hypertens [A]** 1984;6(9):1625-40

Effect of chronic administration of deoxycorticosterone acetate on salt appetite of captopril-treated rats. Fregly MJ, et al. **Endocrinology** 1985 Apr;116(4):1391-8

A low dose of a calcium antagonist (nitrendipine) ameliorates cardiac and renal lesions induced by DOC in the rat. Nickerson PA. **Exp Mol Pathol** 1984 Dec;41(3):309-20

Importance of chloride for deoxycorticosterone acetate-salt hypertension in the rat. Passmore JC, et al. **Hypertension** 1985 May-Jun;7(3 Pt 2):I115-20

Erythrocyte lithium transport changes induced by deoxycorticosterone acetate treatment in pigs. Weder AB, et al. **Hypertension** 1985 Jul-Aug;7(4):541-6

Cardiac contractile and coronary flow reserves in deoxycorticosterone acetate-salt hypertensive rats. Yamamoto J, et al. **Hypertension** 1985 Jul-Aug;7(4):569-77

Control of sodium and potassium transport in the cortical collecting duct of the rat. Effects of bradykinin, vasopressin, and deoxycorticosterone. Tomita K, et al. **J Clin Invest** 1985 Jul;76(1):132-6

Lack of renal effects of DOCA, ACTH, spironolactone, and angiotensin II in Squalus acanthias. Churchill PC, et al. **J Exp Zool** 1985 Apr;234(1):17-22

Exchangeable sodium in DOC-salt and post-DOC-salt hypertension in rats. McAreavey D, et al. **J Hypertens** 1985 Jun;3(3):275-9

Effect of DOCA-salt on angiotensin dependency and surgical reversal of hypertension in two-kidney, one clip renal hypertensive rats. Takata Y, et al. **J Hypertens** 1983 Jun;1(1):57-63

Sodium-dependent modulation of the renal Na-K-ATPase: influence of mineralocorticoids on the cortical collecting duct. O'Neil RG, et al. **J Membr Biol** 1985;85(2):169-79

Effects of angiotensin or carbachol on sodium intake and excretion in adrenalectomized or deoxycorticosterone-treated rats. Fitzsimons JT, et al. **J Physiol (Lond)** 1985 Feb;359:447-58

The dependence of the salt appetite of the rat on the hormonal consequences of sodium deficiency. Epstein AN. **J Physiol (Paris)** 1984;79(6):496-8

Inability of Na+,K+-ATPase inhibitor to cause hypertension in sodium-loaded or deoxycorticosterone-treated one kidney rats. Nirasawa Y, et al. **Life Sci** 1985 Aug 26;37(8):767-74

Effects of desoxycorticosterone acetate on magnesium metabolism in potassium-depleted rats. Old CW, et al. **Magnesium** 1984;3(2):95-106

Changes in glomerular basement membrane collagen caused by DOCA-NaCl treatment in rats. Hausmann J, et al. **Nephron** 1985;39(3):250-4

Steroid effects on uveal transport. Stone RA, et al. **Ophthalmic Res** 1984;16(6):297-301

Together intracranial angiotensin and systemic mineralocorticoid produce avidity for salt in the rat. Zhang DM, et al. **Physiol Behav** 1984 Apr;32(4):677-81

Adrenocortical function in deoxycorticosterone acetate (DOCA)-hypertensive Yucatan miniature swine. Carsia RV, et al. **Proc Soc Exp Biol Med** 1985 Apr;178(4):591-8

A fast-acting humoral factor mediates pressor hyperresponsiveness in deoxycorticosterone-salt rabbits. Johnson JA, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):279-87

Reduced sympathetic neuronal uptake (uptake1) in a genetic model of desoxycorticosterone-NaCl hypertension. Krakoff LR, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):240-5

Cerebral intraventricular 6-hydroxydopamine prevents vascular changes in the mineralocorticoid hypertensive rat. Mecca TE, et al. **Proc Soc Exp Biol Med** 1985 Jun;179(2):248-53

[Effect of gluco- and mineralocorticoids on the structure and function of the insular apparatus of the pancreas in representatives of different classes of vertebrates] Poliakova TI. **Arkh Anat Gistol Embriol** 1984 Jul;87(7):62-70 (Eng. Abstr.) **(Rus)**

[A factor which modifies the interaction of steroids with glucocorticoid receptors] Seleznev IuM, et al. **Biokhimiia** 1985 Jan;50(1):17-24 (Eng. Abstr.) **(Rus)**

[Systemic hemodynamic changes during the development of DOCA-salt hypertension. The effect of neonatal sympathectomy] Vakulina TP, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):10-2 (Eng. Abstr.) **(Rus)**

TOXICITY

Hyperresponsiveness of monoaminergic mechanisms in DOCA/NaCl hypertensive rats. Chen YF, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):H71-9

Enhanced depressor effect of bromocriptine in the DOCA/NaCl hypertensive rat. Nagahama S, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):H64-70

Angiotensin II in the brain and brainstem of the DOCA salt hypertensive rat. Weyhenmeyer JA, et al. **Clin Exp Hypertens [A]** 1985;7(1):73-92

Similar blood pressure but different outcome in rats with DOC and post-DOC hypertension. Reid R, et al. **J Hypertens** 1983 Oct;1(3):303-10

URINE

Urinary free 19-nor-deoxycorticosterone and deoxycorticosterone in human hypertension. Gomez-Sanchez CE, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):234-8

DESOXYCORTONE see **DESOXYCORTICOSTERONE**

DESOXYNOREPHEDRIN see **AMPHETAMINE**

DESOXYPHENOBARBITAL see **PRIMIDONE**

DESOXYRIBONUCLEASES see **DEOXYRIBONUCLEASES**

DESULFOVIBRIO

ANALYSIS

Amino acid sequence of the [4Fe-4S] ferredoxin isolated from Desulfovibrio desulfuricans Norway. Bruschi MH, et al. **J Biol Chem** 1985 Jul 15;260(14):8292-6

Crystallization and preliminary x-ray diffraction study of the 3-Fe ferredoxin II from the bacterium Desulfovibrio gigas. Sieker LC, et al. **J Mol Biol** 1984 Oct 15;179(1):151-5

ENZYMOLOGY

A cytoplasmic nickel-iron hydrogenase with high specific activity from Desulfovibrio multispirans sp. N., a new species of sulfate reducing bacterium. Czechowski MH, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):1025-32

Spectroscopic studies of the nature of the iron clusters in the soluble hydrogenase from Desulfovibrio desulfuricans (strain Norway 4). Bell SH, et al. **Eur J Biochem** 1984 Dec 17;145(3):645-51

Purification and properties of the soluble hydrogenase from Desulfovibrio desulfuricans (strain Norway 4). Rieder R, et al. **Eur J Biochem** 1984 Dec 17;145(3):637-43

Characterization of a trithionate reductase system from Desulfovibrio vulgaris. Kim JH, et al. **J Bacteriol** 1985 Aug;163(2):472-5

Purification and properties of thiosulfate reductase from Desulfovibrio vulgaris, Miyazaki F. Aketagawa J, et al. **J Biochem (Tokyo)** 1985 Apr;97(4):1025-32

Magnetic susceptibility of hydrogenase from Desulfovibrio vulgaris. Kimura K, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1831-3

Analysis of the active center of hydrogenase from Desulfovibrio vulgaris Miyazaki by magnetic measurements. Yagi T, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):181-7

Characterization of a sulfite reductase from Desulfovibrio vulgaris. Evidence for the presence of a low-spin siroheme and an exchange-coupled siroheme-[4Fe-4S] unit. Huynh BH, et al. **J Biol Chem** 1984 Dec 25;259(24):15373-6

Reactivation of the hydrogenase from Desulfovibrio gigas by hydrogen. Influence of redox potential. Lissolo T, et al. **J Biol Chem** 1984 Oct 10;259(19):11725-9

Electron paramagnetic resonance studies on the mechanism of activation and the catalytic cycle of the nickel-containing hydrogenase from Desulfovibrio gigas. Teixeira M, et al. **J Biol Chem** 1985 Jul 25;260(15):8942-50

GENETICS

Nucleotide sequence of the gene encoding the hydrogenase from Desulfovibrio vulgaris (Hildenborough). Voordouw G, et al. **Eur J Biochem** 1985 May 2;148(3):515-20

Cloning of the gene encoding the hydrogenase from Desulfovibrio vulgaris (Hildenborough) and determination of the NH2-terminal sequence. Voordouw G, et al. **Eur J Biochem** 1985 May 2;148(3):509-14

GROWTH & DEVELOPMENT

Physiological function of hydrogen metabolism during growth of sulfidogenic bacteria on organic substrates. Lupton FS, et al. **J Bacteriol** 1984 Sep;159(3):843-9

METABOLISM

Hydrogenase, electron-transfer proteins, and energy coupling in the sulfate-reducing bacteria Desulfovibrio. Odom JM, et al. **Annu Rev Microbiol** 1984;38:551-92 (212 ref.)

Preliminary 1H-NMR studies of the interaction between cytochrome c3 and ferredoxin I from Desulfovibrio desulfuricans Norway. Guerlesquin F, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1102-8

Carbon-13 and nitrogen-15 nuclear-magnetic-resonance investigation on Desulfovibrio vulgaris flavodoxin. Vervoort J, et al. **Eur J Biochem** 1985 Aug 15;151(1):49-57

DETERGENTS see under **SURFACE-ACTIVE AGENTS**

DETOXICATION, DRUG, METABOLIC see **METABOLIC DETOXICATION, DRUG**

DEUTERIUM

Kinetic isotope effects on cytochrome P-450-catalyzed oxidation reactions: full expression of the intrinsic isotope effect during the O-deethylation of 7-ethoxycoumarin by liver microsomes from 3-methylcholanthrene-induced hamsters. Miwa GT, et al. **Arch Biochem Biophys** 1985 May 15;239(1):155-62

Primary deuterium isotope effect in the oxidation of an iminium ion by aldehyde oxidase. Ruenitz PC, et al. **Arch Biochem Biophys** 1985 May 15;239(1):270-2

Oxidation in H2O and D2O of 6-ethyl-5H-dibenz(c,e)azepine and 1-methylnicotinamide by aldehyde oxidase from rabbit liver. Thomas HG, et al. **Arch Biochem Biophys** 1985 Sep;241(2):649-55

Use of multiple isotope effects to study the mechanism of 6-phosphogluconate dehydrogenase. Rendina AR, et al. **Biochemistry** 1984 Dec 4;23(25):6257-62

Raman spectroscopy and deuterium exchange of the filamentous phage fd. Williams RW, et al. **Biochim Biophys Acta** 1984 Dec 7;791(2):131-44

Determination of toxic pathways of metabolism by deuterium substitution. Pohl LR, et al. **Drug Metab Rev** 1984-85;15(7):1335-51 (58 ref.)

Investigations on the effects of heavy water (D2O) on the functional activity of human platelets. Reuter HD, et al. **Haemostasis** 1985;15(3):157-63

Deuteration kinetics of deoxyguanosine, deoxycytidine, and their polynucleotides by means of ultraviolet spectrophotometry. Nakanishi M, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):483-91

Influence of deuterium oxide on calcium transients and myofibrillar responses of frog skeletal muscle. Allen DG, et al. **J Physiol (Lond)** 1984 Sep;354:225-51

Kinetic deuterium isotope effects in glucocorticoid receptor activation. Arányi P. **J Recept Res** 1984;4(1-6):385-96

Mutation induction by tritiated water and effects of deuterium oxide in cultured mouse leukemia cells. Furuno-Fukushi I, et al. **Radiat Res** 1985 Sep;103(3):466-70

Synthesis of deuterium labeled 17-methyl-testosterone. Shinohara Y, et al. **Steroids** 1984 Sep;44(3):253-60

[Differential spectrophotometry of iodinated proteins and amino acids in heavy water] Gussakovskii SE, et al. **Biofizika** 1985 Mar-Apr;30(2):208-10 (Eng. Abstr.) **(Rus)**

DIAGNOSTIC USE

A simple, inexpensive method of determining total body water using a tracer dose of D2O and infrared absorption of biological fluids. Lukaski HC, et al. **Am J Clin Nutr** 1985 Feb;41(2):363-70

Modification of membrane function, protein synthesis, and heat killing effect in cultured Chinese hamster cells by

glycerol and D2O1. Lin PS, et al. **Cancer Res** 1984 Dec; 44(12 Pt 1):5776–84
Evaluation of the use of deuterium oxide dilution techniques for determination of body composition of beef steers. Arnold RN, et al. **J Anim Sci** 1985 May;60(5):1188–200
The use of deuterium oxide for the prediction of body composition in live dairy cattle. Odwongo WO, et al. **J Nutr** 1984 Nov;114(11):2127–37
Preparation and analysis of deuterium-labeled aspirin: application to pharmacokinetic studies. Pedersen AK, et al. **J Pharm Sci** 1985 Feb;74(2):188–92
[Structure-function relationship in the membrane demonstrated by deuteration] Vasilescu V, et al. **Physiologie** 1984 Jul–Sep;21(3):203–11 (Fre)

METABOLISM

In vivo body composition estimation in nongravid and reproducing first-litter sows with deuterium oxide. Shields RG Jr, et al. **J Anim Sci** 1984 Nov;59(5):1239–46
The C-6 proton of tetrahydrobiopterin is acquired from water, not NADPH, during de novo biosynthesis. Smith GK, et al. **J Biol Chem** 1985 May 10;260(9):5221–4
Medium isotope effect in [3H]diazepam binding to benzodiazepine receptors of synaptic membranes. Kardos J, et al. **J Neurochem** 1985 Aug;45(2):644–6
Hydrogen isotope effect on transport of potassium ion in rice seedlings equilibrated with deuterium oxide. Shibabe S, et al. **Radioisotopes** 1984 Oct;33(10):675–9

PHARMACODYNAMICS

Detection of a deuterium isotope effect in di- and trisubstituted alkylphenylnitrosoureas. An SCE study in Chinese hamster V79-E cells. Thust R, et al. **Carcinogenesis** 1985 Jun;6(6):873–6
Deuterium oxide and temperature effects on the properties of endplate channels at the frog neuromuscular junction. Lewis CA. **J Gen Physiol** 1985 Feb;85(2):137–56
Transport of calcium, germanium and rubidium ions in rice seedlings in deuterium oxide. Shibabe S, et al. **Radioisotopes** 1984 Sep;33(9):606–10
Procarbazine spermatogenesis toxicity: deuterium isotope effects point to regioselective metabolism in mice. Yost GS, et al. **Toxicol Appl Pharmacol** 1985 Sep 15;80(2):316–22

DEUTEROMYCETES

Induction of diplodiosis, a neuromycotoxicosis, in domestic ruminants with cultures of indigenous and exotic isolates of Diplodia maydis. Kellerman TS, et al. **Onderstepoort J Vet Res** 1985 Mar;52(1):35–42
Infections caused by Drechslera species: case report and review of the literature. Rolston KV, et al. **Rev Infect Dis** 1985 Jul–Aug;7(4):525–9 (15 ref.)

ANALYSIS

Leucinostatins, peptide mycotoxins produced by Paecilomyces lilacinus and their possible roles in fungal infection. Mikami Y, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Jul; 257(2):275–83

CLASSIFICATION

Morphological taxonomy of little-differentiated Hyphomycetes. de Hoog GS, et al. **Antonie Van Leeuwenhoek** 1984;50(5–6):807–13

CYTOLOGY

Phaeosclera dematioides, a new etiologic agent of phaeohyphomycosis in cattle. McGinnis MR, et al. **Sabouraudia** 1985 Apr;23(2):133–5

DRUG EFFECTS

Efficacy of hydrogen peroxide disinfection systems for soft contact lenses contaminated with fungi. Penley CA, et al. **CLAO J** 1985 Jan–Mar;11(1):65–8

IMMUNOLOGY

Activation of the alternative complement pathway by Fonsecaea pedrosoi. Torinuki W, et al. **J Invest Dermatol** 1984 Oct;83(4):308–10

ISOLATION & PURIFICATION

Effects of feeding lupin seed naturally infected with Phomopsis leptostromiformis to sheep and pigs. Allen JG, et al. **Aust Vet J** 1984 Jun;61(6):178–80
Isolation of Exophiala jeanselmei associated with esophageal pathology—three cases, laboratory and clinical features. Sautter RE, et al. **Mycopathologia** 1984 Aug 30; 87(1–2):105–9
Subcutaneous phaeohyphomycosis caused by Exophiala spinifera. Padhye AA, et al. **Sabouraudia** 1984; 22(6):493–500

METABOLISM

Autoradiographic method to screen for soil microorganisms which accumulate zinc. Zamani B, et al. **Appl Environ Microbiol** 1985 Jan;49(1):137–42
Melanin biosynthesis and the metabolism of flaviolin and 2-hydroxyjuglone in Wangiella dermatitidis. Wheeler MH, et al. **Arch Microbiol** 1985 Aug;142(3):234–41
Chaetiacandin, a novel papulacandin. I. Fermentation, isolation and characterization. Komori T, et al. **J Antibiot (Tokyo)** 1985 Apr;38(4):455–9
Biotransformation of progesterone to 14 alpha-hydroxypregna-1,4-diene-3,20-dione, a novel fungal metabolite, by Colletotrichum antirrhini. Njar VC, et al. **J Steroid Biochem** 1985 Mar;22(3):399–400
The interaction between additives, yeast and patulin production in grass silage. Dutton MF, et al. **Mycopathologia** 1984 Aug 30;87(1–2):29–33

PATHOGENICITY

Toxicity of Diplodia maydis in farm and laboratory animals. Rabie CJ, et al. **Food Chem Toxicol** 1985 Mar;23(3):349–53

DEUTERONS see **DEUTERIUM**

DEUTEROPORPHYRINS see under **PORPHYRINS**

DEVELOPING COUNTRIES

Acupuncture and developing countries. Zaffar-Ul-Hasan. **Am J Chin Med** 1984 Summer;12(1–4):56–9
The frequency and economic burden of genetic disease in a pediatric hospital in Mexico City. Carnevale A, et al. **Am J Med Genet** 1985 Apr;20(4):665–75
DSM-III in Botswana: a field trial in a developing country. Ben-Tovim DI. **Am J Psychiatry** 1985 Mar;142(3):342–5
The scope of occupational health in developing countries [editorial] Mendes R. **Am J Public Health** 1985 May; 75(5):467–8
Economic development and occupational health in Latin America: new directions for public health in less developed countries. Michaels D, et al. **Am J Public Health** 1985 May; 75(5):536–42
Pre-exposure rabies immunization with human diploid cell vaccine: decreased antibody responses in persons immunized in developing countries. Bernard KW, et al. **Am J Trop Med Hyg** 1985 May;34(3):633–47
Providing primary health care with non-physicians. Chen PC. **Ann Acad Med Singapore** 1984 Apr;13(2):264–71
The management of genito-urinary tuberculosis—a review. Gow JG. **Ann Acad Med Singapore** 1984 Oct;13(4):639–43
Present status and future prospects for malaria control in the world. Lepes T. **Ann Acad Med Singapore** 1984 Apr; 13(2):163–70
Standards for growth in prepubertal primary school Kuwaiti children, a cross-sectional study. Bayoumi A, et al. **Ann Trop Paediatr** 1984 Sep;4(3):171–6
Age of measles vaccination [letter] Brewster D. **Ann Trop Paediatr** 1985 Mar;5(1):53
The uptake of preventive and curative child health services in Maputo, Mozambique. Jelley DM, et al. **Ann Trop Paediatr** 1984 Sep;4(3):177–82
Implementing nutrition programs: lessons from an unheeded literature. Field JO. **Annu Rev Nutr** 1985;5:143–72 (102 ref.)
Evaluation of milk and nutrient intakes of school children in Nigeria. Nnanyelugo DO. **Appetite** 1984 Sep;5(3):175–85
Chemical disarmament and the Third World. Problems of verification and prevention of proliferation. Binenfeld Z, et al. **Arch Belg** 1984;Suppl:372–6
'The State of the World's Children' [editorial] Morley D. **Arch Dis Child** 1985 Aug;60(8):693–4
Deafness in developing countries. Approaches to a global program of prevention. Wilson J. **Arch Otolaryngol** 1985 Jan;111(1):2–9
Biological psychiatry in developing countries [editorial] Sethi BB. **Biol Psychiatry** 1985 Apr;20(4):357–9
Some opportunities for biometry in promoting child health in the Third World. Macfarlane SB. **Biometrics** 1984 Jun; 40(2):525–33
Essentials of clinical pharmacology for education and research in developing countries [editorial] Richens A, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):123–5
Health problems of pesticide usage in the Third World [editorial] Jeyaratnam J. **Br J Ind Med** 1985 Aug; 42(8):505–6
Organisation of plastic surgery in developing countries (Gillies Memorial Lecture: 1983). Antia NH. **Br J Plast Surg** 1985 Jan;38(1):24–9
X-ray apparatus specially designed for work in remote areas. Holm T. **Br J Radiol** 1984 Sep;57(682):857–9
Radiology of the future in developing countries. Middlemiss H. **Br J Radiol** 1984 Sep;57(682):852–3
Radiology in the developing world. Palmer PE. **Br J Radiol** 1984 Sep;57(682):853–6
Appropriate technology: care of the newborn [letter] **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1229–30
Control of diarrhoeal disease in Tonga 1978–83. Clow DJ. **Br Med J [Clin Res]** 1985 Mar 2;290(6469):691–2
Essential medicines in the Third World. D'Arcy PF. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):982–4
Orthopaedic aids at low cost. De Ruyter K, et al. **Br Med J [Clin Res]** 1984 Sep 22;289(6447):749–51
Mental health care in the district hospital. Egdell HG. **Br Med J [Clin Res]** 1984 Dec 15;289(6459):1671–4
Principles of health education. Hubley J. **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1054–6
The respiratory physician in a Third World district hospital. Macfarlane J. **Br Med J [Clin Res]** 1984 Sep 15; 289(6446):675–7
Appropriate teaching aids. Morley D, et al. **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1057–8
Ophthalmology in developing countries. Sandford-Smith J. **Br Med J [Clin Res]** 1984 Sep 29;289(6448):811–3
Writing it down. Snell P. **Br Med J [Clin Res]** 1984 Dec 15;289(6459):1674–8
ABC of nutrition. Malnutrition in the Third World—I. Truswell AS. **Br Med J [Clin Res]** 1985 Aug 24; 291(6494):525–8
An outlook on tuberculosis control and new technologies in primary health care of developing countries. Assaad F. **Bull Int Union Tuberc** 1984 Mar–Jun;59(1–2):67–71
Some of the main unsolved problems in tuberculosis control in developing countries. Styblo K. **Bull Int Union Tuberc** 1984 Mar–Jun;59(1–2):85–7
The uses of modern technologies: problems and perspectives for industrialized and developing countries. Banta D. **Bull Pan Am Health Organ** 1984;18(2):139–50
Perinatal care in six eastern Caribbean countries. Boersma ER. **Bull Pan Am Health Organ** 1985;19(1):45–60
Control of oral cancer in developing countries. A WHO meeting. **Bull WHO** 1984;62(6):817–30
Interventions for the control of diarrhoeal diseases among young children: prevention of low birth weight. Ashworth A, et al. **Bull WHO** 1985;63(1):165–84 (129 ref.)
Influenza surveillance: alternative laboratory techniques for a developing country. Canil KA, et al. **Bull WHO** 1985; 63(1):79–82
Biomass fuel combustion and health. de Koning HW, et al. **Bull WHO** 1985;63(1):11–26
Boiling of drinking-water: can a fuel-scarce community afford it? Gilman RH, et al. **Bull WHO** 1985;63(1):157–63
The World Health Organization and cancer [editorial] Hart GD. **Can Med Assoc J** 1985 Aug 15;133(4):269–71
The future development of blood transfusion in a Third World developing country. Hill D. **Cent Afr J Med** 1984 Nov;30(11):229–31
Policy options on child abuse and neglect. Doek JE. **Child Abuse Negl** 1984;8(4):385–6
Minimum muscular fitness of urban Tswana children. Corlett JT. **Child Care Health Dev** 1985 Jan–Feb;11(1):37–43
Medicines and people in the Third World—the role of the industry. The Association of the Danish Pharmaceutical Industry (MEFA). **Dan Med Bull** 1984 Nov;31 Suppl 1:6–8
The drug industry and the underdevelopment of health. Doyal L. **Dan Med Bull** 1984 Nov;31 Suppl 1:8–10
What do drugs do to the world? And what do the doctors do about it? Korn J. **Dan Med Bull** 1984 Nov;31 Suppl 1:2–3
Drugs and community health workers in developing countries (1). Some issues for discussion. Raikes A. **Dan Med Bull** 1984 Nov;31 Suppl 1:17–23
Use and misuse of drugs in the third world. Yudkin JS. **Dan Med Bull** 1984 Nov;31 Suppl 1:11–7
Neurological signs in congenital iodine-deficiency disorder (endemic cretinism). DeLong GR, et al. **Dev Med Child Neurol** 1985 Jun;27(3):317–24
Prevention of blindness in developing countries. A report of the German Committee for the Prevention of Blindness. **Doc Ophthalmol** 1984 Jun 15;57(4):299–380
First world eye doctor in a third world country. Some hints on how to prevent common mistakes and how to overcome common difficulties. Maus H. **Doc Ophthalmol** 1984 Jun 15;57(4):361–6
The International Agency for the Prevention of Blindness. A statement at the conference of the Committee of the German Federal Republic for the Prevention of Blindness, February 1979. Wilson J. **Doc Ophthalmol** 1984 Jun 15; 57(4):299–304
Observations on the economics of drug prescribing in developing countries. Baker N. **East Afr Med J** 1984 Dec; 61(12):907–8
How should primary health workers diagnose and treat acute respiratory infections (A R I)? Wafula EM, et al. **East Afr Med J** 1984 Oct;61(10):736–44
Health, nutrition and fertility. A review of correlates in rural development. Uyanga J. **Ecol Dis** 1982;1(1):45–58 (101 ref.)
Availability and distribution of antiepileptic drugs in developing countries. III and IV Commissions on Antiepileptic Drugs of the International League Against Epilepsy. **Epilepsia** 1985 Mar–Apr;26(2):117–21
The Ergonomics Society. The Society's lecture 1983. Sen RN. **Ergonomics** 1984 Oct;27(10):1021–32 (55 ref.)
Nutritional implications of food aid: an annotated bibliography. Figá-Talamanca I. **FAO Food Nutr Pap** 1985; 33:1–113
Women, food and nutrition in Africa: Economic change and the outlook for nutrition. **Food Nutr (Roma)** 1984;10(1):71–9
The practical application of food safety criteria in developing countries. Abdussalam M. **Food Nutr (Roma)** 1983; 9(2):24–32
Nutrition for a new nation. The FAO initiative for Namibia. Atkinson K. **Food Nutr (Roma)** 1983;9(2):15–23
Women, food and nutrition in Africa: perspective from Senegal. Basse MT. **Food Nutr (Roma)** 1984;10(1):65–71
Some personal views on nutrition in rural development. Beghin I. **Food Nutr (Roma)** 1983;9(2):39–44
Socio-cultural practices affecting the safety of food. Foster GM. **Food Nutr (Roma)** 1983;9(2):48–51
Nutritional improvement and the primary health care delivery system. Jelliffe DB, et al. **Food Nutr (Roma)** 1984;

10(1):53–63

Agricultural production and food consumption: some neglected linkages. Longhurst R. **Food Nutr (Roma)** 1983; 9(2):2–5, 44

The value of time-use data in nutrition. Lunven P. **Food Nutr (Roma)** 1983;9(2):33–8

Food aid: reflections on a decade of action. Mellor JW. **Food Nutr (Roma)** 1984;10(1):91–104 (26 ref.)

Export crop production and malnutrition. Pinstrup-Anderson P. **Food Nutr (Roma)** 1983;9(2):6–14

Nutrition and agricultural development: new frontiers. Swaminathan MS. **Food Nutr (Roma)** 1984;10(1):33–41

Hepatitis B vaccine in developing countries: problems and prospects. Ayoola EA. **IARC Sci Publ** 1984;(63):297–305

The state of the world's children, 1985. Grant JP. **Indian J Pediatr** 1985 Jan–Feb;52(414):3–10

Mortality in infants discharged from N.I.C.U. Daga SR. **Indian Pediatr** 1984 Jun;21(6):453–5

Prevention of oral diseases in developing countries. Saparamadu KD. **Int Dent J** 1984 Sep;34(3):166–9

Manpower and the future role of dentistry in developing countries. Songpaisan Y. **Int Dent J** 1985 Mar;35(1):78–82

The challenge of rural dermatologic care in developing countries. Cañizares O. **Int J Dermatol** 1985 Jun; 24(5):333–6

Maternal mortality in developing countries [letter] **Int J Epidemiol** 1985 Jun;14(2):337–8

The gathering smoke clouds: a worldwide challenge. Crofton J. **Int J Epidemiol** 1984 Sep;13(3):269–70

Oral cancer in the Third World: time for preventive intervention? McMichael AJ. **Int J Epidemiol** 1984 Dec; 13(4):403–5

Obstetric and gynecological care for Third World women. Pinotti JA, et al. **Int J Gynaecol Obstet** 1984 Dec; 22(6):449–55

Inadequacies of present health services and strategies to improve maternal and child health in developing countries. Ratnam SS, et al. **Int J Gynaecol Obstet** 1984 Dec; 22(6):463–6

Nestle and breast vs. bottle feeding: mainstream and Marxist perspectives. Campbell CE. **Int J Health Serv** 1984; 14(4):547–67

No one is realistic about family planning. Eraj YA. **Int Nurs Rev** 1984 Nov–Dec;31(6):179

What's happened since Alma-Ata? Kiereini EM. **Int Nurs Rev** 1985 Jan–Feb;32(1):17–9

Sharing nursing curriculum with other countries--the need for adaptation. Mooneyhan EL, et al. **Int Nurs Rev** 1984 Sep–Oct;31(5):139–44

Use of an automatic refraction device in a Third World country. Garner LF, et al. **J Am Optom Assoc** 1985 Jul; 56(7):538–41

ORT III: a dilemma for policy makers, a confusion for parents [editorial] Hull TH. **J Diarrhoeal Dis Res** 1985 Mar; 3(1):1–6

Heuristic approaches to decision-making in the delivery of primary health care within developing regions. Parker BR, et al. **J Health Polit Policy Law** 1985 Spring;10(1):157–80

Strategies for control of infectious diseases common to developed and developing countries. Christie AB. **J Hosp Infect** 1984 Dec;5 Suppl A:13–6

Telephoning behavior in developing countries: an attitude survey in Sri Lanka. Kojima M, et al. **J Hum Ergol (Tokyo)** 1984 Sep;13(1):63–78

Hypertension and health education intervention in the Caribbean: a public health appraisal. Livingston IL. **J Natl Med Assoc** 1985 Apr;77(4):273–80 (62 ref.)

The role of the nutritionist in Third World agricultural policy planning. Dinning JS. **J Nutr** 1984 Oct;114(10):1739–40

Policy implications of health changes in rapidly developing countries: the case of Malaysia. Harlan WR, et al. **J Public Health Policy** 1984 Dec;5(4):563–72

Are accidents at work being exported to developing countries? Some indications from the Philippines. Conway S. **J R Soc Health** 1984 Oct;104(5):177–9

Valve replacement in the Third World [letter] Kinsley RH. **J Thorac Cardiovasc Surg** 1984 Oct;88(4):638–9

Routine gynaecological clinic in northern Ghana. Elkins TE, et al. **J Trop Med Hyg** 1984 Oct;87(5):193–6

A simple work-sampling system for use in hospitals and health centres in the developing world. Bamisaiye A, et al. **J Trop Pediatr** 1984 Dec;30(6):299–303

Malaria in childhood [editorial] Ebrahim GJ. **J Trop Pediatr** 1984 Aug;30(4):194–5

A cooperative model for provision of regional health services in a developing nation. Bessinger CD Jr, et al. **JAMA** 1984 Dec 14;252(22):3149–51

Physicians for the developing world [letter] Day SB. **JAMA** 1984 Dec 14;252(22):3128

The nuclear arms race and the Third World [letter] Gilks CF, et al. **JAMA** 1985 Aug 2;254(5):608

Interplast. A successful model for anesthesia and plastic surgery in developing countries. Samuels SI, et al. **JAMA** 1984 Dec 14;252(22):3152–5

Drug policy in the Third World [letter] **Lancet** 1985 Jul 6; 2(8445):46–7

The marsupial mother [letter] **Lancet** 1985 Jul 13; 2(8446):99–100

Maternal mortality in Third World countries [letter] **Lancet** 1985 Jul 27;2(8448):215–6

Women's decade: celebration or wake? [letter] Baumslag N. **Lancet** 1985 Sep 7;2(8454):557

The role of dietary aflatoxin in the genesis of hepatocellular cancer in developing countries. Enwonwu CO. **Lancet** 1984 Oct 27;2(8409):956–8

Drugs policy in the Third World [letter] Islam N. **Lancet** 1985 May 4;1(8436):1044

Rural health care in the developing world [letter] Lamb WH, et al. **Lancet** 1985 Feb 9;1(8424):334

Maternal mortality--a neglected tragedy. Where is the M in MCH? Rosenfield A, et al. **Lancet** 1985 Jul 13; 2(8446):83–5

Infants in Juba [letter] Waterston T. **Lancet** 1984 Oct 13; 2(8407):865

Micronutrient deficiencies in the 1980s [editorial] Dreosti IE. **Med J Aust** 1984 Nov 10;141(10):630–1

Tuberculosis bacteriology in developing countries. Allen BW. **Med Lab Sci** 1984 Oct;41(4):400–9

Provision of blood transfusion services in developing countries. Lockyer WJ. **Med Lab Sci** 1984 Oct;41(4):321–6

Optimal use of blood in developing countries. Lovric VA. **Med Lab Sci** 1984 Oct;41(4):382–5

Radioimmunoassay laboratories in developing countries: common problems in establishment and suggested solutions. Piyasena RD. **Med Lab Sci** 1984 Oct;41(4):357–64

Enteric microbiology methods for laboratories in developing countries. Sack DA. **Med Lab Sci** 1984 Oct;41(4):348–56

Medical laboratory services in developing countries: necessity or status symbol? Seaton B. **Med Lab Sci** 1984 Oct;41(4):365–73

Simplified manual high performance clinical chemistry methods for developing countries. Seaton B, et al. **Med Lab Sci** 1984 Oct;41(4):327–36

Haematology services in developing countries. Topley E. **Med Lab Sci** 1984 Oct;41(4):389–99

Increased production and consumption of cane sugar in the Third World to prevent undernutrition and famine [letter] Alias AG. **N Engl J Med** 1985 Oct 3;313(14):894

Medical rotations in Third World settings [letter] Barry M, et al. **N Engl J Med** 1985 Jul 11;313(2):122

Nuclear medicine across the world: facing the realities. **Nucl Med Commun** 1984 Sep;5(9):543–4

The optimization of nuclear medicine procedures for the diagnosis and management of thyroid disorders in developing countries. Belcher EH, et al. **Nucl Med Commun** 1984 May;5(5):339–51

Violence in the Third World. O'Sullivan H. **NY State J Med** 1985 Feb;85(2):74–6

World health. Who is responsible? Edwards KS. **Ohio State Med J** 1985 Jun;81(6):411–5

Occupational safety and health in developing countries. Abrams HK. **Papua New Guinea Med J** 1984 Mar; 27(1):24–31

Aeromedical evacuations in Papua New Guinea--a case for routine oxygen supplementation in developing countries. Barber SG. **Papua New Guinea Med J** 1983 Sep–Dec; 26(3–4):203–6

Measles and blindness [letter] Van Reken D. **Pediatr Infect Dis** 1985 Mar–Apr;4(2):214–5

Report of the Task Force on the Assessment of the Scientific Evidence Relating to Infant-Feeding Practices and Infant Health. **Pediatrics** 1984 Oct;74(4 Pt 2):579–762

Review of research on the factors associated with choice and duration of infant feeding in less-developed countries. Forman MR. **Pediatrics** 1984 Oct;74(4 Pt 2):667–94 (59 ref.)

Mortality and infectious disease associated with infant-feeding practices in developing countries. Jason JM, et al. **Pediatrics** 1984 Oct;74(4 Pt 2):702–27 (75 ref.)

American Academy of Pediatrics Committee on Nutrition: Use of oral fluid therapy and posttreatment feeding following enteritis in children in a developed country. Mauer AM, et al. **Pediatrics** 1985 Feb;75(2):358–61

Trends in infant feeding in developing countries. Notzon F. **Pediatrics** 1984 Oct;74(4 Pt 2):648–66 (44 ref.)

Weaning practices in deprived environments: the weaning dilemma. Underwood BA. **Pediatrics** 1985 Jan;75(1 Pt 2):194–8

First rank symptoms and diagnosis of schizophrenia in developing countries. Ahmed SH, et al. **Psychopathology** 1984;17(5–6):275–9

Field epidemiology: methodological constraints and limitations in the developing world. Ekanem EE. **Public Health** 1985 Jan;99(1):33–6

Overview--experience and community participation count in Guatemala. Annel MV. **Public Health Rev** 1984; 12(3–4):261–3

Overview--integration: a process, not a solution. Baumslag N. **Public Health Rev** 1984;12(3–4):366–9

The PRICOR Project: applications of operations research in PHC planning in developing countries. Blumenfeld SN. **Public Health Rev** 1984;12(3–4):279–86

Project for Strengthening Health Delivery Systems (SHDS) in Central and West Africa: applied research program. Brownlee A, et al. **Public Health Rev** 1984;12(3–4):297–300

The Panay Unified Services for Health (PUSH) Project: a Philippines experience in primary health care. Capul RR, et al. **Public Health Rev** 1984;12(3–4):384–92

Health education in a peri-urban setting: the Somolu experience--Nigeria. Ekunwe EO. **Public Health Rev** 1984; 12(3–4):263–7

Primary health care progress and problems. Favin M, et al. **Public Health Rev** 1984;12(3–4):272–8

Health through improved communication--experiences in Zaire. Fountain DE. **Public Health Rev** 1984;12(3–4):343–8

Training traditional birth attendants in rural Zaire. Galloway RK, et al. **Public Health Rev** 1984;12(3–4):311–5

Nutritional assessment at village-level. Jelliffe DB. **Public Health Rev** 1984;12(3–4):316–21

Lessons learned in organizing, managing, and financing programs--Sierra Leone. Kobba BM. **Public Health Rev** 1984;12(3–4):257–60

Local health insurance supplementing national efforts--Nepal. Mogedal SM. **Public Health Rev** 1984; 12(3–4):286–93

Overview--lessons learned from experience in several African countries. Prince JS. **Public Health Rev** 1984; 12(3–4):247–9

Community participation in health action through structured problem solving: lessons learned in the socio-health program of the Togo Rural Water Project. Prins A. **Public Health Rev** 1984;12(3–4):322–31

The Imo Project: water, sanitation, and health at the grassroots. Reid RS. **Public Health Rev** 1984;12(3–4):361–6

Overview--lessons learned in developing human resources for primary health care. Roemer MI. **Public Health Rev** 1984;12(3–4):294–7

Leavell lecture: Family and community health: the need for application. Williams C. **Public Health Rev** 1984; 12(3–4):214–23

Quality assurance in radiography. Quality assurance in the developing countries. Manjoro JW. **Radiography** 1985 May–Jun;51(597):145

The World Health Organization-Basic Radiological System. Palmer PE. **Radiography** 1985 May–Jun;51(597):169–78

The role of the chemical industry in development. Büchel KH. **Regul Toxicol Pharmacol** 1985 Mar;5(1):65–78

Selective primary health care: strategies for control of disease in the developing world. XVII. Pertussis and diphtheria. Hewlett EL. **Rev Infect Dis** 1985 May–Jun;7(3):426–33 (80 ref.)

Selective primary health care: strategies for control of disease in the developing world. XIV. Leishmaniasis. Marsden PD. **Rev Infect Dis** 1984 Sep–Oct;6(5):736–44 (54 ref.)

Selective primary health care: strategies for control of disease in the developing world. XVI. Chagas' disease. Marsden PD. **Rev Infect Dis** 1984 Nov–Dec;6(6):855–65

Selective primary health care: strategies for control of disease in the developing world. XV. Acute diarrhea. Rohde JE. **Rev Infect Dis** 1984 Nov–Dec;6(6):840–54 (109 ref.)

Guideline for a programme for prevention of blindness in developing countries. Cerulli L, et al. **Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique** 1983;:85–117 **(Eng, Fre)**

1984 and occupational health in developing countries. Jeyaratnam J. **Scand J Work Environ Health** 1985 Jun;11(3 Spec No):229–34

Tracing contacts of persons with sexually transmitted diseases in a developing country. Winfield J, et al. **Sex Transm Dis** 1985 Jan–Mar;12(1):5–7

Peritoneal dialysis--a review with consideration of the role of CAPD in renal replacement therapy in developing countries. Chan MK. **Singapore Med J** 1984 Aug; 25(4):212–5

Evidence of increasing natural fertility in Taiwan. Jejeebhoy SJ. **Soc Biol** 1983 Winter;30(4):388–99

Anthropology and primary health care in developing countries. **Soc Sci Med** 1984;19(3):183–303

Economic aspects of parasitic diseases. **Soc Sci Med** 1984; 19(10):1013–126

The urban bias in health facilities in Pakistan. Akbar Zaidi S. **Soc Sci Med** 1985;20(5):473–82

Costs of training and maintenance of expert man-power vs costs of drugs. Priorities in the field of helminthic diseases in developing countries. De Schaepdryver A. **Soc Sci Med** 1984;19(10):1113–6

The demographic factor in the provision of health facilities in developing countries: the case of Nigeria. Fadayomi TO, et al. **Soc Sci Med** 1984;19(8):793–7

Infant formula samples and breast feeding among Philippine urban poor. Guthrie GM, et al. **Soc Sci Med** 1985; 20(7):713–7

Assessment and implementation of health care priorities in developing countries; incompatible paradigms and competing social systems. Makhoul N. **Soc Sci Med** 1984; 19(4):373–84

Socioeconomic and health effects on mortality declines in developing countries. Pendleton BF, et al. **Soc Sci Med** 1985;20(5):453–60

Clean water provision in rural areas of less developed countries. Roundy RW. **Soc Sci Med** 1985;20(3):293–300

Cooperation between developing countries and the pharmaceutical industry in the control of parasitic diseases: a proposal for a practical approach. Van Belle N. **Soc Sci Med** 1984;19(10):1109–11

A need for community education in development: the Mit Abu El Kom case. Weidner EL, et al. **Soc Sci Med** 1985; 20(12):1259–68

The popularity of injections in the Third World: origins and consequences for poliomyelitis. Wyatt HV. **Soc Sci Med** 1984;19(9):911–5

Renal transplantation in a developing country: anesthesia and other considerations. Youngberg JA, et al. **South Med J** 1984 Sep;77(9):1095–7, 1106

Impact of ecological changes on Anopheles vectors of malaria in some countries of Southeast Asia. De Las Llagas LA. **Southeast Asian J Trop Med Public Health** 1985 Mar;

16(1):146–8

Using surveys for management and measurement of health in developing countries. Carlson BA. **Soz Praventivmed** 1983;30(2):72–5

Involvement of WHO in the improvement of radiotherapy in developing countries. Volodin V. **Strahlentherapie** 1984 Nov;160(11):654–7

A cross-country study of commercial contraceptive sales programs: factors that lead to success. Boone MS, et al. **Stud Fam Plann** 1985 Jan–Feb;16(1):30–9

Fertility reduction policies and poverty in Third World countries: ethical issues. Hernandez DJ. **Stud Fam Plann** 1985 Mar–Apr;16(2):76–87

Breastfeeding and contraception: why the inverse association? Millman S. **Stud Fam Plann** 1985 Mar–Apr; 16(2):61–75

Contraceptive use during lactation in developing countries. Pebley AR, et al. **Stud Fam Plann** 1985 Jan–Feb;16(1):40–51

Breastfeeding, contraception, and birth intervals in developing countries. Smith DP. **Stud Fam Plann** 1985 May–Jun;16(3):154–63

Health care for diabetics: activities in the developing countries from 1979 to 1982. Skrabalo Z. **Tohoku J Exp Med** 1983 Dec;141 Suppl:55–63

Cataract surgery in developing countries. Absolon MJ. **Trop Doct** 1985 Jan;15(1):20–2

Surgery for all by the year 2000? [editorial] Bewes P. **Trop Doct** 1985 Apr;15(2):49

Management of missile injuries in a peripheral hospital. De Wind CM. **Trop Doct** 1984 Oct;14(4):157–9

Training rural health staff for oral rehydration therapy in southern Sudan. Hetta OM, et al. **Trop Doct** 1984 Oct; 14(4):151–4

Essential health care: a framework for its definition and implementation in health districts. Monekosso GL. **Trop Doct** 1984 Oct;14(4):146–50

Psychiatric illness and the role of religion in a developing country [letter] Schmutzhard E. **Trop Doct** 1984 Oct; 14(4):166

Medical audit in a rural hospital [letter] Waterston T. **Trop Doct** 1985 Apr;15(2):104

Utilization of primary health services in Port Sudan, Sudan. Saeed AA. **Trop Geogr Med** 1984 Sep;36(3):267–72

Family planning in the service of human development. Mahler H. **WHO Chron** 1984;38(6):239–42

Intersectoral linkages and health development. Case studies in India (Kerala State), Jamaica, Norway, Sri Lanka, and Thailand. **WHO Offset Publ** 1984;(83):4–53

Environmental pollution control in relation to development. Report of a WHO Expert Committee. **WHO Tech Rep Ser** 1985;718:7–63

Microcomputer applications in health population surveys: experience and potential in developing countries. Bertrand WE. **World Health Stat Q** 1985;38(1):91–100 (Eng, Fre)

The potential of national household survey programmes for monitoring and evaluating primary health care in developing countries. Carlson BA. **World Health Stat Q** 1985;38(1):38–64 (70 ref.) (Eng, Fre)

Strategies for paying for health services in developing countries. de Ferranti D. **World Health Stat Q** 1984; 37(4):428–50 (Eng, Fre)

Response errors and other problems of health interview surveys in developing countries. Kroeger A. **World Health Stat Q** 1985;38(1):15–37 (87 ref.) (Eng, Fre)

Intersectoral aspects of mortality projections in developing countries. Ruzicka LT. **World Health Stat Q** 1984; 37(3):281–93 (Eng, Fre)

[Microcomputers and improving the level of health care in developing countries] Petrášek V. **Cas Lek Cesk** 1985 Jan 25;124(4):120–1 (Cze)

[Problems in epidemiological surveys in developing countries. An attempt at a population study in Bangladesh] Breddam E, et al. **Ugeskr Laeger** 1985 Feb 25;147(9):828–9 (Dan)

[Leprosy control in Bangladesh. Evaluation of a 5-year control project in the northern part of Bangladesh] Ibsen TB, et al. **Ugeskr Laeger** 1985 Feb 25;147(9):830 (Dan)

[Simple technologies for the water supply in developing countries] Baumann W. **Ann Soc Belg Med Trop** 1984 Sep; 64(3):227–38 (Fre)

[Medicinal plants in developing countries] De Schaepdryver A. **Ann Soc Belg Med Trop** 1985 Jun;65(2):117–20 (Fre)

[Goals and perspectives of scientific research in medical parasitology in developing countries] Thai DD. **Bull Acad Natl Med (Paris)** 1984 Jan–Feb;168(1–2):262–6 (Fre)

[Bacterial and mycotic ulcers in the Third World] Verin P, et al. **Bull Soc Ophtalmol Fr** 1984 Jun–Jul;84(6–7):777–8 (Fre)

[A sociologic study of health care accessibility in an urban milieu in Tunis] Fassin D, et al. **Bull Soc Pathol Exot Filiales** 1984;77(5):717–27 (Eng. Abstr.) (Fre)

[Control of cancer of the mouth in developing countries] **Bull WHO** 1985;63(1):27–42 (Fre)

[The Cahiers is 25 years old] Bui Dang Ha Doan. **Cah Sociol Demogr Med** 1985 Jan–Mar;25(1):5–11 (Fre)

[Tropical diabetes mellitus, a new nutritional indicator?] Cuisinier-Raynal JC, et al. **Med Trop (Mars)** 1985 Apr–Jun; 45(2):179–84 (Eng. Abstr.) (Fre)

[Health consequences of the economic development of tropical countries] Nozais JP, et al. **Med Trop (Mars)** 1985 Jan–Mar;45(1):73–8 (Eng. Abstr.) (Fre)

[The Americas: the creation of a floating fund for an enlarged vaccination program] **WHO Chron** 1983;37(3):93–7 (Fre)

[Tobacco: warning to the third world] Willard N. **WHO Chron** 1983;37(3):98–100 (Fre)

[Folk medicine in Ethiopia. 1. Dermatological and health policy aspects] Barth J. **Dermatol Monatsschr** 1985; 171(5):344–7 (Ger)

[Keratitis caused by rice husks—an important cause of blindness in developing countries] Verin P, et al. **Fortschr Ophthalmol** 1984;81(5):418–20 (Eng. Abstr.) (Ger)

[External fixation of wood as an example of an adapted technic] Domres B, et al. **Langenbecks Arch Chir** 1984; 364:331–4 (Eng. Abstr.) (Ger)

[Development aid in public health—principles of an ethnospecific health system analysis] Werner R. **Off Gesundheitswes** 1985 Mar;47(3):125–9 (Ger)

[Traumatology in a Third World country. Observations on the organization and course of surgical-traumatologic care in Kenya] Richter-Turtur M. **Unfallheilkunde** 1984 Aug; 87(8):344–50 (Eng. Abstr.) (Ger)

[Experiences in the field of general surgery in a developing country under the special conditions of a conventional war] Bergemann D. **Zentralbl Chir** 1985;110(4):224–9 (Eng. Abstr.) (Ger)

[Cancer prevention in developing countries] Sarkady L. **Orv Hetil** 1985 Jul 28;126(30):1860–1 (Hun)

[Characteristics of the teaching of otorhinolaryngology to medical students from developing countries] Preobrazhenskii IuB. **Vestn Otorinolaringol** 1984 Sep–Oct; (5):57–61 (Eng. Abstr.) (Rus)

[Chronic peritoneal dialysis and social rehabilitation of uremic children in the Third World (letter)] Grünberg J, et al. **Bol Med Hosp Infant Mex** 1985 May;42(5):342–4 (Spa)

[The practicing physician in the Third World facing appropriate health technology. Active participator or sideline spectator? (editorial)] Grünberg J. **Bol Med Hosp Infant Mex** 1984 Jul;41(7):351–5 (Spa)

[The appropriate technology: a priority for the application of continuous ambulatory peritoneal dialysis in the Third World] Grünberg J, et al. **Bol Med Hosp Infant Mex** 1984 Aug;41(8):421–5 (Eng. Abstr.) (Spa)

[Improved health in Zimbabwe's rural areas as a result of the rural development project] Dahlin K, et al. **Lakartidningen** 1984 Sep 5;81(36):3141–3 (Swe)

DEVELOPMENTAL DELAY DISORDERS see **CHILD DEVELOPMENT DISORDERS**

DEVIATION, EPISTATIC see **EPISTASIS, GENETIC**

DEVICE DESIGN see **EQUIPMENT DESIGN**

DEVICE FAILURE see **EQUIPMENT FAILURE**

DEVICE SAFETY see **EQUIPMENT SAFETY**

DEVICES see **EQUIPMENT AND SUPPLIES**

DEXAMETHASONE

Participation of vascular prostacyclin for the pathogenesis of experimental glucocorticoid hypertension in rats. Miyamori I, et al. **Clin Exp Hypertens [A]** 1985;7(4):513–24

Induction of parturition in cattle using dexamethasone and cloprostenol: economic performance and disease incidence after treatment. Murray RD, et al. **Vet Rec** 1984 Sep 22; 115(12):296–300

ADMINISTRATION & DOSAGE

Dose rate, time of injection and litter size effects on dexamethasone-induced parturition in Border Leicester x Merino ewes. Edey TN, et al. **Aust Vet J** 1985 Mar; 62(3):104–5

Single dose dexamethasone suppression test in children: dose relationship to body size. Hindmarsh PC, et al. **Clin Endocrinol (Oxf)** 1985 Jul;23(1):67–70

Effects of nandrolone decanoate in NZB/W mice treated concomitantly with maintenance doses of dexamethasone sodium phosphate. Verheul HA, et al. **Int J Immunopharmacol** 1985;7(2):249–54

High-dose intravenous metoclopramide versus combination high-dose metoclopramide and intravenous dexamethasone in preventing cisplatin-induced nausea and emesis: a single-blind crossover comparison of antiemetic efficacy. Strum SB, et al. **J Clin Oncol** 1985 Feb;3(2):245–51

High dosage cyclophosphamide and dexamethasone treatment of paraquat poisoning with 75% survival. Addo E, et al. **West Indian Med J** 1984 Dec;33(4):220–6

Dexamethasone applied to pregnant minisows induces splayleg in minipiglets. Jirmanová I, et al. **Zentralbl Veterinarmed [A]** 1985 Jun;32(6):445–58

[The use of oral corticosteroids in the treatment of human African trypanosomiasis: a retrospective survey in Nioki, Zaire] Pepin J, et al. **Ann Soc Belg Med Trop** 1985; 65(1):17–29 (Eng. Abstr.) (Fre)

[Herpetic stromal keratitis: treatment with a combination of acyclovir and dexamethasone eyedrops. Apropos of 32 cases] Lagoutte F. **Bull Soc Ophtalmol Fr** 1984 Aug–Sep; 84(8–9):989–91 (Fre)

[Decrease in the electrostimulation threshold of the heart by saturating the electrode with glucocorticoids] Bredikis IuIu, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):360–1 (Eng. Abstr.) (Rus)

[Effect of long-term glucocorticoid therapy on thyroid function in patients with bronchial asthma] Landyshev IuS, et al. **Klin Med (Mosk)** 1985 Jun;63(6):87–90 (Eng. Abstr.) (Rus)

[Method of treating aneurysmal bone cysts] Krisiuk AP, et al. **Ortop Travmatol Protez** 1984 Nov;(11):59–62 (Rus)

[Experimental study of intraocular collagen-based medicated films with dexamethasone and kanamycin] Grusha OV, et al. **Vestn Oftalmol** 1984 Sep–Oct;(5):51–3 (Eng. Abstr.) (Rus)

[Peridural administration of drugs in root-compression forms of lumbar osteochondrosis] Margolin GA, et al. **Zh Nevropatol Psikhiatr** 1985;85(4):523–5 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

Attempted reactivation of contagious ecthyma in Dall sheep. Zarnke RL, et al. **Am J Vet Res** 1985 Aug;46(8):1775–6

Adverse response to endodontic material containing paraformaldehyde. Fanibunda KB. **Br Dent J** 1984 Oct 6; 157(7):231–5

Mesenteric vascular reactivity in dexamethasone-treated hypertensive rats. Iijima F, et al. **Hypertension** 1985 Sep–Oct;7(5):783–90

A call for caution in the use of aminoglutethimide: negative interactions with dexamethasone and beta blocker treatment. Halpern J, et al. **J Med** 1984;15(1):59–63

Avascular necrosis of bone following short-term dexamethasone therapy for brain edema. Case report. Fast A, et al. **J Neurosurg** 1984 Nov;61(5):983–5

Osteonecrosis after high dosage, short term corticosteroid therapy. Sambrook PN, et al. **J Rheumatol** 1984 Aug; 11(4):514–6

Fatal systemic strongyloidiasis following corticosteroid therapy. Kimmelstiel F, et al. **NY State J Med** 1984 Aug; 84(8):399–401

Pseudorabies virus in dexamethasone-treated pigs. Narita M, et al. **Vet Pathol** 1985 Jul;22(4):417–9

[The effect of prenatal therapy with corticosteroids on the incidence intranatal fetal hypoxia] Hájek Z, et al. **Cesk Gynekol** 1985 Jun;50(5):328–32 (Eng. Abstr.) (Cze)

[Septic brain abscess following closed craniocerebral trauma with steroid therapy] Moskopp D. **Neurochirurgia (Stuttg)** 1985 May;28(3):147–51 (Eng. Abstr.) (Ger)

[Hyperglycemic coma after corticosteroid therapy] Ivanova II, et al. **Sov Med** 1984;(10):112–3 (Rus)

ANALOGS & DERIVATIVES

Steroid-induced panic disorder [letter] Raskin DE. **Am J Psychiatry** 1984 Dec;141(12):1647

Dexamethasone-induced recrudescence of malignant catarrhal fever and associated lymphosarcoma and granulomatous disease in a Formosan sika deer (Cervus nippon taiouanus). Heuschele WP, et al. **Am J Vet Res** 1985 Jul;46(7):1578–83

Dexamethasone and prednisolone in the horse: pharmacokinetics and action on the adrenal gland. Toutain PL, et al. **Am J Vet Res** 1984 Sep;45(9):1750–6

Reversal of wound strength retardation by addition of insulin to corticosteroid therapy. Saragas S, et al. **Ann Ophthalmol** 1985 Jul;17(7):428–30

Effect of derivatization of the bioavailability of ophthalmic steroids. Development of an in vitro method of evaluation. Flint GR, et al. **Arch Ophthalmol** 1984 Dec;102(12):1808–9

The role of tryptophan 2,3-dioxygenase in the hormonal control of tryptophan metabolism in isolated rat liver cells. Effects of glucocorticoids and experimental diabetes. Salter M, et al. **Biochem J** 1985 Jul 15;229(2):499–504

Covalent and noncovalent receptor-glucocorticoid complexes preferentially bind to the same regions of the long terminal repeat of murine mammary tumor virus proviral DNA. Miller PA, et al. **Biochemistry** 1984 Dec 18;23(26):6883–9

Efficacy in anterior uveitis of two known steroids and topical tolmetin. Duane JA, et al. **Br J Ophthalmol** 1985 Feb; 69(2):120–5

Comparison of ophthalmic bioavailability of two dexamethasone derivatives in proprietary preparations. Morton DJ, et al. **Cent Afr J Med** 1985 Feb;31(2):32–4

Decadronphosphate in the relief of complaints after third molar surgery. A double-blind, controlled trial with bilateral oral surgery. Pedersen A. **Int J Oral Surg** 1985 Jun;14(3):235–40

Biosynthetic human EGF accelerates healing of Neodecadron-treated primate corneas. Brightwell JR, et al. **Invest Ophthalmol Vis Sci** 1985 Jan;26(1):105–10

Postoperative intravenous dexamethasone administration: a preliminary investigation. Fenton CF 3d, et al. **J Foot Surg** 1985 Mar–Apr;24(2):142–7

Diagnostic and therapeutic value of carpal tunnel injection. Green DP. **J Hand Surg [Am]** 1984 Nov;9(6):850–4

Acute and long-term atrial and ventricular stimulation thresholds with a steroid-eluting electrode. Kruse IM, et al. **PACE** 1985 Jan;8(1):45–9

Controlled trial of dexamethasone in respirator-dependent infants with bronchopulmonary dysplasia. Avery GB, et al. **Pediatrics** 1985 Jan;75(1):106–11

[Anti-inflammatory effect and tachyphylaxis of systemic and combined systemic–topical treatment with corticosteroids in the pyrexal erythema test] Stengel R, et al. **Z Hautkr** 1984 Dec 1;59(23):1620–2 (Eng. Abstr.) (Ger)

ANALYSIS

[Glucocorticoid receptors and the histological structure of breast cancer] Smirnova KD, et al. **Vopr Onkol** 1985; 31(3):74–7 (Eng. Abstr.) (Rus)

ANTAGONISTS & INHIBITORS

Insulin inhibition of tyrosine aminotransferase induction by dexamethasone is species-related. Righi DF, et al. **Comp Biochem Physiol [B]** 1984;79(1):87–92

Melatonin protects rats from injurious effects of a glucocorticoid, dexamethasone. Mori W, et al. **Jpn J Exp Med** 1984 Dec;54(6):255–61

Actinomycin D suppresses the protective effect of dexamethasone in rats affected by global cerebral ischemia. Tosaki A, et al. **Stroke** 1985 May–Jun;16(3):501–5

[Resistance to the inhibitory effect of dexamethasone in brain tumor patients] Ostroumova MN, et al. **Vopr Onkol** 1985; 31(6):22–5 (Eng. Abstr.) (Rus)

BLOOD

Plasma dexamethasone and elevated DST cortisol level [letter] Kraus RP, et al. **Am J Psychiatry** 1985 Sep; 142(9):1124–5

DIAGNOSTIC USE

Nocturnal high-dose dexamethasone suppression test in the aetiological diagnosis of Cushing's syndrome. Bruno OD, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):158–62

The correlation of dexamethasone suppression test and thyrotropin-releasing hormone test results in different subtypes of depression. D'Haenen H, et al. **Acta Psychiatr Belg** 1984 May–Jun;84(3):228–34

Response to dexamethasone in affective disorder outpatients. Steardo L, et al. **Acta Psychiatr Belg** 1984 May–Jun; 84(3):218–27

Clinical investigations into antidepressive mechanisms. II. Dexamethasone suppression test predicts response to nomifensine or amitriptyline. Beckmann H, et al. **Acta Psychiatr Scand** 1984 Oct;70(4):342–53

Dexamethasone suppression test in acute grief reaction. Das M, et al. **Acta Psychiatr Scand** 1984 Sep;70(3):278–81

DST in healthy volunteers and after sleep deprivation. Klein HE, et al. **Acta Psychiatr Scand** 1985 Jul;72(1):16–9

Postdexamethasone prolactin and cortisol: a biological state variable in depression. Klein HE, et al. **Acta Psychiatr Scand** 1984 Sep;70(3):239–47

Dexamethasone suppression test, TRH test and Newcastle II depression rating in the diagnosis of depressive disorders. Larsen JK, et al. **Acta Psychiatr Scand** 1985 May; 71(5):499–505

Three tests of cortisol secretion in adult endogenous depressives. Sachar EJ, et al. **Acta Psychiatr Scand** 1985 Jan;71(1):1–8

Dexamethasone suppression test in depression: association with duration of illness. Sashidharan SP, et al. **Acta Psychiatr Scand** 1984 Oct;70(4):354–60

Dexamethasone suppression test and the levels of serum growth hormone, plasma vasopressin and plasma homovanillic acid in depressed in- and outpatients. Syvälahti E. **Acta Psychiatr Scand** 1985 Feb;71(2):105–10

Hypothesis of a deficiency of central noradrenergic input in DST nonsuppressor depressed patients. A clinical study with determination of DST and plasma DOPEG: negative results. Loo H, et al. **Adv Biochem Psychopharmacol** 1985; 40:99–102

The DST in newly hospitalized patients [letter] **Am J Psychiatry** 1985 Aug;142(8):999–1000

Association between low plasma levels of dexamethasone and elevated levels of cortisol in psychiatric patients given dexamethasone. Arana GW, et al. **Am J Psychiatry** 1984 Dec;141(12):1619–20

The DST in psychiatric outpatients with generalized anxiety disorder, panic disorder, or primary affective disorder. Avery DH, et al. **Am J Psychiatry** 1985 Jul;142(7):844–8

ACTH levels during cortisol suppression [letter] Beresford TP, et al. **Am J Psychiatry** 1985 Apr;142(4):526

Validation of four definitions of melancholia by the dexamethasone suppression test. Davidson J, et al. **Am J Psychiatry** 1984 Oct;141(10):1220–3

Are results on the dexamethasone suppression test affected by ethnic background? [letter] Escobar JI. **Am J Psychiatry** 1985 Feb;142(2):268

The dexamethasone suppression test in organic affective syndrome. Evans DL, et al. **Am J Psychiatry** 1984 Nov; 141(11):1465–7

The DST and organic affective disorder [letter] Fahs JJ. **Am J Psychiatry** 1985 Aug;142(8):991–2

Differentiation of depression from chronic pain with the dexamethasone suppression test and DSM-III. France RD, et al. **Am J Psychiatry** 1984 Dec;141(12):1577–9

Depression and adrenal function in spinal cord injury. Frank RG, et al. **Am J Psychiatry** 1985 Feb;142(2):252–3

Possible impact of weekly DSTs on thyroid function in patients with affective disorders [letter] Gillman MA, et al. **Am J Psychiatry** 1985 May;142(5):662–3

Consistent dexamethasone suppression test results with mania and depression in bipolar illness. Godwin CD, et al. **Am J Psychiatry** 1984 Oct;141(10):1263–5

Predictive value of the dexamethasone suppression test in mania. Godwin CD, et al. **Am J Psychiatry** 1984 Dec; 141(12):1610–2

The dexamethasone suppression test and residual schizophrenia [letter] Harris VJ. **Am J Psychiatry** 1985 May;142(5):659–60

The dexamethasone suppression test in newly hospitalized schizophrenic patients. Herz MI, et al. **Am J Psychiatry** 1985 Jan;142(1):127–9

The dexamethasone suppression test and defining melancholia [letter] Holden NL. **Am J Psychiatry** 1985 Jun;142(6):777–8

Urinary free cortisol levels and dexamethasone suppression testing in organic affective disorder associated with hyperthyroidism. Kathol RG, et al. **Am J Psychiatry** 1985 Oct;142(10):1193–5

Results of the dexamethasone suppression test in psychiatric patients with and without weight loss. Keitner GI, et al. **Am J Psychiatry** 1985 Feb;142(2):246–8

Discontinuation of drugs and DST results [letter] Kraus RP, et al. **Am J Psychiatry** 1985 Apr;142(4):518

Dexamethasone suppression tests in patients with obsessive-compulsive disorder. Lieberman JA, et al. **Am J Psychiatry** 1985 Jun;142(6):747–51

The dexamethasone suppression test and mood following stroke. Lipsey JR, et al. **Am J Psychiatry** 1985 Mar; 142(3):318–23

Glucocorticoid resistance in depression: the dexamethasone suppression test and lymphocyte sensitivity to dexamethasone. Lowy MT, et al. **Am J Psychiatry** 1984 Nov;141(11):1365–70

The dexamethasone suppression test in dementia [letter] Mahendra B. **Am J Psychiatry** 1985 Apr;142(4):520–1

The dexamethasone suppression test in depressed, dysthymic, and nondepressed children. Petty LK, et al. **Am J Psychiatry** 1985 May;142(5):631–3

The DST in depressed alcoholic patients [letter] Pies R. **Am J Psychiatry** 1985 Aug;142(8):987–9

Confirmation of abnormal DST results in manic patients [letter] Poirier MF, et al. **Am J Psychiatry** 1985 Jul; 142(7):888

The dexamethasone suppression test and depressive symptoms in early and late withdrawal from alcohol. Ravi SD, et al. **Am J Psychiatry** 1984 Nov;141(11):1445–8

Possible dexamethasone influences on subsequent serial DST results [letter] Rihmer Z, et al. **Am J Psychiatry** 1985 Apr; 142(4):519–20

Questions unanswered in article on DST in adolescents [letter] Robbins DR, et al. **Am J Psychiatry** 1984 Nov; 141(11):1492–3

The dexamethasone suppression test in normal control subjects: comparison of two assays and effect of age. Rosenbaum AH, et al. **Am J Psychiatry** 1984 Dec; 141(12):1550–5

Neuroendocrine and personality variables in dysthymic disorder. Roy A, et al. **Am J Psychiatry** 1985 Jan; 142(1):94–7

Recent alcohol abstinence and the dexamethasone suppression test [letter] Swartz CM, et al. **Am J Psychiatry** 1984 Dec;141(12):1643–4

Consistent reversal of abnormal DSTs after different antidepressant therapies in a patient with dementia. Wamboldt MZ, et al. **Am J Psychiatry** 1985 Jan; 142(1):100–3

Effect of dexamethasone on babesiasis in hamsters. Eckblad WP, et al. **Am J Vet Res** 1984 Sep;45(9):1880–2

The clinical diagnostic value of dexamethasone suppression test in depressive illness. Hwu HG, et al. **Ann Acad Med Singapore** 1985 Jan;14(1):104–9

Limited utility of the 1-mg dexamethasone suppression test as a measure of hypercortisolism [letter] **Arch Gen Psychiatry** 1985 Feb;42(2):200–4

The dexamethasone suppression test and pituitary-adrenocortical function. Brown WA, et al. **Arch Gen Psychiatry** 1985 Feb;42(2):121–3

Hypothalamic-pituitary-adrenocortical activity in patients with diabetes mellitus. Cameron OG, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1090–5

A sensitive, outpatient dexamethasone suppression test [letter] Charles GA, et al. **Arch Gen Psychiatry** 1985 May; 42(5):523–4

Biological 'markers' for endogenous depression. Effect of age, severity of illness, weight loss, and polarity. Feinberg M, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1080–5

Abnormal results of dexamethasone suppression tests in nondepressed patients with diabetes mellitus. Hudson JI, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1086–9

Plasma cortisol determination for the dexamethasone suppression test. Comparison of competitive protein-binding and commercial radioimmunoassay methods. Ritchie JC, et al. **Arch Gen Psychiatry** 1985 May; 42(5):493–7

Postdexamethasone cortisol levels and subgroups of affective illness [letter] Rothschild AJ, et al. **Arch Gen Psychiatry** 1985 Jul;42(7):739

Caffeine-induced escape from dexamethasone suppression [letter] Uhde TW, et al. **Arch Gen Psychiatry** 1985 Jul; 42(7):737–8

Importance of diagnostic thresholds in familial classification. Dexamethasone suppression test and familial subtypes of depression. Zimmerman M, et al. **Arch Gen Psychiatry** 1985 Mar;42(3):300–4

The dexamethasone suppression test. An indicator of depression in stroke but not a predictor of rehabilitation outcome. Reding M, et al. **Arch Neurol** 1985 Mar; 42(3):209–12

Methodological standards in studies evaluating the dexamethasone suppression test. Davies J, et al. **Aust NZ J Psychiatry** 1984 Sep;18(3):273–6

Cortisol suppression index in major depressive illness. Fraser A. **Aust NZ J Psychiatry** 1984 Sep;18(3):277–9

The dexamethasone suppression test in elderly, non-depressed patients with dementia. Galletly CA, et al. **Aust NZ J Psychiatry** 1985 Mar;19(1):95–6

The dexamethasone suppression test in the puerperium. Greenwood J, et al. **Aust NZ J Psychiatry** 1984 Sep; 18(3):282–4

The sensitivity and specificity of the DST in child psychiatric disorders [letter] Sellman D, et al. **Aust NZ J Psychiatry** 1984 Sep;18(3):289

Agoraphobia and the dexamethasone suppression test: atypical depression? Whiteford HA, et al. **Aust NZ J Psychiatry** 1984 Dec;18(4):374–7

Dexamethasone suppression test in geriatric depression. Alexopoulos GS, et al. **Biol Psychiatry** 1984 Nov; 19(11):1567–71

Pre- and post-dexamethasone saliva cortisol determination in chronic pain patients. Atkinson JH Jr, et al. **Biol Psychiatry** 1984 Jul;19(7):1155–9

The Dexamethasone Suppression Test in depression, in schizophrenia, and during experimental stress. Baumgartner A, et al. **Biol Psychiatry** 1985 Jun;20(6):675–9

Nonsuppression of ACTH in lung cancer [letter] Brophy MH, et al. **Biol Psychiatry** 1985 May;20(5):584

The dexamethasone suppression test in depression: some correlates [letter] Bryer JB, et al. **Biol Psychiatry** 1985 Jul; 20(7):814–5

ECT-responsive nonmelancholic depression associated with extreme concentrations of post-dexamethasone cortisol. Fogel BS. **Biol Psychiatry** 1984 Oct;19(10):1477–80

Alterations in cholinergic receptors mediate the effects of dexamethasone on corticosterone. Gershon S, et al. **Biol Psychiatry** 1985 Apr;20(4):458–60

Serial monitoring of antidepressant response to electroconvulsive therapy with sleep EEG recordings and dexamethasone suppression tests. Grunhaus L, et al. **Biol Psychiatry** 1985 Jul;20(7):805–8

The dexamethasone suppression test in fibrositis. Hudson JI, et al. **Biol Psychiatry** 1984 Oct;19(10):1489–93

Mood response to methylphenidate and the Dexamethasone Suppression Test as predictors of treatment response to zimelidine and lithium in major depression. Joyce PR. **Biol Psychiatry** 1985 Jun;20(6):598–604

Dexamethasone suppression in major depression. Kocsis JH, et al. **Biol Psychiatry** 1984 Aug;19(8):1255–9

What does the dexamethasone suppression test identify? Krishnan KR, et al. **Biol Psychiatry** 1985 Sep;20(9):957–64

Weight change and the dexamethasone suppression test. Krishnan KR, et al. **Biol Psychiatry** 1985 Sep;20(9):1018–22

The dexamethasone suppression test in borderline personality disorder. Krishnan KR, et al. **Biol Psychiatry** 1984 Jul; 19(7):1149–53

Failure to normalize the dexamethasone suppression test: association with length of illness. Lenox RH, et al. **Biol Psychiatry** 1985 Mar;20(3):333–7

Chronic alcohol administration increases corticosterone resistance to suppression by dexamethasone. McIntyre IM, et al. **Biol Psychiatry** 1984 Dec;19(12):1725–9

The dexamethasone suppression test: interaction of diagnosis, sex, and age in psychiatric inpatients. Nelson WH, et al. **Biol Psychiatry** 1984 Sep;19(9):1293–304

Does severity of dementia modulate response to dexamethasone in individuals with primary degenerative dementia? Pomara N, et al. **Biol Psychiatry** 1984 Oct; 19(10):1481–7

Habituation and cortisol dysregulation in depression. Reus VI, et al. **Biol Psychiatry** 1985 Sep;20(9):980–9

Suicide and the dexamethasone suppression test in adolescence. Robbins DR, et al. **Biol Psychiatry** 1985 Jan; 20(1):107–10

Depression and anxiety inventories, and the dexamethasone suppression test. Sangal R, et al. **Biol Psychiatry** 1984 Aug; 19(8):1207–13

Cognitive functioning in biological subtypes of depression. Silberman EK, et al. **Biol Psychiatry** 1985 Jun;20(6):654–61

The dexamethasone suppression test in patients with postpsychotic depressions. Siris SG, et al. **Biol Psychiatry** 1984 Sep;19(9):1351–6

The relationships of historically defined subtypes of depression to ACTH and cortisol levels in depression: preliminary study. Winokur G, et al. **Biol Psychiatry** 1985 Jul;20(7):751–7

The limited utility of the dexamethasone suppression test for the diagnostic process in psychiatry. Berger M, et al. **Br J Psychiatry** 1984 Oct;145:372–82

DST in mania:prolonged suppression? [letter] Bhadrinath B, et al. **Br J Psychiatry** 1984 Nov;145:555–6

Does the dexamethasone suppression test predict antidepressant treatment success? Coppen A, et al. **Br J Psychiatry** 1985 Mar;146:294–6

Dexamethasone suppression test [letter] Gagiano CA, et al. **Br J Psychiatry** 1985 Apr;146:452

The DST and its relationship to psychiatric diagnosis, symptoms and treatment outcome. Klein HE, et al. **Br J Psychiatry** 1984 Dec;145:591–9

Clinical use of the DST in a psychogeriatric population. McKeith IG. **Br J Psychiatry** 1984 Oct;145:389–93

Dexamethasone suppression test and REM sleep in patients with major depressive disorder. Mendlewicz J, et al. **Br J Psychiatry** 1984 Oct;145:383–8

The dexamethasone suppression test in psychotic versus non-psychotic endogenous depression. Rihmer Z, et al. **Br J Psychiatry** 1984 Nov;145:508–11

Serum cortisol concentrations during low dose dexamethasone suppression test to screen for Cushing's syndrome. Kennedy L, et al. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1188–91

Dexamethasone suppression test as a simple measure of stress? Mellsop GW, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1804–6

Clinical utility of dexamethasone suppression testing in the elderly depressive: a case report. Kutcher SP. **Can J Psychiatry** 1984 Oct;29(6):505–7

Comparative dexamethasone suppression test measurements in bulimia, depression and normal controls. Musisi S, et al. **Can J Psychiatry** 1985 Apr;30(3):190–4

The dexamethasone suppression test and thyroid stimulating hormone response to TRH in RDC schizoaffective patients. Sauer H, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(4):264–7

Dexamethasone suppression test in autistic children. Hoshino Y, et al. **Folia Psychiatr Neurol Jpn** 1984;38(4):445–9

Evaluation of depression in a general hospital: utility and limitations of the dexamethasone suppression test. Thase ME, et al. **Gen Hosp Psychiatry** 1985 Jan;7(1):43–8

Suppression of the plasma cortisol level by a single large dose of dexamethasone administered in the morning in Cushing's disease. Nishida S, et al. **Horm Metab Res** 1984 Jun;16(6):326–7

Attribution style, the dexamethasone suppression test, and the diagnosis of melancholia in depressed inpatients. Zimmerman M, et al. **J Abnorm Psychol** 1984 Nov;93(4):373–7

The dexamethasone suppression test in delusional depression. Further findings. Ayuso-Gutierrez JL, et al. **J Affective Disord** 1985 Mar–Apr;8(2):147–51

The dexamethasone suppression test in depression. Dam H, et al. **J Affective Disord** 1985 Jan–Feb;8(1):95–103

The dexamethasone suppression test in acute mania. Godwin CD. **J Affective Disord** 1984 Dec;7(3–4):281–6

Self-reported diurnal mood changes, early morning awakening and the dexamethasone suppression test in endogenous depression. Grunhaus L, et al. **J Affective Disord** 1985 Jan–Feb;8(1):1–7

A relationship between prolactin levels and dexamethasone suppression test results in major depressive disorder. Joyce PR, et al. **J Affective Disord** 1985 Mar–Apr;8(2):191–5

The dexamethasone suppression test and depressive signs in dementia. Katona CL, et al. **J Affective Disord** 1985 Jan–Feb;8(1):83–9

The dexamethasone suppression test in schizo-affective depression. Katona CL, et al. **J Affective Disord** 1985 Mar–Apr;8(2):107–12

MMPI, personality dysfunction and the dexamethasone suppression test in major depression. Norman WH, et al. **J Affective Disord** 1985 Jul;9(1):97–101

Rhythm-related changes in pituitary-adrenal function in depression. Sherman BM, et al. **J Affective Disord** 1985 Jul;9(1):55–61

Four definitions of endogenous depression and the dexamethasone suppression test. Zimmerman M, et al. **J Affective Disord** 1985 Jan–Feb;8(1):37–45

The dexamethasone suppression test in infantile autism. Jensen JB, et al. **J Am Acad Child Psychiatry** 1985 May;24(3):263–5

Non-dexamethasone-suppressible, pituitary-dependent hyperadrenocorticism in a dog. Kemppainen RJ, et al. **J Am Vet Med Assoc** 1985 Aug 1;187(3):276–8

Beta-lipotropin and cortisol responses to an intravenous infusion dexamethasone suppression test in Cushing's syndrome and obesity. Abou Samra AB, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):116–9

Use of the dexamethasone-adrenocorticotropin test to assess the requirement for continued glucocorticoid replacement therapy after pituitary surgery. Beyer HS, et al. **J Clin Endocrinol Metab** 1985 May;60(5):1012–8

Dexamethasone preparation does not alter corticoid and androgen responses to adrenocorticotropin. Rosenfield RL, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):585–9

Does the dexamethasone suppression test have clinical utility in psychiatry? Baldessarini RJ, et al. **J Clin Psychiatry** 1985 Feb;46(2 Pt 2):25–9

Dynamics of the cortisol suppression index in depression. Bernstein JP, et al. **J Clin Psychiatry** 1984 Oct;45(10):433–6

Dexamethasone suppression test: a review of contemporary confusion. Carroll BJ. **J Clin Psychiatry** 1985 Feb;46(2 Pt 2):13–24 (83 ref.)

Age, medical illness, and the DST in depressed general hospital inpatients. Fogel BS, et al. **J Clin Psychiatry** 1985 Mar;46(3):95–7

Dexamethasone suppression test results in delusional versus nondelusional depression: preliminary evidence of distinct clinical entities. Kraus RP, et al. **J Clin Psychiatry** 1985 May;46(5):188–90

A comparison of the cortisol suppression index and the dexamethasone suppression test. Laux G, et al. **J Clin Psychiatry** 1984 Oct;45(10):431–2

Use of biologic markers in a general hospital affective disorders program. Lieber AL, et al. **J Clin Psychiatry** 1985 Jun;46(6):217–21

The dexamethasone suppression test in patients with bulimia. Mitchell JE, et al. **J Clin Psychiatry** 1984 Dec;45(12):508–11

Depression after minor closed head injury: role of dexamethasone suppression test and antidepressants. Saran AS. **J Clin Psychiatry** 1985 Aug;46(8):335–8

Discussion of 'controversies in psychiatry': depression in the medically ill, sleep disorders in the elderly, and the DST. Schatzberg AF. **J Clin Psychiatry** 1985 Feb;46(2 Pt 2):30–1

The validity of the DST [letter] Zimmerman M. **J Clin Psychiatry** 1985 Mar;46(3):110

Cortisol suppression index: a further evaluation. Zung WW, et al. **J Clin Psychiatry** 1984 Oct;45(10):437–8

The dexamethasone suppression test in agoraphobia. Peterson GA, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):100–2

Neuroendocrine investigation of depression in mentally retarded patients. A pilot study. Ruedrich SL, et al. **J Nerv Ment Dis** 1985 Feb;173(2):85–9

Limited significance of asymmetric adrenal visualization on dexamethasone-suppression scintigraphy. Gross MD, et al. **J Nucl Med** 1985 Jan;26(1):43–8

Dexamethasone suppression test in affective and other psychiatric disorders. Shima S, et al. **Kobe J Med** 1984 Nov;33(4):161–5

Further investigation of the dexamethasone suppression test in affective illnesses: relationship to clinical diagnosis and therapeutic response. Mendlewicz J, et al. **Neuropsychobiology** 1984;12(1):23–6

The dexamethasone suppression test in long-stay patients and the effect of mianserin [letter] Maar SA, et al. **NZ Med J** 1984 Oct 24;97(766):742

The dexamethasone suppression test as a biologic marker of depression in chronic pain. France RD, et al. **Pain** 1985 Jan;21(1):49–55

Dexamethasone suppression test in depression. Thase ME, et al. **Penn Med** 1984 Oct;87(10):32, 34

Dexamethasone suppression test as a predictor of drug treatment response. Arató M, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984;8(4–6):649–52

The use of laboratory tests in psychiatric diagnosis: the DST as an example. Coryell W. **Psychiatr Dev** 1984 Autumn;2(3):139–59 (89 ref.)

Use of saliva cortisol in the dexamethasone suppression test. Ansseau M, et al. **Psychiatry Res** 1984 Nov;13(3):203–11

Cortisol response to morphine and the DST [letter] Banki CM, et al. **Psychiatry Res** 1985 May;15(1):81–3

The effect of stress on the dexamethasone suppression test. Ceulemans DL, et al. **Psychiatry Res** 1985 Mar;14(3):189–95

Abnormal dexamethasone suppression test in primary obsessive-compulsive patients: a confirmatory report. Cottraux JA, et al. **Psychiatry Res** 1984 Oct;13(2):157–65

Effects of antidepressant withdrawal on the dexamethasone suppression test. Dilsaver SC, et al. **Psychiatry Res** 1985 Feb;14(2):11–22

Dexamethasone suppression test and weight loss [letter] Holsboer F, et al. **Psychiatry Res** 1984 Dec;13(4):353–4

Dexamethasone suppression test (DST) and plasma dexamethasone levels in depressed patients. Johnson GF, et al. **Psychiatry Res** 1984 Dec;13(4):305–13

Diagnostic heterogeneity and the DST in consecutive psychiatric admissions. Keitner GI, et al. **Psychiatry Res** 1985 Mar;14(3):215–23

Influence of age on the cortisol response to dexamethasone. Lewis DA, et al. **Psychiatry Res** 1984 Nov;13(3):213–20

The dexamethasone suppression and metyrapone tests in depression. Morphy MA, et al. **Psychiatry Res** 1985 Jun;15(2):153–8

Noradrenergic function and the cortisol response to dexamethasone in depression. Rubin AL, et al. **Psychiatry Res** 1985 May;15(1):5–15

Effect of weekly testing on dexamethasone suppression test results in normal subjects. Yerevanian BI, et al. **Psychiatry Res** 1985 Mar;14(3):209–13

The research diagnostic criteria for endogenous depression and the dexamethasone suppression test: a discriminant function analysis. Zimmerman M, et al. **Psychiatry Res** 1985 Mar;14(3):197–208

Diagnostic performance of the thirty-four hour dexamethasone suppression test. Ansseau M, et al. **Psychoneuroendocrinology** 1985;10(2):215–9

Plasma corticosterone and cortisol following dexamethasone in psychiatric patients. Arana GW, et al. **Psychoneuroendocrinology** 1985;10(1):49–60

Melatonin, cortisol and ACTH in patients with major depressive disorder and healthy humans with special reference to the outcome of the dexamethasone suppression test. Beck-Friis J, et al. **Psychoneuroendocrinology** 1985;10(2):173–86

Direct radioimmunoassay of cortisol in saliva and its application to the dexamethasone suppression test in affective disorders. Hanada K, et al. **Psychoneuroendocrinology** 1985;10(2):193–201

Serum aldosterone following dexamethasone in depressed patients. Targum SD, et al. **Psychoneuroendocrinology** 1984;9(3):305–9

Adrenocortical hyperactivity in newly admitted alcoholics: prevalence, course and associated variables. Willenbring ML, et al. **Psychoneuroendocrinology** 1984;9(4):415–22

The dexamethasone suppression and TRH stimulation tests in the initial phase of depression treatment. Escobar JI, et al. **Psychopharmacol Bull** 1985;21(1):77–80

Diagnostic limitations of the dexamethasone suppression test in screening for depression. Burch EA Jr. **South Med J** 1985 Jan;78(1):16–9

Serial dexamethasone tests for predicting relapse in depressive disorder. Targum SD. **South Med J** 1984 Nov;77(11):1402–5

[Comparative study on the dexamethasone suppression test in major depression and acute schizophrenia] Gu NF. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Feb;18(1):36–40 (Eng. Abstr.) (Chi)

[The dexamethasone suppression test in normal subjects and depressive patients] Xie GR. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Aug;17(4):245–8 (Eng. Abstr.) (Chi)

[Experience in the use of the dexamethasone suppression test in the diagnosis of depressive states] Zapletálek M, et al. **Cesk Psychiatr** 1984 Aug;80(4):224–32 (Eng. Abstr.) (Cze)

[Value of the dexamethasone suppression test in a sample of sectorized patients] Gaillard P, et al. **Ann Med Psychol (Paris)** 1984 Jul–Aug;142(7):1001–7 (Eng. Abstr.) (Fre)

[Value and limits of conducting several neuro-endocrine tests in the diagnosis of depressive states] Schmitt L, et al. **Ann Med Psychol (Paris)** 1985 Feb;143(2):166–74 (Fre)

[The dexamethasone suppression test in depression. Critical review] Bailly D, et al. **Encephale** 1984;10(4):155–69 (208 ref.) (Eng. Abstr.) (Fre)

[The dexamethasone suppression test in agoraphobia with panic attacks. 30 cases] Cottraux J, et al. **Encephale** 1984;10(6):267–72 (Eng. Abstr.) (Fre)

[The dexamethasone suppression test in child and adolescent psychiatry] Dugas M, et al. **Encephale** 1984;10(6):259–66 (Eng. Abstr.) (Fre)

[Plasma and saliva DST (dexamethasone suppression test) in depression. Clinical applications and kinetic approach] Piollet I, et al. **Encephale** 1984;10(6):279–80 (Eng. Abstr.) (Fre)

[Agoraphobia with panic attacks. Value of the dexamethasone test (letter)] Cottraux J, et al. **Presse Med** 1984 Nov 24;13(42):2582 (Fre)

[Dexamethasone suppression test: a biologic marker of endogenous depression?] Berger M, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(2):137–46 (Eng. Abstr.) (Ger)

[Dexamethasone suppression test in anorexia nervosa] Kuhs H, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):335–40 (Eng. Abstr.) (Ger)

[Value of the dexamethasone-mestranol-HCG test for the differential diagnosis of forms of hirsutism] Wodrig W, et al. **Zentralbl Gynakol** 1985;107(14):883–8 (Eng. Abstr.) (Ger)

[Clinical use of the dexamethasone suppression test] De Leo D, et al. **Minerva Psichiatr** 1984 Apr–Jun;25(2):115–25 (44 ref.) (Eng. Abstr.) (Ita)

[Dexamethasone test in endogenous depression] Taracha E, et al. **Psychiatr Pol** 1984 Nov–Dec;18(6):537–42 (Eng. Abstr.) (Pol)

[Corticosteroid therapy test in the evaluation of the reversibility of respiratory airways obstruction] Dangubić V, et al. **Vojnosanit Pregl** 1984 May–Jun;41(3):184–7 (Eng. Abstr.) (Scr)

[Clinical and endocrinological aspects of delusional depression] Ayuso Gutiérrez JL, et al. **Acta Psiquiatr Psicol Am Lat** 1984 Sep;30(3):175–83 (Eng. Abstr.) (Spa)

[Dexamethasone suppression test and unipolar-bipolar classification of depression] Ayuso Gutiérrez JL, et al. **Actas Luso Esp Neurol Psiquiatr** 1985 Jan–Feb;13(1):1–4 (Eng. Abstr.) (Spa)

[Use of the dexamethasone suppression test in a prospective study of pseudodementias] Chinchilla Moreno A, et al. **Actas Luso Esp Neurol Psiquiatr** 1985 Jan–Feb;13(1):27–35 (Eng. Abstr.) (Spa)

[Dexamethasone suppression test in dementias] Peralta Martin V, et al. **Actas Luso Esp Neurol Psiquiatr** 1985 Jan–Feb;13(1):53–6 (Eng. Abstr.) (Spa)

METABOLISM

Cellular distribution of dexamethasone in rabbit spleen and lymph nodes. Tchernitchin AN, et al. **Agents Actions** 1984 Dec;15(5–6):588–93

Diagnosis of canine Cushing's syndrome based on multiple steroid analysis and dexamethasone turnover kinetics. Lothrop CD Jr, et al. **Am J Vet Res** 1984 Nov;45(11):2304–9

Dexamethasone and prednisolone in the horse: pharmacokinetics and action on the adrenal gland. Toutain PL, et al. **Am J Vet Res** 1984 Sep;45(9):1750–6

Effect of derivatization of the bioevailability of ophthalmic steroids. Development of an in vitro method of evaluation. Flint GR, et al. **Arch Ophthalmol** 1984 Dec;102(12):1808–9

Specific binding of dexamethasone to plasma membranes from skeletal muscle. Savart M, et al.

Biochim Biophys Acta 1985 Feb 28;813(1):87–95

Influence of streptozotocin-diabetes on the pharmacokinetics, placental transfer and tissue localization of dexamethasone in rats. Mulay S, et al. **Br J Pharmacol** 1984 Sep;83(1):139–44

Influence of protein-calorie malnutrition on the pharmacokinetics, placental transfer and tissue localization of dexamethasone in rats. Varma DR, et al. **Br J Pharmacol** 1984 Sep;83(1):131–7

[3H]Dexamethasone binding in rat frontal cortex. Meaney MJ, et al. **Brain Res** 1985 Feb 25;328(1):176–80

Dexamethasone: pharmacokinetics in neurological patients. Eadie MJ, et al. **Clin Exp Neurol** 1984;20:107–18

Autoradiographic localization of specific [3H]dexamethasone binding in fetal lung. Beer DG, et al. **Dev Biol** 1984 Oct; 105(2):351–64

Cytoplasmic inhibiting factors for 3H-dexamethasone binding to glucocorticoid receptors in rat tissues. Izawa M, et al. **Endocrinol Jpn** 1984 Aug;31(4):471–82

The heterogeneity of human fibroblasts as determined from the effects of hydrocortisone on cell growth and specific dexamethasone binding. Kondo H, et al. **Exp Cell Res** 1985 Jun;158(2):342–8

Effect of benzo(a)pyrene treatment of neonatal and growing rats on steroid receptor binding capacity in adulthood. Csaba G, et al. **Gen Pharmacol** 1984;15(6):557–8

Differences in metabolic properties among cortisol, prednisolone, and dexamethasone in liver and renal diseases: accelerated metabolism of dexamethasone in renal failure. Kawai S, et al. **J Clin Endocrinol Metab** 1985 May; 60(5):848–54

Effect of dicyclomine on intestinal absorption, disposition and biliary excretion of dexamethasone. Ogiso T, et al. **J Pharmacobiodyn** 1985 Jan;8(1):41–9

Influence of phosphatase inhibitors and nucleotides on [3H]dexamethasone binding in cytosol of human placenta. Heller C, et al. **J Steroid Biochem** 1984 Oct;21(4):381–6

A correlative study of the binding of dexamethasone in hypothalamic blocks in vitro with its ability to inhibit the release of bioactive corticotrophin-releasing factor. Holmes MC, et al. **J Steroid Biochem** 1985 Jun;22(6):759–65

RNase A effects on sedimentation and DNA binding properties of dexamethasone-receptor complexes from HeLa cell cytosol. Rossini GP. **J Steroid Biochem** 1985 Jan;22(1):47–56

Epinephrine and norepinephrine syntheses are regulated by a glucocorticoid receptor-mediated mechanism in the bovine adrenal medulla. Nawata H, et al. **Life Sci** 1985 May 20;36(20):1957–66

Incorporation of dexamethasone by Candida albicans. Ghannoum MA, et al. **Microbios** 1985;42(168):103–9

Properties and distribution of glucocorticoid-binding sites in cytosol of the spinal cord. Orti E, et al. **Neuroendocrinology** 1985 Mar;40(3):225–31

[A comparative study of the accelerated metabolism of cortisol, prednisolone and dexamethasone in patients under rifampicin therapy] Kawai S. **Nippon Naibunpi Gakkai Zasshi** 1985 Mar 20;61(3):145–61 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

Quantitative aspects of the effects of insulin, epidermal growth factor and dexamethasone on DNA synthesis in cultured adult rat hepatocytes. Sand TE, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):369–77

Footshock sensitivity of rats after adrenalectomy and glucocorticoid treatments. Markel E, et al. **Acta Physiol Hung** 1984;64(2):123–7

Effect of dexamethasone treatment on sex steroid-binding protein, corticosteroid-binding globulin, and steroid hormones in cycling rhesus macaques. Stanczyk FZ, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):464–70

Dexamethasone-induced insulin resistance enhances B cell responsiveness to glucose level in normal men. Beard JC, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E592–6

Inhibition of hexose transport in adipocytes by dexamethasone: role of protein synthesis. Carter-Su C, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):E215–23

Glucocorticoid effects on Na-K-ATPase in rabbit nephron segments. Garg LC, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):F487–91

Differential effects of corticosteroids on Na+ transport in rat distal colon in vitro. Jorkasky D, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G424–31

Glucocorticoid activation of Na+/H+ exchange in renal brush border vesicles: kinetic effects. Kinsella JL, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F233–9

Effects of glucocorticoid treatment on excitation-contraction coupling. Laszewski B, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E363–9

Phosphate uptake by proximal cells isolated from rabbit kidney: role of dexamethasone. Poujeol P, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F74–83

Endotoxin-induced hematologic and blood chemical changes in ponies: effects of flunixin meglumine, dexamethasone, and prednisolone. Ewert KM, et al. **Am J Vet Res** 1985 Jan;46(1):24–30

Kinetics of antibody formation after the reactivation of bovine herpesvirus-1 infection in cattle. Guy JS, et al. **Am J Vet Res** 1985 Apr;46(4):899–901

Enhancement of lymphocyte blastogenesis and neutrophil function by avridine in dexamethasone-treated and nontreated cattle. Roth JA, et al. **Am J Vet Res** 1985 Jan; 46(1):53–7

Effect of dexamethasone on the fetal mouse small intestine in organ culture. Beaulieu JF, et al. **Anat Rec** 1984 Sep; 210(1):61–71

Effect of dexamethasone on the mean plaque size of bovine herpesvirus 1. Curvers V, et al. **Ann Rech Vet** 1985; 16(1):80–5

Dexamethasone, medroxyprogesterone acetate, and vindesine modulation of human malignant melanoma growth in soft agar. Bojar H, et al. **Anticancer Res** 1985 Mar–Apr; 5(2):189–92

Regulation of high- and low-affinity epidermal growth factor receptors by glucocorticoids. Fanger BO, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):141–9

Glucocorticoid-induced alteration of beta-adrenergic adenylate cyclase response of epidermis. Ohkawara A, et al. **Arch Dermatol Res** 1985;277(2):88–92

Dexamethasone decreases lethality of rats in acute poisoning with T-2 toxin. Tremel H, et al. **Arch Toxicol** 1985 Apr; 57(1):74–5

Estrogen-like effects of combined dexamethasone and tamoxifen in the chick oviduct. Gravanis A, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):57–62

Dexamethasone directly inhibits snake venom phospholipase A. Kato N, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):761–7

An inhibitor of ornithine decarboxylase in the thymus and spleen of dexamethasone-treated rats. Bishop PB, et al. **Biochem J** 1985 Feb 15;226(1):105–12

Role of dexamethasone and insulin on the development of the five urea-cycle enzymes in cultured rat foetal hepatocytes. Husson A, et al. **Biochem J** 1985 Jan 1; 225(1):271–4

Pretranslational regulation of tyrosine aminotransferase and phosphoenolpyruvate carboxykinase (GTP) synthesis by glucagon and dexamethasone in adult rat hepatocytes. Iynedjian PB, et al. **Biochem J** 1985 Jan 1;225(1):77–84

Dexamethasone increases UDP-glucuronyltransferase activity towards bilirubin, oestradiol and testosterone in foetal liver from rhesus monkey during late gestation. Leakey JE, et al. **Biochem J** 1985 Jan 1;225(1):183–8

Glucocorticoids induce the expression of the uteroglobin gene in rabbit foetal lung explants cultured in vitro. López de Haro MS, et al. **Biochem J** 1985 Jan 1;225(1):255–8

Modulation by dexamethasone of the pyruvate dehydrogenase-complex activity in 3T3-L1 adipocytes. Patel MS, et al. **Biochem J** 1985 Mar 1;226(2):607–11

Effect of dexamethasone on the synthesis of dolichol-linked saccharides and glycoproteins in hepatocytes prepared from control and inflamed rats. Sarkar M, et al. **Biochem J** 1985 Apr 15;227(2):675–82

Effects of verapamil and dexamethasone on the 1,25-dihydroxyvitamin D3-mediated calcium absorptive mechanism in the organ-cultured embryonic chick duodenum. Corradino RA. **Biochem Pharmacol** 1985 Jun 1;34(11):1971–4

Effect of hormones on transcription of the gene for cytosolic phosphoenolpyruvate carboxykinase (GTP) in rat kidney. Meisner H, et al. **Biochemistry** 1985 Jan 15;24(2):421–5

Glucocorticoid modulation of collagenase expression in human skin fibroblast cultures. Evidence for pre-translational inhibition. Bauer EA, et al. **Biochim Biophys Acta** 1985 Jun 24;825(2):227–35

Effects of insulin, glucagon and dexamethasone on pyruvate kinase in cultured hepatocytes. Fleig WE, et al. **Biochim Biophys Acta** 1984 Oct 12;805(2):165–73

Expression of carbamoyl-phosphate synthetase I mRNA in Reuber hepatoma H-35 cells. Regulation by glucocorticoid and insulin. Kitagawa Y, et al. **Biochim Biophys Acta** 1985 Jun 24;825(2):148–53

Effect of dexamethasone, indomethacin, and lipopolysaccharide on the secretion of interstitial collagenase and type V collagenase by cultured macrophages. Mainardi CL. **Biochim Biophys Acta** 1984 Oct 12;805(2):137–42

The influence of glucocorticoid on albumin synthesis and its messenger RNA in rat in vivo and in hepatocyte suspension culture. Moshage HJ, et al. **Biochim Biophys Acta** 1985 Jan 29;824(1):27–33

Opposite effects of glucocorticoid on estrogen-induced growth and differentiation of quail oviduct: demonstration by sequential treatments. Boisvieux-Ulrich E, et al. **Biol Cell** 1984;51(3):335–46

Toward a biochemical classification of depressive disorders IX. DST results and platelet MAO activity. Schatzberg AF, et al. **Br J Psychiatry** 1985 Jun;146:633–7

Nerve growth factor and dexamethasone specify the catecholaminergic phenotype of cultured rat chromaffin cells: dependence on developmental stage. Grothe C, et al. **Brain Res** 1985 Jul;353(1):125–32

Long-term regulation of tyrosine hydroxylase activity in the superior cervical ganglion in organ culture: effects of nerve stimulation and dexamethasone. Ip NY, et al. **Brain Res** 1985 Jul 8;338(1):61–70

The effect of 5,7-dihydroxytryptamine on the serum corticosterone resistance to suppression by dexamethasone. McIntyre IM, et al. **Brain Res** 1984 Aug 20;309(1):156–8

Down-regulation of neural corticosterone receptors by corticosterone and dexamethasone. Sapolsky RM, et al. **Brain Res** 1985 Jul 22;339(1):161–5

Depletion of total acetylcholine by hemicholinium-3 in isolated rat diaphragm is less in the presence of dexamethasone. Veldsema-Currie RD, et al. **Brain Res** 1984 Dec 24;324(2):305–12

Dexamethasone affects radioactive choline uptake in rat diaphragm nerve endings and not in muscle fibres. Veldsema-Currie RD, et al. **Brain Res** 1985 Feb 18; 327(1-2):340–3

Modulation of PTH-stimulated cyclic AMP in cultured rodent bone cells: the effects of 1,25(OH)2 vitamin D3 and its interaction with glucocorticoids. Chen TL, et al. **Calcif Tissue Int** 1984 Sep;36(5):580–5

Tumorigenicity in nude mice of dexamethasone-sensitive and -resistant, differentiated and dedifferentiated hepatoma cells. Bösze Z, et al. **Cancer Res** 1985 May;45(5):2165–9

Synergism and antagonism in the effects of 1 alpha,25-dihydroxyvitamin D3, retinoic acid, dexamethasone, and a tumor-promoting phorbol ester on the functional capability of P388D1 cells: phagocytosis and transglutaminase activity. Goldman R. **Cancer Res** 1985 Jul;45(7):3118–24

Effects of vitamin A and dexamethasone on collagen degradation in mouse mammary adenocarcinoma. Takahashi S, et al. **Cancer Res** 1985 Jul;45(7):3311–21

Hormonal regulation of the Rous sarcoma virus src gene via a heterologous promoter defines a threshold dose for cellular transformation. Jakobovits EB, et al. **Cell** 1984 Oct; 38(3):757–65

Increased numbers of neuroepithelial bodies (NEB) in lungs of fetal rhesus monkeys following maternal dexamethasone treatment. Dayer AM, et al. **Cell Tissue Res** 1985; 239(3):703–5

Embryonic rat adrenal glands in organ culture: effects of dexamethasone, nerve growth factor and its antibodies on pheochromoblast differentiation. Unsicker K, et al. **Cell Tissue Res** 1985;241(1):207–17

Hormonal influence on water permeability across the blood-brain barrier. Reid AC, et al. **Clin Exp Neurol** 1983; 19:50–3

Effect of dexamethasone on glutamine synthetase and glial fibrillary acidic protein in normal and transformed astrocytes. Weir MD, et al. **Clin Neuropharmacol** 1984; 7(4):303–6

Dexamethasone inhibits the production of thromboxane B2 and leukotriene B4 by human alveolar and peritoneal macrophages in culture. Fuller RW, et al. **Clin Sci** 1984 Dec;67(6):653–6

The effect of dexamethasone on plasma glucose and liver glycogen levels in premetamorphic Rana catesbeiana tadpoles and frogs. Woody CJ, et al. **Comp Biochem Physiol [A]** 1985;80(3):359–62

The H-2 genetic complex, dexamethasone-induced cleft palate, and other craniofacial anomalies. Bonner JJ. **Curr Top Dev Biol** 1984;19:193–215 (35 ref.)

Inducibility of carbamoylphosphate synthetase (ammonia) in cultures of embryonic hepatocytes: ontogenesis of the responsiveness to hormones. Lamers WH, et al. **Dev Biol** 1984 Oct;105(2):500–8

Impaired insulin biosynthetic capacity in a rat model for non-insulin-dependent diabetes. Studies with dexamethasone. Giddings SJ, et al. **Diabetes** 1985 Mar; 34(3):235–40

Modulation of enhancer activity by the hormone responsive regulatory element from mouse mammary tumor virus. Ostrowski MC, et al. **EMBO J** 1984 Aug;3(8):1891–9

Interaction of glucocorticoids in stimulation of liver tyrosine aminotransferase and tryptophan pyrrolase by estrogen in female rats. Németh S, et al. **Endocrinol Exp (Bratisl)** 1984 Dec;18(4):215–21

Influence of glucocorticoids on brain serotonin metabolism in rats. Kawamura H, et al. **Endocrinol Jpn** 1984 Oct; 31(5):595–603

Effect of dexamethasone on the release of pituitary hormones in monolayer cultures of rat pituitary cells. Nakagawa K, et al. **Endocrinol Jpn** 1985 Feb;32(1):61–4

Characterization of insulin-like growth factor I receptors on cultured rat bone cells: regulation of receptor concentration by glucocorticoids. Bennett A, et al. **Endocrinology** 1984 Oct;115(4):1577–83

Effect of dexamethasone on adenosine 3',5'-monophosphate content and phosphodiesterase activities in 3T3-L1 adipocytes. Elks ML, et al. **Endocrinology** 1984 Oct; 115(4):1350–6

Dexamethasone permits the release of an inhibitor of pyruvate dehydrogenase from Reuber H-35 hepatoma cells in response to insulin. Esau BD, et al. **Endocrinology** 1985 Aug;117(2):698–703

Effects of adrenalectomy and dexamethasone administration on the level of prepro-corticotropin-releasing factor messenger ribonucleic acid (mRNA) in the hypothalamus and adrenocorticotropin/beta-lipotropin precursor mRNA in the pituitary in rats. Jingami H, et al. **Endocrinology** 1985 Oct;117(4):1314–20

Glucocorticoid inhibition of urokinase-like plasminogen activators in cultured human lymphoblasts. Littlefield BA, et al. **Endocrinology** 1985 Sep;117(3):1100–9

Glucocorticoid regulation of alkaline phosphatase in the osteoblastic osteosarcoma cell line ROS 17/2.8. Majeska RJ, et al. **Endocrinology** 1985 Jan;116(1):170–9

Microsomal phosphorylase in rat heart: depletion following adrenalectomy and restoration by in vivo administration of dexamethasone. Narayanan N, et al. **Endocrinology** 1985 Oct;117(4):1544–9

Differential suppression of the outer and inner zones of the adrenal cortex of the guinea pig. Obara T, et al. **Endocrinology** 1984 Nov;115(5):1838–41

Hormonal regulation of somatomedin secretion by fetal rat hepatocytes in primary culture. Richman RA, et al. **Endocrinology** 1985 Jan;116(1):180–8

Glucocorticoid-dependent uteroglobin synthesis and uteroglobulin mRNA levels in rabbit lung explants cultured in vitro. Fernández-Renau D, et al. **Eur J Biochem** 1984 Nov 2;144(3):523–7

Effects of glucagon, dexamethasone and triiodothyronine on phosphoenolpyruvate carboxykinase (GTP) synthesis and mRNA level in rat liver cells. Iynedjian PB, et al. **Eur J Biochem** 1984 Dec 17;145(3):489–97

Dexamethasone restores hormonal inducibility of ornithine decarboxylase in primary cultures of rat hepatocytes. Schulz WA, et al. **Eur J Biochem** 1985 Feb 1;146(3):549–53

Regulation of glucose-6-phosphate dehydrogenase mRNA by insulin and the glucocorticoids in primary cultures of rat hepatocytes. Stumpo DJ, et al. **Eur J Biochem** 1984 Nov 2;144(3):497–502

The effect of dexamethasone on albumin production by fetal rat hepatocytes in culture. Yeoh GC, et al. **Eur J Cell Biol** 1985 Jul;38(1):157–64

Vasoactive intestinal polypeptide stimulation of prolactin release and renin activity in normal man and patients with hyperprolactinaemia: effects of pretreatment with bromocriptine and dexamethazone. Lightman SL, et al. **Eur J Clin Invest** 1984 Dec;14(6):444–8

Effects of dexamethasone and indomethacin on the vascular beta 2-adrenolytic action of pertussis toxin in rats; a prostaglandin-mediated phenomenon. De Wildt DJ, et al. **Eur J Pharmacol** 1985 Jan 22;108(2):113–9

Effect of glucocorticoid administration early in life on aortic prostaglandin synthesis and morphology in atherosclerosis-susceptible pigeons. Deitemeyer D, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):147–54

Effect of growth factors with dexamethasone on healing of rabbit corneal stromal incisions. Woost PG, et al. **Exp Eye Res** 1985 Jan;40(1):47–60

Effect of dexamethasone on the synthesis of specific proteins in fetal rabbit lung in vivo and in organ culture. Phelps DS, et al. **Exp Lung Res** 1984;7(3–4):195–210

Natural killer-like activity in human cultured lymphoid cells propagated in the presence of interleukin-2: acquired resistance to prostaglandin E2- or dexamethasone-mediated suppression. Suzuki H, et al. **Experientia** 1985 May 15;41(5):667–9

Induction of rat alpha 2-macroglobulin in vivo and in hepatocyte primary cultures: synergistic action of glucocorticoids and a Kupffer cell-derived factor. Bauer J, et al. **FEBS Lett** 1984 Nov 5;177(1):89–94

Effect of dexamethasone on polypeptides synthesised in polymorphonuclear leucocytes. Blowers LE, et al. **FEBS Lett** 1985 Feb 25;181(2):362–6

Induction of lamellar bodies synthesis by corticosteroids in first trimester human fetal lungs. Zsolnai B, et al. **Ginekol Pol** 1984 Jun;55(6):385–92

Effects of dexamethasone on albumin and collagen gene expression in primary cultures of adult rat hepatocytes. Jefferson DM, et al. **Hepatology** 1985 Jan–Feb;5(1):14–20

Inhibition of the ACTH adrenal response to stress by treatment with hydrocortisone, prednisolone and dexamethasone in the rat. Baumann JB, et al. **Horm Res** 1985;21(4):254–60

Dissociation of plasma cortisol and ACTH responses to dexamethasone in healthy subjects. Sherman BM, et al. **Horm Res** 1984;20(3):157–65

Dexamethasone suppresses concanavalin A-induced production of chemotactic lymphokines by releasing a soluble factor from splenic T lymphocytes. Hirashima M, et al. **Immunology** 1985 Mar;54(3):533–40

Effects of thiabendazole on dexamethasone-induced suppression of lymphocyte and neutrophil function in cattle. Kaeberle ML, et al. **Immunopharmacology** 1984 Dec;8(3–4):129–36

Attempts to use thiabendazole to improve the immune response in dexamethasone-treated or stressed cattle. Roth JA, et al. **Immunopharmacology** 1984 Dec;8(3–4):121–8

Glycogen synthesis in serum-free cultured hepatocytes in response to insulin and dexamethasone. Lopez MP, et al. **In Vitro** 1984 Dec;20(12):923–31

Glucocorticoid modulation of lymphokine-induced giant cell formation. Galindo B. **Inflammation** 1984 Dec;8(4):393–406

Studies on the relationship between the radiation resistance and glutathione content of human and rodent cells after treatment with dexamethasone in vitro. Millar BC, et al. **Int J Radiat Biol** 1985 May;47(5):539–52

Modification by dexamethasone of radiation response of in vitro cultured cells. Brock WA, et al. **Int J Radiat Oncol Biol Phys** 1984 Nov;10(11):2113–7

Opposite effects of a glucocorticoid and an immunostimulating agent on prostaglandin production by two different cell types. Durant S, et al. **Int J Tissue React** 1985;7(2):117–22

Problems and results in testing the possible mode of anti-inflammatory glucocorticoid action in carrageenin rat paw oedema: advantages of local substance injection. Hirschelmann R, et al. **Int J Tissue React** 1984;6(6):471–5

Morphological and histochemical study on the adrenal cortex of the dexamethasone-treated albino rat. Ricciardi MP, et al. **Int J Tissue React** 1984;6(4):333–7

Effects of dexamethasone, progesterone, and testosterone on IOP and GAGs in the rabbit eye. Knepper PA, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1093–100

Acute effects of dexamethasone on intraocular pressure in glaucoma. Weinreb RN, et al. **Invest Ophthalmol Vis Sci** 1985 Feb;26(2):170–5

The effects of dexamethasone administration on EEG sleep in depressed patients. Kupfer DJ, et al. **J Affective Disord** 1984 Oct;7(2):93–8

Effect of dexamethasone on de novo IgE synthesis by human blood lymphocytes. Hemady Z, et al. **J Allergy Clin Immunol** 1985 Feb;75(2):304–12

Evaluation of a combined dexamethasone suppression/ACTH stimulation test in dogs with hyperadrenocorticism. Feldman EC. **J Am Vet Med Assoc** 1985 Jul 1;187(1):49–53

Dexamethasone and indomethacin modify endotoxin-induced respiratory failure in pigs. Olson NC, et al. **J Appl Physiol** 1985 Jan;58(1):274–84

Effect of glucocorticoids on hexose transport in rat adipocytes. Evidence for decreased transporters in the plasma membrane. Carter-Su C, et al. **J Biol Chem** 1985 Sep 15;260(20):11091–8

Analysis of gene expression during differentiation of adipogenic cells in culture and hormonal control of the developmental program. Chapman AB, et al. **J Biol Chem** 1984 Dec 25;259(24):15548–55

Augmentation of unesterified arachidonic acid in the renal inner medulla of dexamethasone-treated rats. Relationship to altered triglyceride metabolism. Erman A, et al. **J Biol Chem** 1985 Apr 25;260(8):4679–83

Growth factor- and dexamethasone-induced proteins in Swiss 3T3 cells. Relationship to DNA synthesis. Levenson R, et al. **J Biol Chem** 1985 Jul 5;260(13):8056–63

Glucocorticoids stimulate elastin production in differentiated bovine ligament fibroblasts but do not induce elastin synthesis in undifferentiated cells. Mecham RP, et al. **J Biol Chem** 1984 Oct 25;259(20):12414–8

Dexamethasone increases expression of mannose receptors and decreases extracellular lysosomal enzyme accumulation in macrophages. Shepherd VL, et al. **J Biol Chem** 1985 Jan 10;260(1):160–4

Dexamethasone and retinyl acetate similarly inhibit and stimulate EGF- or insulin-induced proliferation of prostatic epithelium. Chaproniere DM, et al. **J Cell Physiol** 1985 Feb;122(2):249–53

Antagonistic effects of insulin and dexamethasone on glucose-regulated and heat shock protein synthesis. Kasambalides EJ, et al. **J Cell Physiol** 1985 May;123(2):283–7

Glucocorticoid-stimulated biosynthesis of low density lipoprotein receptor in cultured fibroblasts. Filipovic I, et al. **J Clin Chem Clin Biochem** 1985 Jun;23(6):331–6

Aging alters somatomedin-C-dexamethasone synergism in the stimulation of deoxyribonucleic acid synthesis and replication of cultured human fibroblasts. Conover CA, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):423–8

Enhancement of adrenal cortisol secretion after intravenous high dose dexamethasone. Graybeal ML, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):607–11

Effect of dexamethasone on growth hormone (GH) response to growth hormone releasing hormone in acromegaly. Nakagawa K, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):306–10

The effect of dexamethasone on the 24-hour profiles of adrenocorticotropin and cortisol in Cushing's syndrome. Refetoff S, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):527–35

Differential acute effects of aldosterone, dexamethasone, and hyperkalemia on distal tubular potassium secretion in the rat kidney. Field MJ, et al. **J Clin Invest** 1984 Nov;74(5):1792–802

Dexamethasone regulation of glycosaminoglycan synthesis in cultured human skin fibroblasts. Similar effects of glucocorticoid and thyroid hormones. Smith TJ. **J Clin Invest** 1984 Dec;74(6):2157–63

Mechanism of the regulation of the 1 alpha,25-dihydroxyvitamin D3 receptor in the rat jejunum by glucocorticoids. Chan SD, et al. **J Endocrinol** 1984 Dec;103(3):295–300

Corticosterone availability in male rats at rest and during shock avoidance: differences among individuals, temporal patterns and effects of dexamethasone. Wade S. **J Endocrinol** 1984 Nov;103(2):187–94

Regulation of hormone release by cultured cells from a thyrotropin-growth hormone-secreting pituitary tumor. Direct inhibiting effects of 3,5,3'-triiodothyronine and dexamethasone on thyrotropin secretion. Lamberts SW, et al. **J Endocrinol Invest** 1984 Aug;7(4):313–7

Enhanced replication of human cytomegalovirus in human fibroblasts treated with dexamethasone. Tanaka J, et al. **J Gen Virol** 1984 Oct;65 (Pt 10):1759–67

Prostaglandin production by phagocytic cells of the mouse thymic reticulum in culture and its modulation by indomethacin and corticosteroids. Homo-Delarche F, et al. **J Immunol** 1985 Jul;135(1):506–12

Effect of glucocorticoids on the development of suppressive activity in human lymphocyte response to a polysaccharide purified from Candida albicans. Piccolella E, et al. **J Immunol** 1985 Feb;134(2):1166–71

Regulation of mediator release from mouse bone marrow-derived mast cells by glucocorticoids. Robin JL, et al. **J Immunol** 1985 Oct;135(4):2719–26

Regulation of secretory component by glucocorticoids in primary cultures of rat hepatocytes. Wira CR, et al. **J Immunol** 1985 Mar;134(3):1744–8

Effects of specific antibodies, hormones, and lipoproteins on bacterial lipopolysaccharides injected into the rat. Munford RS, et al. **J Infect Dis** 1985 Jul;152(1):177–84

Reduction of serum Interleukin-1-like activity after treatment with dexamethasone. Staruch MJ, et al. **J Leukocyte Biol** 1985 Feb;37(2):193–207

Sodium-dependent modulation of the renal Na-K-ATPase: influence of mineralocorticoids on the cortical collecting duct. O'Neil RG, et al. **J Membr Biol** 1985;85(2):169–79

Regulation of growth hormone messenger RNA synthesis by dexamethasone and triiodothyronine. Transcriptional rate and mRNA stability changes in pituitary tumor cells. Diamond DJ, et al. **J Mol Biol** 1985 Jan 5;181(1):41–62

Glucocorticoid-mediated increases in glycerol phosphate dehydrogenase activity is inhibited by the phorbol ester tumor promoters. Bressler JP, et al. **J Neurochem** 1985 Oct;45(4):1268–72

Small intensely fluorescent cells in culture: role of glucocorticoids and growth factors in their development and interconversions with other neural crest derivatives. Doupe AJ, et al. **J Neurosci** 1985 Aug;5(8):2143–60

Analysis of the effect of an anti-inflammatory steroid, dexamethasone, on neutrophil chemotaxis in the Boyden chamber with a modified 51Cr-labeling method. Kurihara A, et al. **J Pharmacobiodyn** 1984 Oct;7(10):747–54

Effects of vasopressin on electrolyte transport across isolated colon from normal and dexamethasone-treated rats. Bridges RJ, et al. **J Physiol (Lond)** 1984 Oct;355:11–23

Dexamethasone increases plasma free dopamine in man. Rothschild AJ, et al. **J Psychiatr Res** 1984;18(3):217–23

Effect of median eminence lesions and hormonal replacement on the prolactin receptors in the adrenal gland and Langerhans islets from ovariectomized adult rats. Lüthy IA, et al. **J Recept Res** 1985;5(1):105–19

Lack of effect of dexamethasone on corticosteroid production in the amphibian. Netchitailo P, et al. **J Steroid Biochem** 1984 Dec;21(6):727–31

Generation of glucocorticoid-responsive Moloney murine leukemia virus by insertion of regulatory sequences from murine mammary tumor virus into the long terminal repeat. Overhauser J, et al. **J Virol** 1985 Apr;53(4):133–44

Use of the mouse mammary tumor virus long terminal repeat to promote steroid-inducible expression of v-mos. Papkoff J, et al. **J Virol** 1984 Nov;52(2):420–30

Low-dose dexamethasone suppression of urinary free cortisol in the differential diagnosis between Cushing's syndrome and obesity. Kreze A, et al. **Klin Wochenschr** 1985 Feb 15;63(4):188–9

Dexamethasone and zinc in combination inhibit the anchorage-independent growth of S-91 Cloudman murine melanoma. Kreutzfeld KL, et al. **Life Sci** 1985 Mar 4;36(9):823–7

The effects of a single acute dose of dexamethasone on monoamine and metabolite levels in rat brain. Rothschild AJ, et al. **Life Sci** 1985 Jul 1;36(26):2491–501

Dexamethasone increases both catecholamines and methionine-enkephalin in cultured bovine adrenal chromaffin cells and human extramedullary pheochromocytoma cells. Yanase T, et al. **Life Sci** 1984 Oct 29;35(18):1869–75

Glucocorticosteroid response modifying factors. Fairchild SS, et al. **Lymphokine Res** 1982;1(4):113–20

Fluorescence microscopical study on fibre formation from carotid bodies from normal or dexamethasone-treated postnatal rats in intraocular transplants to adult rats. Päivärinta H, et al. **Med Biol** 1984;62(3):181–8

Effects of glucocorticoids on glutamine metabolism in visceral organs. Souba WW, et al. **Metabolism** 1985 May;34(5):450–6

Role of anions in the lymphocytolytic action of corticosteroids and fatty acids. Burton AF, et al. **Mol Cell Biochem** 1984 Sep;63(2):125–9

Alterations in chromatin structure associated with glucocorticoid-induced expression of endogenous mouse mammary tumor virus genes. Peterson DO. **Mol Cell Biol** 1985 May;5(5):1104–10

Coordinate regulation of mouse metallothionein I and II genes by heavy metals and glucocorticoids. Yagle MK, et al. **Mol Cell Biol** 1985 Feb;5(2):291–4

Opposite regulation of pro-opiomelanocortin gene transcription by glucocorticoids and CRH. Gagner JP, et al. **Mol Cell Endocrinol** 1985 Apr;40(1):25–32

Recovery of the hypothalamo-pituitary-adrenocortical axis in the rat after long-term dexamethasone treatment. Nicholson S, et al. **Neuroendocrinology** 1984 Oct;39(4):343–9

Experimental carbon dioxide laser brain lesions and intracranial dynamics: Part 2. Effect on brain water content and its response to acute therapy. Tiznado EG, et al. **Neurosurgery** 1985 Apr;16(4):454–7

Hormonal regulation of transcription of rDNA: glucocorticoid effects upon initiation and elongation in vitro. Cavanaugh AH, et al. **Nucleic Acids Res** 1985 May 10;13(9):3357–69

Dexamethasone inhibits alpha-fetoprotein gene transcription in neonatal rat liver and isolated nuclei. Huang DP, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3873–90

Rat alpha 1-fetoprotein messenger RNA: 5'-end sequence and glucocorticoid-suppressed liver transcription in an improved nuclear run-off assay. Turcotte B, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2387-98

Hormonal regulation of transcription of rDNA: use of nucleoside thiotriphosphates to measure initiation in isolated nuclei. Zhang ZY, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8115-28

Steroid effects on uveal transport. Stone RA, et al. **Ophthalmic Res** 1984;16(6):297-301

In vitro evaluation of cellular inhibitory potential of various antineoplastic drugs and dexamethasone. Fiscella R, et al. **Ophthalmic Surg** 1985 Apr;16(4):247-9

ACTH-dependent modulation of malaria immunity in mice. van Zon AA, et al. **Parasite Immunol** 1985 Mar;7(2):107-17

Effect of prenatal dexamethasone on immunoreactive 6-ketoprostaglandin F1 alpha levels in fetal rat lungs. Tsai MY, et al. **Pediatr Res** 1984 Sep;18(9):908-11

Dexamethasone stimulation of fetal rat lung antioxidant enzyme activity in parallel with surfactant stimulation. Frank L, et al. **Pediatrics** 1985 Mar;75(3):569-74

Effects of aldosterone and dexamethasone on apical membrane properties and Na-transport of rabbit distal colon in vitro. Clauss W, et al. **Pflugers Arch** 1985 Feb; 403(2):186-92

Relationship between adrenal steroids and renal Na-K-ATPase. Effect of short-term hormone administration on the rat cortical collecting tubule. Mujais SK, et al. **Pflugers Arch** 1984 Sep;402(1):48-51

Effects of morphine and their antagonism by dexamethasone on body temperature in restrained and unrestrained guinea-pigs. del Rio-García J, et al. **Pharmacol Res Commun** 1985 Apr;17(4):385-94

Gene expression during terminal differentiation: dexamethasone suppression of inducer-mediated alpha 1- and beta maj-globin gene expression. Kaneda T, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5020-4

Dexamethasone-induced phospholipase A2-inhibitory proteins (PLIP) influenced by the H-2 histocompatibility region. Gupta C, et al. **Proc Soc Exp Biol Med** 1985 Jan; 178(1):29-35

1,25-Dihydroxyvitamin D3 induction of CABP and stimulation of calcium uptake in embryonic chick duodena in culture: effects of verapamil and/or dexamethasone. Corradino RA. **Prog Clin Biol Res** 1984;168:165-70

Effects of lithium, nortriptyline and dexamethasone on insulin sensitivity. Grof E, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):687-90

Inhibition of arachidonic acid metabolism is not involved in dexamethasone-induced growth inhibition in embryonic palatal development. Grove RI, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):85-95

Dexamethasone suppresses beta-endorphin in humans. Krantz DE, et al. **Psychoneuroendocrinology** 1985; 10(2):211-4

Cortisol and prolactin responses to dexamethasone in major depression, chronic pain, and chronic pain with major depression. Atkinson JH Jr, et al. **Psychopharmacol Bull** 1985;21(3):690-3

Prediction of serum cortisol response to dexamethasone in normal volunteers: a multivariate approach. Branconnier RJ, et al. **Psychopharmacology (Berlin)** 1984;84(2):274-5

The effect of adrenalectomy and dexamethasone on the antinociceptive effects of physostigmine. Romano JA, et al. **Psychopharmacology (Berlin)** 1984;84(3):426-30

The effect of dexamethasone on the cytotoxic and enzymatic response of cultured endothelial cells to radiation. Lam TT, et al. **Radiat Res** 1985 Aug;103(2):240-50

Models for assessing scar tissue inhibitors. van Bockxmeer FM, et al. **Retina** 1985 Winter-Spring;5(1):47-60

The stabilizing effect of glucocorticoids on human endothelial cells in culture. Järveläinen H, et al. **Scand J Clin Lab Invest** 1985 May;45(3):223-8

Effects of dexamethasone on phospholipase activities in palate mesenchyme cells in vitro. Chepenik KP, et al. **Teratology** 1985 Aug;32(1):119-23

[Effects of dexamethasone on the depression of lymphocyte immune response in the experimental rats with transplanted glioma] Huang Q. **Chung Hua Chung Liu Tsa Chih** 1984 Jul;6(4):244-6 (Eng. Abstr.) **(Chi)**

[Changes in hemostasis in leukocyte donors] Malý J, et al. **Vnitr Lek** 1984 Nov;30(11):1078-82 (Eng. Abstr.) **(Cze)**

[Animal experiments on the reaction of dental hard substance to corticoids] Radtke G, et al. **Padiatr Grenzgeb** 1985; 24(2):167-74 (Eng. Abstr.) **(Ger)**

[Glucocorticoids and insulin resistance: effects of dexamethasone, betamethasone and triamcinolone on insulin receptors in healthy subjects] Calafiore R, et al. **Recenti Prog Med** 1985 Jan;76(1):22-5 (Eng. Abstr.) **(Ita)**

[Glucocorticoid effect on glucoregulatory enzymes of the septic rat liver] Ebata T, et al. **Masui** 1984 Dec; 33(12):1366-70 (Eng. Abstr.) **(Jpn)**

[Effects of various drugs and fluid on the blood coagulation-fibrinolysis and kinin systems in canine hemorrhagic shock] Hatano K. **Masui** 1985 May;34(5):637-48 (Eng. Abstr.) **(Jpn)**

[Hormonal regulation of transcription of liver specific enzymes and cytosociology of hepatocytes] Nakamura T. **Seikagaku** 1984 Dec;56(12):1491-9 (43 ref.) **(Jpn)**

[Neurocryptococosis and immunosuppression: experimental model in mice] Machado LR, et al. **Arq Neuropsiquiatr** 1985 Mar;43(1):29-38 (Eng. Abstr.) **(Por)**

[Effect of phosphemide in combination with dexamethasone on DNA structure in sarcoma 45] Babaian IuS, et al. **Biofizika** 1985 May-Jun;30(3):414-7 (Eng. Abstr.) **(Rus)**

[Effect of repeated administration of dexamethasone on various indicators of erythropoiesis] Romashko OO, et al. **Gematol Transfuziol** 1985 Jun;30(6):47-9 (Eng. Abstr.) **(Rus)**

[Effect of ACTH and glucocorticoids on plasma prolactin levels in the male rat] López-Calderón A, et al. **Rev Esp Fisiol** 1984 Dec;40(4):483-8 (Eng. Abstr.) **(Spa)**

THERAPEUTIC USE

Effect of dexamethasone on serum protein extravasation in experimental brain infarcts of monkey: an immunohistochemical study. Barbosa-Coutinho LM, et al. **Acta Neuropathol (Berl)** 1985;65(3-4):255-60

Antenatal therapy with corticosteroids and postpartum complications. Curet LB, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):83-4

Unsuccessful treatment of fetal immunologic thrombocytopenia with dexamethasone. Yin CS, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):316-7

Oxygen toxicity in rats. Varied effect of dexamethasone treatment depending on duration of hyperoxia. Koizumi M, et al. **Am Rev Respir Dis** 1985 Jun;131(6):907-11

Prehospital use of dexamethasone in pulseless idioventricular rhythm. Paris PM, et al. **Ann Emerg Med** 1984 Nov; 13(11):1006-10

A case of sympathetic uveitis. Kayazawa F. **Ann Ophthalmol** 1980 Sep;12(9):1106-8

Aphakic macular edema: some observations on prevention and pathogenesis. Krishnan MM, et al. **Ann Ophthalmol** 1985 Apr;17(4):253-7

Effects of intravitreal administration of steroids on experimental subretinal neovascularization in the subhuman primate. Ishibashi T, et al. **Arch Ophthalmol** 1985 May; 103(5):708-11

The anti-inflammatory effects of dexamethasone and therapeutic ultrasound in oral surgery. ElHag M, et al. **Br J Oral Maxillofac Surg** 1985 Feb;23(1):17-23

Dexamethasone and high dose metoclopramide: efficacy in controlling cisplatin induced nausea and vomiting. Allan SG, et al. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):878-9

Improved control of cisplatin-induced emesis with a metoclopramide-dexamethasone combination. Cognetti F, et al. **Cancer Chemother Pharmacol** 1984;13(3):235-7

Evaluation of a combination antiemetic regimen including iv high-dose metoclopramide, dexamethasone, and diphenhydramine in cisplatin-based chemotherapy regimens. Rosell R, et al. **Cancer Treat Rep** 1985 Jul-Aug; 69(7-8):909-10

A new family with dexamethasone-suppressible hyperaldosteronism: aldosterone unresponsiveness to angiotensin II. Fallo F, et al. **Clin Endocrinol (Oxf)** 1985 Jun;22(6):777-85

Hypertension corrected and aldosterone responsiveness to renin-angiotensin restored by long-term dexamethasone in glucocorticoid-suppressible hyperaldosteronism. Woodland E, et al. **Clin Exp Pharmacol Physiol** 1985 May-Jun;12(3):245-8

Mononuclear infiltrates in human intracranial tumors as a prognostic factor. Influence of preoperative steroid treatment. I. Glioblastoma. Böker DK, et al. **Clin Neuropathol** 1984 Jul-Aug;3(4):143-7

Transient acute disc swelling associated with improved metabolic control in an adolescent with type-I diabetes: role of dexamethazone therapy. Dorchy H, et al. **Eur J Pediatr** 1985 Jan;143(3):187-90

Serum estradiol and danazol. I. Endometriosis response, side effects, administration interval, concurrent spironolactone and dexamethasone. Dickey RP, et al. **Fertil Steril** 1984 Nov;42(5):709-16

Is misonidazole neurotoxicity altered by the use of phenytoin and/or dexamethasone in RTOG 79-18 and RTOG 79-16? Nelson DF, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep; 10(9):1731-4

Misonidazole with dexamethasone rescue: an escalating dose toxicity study. Tanasichuk H, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1735-7

Sensitivity of cortisol and adrenal androgens to dexamethasone suppression in hirsute women. Rittmaster RS, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):462-6

Excess mineralocorticoid receptor activity in patients with dexamethasone-suppressible hyperaldosteronism is under adrenocorticotropin control. Speiser PW, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):297-302

Antiemetic efficacy of high-dose dexamethasone versus placebo in patients receiving cisplatin-based chemotherapy: a randomized double-blind controlled clinical trial. D'Olimpio JT, et al. **J Clin Oncol** 1985 Aug;3(8):1133-5

Effects of dexamethasone treatment on acoustic neuromas: evaluation by computed tomography. Hatam A, et al. **J Comput Assist Tomogr** 1985 Sep-Oct;9(5):857-60

Who goes and who stays: subject loss in a multicenter, longitudinal follow-up study. Aylward GP, et al. **J Dev Behav Pediatr** 1985 Feb;6(1):3-8

Oral submucous fibrosis—treatment with hyalase. Kakar PK, et al. **J Laryngol Otol** 1985 Jan;99(1):57-9

Cortisol production during high dose dexamethasone therapy in neurological and neurosurgical patients. Brophy T, et al. **J Neurol Neurosurg Psychiatry** 1984 Oct;47(10):1081-6

Phenytoin impairs the bioavailability of dexamethasone in neurological and neurosurgical patients. Chalk JB, et al. **J Neurol Neurosurg Psychiatry** 1984 Oct;47(10):1087-90

Pharmacologic suppression of the fetal adrenal gland in utero. Attempted prevention of abnormal external genital masculinization in suspected congenital adrenal hyperplasia. Evans MI, et al. **JAMA** 1985 Feb 15; 253(7):1015-20

Antiemetic effect of dexamethasone [letter] **N Engl J Med** 1984 Dec 13;311(24):1576-7

Dexamethasone in the treatment of acute mountain sickness [letter] Ferreira P, et al. **N Engl J Med** 1985 May 23; 312(21):1390

Treatment of acute mountain sickness [letter] Shlim DR. **N Engl J Med** 1985 Oct 3;313(14):891-2

Cerebroprotective effect of dexamethasone by increasing the tolerance to hypoxia and preventing brain oedema in newborn piglets with experimental pneumothorax. Temesvári P, et al. **Neurosci Lett** 1984 Aug 24; 49(1-2):87-92

Steroids and lumbar discectomy [letter] Dunsker SB. **Neurosurgery** 1985 Apr;16(4):583-4

Effect of gentamicin and dexamethasone on the natural history of the rat Escherichia coli brain abscess model with histopathological correlation. Neuwelt EA, et al. **Neurosurgery** 1984 Oct;15(4):475-83

Intracanal use of a corticosteroid solution as an endodontic anodyne. Moskow A, et al. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):600-4

Oral dexamethasone for treatment of persistent middle ear effusion. Macknin ML, et al. **Pediatrics** 1985 Feb; 75(2):329-35

Comparative evaluation of two outpatient antiemetic regimens for cancer chemotherapy. Pruitt BT, et al. **Tex Med** 1985 Jul;81(7):44-5

Reduction of mortality in chloramphenicol-treated patients with severe typhoid fever by high dose dexamethasone. Hoffman SL, et al. **Trans Assoc Am Physicians** 1983; 96:188-96

[Dexamethasone induction and preparation for labor in prolonged pregnancy] Penev I. **Akush Ginekol (Sofiia)** 1985;24(1):27-35 (Eng. Abstr.) **(Bul)**

[Surgical treatment of Basedow's disease. I—Traditions and new methods in preparation for thyroidectomy: use of dexamethasone] Houlbert D, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(7):509-14 (Eng. Abstr.) **(Fre)**

[Efficacy of dexamethasone in the treatment of hyperthyroidism caused by amiodarone (letter)] Simon C, et al. **Presse Med** 1984 Dec 15;13(45):2767 **(Fre)**

[Therapeutic possibilities in hirsutism] Huber H, et al. **Gynakol Rundsch** 1984;24(3):161-7 **(Ger)**

[How effective is the treatment schedule in children with infantile spasms?] Kotlarek F, et al. **Klin Padiatr** 1985 Jan-Feb;197(1):21-4 (Eng. Abstr.) **(Ger)**

[Treatment results in severe craniocerebral trauma with and without dexamethasone therapy] Sollmann WP, et al. **Neurochirurgia (Stuttg)** 1985 Mar;28(2):46-50 (Eng. Abstr.) **(Ger)**

[Effect of methylprednisolone and dexamethasone on the prognosis and EEG in severe craniocerebral injuries] Steudel WI, et al. **Neurochirurgia (Stuttg)** 1984 Jul; 27(4):111-4 (Eng. Abstr.) **(Ger)**

[Treatment of scalp psoriasis. A new dexamethasone preparation in a double-blind trial with hydrocortisone-17-butyrate] Lassus A, et al. **Schweiz Rundsch Med Prax** 1985 Apr 9;74(15):382-3 (Eng. Abstr.) **(Ger)**

[Alternating administration in external therapy with corticosteroids in daily practice] Lohfink HD, et al. **Z Arztl Fortbild (Jena)** 1984;78(17):721-3 **(Ger)**

[Clinical evaluation of the preparations Baycuten and Baycuten SD produced by Bayer] Polkowska M. **Przegl Dermatol** 1984 Sep-Oct;71(5):483-6 (Eng. Abstr.) **(Pol)**

[Effect of preventive administration of glucocorticoids in premature labor on neonatal mortality of premature infants] Lebedeva IB. **Akush Ginekol (Mosk)** 1984 Oct;(10):61-2 **(Rus)**

[Medical treatment of chronic subdural hematoma (letter)] Estruch Riba R, et al. **Med Clin (Barc)** 1985 Jan 12; 84(1):38-9 **(Spa)**

[Non-surgical treatment of a cerebral abscess (letter)] Moragrega R, et al. **Med Clin (Barc)** 1984 Oct 6;83(10):433 **(Spa)**

[Use of glucocorticoids in the treatment of Graves-Basedow disease (letter)] Obiols Alfonso G, et al. **Med Clin (Barc)** 1984 Dec 15;83(20):866 **(Spa)**

[Cerebral abscess treated with antibiotics and corticotherapy (letter)] Segura F, et al. **Med Clin (Barc)** 1984 Oct 27; 83(13):559-60 **(Spa)**

TOXICITY

Lens deviations in rabbit offspring after short-term prenatal exposure to dexamethasone: a light-microscopic study. Koksma JM, et al. **Exp Eye Res** 1984 Aug;39(2):195-206

[Permanent changes in the liver of rats after a single administration of cyclohexamide or dexamethasone in early postnatal ontogenesis] Benešová O, et al. **Cas Lek Cesk** 1985 Feb 8;124(6):182-4 (Eng. Abstr.) **(Cze)**

[Effect on the fetus of various drugs used during pregnancy (experimental study)] Kukushkina IP, et al.

Akush Ginekol (Mosk) 1984 Oct;(10):27-9 (Eng. Abstr.) (Rus)

URINE

Qualitative detection of corticosteroids in equine biological fluids and the comparison of relative dexamethasone metabolite/dexamethasone concentration in equine urine by micro-liquid chromatography-mass spectrometry. Skrabalak DS, et al. **J Chromatogr** 1984 Dec 19;315:359-72

DEXAMETHASONE ISONICOTINATE see under **DEXAMETHASONE**

DEXETIMIDE see under **PIPERIDINES**

DEXPROPRANOLOL see **PROPRANOLOL**

DEXTRAN-IRON COMPLEX see **IRON-DEXTRAN COMPLEX**

DEXTRANASE

ANALYSIS

Subcellular localization of D-glucanases in Bacteroides oralis Ig4a. Takahashi N, et al. **J Gen Microbiol** 1985 May;131 (Pt 5):1077-82

PHARMACODYNAMICS

Biodegradable microspheres. I. Duration of action of dextranase entrapped in polyacrylstarch microparticles in vivo. Artursson P, et al. **J Pharmacol Exp Ther** 1984 Dec; 231(3):705-12

Effect of dextranase and protease enzymes on aggregation of Streptococcus mutans: colorimetric and electron microscopic studies. Graves W, et al. **Microbios** 1984; 40(161-162):145-52

DEXTRANS

The prolongation of local anaesthetic action with dextran. The effect of molecular weight. Navaratnarajah M, et al. **Anaesthesia** 1985 Mar;40(3):259-62

Quantitative aspects of the E2 receptor assay for human breast tumour cytosol using dextran-coated charcoal. Wilson DW, et al. **Br J Cancer** 1984 Oct;50(4):493-9

Acute hypotension due to platelet serotonin-induced chemoreflexes after intravenous injection of dextran sulfate in the rabbit. Wiggins RC, et al. **Circ Res** 1985 Aug; 57(2):262-77

A simple method for collecting nasopharyngeal secretions, using cross-linked dextran. Prellner K, et al. **Clin Otolaryngol** 1985 Apr;10(2):85-7

Dextran-induced IgA nephropathy. Isaacs K, et al. **Contrib Nephrol** 1984;40:45-50

Permeability of superficial lymphatic capillaries in human skin to FITC-labelled dextrans 40 000 and 150 000. Huber M, et al. **Int J Microcirc Clin Exp** 1984;3(1):59-69

The molecular and crystal structure of dextrans: a combined electron and X-ray diffraction study. II. A low temperature, hydrated polymorph. Guizard C, et al. **J Mol Biol** 1985 Jun 5;183(3):397-408

Examination of the Sephadex G10 beads uptake method for determination of bile salt monomer concentration in taurocholate-lecithin solutions. Lee PH, et al. **J Pharm Sci** 1985 Aug;74(8):880-2

Pitfalls in the Dextran-coated charcoal assay of estrogen receptors in breast cancer tissue. Pettersson KS, et al. **J Steroid Biochem** 1985 Jan;22(1):39-45

[A new polynuclear iron (III)-mixed ligand complex--for use in parenteral iron therapy] Burger K, et al. **Acta Pharm Hung** 1985 Jan;55(1):37-45 (Eng. Abstr.) (Hun)

[Comparative studies of estrogen receptor determinations by enzyme immuno-assay using the monoclonal antibody, dextran-coated charcoal, and sucrose density gradient methods] Tominaga T, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1782-6 (Eng. Abstr.) (Jpn)

[Studies on the measurement of HDL2- and HDL3-cholesterol by a precipitation test using dextran sulfate and its clinical application] Takamatsu K, et al. **Rinsho Byori** 1984 Nov;32(11):1235-41 (Jpn)

[Structural and antigenic differences of pancreatic RNAse preparations modified by dextran ethers in an azo-combination reaction] Kurinenko BM, et al. **Biokhimiia** 1985 Apr;50(4):581-8 (Eng. Abstr.) (Rus)

[Radioprotective properties of the polysaccharide dextran sulfate] Zhukova NA, et al. **Farmakol Toksikol** 1984 Nov-Dec;47(6):90-3 (Eng. Abstr.) (Rus)

ADMINISTRATION & DOSAGE

Effects of adjuvants to local anaesthetics on their duration. II. Studies of some substituted dextrans and other macromolecules in rat infraorbital nerve block. Hassan HG, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):380-3

Effects of adjuvants to local anaesthetics on their duration. I. Studies of dextrans of widely varying molecular weight and adrenaline in rat infraorbital nerve block. Hassan HG, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):375-9

Hydroxyethyl starches, dextran and balanced salt solution in correction of hypotension during epidural anaesthesia. Koski E, et al. **Acta Anaesthesiol Scand** 1984 Dec; 28(6):595-9

Prophylaxis of deep-vein thrombosis after total hip replacement. Dextran and external pneumatic compression compared with 1.2 or 0.3 gram of aspirin daily. Harris WH, et al. **J Bone Joint Surg [Am]** 1985 Jan;67(1):57-62

[Topical application of mitomycin C conjugated with dextran (MMC-D): a high molecular weight derivative of mitomycin C] Honda K, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):530-5 (Eng. Abstr.) (Jpn)

[Radioprotective action of GHM-10 when administered with dextran sulfate and heparin] Zhukova NA, et al. **Radiobiologiia** 1985 May-Jun;25(3):414-6 (Eng. Abstr.) (Rus)

[The effect of substitution hemodilution on pulmonary hemodynamics and the internal environment] Brozman B, et al. **Bratisl Lek Listy** 1985 Mar;83(3):308-22 (Eng. Abstr.) (Slo)

ADVERSE EFFECTS

Acute renal failure induced by low molecular weight dextran [letter] Schwarz J, et al. **Aust NZ J Med** 1984 Oct; 14(5):688-9

Sitting position to reduce postoperative shoulder pain associated with intraperitoneal dextran. Fanning J, et al. **Fertil Steril** 1985 Jul;44(1):136-7

Noncardiogenic pulmonary edema secondary to intrauterine instillation of 32% dextran 70. Zbella EA, et al. **Fertil Steril** 1985 Mar;43(3):479-80

Dextran-induced inflammation and its effect on keratinized gingival epithelium in monkeys. Nasjleti CE, et al. **J Periodontol** 1984 Sep;55(9):531-5

Severe intraoperative anaphylactic reaction to dextran 70 administered intraperitoneally. Markman M, et al. **West J Med** 1984 Nov;141(5):684-5

[Blood sedimentation reaction in repeated dextran infusions in the therapy of cerebral infarct (letter)] Weitbrecht WU, et al. **Dtsch Med Wochenschr** 1985 Jun 14;110(24):977-8 (Ger)

[ECG changes in an adverse reaction to dextran] Thalhammer F. **Wien Med Wochenschr** 1984 Nov 15; 134(21):471-3 (Eng. Abstr.) (Ger)

[Anaphylaxis following administration of Rheomacrodex] Pocsay G, et al. **Orv Hetil** 1985 Jun 30;126(26):1587-9 (Eng. Abstr.) (Hun)

[Clinico-morphological characteristics of the sequelae of the parenteral administration of gemodes and polyglucin to children] Samokhin PA, et al. **Arkh Patol** 1984;46(10):64-71 (Eng. Abstr.) (Rus)

[Anaphylactoid reaction induced by dextran-40 (letter)] Beltrán JJ, et al. **Rev Esp Anestesiol Reanim** 1984 May-Jun; 31(3):129-30 (Spa)

[Dextran 1 (Promiten) in the prevention of allergic reactions to dextrans (letter)] Villar Landeira JM, et al. **Rev Esp Anestesiol Reanim** 1985 May-Jun;32(3):133 (Spa)

ANALYSIS

Gel permeation chromatography with interference refractometry for the rapid assay of polydisperse dextrans in biological fluids. Cullen MP, et al. **J Chromatogr** 1985 Jan 11;337(1):29-36

BLOOD

Plasma dextran levels after abdominal instillation of 32% dextran 70: evidence for prolonged intraperitoneal retention. Cleary RE, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):78-9

CHEMICAL SYNTHESIS

Anticoagulant activity of dextran derivatives. Part I: Synthesis and characterization. Mauzac M, et al. **Biomaterials** 1984 Sep;5(5):301-4

Improved fluorescent compounds for tracing cell lineage. Gimlich RL, et al. **Dev Biol** 1985 Jun;109(2):509-14

DIAGNOSTIC USE

Blood-brain barrier permeability to sucrose and dextran after osmotic opening. Ziylan YZ, et al. **Am J Physiol** 1984 Oct; 247(4 Pt 2):R634-8

Effects of polyethylene glycol and dextrans on immunoprecipitations: a two-cross immunodiffusion study. Pokrić B, et al. **Anal Biochem** 1985 May 1;146(2):374-88

Disappearance of dextran 70,000 from plasma of hamadryas baboons. Zurovsky Y, et al. **Comp Biochem Physiol [A]** 1985;80(3):373-5

Bilirubin binding capacity of newborn serum by Sephadex G-25 method. Sarpotdar VG. **Indian Pediatr** 1984 Apr; 21(4):281-5

Estrogen receptors in human breast cancer detected by the fluorescent estradiol histochemical and dextran coated charcoal techniques. Nishiki M, et al. **Jpn J Surg** 1984 Nov; 14(6):459-64

IMMUNOLOGY

Combinations of two synthetic adjuvants: synergistic effects of a surfactant and a polyanion on the humoral immune response. Hilgers LA, et al. **Cell Immunol** 1985 May; 92(2):203-9

Activation/suppression of the immune response in vitro by antigen and dextran sulfate. 2. The role of T-cell subsets determined by cell separation and partition analysis. Kettman J, et al. **Cell Immunol** 1984 Oct 1;88(1):129-36

Activation/suppression of the immune response in vitro by antigen and dextran sulfate. I. Analysis by limiting dilution methods. Kettman JR, et al. **Eur J Immunol** 1985 Jul; 15(7):708-12

Role of antigen and antibody in the regulation of the immune response. Möller G. **Folia Microbiol (Praha)** 1985; 30(3):203-11

Preparation of anti-polysaccharide antiserum using liposomes as immunological adjuvant. Sarkar AK, et al. **Immunol Lett** 1984;8(4):197-200

Assay of prekallikrein as plasminogen proactivator in plasma specimens from reactors to dextran or to contrast media. Briseid K, et al. **Int J Tissue React** 1984;6(6):529-36

Igh restriction of the anti-alpha (1-3) dextran response: polyclonal B cell activators induce the synthesis of anti-alpha (1-3) dextran antibodies in lymphocytes from Igha mice only. Juy D, et al. **J Immunol** 1985 Aug; 135(2):1239-44

An immunochemical study of the combining site specificities of C57BL/6J monoclonal antibodies to alpha (1-----6)-linked dextran B512. Newman BA, et al. **J Immunol** 1985 Aug;135(2):1220-31

Antibody response of BALB/c mice to dextran B1355S: alterations in the expression of an idiotype associated with the depletion of idiotype-binding cells. Schepart BS, et al. **J Immunol** 1985 Sep;135(3):1690-7

Ontogeny of B cell precursors responding to alpha 1- greater than 3 dextran in BALB/c mice. Stohrer R, et al. **J Immunol** 1984 Nov;133(5):2323-6

Immunogenicity of a synthetic glucosyl-alpha(1,3)-glucosyl protein conjugate. Tittle TV, et al. **J Immunol** 1985 Oct; 135(4):2582-8

Homologous monoclonal antibodies specific for alpha 1-3 dextran stimulate polyclonal proliferation of Lyb-5+ B cells. Victor-Kobrin C, et al. **J Immunol** 1985 Jun; 134(6):3686-92

Regulation of clones responding to dextran B1355S. III. The thymic-independent and thymic-dependent antibody responses. Ward RE, et al. **J Immunol** 1985 Mar; 134(3):1430-5

Studies on artificial oligosaccharide-protein antigens: induction of precipitating antibodies to defined epitopes on natural and synthetic dextrans and mannans. Richter AW, et al. **Mol Immunol** 1985 Jan;22(1):29-36

In vivo isotype regulation of humoral responses to dextran B1355 in BALB/c mice. Double-class IgG3/IgM producers as a function of age. Rivier DA, et al. **Scand J Immunol** 1985 Feb;21(2):173-81

METABOLISM

Lung microvascular permeability to dextran in alpha-naphthylthiourea-induced edema. Sites of filtration, patterns of accumulation, and effects of fixation. Michel RP. **Am J Pathol** 1985 Jun;119(3):474-84

Exchange of macromolecules between peritoneal cavity and plasma. Flessner MF, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):H15-25

Glomerular and postglomerular permselectivity to anionic dextrans in the dog. Whiteside C, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F965-74

Quantitation of uveoscleral outflow in normotensive and glaucomatous Beagles by 3H-labeled dextran. Barrie KP, et al. **Am J Vet Res** 1985 Jan;46(1):84-8

New derivatives of blue dextran binding and stabilizing human or mouse interferons. Piasecki E, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(2):231-8

Intestinal transmission of macromolecules (BSA and FITC-dextran) in the neonatal pig: enhancing effect of colostrum, proteins and proteinase inhibitors. Weström BR, et al. **Biol Neonate** 1985;47(6):359-66

Passage of ions and dextran molecules across the rete mirabile of the eel. The effects of charge. Rasio EA, et al. **Circ Res** 1985 Jul;57(1):74-83

Kinetics of macromolecules injected into the subretinal space. Marmor MF, et al. **Exp Eye Res** 1985 May;40(5):687-96

Localization of lectin receptors on bovine photoreceptor cells using dextran-gold markers. Hicks D, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):1002-13

Two-compartment model for plasma pharmacokinetics in individual blood vessels. Nugent LJ, et al. **J Pharmacokinet Biopharm** 1984 Aug;12(4):451-61

Permselectivity of the peritoneum to neutral dextrans. Hirszel P, et al. **Trans Am Soc Artif Intern Organs** 1984;30:625-9

PHARMACODYNAMICS

Effects of prenalterol and volume loading with dextran on haemodynamics and oxygen consumption in dogs during high epidural block with special reference to the splanchnic region. Greitz T, et al. **Acta Anaesthesiol Scand** 1985 Jan; 29(1):37-44

Increased protective effect of cystamine and mexamine against radiation after activation of the haemopoiesis by dextran sulphate in mice. Vacek A, et al. **Acta Radiol [Oncol]** 1985 Mar-Apr;24(2):193-8

Dextran and capillary filtration coefficient in cat hindlimb. Watson PD, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):H452-6

Cell-mediated and humoral immune response to Mycoplasma hyopneumoniae in pigs enhanced by dextran sulfate. Kishima M, et al. **Am J Vet Res** 1985 Feb;46(2):456-62

Inhibition of epinephrine absorption by dextran. Ueda W, et al. **Anesthesiology** 1985 Jan;62(1):72-5

Dextran sulfate-induced peritoneal lysophospholipase activity varies among mouse strains. Laubach HE. **Biochem Genet** 1985 Jun;23(5-6):357-62

Synthetic inhibitors of human leukocyte elastase: Part 1--Sulphated polysaccharides. Lentini A, et al. **Biochem Int** 1985 Feb;10(2):221-32

Anticoagulant activity of dextran derivatives. Part II: Mechanism of thrombin inactivation. Fischer AM, et al. **Biomaterials** 1985 May;6(3):198-202

Anticomplementary activity of dextran derivatives. Mauzac M, et al. **Biomaterials** 1985 Jan;6(1):61-3

A comparison of the effects of salbutamol, etilefrine and dextran during hypotension and low cardiac output states in rabbit. Adigun SA, et al. **Clin Exp Pharmacol Physiol** 1984 Nov-Dec;11(6):627-43

Effect of plasma colloid osmotic pressure on fluid filtration rate in isolated rabbit lungs. Sánchez de León R, et al. **Crit Care Med** 1985 Aug;13(8):668-71

Isotypes of antibodies induced by plain dextran or a dextran-protein conjugate. Seppälä I, et al. **Eur J Immunol** 1985 Aug;15(8):827-33

Lenticular energy metabolism during exogenous calcium deprivation and during recovery: effects of dextran-40. Glonek T, et al. **Exp Eye Res** 1985 Feb;40(2):169-78

Potential for in vitro growth of common bacteria in solutions of 32% dextran 70 and 1.0% sodium carboxymethylcellulose. Elkins TE, et al. **Fertil Steril** 1985 Mar;43(3):477-8

Influence of dextran polymer particles (Sephadex G-200) on the chemiluminescence response of murine peritoneal leukocytes. Gillert KE, et al. **Int Arch Allergy Appl Immunol** 1984;75(3):270-2

The polycation diethylaminoethyl dextran potentiates thermal cell killing. Modlinski M, et al. **Int J Radiat Biol** 1984 Nov;46(5):587-96

A note on the use of dextran in blood cultures monitored by conductance methods. Curtis GD, et al. **J Appl Bacteriol** 1985 Jun;58(6):571-5

Enhancement of Chlamydia trachomatis infectious progeny by cultivation of HeLa 229 cells treated with DEAE-dextran and cycloheximide. Sabet SF, et al. **J Clin Microbiol** 1984 Aug;20(2):217-22

Effect of hydroxyethyl starch and dextran on plasma volume and blood hemostasis and coagulation. Korttila K, et al. **J Clin Pharmacol** 1984 Jul;24(7):273-82

Dextran augments delayed-type hypersensitivity by interrupting one limb of the suppressor cascade. Battisto JR, et al. **J Immunol** 1985 Apr;134(4):2131-8

Macrophage activation by cross-linked dextran. Blanckmeister CA, et al. **J Leukocyte Biol** 1985 Feb;37(2):209-19

Release of receptor-bound estradiol by heparin or dextran sulfate in combination with tetracaine. Van Oosbree TR, et al. **J Recept Res** 1983-84;3(6):727-43

Polysaccharides with sulfate groups are human T cell mitogens and murine polyclonal B cell activators (PBAs) II. Cellulose sulfate and dextran sulfate with two different lower molecular weights. Sugawara I, et al. **Microbiol Immunol** 1984;28(7):831-9

The influence of copper-dextran complex (C-79), non-steroid anti-inflammatory drugs and bacterial pyrogen on stabilization of rabbit erythrocyte membrane. Debowy J, et al. **Pol J Pharmacol Pharm** 1985 Jan-Feb;37(1):33-40

Dextran sulphate selectively enhances interleukin-2-dependent cytotoxic T lymphocyte growth but not differentiation. Primi D, et al. **Scand J Immunol** 1984 Dec;20(6):533-42

Abolition by dextran sulfate of the heparin-accelerated antithrombin III/thrombin reaction. Oshima G, et al. **Thromb Res** 1984 Sep 15;35(6):601-11

The effect of insulin-dextran complexes on the protein synthesis in the primary monolayer culture of adult rat hepatocytes. Nakai T, et al. **Tohoku J Exp Med** 1984 Nov;144(3):245-56

Effect of dextran sulfate on the survival time and mitochondrial function of Adriamycin (doxorubicin)-treated mice. Shinozawa S, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):353-7

The potentiation of 'incomplete' mouse monoclonal anti-Lea agglutination with colloids. Inglis G, et al **Transfusion** 1985 Jul-Aug;25(4):355-9

[Dextran and its use in the control of sterility in transfusion preparations] Simková J. **Cesk Epidemiol Mikrobiol Imunol** 1985 May;34(3):176-80 (Eng. Abstr.) (Cze)

[Lymphocyte separation with dextran M 70] Mansfeld HW, et al. **Allerg Immunol (Leipz)** 1984;30(3):188-90 (Eng. Abstr.) (Ger)

[Effect of low molecular dextran on maternal microrheologic parameters, fetal heart rate and transcutaneous fetal oxygen partial pressure in labor] Kurz CS, et al. **Z Geburtshilfe Perinatol** 1985 Jan-Feb;189(1):25-33 (Eng. Abstr.) (Ger)

[The modification of postprandial blood insulin after acute administration of dextran chlorhydrate] Vita F, et al. **Clin Ter** 1985 May 31;113(4):267-73 (Eng. Abstr.) (Ita)

[An experimental study on prevention of radiation-induced lung damage. The effect of oral administration of dextran sulphate] Ohno M. **Fukuoka Igaku Zasshi** 1984 Oct;75(10):575-93 (Eng. Abstr.) (Jpn)

[The effect of new intraocular irrigating solution on the rabbit corneal endothelium] Tanishima T, et al. **Nippon Ganka Gakkai Zasshi** 1984 May;88(5):829-37 (Eng. Abstr.) (Jpn)

[Production of experimental ulcerative colitis in hamsters by dextran sulfate sodium and changes in intestinal microflora] Ohkusa T. **Nippon Shokakibyo Gakkai Zasshi** 1985 May;82(5):1327-36 (Eng. Abstr.) (Jpn)

[Effect of the combined use of dextran sulfate and double-stranded RNA on interferon production] Amitina NN, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):16-9 (Eng. Abstr.) (Rus)

[Inhibition of liver lysosomal cholesterol esterase activity in rats by dextran blue in vivo and in vitro] Dushkin MI, et al. **Biull Eksp Biol Med** 1985 May;99(5):573-5 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

Hypotensive anesthesia, thromboprophylaxis and postoperative thromboembolism in total hip arthroplasty. Fredin H, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):503-7

Postoperative haemostatic changes in patients given thromboembolic prophylaxis with dextran 70--alone, or in combination with dihydroergotamine. Lindblad B, et al. **Acta Chir Scand** 1984;150(7):525-9

Is intraperitoneal dextran 70 safe for routine gynecologic use? Magyar DM, et al. **Am J Obstet Gynecol** 1985 May 15;152(2):198-204

Effectiveness of normal saline solution, dextran 40 or dextran 75, and aprotinin (Trasylol) on renal blood flow preservation during acute canine pancreatitis. Wells AD, et al. **Am J Surg** 1984 Nov;148(5):624-9

The thromboprophylactic effect of graded elastic compression stockings in combination with dextran 70. Bergqvist D, et al. **Arch Surg** 1984 Nov;119(11):1329-31

Hemodynamic effects of 10% dextrose and of dextran 70 on hemorrhagic shock during exposure to hyperbaric air and hyperbaric hyperoxia. Gross DR, et al. **Aviat Space Environ Med** 1984 Dec;55(12):1118-28

Colloid solution therapy of experimental ischemic intestinal shock in rats. Dawidson I, et al. **Crit Care Med** 1985 Sep;13(9):709-14

Prophylaxis of deep-vein thrombosis after total hip replacement. Dextran and external pneumatic compression compared with 1.2 or 0.3 grams of aspirin daily [letter] Pierron RL. **J Bone Joint Surg [Am]** 1985 Jul;67(6):983

Dextran and adhesions in guinea-pigs. ten Kate-Booij MJ, et al. **J Reprod Fertil** 1985 Sep;75(1):183-8

Effect of intraperitoneal 32% dextran 70 on blood coagulation and serum electrolytes. Tulandi T, et al. **J Reprod Med** 1985 May;30(5):431-4

Dextran as a modulator of immune and coagulation activities in trauma patients. Miller CL, et al. **J Surg Res** 1985 Sep;39(3):183-91

The efficacy of dextran 40 in preventing early postoperative thrombosis following difficult lower extremity bypass. Rutherford RB, et al. **J Vasc Surg** 1984 Nov;1(6):765-73

The efficacy of dextran 40 in preventing early postoperative thrombosis following difficult lower extremity bypass [letter] Van den Brande PM, et al. **J Vasc Surg** 1985 Jul;2(4):643-4

Normovolaemic haemodilution using dextran 70 in thoracic surgery. Moyes DG, et al. **S Afr Med J** 1985 May 11;67(19):762-4

Dextran 70 versus donor plasma as colloid in open-heart surgery under extreme haemodilution. Reed RK, et al. **Scand J Clin Lab Invest** 1985 May;45(3):269-74

Inflammatory reaction and collagen accumulation in an experimental model of open wounds in the rat. A comparison between gauze and Debrisan treatment. Lundberg C. **Scand J Plast Reconstr Surg** 1985;19(1):11-6

Qualitative and quantitative bacteriological studies in infected surgical wounds treated with Debrisan or saline. Ransjö U, et al. **Scand J Plast Reconstr Surg** 1985;19(1):91-5

Early postoperative changes with different priming solutions in open-heart surgery. Lindberg H, et al. **Scand J Thorac Cardiovasc Surg** 1985;19(1):39-44

Prevention of fatal pulmonary embolism in patients with fractures of the neck of the femur. Gruber UF. **Surg Gynecol Obstet** 1985 Jul;161(1):37-42

A clinical study of long-term administration of dextran sulfate (MDS Kowa) in patients with retinopathy. Mimura G, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:389-402

[Hemorrhagic pancreatitis: effect of dextran 40 and plasma on microcirculation disorders of the pancreas] Becker H, et al. **Langenbecks Arch Chir** 1985;365(1):57-67 (Eng. Abstr.) (Ger)

[Dextranomer in the wound healing process] Qvick LI. **Schweiz Rundsch Med Prax** 1984 Jul 31;73(30-31):946-9 (Eng. Abstr.) (Ger)

[Clinical experience with the combination of dextran 40, dihydroergotoxine, lidocaine in intravenous perfusion in the prevention of postoperative ischemia of skin flaps] Riberti C, et al. **Minerva Chir** 1984 May 31;39(10):819-23 (Eng. Abstr.) (Ita)

[Studies on selective embolo-hyperthermic therapy of tumors by using ferromagnetic particles] Sako M, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Oct 20;19(9):2168-71 (Eng. Abstr.) (Jpn)

[Use of polyglucin to increase the effect of anesthesia during combined electroanesthesia] Maslakov DA, et al. **Anesteziol Reanimatol** 1984 Jul-Aug;(4):43-6 (Eng. Abstr.) (Rus)

[Effects of nonsubstituted and polyglucin-substituted 35% blood loss on the electrocardiogram of dogs] Namori B. **Fiziol Zh** 1985 Mar-Apr;31(2):148-53 (Eng. Abstr.) (Rus)

[Regulation of ophthalmic tonus in unsubstituted and substituted blood loss] Berete N, et al. **Oftalmol Zh** 1985;(3):167-70 (Eng. Abstr.) (Rus)

[Effect of rheopolyglucin on the hemodynamics and visual functions of the eye in patients with open-angle glaucoma] Sobko EG. **Oftalmol Zh** 1985;(3):153-6 (Eng. Abstr.) (Rus)

[Use of rheopolyglucin in the combined treatment of patients with open-angle glaucoma] Sobko EG. **Oftalmol Zh** 1984;(5):291-3 (Eng. Abstr.) (Rus)

[Hematopoiesis in the dog in experiments with acute blood loss replaced by a PFC emulsion combined with polyglucin] Fedorov NA, et al. **Patol Fiziol Eksp Ter** 1984 Sep-Oct;(5):3-7 (Eng. Abstr.) (Rus)

DEXTRINS see under **STARCH**

DEXTRO-AMINO ACID OXIDASE see **D-AMINO ACID OXIDASE**

DEXTROAMPHETAMINE

Tolerance pattern to amphetamine anorexia after selective lesions in the hypothalamic dopaminergic projection. Bhakthavatsalam P, et al. **Life Sci** 1985 Aug 19;37(7):635-43

ADMINISTRATION & DOSAGE

ACTH1-24 effects on d-amphetamine self-administration and the dynamics of brain dopamine in rats. Leccese AP, et al. **Peptides (Fayetteville)** 1984 Jul-Aug;5(4):659-64

Acute and chronic behavioral interactions between phencyclidine (PCP) and amphetamine: evidence for a dopaminergic role in some PCP-induced behaviors. Greenberg BD, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):99-105

ADVERSE EFFECTS

Effects of some motion sickness suppressants on static and dynamic tracking performance. Schroeder DJ, et al. **Aviat Space Environ Med** 1985 Apr;56(4):344-50

Attention deficit disorder, amphetamine, and pregnancy [letter] Shangraw RE, et al. **Biol Psychiatry** 1985 Aug;20(8):926-7

ANALOGS & DERIVATIVES

Cardiovascular effects of two potential beta-hydroxylase inhibitors. Venugopalan CS, et al. **J Pharm Sci** 1985 Jun;74(6):681-4

ANALYSIS

Liquid chromatographic chiral stationary phases in pharmaceutical analysis: determination of trace amounts of the (-)-enantiomer in (+)-amphetamine. Wainer IW, et al. **J Pharm Sci** 1984 Aug;73(8):1162-4

ANTAGONISTS & INHIBITORS

Antagonism of the amphetamine cue by both classical and atypical antipsychotic drugs. Nielsen EB, et al. **Eur J Pharmacol** 1985 May 8;111(2):167-76

Amphetamine anorexia and metoclopramide. Band AH, et al. **Indian J Physiol Pharmacol** 1984 Jan-Mar;28(1):79-81

DSIP reduces amphetamine-induced hyperthermia in mice. Graf MV, et al. **Physiol Behav** 1984 Aug;33(2):291-5

DIAGNOSTIC USE

Three tests of cortisol secretion in adult endogenous depressives. Sachar EJ, et al. **Acta Psychiatr Scand** 1985 Jan;71(1):1-8

Amphetamine response in borderline patients. Schulz SC, et al. **Psychiatry Res** 1985 Jun;15(2):97-108

METABOLISM

The transport of (+)-amphetamine by the neuronal noradrenaline carrier. Bönisch H. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Oct;327(4):267-72

Glucostatic regulation of (+)-[3H]amphetamine binding in the hypothalamus: correlation with Na+,K+-ATPase activity. Angel I, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6320-4

PHARMACODYNAMICS

Sensitization to the effects of repeated amphetamine administration on intracranial self-stimulation: evidence for changes in reward processes. Predy PA, et al. **Behav Brain Res** 1984 Sep;13(3):251-9

Amphetamine disrupts both working and reference memories of rats trained in a radial maze. Beatty WW, et al. **Behav Neural Biol** 1984 Nov;42(2):169-76

D-amphetamine and DL-alpha-N-methyltryptamine eliminate the irreversible inhibition of mitochondrial monoamine oxidase, caused by clorgyline. The specific action on the tyramine oxidation. Severina IS. **Biochem Int** 1984 Aug;9(2):219–28

The neuroendocrine and behavioral response to dextroamphetamine in normal individuals. Dommisse CS, et al. **Biol Psychiatry** 1984 Sep;19(9):1305–15

Striatal dopamine release stimulated by amphetamine or potassium: influence of ovarian hormones and the light-dark cycle. Becker JB, et al. **Brain Res** 1984 Oct 8; 311(1):157–60

Association of the mesencephalic locomotor region with locomotor activity induced by injections of amphetamine into the nucleus accumbens. Brudzyński SM, et al. **Brain Res** 1985 May 13;334(1):77–84

6-OHDA lesions of the ventral tegmental area block morphine-induced but not amphetamine-induced facilitation of self-stimulation. Hand TH, et al. **Brain Res** 1985 Mar 4;328(2):233–41

Nigral reticulata neurons: potentiation of responsiveness to amphetamine with long-term treatment. Kamata K, et al. **Brain Res** 1985 Apr 15;332(1):188–93

Nigral dopaminergic neurons: differential sensitivity to apomorphine following long-term treatment with low and high doses of amphetamine. Kamata K, et al. **Brain Res** 1984 Oct 29;321(1):147–50

Frequency-related, bidirectional limbic responses to cocaine: comparisons with amphetamine and lidocaine. Lesse H, et al. **Brain Res** 1985 May 27;335(1):21–31

Effects of D- and L-amphetamine on dopamine metabolism and ascorbic acid levels in nucleus accumbens and olfactory tubercle as studied by in vivo differential pulse voltammetry. Louilot A, et al. **Brain Res** 1985 Jun 17; 336(2):253–63

Electrophysiological evidence for A10 dopamine autoreceptor subsensitivity following chronic D-amphetamine treatment. White FJ, et al. **Brain Res** 1984 Sep 10;309(2):283–92

Systemic and nigral application of amphetamine both cause an increase in extracellular concentration of ascorbate in the caudate nucleus of the rat. Wilson RL, et al. **Brain Res** 1985 Jul 29;339(2):219–26

Effects of carbamazepine or imipramine alone or in association with amphetamine on the fighting time of REM sleep-deprived rats. Tannhauser SL, et al. **Braz J Med Biol Res** 1984;17(2):179–84

Biochemical and behavioral changes in rats during and after chronic d-amphetamine exposure. Vogel WH, et al. **Drug Alcohol Depend** 1985 Jun;15(3):245–53

An investigation of amphetamine-induced release of 5-HT from rat hippocampal slices. Balfour DJ, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):395–9

The effects of progabide (SL 76002) on locomotor activity and conditioned place preference induced by d-amphetamine. Di Scala G, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):271–4

Iontophoretic evidence for subsensitivity of postsynaptic dopamine receptors following long-term amphetamine administration. Kamata K, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):393–7

Changes in motor activity with age and the effects of pharmacologic treatment. Jänicke B, et al. **Exp Gerontol** 1984;19(5):321–8

The roles of stimulus control and reinforcement frequency in modulating the behavioral effects of d-amphetamine in the rat. Rees DC, et al. **J Exp Anal Behav** 1985 Mar; 43(2):243–55

Repeated treatment with imipramine or amitriptyline increases the locomotor response of rats to (+)-amphetamine given into the nucleus accumbens. Maj J, et al. **J Pharm Pharmacol** 1985 May;37(5):362–4

Cardiovascular effects of two potential beta-hydroxylase inhibitors. Venugopalan CS, et al. **J Pharm Sci** 1985 Jun; 74(6):681–4

Amphetamine attenuates the stimulated release of dopamine in vivo. Kuhr WG, et al. **J Pharmacol Exp Ther** 1985 Feb; 232(2):388–94

Caudate electrochemical response following amphetamine administration in pigtail monkeys. Cheney-Thamm J, et al. **Life Sci** 1984 Oct 1;35(14):1453–60

The discriminative stimulus properties of cocaine and d-amphetamine: a comparison of three routes of administration. de la Garza R, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:150-5

Amphetamine induced release of endogenous dopamine in vitro is not reduced following pretreatment with reserpine. Niddam R, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr; 329(2):123–7

Effects of triethyltin and its interaction with d-amphetamine and chlorpromazine on responding under a multiple schedule of food presentation in rats. Rastogi SK, et al. **Neurobehav Toxicol Teratol** 1985 May–Jun;7(3):239–42

Differential effects of neuroleptic and serotonergic drugs on amphetamine-induced hypothermia in mice. Boschi G, et al. **Neuropharmacology** 1985 Feb;24(2):117–22

Drug interactions on spontaneous locomotor activity in rats. Neuroleptics and amphetamine-induced hyperactivity. Schaefer GJ, et al. **Neuropharmacology** 1984 Aug; 23(8):909–14

Effects of chronic administration of D-amphetamine on PGO wave activity in the cat. Trulson ME, et al. **Neuropharmacology** 1984 Oct;23(10):1151–60

The effects of MIF-I, beta-endorphin and alpha-MSH on d-amphetamine induced paradoxical behavioral thermoregulation: possible involvement of the dopaminergic system. Yehuda S, et al. **Peptides (Fayetteville)** 1985 Mar–Apr;6(2):189–92

Differential effects of d-amphetamine and scopolamine on the ontogeny of rearing. Bauer RH. **Pharmacol Biochem Behav** 1984 Aug;21(2):321–3

Alteration of the neurochemical effects of fenfluramine by previous treatment with d-amphetamine. Hunsinger RN, et al. **Pharmacol Biochem Behav** 1985 Jan;22(1):127–34

Indomethacin potentiates the operant behavior suppressant and rectal temperature lowering effects of low doses of d-amphetamine in rats. Nielsen JA, et al. **Pharmacol Biochem Behav** 1984 Aug;21(2):219–24

A comparative study of the effects of prostaglandins and d-amphetamine on the metabolism of 3H-dopamine continuously presented to rat brain in vivo. Nielsen JA, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):583–9

d-Amphetamine antagonizes prostaglandin E1-induced hyperthermia and suppression of fixed interval operant behavior in rats. Nielsen JA, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):575–81

d-Amphetamine induced changes in social interaction patterns. Smith EO, et al. **Pharmacol Biochem Behav** 1985 Jan;22(1):135–9

The effect of d-amphetamine on short-term memory for time in pigeons. Spetch ML, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):663–6

Effect of d-amphetamine and diazepam on the greeting behavior of rhesus monkeys (Macaca mulatta). Thierry BH, et al. **Pharmacol Biochem Behav** 1984 Aug;21(2):191–5

Effect of dopaminergic agents on levels of dynorphin1–8 in rat striatum. Peterson MR, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4–6):725–8

The role of afferents from the parafascicular-centromedian complex in the excitatory striatal neuronal response to dexamphetamine in freely moving animals. Warenycia MW, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984;8(4–6):757–60

Bilateral ablation of the corticostriatal projection: behavioral, biochemical and electrophysiological correlates. Warenycia MW, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984;8(4–6):761–4

Cortisol response to dextroamphetamine stimulation in depressed outpatients. Stewart JW, et al. **Psychiatry Res** 1984 Jul;12(3):195–206

Homovanillic acid in rat caudate and prefrontal cortex following phencyclidine and amphetamine. Bowers MB Jr, et al. **Psychopharmacology (Berlin)** 1984;84(1):136–7

The discriminative stimulus and subjective effects of d-amphetamine in humans. Chait LD, et al. **Psychopharmacology (Berlin)** 1985;86(3):307–12

Effects of nicotine and d-amphetamine on intracranial self-stimulation in a shuttle box test in rats. Clarke PB, et al. **Psychopharmacology (Berlin)** 1984;84(1):109–14

A conveyor belt task for assessing visuo-motor coordination in the marmoset (Callithrix jacchus): effects of diazepam, chlorpromazine, pentobarbital and d-amphetamine. D'Mello GD, et al. **Psychopharmacology (Berlin)** 1985; 86(1–2):125–31

The effects of d-amphetamine, chlordiazepoxide and alpha-flupenthixol on food-reinforced tracking of a visual stimulus by rats. Evenden JL, et al. **Psychopharmacology (Berlin)** 1985;85(3):361–6

A parametric description of amphetamine's effect on response rate: changes in reinforcement efficacy and response topography. Heyman GM, et al. **Psychopharmacology (Berlin)** 1985;85(2):154–61

Effects of d-methamphetamine on auditory and visual reaction times and detection thresholds in the baboon. Hienz RD, et al. **Psychopharmacology (Berlin)** 1985; 85(4):476–82

Effects of d-amphetamine on spontaneous motor activity in pigeons. Idemudia SO, et al. **Psychopharmacology (Berlin)** 1984;84(3):315–7

Effects of d-amphetamine and morphine on delayed discrimination: signal detection analysis and assessment of response repetition in the performance deficits. Koek W, et al. **Psychopharmacology (Berlin)** 1984;83(4):346–50

Amphetamine-induced enhancement of ethanol consumption: role of central catecholamines. Levy AD, et al. **Psychopharmacology (Berlin)** 1985;86(1–2):233–6

Separate mechanisms for behavioral, cardiovascular, and hormonal responses to dextroamphetamine in man. Nurnberger JI Jr, et al. **Psychopharmacology (Berlin)** 1984; 84(2):200–4

Dopamine-sensitive alternation and collateral behaviour in a Y-maze: effects of d-amphetamine and haloperidol. Oades R, et al. **Psychopharmacology (Berlin)** 1985; 85(1):123–8

The discriminative stimulus properties and detection thresholds of intracranial self-stimulation: effects of d-amphetamine, morphine, and haloperidol. Schaefer GJ, et al. **Psychopharmacology (Berlin)** 1985;85(3):289–94

Restrained rats learn amphetamine-conditioned locomotion, but not place preference. Swerdlow NR, et al. **Psychopharmacology (Berlin)** 1984;84(2):163–6

Enhanced behavioural control by conditioned reinforcers following microinjections of d-amphetamine into the nucleus accumbens. Taylor JR, et al. **Psychopharmacology (Berlin)** 1984;84(3):405–12

Comparison between locomotor activity changes produced by phencyclidine and D-amphetamine in CD-1 male mice. Stavchansky S, et al. **Res Commun Chem Pathol Pharmacol** 1985 May; 48(2):189–202

Effect of nutmeg on ethanol and d-amphetamine-produced alteration of locomotor activity in the mouse. Messiha FS, et al. **Vet Hum Toxicol** 1984;26 Suppl 2:17–20

[Comparison of the effects of cocaine and dexamphetamine on pancreatic secretion in the conscious rat] Vaille C, et al. **Ann Pharm Fr** 1984;42(3):219–26 (Eng. Abstr.) (Fre)

THERAPEUTIC USE

The effect of d-amphetamine and ephedrine on smoking attitude and behavior. Low RB, et al. **Addict Behav** 1984; 9(4):335–45

Stimulants, urinary catecholamines, and indoleamines in hyperactivity. A comparison of methylphenidate and dextroamphetamine. Zametkin AJ, et al. **Arch Gen Psychiatry** 1985 Mar;42(3):251–5

Sympathomimetic amines in the treatment of chronic urticaria: two case reports. Check JH, et al. **Cutis** 1984 Oct;34(4):388–90

Clinical behavioral pharmacology: methods for evaluating medications and contingency management. Burgio LD, et al. **J Appl Behav Anal** 1985 Spring;18(1):45–59

Objectively measured hyperactivity—II. Caffeine and amphetamine effects. Schechter MD, et al. **J Clin Pharmacol** 1985 May–Jun;25(4):276–80

Combined MAOI, TCA, and direct stimulant therapy of treatment-resistant depression. Feighner JP, et al. **J Clin Psychiatry** 1985 Jun;46(6):206–9

Use of dextroamphetamine in epilepsy. Appleby JG. **J SC Med Assoc** 1985 May;81(5):281–2

Prevention of stress-induced gastric ulcers by dopamine agonists in the rat. Hernandez DE, et al. **Life Sci** 1984 Dec 10;35(24):2453–8

Gilles de la Tourette's syndrome: effects of stimulant drugs. Erenberg G, et al. **Neurology** 1985 Sep;35(9):1346–8

DEXTROCARDIA see under **HEART DEFECTS, CONGENITAL**

DEXTROMETHORPHAN see under **LEVORPHANOL**

DEXTROMORAMIDE

ADMINISTRATION & DOSAGE

[Analgesic anesthesia in children less than 10 years old (combination of dextromoramide and a relaxant)] Bertrix L, et al. **Can Anesthesiol** 1984 Sep;32(5):379–82 (Fre)

DEXTROPROPOXYPHENE see **PROPOXYPHENE**

DEXTRORPHAN see under **MORPHINANS**

DEXTROSE see **GLUCOSE**

DEXTROSULFENIDOL see **THIAMPHENICOL**

DEXTROTHYROXINE

ANALYSIS

L-thyroxine contamination of pharmaceutical D-thyroxine: probable cause of therapeutic effect. Young WF Jr, et al. **Clin Pharmacol Ther** 1984 Dec;36(6):781–7

METABOLISM

Stereospecific determination and in vivo monodeiodination of thyroxine enantiomers in euthyroid man. Hay ID, et al. **Metabolism** 1985 Mar;34(3):266–71

PHARMACODYNAMICS

The effect of D- and L-thyroxine on sex hormone-binding globulin in rabbits. Yosha S, et al. **Endocrinology** 1984 Oct; 115(4):1446–50

DFP see **ISOFLUROPHATE**

DI GUGLIELMO'S DISEASE see **ERYTHROLEUKEMIA**

DIABETES, BRONZE see **HEMOCHROMATOSIS**

DIABETES INSIPIDUS

BLOOD

Plasma vasopressin in hereditary cranial diabetes insipidus. Os I, et al. **Acta Med Scand** 1985;217(4):429–34

Plasmatic arginine vasopressin levels in total and partial diabetes insipidus. Sanmarti A, et al. **J Endocrinol Invest** 1985 Apr;8(2):127–30

Absent factor VIII response to synthetic vasopressin analogue (DDAVP) in nephrogenic diabetes insipidus. Kobrinsky NL, et al. **Lancet** 1985 Jun 8;1(8441):1293–4

[A simple method for the diagnosis of water metabolism disorders in childhood] Kovács L, et al. **Orv Hetil** 1985 Feb 3;126(5):255–8 (Eng. Abstr.) (Hun)

CHEMICALLY INDUCED

Persistent nephrogenic diabetes insipidus, hyperparathyroidism, and hypothyroidism after lithium treatment. Cairns SR, et al. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):516–7

Pathogenesis of nephrogenic diabetes insipidus due to chronic administration of lithium in rats. Christensen S, et al. **J Clin Invest** 1985 Jun;75(6):1869–79

Water intoxication associated with nephrogenic diabetes insipidus secondary to lithium: case report. De Soto MF, et al. **J Clin Psychiatry** 1985 Sep;46(9):402–3

COMPLICATIONS

Nephrogenic diabetes insipidus and obstructive uropathy. Aaronson IA, et al. **Br J Urol** 1985 Feb;57(1):110–1

Case report of vasopressin-responsive diabetes insipidus associated with chronic myelogenous leukemia. Juan D, et al. **Cancer** 1985 Sep 15;56(6):1468–9

Marked hypotonic polyuria resulting from nephrogenic diabetes insipidus with partial sensitivity to vasopressin. Moses AM, et al. **J Clin Endocrinol Metab** 1984 Dec; 59(6):1044–9

Diabetes insipidus during pregnancy complicated by preeclampsia. A case report. Hadi HA, et al. **J Reprod Med** 1985 Mar;30(3):206–8

Diabetes insipidus with brain death [letter] Pallis C. **Neurology** 1985 Jul;35(7):1086–7

[Polyostotic eosinophilic granuloma with pituitary insufficiency] Wanner C, et al. **Schweiz Rundsch Med Prax** 1985 Jan 8;74(1–2):3–8 (Eng. Abstr.) (Ger)

[A case of retroperitoneal fibrosis following dihydroergotamine therapy, with special reference to partial diabetes insipidus and positive Ga scan] Oguma Y, et al. **Nippon Naika Gakkai Zasshi** 1984 Jun;73(6):864–70 (Jpn)

[A case of childhood leukemia associated with transient pancytopenia and diabetes insipidus during the clinical course] Sasaki H, et al. **Rinsho Ketsueki** 1984 Aug; 25(8):1320–5 (Eng. Abstr.) (Jpn)

CONGENITAL

Hydrochlorothiazide-amiloride in the treatment of congenital nephrogenic diabetes insipidus. Alon U, et al. **Am J Nephrol** 1985;5(1):9–13

DIAGNOSIS

Simple diagnosis of diabetes insipidus and antidiuretic hormone excess. Kovács L, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):228–34

DDAVP modified water-deprivation test in diagnosis of diabetes insipidus in a vasopressin-sensitive patient. Warner BA, et al. **J Am Osteopath Assoc** 1984 Aug;83(12):857–8

Compulsive polydipsia presenting as diabetes insipidus: a behavioral approach. Klonoff EA, et al. **J Behav Ther Exp Psychiatry** 1984 Dec;15(4):353–8

[Diabetes insipidus and histiocytosis X in adulthood] Steinmeier R, et al. **Nervenarzt** 1985 Feb;56(2):98–100 (Ger)

DRUG THERAPY

Extensive subcutaneous calcification following injections of pitressin tannate. Adam A, et al. **Br J Radiol** 1984 Oct; 57(682):921–2

Peroral treatment of diabetes insipidus with a polypeptide hormone analog, desmopressin. Hammer M, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):754–60

Amiloride in the treatment of lithium-induced diabetes insipidus [letter] **N Engl J Med** 1985 Jun 13;312(24):1575–7

1-Desamino 8-D arginine-vasopressin in the diagnosis and treatment of central diabetes insipidus in a patient after cadaveric renal transplantation. Zeller WP, et al. **Transplant Proc** 1985 Aug;17(4):2007–8

[Possibilities of new therapeutic approaches in renal diabetes insipidus] Liška J, et al. **Cesk Pediatr** 1985 Jul;40(7):403–6 (Eng. Abstr.) (Cze)

[Wolfram's syndrome (letter)] Czernichow P. **Arch Fr Pediatr** 1984 Jun–Jul;41(6):441–2 (Fre)

[Regression of a massive hydronephrosis in familial central diabetes insipidus treated with Adiuretin] Kruse K. **Monatsschr Kinderheilkd** 1984 Aug;132(8):612–4 (Eng. Abstr.) (Ger)

[Pseudoresistance to DDAVP in diabetes insipidus] Radó J, et al. **Orv Hetil** 1985 Aug 18;126(33):2043–6 (Eng. Abstr.) (Hun)

[Combination of thiazide diuretics and prostaglandins inhibitors in the treatment of nephrogenic diabetes insipidus] Pichetti D, et al. **Clin Ter** 1985 May 31; 113(4):281–7 (Eng. Abstr.) (Ita)

[Comparative study of 1-deamino-8-D-arginine vasopressin, hydrochlorothiazide and chlorpropamide in the treatment of central diabetes insipidus] Loredo-Abdalá A, et al. **Bol Med Hosp Infant Mex** 1985 May;42(5):314–8 (Eng. Abstr.) (Spa)

ETIOLOGY

Diabetes insipidus caused by extramedullary hematopoiesis. Badon SJ, et al. **Am J Clin Pathol** 1985 Apr;83(4):509–12

Diabetes insipidus from metastatic oat cell carcinoma: recovery after brain irradiation. Noseda A, et al. **Am J Med Sci** 1985 Jan;289(1):27–30

Transient diabetes insipidus following 'benign' febrile illness revisited [letter] Reasner CA 2d, et al. **Arch Intern Med** 1985 Feb;145(2):367

Unusual delayed onset of diabetes insipidus following closed head trauma. Case report. Hadani M, et al. **J Neurosurg** 1985 Sep;63(3):456–8

Diabetes insipidus after carbon monoxide poisoning and smoke inhalation. Halebian P, et al. **J Trauma** 1985 Jul; 25(7):662–3

Chronic myelogenous leukemia presenting clinically as diabetes insipidus. Ungaro PC, et al. **NC Med J** 1984 Oct; 45(10):640–1

Diabetes insipidus in the preleukaemic phase of acute non-lymphocytic leukaemia. A monosomy 7-associated condition? [letter] Montecucco C, et al. **Scand J Haematol** 1984 Sep;33(3):326–7

[Twin pregnancy with acute hepatic steatosis followed by antehypophyseal insufficiency and diabetes insipidus] Piech JJ, et al. **Presse Med** 1985 Jun 29;14(26):1421–3 (Eng. Abstr.) (Fre)

[Nephrogenic diabetes insipidus accompanied by bilateral hydronephrosis. Report of a case] Akihama T, et al. **Nippon Naika Gakkai Zasshi** 1984 Jun;73(6):871–5 (Jpn)

[Diabetes insipidus as a preliminary sign of brain tumor] Niżnikiewicz J. **Neurol Neurochir Pol** 1984 Jul–Aug; 18(4):365–8 (Eng. Abstr.) (Pol)

[Cerebral nanism associated with diabetes insipidus and hyperprolactinemia in a patient with a history of neuroinfection] Kozlov GI, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):40–1 (Rus)

[Transient diabetes insipidus. Exceptional complication of meningococcic meningitis (letter)] Bofill D, et al. **Med Clin (Barc)** 1984 Oct 27;83(13):560–1 (Spa)

[Neurogenic diabetes insipidus] Martínez Vea A. **Med Clin (Barc)** 1985 Feb 2;84(4):157–62 (43 ref.) (Spa)

[Non-Hodgkin's lymphoma associated with hypercalcemia, multiple osteolytic lesions and diabetes insipidus] Pereira J, et al. **Rev Med Chil** 1984 Jul;112(7):689–92 (Eng. Abstr.) (Spa)

FAMILIAL & GENETIC

Linkage of diabetes insipidus and agouti genes in the rat. Stolc V. **Biochem Genet** 1984 Oct;22(9–10):893–9

Familial diabetes insipidus [letter] McKendry JB. **Can Med Assoc J** 1985 Mar 1;132(5):510, 512

Hereditary central diabetes insipidus: plasma levels of antidiuretic hormone in a family with a possible osmoreceptor defect. Toth EL, et al. **Can Med Assoc J** 1984 Nov 15;131(10):1237–41

The mutant vasopressin gene from diabetes insipidus (Brattleboro) rats is transcribed but the message is not efficiently translated. Schmale H, et al. **EMBO J** 1984 Dec 20;3(13):3289–93

Comparison of the development of experimental pyelonephritis in homozygous brattleboro diabetes insipidus rats, heterozygous control rats and normal Wistar rats. Güngör M, et al. **Infection** 1985 Mar–Apr;13(2):82–4

Embryonic hypothalamic tissue transplanted to the IVth ventricle of newborn Brattleboro rats. Harvey AR, et al. **Neurosci Lett** 1984 Dec 21;52(3):269–74

Stimulation of tubular reabsorption of magnesium and calcium by antidiuretic hormone in conscious rats. Study in Brattleboro rats with hereditary hypothalamic diabetes insipidus. Bouby N, et al. **Pflugers Arch** 1984 Dec; 402(4):458–64

[Familial nephrogenic diabetes insipidus and mental retardation] Linnanvuo-Laitinen M, et al. **Duodecim** 1985; 101(8):778–82 (Eng. Abstr.) (Fin)

[Independence of retinopathy and optic atrophy in the DIDMOAD syndrome] Hennekes R, et al. **Klin Monatsbl Augenheilkd** 1984 Aug;185(2):100–4 (Eng. Abstr.) (Ger)

[Diabetes insipidus renalis] Némethová V, et al. **Cesk Pediatr** 1984 Sep;39(9):525–7 (Eng. Abstr.) (Slo)

[Neurogenic diabetes insipidus and DIDMOAD (letter)] García-Luna PP, et al. **Med Clin (Barc)** 1985 Jun 29; 85(5):208 (Spa)

[Familial diabetes insipidus, ureterohydronephrosis and terminal renal insufficiency] Pérez Mijares R, et al. **Rev Clin Esp** 1985 Jan;176(1):35–8 (Eng. Abstr.) (Spa)

METABOLISM

Exogenous vasopressin reverses hyperactivity in the hypothalamus of Brattleboro rats. Krukoff TL, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R932–5

Effects of water deprivation and deamino [8-D-arginine] vasopressin on [14C]2-deoxyglucose uptake by the hypothalamo-hypophysial system in mice with hereditary nephrogenic diabetes insipidus. Sutherland RC, et al. **Brain Res** 1985 Aug 12;340(2):297–303

Response to ADH in nephrogenic diabetes insipidus type 2 [letter] Yasuda T, et al. **J Pediatr** 1984 Nov;105(5):850–1

Peripheral benzodiazepine binding sites in kidney: modifications by diabetes insipidus. Del Zompo M, et al. **Life Sci** 1984 Nov 19;35(21):2095–103

[Changes in water metabolism in rats under the influence of naloxone: role of vasopressin] Auriac A, et al. **Biomed Pharmacother** 1985;39(2):94–8 (Eng. Abstr.) (Fre)

[Diabetes insipidus and neurotransmitters] Tamura Y, et al. **Nippon Rinsho** 1984 Apr;42(4):862–8 (Jpn)

PATHOLOGY

The neuroanatomical and neurovascular organization of normal fetal hypothalamic explants in the third cerebral ventricle of Brattleboro rats with homozygous diabetes insipidus. Scott DE, et al. **Peptides (Fayetteville)** 1984;5 Suppl 1:169–83

Ultrastructural markers of tubular transport in experimental diabetes insipidus. Cieciura L, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:732–7

[Diabetes insipidus in sarcoidosis of the lungs] Volkova KI. **Probl Endokrinol (Mosk)** 1985 Mar–Apr;31(2):6–9 (Eng. Abstr.) (Rus)

[Generalized lesions of the exocrine glands and interstitial nephritis with renal tubular acidosis and renal diabetes insipidus in chronic active hepatitis of viral etiology (clinico-morphological study)] Aprosina ZG, et al. **Ter Arkh** 1984;56(12):78–83 (Rus)

PHYSIOPATHOLOGY

Chlorpromazine increases the lowered response to antidiuretic hormone in rats with lithium-induced diabetes insipidus. Kristensen AR, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Jan;56(1):63–8

Diabetes insipidus in children. III. Anterior pituitary dysfunction in idiopathic types. Czernichow P, et al. **J Pediatr** 1985 Jan;106(1):41–4

[Hemodynamics in diabetes insipidus secondary to severe head injury] Yamashita M, et al. **Neurol Med Chir (Tokyo)** 1984 Sep;24(9):701–5 (Eng. Abstr.) (Jpn)

URINE

Urinary adenosine 3',5'-monophosphate (cAMP) response to antidiuretic hormone in diabetes insipidus (DI): comparison between congenital nephrogenic DI type 1 and 2, and vasopressin sensitive D.I. Ohzeki T. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):485–90

Antidiuretic and PGE2 responses to AVP and dDAVP in subjects with central and nephrogenic diabetes insipidus. Moses AM, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F354–9

Effect of sodium loading on the urinary excretion of prostaglandins E2 and F2 alpha in rats with hereditary diabetes insipidus (Brattleboro rats). Rathaus M, et al. **Clin Sci** 1985 Jan;68(1):93–6

VETERINARY

Pituitary tumour causing multiple endocrinopathies in a dog. Barr SC. **Aust Vet J** 1985 Apr;62(4):127–9

DIABETES MELLITUS

see related

PREDIABETIC STATE

Diabetes mellitus: relationships of nonhuman primates and other animal models to human forms of diabetes. Howard CF Jr. **Adv Vet Sci Comp Med** 1984;28:115–49 (327 ref.)

Diabetes and diabetology in Singapore [editorial] Cheah JS. **Ann Acad Med Singapore** 1985 Apr;14(2):189–90

The role of the Diabetic Society of Singapore in promoting diabetes self care and education. Tan BY. **Ann Acad Med Singapore** 1985 Apr;14(2):307–9

Diabetes, driving, and the general practitioner. Fisher BM, et al. **Br Med J [Clin Res]** 1985 Jul 20;291(6489):181–2

Asian patients attending a diabetic clinic. Odugbesan O, et al. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1051–2

American Diabetes Association. 45th annual meeting, June 16–18, 1985, Baltimore, Maryland. Abstracts. **Diabetes** 1985 May;34 Suppl 1:1A–234

The use of a county hospital emergency room by diabetic patients. Murphy CC, et al. **Diabetes Care** 1985 Jan–Feb; 8(1):48–51

Use of health services by diabetic persons. II. Hospital admissions. Scott RS, et al. **Diabetes Care** 1985 Jan–Feb; 8(1):43–7

European Association for the Study of Diabetes: 1965–1984. Jackson JG. **Diabetologia** 1985 Apr;28(4):185–94

Abstracts presented at the American College of Nutrition 26th annual meeting and the Fourth International Symposium on Magnesium. Blacksburg, Virginia, July 21–28, 1985. **J Am Coll Nutr** 1985;4(3):303–405

Breast-feeding and insulin-dependent diabetes mellitus [letter] Nigro G, et al. **Lancet** 1985 Feb 23;1(8426):467

Clinical correlates of small area variations in population-based admission rates for diabetes. Connell FA, et al. **Med Care** 1984 Oct;22(10):939–49

Driving and diabetes. Smith RB. **NZ Med J** 1985 Jun 26; 98(781):492–4

Histomorphometry of the human placenta in Class C diabetes mellitus. Teasdale F. **Placenta** 1985 Jan–Feb;6(1):69–81

Management of the diabetic surgical patient. A systematic but flexible plan is the key. Reynolds C. **Postgrad Med** 1985 Jan;77(1):265–9, 272–6, 279

Outcomes of a diabetes education program. Paulozzi LJ, et al. **Public Health Rep** 1984 Nov–Dec;99(6):575–9

The disease-specific benefits and risks of physical activity and exercise. Siscovick DS, et al. **Public Health Rep** 1985

Mar-Apr;100(2):180-8

Diabetes in tropics—perspectives of research. Ahuja MM. **Tohoku J Exp Med** 1983 Dec;141 Suppl:65-72

The clinical basis for contemporary classification and management of the diabetes syndrome. Skillman TG. **Trans Assoc Life Insur Med Dir Am** 1984;66:44-56 (20 ref.)

Diabetes today. Clarke WL, et al. **Va Med** 1984 Nov;111(11):686-96 (72 ref.)

[Driving licence problems in diabetics. Rules, occurrence of accidents and legislation] Arnold DR. **Ugeskr Laeger** 1985 Jun 10;147(24):1951-5 (Eng. Abstr.) (Dan)

[French Language Association for the Study of Diabetes and Metabolic Diseases. Rennes, 19-20 April 1985. Spring meeting. Abstracts] **Diabete Metab** 1985 Jun;11(3):194-202 (Fre)

[Diabetes. A review of some current aspects] Boukhris R. **Tunis Med** 1982 Jul-Aug;60(4):2-31 (Fre)

[3d International Symposim on Diabetes. Montecatini Terme, 21-23 October 1983] **Minerva Endocrinol** 1984 Apr-Jun;9(2):p6-319 (Ita)

[Study of medicine based on the conceptual structure of science— using the example of diabetology] Olesińska-Serafin A, et al. **Pol Tyg Lek** 1984 Aug 20;39(34):1153-7 (Pol)

[Diabetes education. Its therapeutic importance] Waitman JN, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1984;42(1):47-8, 51-2 (Eng. Abstr.) (Spa)

BLOOD

Plasma and red cell sorbitol assay in diabetic subjects. Poli T, et al. **Acta Diabetol Lat** 1985 Jan-Mar;22(1):17-23

Acute hemolytic anemia caused by severe hypophosphatemia in diabetic ketoacidosis. Shilo S, et al. **Acta Haematol (Basel)** 1985;73(1):55-7

Hypercholesterolemic and diabetic serum decrease LDL-degradation by cathepsin D from human arterial smooth muscle cells and fibroblasts. Koschinsky T, et al. **Agents Actions [Suppl]** 1984;16:107-14

Effects of fructose-1,6-diphosphate on the red cell deformability in diabetic patients. Marsilii A, et al. **Agressologie** 1984 Sep;25(8):919-21

The relationship between glycemic response, digestibility, and factors influencing the dietary habits of diabetics. Jenkins DJ, et al. **Am J Clin Nutr** 1984 Dec;40(6):1175-91

Pituitary apoplexy, the Houssay phenomenon, and accelerated proliferative retinopathy. Petersen P, et al. **Am J Med** 1985 Sep;79(3):385-8

Diabetes-induced alterations of glucose metabolism in rat cerebral microvessels. McCall AL, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):E462-7

Fast fraction haemoglobin (HbA1) in the assessment of diabetes control. Lim HS, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):203-8

Home blood glucose monitoring, glycaemic control and diabetic complications. Yeo PP, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):247-51

Plasma levels of vitamin C components in normal and diabetic subjects. Newill A, et al. **Ann Clin Biochem** 1984 Nov;21 (Pt 6):488-90

Glycosylated hemoglobin assays in the management and diagnosis of diabetes mellitus. Health and Public Policy Committee, American College of Physicians. **Ann Intern Med** 1984 Nov;101(5):710-3

Penicillamine, captopril, and hypoglycemia [letter] Elling P, et al. **Ann Intern Med** 1985 Oct;103(4):644-5

Captopril and insulin sensitivity [letter] Ferriere M, et al. **Ann Intern Med** 1985 Jan;102(1):134-5

Hypothalamic-pituitary-adrenocortical activity in patients with diabetes mellitus. Cameron OG, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1090-5

Abnormal results of dexamethasone suppression tests in nondepressed patients with diabetes mellitus. Hudson JI, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1086-9

Relation of blood glucose levels to the changes in plasma levels of various hydrolytic enzymes in diabetic patients. Aoyagi T, et al. **Biochem Int** 1985 May;10(5):821-7

Microrheologic investigation of erythrocyte deformability in diabetes mellitus. Williamson JR, et al. **Blood** 1985 Feb;65(2):283-8

Changes in circulating iodothyronines in diabetics with various degrees of metabolic control. Lattanzi V, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1355-61

Haemoglobin A1C concentrations in men and women with diabetes [letter] Hindle EJ, et al. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):1001

Haemoglobin A1c concentrations in men and women with diabetes [letter] Jones RB, et al. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1381

Haemoglobin A1c concentrations in men and women with diabetes. Stickland MH, et al. **Br Med J [Clin Res]** 1984 Sep 22;289(6447):733

Self-monitoring of the blood glucose level: potential sources of inaccuracy. Rasaiah B. **Can Med Assoc J** 1985 Jun 15;132(12):1357-61

Serum magnesium levels in diabetes mellitus. Canagaratna MC. **Ceylon Med J** 1984 Jun;29(2):109-11

Evidence for nonenzymic glycation of antithrombin III in diabetic patients [letter] Ducrocq R, et al. **Clin Chem** 1985 Feb;31(2):338-9

Measurement of plasma fructosamine evaluated for monitoring diabetes. Lim YS, et al. **Clin Chem** 1985 May;31(5):731-3

Measurement of glycosylated whole-blood protein for assessing glucose control in diabetes: collection and storage of capillary blood on filter paper. Little RR, et al. **Clin Chem** 1985 Feb;31(2):213-6

Plasma chromium and chromium excretion in diabetes [letter] Morris BW, et al. **Clin Chem** 1985 Feb;31(2):334-5

Somatomedin activity in diabetic patients [letter] Jialal I. **Clin Endocrinol (Oxf)** 1984 Sep;21(3):311-2

Haemoglobinopathies, malaria, and other interferences with HBA1 assessment. Eberentz-Lhomme C, et al. **Diabete Metab** 1984 Dec;10(5):304-10

Fibrinopeptide-A in diabetes mellitus. Relation to levels of blood glucose, fibrinogen disappearance, and hemodynamic changes. Jones RL. **Diabetes** 1985 Sep;34(9):836-43

National Diabetes Data Group: report of the expert committee on glucosylated hemoglobin. Baynes JW, et al. **Diabetes Care** 1984 Nov-Dec;7(6):602-6

Patients' accuracy in estimation overestimated [letter] Bradley C, et al. **Diabetes Care** 1985 May-Jun;8(3):308-9

Increased red cell volume in impaired glucose tolerance: a further evidence of hematologic sequelae of altered glucose metabolism [letter] Curcio F, et al. **Diabetes Care** 1985 Mar-Apr;8(2):196

More on SMBG techniques [letter] Peled N. **Diabetes Care** 1985 Mar-Apr;8(2):195

Evaluation of a new blood glucose monitoring system: importance of the appropriate reference method [letter] Peterson CM, et al. **Diabetes Care** 1984 Nov-Dec;7(6):610-1

A randomized, controlled comparison of instruction by a diabetes educator versus self-instruction in self-monitoring of blood glucose. Ward WK, et al. **Diabetes Care** 1985 May-Jun;8(3):284-6

Effect of a sorbitol-rich diet on plasma and erythrocyte sorbitol concentrations in normal and diabetic subjects. Malaisse-Lagae F, et al. **Diabetes Res** 1984 Nov;1(4):209-11

Haemoglobinopathies: a pitfall in the assessment of glycosylated haemoglobin by ion-exchange chromatography. Eberentz-Lhomme C, et al. **Diabetologia** 1984 Dec;27(6):596-8

Tropical pancreatic diabetes in South India: heterogeneity in clinical and biochemical profile. Mohan V, et al. **Diabetologia** 1985 Apr;28(4):229-32

Chylomicron apolipoprotein B catabolism [letter] Stalenhoef AF. **Diabetologia** 1984 Dec;27(6):609-10

Studies on subfractions of hemoglobin A1b and hemoglobin A1c in diabetic subjects. Imagawa S, et al. **Endocrinol Jpn** 1984 Dec;31(6):725-31

Hb Marseille [alpha 2 beta 2 N methionyl-2 (NA2) His----Pro]: a new beta chain variant having an extended N-terminus. Blouquit Y, et al. **FEBS Lett** 1984 Dec 10;178(2):315-8

Cytochemical indices of leukocytes in patients with diabetes mellitus. Kemona H, et al. **Folia Haematol (Leipz)** 1985;112(1):197-202

Investigations on platelet function in diabetes mellitus. Kubisz P, et al. **Haemostasis** 1984;14(4):347-53

The effect of acute hypercalcaemia on arginine induced growth hormone release in diabetic man. Kaplan PW, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:123-6

A study of serum glycoproteins in diabetes mellitus. Anand VK, et al. **J Assoc Physicians India** 1985 Apr;33(4):273-4

Evidence of glycosylation of platelet proteins in diabetics. Nair G, et al. **J Assoc Physicians India** 1985 Apr;33(4):299-300

Comparison of five commercial kits for the determination of glycosylated haemoglobin. Norcliffe D, et al. **J Clin Pathol** 1984 Oct;37(10):1177-81

Serum protein bound hexose in diabetes mellitus. Anand VK, et al. **J Indian Med Assoc** 1985 Jan;83(1):6-9

Unresponsiveness of plasma mineralocorticoids to angiotensin II in diabetic patients with asymptomatic normoreninemic hypoaldosteronism. Kigoshi T, et al. **J Lab Clin Med** 1985 Feb;105(2):195-200

Glycosylated hemoglobin by colorimetry in normal subjects, diabetics, and nondiabetics. Vichayanrat A, et al. **J Med Assoc Thai** 1984 Apr;67(4):216-23

Self-monitoring of blood glucose. Wilson DP, et al. **J Okla State Med Assoc** 1985 Jan;78(1):3-7

Reliability of intraoral blood for diabetes screening. Tsutsui P, et al. **J Oral Med** 1985 Apr-Jun;40(2):62-6

Serum protein bound sialic acid in diabetes mellitus. Anand VK, et al. **J Postgrad Med** 1984 Apr;30(2):75-9

Symptoms and blood glucose levels in diabetics [letter] Cox DJ, et al. **JAMA** 1985 Mar 15;253(11):1558

Direct radioimmunoassay for human renin substrate and its measurement in plasma from essential hypertensive patients, diabetic patients and pregnant women. Sato Y, et al. **Jpn Circ J** 1984 Nov;48(11):1236-42

Hemoglobin A1 and hemoglobin A1c in elderly diabetics. Oimomi M, et al. **Kobe J Med Sci** 1985 Apr;31(2):95-101

Blood glucose response to carbohydrate [letter] Mann JI. **Lancet** 1984 Oct 6;2(8406):811

Improved diabetic control and platelet reactivity [letter] Preston FE, et al. **Lancet** 1985 May 25;1(8439):1225-6

Pancreatic polypeptide in Pima Indians: the influence of obesity and diabetes. Gingerich RL, et al. **Metabolism** 1985 Jan;34(1):25-9

Inverse relationship of serum HDL and HDL2 cholesterol to C-peptide level in middle-aged insulin-treated diabetics. Laakso M, et al. **Metabolism** 1985 Aug;34(8):715-20

Pancreatic beta-cell function in cirrhotic patients with and without overt diabetes. C-peptide response to glucagon and to meal. Marchesini G, et al. **Metabolism** 1985 Aug;34(8):695-701

Platelets and diabetes mellitus [letter] **N Engl J Med** 1984 Dec 6;311(23):1518-20

Glycaemic effect of mono-, di- and polysaccharides in a mixed meal in diabetic patients. Erkelens DW, et al. **Neth J Med** 1985;28(4):157-63

Impaired glucose tolerance in Kiribati. Collins V, et al. **NZ Med J** 1984 Nov 28;97(768):809-12

Hyperprolactinaemia in male diabetics. Mooradian AD, et al. **Postgrad Med J** 1985 Jan;61(711):11-4

The contact phase of blood coagulation in diabetes mellitus and in patients with vasculopathy. Christe M, et al. **Thromb Haemost** 1984 Dec 29;52(3):221-3

Fifteen coagulation and fibrinolysis parameters in diabetes mellitus and in patients with vasculopathy. Christe M, et al. **Thromb Haemost** 1984 Oct 31;52(2):138-43

Platelet aggregation, beta-thromboglobulin and platelet factor 4 in diabetes mellitus and in patients with vasculopathy. Fritschi J, et al. **Thromb Haemost** 1984 Dec 29;52(3):236-9

The effect of diabetes regulation on platelet release, fibrinolysis and coagulation tests, before and after stimulation with DDAVP. v.d. Knaap JH, et al. **Thromb Haemost** 1985 Feb 18;53(1):118-21

Protein C antigen is not an acute phase reactant and is often high in ischemic heart disease and diabetes. Viganò S, et al. **Thromb Haemost** 1984 Dec 29;52(3):263-6

The importance of determining stable glycosylated hemoglobin in diabetics: confusions are caused by the nomenclature of glycohemoglobin as HbA1C or HbA1 in its evaluation. Hoshino T, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:85-90

Reliability of HbA1 assay in the mass survey for diabetes mellitus, with special reference to the preservation and transportation of blood samples. Nomura Y, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:77-84

Effect of prostaglandin synthetase inhibitors on platelet aggregation and thromboxane production in diabetes mellitus. Watanabe J, et al. **Tohoku J Exp Med** 1984 Oct;144(2):143-50

[Clinical significance of the radioimmunoassay of serum beta 2-microglobulin in diabetics] Lu JM. **Chung Hua I Hsueh Tsa Chih** 1985 Apr;65(4):232-4 (Chi)

[Serum lipid changes as a risk factor for coronary heart disease in diabetics—a preliminary study] Cheng H. **Chung Hua Nei Ko Tsa Chih** 1984 Jul;23(7):426-9, 462 (Eng. Abstr.) (Chi)

[Blood gas analysis of blood taken from the dorsum of foot in 40 cases of diabetes mellitus] Shen ZZ. **Chung Hua Nei Ko Tsa Chih** 1984 Aug;23(8):475-6, 524 (Eng. Abstr.) (Chi)

[Comparison of Visidex and dextrometer with glucose analyzer (Gilford system 203, hexokinase method) determination of blood glucose in diabetics] Sheen TY, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Dec;83(12):1208-14 (Eng. Abstr.) (Chi)

[Quality of diabetes regulation in patients attending a hospital outpatient clinic. A cross sectional study] Matzen LE, et al. **Ugeskr Laeger** 1984 Nov 26;146(48):3742-6 (Eng. Abstr.) (Dan)

[Diabetes control and late complications] Reitsma WD. **Ned Tijdschr Geneeskd** 1985 May 25;129(21):989-93 (Eng. Abstr.) (Dut)

[Assay of glycosylated hemoglobin by agar gel electrophoresis in an acid pH. Value of the determination of the stable fraction in clinical biology] North ML, et al. **Pathol Biol (Paris)** 1984 Sep;32(7):779-84 (Eng. Abstr.) (Fre)

[Relation between HDL cholesterol and fasting glycemia in a normal population and a diabetic group] Martin BC, et al. **Schweiz Med Wochenschr** 1984 Dec 8;114(49):1834-6 (Eng. Abstr.) (Fre)

[The formation of ethanol in fresh blood samples of diabetics] Eckes K, et al. **Blutalkohol** 1984 Jul;21(4):302-7 (Eng. Abstr.) (Ger)

[Is the determination of Hb-A1 effective in the management of diabetes?] Laube H. **Dtsch Med Wochenschr** 1985 May 24;110(21):823-5 (Ger)

[Different levels of lipoprotein Lp(a) in adult diabetic patients depending on the therapeutic regimen] Mertz DP, et al. **Klin Wochenschr** 1985 Jul 15;63(14):648-50 (Eng. Abstr.) (Ger)

[Determination of glycosylated albumin in controls and in diabetics by affinity chromatography with phenylboronic acid] Signorini AM, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1347-53 (Eng. Abstr.) (Ita)

[Algorithm for the recognition of the disease state] Yamada A. **Iyodenshi To Seitai Kogaku** 1984 Dec;22(7):536-41 (Jpn)

[Circulating free T3 in pregnancy, liver diseases, diabetes mellitus and thyroid diseases] Ohyama T, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Oct 20;60(10):1227-34 (Eng. Abstr.) (Jpn)

[The influence of dietary sardine oil (eicosapentaenoic acid) on the erythrocyte membrane fluidity in diabetic patients] Otsuji S, et al. **Rinsho Byori** 1984 Jul;32(7):764-71 (Jpn)

[Beta-glucuronidase in lymphocytes of patients with diabetes mellitus complicated by infections] Moszczyński P, et al. **Folia Med Cracov** 1984;25(1-2):119-25 (Eng. Abstr.) (Pol)

[Erythrocyte fatty acids of patients with diabetes mellitus and diabetic microangiopathies] Naumenko VG, et al. **Klin Med (Mosk)** 1985 Mar;63(3):91–6 (Eng. Abstr.) (Rus)

[Glycosylated hemoglobin as an index of the duration of hyperglycemia in diabetes mellitus patients] Rácz R, et al. **Patol Fiziol Eksp Ter** 1984 Jul–Aug;(4):78–80 (Rus)

[Lipid peroxidation in erythrocytes of patients with diabetes mellitus and diabetic angiopathies] Efimov AS, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):6–9 (Eng. Abstr.) (Rus)

[Blood coagulation and thrombocyte aggregation in patients with diabetes mellitus after administration of insulin] Riabova EG, et al. **Sov Med** 1985;(2):18–22 (Eng. Abstr.) (Rus)

[Interrelation of diabetes mellitus, atherosclerosis and ischemic heart disease] Bodnar PN, et al. **Ter Arkh** 1984; 56(10):88–92 (Eng. Abstr.) (Rus)

[Interrelation of alpha-cholesterol and triglycerides in the blood of diabetic patients with and without ischemic heart disease] Slavina LS, et al. **Ter Arkh** 1984;56(10):98–101 (Eng. Abstr.) (Rus)

[Erythrocyte deformability and thiol compounds in diabetes mellitus patients] Bodnar PN, et al. **Vrach Delo** 1984 Oct; (10):87–9 (Eng. Abstr.) (Rus)

[Factor VIII R-Ag and factor VIII Co in diabetes mellitus: correlation between hormonal pattern and type of retinopathy] Calle Pascual AL, et al. **Med Clin (Barc)** 1984 Jun 2;83(1):4–8 (Eng. Abstr.) (Spa)

[2,3 diphosphoglycerate and diabetes mellitus in various metabolic situations] Vázquez C, et al. **Rev Clin Esp** 1985 Feb;176(2):63–7 (Eng. Abstr.) (Spa)

CHEMICALLY INDUCED

Do antihypertensive drugs precipitate diabetes? Bengtsson C, et al. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1495–7

Nonmammalian growth hormones have diabetogenic and insulin-like activities. Cameron CM, et al. **Endocrinology** 1985 Apr;116(4):1501–5

Action of 5-thio-D-glucose on D-glucose metabolism: possible mechanism for diabetogenic effect. Kelley MJ, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):760–3

Pentamidine-induced diabetes mellitus [letter] Naafs B. **Trans R Soc Trop Med Hyg** 1985;79(1):141

CLASSIFICATION

Limitations and problems of diabetes classification from an epidemiological point of view. Keen H. **Adv Exp Med Biol** 1985;189:31–46

Empirical determination of diabetes clinical type [letter] Melton LJ 3d, et al. **Diabetes Care** 1985 Mar–Apr; 8(2):205–6

Validity of WHO criteria for classification of newly diagnosed diabetics. Michaelis D, et al. **Exp Clin Endocrinol** 1985 Feb;85(1):61–9

Classification and diagnostic criteria for diabetes mellitus. Harris M. **Tohoku J Exp Med** 1983 Dec;141 Suppl:21–8

Studies on the classification of diabetes mellitus diagnosed before the age of 30 in Japan. Hirata Y, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:119–23

[Classification of diabetes mellitus] Khavin IB. **Probl Endokrinol (Mosk)** 1985 Mar–Apr;31(2):37–40 (Rus)

COMPLICATIONS

Light perception in diabetic vitreous haemorrhage and its prognostic value in pars plana vitrectomy. Vatne HO, et al. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):65–7

Size of acute myocardial infarcts in patients with diabetes mellitus. Rennert G, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1629–30

Prognosis of patients with diabetes mellitus after acute myocardial infarction. Smith JW, et al. **Am J Cardiol** 1984 Oct 1;54(7):718–21

Gas gangrene, diabetes, and cholecystitis. Mayer G, et al. **Am J Emerg Med** 1985 Jan;3(1):42–5

Mortality from coronary heart disease in the Tecumseh study. Long-term effect of diabetes mellitus, glucose tolerance and other risk factors. Butler WJ, et al. **Am J Epidemiol** 1985 Apr;121(4):541–7

Blood pressure and hypertension in diabetes. Klein R, et al. **Am J Epidemiol** 1985 Jul;122(1):75–89

Interaction between cigarette smoking and diabetes mellitus in the prediction of death attributed to cardiovascular disease. Suarez L, et al. **Am J Epidemiol** 1984 Nov; 120(5):670–5

Patterns of foot examination in a diabetes clinic. Bailey TS, et al. **Am J Med** 1985 Mar;78(3):371–4

Graded sucrose/carbohydrate diets in overtly hypertriglyceridemic diabetic patients. Jellish WS, et al. **Am J Med** 1984 Dec;77(6):1015–22

Value of glucose control in preventing complications of diabetes. Kilo C. **Am J Med** 1985 Aug 23;79(2B):33–7 (30 ref.)

Diabetic proteinuria. Glomerular or tubular in origin? Abrass CK. **Am J Nephrol** 1984;4(6):337–46 (72 ref.)

Sea-fan neovascularization in diabetes with thalassemia [letter] Perkins TW, et al. **Am J Ophthalmol** 1984 Dec 15; 98(6):800–1

Effects of progressive hyperglycemia on ovarian structure and function in the spontaneously diabetic Chinese hamster. Garris DR. **Anat Rec** 1984 Nov;210(3):485–9

Infections in diabetes with special reference to diabetics in Singapore. Cheah JS, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):240–6 (60 ref.)

Pyogenic hepatic abscess and diabetes mellitus—a probable association. Chew SK, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):261–5

Orthopaedic management of diabetic foot lesions. Lee EH, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):331–3

Hypoglycaemia in diabetes mellitus. Thai AC, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):354–9

Diabetic diarrhea and lidamidine [letter] Goff JS. **Ann Intern Med** 1984 Dec;101(6):874–5

Lupus nephritis and other autoimmune features in patients with diabetes mellitus due to autoantibody to insulin receptors. Tsokos GC, et al. **Ann Intern Med** 1985 Feb; 102(2):176–81

Incidence of cataract extraction in Pima Indians. Diabetes as a risk factor. Schwab IR, et al. **Arch Ophthalmol** 1985 Feb;103(2):208–12

Carotid artery surgery in diabetic patients. Campbell DR, et al. **Arch Surg** 1984 Dec;119(12):1405–7

A litany of DVTs. Livingston A. **Aust Fam Physician** 1984 Nov;13(11):826

The diabetic hand—5 illustrative case reports. Akintewe TA, et al. **Br J Clin Pract** 1984 Oct;38(10):368–71

Vitiligo in diabetes mellitus. Gould IM, et al. **Br J Dermatol** 1985 Aug;113(2):153–5

Photocoagulation for peripheral neovascularisation in diabetes. Inglesby DV, et al. **Br J Ophthalmol** 1985 Mar; 69(3):157–61

Prevalence of migraine in patients with diabetes. Burn WK, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1579–80

Effect of intravenous infusion of insulin in diabetics with acute myocardial infarction. Clark RS, et al. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):303–5

Prevalence of migraine in patients with diabetes [letter] Dandona P, et al. **Br Med J [Clin Res]** 1985 Feb 9; 290(6466):467–8

Prevalence of diabetes in glaucoma. Mapstone R, et al. **Br Med J [Clin Res]** 1985 Jul 13;291(6488):93–5

Surgery for coronary artery disease in patients with diabetes mellitus. Devineni R, et al. **Can J Surg** 1985 Jul; 28(4):367–70

Colon carcinoma and diabetes mellitus. Williams JC, et al. **Cancer** 1984 Dec 15;54(12):3070–1

Percutaneous transluminal angioplasty in diabetic patients: an effective treatment modality. Ford K, et al. **Cardiovasc Intervent Radiol** 1984;7(5):204–8

Diabetes mellitus and primary glaucoma screening and treatment. Hu Z, et al. **Chin Med J [Engl]** 1984 Jun; 97(6):459–64

Diabetic and galactosaemic cataracts. Kador PF, et al. **Ciba Found Symp** 1984;106:110–31 (46 ref.)

Diabetes mellitus in Huntington disease. Farrer LA. **Clin Genet** 1985 Jan;27(1):62–7

Acute hemodynamic and humoral effects of metoclopramide on blood pressure control improvement in subjects with diabetic orthostatic hypotension. Bessa AM, et al. **Clin Pharmacol Ther** 1984 Dec;36(6):738–44

Preventing diabetic foot problems. Helfand AE. **Clin Podiatry** 1984 Aug;1(2):343–51

Polymyositis associated with several immunological disorders. Vilppula AH, et al. **Clin Rheumatol** 1984 Dec; 3(4):533–9

Bacteremia in diabetic patients: comparison of incidence and mortality with nondiabetic patients. Bryan CS, et al. **Diabetes Care** 1985 May–Jun;8(3):244–9

Methods for the control of diabetes after acute myocardial infarction. Husband DJ, et al. **Diabetes Care** 1985 May–Jun; 8(3):261–7

Hypertension and diabetes [letter] Meriden T. **Diabetes Care** 1985 Mar–Apr;8(2):196–7

Prevalence and mortality of acute myocardial infarction in patients with diabetes. Rytter L, et al. **Diabetes Care** 1985 May–Jun;8(3):230–4

Diabetic foot ulcers: protective primary care [editorial] Davidson MB. **Geriatrics** 1985 Jun;40(6):15, 18

Increased rate of glucose intolerance in endometrial cancer—a community-based study. Levran D, et al. **Gynecol Obstet Invest** 1984;18(4):190–3

Anorgasmy in diabetic women [letter] Khardori R. **Hosp Pract [Off]** 1985 Jan 15;20(1):17

The skin and diabetes mellitus. Sibbald RG, et al. **Int J Dermatol** 1984 Nov;23(9):567–84 (174 ref.)

Ocular manifestations of diabetes. **Int Ophthalmol Clin** 1984 Winter;24(4):1–167

Electrophysiological testing in diabetic eye disease. Biersdorf WR. **Int Ophthalmol Clin** 1984 Winter;24(4):143–54

The diabetic cornea. Friend J, et al. **Int Ophthalmol Clin** 1984 Winter;24(4):111–23

Anterior neovascularization. Pavan PR, et al. **Int Ophthalmol Clin** 1984 Winter;24(4):61–70

Extraocular muscle palsies in diabetes mellitus. Rush JA. **Int Ophthalmol Clin** 1984 Winter;24(4):155–9

Optic disc edema. Schwartz JS, et al. **Int Ophthalmol Clin** 1984 Winter;24(4):83–91

Etiology of cataracts in diabetics. Varma SD, et al. **Int Ophthalmol Clin** 1984 Winter;24(4):93–110

Increased frequency of diabetes mellitus in patients with bullous pemphigoid: a case-control study. Chuang TY, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1099–102

Studies on noncoronary cardiac complications of diabetes mellitus. Misra R, et al. **J Assoc Physicians India** 1984 Jul; 32(7):569–74

Thyroid disease in diabetes mellitus. Shah SN. **J Assoc Physicians India** 1984 Dec;32(12):1057–9

A comprehensive study of autonomic nervous system dysfunctions in diabetes mellitus. Tandon R, et al. **J Assoc Physicians India** 1985 Apr;33(4):265–8

Painless myocardial infarction in diabetes mellitus [letter] Tondon R, et al. **J Assoc Physicians India** 1984 Aug; 32(8):761

Hypertension in patients with diabetes mellitus: treatment with a centrally acting agent. Weber MA, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 5:S823–9

Hypertension, orthostatic hypotension and the microvascular complications of diabetes. Krolewski AS, et al. **J Chronic Dis** 1985;38(4):319–26

Diabetes mellitus and cancer risk: a multisite case-control study. O'Mara BA, et al. **J Chronic Dis** 1985;38(5):435–41

Managing a case of bipolar disorder, diabetes, and hypotension [letter] Lazarus A. **J Clin Psychopharmacol** 1985 Aug;5(4):248–9

Noninfectious osseous alterations in the diabetic foot. Tuccio AT, et al. **J Foot Surg** 1985 Mar–Apr;24(2):154–7

The relationship of the double crush to carpal tunnel syndrome (an analysis of 1,000 cases of carpal tunnel syndrome). Hurst LC, et al. **J Hand Surg [Br]** 1985 Jun; 10(2):202–4

Caterpillar infestation in a diabetic patient [letter] Anderson JF, et al. **J Infect Dis** 1984 Dec;150(6):964

Aldose reductase inhibitors: a potential new class of agents for the pharmacological control of certain diabetic complications. Kador PF, et al. **J Med Chem** 1985 Jul; 28(7):841–9 (94 ref.)

An approach to the prevention of complications of diabetes. Schmitt MA. **J Med Soc NJ** 1985 Mar;82(3):217–8

Rhinocerebral mucormycosis in a diabetic ketoacidotic patient. Reich H, et al. **J Neurol** 1985;232(2):115–7

Effect of soft-tissue pathology on detection of pedal osteomyelitis in diabetics. Seldin DW, et al. **J Nucl Med** 1985 Sep;26(9):988–93

Diabetes mellitus and associated oral manifestations: a review. Murrah VA. **J Oral Pathol** 1985 Apr;14(4):271–81 (85 ref.)

Comparative investigations in 26 impotent and 26 nonimpotent diabetic patients. Buvat J, et al. **J Urol** 1985 Jan;133(1):34–8

Sorbinil and limited joint mobility in diabetics [letter] **JAMA** 1985 Sep 20;254(11):1452–4

The effect of an aldose reductase inhibiting agent on limited joint mobility in diabetic patients. Eaton RP, et al. **JAMA** 1985 Mar 8;253(10):1437–40

Nausea, vomiting, and epigastric pain in an elderly diabetic. Medero M, et al. **JAMA** 1985 Sep 20;254(11):1485–6

An outbreak of Plasmodium inui malaria in a colony of diabetic rhesus monkeys. Schofield LD, et al. **Lab Anim Sci** 1985 Apr;35(2):167–8

End-stage renal failure in diabetics [letter] Daggett P. **Lancet** 1985 Feb 23;1(8426):466

Painful diabetic neuropathy [letter] Dandona P, et al. **Lancet** 1985 Mar 23;1(8430):697

Tuberculosis chemoprophylaxis for diabetics: are the benefits of isoniazid worth the risk? Rose DN, et al. **Mt Sinai J Med (NY)** 1985 Apr;52(4):253–8

Vascular complications in pancreatic diabetes [letter] Felicetta JV. **N Engl J Med** 1984 Nov 1;311(18):1185–6

On vascular non-disease of the foot in diabetes [letter] Krahenbuhl B, et al. **N Engl J Med** 1985 May 2; 312(18):1190–1

Adult circumcision and diabetes. Justis CM, et al. **NC Med J** 1985 Feb;46(2):109–10

Preventing diabetic foot problems. Frazin R. **Nurse Pract** 1984 Oct;9(10):40–1, 44–6, 50–2

Diabetes mellitus and the dental patient. Firkin DJ, et al. **NZ Dent J** 1985 Jan;81(363):7–11

Diabetes mellitus and infection. Larkin JG, et al. **Postgrad Med J** 1985 Mar;61(713):233–7 (46 ref.)

The choice of antihypertensive therapy in the diabetic patient. Struthers AD. **Postgrad Med J** 1985 Jul; 61(717):563–9 (55 ref.)

Diabetic cardiomyopathy. Fein FS, et al. **Prog Cardiovasc Dis** 1985 Jan–Feb;27(4):255–70 (80 ref.)

Diabetes mellitus: the predominant cause of bilateral renal enlargement. Segel MC, et al. **Radiology** 1984 Nov; 153(2):341–2

Breast arterial calcification in association with diabetes mellitus: too weak a correlation to have clinical utility. Sickles EA, et al. **Radiology** 1985 Jun;155(3):577–9

Genesis and evolution of proteinuria in diabetes mellitus. Wiseman MJ, et al. **Ric Clin Lab** 1985 Jan–Mar;15(1):9–16 (32 ref.)

Diabetic cardiomyopathy: the available evidence. Northcote RJ, et al. **Scott Med J** 1985 Apr;30(2):83–8

Bilateral simultaneous spontaneous rupture of quadriceps tendons in a diabetic patient. Bhole R, et al. **South Med J** 1985 Apr;78(4):486

Lipid disorders in Thai diabetics. Bunnag SC, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:605–9

Clinical study of cardiac arrhythmias using a 24-hour continuous electrocardiographic recorder (5th report)—antiarrhythmic action of coenzyme Q10 in diabetics. Fujioka T, et al. **Tohoku J Exp Med** 1983 Dec; 141 Suppl:453–63

The relationship between diabetes mellitus and coronary heart disease. Inoue S, et al. **Tohoku J Exp Med** 1983 Dec; 141 Suppl:495–8

Serum and lipoprotein lipid levels in diabetic patients with familial hypercholesterolemia. Koizumi J, et al **Tohoku J Exp Med** 1983 Dec;141 Suppl:599–604

The prevalence of complications in Korean diabetic subjects. Lee TH, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:361–5

Diabetes mellitus in familial hyperlipoproteinemia. Maruhama Y. **Tohoku J Exp Med** 1983 Dec;141 Suppl:593–7

Incidence of hyperlipemia in diabetics in Okinawa and its relation to ischemic heart disease. Mimura G, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:611–7

Thyroid abnormalities in diabetes mellitus. Nakazono M, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:275–81

Analyses of risk factors of ischemic heart disease in diabetics—multivariate analyses. Osonoi T, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:517–21

Risk factors of cerebro-cardiovascular disorders in mild diabetes. Toyama K, et al. **Tohoku J Exp Med** 1983 Dec; 141 Suppl:535–40

Painless myocardial infarction in diabetics. Yoshino H, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:547–54

Impotence in diabetics: organic versus psychogenic factors. el-Bayoumi M, et al. **Urology** 1984 Nov;24(5):459–63

The syndrome of insulin resistance, acanthosis nigricans and an autoimmune disorder in diabetes mellitus treated with immunosuppressants. Richards R, et al. **West Indian Med J** 1984 Sep;33(3):195–7

Diabetic foot infections—prevention and treatment. Gleckman RA, et al. **West J Med** 1985 Feb;142(2):263–5

[Relation between symptom-sign differentiation of diabetogenous bladder dysfunction and urine dynamics] Zheng HT. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec; 4(12):732–4 (Eng. Abstr.) (Chi)

[Glycoproteins—the cause of diabetic complications?] Skrha J. **Cas Lek Cesk** 1984 Dec 7;123(49):1489–93 (Eng. Abstr.) (Cze)

[Diabetes and disorders of saccharide tolerance in a 5-year study of patients after myocardial infarct] Válek J, et al. **Cas Lek Cesk** 1984 Dec 7;123(49):1504–8 (Eng. Abstr.) (Cze)

[Mucormycosis—a fatal complication of diabetes mellitus] Aho H, et al. **Duodecim** 1985;101(10):1006–9 (Fin)

[Study of the occurrence of degenerative complications by the survival rate method] de Menibus CH, et al. **Diabete Metab** 1984 Dec;10(5):333–4 (Fre)

[Sexual functions and reproduction in diabetics] Fossati P, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:269–86 (48 ref.) (Fre)

[The biochemical basis of the complications of diabetes] Gabbay KH. **Journ Annu Diabetol Hotel Dieu** 1984;:307–20 (43 ref.) (Fre)

[The problem of the complications of diabetes] Ward JD. **Journ Annu Diabetol Hotel Dieu** 1984;:321–5 (Fre)

[Prevalence of antinuclear antibodies in hypertensive diabetics treated with acebutolol] Leblanc H, et al. **Presse Med** 1984 Dec 15;13(45):2747–9 (Eng. Abstr.) (Fre)

[The eye and diabetes] Daghfous MT, et al. **Tunis Med** 1982 Jul–Aug;60(4):72–83 (Fre)

[Rheumatologic manifestations in diabetes] Ladjimi A, et al. **Tunis Med** 1985 Mar;63(3):213–9 (Eng. Abstr.) (Fre)

[Screening for endometrial carcinoma in a group at risk] Morack G, et al. **Arch Geschwulstforsch** 1984;54(5):415–22 (Eng. Abstr.) (Ger)

[Results of treatment in 118 foot necroses in relation to ankle blood pressure and diabetes. A one-year retrospective study of 108 patients] Martin M, et al. **Dtsch Med Wochenschr** 1985 Jun 21;110(25):989–93 (Eng. Abstr.) (Ger)

[Diabetes and the eye] Hommer K. **Wien Med Wochenschr** 1985 Apr 15;135(6–7):180–5 (Ger)

[Diabetes and the kidney] Kramar R. **Wien Med Wochenschr** 1985 Apr 15;135(6–7):185–8 (Ger)

[Pathogenesis of late diabetic damage] Sailer S, et al. **Wien Med Wochenschr** 1985 Apr 15;135(6–7):177–80 (Ger)

[Diabetes mellitus and skin diseases] Rassner G, et al. **Z Hautkr** 1984 Oct 1;59(19):1325–6, 1329–33 (31 ref.) (Eng. Abstr.) (Ger)

[Diabetic neuroarthropathy of the knee: clinical case] Cozzolino F, et al. **Chir Organi Mov** 1984;69(1):79–81 (Eng. Abstr.) (Ita)

[Diabetic osteoarthropathy. Clinical and pathogenetic considerations] Moroni A, et al. **Chir Organi Mov** 1982–83; 68(4–6):707–12 (Eng. Abstr.) (Ita)

[Diabetes and acute myocardial infarct in the aged] Panuccio D, et al. **G Clin Med** 1984 Jul–Aug;65(7–8):335–45 (Eng. Abstr.) (Ita)

[The problem of the relation between Kaposi's disease and diabetes: a case/control study] Fazzini ML, et al. **G Ital Dermatol Venereol** 1984 Jan–Feb;119(1):67–8 (Ita)

[Occurrence of cutaneous diabetic microangiopathies in various dermopathies statistically associated with diabetes] Lisi P. **G Ital Dermatol Venereol** 1984 Jan–Feb;119(1):63–5 (Eng. Abstr.) (Ita)

[Skin changes in diabetes] Tosti A. **G Ital Dermatol Venereol** 1984 Jan–Feb;119(1):69–71 (Ita)

[Epidemiologic study of diabetic dyslipidemia] Bertone V, et al. **Minerva Dietol Gastroenterol** 1985 Jan–Mar; 31(1):7–14 (Eng. Abstr.) (Ita)

[Insulin resistance in Werner's syndrome] Bertoli A, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):261–3 (Eng. Abstr.) (Ita)

[Kaposi's sarcoma: on its frequent association with lymphoreticular neoplasms and diabetes mellitus] Caprio B, et al. **Minerva Med** 1985 Jun 16;76(25):1227–32 (Eng. Abstr.) (Ita)

[Treatment of hypertension in the diabetic with captopril] Lanza G, et al. **Minerva Med** 1985 Feb 11;76(5):183–4 (Eng. Abstr.) (Ita)

[Risk factors and acute cerebral infarct in patients selected on the basis of blood sugar levels] Monaci R, et al. **Minerva Med** 1985 Jul 14;76(28–29):1343–7 (Eng. Abstr.) (Ita)

[Implications of excessive use of alcoholic beverages in the treatment of diabetes mellitus. Importance of a personalized instruction program for the prevention of short-term complications] Proto G, et al. **Minerva Med** 1985 May 19; 76(21):993–7 (Eng. Abstr.) (Ita)

[Incidence of dental caries in diabetics. A clinico-statistical report on 420 outpatients] Borgogna E, et al. **Minerva Stomatol** 1985 Mar–Apr;34(2):245–7 (Eng. Abstr.) (Ita)

[Pentoxifylline and arterial hypertension in diabetes mellitus: long-term results in randomized groups] Solerte SB, et al. **Ric Clin Lab** 1985;15 Suppl 1:515–26 (Eng. Abstr.) (Ita)

[A case of subphrenic abscess caused by Streptococcus agalactiae in poorly controlled diabetes mellitus] Kawasaki K, et al. **Kansenshogaku Zasshi** 1985 Jan;59(1):51–6 (Eng. Abstr.) (Jpn)

[diabetic types and surgery] Hirata Y. **Masui** 1984 Nov; 33(11):1174–9 (Jpn)

[A case of pulmonary mucormycosis in a diabetic patient successfully treated by lobectomy] Horikoshi H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1147–53 (Eng. Abstr.) (Jpn)

[Osteopenia in diabetes mellitus] Abe R. **Nippon Ronen Igakkai Zasshi** 1984 Jul;21(4):322–7 (Eng. Abstr.) (Jpn)

[Diabetic osteoporosis—incidence, pathogenesis and therapeutic features] Gasińska T. **Pol Tyg Lek** 1984 Apr 30;39(18):621–4 (38 ref.) (Pol)

[Neurogenic circulatory disorders in the pathogenesis of diabetic foot syndrome] Jeziorski KG. **Pol Tyg Lek** 1985 May 6;40(18):531–3 (Pol)

[Pathogenesis and various clinical problems of cardiomyopathy in diabetes mellitus] Walasik L, et al. **Pol Tyg Lek** 1985 Mar 11;40(10):317–22 (48 ref.) (Eng. Abstr.) (Pol)

[Facial carbuncle in diabetes mellitus] Maj J. **Wiad Lek** 1984 Sep 15;37(18):1453–6 (Eng. Abstr.) (Pol)

[Diabetes as a risk factor in the surgical treatment of biliary tract diseases] Owieczko A, et al. **Wiad Lek** 1984 Mar 15; 37(6):415–9 (Eng. Abstr.) (Pol)

[Diabetes mellitus with developing vascular changes in a 13-year-old girl] Urban M, et al. **Wiad Lek** 1984 May 1; 37(9):673–6 (Eng. Abstr.) (Pol)

[Disseminated strongyloidiasis in a diabetic patient (letter)] Venturi M, et al. **Rev Paul Med** 1984 Nov–Dec;102(6):283 (Por)

[Pathogenesis of diabetic lesions of the myocardium] Iverieli VP, et al. **Kardiologiia** 1984 Aug;24(8):30–4 (Eng. Abstr.) (Rus)

[Surgical treatment of rectal diseases in diabetics] Myshkin KI, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):80–2 (Eng. Abstr.) (Rus)

[Treatment of patients with acute cholecystitis and diabetes mellitus] Telia AV, et al. **Khirurgiia (Mosk)** 1984 Jul; (7):37–41 (Eng. Abstr.) (Rus)

[Suppurative processes in diabetes mellitus] Iaremchuk AIa, et al. **Klin Med (Mosk)** 1985 Mar;63(3):96–100 (Eng. Abstr.) (Rus)

[Lipid peroxidation in patients with both pulmonary tuberculosis and diabetes mellitus] Kravtsova IV, et al. **Probl Tuberk** 1984 Nov;(11):20–4 (Eng. Abstr.) (Rus)

[Treatment of diabetic polyneuropathy] Efimov AS, et al. **Sov Med** 1985;(2):83–9 (Rus)

[Diabetes mellitus and mucormycosis] Levitskaia ZI. **Sov Med** 1984;(11):119–22 (Rus)

[Indicators of nonspecific immunity in purulent infection in diabetes mellitus] Nuzov BG. **Sov Med** 1985;(1):80–3 (Rus)

[Dermatological aspects of diabetes mellitus] Shcherbak AV. **Sov Med** 1985;(2):29–33 (50 ref.) (Rus)

[A case of severe allergic reaction to insulin in combination with insulin resistance in a diabetes mellitus patient] Zavarina OK, et al. **Ter Arkh** 1984;56(9):132–3 (Rus)

[Relations between lipoid necrobiosis and diabetes mellitus] Abramova EA, et al **Vestn Dermatol Venerol** 1985 Feb; (2):36–8 (Eng. Abstr.) (Rus)

[Grinspan's syndrome] Dovzhanskii SI, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):66–8 (Eng. Abstr.) (Rus)

[Early detection and treatment of diseases of the arteries of the legs in patients with diabetes mellitus under ambulatory conditions] Chukhman BA, et al. **Vestn Khir** 1984 Aug; 133(8):120–2 (Eng. Abstr.) (Rus)

[Incidence and sites of diabetic angiopathies in patients with newly detected diabetes] Pan'kiv VI. **Vrach Delo** 1985 Feb; (2):56–7 (Eng. Abstr.) (Rus)

[Characteristics of the course of viral hepatitis in patients with diabetes mellitus and peptic ulcer] Pinchuk DN, et al. **Vrach Delo** 1985 May;(5):108–11 (Rus)

[Gout and diabetes] Vukotić D, et al. **Srp Arh Celok Lek** 1983 Aug;111(8):1107–13 (Eng. Abstr.) (Ser)

[Diabetic osteoarthropathy (report on 2 patients)] Krajnc I, et al. **Reumatizam** 1984;31(3–4):59–62 (Eng. Abstr.) (Ser)

[The incidence and course of glucose tolerance disorder in familial hyperlipoproteinemia] Kolesár P. **Vnitr Lek** 1985 Jan;31(1):20–6 (Eng. Abstr.) (Slo)

[Autonomic neuropathy, arterial hypertension and diabetes mellitus] Calle Pascual AL, et al. **Med Clin (Barc)** 1985 Mar 23;84(11):437–9 (Eng. Abstr.) (Spa)

[Chemical diabetes and coronary disease] Arrigoni Blanco V. **Rev Fac Cien Med Univ Nac Cordoba** 1984;42(1):43–6 (Eng. Abstr.) (Spa)

[Incidence of yeasts in the lower extremities of diabetic patients] García de Alba JE, et al. **Salud Publica Mex** 1985 Mar–Apr;27(2):169–73 (Eng. Abstr.) (Spa)

CONGENITAL

[2 cases of combined congenital hypothyroidism and diabetes mellitus] Aleksiushina LA, et al. **Pediatriia** 1985 Apr; (4):66–7 (Rus)

[Diabetes mellitus and related conditions in newborn infants] Mel'nik AI, et al. **Pediatriia** 1985 Feb;(2):42–5 (Rus)

DIAGNOSIS

A case of solute diuresis erroneously diagnosed as lithium-induced polyuria. Bendz H. **Acta Psychiatr Scand** 1985 Jan;71(1):92–3

Comparison of glycosylated hemoglobin and fasting plasma glucose with two-hour post-load plasma glucose in the detection of diabetes mellitus. Simon D, et al. **Am J Epidemiol** 1985 Oct;122(4):589–93

Glycosylated hemoglobin as a screening test for carbohydrate intolerance in pregnancy. Cousins L, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):455–60

Glucose tolerance test and glycosylated haemoglobin measurement for diagnosis of diabetes mellitus—an assessment of the criteria of the WHO Expert Committee on Diabetes Mellitus 1980. Albutt EC, et al. **Ann Clin Biochem** 1985 Jan;22 (Pt 1):67–73

The estimation of serum fructosamine: an alternative measurement to glycated haemoglobin. Hindle EJ, et al. **Ann Clin Biochem** 1985 Jan;22 (Pt 1):84–9

Glycosylated haemoglobin as an alternative to the glucose tolerance test for the diagnosis of diabetes mellitus. Lester E, et al. **Ann Clin Biochem** 1985 Jan;22 (Pt 1):74–8

An assessment of the Harding and Somogyi-Nelson procedures for plasma glucose estimation, for use in the rural hospitals. Gomo ZA, et al. **Cent Afr J Med** 1985 Jan;31(1):7–9

A 10 year follow-up of diabetes in a rural area of Japan using the 50 g oral glucose tolerance test. Komatsu K, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:111–4

Proposal of the diabetic diet load test (DLT) as a new diagnostic. Nanjo K, et al. **Tohoku J Exp Med** 1983 Dec; 141 Suppl:91–8

Assessment of the new diagnostic criteria for diabetes mellitus according to a long-term follow-up study. Sasaki A. **Tohoku J Exp Med** 1983 Dec;141 Suppl:99–104

Clinical profile of diabetes mellitus in Jamaica (phasic insulin dependence). Morrison EY, et al. **West Indian Med J** 1985 Jun;34(2):94–7

[Clinical application of the determination of glycosylated plasma protein] Tong W. **Chung Hua Nei Ko Tsa Chih** 1984 Jul;23(7):422–5, 462 (Eng. Abstr.) (Chi)

[Diagnosis of diabetes and evaluation of the oral glucose tolerance test according to the recommendations of the World Health Association, 1980] Rameš I. **Vnitr Lek** 1985 Jun;31(6):608–10 (Cze)

[The metabolic control of diabetes. A few practical aspects of its biologic evaluation] Guedri H, et al. **Tunis Med** 1982 Jul–Aug;60(4):148–59 (Fre)

[A combination of glycosylated hemoglobin and fasting plasma glucose testing facilitate screening of diabetes mellitus] Nunoi K. **Fukuoka Igaku Zasshi** 1984 May; 75(5):271–82 (Eng. Abstr.) (Jpn)

[Diagnostic value of fasting blood sugar, blood glucose curve and glycosylated hemoglobin (HbA1) in diabetes mellitus] Russo EM, et al. **AMB** 1984 Sep–Oct;30(9–10):179–83 (Eng. Abstr.) (Por)

[Glucose content of ear wax in patients with latent and manifest diabetes mellitus] Khasanov SA, et al. **Vestn Otorinolaringol** 1985 Mar–Apr;(2):34–6 (Eng. Abstr.) (Rus)

DIET THERAPY

Diet and diabetes. Bierman EL. **Am J Clin Nutr** 1985 May; 41(5 Suppl):1113–6

Simple versus complex carbohydrate use in the diabetic diet. Crapo PA. **Annu Rev Nutr** 1985;5:95–114 (81 ref.)

Dietary management of diabetes mellitus. Chait A. **ASDC J Dent Child** 1984 Nov–Dec;51(6):455–7

Monitoring therapeutic effects of diets. Schlierf G. **Bibl Nutr Dieta** 1985;(35):106–10

Dietary management of diabetes mellitus. Chait A.

Bol Asoc Med PR 1984 Nov;76(11):495–7

Beneficial effect of vegetable protein diet supplemented with psyllium plantago in patients with hepatic encephalopathy and diabetes mellitus. Uribe M, et al. **Gastroenterology** 1985 Apr;88(4):901–7

Glycemic effects of carbohydrates. **J Am Diet Assoc** 1984 Dec;84(12):1487–8

Comparison of the hypotensive and metabolic effects of bendrofluazide therapy and a high fibre, low fat, low sodium diet in diabetic subjects with mild hypertension. Pacy PJ, et al. **J Hypertens** 1984 Apr;2(2):215–20

Low-dose guar improves diabetic control. Jones DB, et al. **J R Soc Med** 1985 Jul;78(7):546–8

Higher carbohydrate diet for diabetic patients. Supariondo, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:665–9

[Medical and social problems in the care of diabetics—results of a study of 269 patients] Páv J, et al. **Vnitr Lek** 1985 Jun;31(6):585–91 (Eng. Abstr.) (Cze)

[The development and outlook in the dietary treatment of diabetes mellitus] Páv J. **Vnitr Lek** 1984 Nov;30(11):1099–105 (Eng. Abstr.) (Cze)

[Clinical dietition in general practice. The effect of dietary advice to obese patients and diabetics] Kromann H. **Ugeskr Laeger** 1984 Dec 31;147(1):20–3 (Eng. Abstr.) (Dan)

[Diet in diabetes mellitus] Sailer S. **Wien Med Wochenschr** 1985 Apr 15;135(6–7):145–7 (Ger)

DRUG THERAPY

Treating diabetes. In the 1980s and beyond. Campbell RK. **Am Pharm** 1984 Dec;NS24(12):52–65

Selection of patients for intensive insulin therapy [editorial] Gerich JE. **Arch Intern Med** 1985 Aug;145(8):1383–4

Improved effect of tolbutamide when given before food in patients on long-term therapy [letter] Samanta A, et al. **Br J Clin Pharmacol** 1984 Oct;18(4):647–8

Effect of intravenous infusion of insulin in diabetics with acute myocardial infarction [letter] **Br Med J [Clin Res]** 1985 Sep 7;291(6496):677

Lack of relation between glycosylated haemoglobin concentrations and number of daily insulin injections: cross sectional study in care of ambulatory diabetes. Agardh CD, et al. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):622

Severe hyperkalaemia and ketoacidosis during routine treatment with an insulin pump. Knight G, et al. **Br Med J [Clin Res]** 1985 Aug 10;291(6492):371–2

Glyburide and glipizide, second-generation oral sulfonylurea hypoglycemic agents. Prendergast BD. **Clin Pharm** 1984 Sep–Oct;3(5):473–85 (80 ref.)

Glyburide (DiaBeta): a new second-generation hypoglycemic agent. Krall LP. **Clin Ther** 1984;6(6):746–62

Pharmacokinetic and clinical aspects of intensified subcutaneous insulin therapy. Lauritzen T. **Dan Med Bull** 1985 May;32(2):104–18 (97 ref.)

Proceedings of a conference on insulin pump therapy in diabetes. Multicenter study of effect on microvascular disease. Introduction. The Kroc Collaborative Study Group. **Diabetes** 1985 Aug;34 Suppl 3:1–4

Proceedings of a conference on insulin pump therapy in diabetes. Multicenter study of effect on microvascular disease. March 21–25, 1983, Santa Ynez, California. **Diabetes** 1985 Aug;34 Suppl 3:1–91

Conference on insulin pump therapy in diabetes. Multicenter study of effect on microvascular disease. Origin and design of the Kroc Collaborative Study. Champion MC, et al. **Diabetes** 1985 Aug;34 Suppl 3:5–12

Conference on insulin pump therapy in diabetes. Multicenter study of effect on microvascular disease. Assessment of fluorescein angiograms. Kohner EM, et al. **Diabetes** 1985 Aug;34 Suppl 3:56–60

Observations on blood lipid and intermediary metabolite concentrations during conventional insulin treatment or CSII. Lawson P, et al. **Diabetes** 1985 Aug;34 Suppl 3:27–30

Observations on control of glycemia with conventional insulin therapy or continuous subcutaneous insulin infusion. Tamborlane WV, et al. **Diabetes** 1985 Aug;34 Suppl 3:22–6

Fiber and diabetes [letter] Mann JI. **Diabetes Care** 1985 Mar–Apr;8(2):192–4

Chromosomal studies in diabetic patients treated with chlorpropamide. Kulkarni PS, et al. **Food Chem Toxicol** 1985 Jun;23(6):625–8

Optimum insulin use in older diabetics. Shuman CR. **Geriatrics** 1984 Oct;39(10):71–4, 79–84, 89

Subcutaneous absorption of U–40 and U–100 insulin. Lauritzen T, et al. **Horm Metab Res** 1984 Nov;16(11):611–2

Hypertension in hypoglycemic diabetics treated with beta-adrenergic antagonists. Ryan JR, et al. **Hypertension** 1985 May–Jun;7(3 Pt 1):443–6

Comparison of purified bovine and monocomponent porcine insulins. Johnson Z, et al. **Ir Med J** 1984 Dec;77(12):380–1, 383

One minute with diabetes. DeLawter DE. **Md State Med J** 1984 Sep;33(9):694

Technology and the diabetic patient. Pickup JC, et al. **Med Biol Eng Comput** 1984 Sep;22(5):385–400 (103 ref.)

Pharmacological principles of treatment in diabetes. Larkins RG. **Med J Aust** 1985 Jan 21;142(2):117–20

The dawn phenomenon—fact or artefact? Gale EA. **Neth J Med** 1985;28 Suppl 1:50–2

Highlights of clinical experiences with recombinant human insulin (rDNA) and human proinsulin (rDNA). Galloway JA. **Neth J Med** 1985;28 Suppl 1:37–42

Alternative routes and methods of insulin delivery. Home PD, et al. **Neth J Med** 1985;28 Suppl 1:32–6

Various influences on insulin absorption. Koivisto VA. **Neth J Med** 1985;28 Suppl 1:25–8

Insulin pumps and other recent advances with insulin delivery in the treatment of diabetes mellitus. Scott RS. **NZ Med J** 1985 Jun 26;98(781):485–7

Correlation between serum concentration and hypoglycemic effect of chlorpropamide in man. Jankowski A, et al. **Pol J Pharmacol Pharm** 1984 Sep–Oct;36(5):449–53

Oral hypoglycaemic drugs. A forgotten cause of serious hypoglycaemia. Lee KO, et al. **Singapore Med J** 1984 Jun;25(3):178–80

Dietary control of diabetes: reality or myth? Korczowski MM. **South Med J** 1985 Aug;78(8):979–86

New pharmacologic approaches to the treatment of diabetes. Johnson DG, et al. **Spec Top Endocrinol Metab** 1984;6:163–92 (128 ref.)

Long-term treatment in diabetics with acarbose, a glucosidase inhibitor: efficacy, tolerability and effect on GI hormones. Hillebrand I, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:683–6

Clinical usefulness of artificial endocrine pancreas 'Biostator' in management of unstable diabetics. Ohno M, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:723–32

Metabolic effects of onion and green beans on diabetic patients. Tjokroprawiro A, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:671–6

[Criteria for compensation in diabetes during insulin therapy] Rybka J. **Vnitr Lek** 1985 Apr;31(4):385–90 (Eng. Abstr.) (Cze)

[Peroperative insulin treatment] Scherpereel P. **Ann Fr Anesth Reanim** 1985;4(1):59–65 (Fre)

[What is the future of continuous insulin infusion by peritoneal route?] Selam JL, et al. **Diabete Metab** 1984 Sep;10(3):221–2 (Fre)

[25 years of diabetic treatment by oral hypoglycemic agents: successes and failures] Tattersall RB. **Journ Annu Diabetol Hotel Dieu** 1984;:183–91 (33 ref.) (Fre)

[1 or several injections of insulin? Influence on the control of diabetes evaluated by glycosylated hemoglobin A1C (letter)] Wahl S, et al. **Presse Med** 1984 Sep 15;13(31):1904–5 (Fre)

[Insulin-requiring diabetes] Passa P. **Rev Med Interne** 1985 Mar;6(2):93–5 (Fre)

[Therapy of diabetes mellitus: adjustment criteria and control of results. Guidelines of the German Diabetes Association] Otto H. **Dtsch Med Wochenschr** 1985 Mar 22;110(12):477–8 (Ger)

[Human insulin—a mosaic stone of current diabetes therapy] Rosak C, et al. **Fortschr Med** 1985 Jul 25;103(27–28):703–6 (Eng. Abstr.) (Ger)

[Possibilities and limits of oral diabetes therapy] Bruneder H. **Wien Med Wochenschr** 1985 Apr 15;135(6–7):147–51 (Ger)

[Modern insulin therapy] Waldhäusl W, et al. **Wien Med Wochenschr** 1985 Apr 15;135(6–7):151–9 (Ger)

[Current diabetology—therapy with human insulin] Zeichen R, et al. **Wien Med Wochenschr** 1985 Apr 15;135(6–7):188–90 (Ger)

[Current trends in the treatment of diabetes mellitus] Jacobelli A. **Clin Ter** 1984 Aug 15;110(3):277–81 (Ita)

[Evaluation of HDL cholesterol in diabetes mellitus in relation to various types of therapy] Floriani M, et al. **Quad Sclavo Diagn** 1984 Jun;20(2):236–43 (Eng. Abstr.) (Ita)

[Relationship between antihyperglycemic drugs and myocardial infarction in the aged—a retrospective study] Itagaki T. **Nippon Ronen Igakkai Zasshi** 1984 Nov;21(6):523–35 (Eng. Abstr.) (Jpn)

[Reactions to various types of insulin in insulin-treated patients in intradermal tests] Szurkowska M, et al. **Wiad Lek** 1984 Nov 1;37(21):1674–80 (Eng. Abstr.) (Pol)

[Modern tactics in diabetes mellitus therapy] Kazanbiev NK, et al. **Sov Med** 1984;(11):48–51 (32 ref.) (Rus)

[The Gotland's study: high prescription rate of diabetic agents but also high morbidity] Idman L, et al. **Lakartidningen** 1985 Mar 20;82(12):1051–4 (Eng. Abstr.) (Swe)

ECONOMICS

Diabetes-related research in Canada. Diabetes Canada Research Advisory Committee. **Can Med Assoc J** 1985 Jul 15;133(2):103–5

The cost of diabetes in south Auckland [letter] Cooper GJ, et al. **NZ Med J** 1985 Feb 27;98(773):113

ENZYMOLOGY

beta-N-acetyl-D-glucosaminidase isoenzymes by chromatofocusing from serum and skin in diabetes. Orlacchio A, et al. **Clin Chim Acta** 1984 Aug 31;141(2–3):127–33

Lactate dehydrogenase isoenzymes in diabetic patients. Nair RM, et al. **Clin Physiol Biochem** 1985;3(4):157–65

Serum alkaline phosphatase activity in diabetes mellitus. Sinha N, et al. **J Assoc Physicians India** 1984 Nov;32(11):966–8

Increased plasma inactive renin in diabetes mellitus. A marker of microvascular complications. Luetscher JA, et al. **N Engl J Med** 1985 May 30;312(22):1412–7

[Blood N-acetyl-beta-glucosaminidase activity in diabetes mellitus] Pinto MC, et al. **Acta Med Port** 1984 Jun;5(6):175–8 (Por)

[Decrease of glutathione-dependent oxido-reductases in platelets of patients with diabetes mellitus] Eiras A, et al. **Rev Esp Fisiol** 1984 Sep;40(3):391–3 (Spa)

ETIOLOGY

Re: 'Sex difference in the effects of sociocultural status on diabetes and cardiovascular risk factors in Mexican Americans' [letter] Zunzunegui V, et al. **Am J Epidemiol** 1985 Aug;122(2):355–6

Posttransplant diabetes in kidney transplant recipients. Friedman EA, et al. **Am J Nephrol** 1985;5(3):196–202

Pancreatitis and diabetes mellitus with metastatic pulmonary oat-cell carcinoma [letter] Schmitt JK. **Ann Intern Med** 1985 Oct;103(4):638–9

4th international workshop: Isolated pancreatic islets and diabetes research. **Biomed Biochim Acta** 1985;44(1):1–171

Oral contraceptive use: prospective follow-up of women with suspected glucose intolerance. Duffy TJ, et al. **Contraception** 1984 Sep;30(3):197–208

Undernutrition and diabetes [letter] Khardori R. **Diabetes Care** 1985 May–Jun;8(3):302

Studies on diabetes mellitus after ventromedial hypothalamic lesions in adult and aged rats. Lazaris JA, et al. **Endocrinol Exp (Bratisl)** 1985 Jun;19(2):67–76

Further evidence for the dependence of diabetes prevalence on nutrition in perinatal life. Dörner G, et al. **Exp Clin Endocrinol** 1984 Oct;84(2):129–33

Diabetes mellitus and chronic liver disease [letter] Cacciatore L, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1292

Clinical features of diabetogenic and atherogenic obesity. Vague J, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:147–59

[The place of obesity among the causes of diabetes mellitus] Vague, et al. **Vutr Boles** 1985;24(2):75–8 (Bul)

[So-called 'other types' of diabetes: chronic pancreatitis and hemochromatosis] Simon M, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:85–114 (215 ref.) (Fre)

[Tropical diabetes mellitus, a new nutritional indicator?] Cuisinier-Raynal JC, et al. **Med Trop (Mars)** 1985 Apr–Jun;45(2):179–84 (Eng. Abstr.) (Fre)

[Etiology and pathophysiology of the diabetes mellitus syndromes] Schernthaner G. **Wien Med Wochenschr** 1985 Apr 15;135(6–7):139–45 (Ger)

[Diabetes mellitus after partial and total pancreatectomy] Jedrzejczyk W, et al. **Pol Tyg Lek** 1984 Dec 3;39(49):1601–2 (Eng. Abstr.) (Pol)

[Age-related pathomorphism of diabetes mellitus] Tikhonova EP, et al. **Ter Arkh** 1985;57(2):100–3 (Eng. Abstr.) (Rus)

[Type J diabetes: apropos of a case] Sarto A, et al. **Med Clin (Barc)** 1985 Feb 2;84(4):155–6 (Eng. Abstr.) (Spa)

FAMILIAL & GENETIC

Frequency of diabetes mellitus in mothers of probands with gestational diabetes: possible maternal influence on the predisposition to gestational diabetes. Martin AO, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):471–5

Contact lens wear problems: implications of penicillin allergy, diabetic relatives, and use of birth control pills. Harrison DP. **Am J Optom Physiol Opt** 1984 Nov;61(11):674–8

The variation of glucose tolerance in a multi racial population. Ch'ng SL, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):223–8

Pathogenetic mechanisms of hereditary diabetes mellitus. Zühlke H. **Biomed Biochim Acta** 1985;44(1):5–13

Hyperlipoproteinemia with albumin-lipid complex: a novel type of hyperlipoproteinemia associated with insulin-resistant diabetes mellitus. Habbal ZM, et al. **Clin Chem** 1985 Mar;31(3):371–6

Genetic regulation of the kinetics of glucose-induced insulin release in man. Studies in families with diabetic and non-diabetic probands. Iselius L, et al. **Clin Genet** 1985 Jul;28(1):8–15

Insulin and apolipoprotein A–1/C–III gene polymorphisms relating to hypertriglyceridaemia and diabetes mellitus. Jowett NI, et al. **Diabetologia** 1984 Aug;27(2):180–3

The fast acetylator phenotype in diabetes mellitus: abnormal prevalence and association with the ABO blood groups. Pontiroli AE, et al. **Diabetologia** 1984 Aug;27(2):235–7

Impaired insulin-induced RNA synthesis secondary to a genetically defective insulin receptor. Rüdiger HW, et al. **Hum Genet** 1985;69(1):76–8

Blood groups and diabetes mellitus: a possible tool in the analysis of the hereditary background of diabetes mellitus. Kanazawa Y, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:295–9

[Long-term observations of children from families with a history of diabetes mellitus] Dziatkowiak H, et al. **Pediatr Pol** 1984 Aug;59(8):631–8 (Eng. Abstr.) (Pol)

[Evaluation of carbohydrate metabolism in children born to mothers with diabetes mellitus, based on glucose tolerance tests] Ignatiuk TE, et al. **Pediatriia** 1985 Feb;(2):16–7 (Eng. Abstr.) (Rus)

[Structure of the gene and molecular defects of insulin in diabetes mellitus (a review of the literature)] Germaniuk IaL. **Vrach Delo** 1984 Oct;(10):9–14 (22 ref.) (Rus)
[Lipid metabolism in relatives of diabetics] Funiak S. **Vnitr Lek** 1985 May;31(5):469–73 (Eng. Abstr.) (Slo)

HISTORY

Corrigan memorial lecture. The pissing evile. Drury MI. **Ir J Med Sci** 1985 Jan;154(1):1–13
[Alfred Lublin (1895–1956) and his contribution to diabetology] Dittrich HM. **Z Arztl Fortbild (Jena)** 1985; 79(8):361–3 (Ger)

IMMUNOLOGY

Virus and autoimmunity in diabetes mellitus. **Behring Inst Mitt** 1984 Jul;(75):1–107
Improved haemagglutination reagent for detecting antibodies to insulin in diabetic and non-diabetic young and old patients. Wolk M, et al. **Clin Chim Acta** 1984 Dec 29; 144(2–3):105–13
Correlation of islet cell antibodies and HLA-DR phenotypes with diabetes mellitus in adults. Gleichmann H, et al. **Diabetologia** 1984 Jul;27 Suppl:90–2
Contribution of secretory IgA, polymeric IgA and IgA/secretory component-containing circulating immune complexes to the serum hyper-IgA in diabetes mellitus. Triolo G, et al. **Diabetologia** 1984 Jul;27 Suppl:157–9
Statistical analysis of five immune complex screening assays: patterns of detection in patients with rheumatoid arthritis, systemic lupus erythematosus, infectious endocarditis, and diabetes mellitus. Kilpatrick JM, et al. **Diagn Immunol** 1983; 1(2):57–63
The frequency of islet cell surface antibodies and antibody-dependent cell-mediated cytotoxicity (ADCC) of mononuclear cells in HLA-typed patients with high diabetes risk. Rjasanowski I, et al. **Exp Clin Endocrinol** 1985 Feb;85(1):70–4
HLA antigens in Wolfram's syndrome. Blasi C, et al. **Horm Metab Res** 1984 Sep;16(9):498
Immunogenicity of insulin of various origins. Reeves WG. **Neth J Med** 1985;28 Suppl 1:43–6
Immunogenicity of bovine, porcine and semisynthetic human insulin. Venekamp WJ, et al. **Neth J Med** 1985;28 Suppl 1:57–8
Insulin antibodies—do they matter? Walford S. **Neth J Med** 1985;28 Suppl 1:47–9
Islet-cell cytoplasmic antibodies in Japanese diabetics. Shinjyo T, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:265–9
[Factors affecting the antigenicity of exogenous insulin in diabetics] Penchev II, et al. **Vutr Boles** 1985;24(1):113–9 (Eng. Abstr.) (Bul)
[Current theories of phagocytosis and methodological problems in the study of phagocytosis defects in diabetics] Horn W. **Immun Infekt** 1984 Feb;12(1):13–9 (24 ref.) (Eng. Abstr.) (Ger)
[Synthetic human insulin and diabetes mellitus: immunologic aspects] Guglielmi G, et al. **Clin Ter** 1984 Nov 30; 111(4):347–57 (102 ref.) (Eng. Abstr.) (Ita)
[Salivary IgA in diabetes mellitus patients] Sortino F, et al. **Minerva Stomatol** 1985 Jan–Feb;34(1):65–7 (Eng. Abstr.) (Ita)
[A case of insulin-resistant diabetes caused by anti-insulin receptor autoantibodies, showing varied clinical course] Ohnuma T, et al. **Nippon Naika Gakkai Zasshi** 1984 Jun; 73(6):856–63 (Jpn)
[The human leukocyte antigen system in patients with diabetes treated with monocomponent insulin] Djordjević PB, et al. **Srp Arh Celok Lek** 1983 Sep–Oct; 111(9–10):1381–91 (Eng. Abstr.) (Scc)

METABOLISM

Elevated hemoglobin A1c and low-density lipoprotein cholesterol levels in thiazide-treated diabetic patients. Bloomgarden ZT, et al. **Am J Med** 1984 Nov;77(5):823–7
Ketone body metabolism in normal and diabetic human skeletal muscle. Nosadini R, et al. **Am J Physiol** 1985 Aug; 249(2 Pt 1):E131–6
Insulin secretory capacity in Singapore diabetic subjects. Thai AC, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):191–3
Prostaglandins and diabetes. Rösen P, et al. **Ann Clin Res** 1984;16(5–6):300–13 (195 ref.)
Glycosylation of lens proteins in senile cataract and diabetes mellitus. Lee JH, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):888–93
Oxygen metabolism of phagocytosing human polymorphonuclear leucocytes in diabetes mellitus. Markert M, et al. **Blut** 1984 Dec;49(6):447–55
Nifedipine and endocrine status in diabetic patients [letter] Abadie E, et al. **Br J Clin Pharmacol** 1984 Oct;18(4):648–50
Non-enzymatic glycosylation of keratin from the stratum corneum of the diabetic foot. Delbridge L, et al. **Br J Dermatol** 1985 May;112(5):547–54
Smoking and insulin absorption [letter] Williams G, et al. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):697
Chronobiological aspects of blood glucose regulation: a new scope for the study of diabetes mellitus. Gagliardino JJ, et al. **Chronobiologia** 1984 Oct–Dec;11(4):357–79 (133 ref.)
Glycosylation of nail in diabetics: possible marker of long-term hyperglycemia. Bakan E, et al. **Clin Chim Acta** 1985 Mar 30;147(1):1–5
Abnormal serum protein binding of acidic drugs in diabetes mellitus. Ruiz-Cabello F, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):691–5
Nonenzymatic glycosylation of basement membrane collagen in diabetes mellitus. Trüeb B, et al. **Coll Relat Res** 1984 Aug;4(4):239–51
High-carbohydrate, low-fat diet: effect on lipid and carbohydrate metabolism, GIP and insulin secretion in diabetics. Sestoft L, et al. **Dan Med Bull** 1985 Mar; 32(1):64–9
Connective tissue in diabetes mellitus: biochemical alterations of the intercellular matrix with special reference to proteoglycans, collagens and basement membranes. Sternberg M, et al. **Diabete Metab** 1985 Feb;11(1):27–50 (267 ref.)
Age- and diabetes-related changes in tissue glucose uptake and estradiol accumulation in the C57BL/KsJ mouse. Garris DR, et al. **Diabetes** 1985 Jan;34(1):47–52
Metabolism of low-density lipoprotein from patients with diabetic hypertriglyceridemia by cultured human skin fibroblasts. Hiramatsu K, et al. **Diabetes** 1985 Jan;34(1):8–14
Glucose counterregulation in patients after pancreatectomy. Comparison with other clinical forms of diabetes. Polonsky KS, et al. **Diabetes** 1984 Nov;33(11):1112–9
Low plasma renin activity in diabetes. Relation to urine prostaglandin excretion. Wilson TW, et al. **Diabetes** 1985 Feb;34(2):145–50
Mathematical model to obtain cholesterol, P/S ratio, and fiber daily intake [letter] Tater D, et al. **Diabetes Care** 1985 Mar–Apr;8(2):194–5
Aqueous humour glucose concentration in cataract patients and its effect on the lens. Davies PD, et al. **Exp Eye Res** 1984 Nov;39(5):605–9
Vitreous fluorophotometry in diabetics: study of artifactual contributions. Delori FC, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(4–5):215–8
Nonenzymatic glycation of human lens crystallin. Effect of aging and diabetes mellitus. Garlick RL, et al. **J Clin Invest** 1984 Nov;74(5):1742–9
Effects of cortisol and progesterone on insulin binding and lipogenesis in adipocytes from normal and diabetic rats. Mendes AM, et al. **J Endocrinol** 1985 Aug;106(2):225–31
Collagen synthesis and collagenase activity in dermal fibroblasts from patients with diabetes and digital sclerosis. Seibold JR, et al. **J Lab Clin Med** 1985 Jun;105(6):664–7
Salivary composition in diabetic patients. Sharon A, et al. **J Oral Med** 1985 Jan–Mar;40(1):23–6
Pharmacokinetics of gliclazide in healthy and diabetic subjects. Kobayashi K, et al. **J Pharm Sci** 1984 Dec; 73(12):1684–7
Abnormal insulin molecules: an alternative cause of diabetes? [news] Ziporyn T. **JAMA** 1984 Nov 16;252(19):2669–70, 2673
Defective energy metabolism of the heart in diabetes. Taegtmeyer H, et al. **Lancet** 1985 Jan 19;1(8421):139–41
Magnesium and potassium in diabetes and carbohydrate metabolism. Review of the present status and recent results. Durlach J, et al. **Magnesium** 1984;3(4–6):315–23
The development of a needle-type glucose sensor for wearable artificial endocrine pancreas. Yamasaki Y. **Med J Osaka Univ** 1984 Sep;35(1–2):25–34
Glucose counterregulation, hypoglycemia, and intensive insulin therapy in diabetes mellitus. Cryer PE, et al. **N Engl J Med** 1985 Jul 25;313(4):232–41 (151 ref.)
Axonal transport and nerve conduction and their relation to nerve polyol and myo-inositol levels in spontaneously diabetic BB/D rats. Mayer JH, et al. **Neurochem Pathol** 1984–85 Winter;2(4):285–93
Diabetes mellitus and the liver. Stone BG, et al. **Semin Liver Dis** 1985 Feb;5(1):8–28 (174 ref.)
Lipoprotein metabolism in diabetics treated with diet, oral hypoglycemic drug and insulin. Tada N, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:619–26
Abnormal binding of negatively charged serum proteins to diabetic basement membranes is largely a systemic phenomenon. Murrah V, et al. **Virchows Arch [A]** 1984; 405(1):141–54
[Metabolic imbalances of calcium, phosphorus, nitrogen and magnesium in diabetic patients] Liao EY. **Chung Hua Nei Ko Tsa Chih** 1984 May;23(5):287–90 (Eng. Abstr.) (Chi)
[Quantitative and qualitative analysis of disorders of insulin-secretion in diabetic syndromes] Ellorhaoui M, et al. **Tunis Med** 1984 Dec;62(8):615–8 (Eng. Abstr.) (Fre)
[Alcohol and diabetes] Petzoldt R. **Dtsch Med Wochenschr** 1985 Jul 26;110(30):1167–9 (Ger)
[Analytic and diagnostic value of glycosylated blood proteins] Schleicher E. **Internist (Berlin)** 1985 Jun; 26(6):372–6 (28 ref.) (Ger)
[Cutaneous glucose in healthy and diabetic subjects] Binazzi M, et al. **G Ital Dermatol Venereol** 1984 Jan–Feb; 119(1):39–43 (Eng. Abstr.) (Ita)
[Lipid metabolism in hyperglycemic human and rabbit's lenses] Ohmura M. **Nippon Ganka Gakkai Zasshi** 1985 Jan; 89(1):162–71 (Eng. Abstr.) (Jpn)
[Status of phosphorus-calcium metabolism and calcium-regulating systems in diabetes mellitus] Akhmedova ZG, et al. **Klin Med (Mosk)** 1985 Mar; 63(3):103–6 (Eng. Abstr.) (Rus)
[Dyslipoproteinemia, oxygen-transport system of blood and oxygen balance in the tissues at early stages of diabetes mellitus] Galeniuk VA, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):25–9 (Eng. Abstr.) (Rus)
[Selenium content and glutathione peroxidase activity in human eye tissues in diabetes] Alieva ZA, et al. **Vestn Oftalmol** 1983 May–Jun;101(3):35–8 (Eng. Abstr.) (Rus)
[Frequency and seasonal biorhythm of metabolic indices and vascular lesions in diabetics] Nikberg II, et al. **Vrach Delo** 1984 Nov;(11):57–60 (Eng. Abstr.) (Rus)

MICROBIOLOGY

Virus and autoimmunity in diabetes mellitus. **Behring Inst Mitt** 1984 Jul;(75):1–107
Mechanisms in virus-induced cell injury. Bauer H. **Behring Inst Mitt** 1984 Jul;(75):1–5
Virus-induced diabetes mellitus. No evidence for immune mechanisms in the destruction of beta-cells by the D-variant of encephalomyocarditis virus. Yoon JW, et al. **Diabetes** 1985 Sep;34(9):922–5
Hepatitis B virus markers in diabetes mellitus. Khuri KG, et al. **Diabetes Care** 1985 May–Jun;8(3):250–3

MORTALITY

Long-term prognosis after myocardial infarction in men with diabetes. Ulvenstam G, et al. **Diabetes** 1985 Aug; 34(8):787–92
A population-based study of diabetes mortality. Ochi JW, et al. **Diabetes Care** 1985 May–Jun;8(3):224–9
Diabetes mortality among Chinese migrants to New York City. Gerber LM. **Hum Biol** 1984 Sep;56(3):449–58
Causes of death in Japanese diabetics. A 20-year study of death certificates. Sasaki A, et al. **J Chronic Dis** 1985; 38(8):655–61
Cause of death among diabetics in Aizu area. Kuriki A, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:645–9
Mortality and causes of death among Japanese diabetics in the Tokyo area: prospective follow-up study over four years. Mihara T, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:661–4
The features of causes of death in Japanese diabetics during the period 1971–1980. Sakamoto N, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:631–8
A long-term follow-up study of diabetic patients in Osaka, Japan: mortality and causes of death. Sasaki A, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:639–44
A community study of diabetes in a population with a high diabetes mortality rate. Shigeta Y, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:257–60
High fat diet and death rate of diabetes mellitus. Suzuki H, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:309–12
Causes of death of diabetic patients in the past 10 years and their ECG findings. Tabata Y, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:651–4
[Deaths in diabetics—forensic aspects. A retrospective study of diabetes found in forensic autopsies over a period of 25 years] Dalgaard JB, et al. **Ugeskr Laeger** 1985 Jun 10; 147(24):1955–60 (Eng. Abstr.) (Dan)
[Increased longevity following manifestations of diabetes] Schneider H, et al. **Z Arztl Fortbild (Jena)** 1985;79(1):21–2 (Ger)
[Diabetes mellitus—age specific morbidity in the district of Newbrandenburg] Schubert A. **Z Gesamte Inn Med** 1985 Apr 15;40(8):226–9 (Eng. Abstr.) (Ger)
[Diabetes mellitus in advanced age. 5: Longevity of senile diabetes patients examined in the Neustrelitz district 1962/63] Schneider H, et al. **ZFA** 1985 Jan–Feb;40(1):47–50 (Eng. Abstr.) (Ger)
[An epidemiological study of diabetes mellitus in the coastal area of the Yatsushiro Sea—sequential changes in the epidemiological characteristics of the disease] Tamashiro H, et al. **Nippon Eiseigaku Zasshi** 1985 Feb;39(6):938–48 (Eng. Abstr.) (Jpn)

NURSING

Impact of policy and procedure changes on hospital days among diabetic nursing-home residents—Colorado. **MMWR** 1984 Nov 9;33(44):621–4, 629

OCCURRENCE

Epidemiology of diabetes mellitus in Singapore: comparison with other ASEAN countries. Cheah JS, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):232–9
Diabetes mellitus in peninsular Malaysia: ethnic differences in prevalence and complications. Mustaffa BE. **Ann Acad Med Singapore** 1985 Apr;14(2):272–6
The geography of diabetes mellitus. Keen H, et al. **Br Med Bull** 1984 Oct;40(4):359–65 (72 ref.)
Asian patients with diabetes [letter] **Br Med J [Clin Res]** 1985 May 18;290(6480):1512–3
High prevalence rates of diabetes mellitus and hypertension on a North American Indian reservation [letter] Montour LT, et al. **Can Med Assoc J** 1985 May 15;132(10):1110, 1112
Epidemiologic features of diabetes mellitus among Indians in northwestern Ontario and northeastern Manitoba. Young TK, et al. **Can Med Assoc J** 1985 Apr 1;132(7):793–7
Patterns and problems of diabetes in Soweto. Gill GV, et al. **Cent Afr J Med** 1984 Oct;30(10):189–95
Antenatal screening using random blood glucose values. Lind T. **Diabetes** 1985 Jun;34 Suppl 2:17–20
Physical activity and prevalence of diabetes [letter] Jarrett

RJ. **Diabetologia** 1985 Apr;28(4):250-1

Physical activity and prevalence of diabetes in Melanesian and Indian men in Fiji. Taylor R, et al. **Diabetologia** 1984 Dec;27(6):578-82

Further evidence for the dependence of diabetes prevalence on nutrition in perinatal life. Dörner G, et al. **Exp Clin Endocrinol** 1984 Oct;84(2):129-33

Life-style diseases in aborigines [letter] Phillips M, et al. **Med J Aust** 1985 Sep 2;143(5):218

Sex differences in diabetes [letter] Orchard TJ, et al. **N Engl J Med** 1985 Jan 17;312(3):185

Diabetes prevalence in the three main ethnic groups in Surinam (South-America): a population survey. Schaad JD, et al. **Neth J Med** 1985;28(1):17-22

Diabetes mellitus [letter] Basire K, et al. **NZ Med J** 1985 Jul 24;98(783):605

Diabetes, the emerging problem in Papua New Guinea [editorial] Patel MS. **Papua New Guinea Med J** 1984 Mar;27(1):1-3

The prevalence of diabetes mellitus in a large group of South African Indians. Omar MA, et al. **S Afr Med J** 1985 Jun 8;67(23):924-6

An alternative sampling approach to the study of diabetes prevalence. Damsgaard EM, et al. **Scand J Soc Med** 1984;12(3):115-20

Epidemiology of diabetes mellitus. International symposium, Sendai City, 20-21 August 1982. **Tohoku J Exp Med** 1983 Dec;141 Suppl:1-754

Standardization of methods in the epidemiology of diabetes mellitus. Bennett PH. **Tohoku J Exp Med** 1983 Dec;141 Suppl:29-39

Environment and prevalence of diabetes in Israel. Cohen AM. **Tohoku J Exp Med** 1983 Dec;141 Suppl:745-54

Epidemiological problems in diabetes mellitus. Goto Y. **Tohoku J Exp Med** 1983 Dec;141 Suppl:1-19

A comparison between the sciences of epidemiology and statistics based on an examination of epidemiological or statistical studies on diabetes in Japan. Iibuchi Y, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:313-8

Epidemiological study of diabetes mellitus in the Hiroshima area-prevalence of diabetes mellitus and follow-up studies using the glucose tolerance test 5-19 years after initial testing. Ito C. **Tohoku J Exp Med** 1983 Dec;141 Suppl:115-8

The epidemiology of childhood diabetes mellitus in Tokyo metropolitan area. Kitagawa T, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:171-9

Prevalence of diabetes mellitus detected by 75 g GTT in Tokyo. Kitazawa Y, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:229-34

Diabetes detection survey in a rural and a semiurban community in Bangladesh. Mahtab H, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:211-7

Glucose intolerance in an employed population. Mikuni E, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:251-6

Studies on 75 g oral glucose tolerance in the inhabitants of Kumamoto Prefecture, Japan. Nakamura N, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:243-50

Epidemiology of diabetes mellitus in a referral hospital in a tropical developing country. Obel AO. **Tohoku J Exp Med** 1983 Dec;141 Suppl:207-10

Prevalence of diabetes mellitus in a rural area of Japan: by 75 g OGTT. Takashina S, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:235-41

Diabetes mellitus in Prince Edward island. Tan MH, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:301-7

An epidemiological study on diabetes mellitus in the Iwaki area. Umemura S, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:655-60

Diabetes mellitus in an urban population in Jakarta, Indonesia. Waspadji S, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:219-28

The global epidemiology of diabetes mellitus. Zimmet P. **Tohoku J Exp Med** 1983 Dec;141 Suppl:41-54

Diabetes mellitus at a rural hospital in northwestern Tanzania. Ahren B. **Trop Geogr Med** 1984 Sep;36(3):237-42

[Positive correlation between the prevalence of diabetes and higher averages wages in districts in Bohemia] Hauser F, et al. **Cesk Zdrav** 1985 Feb;33(2):55-60 (Eng. Abstr.) (Cze)

[Factors influencing drug utilization. An example in the case of antidiabetics] Fikr V, et al. **Cesk Zdrav** 1985 Jan;33(1):26-33 (Eng. Abstr.) (Fre)

[The epidemiology of diabetes-in the population of Tunis. A representative sample] Ben Khalifa F, et al. **Tunis Med** 1982 Jul-Aug;60(4):32-46 (Fre)

[Diabetic care in 3 districts of North Buda] Kozma G, et al. **Orv Hetil** 1985 Jun 23;126(25):1539-43 (Eng. Abstr.) (Hun)

[Research on pathology prevalent in old age] Javicoli R. **Clin Ter** 1984 Aug 15;110(3):259-64 (Eng. Abstr.) (Ita)

[Epidemiologic study of diabetes, hypertension and coronary disease in workers at the Servo Mihalj industrial complex in Zrenjanin] Trbojević B, et al. **Med Pregl** 1984;37(9-10):393-9 (Eng. Abstr.) (Scr)

PATHOLOGY

Are vitreous asteroid bodies associated with diabetes mellitus? Cockburn DM. **Am J Optom Physiol Opt** 1985 Jan;62(1):40-4

Diabetes-associated alterations in uterine structure in the C57BL/KsJ mouse: relationship to changes in estradiol accumulation, circulating ovarian steroid levels, and age. Garris DR. **Anat Rec** 1985 Apr;211(4):414-9

Morphometric evaluation of diabetes-associated ovarian atrophy in the C57BL/KsJ mouse: relationship to age and ovarian function. Garris DR, et al. **Anat Rec** 1985 Apr;211(4):434-43

Pathomorphologic aspects of muscular tissue in diabetes mellitus. Fischer VW, et al. **Hum Pathol** 1984 Dec;15(12):1127-36

Quantitative evaluation of the dermal vasculature of diabetics. Ajjam ZS, et al. **Q J Med** 1985 Mar;54(215):229-39

Light microscopic and electron microscopic study on morphologic features resulting in the delay of ICG elimination in diabetic and non-diabetic fatty liver. Inaba R, et al. **Tokai J Exp Clin Med** 1984 Aug;9(3):207-16

PHYSIOPATHOLOGY

Increased whole body hematocrit: venous hematocrit ratio in diabetes mellitus, evidence of microcirculatory hemoconcentration. Barosi G, et al. **Acta Diabetol Lat** 1984 Jul-Sep;21(3):257-62

Pathophysiology of insulin secretion in diabetes mellitus. Ward WK, et al. **Adv Exp Med Biol** 1985;189:137-58

Blood pressure and heart rate responses during 24-hour ambulatory monitoring and exercise in men with diabetes mellitus. Rubler S, et al. **Am J Cardiol** 1985 Mar 1;55(6):801-6

The clinical significance of the reduced capillary resistance factor in the diabetic patient. Bisantis C, et al. **Am J Ophthalmol** 1985 Jun 15;99(6):677-80

Enhanced adrenergic sensitivity of the diabetic neonatal heart. Downing SE, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):H125-31

Peripheral circulatory effects of insulin in diabetes. Takata S, et al. **Angiology** 1985 Feb;36(2):110-5

Separation of physiological factors influencing glucose-insulin kinetics in diabetic patients. Min BG, et al. **Ann Biomed Eng** 1985;13(2):195-213

Limited joint mobility in diabetes mellitus. Campbell RR, et al. **Ann Rheum Dis** 1985 Feb;44(2):93-7

Contrast sensitivity in diabetics with and without background retinopathy. Sokol S, et al. **Arch Ophthalmol** 1985 Jan;103(1):51-4

Nocturnal penile tumescence and penile responses in the waking state in diabetic and nondiabetic sexual dysfunctionals. Zuckerman M, et al. **Arch Sex Behav** 1985 Apr;14(2):109-29

Impaired contrast sensitivity in diabetic patients with and without retinopathy: a new technique for rapid assessment. Della Sala S, et al. **Br J Ophthalmol** 1985 Feb;69(2):136-42

Mydriatic drugs for diabetic patients. Huber MJ, et al. **Br J Ophthalmol** 1985 Jun 69(6):425-7

Diabetes and reactivity of isolated human saphenous vein. Cardwell RJ, et al. **Clin Physiol** 1984 Dec;4(6):509-17

Hyperglycaemia as an inducer as well as a consequence of impaired islet cell function and insulin resistance: implications for the management of diabetes. Unger RH, et al. **Diabetologia** 1985 Mar;28(3):119-21

A study of risk factors for nerve conduction abnormalities in diabetes. Laor A, et al. **Electromyogr Clin Neurophysiol** 1985 Mar-Apr;25(2-3):175-82

Assessment of insulin sensitivity in vivo. Bergman RN, et al. **Endocr Rev** 1985 Winter;6(1):45-86 (244 ref.)

Abnormal intestinal motility in diabetics with the gastroparesis syndrome. Camilleri M, et al. **Eur J Clin Invest** 1984 Dec;14(6):420-7

Alteration of beta-cell function in different diabetic states. Kanazawa Y, et al. **Exp Clin Endocrinol** 1984 Dec;84(3):346-51

Motor nerve conduction velocity and nerve polyols in mice with short-term genetic or streptozotocin-induced diabetes. Whiteley SJ, et al. **Exp Neurol** 1985 Aug;89(2):314-21

Gastric emptying of solid radiopaque markers in diabetic patients [letter] Isal JP, et al. **Gastroenterology** 1985 Apr;88(4):1094

Reaction time in clinical diabetes mellitus. Mohan M, et al. **Indian J Physiol Pharmacol** 1984 Oct-Dec;28(4):311-4

Lens transmission of blue-green light in diabetic patients as measured by autofluorophotometry. van Best JA, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):532-6

Evaluation of left ventricular function in diabetes mellitus by M mode echocardiography. Misra NP, et al. **J Assoc Physicians India** 1985 Feb;33(2):152-4

Plantar pressure measurements and the prevention of ulceration in the diabetic foot. Duckworth T, et al. **J Bone Joint Surg [Br]** 1985 Jan;67(1):79-85

Endocrine testicular function in male diabetics. Ando S, et al. **J Endocrinol Invest** 1985;8 Suppl 2:103-9

Peripheral autonomic surface potential. A quantitative technique for recording sympathetic conduction in man. Knezevic W, et al. **J Neurol Sci** 1985 Feb;67(2):239-51

Rumpel-Leede sign associated with a noninvasive ambulatory blood pressure monitor [letter] Eichner HL. **JAMA** 1985 Jul 26;254(4):506

Echocardiographic picture in diabetes mellitus. Gregor P, et al. **Jpn Heart J** 1984 Nov;25(6):969-77

Diabetes mellitus and insulin receptors. Krans HM. **Neth J Med** 1985;28(2):59-62 (27 ref.)

Electrophysiologic quantification of distal polyneuropathy in diabetes. Odusote K, et al. **Neurology** 1985 Oct;35(10):1432-7

Intraocular pressure in diabetic persons. Klein BE, et al. **Ophthalmology** 1984 Nov;91(11):1356-60

Non-invasive cardiac study in diabetic Nigerians using systolic time intervals. Famuyiwa OO, et al. **Trop Geogr Med** 1985 Jun;37(2):143-9

Erectile dysfunction in diabetes and hypertension. Newman HF, et al. **Urology** 1985 Aug;26(2):135-7

[Changes in heart rate variation and heart rate in diabetic patients—a discussion on its pathogenesis] Gu DS. **Chung Hua Nei Ko Tsa Chih** 1984 Jun;23(6):368-71, 399 (Eng. Abstr.) (Chi)

[Insulin resistance. Physiopathological and biochemical aspects] Freychet P. **Ann Endocrinol (Paris)** 1984;45(2):107-14 (Eng. Abstr.) (Fre)

[Changes in gastrointestinal motility in the diabetic] Sambin P. **Ann Gastroenterol Hepatol (Paris)** 1985 May 28;21(2 Pt 2):13-4 (Eng. Abstr.) (Fre)

[The natural history of diabetes with respect to disorders of insulin function] Dorner M, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:51-71 (88 ref.) (Fre)

[How is diabetic nutrition understood in 1984?] Mirouze J, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:209-22 (44 ref.) (Fre)

[The islets of Langerhans as important in 1984 as in 1960: a few personal remarks of appreciation] Renold AE. **Journ Annu Diabetol Hotel Dieu** 1984;:7-12 (Fre)

[Functional interrelations of the islets] Unger RH. **Journ Annu Diabetol Hotel Dieu** 1984;:21-8 (Fre)

[Endothelial cells and adhesion of red cells in diabetes and sickle cell anemia. Quantitative and qualitative aspects] Wautier JL, et al. **Nouv Rev Fr Hematol** 1984;26(6):379-85 (Eng. Abstr.) (Fre)

[Facial vasomotor flushing due to alcohol-chlorpropamide. Prevalence in diabetic and non-diabetic patients] Guillausseau PJ, et al. **Rev Med Interne** 1984 Sep;5(3):212-6 (Eng. Abstr.) (Fre)

[Existence of asymptomatic changes in left ventricular function in the diabetic. Noninvasive study] Sachs RN, et al. **Rev Med Interne** 1985 Jan;6(1):68-76 (Eng. Abstr.) (Fre)

[Frequency of flicker stimulus-dependent pupillary oscillation in diabetics] Alexandridis E, et al. **Fortschr Ophthalmol** 1985;82(2):187-8 (Eng. Abstr.) (Ger)

[Changes in the permeability of the vascular wall in hyperlipoproteinemia and diabetes mellitus] Romics L, et al. **Orv Hetil** 1985 Jan 27;126(4):193-6 (Eng. Abstr.) (Hun)

[Influence of metabolic equilibrium on erythrocyte deformability in diabetes mellitus] Stufano N, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1853-8 (Eng. Abstr.) (Ita)

[Polygraphic evaluation of left ventricular function after the ergometric test in diabetics] Montemurro G, et al. **Boll Soc Ital Cardiol** 1983 Oct;28(10):877-82 (Eng. Abstr.) (Ita)

[Polygraphic evaluation after ergometric test of left ventricular function in diabetics] Montemurro G, et al. **Boll Soc Ital Cardiol** 1983 Oct;28(10):877-82 (Eng. Abstr.) (Ita)

[Cardiovascular response to exercise in subjects with reduced glucose tolerance] Ferrante MR, et al. **Cardiologia** 1984 Dec;29(12):661-9 (Eng. Abstr.) (Ita)

[Ballistometric study on diabetic skin] Compagno G, et al. **G Ital Dermatol Venereol** 1984 Jan-Feb;119(1):45-8 (Eng. Abstr.) (Ita)

[Prostaglandins and glucose metabolism. Effect of acetylsalicylic acid] Testa I, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):287-92 (Eng. Abstr.) (Ita)

[Changes in the salivary pH of diabetics. A clinico-statistical comparison with a normal population] Borgogna E, et al. **Minerva Stomatol** 1985 Jan-Feb;34(1):69-73 (Eng. Abstr.) (Ita)

[A multicenter study on blood filterability in normal subjects and patients with ischemic vascular disease and diabetes mellitus (preliminary results). Italian Society of Hemorheology Clinical Study Groups] Carandente O, et al. **Ric Clin Lab** 1985;15 Suppl 1:631-41 (Ita)

[Endocrine function and aging—diabetes as a model for aging] Ito H, et al. **Nippon Ronen Igakkai Zasshi** 1984 Jul;21(4):328-32 (Eng. Abstr.) (Jpn)

[Effects of dietary fiber on the bowel function of patients with diabetes mellitus] Nakamura T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):1955-61 (Eng. Abstr.) (Jpn)

[Study of the peripheral nervous system in diabetes mellitus using the F-wave] Drozdowski W. **Pol Tyg Lek** 1984 Dec 3;39(49):1597-600 (Eng. Abstr.) (Pol)

[Characteristics of the action of non-narcotic analgesics in diabetics] Komendantova MV, et al. **Farmakol Toksikol** 1985 May-Jun;48(3):25-9 (Eng. Abstr.) (Rus)

[Mechanisms of disorders of gastrointestinal function in diabetes mellitus] Genes VS, et al. **Fiziol Zh** 1985 Mar-Apr;31(2):202-12 (Rus)

[Ratio of somatostatin-glucagon secretion in diabetes mellitus] Kostiuk EP. **Fiziol Zh** 1985 Mar-Apr;31(2):195-201 (Eng. Abstr.) (Rus)

[Central hemodynamics, effectiveness of endocardial blood flow and general physical work capacity in impaired glucose tolerance and diabetes mellitus] Kolomolskaia MP, et al. **Probl Endokrinol (Mosk)** 1984 Nov–Dec;30(6):7–10 (Eng. Abstr.) (Rus)

[Functional state of the cardiovascular system in diabetes mellitus] Kogan BM, et al. **Sov Med** 1985;(4):76–9 (Rus)

[Evaluation of the photon correlation method of measuring skin blood flow and its use in the diagnosis of microcirculation disorders in patients with diabetes mellitus] Mazovetskii AG, et al. **Ter Arkh** 1984;56(8):140–3 (Eng. Abstr.) (Rus)

[Bile secretion in patients with diabetes mellitus] Splavskii OI. **Vrach Delo** 1985 Mar;(3):97–9 (Eng. Abstr.) (Rus)

[Changes in ventricular function in diabetes mellitus. Relation to the duration of the diabetes and its complications] Frati AC, et al. **Arch Inst Cardiol Mex** 1985 Mar–Apr; 55(2):133–9 (Eng. Abstr.) (Spa)

PREVENTION & CONTROL

Screening for gestational diabetes—analysis by screening criteria. Reed BD. **J Fam Pract** 1984 Dec;19(6):751–5

Relation between control of diabetes and gingival bleeding. Ervasti T, et al. **J Periodontol** 1985 Mar;56(3):154–7

A randomized, controlled study on the effect of diabetes counseling in the offices of 12 general practitioners. Werdier D, et al. **Rev Epidemiol Sante Publique** 1984; 32(3–4):225–9

[Diabetes control under occupational conditions] Petzoldt R, et al. **Dtsch Med Wochenschr** 1985 Mar 1;110(9):323–8 (Eng. Abstr.) (Ger)

[Management of complications of steroid therapy] Hara M, et al. **Nippon Rinsho** 1984 Nov;42(11):2516–9 (5 ref.) (Jpn)

[Prevention of diabetes mellitus] Talantov VV. **Sov Med** 1983;(1):44–7 (Rus)

PSYCHOLOGY

The diabetic with a diabetic parent. Kirk CR, et al. **Arch Dis Child** 1985 Jun;60(6):572–3

How patients manage diabetes [letter] Burnet R, et al. **Diabetes Care** 1984 Nov–Dec;7(6):609–10

Regimen adherence: a problematic construct in diabetes research [editorial] Glasgow RE, et al. **Diabetes Care** 1985 May–Jun;8(3):300–1

Modeling psychosocial effects on glucose control [letter] Peyrot M. **Diabetes Care** 1985 May–Jun;8(3):305–6

Group therapy in the treatment of diabetes. Tattersall RB, et al. **Diabetes Care** 1985 Mar–Apr;8(2):180–8 (65 ref.)

Knowledge of diabetes and glaucoma in a rural North Carolina community. Michielutte R, et al. **J Community Health** 1984 Summer;9(4):269–84

Coping behaviors of severe diabetics. Sinzato R, et al. **Psychother Psychosom** 1985;43(4):219–26

Hypertension, perceived clinician empathy, and patient self-disclosure. Dawson C. **Res Nurs Health** 1985 Jun; 8(2):191–8

[The diabetic and his psychological dimension] Harter M, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:287–306 (201 ref.) (Fre)

[Stress in the life of Nigerian diabetics] Ebigbo PO, et al. **Z Psychosom Med Psychoanal** 1985;31(3):267–83 (Eng. Abstr.) (Ger)

[Possibility of psychogenesis in metabolic disorders] Knežević A. **Med Pregl** 1984;37(11–12):559–60 (Eng. Abstr.) (Ser)

[Medico-psychological approach to families with chronic patients] Kornblit A, et al. **Acta Psiquiatr Psicol Am Lat** 1983 Mar;29(1):67–71 (Eng. Abstr.) (Spa)

RADIOGRAPHY

The need for arteriography in diabetic patients with gangrene and palpable foot pulses. Andros G, et al. **Arch Surg** 1984 Nov;119(11):1260–3

REHABILITATION

[Recommendations on the counseling of diabetics on the choice of career and occupational performance] Petrides P. **Dtsch Med Wochenschr** 1984 Sep 28;109(39):1499–501 (Ger)

THERAPY

Exercise treatment in diabetes mellitus. Björntorp P, et al. **Acta Med Scand** 1985;217(1):3–7 (22 ref.)

One hundred pancreas transplants at a single institution. Sutherland DE, et al. **Ann Surg** 1984 Oct;200(4):414–40

Advances in management of diabetes mellitus. Zárate A, et al. **Arch Invest Med (Mex)** 1984 Jul–Sep;15(3):187–91 (Eng, Spa)

Outpatient stabilisation program. An innovative approach in the management of diabetes in a large teaching hospital. Hoskings PH, et al. **Aust Clin Rev** 1984 Dec;(15):8–11

A systems perspective on clinical management. Taylor TR, et al. **Behav Sci** 1984 Oct;29(4):233–47

Diabetes care: whose responsibility? [editorial] Home P, et al. **Br Med J [Clin Res]** 1984 Sep 22;289(6447):713–4

Metabolic control of diabetes in general practice clinics: comparison with a hospital clinic. Singh BM, et al. **Br Med J [Clin Res]** 1984 Sep 22;289(6447):726–8

Syringes for diabetics [letter] Smith K, et al. **Br Med J [Clin Res]** 1985 Apr 27;290(6477):1286–7

Diabetes care: whose responsibility? Tasker PR. **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1632

Therapy of exocrine and endocrine pancreatic insufficiency. Lankisch PG, et al. **Clin Gastroenterol** 1984 Sep; 13(3):985–99 (92 ref.)

The 'dawn phenomenon': how do we treat it? [letter] Bernstein RK. **Diabetes Care** 1985 Jan–Feb;8(1):100–1

Microcomputers in diabetes management and education [letter] Carlini M, et al. **Diabetes Care** 1985 Mar–Apr; 8(2):195

The compliance of diabetic patients: relationship between subjective assessment by physicians and objective measurement of patient performance. Yue DK, et al. **Diabetes Res** 1984 May;1(1):39–43

Report of the third workshop of the EASD study group on artificial insulin delivery systems, pancreas and islet transplantation (AIDSPIT). 5–7 February 1984, Igls, Austria. Pfeiffer EF. **Diabetologia** 1984 Dec;27(6):607–8

Diabetes in the elderly—a neglected area? Tattersall RB. **Diabetologia** 1984 Aug;27(2):167–73 (47 ref.)

Utilisation of traditional treatment among Ethiopian diabetics. Abdulkadir J. **Ethiop Med J** 1985 Jul;23(3):117–21

Diabetes mellitus. Froom J. **Fam Pract** 1984 Mar;1(1):52–66 (158 ref.)

Follow up of 318 cases of diabetes mellitus. Patel JC, et al. **Indian J Med Sci** 1984 Jun;38(6):103–8

Certification of outpatient diabetes education programs. **Iowa Med** 1985 Jan;75(1):32–4

James Grant Thompson memorial lecture. Diabetes mellitus: what form will a cure take? Gorden P. **J Miss State Med Assoc** 1985 Apr;26(4):99–102

Glycaemic control and prevention of complications. Pirart J. **Minerva Endocrinol** 1984 Apr–Jun;9(2):55–8

A specialized unit for patients with diabetes mellitus. Davis ED. **NC Med J** 1984 Sep;45(9):576–8

Typing of human fetal organs for the histocompatibility antigens A, B and DR. Tuch BE, et al. **Pathology** 1985 Jan;17(1):57–61

Insulin pump therapy. Rationale and principles of use. Horwitz DL. **Postgrad Med** 1984 Dec;76(8):80–4

Third-party coverage for diabetes education program. Schwartz R, et al. **QRB** 1985 Jul;11(7):213–7

Health care for diabetics: activities in the developing countries from 1979 to 1982. Skrabalo Z. **Tohoku J Exp Med** 1983 Dec;141 Suppl:55–63

Pancreas transplants from related donors. Sutherland DE, et al. **Transplantation** 1984 Dec;38(6):625–33

[The diabetes compensation index and its changes during spa therapy] Sadílek L, et al. **Bratisl Lek Listy** 1984 Sep; 82(3):1129–33 (Eng. Abstr.) (Cze)

[20 years of integrated care of diabetics in Czechoslovakia] Dub O. **Cas Lek Cesk** 1985 Aug 16;124(33):1025–7 (Eng. Abstr.) (Cze)

[The diabetic regimen in the light of new findings in the therapy of diabetes] Páv J. **Cas Lek Cesk** 1984 Jun 29; 123(26):790–3 (Eng. Abstr.) (Cze)

[Diabetic autonomic neuropathy in candidates for emergency and prospective pancreatic transplantation] Sroňková H, et al. **Cas Lek Cesk** 1985 Jun 21;124(25):791–4 (Eng. Abstr.) (Cze)

[The care of diabetics] Bøttger SC. **Ugeskr Laeger** 1985 Jun 10;147(24):1961–2 (Dan)

[Diabetes mellitus 60 years after the start of treatment with insulin] Doorenbos H. **Ned Tijdschr Geneeskd** 1984 Nov 17;128(46):2188–91 (Dut)

[Pedagogy and diabetes [editorial] Berger W, et al. **Diabete Metab** 1985 Feb;11(1):1–2 (Fre)

[Teaching of diabetics: evaluation of the questions put to patients by health care personnel and the usefulness of a pedagogic analysis] Damoiseaux P, et al. **Diabete Metab** 1985 Feb;11(1):9–14 (Eng. Abstr.) (Fre)

[Teaching patients about their illness and its treatment. A therapeutic success, a medical failure] Assal JP, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:193–207 (15 ref.) (Fre)

[Presentation of a system for computer-aided decision in diabetes therapeutics] Botti G, et al. **Pathol Biol (Paris)** 1985 Feb;33(2):101–6 (Eng. Abstr.) (Fre)

[Intensive insulin therapy with reference to portable insulin infusion devices] Sauer H. **Dtsch Med Wochenschr** 1985 Jun 7;110(23):925–8 (Ger)

[A combination of glycosylated hemoglobin and fasting blood glucose testing is necessary for the management of diabetics] Nunoi K. **Fukuoka Igaku Zasshi** 1984 May; 75(5):283–90 (Eng. Abstr.) (Jpn)

[Clinical study on therapeutic plasmapheresis—mechanism of its efficacy, indications, and the clinical application. j. Endocrine diseases] Kishino B, et al. **Nippon Rinsho** 1984 Aug;42(8):1905–7 (Jpn)

[Patient education in the treatment of diabetes mellitus] Podgórski G, et al. **Pol Tyg Lek** 1984 Dec 3;39(49):1629–33 (Pol)

[Effect of various methods of treating patients with the diabetic type of glucose tolerance] Baranov VG, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):3–6 (Eng. Abstr.) (Rus)

[Results of step-by-step clinico-sanatorium treatment of patients with diabetes mellitus] Korotkova VD, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar–Apr; (2):34–7 (Eng. Abstr.) (Rus)

URINE

Different types of proteinuria in diabetes mellitus. Miltényi M, et al. **Acta Paediatr Hung** 1984;25(1–2):131–7

Determination of glucosuria, an obsolete form of self-monitoring in diabetes? Ludvigsson J. **Diabetes Res** 1984 Nov;1(4):213–7

Urine albumin excretion in diabetics [letter] Davies AG, et al. **Lancet** 1985 Feb 23;1(8426):466–7

[Excretion of free and bound catecholamines in the urine of diabetes mellitus patients] Vakov L, et al. **Vutr Boles** 1984;23(4):72–9 (Eng. Abstr.) (Bul)

[Urinary excretion of free cortisol in diabetics] Vakov L, et al. **Vutr Boles** 1984;23(5):91–5 (Eng. Abstr.) (Bul)

[Clinical significance of the urinary calcium ion in diabetes mellitus] He XQ. **Chung Hua Nei Ko Tsa Chih** 1984 Aug; 23(8):477–9, 525 (Eng. Abstr.) (Chi)

[Changes in microquantitative proteinuria in diabetes mellitus patients after exercise test] Qiu CL. **Chung Hua Nei Ko Tsa Chih** 1984 Aug;23(8):465–8, 524 (Eng. Abstr.) (Chi)

[Urinary excretion of 3-methylhistidine. Value and application to the study of protein catabolism] Richard JL, et al. **Presse Med** 1985 Jan 19;14(2):91–4 (Eng. Abstr.) (Fre)

[Practical experiences in the accomplishment of metabolic self-control in diabetics] Gottschling HD, et al. **Z Med Lab Diagn** 1984;25(6):316–22 (Eng. Abstr.) (Ger)

[Clinical studies on urinary micro protein assay in healthy subjects and diabetic patients] Iimura Y, et al. **Rinsho Byori** 1984 Nov;32(11):1225–9 (Jpn)

VETERINARY

Furosemide and diabetes mellitus [letter] Cosenza SF. **J Am Vet Med Assoc** 1984 Dec 15;185(12):1480

Diabetes mellitus and abdominal adenocarcinoma in a jaguar receiving megestrol acetate. Kollias GV Jr, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1383–6

Spontaneous diabetes mellitus in a captive golden-mantled ground squirrel, Spermophilus lateralis (Say). Heidt GA, et al. **J Wildl Dis** 1984 Jul;20(3):253–5

A new diabetic strain of rat (WBN/Kob). Tsuchitani M, et al. **Lab Anim** 1985 Jul;19(3):200–7

Current concepts on the control of diabetes mellitus. Chastain CB, et al. **Vet Clin North Am [Small Anim Pract]** 1984 Jul;14(4):859–72 (42 ref.)

Diabetes mellitus associated with other endocrine disorders. Eigenmann JE, et al. **Vet Clin North Am [Small Anim Pract]** 1984 Jul; 14(4):837–58 (46 ref.)

Autoantibodies to pancreatic islet cells in canine diabetes mellitus. Haines DM, et al. **Vet Immunol Immunopathol** 1985 Jan;8(1–2):149–56

High dose intravenous glucose tolerance test and serum insulin and glucagon levels in diabetic and non-diabetic cats: relationships to insular amyloidosis. O'Brien TD, et al. **Vet Pathol** 1985 May;22(3):250–61

Diabetes mellitus in a budgerigar (Melopsittacus undulatus). Appleby RC. **Vet Rec** 1984 Dec 22–29;115(25–26):652–3

[Glucose tolerance and insulin response in dogs with spontaneous diabetes, obesity and following prolonged fasting] Mattheeuws D, et al. **Verh K Acad Geneeskd Belg** 1984;46(6):441–62 (Eng. Abstr.) (Dut)

DIABETES MELLITUS, ADULT ONSET see DIABETES MELLITUS, NON-INSULIN-DEPENDENT

DIABETES MELLITUS, BRITTLE see DIABETES MELLITUS, INSULIN-DEPENDENT

DIABETES MELLITUS, EXPERIMENTAL

Effects of maternal streptozotocin-diabetes on fetal growth, energy reserves and body composition of newborn pigs. Ezekwe MO, et al. **J Anim Sci** 1984 Oct;59(4):974–80

[Various aspects of the management and reproduction of spontaneously diabetic BB rats] Klöting I, et al. **Z Versuchstierkd** 1985;27(1):5–11 (Eng. Abstr.) (Ger)

BLOOD

Glycosylated albumin and serum protein in diabetic dogs. Mahaffey EA, et al. **Am J Vet Res** 1984 Oct;45(10):2126–8

Atherosclerosis and myocardial ischemic lesions in alloxan-diabetic rabbits fed a low cholesterol diet. Miller RA, et al. **Arteriosclerosis** 1984 Nov–Dec;4(6):586–91

Erythrocyte sialic acid alterations in experimental diabetes. Gavella M, et al. **Cell Mol Biol** 1985;31(2):75–80

Altered methionine metabolism in streptozotocin-diabetic rats. Glanville NT, et al. **Diabetologia** 1984 Oct; 27(4):468–71

Insulin and glucagon in spontaneously diabetic non-obese mice. Ohneda A, et al. **Diabetologia** 1984 Oct;27(4):460–3

Aldosterone responses to angiotensin II, adrenocorticotropin, and potassium in chronic experimental diabetes mellitus in rats. Hayashi M, et al. **Endocrinology** 1984 Dec; 115(6):2205–9

1,25-Dihydroxyvitamin D and vitamin D-binding protein are both decreased in streptozotocin-diabetic rats. Nyomba BL, et al. **Endocrinology** 1985 Jun;116(6):2483–8

Diurnal variations of plasma growth hormone, thyrotropin, thyroxine, and triiodothyronine in streptozotocin-diabetic and food-restricted rats. Ortiz-Caro J, et al. **Endocrinology** 1984 Dec;115(6):2227-32

Daily glucose and insulin rhythms in diabetic dogs on the artificial beta cell. Fischer U, et al. **Exp Clin Endocrinol** 1985 Feb;85(1):27-37

Changes in plasma histamine concentration in the streptozotocin-diabetic rat. Hollis TM, et al. **Exp Mol Pathol** 1985 Aug;43(1):90-6

Amino acids in normal and diabetic ducks. Laurent F, et al. **Horm Metab Res** 1985 May;17(5):223-5

Osmotic resistance of rat erythrocytes in hyperinsulinism and streptozotocin-diabetes as compared with cholesterol and sialic acid contents of erythrocyte ghosts. Sosin D, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:89-91

Plasma lipoproteins in streptozotocin-diabetic rats, after Triton WR-1339 treatment. Takahashi K, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:82-4

Reciprocal changes of plasma apo AI and apo E levels in streptozotocin-induced diabetic rats. Yamada N, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:85-8

Nutrition and somatomedin--XII. Fractionation of somatomedins and somatomedin inhibitors in normal and diabetic rats. Phillips LS, et al. **Int J Biochem** 1985;17(5):597-603

Effects of glucose and serum from streptozotocin-diabetic and nondiabetic rats on the in vitro development of preimplantation mouse embryos. Zusman I, et al. **Isr J Med Sci** 1985 Apr;21(4):359-65

Contractile activity increases glucose uptake by muscle in severely diabetic rats. Wallberg-Henriksson H, et al. **J Appl Physiol** 1984 Oct;57(4):1045-9

Sorbitol determination by liquid chromatography: application to red blood cells of diabetic rats. Akanuma H, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):579-88

Lipoprotein composition as a component in the lipoprotein clearance defect in experimental diabetes. O'Looney P, et al. **J Biol Chem** 1985 Jan 10;260(1):428-32

Effect of insulin treatment in streptozocin-induced diabetic rats on in vitro platelet function and plasma von Willebrand factor activity and factor VIII-related antigen. Winocour PD, et al. **J Lab Clin Med** 1985 Sep;106(3):319-25

Serum lipids and lipoprotein composition in spontaneously diabetic BB Wistar rats. Patel ST, et al. **J Lipid Res** 1984 Oct;25(10):1072-83

Effect of fasting on the composition of plasma lipoproteins in cholesterol-fed diabetic rabbits. Van Sickle WA, et al. **J Lipid Res** 1985 Apr;26(4):442-50

Kinetics of drug action in disease states. VI. Effect of experimental diabetes on phenobarbital concentrations in rats at onset of loss of righting reflex. Danhof M, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):435-8

Effect of exogenous insulin on glucose kinetics in rats with noninsulin-dependent diabetes. Kergoat M, et al. **Metabolism** 1985 Apr;34(4):377-82

Nutrition and somatomedin. XIV. Altered levels of somatomedins and somatomedin inhibitors in rats with streptozotocin-induced diabetes. Phillips LS, et al. **Metabolism** 1985 Aug;34(8):765-70

Plasma prostaglandin levels and circulating fuel levels in rats with diabetic ketoacidosis: effects of cyclooxygenase inhibitors and of alpha and beta adrenergic blockade. Axelrod L, et al. **Prostaglandins** 1984 Sep;28(3):333-52

Elevation of plasma high density lipoprotein-cholesterol in spontaneously diabetic Chinese hamsters. Eto M, et al. **Tohoku J Exp Med** 1984 Nov;144(3):281-90

Induced hyperglycemia protects against mercury nephrotoxicity in the rat. Shyh TP, et al. **Trans Am Soc Artif Intern Organs** 1984;30:260-3

[Effect of xao-ke-zheng fang on blood sugar levels of alloxan diabetic rabbits] Meng QD. **Chung Yao Tung Pao** 1984 Nov;9(6):33-4 **(Chi)**

[Age-related characteristics of lipid peroxidation in the blood in alloxan diabetes] Gatsko GG, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):68-70 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

Reduced and S-carboxymethylated human growth hormone: a probe for diabetogenic action. Cameron CM, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E639-44

Trypsin-resistant forms of human growth hormone have diabetogenic and insulin-like activities Cameron CM, et al. **Biochim Biophys Acta** 1985 Sep 6;841(3):254-60

L-Asparaginase diabetes mellitus in rabbits: differing effects of two different schedules of L-asparaginase administration. Lavine RL, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:92-6

Cyclosporin enhances diabetes induced by low-dose streptozotocin treatment in mice. Sestier C, et al. **Immunol Lett** 1985;10(1):57-60

Effects of diazoxide-induced reversible diabetes on chemically induced autochthonous mammary carcinomas in Sprague-Dawley rats. Berger MR, et al. **Int J Cancer** 1985 Mar 15;35(3):395-401

Rat pancreatic beta-cells in protein deficiency: a study involving morphometric analysis and alloxan effect. Dixit PK, et al. **J Nutr** 1985 Mar;115(3):375-81

Mechanism of action of diabetogenic zinc-chelating agents. Model system studies. Epand RM, et al. **Mol Pharmacol** 1985 Mar;27(3):366-74

Biosynthetic 20-kilodalton methionyl-human growth hormone has diabetogenic and insulin-like activities. Kostyo JL, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4250-3

COMPLICATIONS

Role of small intestine in pathogenesis of hyperlipidemia in diabetic rats. Popper DA, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G161-7

Development of a cardiomyopathy in a model of noninsulin-dependent diabetes. Schaffer SW, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):H179-85

Metabolically determined teratogenesis: malformations and maternal diabetes. Eriksson UJ, et al. **Biochem Soc Trans** 1985 Feb;13(1):79-82

Cardiac cell damage: a primary myocardial disease in streptozotocin-induced chronic diabetes. Seager MJ, et al. **Br J Exp Pathol** 1984 Oct;65(5):613-23

Sarcolemmal phosphatidylethanolamine N-methylation in diabetic cardiomyopathy. Ganguly PK, et al. **Circ Res** 1984 Oct;55(4):504-12

Reversal of diabetic cataract by sorbinil, an aldose reductase inhibitor. Beyer-Mears A, et al. **Diabetes** 1985 Jan;34(1):15-21

Effects of a fructose-rich diet and the aldose reductase inhibitor, ONO-2235, on the development of diabetic neuropathy in streptozotocin-treated rats. Hotta N, et al. **Diabetologia** 1985 Mar;28(3):176-80

Hypertension in experimental diabetes mellitus. Renin-prostaglandin interaction. Katayama S, et al. **Hypertension** 1985 Jul-Aug;7(4):554-61

Therapeutic efficacy of beta-lactam and aminoglycoside antibiotics on experimental pneumonia caused by Klebsiella pneumoniae B-54 in diabetic mice. Obana Y, et al. **J Antibiot (Tokyo)** 1985 Jul;38(7):941-7

Effect of insulin treatment on the susceptibility of the diabetic rat to Escherichia coli-induced pyelonephritis. Levison ME, et al. **J Infect Dis** 1984 Oct;150(4):554-60

Evaluation of the contribution of dietary cholesterol to hypercholesterolemia in diabetic rats and of sitosterol as a recovery standard for cholesterol absorption. Young NL, et al. **J Lipid Res** 1985 Jan;26(1):62-9

Cholinergic supersensitivity and decreased number of muscarinic receptors in atria from short-term diabetic rats. Carrier GO, et al. **J Mol Cell Cardiol** 1984 Oct;16(10):963-5

Influence of the diabetic state on isoproterenol-induced cardiac necrosis. el-Hage AN, et al. **J Mol Cell Cardiol** 1985 Apr;17(4):361-9

Effects of experimental diabetes mellitus on alveolar bone loss in periodontal disease-susceptible mice. Johnson RB. **J Periodont Res** 1985 May;20(3):307-16

Effects of aldose reductase inhibitor on retinal microangiopathy in streptozotocin-diabetic rats. Kojima K, et al. **Jpn J Ophthalmol** 1985;29(1):99-109

Antibacterial efficacy of norfloxacin, trimethoprim-sulfamethoxazole, and gentamicin in experimentally-infected normal and streptozotocin-induced diabetic mice. Fromtling RA, et al. **Methods Find Exp Clin Pharmacol** 1984 Dec;6(12):731-5

Morphometric studies on retinal microangiopathy and myocardiopathy in hypertensive rats (SHR) with induced diabetes. Flückiger W, et al. **Virchows Arch [Cell Pathol]** 1984;47(1):79-94

[Experimental diabetes mellitus. A. Clinico-morphological examination of the crystalline lens of rats after transplantation of isolated islands of Langerhans] Pankowska B, et al. **Klin Oczna** 1984 May;86(5):187-90 (Eng. Abstr.) **(Pol)**

DIET THERAPY

Dietary self-selection patterns of rats with mild diabetes. Tepper BJ, et al. **J Nutr** 1985 Jun;115(6):699-709

DRUG THERAPY

Diabetic cardiomyopathy in rats: mechanical and biochemical response to different insulin doses. Fein FS, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H817-23

Selective insulinization of liver in conscious diabetic dogs. Spangler RS. **Am J Physiol** 1985 Aug;249(2 Pt 1):E152-9

Prevention of the metabolic effects of 2-tetradecylglycidate by octanoic acid in the genetically diabetic mouse (db/db). Lee SM, et al. **Biochem Med** 1985 Feb;33(1):104-9

Modification of fatty acid composition in adipocyte plasma membranes by an oral treatment with a new antidiabetic agent, AS-6, in genetically obese diabetic mice, db/db. Hosokawa T, et al. **Biochim Biophys Acta** 1985 Mar 27;834(1):130-3

Assessment of the antidiabetic activity of epicatechin in streptozotocin-diabetic and spontaneously diabetic BB/E rats. Bone AJ, et al. **Biosci Rep** 1985 Mar;5(3):215-21

Studies on the mechanism of the hypoglycemic activity of ginsenoside-Rb2 in streptozotocin-diabetic rats. Yokozawa T, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):869-72

Reversal of D- and A-cell insensitivity to glucose in alloxan-diabetic dogs by treatment with the artificial beta cell (Biostator). Hermansen K, et al. **Diabetes** 1985 Mar;34(3):260-6

An ascochlorin derivative, AS-6, reduces insulin resistance in the genetically obese diabetic mouse, db/db. Hosokawa T, et al. **Diabetes** 1985 Mar;34(3):267-74

The entrapment of biological active substances into liposomes. II. Effects of oral administration of liposomally entrapped insulin in normal and alloxanized rats. Dobre V, et al. **Endocrinologie** 1984 Oct-Dec;22(4):253-60

Reversal of deficits in axonal transport and nerve conduction velocity by treatment of streptozotocin-diabetic rats with myo-inositol. Tomlinson DR, et al. **Exp Neurol** 1985 Aug;89(2):420-7

Effect of insulin treatment on long-term diabetes-induced alteration of myocardial function. Tahiliani AG, et al. **Gen Pharmacol** 1984;15(6):545-7

Effects of insulin treatment on ketone body production and carnitine-palmitoyl-transferase (CPT) activity in the isolated perfused liver from streptozotocin diabetic rats. Tessari P, et al. **Horm Metab Res** 1985 Jun;17(6):271-4

Hypoglycemic and life-prolonging properties of Gymnema sylvestre leaf extract in diabetic rats. Srivastava Y, et al. **Isr J Med Sci** 1985 Jun;21(6):540-2

Anti-hyperglycaemic effect of an extract of Myrtus communis in streptozotocin-induced diabetes in mice. Elfellah MS, et al. **J Ethnopharmacol** 1984 Aug;11(3):275-81

The effect of insulin treatment on myelinated nerve fibre maturation and integrity and on body growth in streptozotocin-diabetic rats. Sharma AK, et al. **J Neurol Sci** 1985 Mar;67(3):285-97

Study of anti diabetic effect of a compound medicinal plant prescription in normal and diabetic rabbits. Akhtar MS, et al. **JPMA** 1984 Aug;34(8):239-44

6-Oxo-prostaglandin E1 hypoglycemic effect in mice. Ali AE, et al. **Jpn J Pharmacol** 1984 Nov;36(3):413-5

The artificial beta cell: differential effects of portal (PO.) or peripheral (PE.) venous insulin infusions on alanine metabolism. Abel P, et al. **Life Support Syst** 1984 Oct-Dec;2(4):290-3

Study of hypoglycaemic activity of Cuminum nigrum seeds in normal and alloxan diabetic rabbits. Akhtar MS, et al. **Planta Med** 1985 Apr;(2):81-5

Correction of hyperglycemia with phloridzin restores the glucagon response to glucose in insulin-deficient dogs: implications for human diabetes. Starke A, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1544-6

[Current problems in the treatment of diabetes mellitus with biguanides (review of the literature and personal data)] Limanskaia GF, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):84-7 (55 ref.) **(Rus)**

ENZYMOLOGY

Methyl palmoxirate increases Ca2+-myosin ATPase activity and changes myosin isoenzyme distribution in the diabetic rat heart. Dillmann WH. **Am J Physiol** 1985 May;248(5 Pt 1):E602-6

Fasting and diabetes alter adipose tissue glycogen synthase. Kaslow HR, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E581-4

Spin state studies on cytochrome P-450 in liver microsomes from obese and diabetic animals. Rouer E, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):615-21

Effects of diet and of alloxan-diabetes on the activity of branched-chain 2-oxo acid dehydrogenase complex and of activator protein in rat tissues. Patston PA, et al. **Biochem J** 1984 Sep 15;222(3):711-9

The role of tryptophan 2,3-dioxygenase in the hormonal control of tryptophan metabolism in isolated rat liver cells. Effects of glucocorticoids and experimental diabetes. Salter M, et al. **Biochem J** 1985 Jul 15;229(2):499-504

Glucuronic acid conjugation by hepatic microsomal fractions isolated from streptozotocin-induced diabetic rats. Morrison MH, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3833-8

Streptozotocin-induced diabetes and hormone sensitivity of adenylate cyclase in rat myocardial sarcolemma, aorta and liver. Srivastava AK, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):2013-7

Metabolic zonation in liver of diabetic rats. Zonal distribution of phosphoenolpyruvate carboxykinase, pyruvate kinase, glucose-6-phosphatase and succinate dehydrogenase. Miethke H, et al. **Biol Chem Hoppe Seyler** 1985 May;366(5):493-501

Dopamine-stimulated adenylate cyclase and tyrosine hydroxylase in diabetic rat retina. Northington FK, et al. **Brain Res** 1985 Jun 24;337(1):151-4

Decreased phosphofructokinase activity in skeletal muscle of diabetic rats. Bauer BA, et al. **Clin Physiol Biochem** 1984;2(4):137-45

Increased activity of testosterone hydroxylases in liver microsomes of diabetic rats treated with insulin. del Villar E, et al. **Comp Biochem Physiol [B]** 1985;81(3):691-4

Effect of diabetic hyperglycemia and other sugars on plasma dopamine-beta-hydroxylase activity. Muñoz A, et al. **Diabetes** 1984 Dec;33(12):1127-32

Changes in the activity of 'active' pyruvate dehydrogenase complex in the newborn of normal and diabetic rats. Chitra CI, et al. **Diabetologia** 1985 Mar;28(3):148-52

Sodium-potassium-ATPase activity in the dorsal root ganglia of rats with streptozotocin-induced diabetes. Green RJ, et al. **Diabetologia** 1985 Feb;28(2):104-7

Sorbitol dehydrogenase deficiency in several pig tissues: potential implications for studies of experimental diabetes. Vaca G, et al. **Diabetologia** 1984 Oct;27(4):482-3

Changes in phosphofructokinase and pyruvate kinase in rat brain regions during alloxan-induced diabetes. Srivastava LK, et al. **Enzyme** 1984;32(2):84-8

Insulin-induced increases in the activity of the spontaneously active and ATP.Mg-dependent forms of phosphatase-1 in alloxan-diabetic rat liver. Dragland-Meserve CJ, et al. **Eur J Biochem** 1985 Feb 1;146(3):699-704

Changes in brush-border enzyme activities of intestinal epithelial cells isolated from the villus-crypt axis during the early phase of alloxan diabetes in rats. Nakabou Y, et al. **Experientia** 1985 Apr 15;41(4):482-4

Alterations in mitochondrial aconitase activity and respiration, and in concentration of citrate in some organs of mice with experimental or genetic diabetes. Boquist L, et al. **FEBS Lett** 1985 Apr 8;183(1):173-6

Decreased lysosomal protease content of skeletal muscles from streptozotocin-induced diabetic rats: a biochemical and histochemical study. Stauber WT, et al. **Histochem J** 1985 May;17(5):613-22

Amelioration of streptozotocin-induced diabetes in the rat by exercise-training: role of muscle glycogenolytic and glycolytic enzyme activity. Narimiya M, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:67-70

Effects of hormones, fasting and diabetes on triglyceride lipase activities in rat heart and liver. Stam H, et al. **Horm Metab Res** 1984 Jun;16(6):293-7

Activity of some enzymes involved in the metabolism of polyamines in the liver of streptozotocin-diabetic rats. Grillo MA, et al. **Int J Biochem** 1984;16(12):1345-7

Rapid regulation of L-type pyruvate kinase mRNA by fructose in diabetic rat liver. Inoue H, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1457-62

Independent regulation of nonallelic pancreatic amylase genes in diabetic mice. Dranginis A, et al. **J Biol Chem** 1984 Oct 10;259(19):12216-9

Alteration of the apparent Ki of carnitine palmitoyltransferase for malonyl-CoA by the diabetic state and reversal by insulin. Gamble MS, et al. **J Biol Chem** 1985 Aug 15;260(17):9516-9

Decreased autophosphorylation of the insulin receptor-kinase in streptozotocin-diabetic rats. Kadowaki T, et al. **J Biol Chem** 1984 Nov 25;259(22):14208-16

Insulin regulation of glycogen synthase phosphatase in primary cultures of hepatocytes. Miller TB Jr, et al. **J Biol Chem** 1984 Oct 25;259(20):12470-4

Depression of estrogen-induced uterine peroxidase in alloxan-diabetic rats. Piyachaturawat P, et al. **J Steroid Biochem** 1984 Dec;21(6):685-90

Superoxide dismutase activity in diabetic rat retina. Nishida T, et al. **Jpn J Ophthalmol** 1984;28(4):377-82

Effects of streptozotocin-induced diabetes on microsomal long-chain fatty acyl-CoA synthetase and hydrolase. Dang AQ, et al. **Lipids** 1984 Aug;19(8):578-82

The effects of streptozotocin diabetes on tissue specific lipase activities in the rat. Nomura T, et al. **Lipids** 1984 Aug;19(8):594-9

Hepatic triglyceride lipase in diabetic dogs. Muller DL, et al. **Metabolism** 1985 Mar;34(3):251-4

Effect of prolactin and glucocorticoids on P-enolpyruvate carboxykinase activity in liver and mammary gland from diabetic and lactating rats. Lobato MF, et al. **Mol Cell Biochem** 1985 May;67(1):19-23

Studies on cataractogenesis in humans and in rats with alloxan-induced diabetes. II. Histochemical evaluation of lenticular enzymes. Ahmad SS, et al. **Ophthalmic Res** 1985;17(1):12-20

Phosphatidylethanolamine methyltransferase activity in developing, demyelinating, and diabetic mouse brain. Tashiro S, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:485-90

[Changes in the lysosomal enzymes during thyroid imbalance and alloxan diabetes] Colev V, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct-Dec;88(4):669-75 (Eng. Abstr.) (Fre)

[Changes in various proteolytic enzyme and amylase activities in the pancreas of rats with streptozotocin-induced diabetes] Sawicka T, et al. **Endokrynol Pol** 1984;35(5):275-81 (Eng. Abstr.) (Pol)

ETIOLOGY

The importance of immunologic factors in the pathogenesis of encephalomyocarditis virus induced diabetes in mice. Dafoe DC, et al. **Behring Inst Mitt** 1984 Jul;(75):17-25

Diabetes heredity and disease: effects on humoral immunity and virus infection. Loria RM. **Behring Inst Mitt** 1984 Jul;(75):26-32

The EMC-virus induced insulitis . A sign of autoimmunity. Müntefering H. **Behring Inst Mitt** 1984 Jul;[illegible]-16

The role of poly(ADP-ribose) synthetase in the development of insulin-dependent diabetes and islet B-cell regeneration. Okamoto H. **Biomed Biochim Acta** 1985;44(1):15-20

Hyperglycemia in BALB/c mice after pretreatment with one subdiabetogenic dose of streptozotocin and subsequent infection with a Coxsackie B4 strain. Wegner U, et al. **Biomed Biochim Acta** 1985;44(1):21-7

Diet and insulin-dependent diabetes in the BB rat [letter] Scott FW, et al. **Diabetologia** 1985 Jan;28(1):59-61

Severe hyperglycaemia caused by autoimmunization to beta cells in rats. Ziegler M, et al. **Diabetologia** 1984 Jul;27 Suppl:163-5

Streptozotocin diabetes in juvenile pigs. Evaluation of an experimental model. Göbel H, et al. **Horm Metab Res** 1985 Jun;17(6):275-80

N-nitrosamines in smoked meats and their relation to diabetes. Helgason T, et al. **IARC Sci Publ** 1984;(57):911-20

Encephalomyocarditis virus and diabetes mellitus: studies on virus mutants in susceptible and non-susceptible mice. Kruppenbacher JP, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):727-32

[Metabolic consequences of insulin deficiency] Lefebvre PJ, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:163-74 (39 ref.) (Fre)

[Diabetogenic action of alloxan in short-term termination of the blood supply to the pancreas and spleen] Ul'ianov AM, et al. **Biol Nauki** 1984;(8):48-51 (Eng. Abstr.) (Rus)

FAMILIAL & GENETIC

Diabetes-induced alterations in the translational activity of specific messenger ribonucleic acids isolated from rat hearts. Barrieux A, et al. **Circ Res** 1985 Aug;57(2):296-303

Genetic control of pathogenesis of diabetes in C3H mice. Influence of the major histocompatibility complex. Leiter EH. **Diabetes** 1984 Nov;33(11):1068-71

The dynamic insulin secretory response of isolated pancreatic islets of the diabetic mouse. Evidence for a gene dosage effect on insulin secretion. Molina JM, et al. **Diabetes** 1984 Nov;33(11):1120-3

Long-term effect of diabetes and pregnancy in the rat. van Assche FA, et al. **Diabetes** 1985 Jun;34 Suppl 2:116-8

Class I, II and III major histocompatibility complex gene polymorphisms in BB rats. Buse JB, et al. **Diabetologia** 1984 Jul;27 Suppl:77-9

Promotion of spontaneous diabetes in non-obese diabetes-prone mice by cyclophosphamide. Harada M, et al. **Diabetologia** 1984 Dec;27(6):604-6

Murine streptozotocin diabetes: influences of the major histocompatibility complex, genetic background and blood transfusion. Weber C. et al. **Diabetologia** 1984 Jul;27 Suppl:160-2

Genetic control of susceptibility to streptozotocin diabetes in inbred mice: effect of testosterone and H-2 haplotype. Le PH, et al. **Endocrinology** 1985 Jun;116(6):2450-5

Production of corticosterone in male homozygous Brattleboro rats. Laulin JP, et al. **Horm Metab Res** 1985 Jul;17(7):342-5

Major histocompatibility complex restriction fragment length polymorphisms define three diabetogenic haplotypes in BB and BBN rats. Buse JB, et al. **J Exp Med** 1985 Aug 1;162(2):444-58

Diabetes and the alcohol consumption of AA and ANA rats. Forsander OA, et al. **Subst Alcohol Actions Misuse** 1984;5(4):193-9

IMMUNOLOGY

Cell mediated immunity to islet cells: lessons from animal studies. Kolb H, et al. **Behring Inst Mitt** 1984 Jul;(75):33-8

Maturational impairment of thymic lymphocytes in streptozotocin-induced diabetes in rats. Tabata T, et al. **Cell Immunol** 1984 Nov;89(1):250-8

Alterations in immunological reactivity in encephalomyocarditis virus-induced murine diabetes. I. Defective primary IgM plaque forming cell responses to sheep erythrocytes: correction by islet cell transplantation. Handwerger BS, et al. **Clin Exp Immunol** 1985 Apr;60(1):145-50

Time course of islet cell antibodies in diabetic and nondiabetic BB rats. Laborie C, et al. **Diabetes** 1985 Sep;34(9):904-10

Lymphoid cells of BB/W diabetic rats are cytotoxic to islet beta cells in vitro. MacKay P, et al. **Diabetes** 1985 Jul;34(7):706-9

Mechanisms of rat pancreatic islet allograft rejection. Charles MA, et al. **Diabetes Res** 1984 Jul;1(2):95-103

Immunomodulation of streptozotocin-induced diabetes in mice by a lipopolysaccharide [letter] Flechner I, et al. **Diabetes Res** 1984 Nov;1(4):231-2

Recovery of the immune system in diabetic mice after transplantation of isolated islets of Langerhans. Hadžija M, et al. **Diabetologia** 1984 Jul;27 Suppl:93-5

Abnormal lymphocyte function precedes hyperglycaemia in mice treated with multiple low doses of streptozotocin. Itoh M, et al. **Diabetologia** 1984 Jul;27 Suppl:109-12

Non-obese-diabetic mice: immune mechanisms of pancreatic beta-cell destruction. Kanazawa Y, et al. **Diabetologia** 1984 Jul;27 Suppl:113-5

Immunological aspect of non-obese diabetic mice: immune islet cell-killing mechanism and cell-mediated immunity. Maruyama T, et al. **Diabetologia** 1984 Jul;27 Suppl:121-3

Antibodies spontaneously bound to islet cells in diabetic C57BL/KsJ db/db mice. Sai P, et al. **Diabetologia** 1984 Jul;27 Suppl:139-42

Results of the local graft-versus-host reaction support the immunogenetic concept of the insulin-dependent Diabetes mellitus in BB rats. Klöting I, et al. **Folia Biol (Praha)** 1984;30(3):202-8

Occurrence of antibodies against gene products of the major histocompatibility complex in normal sera of diabetes-prone BB rats. Klöting I, et al. **Folia Biol (Praha)** 1985;31(1):34-7

Monoclonal anti-islet cell autoantibodies from C57BLKsJ db/db diabetic mice. Sai P, et al. **Hybridoma** 1984 Summer;3(2):131-9

Passive transfer of diabetes from BB/W to Wistar-Furth rats. Koevary SB, et al. **J Clin Invest** 1985 Jun;75(6):1904-7

Increased incidence of Ia antigen-bearing T lymphocytes in the spontaneously diabetic BB rat. Francfort JW, et al. **J Immunol** 1985 Mar;134(3):1577-82

Adoptive transfer of autoimmune diabetes mellitus in biobreeding/Worcester (BB/W) inbred and hybrid rats. Like AA, et al. **J Immunol** 1985 Mar;134(3):1583-7

Immune attack on pancreatic islet transplants in the spontaneously diabetic BioBreeding/Worcester (BB/W) rat is not MHC restricted. Weringer EJ, et al. **J Immunol** 1985 Apr;134(4):2383-6

[Calcitonin antibodies in experimental diabetes mellitus] Kulikova LI, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):422-4 (Eng. Abstr.) (Rus)

METABOLISM

Influence of streptozotocin- and alloxan-induced diabetes on the metabolism of glycosaminoglycans. Mohanam S, et al. **Acta Diabetol Lat** 1984 Jul-Sep;21(3):203-10

Effects of insulin on altered mineral and vitamin D metabolism in streptozotocin-induced diabetes. Ishida H, et al. **Acta Endocrinol (Copenh)** 1985 Feb;108(2):231-6

Adaptation to phosphorus depletion: effect of streptozotocin-induced diabetes mellitus. Kawanobe Y, et al. **Acta Endocrinol (Copenh)** 1985 Sep;110(1):120-3

Immunoreactive neurotensin in spontaneous syndromes of obesity and diabetes in mice. Sheppard MC, et al. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):532-6

The role of androgens in the effect of diabetes mellitus on hepatic drug metabolism in the male rat. Skett P, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):506-12

Decrease of LRH receptors in the pituitary gland in streptozotocin-induced diabetic rats. Tasaka K, et al. **Acta Endocrinol (Copenh)** 1985 Sep;110(1):46-9

Insulin modulates the stimulation of renal 1,25-dihydroxyvitamin D3 production by parathyroid hormone. Wongsurawat N, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):243-8

Effects of acute ketotic and non-ketotic diabetes on the myocardial muscarinic receptors. Bergh CH, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Nov;55(5):373-9

Myocardial calcium uptake in streptozotocin diabetic and control rats after dibutyryl-cAMP; alpha-adrenergic stimulation and calcium deprivation. Gøtzsche O. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):144-8

A time-course study of submandibular kallikrein, blood glucose and insulin of alloxan-diabetic and streptozotocin-diabetic rats. Jaffa AA, et al. **Agents Actions** 1984 Dec;15(5-6):478-81

Influence of a vitamin E-deficient diet on prostacyclin production by mesometrial triangles and aortic rings from nondiabetic and diabetic pregnant rats. Spitz B, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):116-20

Uptake of tyrosine and leucine in vivo by brain of diabetic and control rats. Brosnan JT, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C450-3

In vivo and in vitro resistance to maximal insulin-stimulated glucose disposal in insulin deficiency. Dall'Aglio E, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):E312-6

Localization of cholesterol synthesis in the small intestine of diabetic rats. Feingold KR, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):G494-501

Food intake in diabetic rats: isolation of primary metabolic effects of fat feeding. Friedman MI, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R44-51

Glycogen repletion in different skeletal muscles from diabetic rats. Hamilton N, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):E740-6

Enhanced intestinal insulinotropic effect in streptozotocin-diabetic rats. Ikeda T, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E304-8

Regulation of hepatic triiodothyronine production in the streptozotocin-induced diabetic rat. Jennings AS. **Am J Physiol** 1984 Oct;247(4 Pt 1):E526-33

Time course of changes in albumin synthesis and mRNA in diabetic and insulin-treated diabetic rats. Peavy DE, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E656-63

Diabetes enhances activity of alanine transport in liver plasma membrane vesicles. Rosenthal NR, et al. **Am J Physiol** 1985 May;248(5 Pt 1):E581-7

Metabolic responses to fasting and alloxan-induced diabetes mellitus in steers. Smith SB, et al. **Am J Vet Res** 1984 Sep;45(9):1829-34

Ultrastructural distribution of glycogen in pancreatic islets of steroid diabetic rats. Graf R, et al. **Basic Appl Histochem** 1984;28(4):391-7

Decrease in ventricular beta-adrenergic receptors in trained diabetic rats. Sylvestre-Gervais L, et al. **Basic Res Cardiol** 1984 Jul-Aug;79(4):432-9

Normal hepatic insulin receptor autophosphorylation in nonketotic diabetes mellitus. Amatruda JM, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):163-70

Insulin binding and degradation in isolated hepatocytes from streptozotocin injected rats. Garcia-Webb P, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):487-93

On the flux of lipid metabolism in diabetic animals. Kilworth L, et al. **Biochem Int** 1984 Dec;9(6):745-53

Disturbance of methyl group metabolism in alloxan-diabetic sheep. Xue GP, et al. **Biochem Int** 1985 Jun;10(6):897-905

Gluconeogenesis from threonine in normal and diabetic rats. Hetenyi G Jr, et al. **Biochem J** 1984 Dec 1;224(2):355-60

Effect of starvation, diabetes and insulin on the casein kinase 2 from rat liver cytosol. Martos C, et al. **Biochem J** 1985 Jan 15;225(2):321-6

The effect of experimental diabetes on phenylalanine metabolism in isolated liver cells. Santana MA, et al.

Biochem J 1985 Apr 1;227(1):169–75

The regulation of phosphate–activated glutaminase activity and glutamine metabolism in the streptozotocin–diabetic rat. Watford M, et al. **Biochem J** 1984 Nov 15;224(1):207–14

Different effects of acute and chronic diabetes mellitus on hepatic drug metabolism in the rat. Skett P, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):287–9

Kinetic studies of D–glucose transport in renal brush–border membrane vesicles of streptozotocin–induced diabetic rats. Blank ME, et al. **Biochim Biophys Acta** 1985 Mar 21; 844(3):314–9

The stimulatory effect of alloxan diabetes on citrulline formation in rabbit liver mitochondria. Bryla J, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):90–5

Oxidative metabolism of Polytron versus Nagarse mitochondria in hearts of genetically diabetic mice. Kuo TH, et al. **Biochim Biophys Acta** 1985 Jan 23;806(1):9–15

Aldose reductase, NADPH and NADP+ in normal, galactose–fed and diabetic rat lens. Lee SM, et al. **Biochim Biophys Acta** 1985 Sep 6;841(3):247–53

Composition, removal and metabolic fate of chylomicrons derived from diabetic rats. Levy E, et al. **Biochim Biophys Acta** 1983 May 17;834(3):376–85

Regulatory effects of insulin and experimental diabetes on neutral amino acid transport in the perfused rat exocrine pancreas. Kinetics of unidirectional L–serine influx and efflux at the basolateral plasma membrane. Mann GE, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):618–22

The effect of streptozotocin diabetes on insulin binding by isolated rat kidney tubules. Thomas JH, et al. **Biochim Biophys Acta** 1985 Feb 21;844(2):240–6

The effect of streptozotocin–induced diabetes on hepatic hexose transport. Europe–Finner GN. **Biosci Rep** 1985 May;5(5):377–82

Influence of streptozotocin–diabetes on the pharmacokinetics, placental transfer and tissue localization of dexamethasone in rats. Mulay S, et al. **Br J Pharmacol** 1984 Sep;83(1):139–44

Glucose utilization by the mouse brain: influence of age and diabetes. Garris DR, et al. **Brain Res** 1984 Aug;317(2):141–6

The lipid content of the diabetic kidney of the rat. Lemieux G, et al. **Can J Physiol Pharmacol** 1984 Oct;62(10):1274–8

Effects of streptozotocin–induced diabetes and insulin on phospholipid content of R3230AC mammary tumor cells. Narayanan U, et al. **Cancer Res** 1985 Oct;45(10):4833–7

Effect of starvation and diabetes on glucose transport in the lung. Das DK, et al. **Clin Physiol Biochem** 1984;2(5):239–48

Calcium binding to normal, regenerating and diabetic liver plasma membrane. Nassar CF, et al. **Comp Biochem Physiol [A]** 1984;78(4):829–32

Carbohydrate contents, and glycosidase and glycosyl transferase activities in tissues from streptozotocin diabetic mice. Serrano MA, et al. **Comp Biochem Physiol [B]** 1985; 80(3):629–32

Arachidonic acid metabolism by retinas of rats with streptozotocin–induced diabetes. Naveh–Floman N, et al. **Curr Eye Res** 1984 Sep;3(9):1135–9

The effect of streptozotocin diabetes on brain protein synthesis in the rat. Fando JL, et al. **Diabete Metab** 1985 Apr;11(2):92–7

The effect of streptozocin–induced diabetes on the plasma membrane calcium uptake activity of rat liver. Chan KM, et al. **Diabetes** 1984 Nov;33(11):1072–7

The effects of acute and chronic diabetes on myocardial metabolism in rats. Chen V, et al. **Diabetes** 1984 Nov; 33(11):1078–84

Phosphate transport by jejunal brush border membrane vesicles of the streptozocin–diabetic rat. Ghishan FK, et al. **Diabetes** 1985 Aug;34(8):723–7

Impaired insulin biosynthetic capacity in a rat model for non–insulin–dependent diabetes. Studies with dexamethasone. Giddings SJ, et al. **Diabetes** 1985 Mar; 34(3):235–40

Abnormal myocardial calcium uptake in streptozocin–diabetic rats. Evidence for a direct insulin effect on catecholamine sensitivity. Gøtzsche O. **Diabetes** 1985 Mar;34(3):287–90

Relationship between maternal and fetal fuels and placental glucose transfer in rats with maternal diabetes of varying severity. Herrera E, et al. **Diabetes** 1985 Jun;34 Suppl 2:42–6

Effect of diabetes on triiodothyronine and reverse triiodothyronine production in the perfused rat liver and kidney. Ikeda T, et al. **Diabetes** 1985 Jul;34(7):647–52

Plasma, adrenal, and heart catecholamines in physically trained normal and diabetic rats. Jobidon C, et al. **Diabetes** 1985 Jun;34(6):532–5

Comparison of portal and peripheral insulin delivery on lipid metabolism in streptozocin–diabetic rats. Kruszynska YT, et al. **Diabetes** 1985 Jun;34(6):611–6

Bone calcification and calcium homeostasis in rats with non–insulin–dependent diabetes induced by streptozocin. Levy J, et al. **Diabetes** 1985 Apr;34(4):365–72

Urinary and renal tissue kallikrein in the streptozocin–diabetic rat. Mayfield RK, et al. **Diabetes** 1985 Jan;34(1):22–8

Influence of maternal diabetes in rats on hemoglobin synthesis and uridine uptake by fetal liver cells. Mulay S, et al. **Diabetes** 1985 Mar;34(3):212–6

Dynamics of glucose–induced insulin release during the spontaneous remission of streptozocin diabetes induced in the newborn rat. Portha B, et al. **Diabetes** 1985 Jun; 34(6):574–9

Age–related changes in hepatic glycogen metabolism in the genetically diabetic (db/db) mouse. Roesler WJ, et al. **Diabetes** 1985 Apr;34(4):395–402

Muscle protein turnover in the perfused hindquarters of lean and genetically obese–diabetic (db/db) mice. Shargill NS, et al. **Diabetes** 1984 Dec;33(12):1160–4

Renal hypertrophy in experimental diabetes. Changes in pentose phosphate pathway activity. Steer KA, et al. **Diabetes** 1985 May;34(5):485–90

Nonenzymatic glycation of fibronectin and alterations in the molecular association of cell matrix and basement membrane components in diabetes mellitus. Tarsio JF, et al. **Diabetes** 1985 May;34(5):477–84

Altered bile acid metabolism in nonobese, spontaneously diabetic (NOD) mice. Uchida K, et al. **Diabetes** 1985 Jan; 34(1):79–83

The onset of liver glycogen synthesis in fasted–refed rats. Effects of streptozocin diabetes and of peripheral insulin replacement. Van de Werve G, et al. **Diabetes** 1984 Oct; 33(10):944–9

Regulation of gluconeogenesis in hepatocytes from fasted alloxan–diabetic rats. Wernette–Hammond ME, et al. **Diabetes** 1985 Aug;34(8):767–73

Sorbinil prevents diabetes–induced increases in vascular permeability but does not alter collagen cross–linking. Williamson JR, et al. **Diabetes** 1985 Jul;34(7):703–5

The effects of cyclooxygenase and lipoxygenase inhibitors on the collagen abnormalities of diabetic rats. Yue DK, et al. **Diabetes** 1985 Jan;34(1):74–8

Fetal diabetes in rats and its effect on placental glycogen. Barash V, et al. **Diabetologia** 1985 Apr;28(4):244–9

Elevated levels of vasoactive intestinal peptide in the eye and urinary bladder of diabetic and prediabetic Chinese hamsters. Diani AR, et al. **Diabetologia** 1985 May; 28(5):302–7

Evidence for a direct action of exogenous insulin on the pancreatic islets of diabetic mice: islet response to insulin pre–incubation. Gordon C, et al. **Diabetologia** 1985 May; 28(5):291–4

Inhibition of aortic histamine synthesis by alpha–hydrazinohistidine inhibits increased aortic albumin accumulation in experimental diabetes in the rat. Hollis TM, et al. **Diabetologia** 1985 May;28(5):282–5

Comparison of portal and peripheral insulin delivery on carbohydrate metabolism in streptozotocin–diabetic rats. Kruszynska YT, et al. **Diabetologia** 1985 Mar;28(3):167–71

The effect of maternal diabetes on the synthesis and secretion of phosphatidylcholine in fetal and maternal rat lungs in vitro. Nijjar MS, et al. **Diabetologia** 1984 Aug;27(2):219–24

Maturation of the response of human fetal pancreatic explants to glucose. Tuch BE, et al. **Diabetologia** 1985 Jan; 28(1):28–31

Increased affinity of insulin receptor on hepatocytes from streptozotocin–induced diabetic rats. Okamoto M, et al. **Endocrinol Jpn** 1984 Jun;31(3):235–43

Plasma responses and pancreatic content of pancreatic polypeptide, glucagon and insulin in alloxan diabetic and normal dogs and their immunohistological studies. Tasaka Y, et al. **Endocrinol Jpn** 1984 Aug;31(4):387–94

Triiodothyronine production by the perfused rat kidney is reduced by diabetes mellitus but not by fasting. Ferguson DC, et al. **Endocrinology** 1985 Jul;117(1):64–70

Decreases in renin and aldosterone secretion in alloxan diabetes: an effect of insulin deficiency. Pratt JH, et al. **Endocrinology** 1985 May;116(5):1712–6

Hormonal control of lipolysis in perifused adipocytes from diabetic rats. Solomon SS, et al. **Endocrinology** 1985 Oct; 117(4):1350–4

Augmented thromboxane generation by mesenteric arteries from pancreatectomized diabetic dogs is coincident with the vascular tone enhancement evoked by Na arachidonate and prostacyclin. Sterin–Borda L, et al. **Eur J Pharmacol** 1984 Aug 17;103(3–4):211–21

Low dose streptozotocin induced diabetes in mice. Metabolic, light microscopical, histochemical, immunofluorescence microscopical, electron microscopical and morphometrical findings. Cossel L, et al. **Exp Clin Endocrinol** 1985 Feb; 85(1):7–26

Aortic histamine synthesis and aortic albumin accumulation in diabetes: activity–uptake relationships. Carroll WJ, et al. **Exp Mol Pathol** 1985 Jun;42(3):344–52

Proliferation, morphology, and low–density lipoprotein metabolism of arterial endothelial cells cultured from normal and diabetic minipigs. Grünwald J, et al. **Exp Mol Pathol** 1985 Feb;42(1):60–70

Time–dependent changes in aortic albumin permeability characteristics in experimental diabetes. Hollis TM, et al. **Exp Mol Pathol** 1984 Oct;41(2):207–17

Reduced maximum capacity of glycolysis in brown adipose tissue of genetically obese, diabetic (db/db) mice and its restoration following treatment with a thermogenic beta–adrenoceptor agonist. Young P, et al. **FEBS Lett** 1984 Oct 15;176(1):16–20

The level of some tissue peptides and their neutral sugar composition in streptozotocin diabetic rats. Guzdek A, et al. **Folia Biol (Krakow)** 1984;32(1–2):17–22

Intestinal calcium absorption is enhanced by D–glucose in diabetic and control rats. Younoszai MK, et al. **Gastroenterology** 1985 Apr;88(4):933–8

Endogenous chromium in tissues and body fluids of normal and genetically diabetic (db/db) mice. Berggren PO, et al. **Horm Metab Res** 1985 Mar;17(3):164–5

Insulin binding sites and action in the adrenal glands from normal and streptozotocin diabetic rats. da Silva RS, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:77–81

Growth hormone hyperresponsiveness to human pancreatic growth hormone releasing hormone in streptozotocin–diabetic rats. Locatelli V, et al. **Horm Metab Res** 1984 Sep;16(9):507

Iodohydroxybenzylpindolol binding to beta–adrenergic receptors of diabetic and control rat adipocytes' crude membrane. Madar Z. **Horm Metab Res** 1984 Dec;16 Suppl 1:59–62

Insulinotropic effect of ovarian steroid hormones in streptozotocin diabetic female mice. Puah JA, et al. **Horm Metab Res** 1985 Apr;17(4):216–8

Effects of alloxan–induced diabetes on dopaminergic receptors in rat striatum and anterior pituitary. Serri O, et al. **Horm Res** 1985;21(2):95–101

Effect of alloxan induced diabetes on 125I–insulin receptor interaction and 14C–glucose/14C–galactose homeostasis in isolated rat hepatocytes. Balapure AK, et al. **Indian J Exp Biol** 1985 Jan;23(1):63–4

Metabolic and histopathological effects of streptozotocin induced diabetes in rats: effect of propranolol and insulin. Bora PS, et al. **Indian J Exp Biol** 1985 Jan;23(1):23–6

Metabolism of hepatic lipids in alloxan diabetes. Chauhan UP, et al. **Indian J Exp Biol** 1984 Jul;22(7):386–90

Levels of salivary lysozyme, lactoperoxidase, and lactoferrin in diabetic hamsters. Muratsu K, et al. **Infect Immun** 1985 May;48(2):389–94

Streptozotocin diabetes: prolonged inflammatory response with delay in granuloma formation. Inoue N, et al. **Int J Tissue React** 1985;7(1):27–33

Fibrinolytic activity of the retinae in streptozotocin–diabetic rats. Ishibashi T, et al. **Invest Ophthalmol Vis Sci** 1985 Jan; 26(1):125–7

Muscle glycogen repletion after exercise in trained normal and diabetic rats. Tan MH, et al. **J Appl Physiol** 1984 Nov; 57(5):1404–8

Increased turnover of surface insulin receptors in fibroblastic cultures from genetically diabetic (DB/DB) mice. Kadle R, et al. **J Cell Biochem** 1985;28(1):59–67

Diarrhea in streptozocin–treated rats. Loss of adrenergic regulation of intestinal fluid and electrolyte transport. Chang EB, et al. **J Clin Invest** 1983 May;75(5):1666–70

Modulation of proinsulin messenger RNA after partial pancreatectomy in rats. Relationships to glucose homeostasis. Orland MJ, et al. **J Clin Invest** 1985 Jun; 75(6):2047–55

Increased prostaglandin production by glomeruli isolated from rats with streptozotocin–induced diabetes mellitus. Schambelan M, et al. **J Clin Invest** 1985 Feb;75(2):404–12 (78 ref.)

Effects of diabetes, beta–hydroxybutyric acid and metabolic acidosis on the pituitary–thyroid axis in the rat. Boado R, et al. **J Endocrinol Invest** 1985 Apr;8(2):107–11

Effect of streptozotocin diabetes and insulin replacement on growth hormone in rats. Gonzalez C, et al. **J Endocrinol Invest** 1985 Feb;8(1):7–11

Hexose transport modification of rat hearts during development of chronic diabetes. Whitfield CF, et al. **J Mol Cell Cardiol** 1984 Dec;16(12):1091–9

Decreased incorporation of [3H]inositol and [3H]glycerol into glycerolipids of sciatic nerve from the streptozotocin diabetic rat. Bell ME, et al. **J Neurochem** 1985 Aug; 45(2):465–9

Slow orthograde axonal transport of radiolabelled protein in sciatic motoneurones of rats with short–term experimental diabetes: effects of treatment with an aldose reductase inhibitor or myo–inositol. Mayer JH, et al. **J Neurochem** 1984 Nov;43(5):1265–70

Effects of insulin and streptozotocin–induced diabetes on brain norepinephrine metabolism in rats. Trulson ME, et al. **J Neurochem** 1985 Jun;44(6):1873–6

Altered axonal transport of cytoskeletal proteins in the mutant diabetic mouse. Vitadello M, et al. **J Neurochem** 1985 Sep;45(3):860–8

Amino acid uptake by dorsal root ganglia from streptozotocin–diabetic rats. Thomas PK, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):912–6

Protein turnover in insulin–treated, alloxan–diabetic lean and obese Zucker rats. Chan CP, et al. **J Nutr** 1985 Aug; 115(8):959–69

Intestinal absorption and excretion of zinc in streptozotocin–diabetic rats as affected by dietary zinc and protein. Johnson WT, et al. **J Nutr** 1985 Sep;115(9):1217–27

Manganese action on protein syuthesis in diabetic rat pancreas: evidence for a possible physiological role. Korc M. **J Nutr** 1984 Nov;114(11):2119–26

[3H]netilmicin binding constants and phospholipid composition of renal plasma membranes of normal and diabetic rats. Josepovitz C, et al. **J Pharmacol Exp Ther** 1985 May;233(2):298–303

Arachidonic acid metabolism and urinary excretion of prostaglandins and thromboxane in rats with experimental diabetes mellitus. Quilley J, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):211–6

Enhanced metabolism of [2,4,6,7–3H] estradiol–17 beta in the diabetic rat. De Hertogh R, et al. **J Steroid Biochem** 1984 Oct;21(4):433–8

Effect of alloxan diabetes and phenformin on insulin binding with liver plasma membrane receptors. Chaujar M, et al.

Jpn J Exp Med 1984 Oct;54(5):189–93

Alteration of lipid peroxide and endogenous antioxidant contents in retina of streptozotocin–induced diabetic rats: effect of vitamin A administration. Nishimura C, et al. **Jpn J Pharmacol** 1985 Apr;37(4):365–72

Effect of chronic streptozotocin–induced diabetes on [3H]ouabain binding in the rat left ventricle. Fawzi AB, et al. **Life Sci** 1985 May 20;36(20):1977–81

Abnormalities in plasma catecholamine response and tissue catecholamine accumulation in streptozotocin diabetic rats: a possible role for diabetic autonomic neuropathy. Fushimi H, et al. **Life Sci** 1984 Sep 3;35(10):1077–81

Epidermal growth factor binding is altered in pancreatic acini from diabetic rats. Korc M, et al. **Life Sci** 1984 Nov 12; 35(20):2049–55

Evidence for diabetes–induced alterations in the sulfation of heparin sulfate intestinal epithelial cells. Lévy P, et al. **Life Sci** 1984 Dec 24;35(26):2613–20

Effect of a zinc phosphate suspension of a long–acting somatostatin analog on postprandial plasma glucose, triglyceride and glucagon concentrations in alloxan diabetic dogs. Martin C, et al. **Life Sci** 1984 Dec 24;35(26):2627–33

Changes in LH and prolactin levels in diabetic male rats and the role of the opiate system in the control of their secretion. Yogev L, et al. **Life Sci** 1985 Sep 16;37(11):993–9

Effects of streptozotocin–induced diabetes on phosphoglyceride metabolism of the rat liver. Dang AQ, et al. **Lipids** 1984 Oct;19(10):738–48

Intestinal metabolism of plasma free fatty acids in streptozotocin diabetic rats. Renner F, et al. **Lipids** 1984 Nov;19(11):875–9

Catabolism of branched–chain amino acids by diaphragm muscles of fasted and diabetic rats. Aftring RP, et al. **Metabolism** 1985 Aug;34(8):702–11

Regulation of hepatic glycogen metabolism: effects of diabetes, insulin infusion, and pancreatic islet transplantation. Margolis RN, et al. **Metabolism** 1985 Jan; 34(1):62–8

The effects of aldose reductase inhibition on nerve sorbitol and myoinositol concentrations in diabetic and galactosemic rats. Yue DK, et al. **Metabolism** 1984 Dec; 33(12):1119–22

The concentration of dopamine, 5–hydroxytryptamine, and some of their acid metabolites in the brain of genetically diabetic rats. Kwok RP, et al. **Neurochem Res** 1985 May; 10(5):611–6

Streptozotocin–induced diabetes is associated with reduced immunoreactive beta–endorphin concentrations in neurointermediate pituitary lobe and with disrupted circadian periodicity of plasma corticosterone levels. Gibson MJ, et al. **Neuroendocrinology** 1985 Jul;41(1):64–71

Diabetes–associated changes in estradiol accumulation in the aging C57BL/KsJ mouse brain. Garris DR, et al. **Neurosci Lett** 1984 Aug 31;49(3):285–90

Dopaminergic activity is reduced in diabetic rats. Saller CF. **Neurosci Lett** 1984 Aug 31;49(3):301–6

Studies on cataractogenesis in humans and in rats with alloxan–induced diabetes. I. Cation transport and sodium–potassium–dependent ATPase. Ahmad SS, et al. **Ophthalmic Res** 1985;17(1):1–11

Delayed effects of experimental maternal diabetes on plasma cholesterol level and vascular prostacyclin synthesis in the offspring. Bydlowski SP, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):353–7

The effects of streptozotocin diabetes and of dietary protein content on the composition and metabolism of testicular lipids. Wilder PJ, et al. **Proc Soc Exp Biol Med** 1984 Dec; 177(3):399–405

Enhanced intracellular procollagen degradation in skins of streptozotocin–induced diabetic rats: a causal relationship to underhydroxylation. Schneir M, et al. **Prog Clin Biol Res** 1985;180:667–8

Leukotriene production in isolated tissues of diabetic rats. Roth DM, et al. **Prostaglandins Leukotrienes Med** 1984 Oct; 16(1):29–37

Ca2+–transport in skeletal muscle sarcoplasmic reticulum of the chronically diabetic rat. Eibschutz B, et al. **Res Commun Chem Pathol Pharmacol** 1984 Aug;45(2):301–4

Biliary excretion of acetaminophen in diabetic and hyperthyroid rats. Siegers CP, et al. **Res Commun Chem Pathol Pharmacol** 1985 Mar; 47(3):345–55

The metabolism and disposition of [2-14C]diazepam in the streptozotocin–diabetic rat. Andrews SM, et al. **Xenobiotica** 1984 Oct;14(10):751–60

[Effect of experimental diabetes and its treatment with insulin on the translation of RNAs and protein synthesis in rat enterocytes] Bréant B, et al. **C R Acad Sci [III]** 1984; 299(14):571–4 (Eng. Abstr.) (Fre)

[Quantitative histochemical study of pancreatic islets of sand rats (Psammomys obesus) in diabetes mellitus. I. Cytophotometric measurement of insulin content] von Dorsche HH, et al. **Acta Histochem (Jena)** 1984; 75(2):199–203 (Eng. Abstr.) (Ger)

[Fluorophotometric changes in fast axonally transported proteins in experimentally diabetic rabbits] Tsukada T, et al. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):279–84 (Eng. Abstr.) (Jpn)

[The effect of oral synthetic protease inhibitor (FOY 305) on endocrine pancreas and carbohydrate and lipid metabolism in normal and streptozotocin–induced diabetic rats] Eto M, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 May 20;60(5):684–95 (Eng. Abstr.) (Jpn)

[Vasoactive intestinal polypeptide(VIP)– and insulin–producing cells––molecular biology, physiology and pathology] Okamoto H. **Nippon Naibunpi Gakkai Zasshi** 1984 Dec 20; 60(12):1449–63 (Jpn)

[Fatty acid composition of individual phospholipids in skeletal muscle at different insulin levels in the rat] Isaev EI, et al. **Biokhimiia** 1984 Oct;49(10):1686–9 (Eng. Abstr.) (Rus)

[Intracellular transformation of fatty acids into glycogen in alloxan diabetic rats, based on electron autoradiographic data] Lebkova NP, et al. **Biull Eksp Biol Med** 1984 Dec; 98(12):734–6 (Eng. Abstr.) (Rus)

[Lipid content of mitochondrial membranes of the rat liver in alloxan diabetes] Ishankhodzhaev TM, et al. **Probl Endokrinol (Mosk)** 1984 Nov–Dec;30(6):56–9 (Eng. Abstr.) (Rus)

[Modification of the cytogenetic effect of dioxidine in experimental alloxan diabetes in rats] Zolotareva GN, et al. **Tsitol Genet** 1985 Jan–Feb;19(1):24–6 (Eng. Abstr.) (Rus)

[Specific 125I–insulin binding by hepatocyte plasma membranes and nuclear envelopes in experimental hyperinsulinemia, alloxan diabetes and starvation] Bezdrobnyi IuV. **Tsitologiia** 1984 Jul;26(7):818–25 (Eng. Abstr.) (Rus)

[Additive nature of the stimulating effects of alloxan diabetes and fasting on the specific binding of insulin with its receptors in the plasma membranes of adipose and hepatic cells in the rat] Bezdrobnyi IuV, et al. **Vopr Med Khim** 1985 Mar–Apr;31(2):46–51 (Eng. Abstr.) (Rus)

[Energy metabolism in the kidney cortex of rats with alloxan diabetes] Cheshchevik AB. **Vopr Med Khim** 1985 Jan–Feb; 31(1):52–4 (Eng. Abstr.) (Rus)

[Interrelation of the processes of lipid peroxidation and hydroxylation in the liver microsomal fraction of white rats with alloxan diabetes] Karagezian KG, et al. **Vopr Med Khim** 1985 Mar–Apr;31(2):62–4 (Eng. Abstr.) (Rus)

[Fatty acid composition and lipid peroxidation in brain microsomes of albino rats with alloxan diabetes] Martikian AR, et al. **Vopr Med Khim** 1985 May–Jun;31(3):86–7 (Eng. Abstr.) (Rus)

[Nicotinamide coenzyme regulation of the sorbitol pathway of glucose metabolism in the aorta of rats with streptozotocin diabetes] Obrosova IG, et al. **Vopr Med Khim** 1985 Mar–Apr;31(2):125–8 (Eng. Abstr.) (Rus)

MICROBIOLOGY

Type C retrovirus production by pancreatic beta cells. Association with accelerated pathogenesis in C3H–db/db ('Diabetes') mice. Leiter EH. **Am J Pathol** 1985 Apr; 119(1):22–32

Endogenous infection in mice with streptozotocin–induced diabetes. A feature of bacterial translocation. Imai A, et al. **Can J Microbiol** 1984 Nov;30(11):1344–8

Exacerbation of the pathogenesis of the diabetogenic variant of encephalomyocarditis virus in mice by interferon. Gould CL, et al. **J Interferon Res** 1985 Winter;5(1):33–7

MORTALITY

Mortality and renal failure in the streptozocin–alloxan diabetic dog attributed to contamined alloxan preparations. Cutfield R, et al. **Horm Metab Res** 1984 Oct;16(10):549–50

PATHOLOGY

Effects of experimentally–induced diabetes on oestradiol–stimulated changes in the ultrastructure of the rat endometrium. Frederick GT, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):414–20

Basement membrane of hypothalamus and cortex capillaries from normotensive and spontaneously hypertensive rats with streptozotocin–induced diabetes. Junker U, et al. **Acta Neuropathol (Berl)** 1985;65(3–4):202–8

Axonopathy and microangiopathy in chronic alloxan diabetes. Powell HC, et al. **Acta Neuropathol (Berl)** 1984; 65(2):128–37

Distribution of actin in mesangial cell of rat glomerulus. Ito K, et al. **Acta Pathol Jpn** 1984 Nov;34(6):1267–76

A morphologic and autoradiographic study of cell death and regeneration in the retinal microvasculature of normal and diabetic rats. Sharma NK, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):51–60

Liver perisinusoidal fibrosis in BB rats with or without overt diabetes. Bernuau D, et al. **Am J Pathol** 1985 Jul; 120(1):38–45

An extra–pancreatic direct effect of streptozotocin on the hypothalamo–hypophyseal–testicular axis in the rat. Thliveris JA, et al. **Anat Anz** 1984;157(3):213–9

Response of normal and diabetic rat aorta to deendothelialization in terms of 6–keto–prostaglandin F1 alpha synthesis and cholesterol accumulation. Shehata–Khalil M, et al. **Biochem Med** 1985 Feb;33(1):22–8

Morphometric analysis of medial basal hypothalamic neuronal degeneration in diabetes (db/db) mutant C57BL/KsJ mice: relation to age and hyperglycemia. Garris DR, et al. **Brain Res** 1985 Jun;352(2):161–8

Morphology of the endocrine pancreas in diabetic sand rat (Psammomys obesus). Petkov P, et al. **Cell Mol Biol** 1985; 31(2):61–74

Lanthanum and freeze–fracture studies of retinal pigment epithelial cell junctions in the streptozotocin diabetic rat. Caldwell RB, et al. **Curr Eye Res** 1985 Mar;4(3):215–27

Corneal endothelial changes in diabetic dogs. Yee RW, et al. **Curr Eye Res** 1985 Jul;4(7):759–66

A functional and ultrastructural analysis of experimental diabetic rat myocardium. Manifestation of a cardiomyopathy. Jackson CV, et al. **Diabetes** 1985 Sep; 34(9):876–83

Ciglitazone, a new hypoglycaemic agent. 4. Effect on pancreatic islets of C57BL/6J–ob/ob and C57BL/KsJ–db/db mice. Diani AR, et al. **Diabetologia** 1984 Aug;27(2):225–34

Ultrastructure of heart muscle in short–term diabetic rats: influence of insulin treatment. Reinilä A, et al. **Diabetologia** 1984 Sep;27(3):397–402

One month of streptozotocin–diabetes induces different neuroendocrine and morphological alterations in the hypothalamo–pituitary axis of male and female rats. Bestetti G, et al. **Endocrinology** 1985 Jul;117(1):208–16

Incorporation of [3H]thymidine into myocardial capillary cells in streptozotocin–diabetic rats. Wickline KM, et al. **Exp Mol Pathol** 1985 Aug;43(1):135–41

Microtubule density and size of axons in early diabetes: implications for nerve cell homeostasis. Iturriaga R. **Exp Neurol** 1985 Apr;88(1):165–75

On the specificity of insulin staining by Victoria blue 4R. Wohlrab F, et al. **Histochem J** 1985 May;17(5):515–8

Diabetic vasculopathy in the rat: an in vivo microscopic study of the circulation. Hill MA, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:63–6

Treatment with aldose reductase inhibitor or with myo–inositol arrests deterioration of the electroretinogram of diabetic rats. MacGregor LC, et al. **J Clin Invest** 1985 Aug;76(2):887–9

Histopathological lesions in the pancreas of the BB Wistar rat as a function of age and duration of diabetes. Wright J, et al. **J Comp Pathol** 1985 Jan;95(1):7–14

Effects of streptozotocin–induced diabetes on the rat parotid gland. Hand AR, et al. **Lab Invest** 1984 Oct;51(4):429–40

Decidual changes in the endometrium and morphological adaptation of the associated supplying arteries in the normal and diabetic pseudopregnant rat. Norambuena J, et al. **Placenta** 1984 May–Jun;5(3):249–60

Evidence for direct effect of growth hormone on capillary basement membrane thickness. Oikawa S, et al. **Tohoku J Exp Med** 1985 Jun;146(2):167–74

Stereological studies on the rat small intestinal epithelium. III. Effects of short–term alloxan diabetes. Stenling R, et al. **Virchows Arch [Cell Pathol]** 1984;47(3):263–70

[Spontaneous diabetes in the sand rat (Psammomys obesus)] Petkov P, et al. **Eksp Med Morfol** 1984;23(3):148–52 (Eng. Abstr.) (Bul)

[Quantitative histochemical studies of islands of Langerhans in the (Psammomys obesus) in the development of diabetes mellitus. II. Surface measurement of the islands] Hahn von Dorsche H, et al. **Gegenbaurs Morphol Jahrb** 1984; 130(5):671–5 (Eng. Abstr.) (Ger)

[Quantitative histological studies of pancreatic mast cells in sand rats (Psammomys obesus) during formation of a mellitus syndrome. 1. The exocrine pancreas] Hahn von Dorsche H. **Z Mikrosk Anat Forsch** 1984;98(3):362–8 (Eng. Abstr.) (Ger)

[Quantitative histological studies of pancreatic mast cells in sand rats (Psammomys obesus) during formation of a mellitus syndrome. 2. The islands of Langerhans] Hahn von Dorsche H. **Z Mikrosk Anat Forsch** 1984;98(3):369–74 (Eng. Abstr.) (Ger)

[Nemaline bodies in striated muscles of animals with alloxan diabetes] Pogátsa G, et al. **Morphol Igazsagugyi Orv Sz** 1985 Jan;25(1):21–4 (Eng. Abstr.) (Hun)

[Membrane alterations during cataract development in the diabetic rats lens] Tanaka M, et al. **Nippon Ganka Gakkai Zasshi** 1984 Dec;88(12):1507–16 (Eng. Abstr.) (Jpn)

[Experimental diabetes mellitus. B. Microscopic studies of the rat retina] Pankowska B, et al. **Klin Oczna** 1984 May; 86(5):191–2 (Eng. Abstr.) (Pol)

[Karyometric evaluation of hepatocytes of rats with both untreated and insulin– and chlorpropamide–treated experimental diabetes mellitus] Rogoziński K, et al. **Patol Pol** 1984 Oct–Dec;35(4):493–8 (Eng. Abstr.) (Pol)

[Topography of the subnuclei of the paraventricular hypothalamic nucleus in rats and the sensitivity of their neurons to insulin deficiency] Goufman EI. **Biull Eksp Biol Med** 1985 Feb;99(2):194–6 (Eng. Abstr.) (Rus)

[Cellular reaction of the area postrema of the medulla oblongata to experimental alloxan diabetes] Gusev AA. **Biull Eksp Biol Med** 1984 Dec;98(12):753–5 (Eng. Abstr.) (Rus)

[Murine model of clinically benign diabetes mellitus of young subjects] Martinez SM, et al. **Medicina (B Aires)** 1984; 44(2):145–52 (Eng. Abstr.) (Spa)

PHYSIOPATHOLOGY

Time–course and rate of healing after wounding the avascular mesentery in diabetic rats. Norrby K, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Nov; 92(6):411–6

Restoration of coronary dilator action of adenosine in experimental diabetes. Downing SE. **Am J Physiol** 1985 Jul;249(1 Pt 2):H102–7

Altered myocardial mechanics in diabetic rabbits. Fein FS, et al. **Am J Physiol** 1985 May;248(5 Pt 2):H729–36

Food intake and gastric emptying in rats with streptozotocin–induced diabetes. Granneman JG, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R1054–61

Mechanisms of the defect in cardiac myofibrillar function during diabetes. Pierce GN, et al. **Am J Physiol** 1985 Feb; 248(2 Pt 1):E170–5

Reduced transcoronary exchange and prostaglandin synthesis in diabetic rat heart. Rösen P, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):H563–9

Cerebral vascular autoregulation of blood flow and tissue PO2 in diabetic rats. Rubin MJ, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):H540–6

Activation of glucose transport in diabetic muscle: responses to contraction and insulin. Wallberg–Henriksson H, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):C233–7

The pathophysiology of experimental insulin–deficient diabetes in the monkey. Implications for pancreatic transplantation. Jonasson O, et al. **Ann Surg** 1985 Jan; 201(1):27–39

Pathophysiology of the blood–retinal barrier in experimental diabetes. Vitreous fluorophotometry using carboxyfluorescein and fluorescein. Blair NP, et al. **Arch Ophthalmol** 1984 Dec;102(12):1810–4

Corneal epithelial wound healing in normal and diabetic rabbits treated with tretinoin. Hatchell DL, et al. **Arch Ophthalmol** 1985 Jan;103(1):98–100

The effect of digitoxose on insulin release, glucose oxidation and oxygen consumption by islets of lean and genetically obese diabetic (ob/ob) mice. Hussain M, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):358–67

Prostacyclin, its fatty acid precursor and its metabolites on the inotropic function of and on the prostanoid generation by diabetic arteries. Sterin–Borda LJ, et al. **Biomed Biochim Acta** 1984;43(8–9):S257–64

Vascular reactivity in diabetes mellitus: possible role of insulin on the endothelial cell. Fortes ZB, et al. **Br J Pharmacol** 1984 Nov;83(3):635–43

Endoneurial blood flow and oxygen tension in the sciatic nerves of rats with experimental diabetic neuropathy. Tuck RR, et al. **Brain** 1984 Sep;107 (Pt 3):935–50

Sleep deficits in diabetic rats: restoration following chronic intravenous or intracerebroventricular infusions of insulin. Danguir J. **Brain Res Bull** 1984 Jun;12(6):641–5

Dietary tyrosine supplementation enhances weight gain in streptozotocin–diabetic rats. Glanville NT, et al. **Can J Physiol Pharmacol** 1984 Jul;62(7):781–6

The influence of chronic experimental diabetes on contractile responses of rat isolated blood vessels. MacLeod KM, et al. **Can J Physiol Pharmacol** 1985 Jan;63(1):52–7

Delayed afterdepolarizations and triggered activity in ventricular muscle from rats with streptozotocin–induced diabetes. Nordin C, et al. **Circ Res** 1985 Jul;57(1):28–34

Male sex hormone and nephropathy in Cohen diabetic rat. (Genetically selected sucrose fed). Cohen AM, et al. **Diabete Metab** 1984 Sep;10(3):199–205

Altered growth kinetics of dermal fibroblasts and arterial smooth muscle cells from spontaneously diabetic BB rats. Bowersox JC, et al. **Diabetes** 1985 Jul;34(7):628–33

Glucose–induced increases in renal hemodynamic function. Possible modulation by renal prostaglandins. Kasiske BL, et al. **Diabetes** 1985 Apr;34(4):360–4

Streptozocin–induced diabetes affects rat urinary bladder response to autonomic agents. Kolta MG, et al. **Diabetes** 1985 Sep;34(9):917–21

Abnormal insulin secretion in a streptozocin model of diabetes. Effects of insulin treatment. Leahy JL, et al. **Diabetes** 1985 Jul;34(7):660–6

Unresponsiveness to glucose in a streptozocin model of diabetes. Inappropriate insulin and glucagon responses to a reduction of glucose concentration. Leahy JL, et al. **Diabetes** 1985 Jul;34(7):653–9

Role of sympathetic nervous system in glucagon response to insulin hypoglycemia in normal and diabetic rats. Patel DG. **Diabetes** 1934 Dec;33(12):1154–9

Effect of tolbutamide on myocardial metabolism and mechanical performance of the diabetic rat. Tan BH, et al. **Diabetes** 1984 Dec;33(12):1138–43

Diabetogenic action of alloxan–like compounds: cytotoxic effects of 5–hydroxy–pseudouric acid and dehydrouramil hydrate hydrochloride on rat–pancreatic beta cells. Dominis M, et al. **Diabetologia** 1984 Sep;27(3):403–6

Insulin, glucagon, and somatostatin release from the prediabetic Chinese hamster. Frankel BJ, et al. **Diabetologia** 1984 Sep;27(3):387–91

Effects of streptozotocin–induced diabetes and noradrenaline infusion on cardiac output and its regional distribution in pithed rats. Lucas PD. **Diabetologia** 1985 Feb;28(2):108–12

Altered hypothalamic–pituitary function in the adult female rat with streptozotocin–induced diabetes. Spindler–Vomachka M, et al. **Diabetologia** 1985 Jan; 28(1):38–44

Pancreatic islet circulation in relation to the diabetogenic action of streptozotocin in the rat. Jansson L, et al. **Endocrinology** 1985 Mar;116(3):896–900

The positive inotropic effect of sodium arachidonate on auricles from diabetic rats. Canga L, et al. **Eur J Pharmacol** 1985 Mar 26;110(1):47–54

Delayed pulmonary maturation in the fetus of the streptozotocin–diabetic rat. Gewolb IH, et al. **Exp Lung Res** 1985;8(2–3):141–51

Motor nerve conduction velocity and nerve polyols in mice with short–term genetic or streptozotocin–induced diabetes. Whiteley SJ, et al. **Exp Neurol** 1985 Aug; 89(2):314–21

Protection of ovarian function by continuous light in alloxan diabetic rats. Biswas NM, et al. **Folia Biol (Krakow)** 1984; 32(1–2):13–6

Role of the adrenals in the development of streptozotocin (STR)–induced diabetes in male albino rats. Albrecht W, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:71–6

Effect of streptozotocin–diabetes and insulin treatment on regulation of Leydig cell function in the rat. Benitez A, et al. **Horm Metab Res** 1985 Jan;17(1):5–7

Release of glucagon–like immunoreactive material (GLI) from the isolated perfused jejunum of normal and diabetic rats. Wójcikowski C, et al. **Horm Metab Res** 1985 Feb; 17(2):105–6

beta–Adrenergic receptors, adenylate cyclase activity, and cardiac dysfunction in the diabetic rat. Atkins FL, et al. **J Cardiovasc Pharmacol** 1985 Jan–Feb;7(1):66–70

Reduced platelet–mediated and enhanced leukocyte–mediated fibrinolysis in experimentally induced diabetes in rats. Winocour PD, et al. **J Lab Clin Med** 1985 May;105(5):613–8

Alterations in the retinal dopaminergic neuronal system in rats with streptozotocin–induced diabetes. Nishimura C, et al. **J Neurochem** 1985 Aug;45(2):448–55

Experimental gentamicin nephrotoxicity: effect of streptozotocin–induced diabetes. Elliott WC, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):264–70

Nifedipine and alpha adrenoceptors in rat aorta. II. Role of extracellular calcium in enhanced alpha–2 adrenoceptor–mediated contraction in diabetes. Scarborough NL, et al. **J Pharmacol Exp Ther** 1984 Dec; 231(3):603–9

Abnormal cardiac rhythm in diabetic rats. Hekimian G, et al. **Life Sci** 1985 Aug 12;37(6):547–51

Hepatic and peripheral insulin resistance following streptozotocin–induced insulin deficiency in the dog. Bevilacqua S, et al. **Metabolism** 1985 Sep;34(9):817–25

Role of parasympathetic nervous system in glucagon response to insulin–induced hypoglycemia in normal and diabetic rats. Patel DG. **Metabolism** 1984 Dec; 33(12):1123–7

Properties of ICI 128,436, a novel aldose reductase inhibitor, and its effects on diabetic complications in the rat. Stribling D, et al. **Metabolism** 1985 Apr;34(4):336–44

The influence of streptozotocin–induced diabetes on myocardial contractile performance in vitro. Ojewole JA. **Methods Find Exp Clin Pharmacol** 1985 Mar;7(3):119–24

The influence of diabetic state on endotoxicosis. Lazar G, et al. **Microbios** 1985;43(172):31–42

Microvascular responses of intermediate–size arterioles on the cerebral surface of diabetic mice. Rosenblum WI, et al. **Microvasc Res** 1984 Nov;28(3):368–72

Myocardial excitation–contraction coupling in the fetus of alloxan–diabetic rabbit. Nakanishi T, et al. **Pediatr Res** 1984 Dec;18(12):1344–9

Experimental diabetes: reduction of serotonin–induced vasoconstriction by meclofenamic acid in vitro. Hagen AA, et al. **Pharmacology** 1985;30(4):197–204

Environment modulates naloxone's suppressive effect on feeding in diabetic and non–diabetic rats. Levine AS, et al. **Physiol Behav** 1985 Mar;34(3):391–3

Voluntary exercise, food intake, and plasma metabolites in streptozotocin–diabetic Syrian hamsters. Rowland N, et al. **Physiol Behav** 1985 Apr;34(4):635–40

Prevention of some electrophysiologic and biochemical abnormalities with oxygen supplementation in experimental diabetic neuropathy. Low PA, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6894–8

Predominance of hemodynamic rather than metabolic factors in the pathogenesis of diabetic glomerulopathy. Zatz R, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5963–7

Effects of diabetes on the dietary lipid alteration of R3230AC mammary carcinoma growth in rats. Feldman JM, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):105–12

Effect of antilymphocyte serum and neonatal thymectomy upon onset of diabetes in the Chinese hamster. Fletcher–McGruder BL, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):92–7

Multiple defects in the renin–angiotensin system in alloxan–diabetic kidney. Ho SC, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):297–303

Basal developed force and inotropic characteristics of myocardial tissue isolated from streptozotocin diabetic animals. Ramanadham S, et al. **Proc West Pharmacol Soc** 1984;27:197–200

Hypersensitivity to norepinephrine in vasa deferentia from diabetic rats. Possible participation of metabolic products of arachidonic acid. Peredo H, et al. **Prostaglandins Leukotrienes Med** 1984 Aug;15(2):229–39

Coronary vascular responsiveness to non–eicosanoid vasoconstrictors in the perfused diabetic rat heart. Roth DM, et al. **Res Commun Chem Pathol Pharmacol** 1984 Aug; 45(2):317–20

Effect of vanadate on elevated blood glucose and depressed cardiac performance of diabetic rats. Heyliger CE, et al. **Science** 1985 Mar 22;227(4693):1474–7

Platelet survival in streptozotocin–induced diabetic rats. Winocour PD, et al. **Thromb Haemost** 1984 Jul 29; 51(3):307–12

Insulin, glucagon and somatostatin content of the non–obese diabetic (NOD) mouse pancreas and plasma virus antibodies to Coxsackie B– and reoviruses. Tasaka Y, et al. **Tohoku J Exp Med** 1985 Jun;146(2):153–62

Acute insulin treatment normalizes the resistance to the cardiotoxic effect of isoproterenol in streptozotocin diabetic rats. A morphometric study of isoproterenol induced myocardial fibrosis. Gøtzsche O. **Virchows Arch [A]** 1985;405(2):193–201

[Growth sensitivity of granuloma tissue of normal and diabetic rats to the extract of calf blood (SS–094)] Takenaga K, et al. **Yakugaku Zasshi** 1984 Dec;104(12):1281–7 (Eng. Abstr.) (Jpn)

[Compensation of experimental insular insufficiency by altering the portal blood flow] Gal'perin EI, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):418–22 (Eng. Abstr.) (Rus)

[Changes in the adrenergic mechanisms regulating cardiac activity and coronary circulation in experimental diabetes mellitus] Neshcheret AP. **Kardiologiia** 1985 Apr;25(4):94–8 (Eng. Abstr.) (Rus)

PREVENTION & CONTROL

Partial protection against streptozotocin–induced hyperglycaemia by superoxide dismutase linked to polyethylene glycol. Asplund K, et al. **Acta Endocrinol (Copenh)** 1984 Nov;107(3):390–4

Prevention of diabetes mellitus in the BB/W rat with Cyclosporin–A. Like AA, et al. **Am J Pathol** 1984 Oct; 117(1):92–7

Administration of silica prevents diabetes in BB–rats. Oschilewski U, et al. **Diabetes** 1985 Feb;34(2):197–9

Dithisone diabetes in rabbits and its prevention by sulfhydryl and imidazole containing compounds. Lazaris JA, et al. **Endocrinol Exp (Bratisl)** 1984 Sep;18(3):157–67

PSYCHOLOGY

Patterns of nutrient selection in rats with streptozotocin–induced diabetes. Kanarek RB, et al. **Physiol Behav** 1984 Apr;32(4):639–45

RADIONUCLIDE IMAGING

111Indium–labelled lymphocytes do not image or label the pancreas of the BB/W rat. Gallina DL, et al. **Diabetologia** 1985 Mar;28(3):143–7

SURGERY

Intra–splenic transplantation of allogenic isolated pancreatic islets in nonimmunosuppressed rats. A morphological immunocytochemical study. Christova T, et al. **Anat Anz** 1985;158(5):395–403

Islet cell transplantation in diabetic dogs: studies of graft function and storage. Alderson D, et al. **Br J Surg** 1984 Oct;71(10):756–60

Islet transplantation in experimental diabetes of the rat. VIII. B–cell restoration following islet transplantation. Preliminary results. Richardt M, et al. **Horm Metab Res** 1984 Oct;16(10):551–2

Pancreatic islet allograft function in nonimmunosuppressed conscious mice. Wilson JD, et al. **Metabolism** 1985 Jan; 34(1):92–6

Encapsulated human islet transplants in diabetic rats. Altman JJ, et al. **Trans Am Soc Artif Intern Organs** 1984;30:382–6

[Models and perspectives of pancreas transplantation in the rat. I. Comparison of various transplantation models in the syngeneic system] Schang T, et al. **Langenbecks Arch Chir** 1985;363(4):227–34 (Eng. Abstr.) (Ger)

[Models and perspectives of pancreas transplantation in the rat. II. Course of rejection of pencreaticoduodenal transplants of various histoincompatibility and the effect of temporary therapy with cyclosporin (Sandimmun)] Timmermann W, et al. **Langenbecks Arch Chir** 1985; 363(4):235–43 (Eng. Abstr.) (Ger)

[Allogeneic segmental heterotopic pancreas transplantation in the dog with reference to various drainage technics] Abri O, et al. **Zentralbl Chir** 1985;110(13):821–34 (Eng. Abstr.) (Ger)

THERAPY

Successful long–term survival of pancreatic islet allografts in spontaneous or pancreatectomy–induced diabetes in dogs. Cyclosporine–induced immune unresponsiveness. Alejandro R, et al. **Diabetes** 1985 Aug;34(8):825–8

Observations on the metabolic effects of partial jejunoileal bypass in streptozotocin–treated rats. Morsiani E, et al. **Eur Surg Res** 1985;17(1):25–32

Islet transplantation in experimental diabetes of the rat. IX. In vitro culture reduces Ia–bearing cells in rat islets. Forsen JW, et al. **Horm Metab Res** 1984 Dec;16(12):671–2

A study on the anti–diabetic activity of Coccinia indica in dogs. Singh N, et al. **Indian J Med Sci** 1985 Feb;39(2):27–9, 42

Effect of endocrine pancreas allotransplantation on diabetic nerve dysfunction. Tze WJ, et al. **Metabolism** 1985 Aug; 34(8):721–5

Reversal of impaired renal function in rats with streptozotocin–induced diabetes by transplantation of isolated pancreatic islets: failure in preventing the progress of glomerulosclerosis. Yamamoto T, et al. **Nippon Geka Hokan** 1984 Nov 1;53(6):721-35

Reversal of diabetes by proislet isotransplantation. Simeonovic CJ, et al. **Transplant Proc** 1985 Apr; 17(2):1728-30

Allotransplantation and xenotransplantation of pseudoislets in diabetic rats and mice. Tze WJ, et al. **Transplantation** 1984 Oct;38(4):438-40

The effects of transplant mass on insulin release by collagenase-dispersed pancreatic fragments in the diabetic dog. Alderson D, et al. **World J Surg** 1984 Aug; 8(4):598-604

Islet autotransplantation in the pancreatectomized dog: effect of time on graft function. Alderson D, et al. **World J Surg** 1984 Aug;8(4):590-7

URINE

Effects of insulin on urinary calcium excretion by diabetic rats in the absence of blood glucose control. Hoskins B, et al. **Acta Diabetol Lat** 1984 Jul-Sep;21(3):263-73

DIABETES MELLITUS, INSULIN-DEPENDENT

Follow-up of children of insulin dependent (type I) and gestational diabetic mothers. Growth pattern, glucose tolerance, insulin response, and HLA types. Persson B, et al. **Acta Paediatr Scand** 1984 Nov;73(6):778-84

Comparison of type I and type II diabetes. Similarities and dissimilarities in etiology, pathogenesis, and complications. **Adv Exp Med Biol** 1985;189:1-351

The incidence of neural tube defects in the fetus and neonate of the insulin-dependent diabetic woman [letter] Zacharias JF, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):797-8

Overestimation of creatinine due to interference of glucose 'in vitro'. Implications on creatinine clearance in diabetic patients. López-Montaño E, et al. **Arch Invest Med (Mex)** 1984 Oct-Dec;15(4):331-8 **(Eng, Spa)**

Brittle diabetes [editorial] Rizza RA, et al. **Diabetes Care** 1985 Jan-Feb;8(1):93-6

Outcome of pregnancy complicated by diabetes: experience with 232 patients in a 4 year period. Plehwe WE, et al. **Diabetes Res** 1984 Jul;1(2):67-73

Pregnancy and acute optic disc edema of juvenile-onset diabetes. Ward SC, et al. **Obstet Gynecol** 1984 Dec; 64(6):816-8

Results of transplantation of kidneys from diabetic donors. van Goor H, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:655-8

Oral antibiotic therapy for osteomyelitis of the foot in diabetic patients. Wilson KH, et al. **South Med J** 1985 Feb; 78(2):223-4

[The knowledge of parents and children about diabetes mellitus and the compensation status in the disease] Cernay J, et al. **Cesk Pediatr** 1984 Oct;39(10):576-80 (Eng. Abstr.) **(Slo)**

[Study of a summer camp for young diabetics] Bayo Recalde J, et al. **Med Clin (Barc)** 1985 Jun 1;85(1):1-5 (Eng. Abstr.) **(Spa)**

[Vacation camps for diabetic children] Pla Bartina JM. **Med Clin (Barc)** 1985 Jun 1;85(1):19-20 **(Spa)**

BLOOD

Evaluation of two methods of rapid blood-glucose monitoring by unskilled personnel during surgery. Madsbad S, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):649-51

Lipids, lipoproteins and apolipoproteins in type 1 (insulin-dependent) and type 2 (non-insulin-dependent) diabetes mellitus. Bittolo Bon G, et al. **Acta Diabetol Lat** 1984 Oct-Dec;21(4):315-24

Effects of somatostatin on the behaviour of thromboxane B2 and beta-thromboglobulin in type I diabetes. Gragnoli G, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):104-7

The importance of plasma free insulin and counterregulatory hormones for the recovery of blood glucose following hypoglycaemia in type 1 diabetics. Madsbad S, et al. **Acta Endocrinol (Copenh)** 1985 Feb;108(2):224-30

Increased peripheral venous somatostatin concentration and decreased glucagon response to arginine in patients with insulin dependent diabetes mellitus without residual B-cell function. Increased plasma SRIF in IDDM. Skare S, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):517-21

Growth hormone hyperproduction inducing some of the vicious circles in diabetes mellitus. Orskov H. **Acta Med Scand** 1985;217(4):343-6

Responses of plasma catecholamines to tilt in patients with diabetes mellitus. Sundkvist G, et al. **Acta Med Scand** 1984; 216(2):223-7

The effect of education and self-monitoring of blood glucose on glycosylated hemoglobin in type I diabetes. A controlled 18-month trial in a representative population. Terént A, et al. **Acta Med Scand** 1985;217(1):47-53

Self-monitoring of blood glucose in pregnant diabetics. A comparative study of the blood glucose level and course of pregnancy in pregnant diabetics on an out-patient regime before and after the introduction of methods for home analysis of blood glucose. Espersen T, et al. **Acta Obstet Gynecol Scand** 1985;64(1):11-4

Serum beta 2-microglobulin level in type I diabetes: its dependence on the duration of diabetes and the quality of metabolic control. Janssen FG, et al. **Acta Paediatr Hung** 1984;25(1-2):111-7

Influence of the maternal plasma glucose concentration at delivery on the risk of hypoglycaemia in infants of insulin-dependent diabetic mothers. Andersen O, et al. **Acta Paediatr Scand** 1985 Mar;74(2):268-73

Subclinical thyroid hormone abnormalities in type I diabetic children and adolescents. Relationship to metabolic control. Dorchy H, et al. **Acta Paediatr Scand** 1985 May;74(3):386-9

Insulin-stimulated glucose disposal in patients with type I (IDDM) and type II (NIDDM) diabetes mellitus. Reaven GM. **Adv Exp Med Biol** 1985;189:129-36

Glycemic responses to foods: possible differences between insulin-dependent and noninsulin-dependent diabetics. Jenkins DJ, et al. **Am J Clin Nutr** 1984 Nov;40(5):971-81

Management of the very young diabetic [editorial] Brouhard BH. **Am J Dis Child** 1985 May;139(5):446-7

Regulation of plasma vasopressin in insulin-dependent diabetes mellitus. Zerbe RL, et al. **Am J Physiol** 1985 Sep; 249(3 Pt 1):E317-25

Does central nervous system adaptation to antecedent glycemia occur in patients with insulin-dependent diabetes mellitus? Cryer PE. **Ann Intern Med** 1985 Aug;103(2):284-6

Pre-exercise snacks in diabetes mellitus [letter] Lowrey CH. **Ann Intern Med** 1985 Sep;103(3):476-7

Intensive insulin therapy reduces counterregulatory hormone responses to hypoglycemia in patients with type I diabetes. Simonson DC, et al. **Ann Intern Med** 1985 Aug; 103(2):184-90

Fibronectin in children with diabetes mellitus. Muhar U, et al. **Arch Dis Child** 1984 Oct;59(10):992-4

Essential fatty acids in diabetes and systemic lupus erythematosus (SLE) patients. Pottathil R, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):803-8

Red cell membrane proteins in insulin-dependent diabetes: differential effects of treatment with calcium and various proteases. Jones GL. **Biochem Med** 1984 Dec;32(3):398-403

Thromboxane B2 (TXB2) formation in clotting whole blood of healthy and diabetic humans in vitro. Beitz A, et al. **Biomed Biochim Acta** 1984;43(8-9):S455-8

Increased binding of fibrinogen to platelets in diabetes: the role of prostaglandins and thromboxane. DiMinno G, et al. **Blood** 1985 Jan;65(1):156-62

Triglyceride and cholesterol levels during pregnancy in type I, type II and gestational diabetic women. Botta RM, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2055-9

Effects of somatostatin on the behavior of thromboxane B2 and B-thromboglobulin in type 1 diabetes. Tanganelli I, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2047-53

Serum fructosamine concentration as measure of blood glucose control in type I (insulin dependent) diabetes mellitus. Baker JR, et al. **Br Med J [Clin Res]** 1985 Feb 2;290(6465):352-5

Serum fructosamine concentration as a measure of blood glucose control in type I diabetes mellitus [letter] Donnelly T, et al. **Br Med J [Clin Res]** 1985 Aug 10;291(6492):413

Mixing short and intermediate acting insulins in the syringe: effect on postprandial blood glucose concentrations in type I diabetics. Heine RJ, et al. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):204-5

Serum fructosamine concentration as a measure of blood glucose control in type I diabetes mellitus [letter] Hindle EJ, et al. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):676

Haemoglobin A1c concentrations in men and women with diabetes [letter] Kennedy L. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1230

Interval between insulin injection and eating in relation to blood glucose control in adult diabetics. Lean ME, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):105-8

Serum fructosamine concentration as measure of blood glucose control in insulin dependent diabetes [letter] Luqman W, et al. **Br Med J [Clin Res]** 1985 Apr 6; 290(6474):1075-6

Plasma insulin and glucose levels in diabetic patients undergoing continuous ambulatory peritoneal dialysis using insulin only in the dialysate. Dolgos ET, et al. **Cleve Clin Q** 1984 Winter;51(4):611-4

Glycated hemoglobin and diabetes: a case and an overview of the subject [clinical conference] Ladenson JH, et al. **Clin Chem** 1985 Jun;31(6):1060-7

Glucose transport in erythrocytes of diabetic and healthy children as related to hemoglobin A1c. Mortensen HB, et al. **Clin Chem** 1985 Aug;31(8):1387-9

The plasma and erythrocyte fatty acid composition of poorly controlled, insulin-dependent (type I) diabetic patients and the effect of improved metabolic control. van Doormaal JJ, et al. **Clin Chim Acta** 1984 Dec 29;144(2-3):203-12

The role of insulin in beta 2-receptor mediated hypokalemia [letter] Massara F, et al. **Clin Endocrinol (Oxf)** 1985 Feb; 22(2):227-30

Effect of plasma, serum and platelets from diabetics on DNA synthesis in cultured vascular smooth muscle cells. Umeda F, et al. **Clin Invest Med** 1985;8(1):35-40

Near-normal glycaemic control does not correct abnormal platelet reactivity in diabetes mellitus. Jackson CA, et al. **Clin Sci** 1984 Nov;67(5):551-5

Effect of long-term near-normoglycemia on the progression of diabetic nephropathy. Ciavarella A, et al. **Diabete Metab** 1985 Feb;11(1):3-8

Plasma fibronectin, factor VIII-related antigen and fibrinogen concentrations, and diabetic retinopathy. Davis TM, et al. **Diabete Metab** 1985 Jun;11(3):147-51

Somatostatin and counterregulatory hormone responses to hypoglycaemia in diabetics with and without autonomic neuropathy. Fernandez-Castaner M, et al. **Diabete Metab** 1985 Apr;11(2):81-6

Microheterogeneity of serum glycosyl albumin in diabetes mellitus. Ghiggeri GM, et al. **Diabete Metab** 1985 Jun; 11(3):157-64

The effect of continuous subcutaneous insulin infusion on serum lipids. Lawson P, et al. **Diabete Metab** 1984 Oct; 10(4):239-44

Plasma beta-thromboglobulin concentration at rest and after physical exercise in complicated and uncomplicated diabetes mellitus. Vicari AM, et al. **Diabete Metab** 1984 Oct;10(4):235-8

Effect of diabetes and its control on insulin-like growth factors in the young subject with type I diabetes. Amiel SA, et al. **Diabetes** 1984 Dec;33(12):1175-9

Hormonal responses to exercise in diabetic and nondiabetic pregnant patients. Artal R, et al. **Diabetes** 1985 Jun;34 Suppl 2:78-80

Plasma apolipoproteins AI, AII, B, CI, and E are glucosylated in hyperglycemic diabetic subjects. Curtiss LK, et al. **Diabetes** 1985 May;34(5):452-61

Production of 12-hydroxyeicosatetraenoic acid and vitamin E status in platelets from type I human diabetic subjects. Karpen CW, et al. **Diabetes** 1985 Jun;34(6):526-31

Impaired somatomedin generation test in children with insulin-dependent diabetes mellitus. Lanes R, et al. **Diabetes** 1985 Feb;34(2):156-60

Products of therapeutic insulins in the blood of insulin-dependent (type I) diabetic patients. Robbins DC, et al. **Diabetes** 1985 May;34(5):510-9

Influence of growth hormone on overnight insulin requirements in insulin-dependent diabetes. Skor DA, et al. **Diabetes** 1985 Feb;34(2):135-9

Incidence of hypoglycemic episodes in diabetic patients under continuous subcutaneous insulin infusion and intensified conventional insulin treatment: assessment by means of semiambulatory 24-hour continuous blood glucose monitoring. Arias P, et al. **Diabetes Care** 1985 Mar-Apr;8(2):134-40

Severe hypoglycemia in diabetic patients: frequency, causes, prevention. Casparie AF, et al. **Diabetes Care** 1985 Mar-Apr;8(2):141-5

The role of self-monitoring of blood glucose in the routine management of children with insulin-dependent diabetes mellitus. Daneman D, et al. **Diabetes Care** 1985 Jan-Feb; 8(1):1-4

Development of paper-strip test for 3-hydroxybutyrate and its clinical application. Harano Y, et al. **Diabetes Care** 1984 Sep-Oct;7(5):481-5

Potential pitfalls in the use of Glucoscan and Glucoscan II meters for self-monitoring of blood glucose. Laus VG, et al. **Diabetes Care** 1984 Nov-Dec;7(6):590-4

Self-monitoring of capillary blood glucose: changing the performance of individuals with diabetes. Mazze RS, et al. **Diabetes Care** 1985 May-Jun;8(3):207-13

Clinical utility of nonenzymatically glycosylated blood proteins as an index of glucose control. Schleicher ED, et al. **Diabetes Care** 1984 Nov-Dec;7(6):548-56

Frequency and accuracy of self-monitoring of blood glucose in children: relationship to glycemic control. Wing RR, et al. **Diabetes Care** 1985 May-Jun;8(3):214-8

The response of blood intermediary metabolite levels to 24 hours treatment with a blood glucose-controlled insulin infusion system in type 1 diabetes. Capaldo B, et al. **Diabetes Res** 1984 Nov;1(4):187-93

Effects of diabetic control and biosynthetic human insulin on blood rheology in established diabetics. Leiper JM, et al. **Diabetes Res** 1984 May;1(1):27-30

Glucagon and insulin hypoglycaemia [letter] Bolli GB. **Diabetologia** 1984 Oct;27(4):485

Moderate intake of sucrose does not impair metabolic control in pump-treated diabetic out-patients. Chantelau EA, et al. **Diabetologia** 1985 Apr;28(4):204-7

Platelet sensitivity in vitro to adenosine-5'-diphosphate and prostacyclin and diabetic retinopathy. Davis TM, et al. **Diabetologia** 1985 May;28(5):274-6

Hyperalaninaemia is an early feature of diabetes secondary to total pancreatectomy. Del Prato S, et al. **Diabetologia** 1985 May;28(5):277-81

Glycosylation of human fibrinogen in vivo. Lütjens A, et al. **Diabetologia** 1985 Feb;28(2):87-9

Increased arachidonic acid incorporation into platelet phospholipids in type 2 (non-insulin-dependent) diabetes [letter] Mikhailidis DP, et al. **Diabetologia** 1984 Aug; 27(2):242-3

Plasma glucagon and glucagon-like immunoreactive components in Type 1 (insulin-dependent) diabetic patients and normal subjects before and after an oral glucose load. Rovira A, et al. **Diabetologia** 1985 Feb;28(2):80-6

Increased erythrocyte aggregation in diabetes mellitus and its relationship to glycosylated haemoglobin and retinopathy. Satoh M, et al. **Diabetologia** 1984 Nov; 27(5):517-21

Serum magnesium in insulin-dependent diabetics and healthy subjects in relation to insulin secretion and glycemia during glucose-glucagon test. Menzel R, et al. **Exp Clin Endocrinol** 1985 Feb;85(1):81-8

Muscular exercise in type I-diabetics. II. Hormonal and metabolic responses to moderate exercise. Zander E, et al. **Exp Clin Endocrinol** 1985 Feb;85(1):95–104

Contact phase of coagulation in diabetes mellitus after aspirin administration. Patrassi GM, et al. **Folia Haematol (Leipz)** 1985;112(2):333–8

Serum C-peptide content in nutritional diabetes. Ahuja MM, et al. **Horm Metab Res** 1985 May;17(5):267–8

Red cell sorbitol and diabetic control. Akgün S, et al. **Horm Metab Res** 1985 Jul;17(7):355–7

Insulin binding to erythrocytes in children with type I diabetes mellitus before, and after insulin treatment. Ivarsson SA, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:171–4

Prostaglandin synthesis inhibition reduces platelet aggregation in diabetes mellitus. Jones DB, et al. **Horm Metab Res** 1985 Jan;17(1):42–3

TRH-induced growth hormone release in insulin-dependent diabetes mellitus. Krassowski J, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:119–22

The C-peptide response to glucagon injections in IDDM and NIDDM patients. Poulsen S, et al. **Horm Metab Res** 1985 Jan;17(1):39–40

Elevated levels of serum free non-glucose carbohydrates in juvenile diabetes. Radhakrishnamurthy B, et al. **Horm Metab Res** 1985 Apr;17(4):213–4

Different effects of metoclopramide and domperidone on GH release in type I male diabetics. Volpi R, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:131–3

Serum TSH, T4, T3, FT4, FT3, rT3, and TBG in youngsters with non-ketotic insulin-dependent diabetes mellitus. Bernasconi S, et al. **Horm Res** 1984;20(4):213–7

The effect of different types of Finnish bread on postprandial glucose response in diabetic patients. Heinonen L, et al. **Hum Nutr Appl Nutr** 1985 Apr;39(2):108–13

The growth hormone response to thyrotropin-releasing hormone in insulin-dependent diabetics involves a cholinergic mechanism. Chiodera P, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):794–7

Serum levels of insulin-like growth factor (IGF) and IGF binding protein in insulin-dependent diabetics during an episode of severe metabolic decompensation and the recovery phase. Rieu M, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):781–5

Fatty acid compositions of serum lipids, erythrocytes, and platelets in insulin-dependent diabetic women. Tilvis RS, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):741–5

Ketone body kinetics in humans: the effects of insulin-dependent diabetes, obesity, and starvation. Hall SE, et al. **J Lipid Res** 1984 Nov;25(11):1184–94

Meal intolerance in type 1 diabetes mellitus: influence of time interval between insulin therapy and meal intake. MacGillivray MH, et al. **J Med** 1984;15(5–6):417–35

Multivariate analysis of glycosylated haemoglobin in insulin-treated diabetics. Child DF, et al. **J R Soc Med** 1985 Jul;78(7):549–51

Aggregate formation of erythrocytes and diabetic retinopathy in children, adolescents, and adults with diabetes mellitus (type I). Tillmann W, et al. **Klin Wochenschr** 1984 Dec 3;62(23):1136–9

Comparison of plasma insulin profiles after subcutaneous administration of insulin by jet spray and conventional needle injection in patients with insulin-dependent diabetes mellitus. Pehling GB, et al. **Mayo Clin Proc** 1984 Nov;59(11):751–4

Fibrinolysis in diabetes mellitus. Role of overweight and hypertriglyceridemia. Cucuianu M, et al. **Med Interne** 1984 Jul–Sep;22(3):171–7

Glucose counterregulation and waning of insulin in the Somogyi phenomenon (posthypoglycemic hyperglycemia). Bolli GB, et al. **N Engl J Med** 1984 Nov 8;311(19):1214–9

Threshold effect of plasma glucose in the glomerular hyperfiltration of diabetes. Wiseman MJ, et al. **Nephron** 1984;38(4):257–60

Blood glucose monitoring in childhood diabetes. Connors MH. **Nurse Pract** 1984 Sep;9(9):30, 32, 62

Blood glucose monitoring at home. Duckles A, et al. **NY State J Med** 1984 Dec;84(12):589–90

Serum fructosamine in patients with diabetes mellitus. Baker J, et al. **NZ Med J** 1985 Jul 10;98(782):532–5

Goals and assessment of diabetic control. Scott DJ, et al. **NZ Med J** 1985 Jul 10;98(782):536–8

Glycosylated albumin and glycosylated proteins: rapidly changing indices of glycaemia in diabetic pregnancy. Leiper JM, et al. **Q J Med** 1985 Jun;55(218):225–31

Serum beta-hexosaminidase and alpha-L-fucosidase in relation to glycosylated hemoglobin in juvenile 'diabetes mellitus'. Orlacchio A, et al. **Quad Sclavo Diagn** 1984 Sep;20(3):271–5

Evaluation of a new blood glucose reflectance meter and comparison with visually interpreted strips. Kalk WJ, et al. **S Afr Med J** 1985 Mar 16;67(11):407–9

Metabolic responses to physical training in young insulin-dependent diabetics. Bævre H, et al. **Scand J Clin Lab Invest** 1985 Apr;45(2):109–14

Abnormal conjugated dopamine levels in patients with normoprolactinaemic amenorrhoea and in insulin-dependent diabetic patients. Hagen C, et al. **Scand J Clin Lab Invest** 1985 Sep;45(5):405–11

Glycosylated haemoglobin and serum insulin antibodies in type I diabetes. Gray RS, et al. **Scott Med J** 1984 Jul;29(3):150–3

Increased levels of HDL-cholesterol and apolipoprotein A-I after intensified insulin therapy for diabetes. Wilson DP, et al. **South Med J** 1985 Jun;78(6):636–8

Possible participation of adenosine 5'-diphosphate, arachidonic acid and paf-acether in the platelet pro-aggregating effect of uncontrolled insulin-dependent diabetic erythrocytes in vitro. Juhan-Vague I, et al. **Thromb Res** 1985 Apr 1;38(1):83–9

Plasma beta-thromboglobulin is correlated with platelet adhesiveness to bovine endothelium in patients with diabetes mellitus. Rosove MH, et al. **Thromb Res** 1985 Jan 15;37(2):251–8

ApoE-2/E-3 ratio of very low density lipoprotein in diabetes mellitus. Sano R, et al. **Tohoku J Exp Med** 1985 Jun;146(2):131–6

Duration of type I diabetes affects glucagon and glucose responses to insulin-induced hypoglycemia. Lorenzi M, et al. **West J Med** 1984 Oct;141(4):467–71

[Serum high-density lipoprotein cholesterol and its subclasses in normal subjects, diabetics and coronary patients] Wang ZQ. **Chung Hua Nei Ko Tsa Chih** 1985 Apr;24(4):200–3, 253–4 (Eng. Abstr.) (Chi)

[Hemocoagulation changes in patients with type I diabetes mellitus in renal insufficiency] Charvát J, et al. **Cas Lek Cesk** 1985 Jul 5;124(27):856–9 (Eng. Abstr.) (Cze)

[The relation of glycosylated proteins in blood to the state of compensation in diabetes mellitus] Skrha J, et al. **Cas Lek Cesk** 1985 Jun 21;124(25):783–6 (Eng. Abstr.) (Cze)

[The significance of determining the daily blood glucose profile for the evaluation of compensation in diabetes] Perušičová J, et al. **Sb Lek** 1985 Jul;87(7):185–92 (Eng. Abstr.) (Cze)

[Self-determination of blood glucose with Visidex reagent strips] Espersen T, et al. **Ugeskr Laeger** 1984 Jul 9;146(28):2089–90 (Eng. Abstr.) (Dan)

[Bromocriptine and the growth hormone response to thyroliberin in the insulin-dependent diabetic] Blickle JF, et al. **Ann Endocrinol (Paris)** 1984;45(3):161–4 (Eng. Abstr.) (Fre)

[Assay of C-peptide in diabetes in children and adolescents] Jos J, et al. **Ann Med Interne (Paris)** 1984;135(6):416–9 (Eng. Abstr.) (Fre)

[Effect of metabolic control on plasma lipids and lipoproteins in insulin-dependent diabetes in children and adolescents] Jos J, et al. **Diabete Metab** 1985 Jun;11(3):174–80 (Eng. Abstr.) (Fre)

[Plasma glucose and C-peptide after ingestion of sucrose and starch in controlled insulin-dependent diabetics. Importance of glucose availability] Villaume C, et al. **Diabete Metab** 1984 Sep;10(3):206–10 (Eng. Abstr.) (Fre)

[Influence of metabolic and nutritional balance on platelet function in insulin-dependent diabetes] Monnier L. **Journ Annu Diabetol Hotel Dieu** 1984;:351–9 (20 ref.) (Fre)

[The 'dawn phenomenon' in diabetic patients] Kühnau J. **Dtsch Med Wochenschr** 1984 Sep 21;109(38):1464–5 (Ger)

[Severe phosphate depletion in uncontrolled diabetes mellitus (case report)] Pupp-Thaler R, et al. **Infusionsther Klin Ernahr** 1984 Oct;11(5):276–80 (Eng. Abstr.) (Ger)

[Comparison of various methods for determining glycosylated hemoglobins] Schlebusch H, et al. **Klin Wochenschr** 1984 Aug 16;62(16):787–92 (Eng. Abstr.) (Ger)

[Nocturnal hypoglycemia in type-I diabetics, an underestimated risk?] Vonesch HJ, et al. **Schweiz Med Wochenschr** 1984 Nov 24;114(47):1674–8 (Eng. Abstr.) (Ger)

[Tooth extraction in diabetics with reference to blood and urinary glucose values] Rennefarth I. **Z Arztl Fortbild (Jena)** 1984;78(23):1005–6 (Ger)

[Antipyrine clearance as a measure of drug metabolism in patients with diabetes mellitus] Oltmanns D, et al. **Z Gastroenterol** 1984 Oct;22(10):598–601 (Eng. Abstr.) (Ger)

[Relation between glycohemoglobin, hypoxia parameters and diabetic microangiopathy] Gräfenstein K, et al. **Z Gesamte Inn Med** 1985 Apr 15;40(8):229–31 (Eng. Abstr.) (Ger)

[Longitudinal studies on the prognostic significance of plasma fibrinogen in diabetes mellitus] Schmechel H, et al. **Z Gesamte Inn Med** 1984 Sep 15;39(18):453–7 (Eng. Abstr.) (Ger)

[Management of diabetics based on blood sugar levels obtained by home-tested blood samples using filter paper] Petrányi G Jr. **Orv Hetil** 1984 Nov 4;125(45):2749–51 (Eng. Abstr.) (Hun)

[Peroxide hemolysis of the red blood cells of diabetic children] Román F, et al. **Orv Hetil** 1984 Nov 18;125(47):2853–6 (Eng. Abstr.) (Hun)

[Various biohumoral parameters (blood triglycerides, blood cholesterol, blood uric acid, blood electrolytes) after automatic control by an artificial pancreas in subjects with type I diabetes mellitus] Sinagra D, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1691–5 (Eng. Abstr.) (Ita)

[Correlations between blood viscosity and blood sugar levels in diabetic patients] Delsignore R, et al. **G Clin Med** 1984 Sep–Oct;65(9–10):381–7 (Eng. Abstr.) (Ita)

[Blood filterability at various filtration pressures: a study conducted on normal and diabetic subjects] Caimi G, et al. **Ric Clin Lab** 1985;15 Suppl 1:73–7 (Eng. Abstr.) (Ita)

[Experience of cardiopulmonary bypass for insulin dependent diabetes] Hoshino S, et al. **Kyobu Geka** 1984 Dec;37(13):1052–6 (Eng. Abstr.) (Jpn)

[Blood levels of alpha 1-antitrypsin and alpha 2-macroglobulin in children with diabetes mellitus] Symonides-Lawecka A, et al. **Pediatr Pol** 1984 Sep;59(9):725–30 (Eng. Abstr.) (Pol)

[Correlation between the C3 fraction of complement and magnesium levels in the erythrocytes and blood serum of patients with juvenile-onset diabetes mellitus] Tuszkiewicz-Misztal E, et al. **Pediatr Pol** 1984 Dec;59(12):979–84 (Pol)

[Antithrombin III, alpha 2-macroglobulin, alpha 1-antitrypsin and plasminogen in childhood diabetes] Kotschy M, et al. **Pol Tyg Lek** 1984 Apr 30;39(18):611–3 (Eng. Abstr.) (Pol)

[N-acetyl-beta-D-glucosaminidase activity in relation to blood glucose, serum fructosamine and type I diabetic nephropathy] Pinto C, et al. **Acta Med Port** 1985 Mar–Apr;6(3–4):97–102 (Eng. Abstr.) (Por)

[HDL cholesterol lipoprotein levels and the atherogenicity coefficient in males with diabetes mellitus and ischemic heart disease] Kudriakova SV, et al. **Kardiologiia** 1984 Nov;24(11):40–3 (Eng. Abstr.) (Rus)

[The importance of the radioimmunologic study of the impairment of insulin secretion as an atherogenic factor] Kniazev IuA, et al. **Med Radiol (Mosk)** 1984 Nov;29(11):37–40 (Eng. Abstr.) (Rus)

[Indicators of the phospholipid spectrum of blood serum and erythrocyte membranes in children with diabetes mellitus] Turkina TI, et al. **Pediatriia** 1985 Feb;(2):10–2 (Eng. Abstr.) (Rus)

[Heparin-dependent diabetogenic factor in the plasma of children with diabetes mellitus] Zhukovskii MA, et al. **Pediatriia** 1985 Feb;(2):7–9 (Eng. Abstr.) (Rus)

[Changes in immunochemical properties of serum ferritin after its post-translation modification with glucose in patients with diabetes mellitus] Andreeva AP, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):23–5 (Eng. Abstr.) (Rus)

[Blood serum proteins in diabetes mellitus. Euglobulin level] Efimov AS, et al. **Probl Endokrinol (Mosk)** 1984 Sep–Oct;30(5):22–8 (Eng. Abstr.) (Rus)

[Sensitivity to insulin in patients with diabetes mellitus] Levchenko TP. **Probl Endokrinol (Mosk)** 1984 Sep–Oct;30(5):13–6 (Eng. Abstr.) (Rus)

[Cause of dehydroascorbic acid accumulation in the blood of patients with insulin-dependent diabetes mellitus] Nikolaeva MIa, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):14–8 (Eng. Abstr.) (Rus)

[Clinical characteristics and hormonal-metabolic homeostasis in patients with insulin-dependent diabetes mellitus with stable and labile courses] Tikhonova EP, et al. **Ter Arkh** 1984;56(10):84–6 (Eng. Abstr.) (Rus)

[Blood levels of glycosylated hemoglobin and ATP in diabetes mellitus in children] Kniazev IuA, et al. **Vopr Med Khim** 1985 May–Jun;31(3):67–71 (Eng. Abstr.) (Rus)

[Lipids in children with diabetes mellitus] Radivojević N, et al. **Srp Arh Celok Lek** 1984 Jan;112(1):63–71 (Eng. Abstr.) (Scr)

[Relation of the atherosclerosis index and fundus oculi findings in type II diabetics] Latinović S, et al. **Med Pregl** 1985;38(1–2):27–31 (Eng. Abstr.) (Scr)

[Influence of exercise on lipid metabolism in type 1 diabetes mellitus] Gaztambide Sáenz S, et al. **Med Clin (Barc)** 1984 Oct 6;83(10):411–3 (Eng. Abstr.) (Spa)

[The fallacy of glycosylated hemoglobin (letter)] Recasens A, et al. **Med Clin (Barc)** 1985 Jun 8;85(2):82–3 (Spa)

[Glycosylated hemoglobin: evaluation of labile and stable fractions in type I and type II diabetes] Rosel P, et al. **Med Clin (Barc)** 1985 Mar 9;84(9):349–52 (Eng. Abstr.) (Spa)

[Evaluation of the hypothalamo-hypophyseal-thyroid axis in type 1 diabetes mellitus before and after treatment with insulin] Salmerón de Diego J. **Med Clin (Barc)** 1984 Sep 22;83(8):326–9 (Eng. Abstr.) (Spa)

[The pancreatic reserve in diabetes mellitus by the determination of serum C-peptide using radioimmunoassay] Arteaga A, et al. **Rev Med Chil** 1984 Apr;112(4):321–9 (Eng. Abstr.) (Spa)

[Blood sugar measurement at home—the value of its inclusion in overall patient care] Snaedal J, et al. **Lakartidningen** 1984 Nov 28;81(48):4500–2 (Swe)

CLASSIFICATION

Basis of the present classification of diabetes. Bennett PH. **Adv Exp Med Biol** 1985;189:17–29

Heterogeneity within type II and MODY diabetes. Fajans SS. **Adv Exp Med Biol** 1985;189:65–87

Identification of some issues and questions to be answered in comparing type I and type II diabetes. Vranic M. **Adv Exp Med Biol** 1985;189:1–15

COMPLICATIONS

Transient hypogammaglobulinemia in newly diagnosed juvenile diabetes. Kanakoudi-Tsakalidis F, et al.

Acta Endocrinol [Suppl] (Copenh) 1984;265:29–30

Juvenile diabetes mellitus—a risk factor for postoperative venous thromboembolism? Bergqvist D, et al. **Acta Med Scand** 1985;217(3):307–8

The prevalence of retinopathy in insulin-dependent juvenile-onset diabetes mellitus—a fluorescein-angiographic study. Jerneld B, et al. **Acta Ophthalmol (Copenh)** 1984 Aug;62(4):617–30

The prevalence of cataract in insulin-dependent and non-insulin-dependent-diabetes mellitus. Nielsen NV, et al. **Acta Ophthalmol (Copenh)** 1984 Aug;62(4):595–602

Urinary tract infection in children with type I diabetes. Lindberg U, et al. **Acta Paediatr Scand** 1985 Jan;74(1):85–8

Fatal unresponsive villous atrophy of the jejunum, connective tissue disease and diabetes in a girl with intestinal epithelial cell antibody. Savilahti E, et al. **Acta Paediatr Scand** 1985 May;74(3):472–6

Insulin resistant diabetes mellitus associated with acanthosis nigricans and systemic lupus erythematosus in a Nigerian male. Beila AF, et al. **Afr J Med Med Sci** 1985 Mar–Jun;14(1–2):71–4

Primary sclerosing cholangitis occurring in a patient with systemic lupus erythematosus and diabetes mellitus. Alberti-Flor JJ, et al. **Am J Gastroenterol** 1984 Nov;79(11):889–91

Recurrent diabetic ketoacidosis. Fulop M. **Am J Med** 1985 Jan;78(1):54–60

Factitious brittle diabetes mellitus. Schade DS, et al. **Am J Med** 1985 May;78(5):777–84

Diabetes and spontaneous abortion [letter] Kalter H. **Am J Obstet Gynecol** 1985 Jul 1;152(5):603–4

Spontaneous abortion among insulin-dependent diabetic women. Miodovnik M, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):372–6

Insulin dependent diabetes and goitre in a case of hypomelanosis of Ito (Incontinentia Pigmenti Achromians). Ong B, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):317–9

Assessment of complications in children with insulin-dependent diabetes mellitus. Tan SH, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):266–71

Reversal of azoospermia in an insulin dependent diabetic. Tay HH, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):310–1

Treatment of diabetic diarrhea with clonidine. Fedorak RN, et al. **Ann Intern Med** 1985 Feb;102(2):197–9

Abnormal breathing patterns during sleep in diabetes. Mondini S, et al. **Ann Neurol** 1985 Apr;17(4):391–5

Vitreous hemorrhage following paracentesis in a diabetic with epipapillary neovascularization [letter] Jost BF, et al. **Arch Ophthalmol** 1985 Jul;103(7):891, 894

Localized granuloma annulare is associated with insulin-dependent diabetes mellitus. Muhlemann MF, et al. **Br J Dermatol** 1984 Sep;111(3):325–9

Abnormalities of cardiac conduction in diabetics. Blandford RL, et al. **Br Med J [Clin Res]** 1984 Dec 15;289(6459):1659

Effect of nicardipine in a hypertensive patient with diabetes mellitus. Sakata S, et al. **Clin Ther** 1984;6(5):600–2

Hemorrhage into planter callus and diabetes mellitus. Rosen RC, et al. **Cutis** 1985 Apr;35(4):339–41

Arthritis in a 15-year-old boy with juvenile diabetes mellitus. Daugbjerg PS, et al. **Dan Med Bull** 1984 Aug;31(4):346–7

Diabetes mellitus and skin diseases in childhood. Montagnani A, et al. **Dermatologica** 1985;170(2):65–8

Angioedematous urticaria in a diabetic patient successfully treated with nifedipine [letter] Bernstein RK. **Diabetes Care** 1985 Mar–Apr;8(2):197–8

The diabetic driver [editorial] Lasché EM. **Diabetes Care** 1985 Mar–Apr;8(2):189–91

Incidence and management of severe hypoglycemia in 434 adults with insulin-dependent diabetes mellitus. Mühlhauser I, et al. **Diabetes Care** 1985 May–Jun;8(3):268–73

Attitudes of diabetic men after implantation of a semi-rigid penile prosthesis. Peterson HR, et al. **Diabetes Care** 1985 Mar–Apr;8(2):156–60

Isolated ACTH deficiency contributing to frequent hypoglycemia in type I diabetes [letter] Sandler R, et al. **Diabetes Care** 1985 May–Jun;8(3):302–4

Are insulin dependent diabetics in the West of Scotland prone to nutritional deficiencies? Hutchison AS, et al. **Diabetes Res** 1985 Jan;2(1):35–6

Frequency of cancer among insulin-treated diabetic patients in Denmark. Green A, et al. **Diabetologia** 1985 Mar;28(3):128–30

Diabetes in part-aborigines of Western Australia. Stanton KG, et al. **Diabetologia** 1985 Jan;28(1):16–21

Clinical macrovascular disease in Caucasoid diabetic subjects: logistic regression analysis of risk variables. Welborn TA, et al. **Diabetologia** 1984 Dec;27(6):568–73

Transient acute disc swelling associated with improved metabolic control in an adolescent with type-1 diabetes: role of dexamethazone therapy. Dorchy H, et al. **Eur J Pediatr** 1985 Jan;143(3):187–90

Coexistent coeliac disease, Graves' disease and diabetes mellitus type 1 in a patient with Down syndrome. Ruch W, et al. **Eur J Pediatr** 1985 May;144(1):89–90

Hyperlipidemia: forestalling complications in older diabetics. Chait A. **Geriatrics** 1985 Apr;40(4):71–3, 76–8 (12 ref.)

A confused diabetic with fever, pain, nausea. Kennedy DJ, et al. **Hosp Pract [Off]** 1985 May 30;20(5A):19–21

The prevalence of corneal arcus senilis in known insulin-dependent diabetic patients. Alexander LJ. **J Am Optom Assoc** 1985 Jul;56(7):556-9

Effect of metoclopramide in diabetic gastroparesis. Ricci DA, et al. **J Clin Gastroenterol** 1985 Feb;7(1):25–32

Prevalence of anorexia nervosa and bulimia among young diabetic women. Hudson JI, et al. **J Clin Psychiatry** 1985 Mar;46(3):88–9

Treatment of anorexia nervosa in a young adult patient with diabetes mellitus. Malone GL, et al. **J Nerv Ment Dis** 1985 Aug;173(8):509–11

Cardiac output in infants of insulin-dependent diabetic mothers. Walther FJ, et al. **J Pediatr** 1985 Jul;107(1):109–14

Anorexia nervosa and bulimia in diabetics. Szmukler GI. **J Psychosom Res** 1984;28(5):365–9

Progressive bacterial synergistic gangrene in patient with diabetes mellitus. Archer CB, et al. **J R Soc Med** 1984;77 Suppl 4:1–3

Prazosin-induced priapism in a diabetic [letter] Adams JW, et al. **J Urol** 1984 Dec;132(6):1208

Penile neuropathy in insulin-dependent diabetes mellitus. Lin JT, et al. **J Urol** 1985 Feb;133(2):213–5

Rapid development during puberty of proliferative retinopathy after strict diabetic control [letter] Lawrence JR, et al. **Lancet** 1985 Aug 10;2(8450):332

Pregnancy outcome in women with diabetes and other autoimmune diseases [letter] Saad E, et al. **Lancet** 1984 Dec 1;2(8414):1283–4

One minute with diabetes. DeLawter DE. **Md State Med J** 1984 Nov;33(11):869

Treatment of premature labor in insulin-dependent diabetic women. Miodovnik M, et al. **Obstet Gynecol** 1985 May;65(5):621–7

Isolated adrenocorticotropic hormone deficiency with antepartum pituitary infarction in a type I diabetic. Wieland RG, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):58S–59S

Cutaneous manifestations of diabetes mellitus in children. Edidin DV. **Pediatr Dermatol** 1985 Mar;2(3):161–79 (156 ref.)

Malignant diabetes mellitus—a case report. Lithner F, et al. **Ups J Med Sci** 1985;90(1):49–54

Bilateral emphysematous pyelonephritis. Zabbo A, et al. **Urology** 1985 Mar;25(3):293–6

[Juvenile diabetic cheiroarthropathy] Koev D, et al. **Vutr Boles** 1984;23(6):90–4 (Eng. Abstr.) (Bul)

[Drug-induced hepatitis in a diabetic patient] Kaniola I, et al. **Duodecim** 1985;101(6):587–90 (Eng. Abstr.) (Fin)

[Insulin resistance and acanthosis nigricans] Lambert AE, et al. **Acta Clin Belg** 1985;40(3):149–54 (Eng. Abstr.) (Fre)

[Acute edematous capillaropathy in insulin-dependent diabetic patients. Apropos of 2 cases] Hochart G, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):491–5 (Eng. Abstr.) (Fre)

[Diabetic optic neuropathy in pregnancy] Malbrel C. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):463–4 (Eng. Abstr.) (Fre)

[Esophageal stenosis related to the ingestion of phenoxymethylpenicillin in an insulin-dependent diabetic (letter)] Brochet E, et al. **Presse Med** 1984 Nov 3;13(39):2392 (Fre)

[Effect of clinical hyperthyroidism and hypothyroidism on patent diabetes. 59 cases] Hirbli K, et al. **Presse Med** 1985 Jan 12;14(1):17–21 (Eng. Abstr.) (Fre)

[Cutaneous mucormycosis in a diabetic woman. Diagnostic and therapeutic problems] Eschard JP, et al. **Rev Med Interne** 1984 Nov;5(4):298–302 (Eng. Abstr.) (Fre)

[The association of diabetes mellitus, chronic renal insufficiency and reactional perforating collagenosis: apropos of a case] Panzini H, et al. **Union Med Can** 1985 May;114(5):411–4 (Eng. Abstr.) (Fre)

[Gallbladder contractility, cholelithiasis and autonomic neuropathy in diabetes mellitus] Vogelberg KH, et al. **Dtsch Med Wochenschr** 1984 Nov 9;109(45):1712–5 (Eng. Abstr.) (Ger)

[Necrobiosis lipoidica in a patient with bronze diabetes] Graudal C, et al. **Hautarzt** 1984 Aug;35(8):418–20 (Eng. Abstr.) (Ger)

[Malignant external otitis in a young diabetic—successful azlocillin treatment] Ganz H. **HNO** 1984 Oct;32(10):431–2 (Eng. Abstr.) (Ger)

[Driving fitness and administrative fitness in diabetes mellitus] Kühnau J. **Off Gesundheitswes** 1984 Sep;46(9):470–2 (Ger)

[Epileptic manifestations in type 1 diabetes] Huracek J, et al. **Schweiz Rundsch Med Prax** 1984 Jun 12;73(24):753–7 (Eng. Abstr.) (Ger)

[Preparation and implementation of kidney transplantation in patients with terminal renal failure and type I diabetes] Templin R, et al. **Z Urol Nephrol** 1985 Apr;78(4):215–9 (Eng. Abstr.) (Ger)

[Neglected diseases in pedodontics] Bollobás E. **Fogorv Sz** 1985 Jul;78(7):211–5 (Eng. Abstr.) (Hun)

[Simultaneous incidence of celiac disease and diabetes mellitus] Barta L, et al. **Orv Hetil** 1985 Jun 9;126(23):1411–3 (Eng. Abstr.) (Hun)

[Autonomic cardiopathy in diabetes mellitus] Kempler P, et al. **Orv Hetil** 1984 Dec 30;125(53):3219–24 (Eng. Abstr.) (Hun)

[Scleredema adultorum associated with diabetes mellitus] Aloi FG, et al. **G Ital Dermatol Venereol** 1984 Sep–Oct;119(5):341–4 (Eng. Abstr.) (Ita)

[Necrobiosis lipoidica diabeticorum in type 1 diabetes in children] Toni A, et al. **G Ital Dermatol Venereol** 1984 Nov–Dec;119(6):391-4 (Eng. Abstr.) (Ita)

[Diabetic osteoarthropathy. Considerations on a clinical case] Varotti C, et al. **G Ital Dermatol Venereol** 1985 Jan–Feb;120(1):79–81 (Eng. Abstr.) (Ita)

[Latent arterial hypertension in type 1 diabetes. Ergometric evaluations in diabetics, non-diabetics and hypertensive non-diabetics] Iannelli M, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):269–73 (Eng. Abstr.) (Ita)

[Fiber-rich diet in the treatment of diabetics in renal failure] Parillo M, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):317–9 (Eng. Abstr.) (Ita)

[Treatment of hypertension in the diabetic with captopril] Lanza G, et al. **Minerva Med** 1985 Feb 11;76(5):183–4 (Eng. Abstr.) (Ita)

[Wolfram's syndrome. Presentation of a case] Cerutti F, et al. **Pediatr Med Chir** 1984 Jul–Aug;6(4):579–81 (Eng. Abstr.) (Ita)

[A case of diabetes mellitus with severe autonomic neuropathy and hypoxic depression] Itoh M, et al. **Nippon Naika Gakkai Zasshi** 1985 Mar;74(3):327–33 (Jpn)

[Results of fingernail-bed capillaroscopy in children with diabetes mellitus] Cislo M, et al. **Pediatr Pol** 1984 Aug;59(8):623–9 (Eng. Abstr.) (Pol)

[Diabetes mellitus and the kidneys] Siciński A. **Pol Arch Med Wewn** 1984 Nov;72(5):273–8 (Pol)

[Osteoporosis in patients with diabetes mellitus type 1 and 2. Roentgeno-morphometric evaluation and changes in various parameters of calcium-phosphorus metabolism] Gasińska T. **Pol Tyg Lek** 1984 Apr 30;39(18):603–7 (Eng. Abstr.) (Pol)

[Classification and epidemiology of arterial hypertension in patients with diabetes mellitus] Tatoń J, et al. **Pol Tyg Lek** 1984 Aug 20;39(34):1133–9 (23 ref.) (Pol)

[Headaches in patients with diabetes mellitus] Split W, et al. **Wiad Lek** 1984 Sep 15;37(18):1412–6 (Eng. Abstr.) (Pol)

[Autonomic cardiac neuropathy in patients with insulin-deficient diabetes mellitus] Vasiukova EA, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):9–14 (Eng. Abstr.) (Rus)

[Results of vitrectomy in the pre-proliferative and early proliferative stages of diabetic retinopathy] Fedorov SN, et al. **Vestn Oftalmol** 1984 Nov–Dec;(6):20–3 (Eng. Abstr.) (Rus)

[Insulin-dependent diabetes in children associated with other autoimmune diseases] Joka[illegible]ić R, et al. **Srp Arh Celok Lek** 1984 Jun;112(6):725–36 (Eng. Abstr.) (Scr)

[Diabetes and hypothyroidism] Vargas F, et al. **An Esp Pediatr** 1984 Dec;21(9):827–30 (Eng. Abstr.) (Spa)

[Prevalence and clinical aspects of cardiovascular vegetative neuropathy in a diabetic population] Fernández-Castañer M, et al. **Med Clin (Barc)** 1985 Feb 16;84(6):215–8 (Eng. Abstr.) (Spa)

[Metabolic control of diabetes mellitus. Its relation to diabetic retinopathy] Reynals E, et al. **Med Clin (Barc)** 1984 Oct 27;83(13):529–30 (Eng. Abstr.) (Spa)

[Hypothalamo-hypophyseal hypothyroidism in diabetes mellitus] Valdivielso Cañas L, et al. **Rev Clin Esp** 1984 Jul 15–31;174(1–2):53–5 (Eng. Abstr.) (Spa)

[Spontaneous recovery from ventricular fibrillation and asystole in a diabetic patient without apparent cardiopathy] García Cosío F, et al. **Rev Esp Cardiol** 1985 May–Jun;38(3):220–3 (Eng. Abstr.) (Spa)

CONGENITAL

[A case of congenital diabetes mellitus] Buz'ko EF, et al. **Pediatriia** 1984 Sep;(9):69–70 (Rus)

DIAGNOSIS

Diagnosis and management of diabetes mellitus in children. Traisman HS. **Compr Ther** 1984 Nov;10(11):6–12

Age of onset and type of diabetes. Laakso M, et al. **Diabetes Care** 1985 Mar–Apr;8(2):114–7

C-peptide measurement in the differentiation of type 1 (insulin-dependent) and type 2 (non-insulin-dependent) diabetes mellitus. Katzeff HL, et al. **Diabetologia** 1985 May;28(5):264–8

Identification of subjects with a high risk of developing type 1 (insulin-dependent) diabetes. Summary of a workshop held on 25 May 1984 at the Children's Hospital, Bern, Switzerland. Keller U, et al. **Diabetologia** 1985 Jan;28(1):57–8

Pregnancy in Ethiopian diabetic women. Lester FT. **Ethiop Med J** 1985 Jan;23(1):21–6

Prediction of type 1 diabetes mellitus—a report on three cases. Bruining GJ, et al. **Eur J Pediatr** 1985 Jan;143(3):175–8

Mauriac's syndrome revisited. Traisman HS, et al. **Eur J Pediatr** 1984 Sep;142(4):296–7

Evaluation of total protein excretion as a predictor of increased hemoglobin A1C levels in children with type 1 diabetes. Marr TJ, et al. **Int J Pediatr Nephrol** 1984 Jun;5(2):73–4

Predicting insulin dependent diabetes mellitus [letter] Wilkin TJ, et al. **Lancet** 1985 Jun 1;1(8440):1279–80

[Quality control of the self-measurement of blood sugar in unselected type 1 diabetics. The importance of patient training] Mühlhauser I, et al. **Dtsch Med Wochenschr** 1984 Oct 12;109(41):1553–7 (Eng. Abstr.) (Ger)

[Long-term course of type I-simulating type II-diabetes mellitus] Lohmann D, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(5):241–4 (Eng. Abstr.) (Ger)

[Iris angiography: follow-up studies of type I diabetics] Bernsmeier H, et al. **Fortschr Ophthalmol** 1985;82(1):112–4 (Eng. Abstr.) (Ger)

[Endocrine pancreas function in mucoviscidosis] Knöpfle G. **Klin Padiatr** 1985 Jan–Feb;197(1):13–20 (Eng. Abstr.) (Ger)

[Insulin-dependent diabetes: clinical aspects and therapy] Heinze E. **Monatsschr Kinderheilkd** 1984 Oct;132(10):803–6 (Eng. Abstr.) (Ger)

[Short latency somatosensory evoked potentials to peroneal nerve stimulation in juvenile diabetes mellitus] Hashimoto T, et al. **No To Hattatsu** 1985 Jul;17(4):314–7 (Eng. Abstr.) (Jpn)

[The chlorpropamide-alcohol test in diabetes mellitus] Babadzhanova GIu, et al. **Sov Med** 1984;(7):101–3 (Rus)

[Transient neonatal diabetes] Bórquez G, et al. **Rev Chil Pediatr** 1984 May–Jun;55(3):193–5 (Eng. Abstr.) (Spa)

DIET THERAPY

The effects of subject-selected high carbohydrate, low fat diets on glycemic control in insulin dependent diabetes mellitus. Hollenbeck CB, et al. **Am J Clin Nutr** 1985 Feb;41(2):293–8

Programming pre-exercise snacks to prevent post-exercise hypoglycemia in intensively treated insulin-dependent diabetics. Nathan DM, et al. **Ann Intern Med** 1985 Apr;102(4):483–6

A prospective comparison of 'conventional' and high carbohydrate/high fibre/low fat diets in adults with established type 1 (insulin-dependent) diabetes. McCulloch DK, et al. **Diabetologia** 1985 Apr;28(4):208–12

The effects of a high-carbohydrate low-fat cholesterol-restricted diet on plasma lipid, lipoprotein, and apoprotein concentrations in insulin-dependent (type I) diabetes mellitus. Hollenbeck CB, et al. **Metabolism** 1985 Jun;34(6):559–66

Diet-related knowledge, skill, and adherence among children with insulin-dependent diabetes mellitus. Lorenz RA, et al. **Pediatrics** 1985 May;75(5):872–6

[Guar gum in the treatment of diabetes and hypercholesterolemia] Uusitupa M, et al. **Duodecim** 1985;101(6):571–7 (Fin)

[New aspects of the diet in type 1 diabetes mellitus] Chantelau EA, et al. **Dtsch Med Wochenschr** 1985 Jan 11;110(2):71–5 (Ger)

[Diet, diabetes and atherosclerosis. Research on food consumption and on the influence of complex sugars and dietary fibers on the state of metabolic compensation in insulin-dependent and non-insulin dependent diabetic population] Arsenio L, et al. **Minerva Dietol Gastroenterol** 1984 Jul–Sep;30(3):321–48 (Eng. Abstr.) (Ita)

[Diet and metabolic control in diabetes mellitus. Influence of carbohydrates and dietary fiber] Tornaghi G, et al. **Minerva Dietol Gastroenterol** 1984 Jul–Sep;30(3):239–43 (Eng. Abstr.) (Ita)

[Diet of the insulin-dependent diabetic: different roles of carbohydrates and lipids] Santoro D, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):313–5 (Eng. Abstr.) (Ita)

[Diets with a high carbohydrate content and with fiber supplements in diabetes mellitus. I. Effect on blood sugar control] Calle Pascual AL, et al. **Med Clin (Barc)** 1984 Sep 15;83(7):271–5 (Eng. Abstr.) (Spa)

[Diets with a high carbohydrate content and fiber supplements in diabetes mellitus (II). Effect on lipid metabolism] Calle Pascual AL, et al. **Med Clin (Barc)** 1984 Sep 22;83(8):321–5 (Eng. Abstr.) (Spa)

DRUG THERAPY

Microalbuminuria and nerve conduction velocity in type-I diabetics during conventional therapy and during continuous i.v. insulin infusion. Morell B, et al. **Acta Diabetol Lat** 1984 Oct–Dec;21(4):303–13

Human (recombinant DNA) and porcine NPH insulins are unequally effective in diabetic patients. A comparative study using continuous blood glucose monitoring. Richard JL, et al. **Acta Diabetol Lat** 1984 Jul–Sep;21(3):211–7

The oxygen-release capacity of red blood cells in insulin-dependent diabetics after artificial pancreas. Torella R, et al. **Acta Diabetol Lat** 1984 Jul–Sep;21(3):281–6

Abnormal growth hormone levels in insulin-dependent diabetic patients under continuous subcutaneous insulin infusion and intensified conventional treatment. Arias P, et al. **Acta Endocrinol (Copenh)** 1984 Oct;107(2):250–5

Improved diabetic control in insulin-dependent diabetics treated with insulin and glibenclamide. Burke BJ, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):70–7

Diabetic retinopathy after one year of improved metabolic control obtained by continuous subcutaneous insulin infusion (CSII). Olsen T, et al. **Acta Ophthalmol (Copenh)** 1985 Jun;63(3):315–9

Ocular complications in insulin treated diabetes mellitus. An epidemiological study. Sjølie AK. **Acta Ophthalmol [Suppl] (Copenh)** 1985;172:1–77

Nonwarning hypoglycemia in drivers with diabetes. Haunz EA, et al. **Am Fam Physician** 1984 Oct;30(4):189–97

Insulin antibodies in diabetics after changeover from conventional NPH to highly purified insulin. Chandraprasert S, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):289–93

Immunotherapy of type I diabetes mellitus. Eisenbarth GS. **Ann Intern Med** 1985 Jun;102(6):846–8

Implantable infusion pump management of insulin resistant diabetes mellitus. Buchwald H, et al. **Ann Surg** 1985 Sep;202(3):278–82

Continuous subcutaneous insulin infusion in diabetes mellitus. A year's prospective trial. Davies AG, et al. **Arch Dis Child** 1984 Nov;59(11):1027–33

Bedtime insulin injections: an alternative regimen. Hinde FR, et al. **Arch Dis Child** 1985 Apr;60(4):311–5

Diabetes. II. Strict glycaemic control [editorial] Price DA. **Arch Dis Child** 1984 Sep;59(9):810–2

The Somogyi phenomenon [letter] **Arch Intern Med** 1985 Mar;145(3):575–6

Self-monitoring of blood glucose levels in diabetes. Principles and practice. Bergman M, et al. **Arch Intern Med** 1984 Oct;144(10):2029–34 (40 ref.)

Long-term follow-up of diabetic patients using insulin infusion pumps. Considerations for future clinical application. Leichter SB, et al. **Arch Intern Med** 1985 Aug;145(8):1409–12

Use of artificial pancreas and portable insulin infusion pumps in diabetes therapy: past, present, and future. Pfeiffer EF, et al. **Artif Organs** 1985 May;9(2):129–37

Insulin and oral hypoglycaemics. Best JD. **Aust Fam Physician** 1984 Oct;13(10):747–53

Syringes for diabetics [editorial] Bloom A. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):727–8

Rapid tightening of blood glucose control leads to transient deterioration of retinopathy in insulin dependent diabetes mellitus: the Oslo study. Dahl-Jørgensen K, et al. **Br Med J [Clin Res]** 1985 Mar 16;290(6471):811–5

Influence of insulin antibodies on pharmacokinetics and bioavailability of recombinant human and highly purified beef insulins in insulin dependent diabetics. Gray RS, et al. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1687–91

Increased risk of severe protamine reactions in NPH insulin-dependent diabetics undergoing cardiac catheterization. Stewart WJ, et al. **Circulation** 1984 Nov;70(5):788–92

Long term open loop intravenous insulin infusion in type I diabetes: feasibility, problems and promise. Zinman B, et al. **Clin Invest Med** 1984;7(4):199–204

Comparison of highly purified semi-synthetic insulin and highly purified porcine insulin in the treatment of type I diabetes: interim report of a multi-centre randomised single blind study. Birtwell AJ, et al. **Diabete Metab** 1984 Dec;10(5):295–8

Pharmacokinetics of insulin infused intra-peritoneally via portable pumps. Selam JL, et al. **Diabete Metab** 1985 Jun;11(3):170–3

Collaborative studies of the effects of continuous subcutaneous insulin infusion in insulin-dependent diabetes mellitus. Conclusions. The Kroc Collaborative Study Group. **Diabetes** 1985 Aug;34 Suppl 3:87–9

In vivo chloroquine-induced inhibition of insulin degradation in a diabetic patient with severe insulin resistance. Blazar BR, et al. **Diabetes** 1984 Dec;33(12):1133–7

Comparison of stereofundus photographs in patients with insulin-dependent diabetes during conventional insulin treatment or continuous subcutaneous insulin infusion. Canny CL, et al. **Diabetes** 1985 Aug;34 Suppl 3:50–5

Two-year experience with continuous subcutaneous insulin infusion in relation to retinopathy and neuropathy. Lauritzen T, et al. **Diabetes** 1985 Aug;34 Suppl 3:74–9

Sustained normoglycemia in newly diagnosed type I diabetic subjects. Short-term effects and one-year follow-up. Perlman K, et al. **Diabetes** 1984 Oct;33(10):995–1001

Clinical predictors of retinopathy and its progression in patients with type I diabetes during CSII or conventional insulin treatment. Testa MA, et al. **Diabetes** 1985 Aug;34 Suppl 3:61–8

Rarity of a marked 'dawn phenomenon' in diabetic subjects treated by continuous subcutaneous insulin infusion. Bending JJ, et al. **Diabetes Care** 1985 Jan–Feb;8(1):28–33

The evaluation of a pocket computer as an aid to insulin dose determination by patients. Chanoch LH, et al. **Diabetes Care** 1985 Mar–Apr;8(2):172–6

Absorption of subcutaneously infused insulin: influence of the basal rate pulse interval. Hildebrandt P, et al. **Diabetes Care** 1985 May–Jun;8(3):287–9

Improvement in metabolic control in diabetic adolescents by the use of increased insulin dose. Mann NP, et al. **Diabetes Care** 1984 Sep–Oct;7(5):460–4

'Locked in' syndrome following prolonged hypoglycemia [letter] Negreiros dos Anjos M. **Diabetes Care** 1984 Nov–Dec;7(6):613

Diabetes control and adolescents [letter] Rosenbloom AL. **Diabetes Care** 1985 May–Jun;8(3):304–5

Continuous peritoneal insulin infusion with portable pumps: factors affecting the operating life of the chronic catheter. Selam JL, et al. **Diabetes Care** 1985 Jan–Feb;8(1):34–8

Skin temperature changes during CSII in patients with diabetic neuropathy [letter] van Ballegooie E, et al. **Diabetes Care** 1984 Nov–Dec;7(6):612–3

Continuous intravenous insulin infusion in the management of brittle diabetes: etiologic and therapeutic implications. Williams G, et al. **Diabetes Care** 1985 Jan–Feb;8(1):21–7

Insulin pump treatment: effect on glucose homeostasis, metabolites, hormones, insulin antibodies and quality of life. Beck-Nielsen H, et al. **Diabetes Res** 1985 Jan;2(1):37–43

Treatment of type I diabetic with subcutaneous insulin resistance by a totally implantable insulin infusion device ('Infusaid'). Campbell IW, et al. **Diabetes Res** 1984 Jul;1(2):83–8

The effect of valproate on blood metabolite concentrations in spontaneously diabetic, ketoacidotic, BB/E Wistar rats. Turnbull DM, et al. **Diabetes Res** 1985 Jan;2(1):45–8

Facilitating intensive conventional insulin management using a manually operated syringe injector. Updike SJ, et al. **Diabetes Res** 1984 Sep;1(3):135–41

Sulphonylurea and insulin: combined treatment in type 1 (insulin-dependent) diabetes [letter] Burke BJ. **Diabetologia** 1985 Mar;28(3):182

Impaired insulin action in newly diagnosed type 1 (insulin-dependent) diabetes mellitus. Nankervis A, et al. **Diabetologia** 1984 Nov;27(5):497–503

myo-Inositol and sorbitol in erythrocytes from diabetic patients before and after sorbinil treatment. Popp-Snijders C, et al. **Diabetologia** 1984 Nov;27(5):514–6

Comparison of twice daily regimens of Actrapid and Monotard insulins. Akintewe TA. **East Afr Med J** 1985 Mar;62(3):196–9

The influence of CSII treatment on the function of the peripheral and visceral nerves in type I diabetics. Reichel G, et al. **Exp Clin Endocrinol** 1985 Feb;85(1):113–9

Near normalization of metabolism of IDDM: comparison of continuous subcutaneous (CSII) versus intraperitoneal (CIPII) insulin delivery. Gooch BR, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:190–4

Sulfonylureas enhance in vivo the effectiveness of insulin in type 1 (insulin dependent) diabetes mellitus. Pontiroli AE, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:167–70

Clinical use of monocomponent insulin & effect on insulin binding capacity. Shivgnanasundaram D, et al. **Indian J Med Res** 1984 May;79:652–6

The effects of intravenous insulin infusion on skin microcirculatory flow in Type 1 diabetes. Tooke JE, et al. **Int J Microcirc Clin Exp** 1985;4(1):69–83

Dietary practices of persons with diabetes during insulin pump therapy. Capper AF, et al. **J Am Diet Assoc** 1985 Apr;85(4):445–9

Insulin response to sulphonylureas in diabetes mellitus. Tripathy BB, et al. **J Assoc Physicians India** 1984 May;32(5):411–6

Sulfonylureas in insulin-dependent (type I) diabetes: evidence for an extrapancreatic effect in vivo. Pernet A, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):247–51

Human insulin therapy: the index case. Leichter SB, et al. **J Ky Med Assoc** 1984 Aug;82(8):367–8

Continuous subcutaneous insulin infusion (CSII). Wilson DP, et al. **J Okla State Med Assoc** 1985 Jul;78(7):211–4

Oral status of 'controlled' adolescent type I diabetics. Leeper SH, et al. **J Oral Med** 1985 Jul–Sep;40(3):127–33

Improved management of brittle-psychosocial diabetes by use of a portable insulin infusion pump. Noto RA, et al. **J Pediatr** 1985 Jul;107(1):100–2

Relationship of prospective diabetes control in pregnancy to neonatal cardiorespiratory function. Reller MD, et al. **J Pediatr** 1985 Jan;106(1):86–90

Semisynthetic human insulin and purified pork insulin do not differ in their biological potency. Arias P, et al. **Klin Wochenschr** 1984 Dec 17;62(24):1145–50

Trial of sulfonylurea in combination with insulin in the therapy of diabetes type I and II. Evidence against a primary extrapancreatic receptor effect. Bieger WP, et al. **Klin Wochenschr** 1984 Jul 2;62(13):631–9

Importance of early postprandial insulin delivery in insulin-dependent diabetics. Kerner W, et al. **Klin Wochenschr** 1984 Aug 1;62(15):738–44

Cyclosporin in diabetes [letter] Koivisto VA, et al. **Lancet** 1985 Feb 16;1(8425):401

Disappearance and reappearance of islet cell cytoplasmic antibodies in cyclosporin-treated insulin-dependent diabetics. Mandrup-Poulsen T, et al. **Lancet** 1985 Mar 16;1(8429):599–602

Implantable infusion pump for insulin delivery: past, present, and future. Buchwald H, et al. **Life Support Syst** 1985 Jan–Mar;3(1):51–3

Developmental and application of insulin infusion profiles for therapy of type-I diabetics with portable insulin infusion systems. Schulz G, et al. **Life Support Syst** 1984 Jul–Sep;2(3):189–200

Insulin therapy. A non-stop revolution [editorial] Cohen M, et al. **Med J Aust** 1984 Dec 8–22;141(12–13):772–3

Insulin dosage reduction. Evaluation of an education-stabilization programme for patients with insulin-dependent diabetes. Dansi GA, et al. **Med J Aust** 1984 Dec 8–22;141(12–13):789–91

alpha-Glucosidase inhibition improves postprandial hyperglycemia and decreases insulin requirements in insulin-dependent diabetes mellitus. Dimitriadis GD, et al. **Metabolism** 1985 Mar;34(3):261–5

Portable and implanted infusors. Different administration routes. Mirouze J, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):79–84

Lipohypertrophy and glomerulonephritis after the use of

aprotinin in an insulin-dependent diabetic [letter] Boag F, et al. **N Engl J Med** 1985 Jan 24;312(4):245–6
Insulin in the Somogyi phenomenon [letter] Orlander P. **N Engl J Med** 1985 Feb 14;312(7):444
Intranasal aerosolized insulin. Mixed-meal studies and long-term use in type I diabetes. Salzman R, et al. **N Engl J Med** 1985 Apr 25;312(17):1078–84
Strategy of insulin treatment in type I diabetes mellitus. Binder C, et al. **Neth J Med** 1985;28 Suppl 1:30–1
Does continuous subcutaneous insulin infusion (CSII) prolong the remission phase of insulin-dependent diabetic children? Preliminary findings of a randomized prospective study. de Beaufort CE, et al. **Neth J Med** 1985;28 Suppl 1:53–4
Continuous subcutaneous insulin infusion (CSII) in pregnancy. Van Ballegooie E, et al. **Neth J Med** 1985;28 Suppl 1:3–6
Remission of diabetes mellitus in pregnancy. Sagoskin AW. **Obstet Gynecol** 1985 Aug;66(2):280–2
Intensified conventional insulin therapy for the pregnant diabetic patient. Weiss PA, et al. **Obstet Gynecol** 1984 Nov; 64(5):629–37
Use of continuous insulin infusion therapy to achieve improved metabolic control. Chiumello G, et al. **Panminerva Med** 1984 Jul–Sep;26(3):171–5
Insulin infusion therapy. Potential benefits and risks. Bonner RA. **Postgrad Med** 1985 May 1;77(6):153–64
A clinical comparison of purified bovine and purified porcine insulins. Olczak SA, et al. **Postgrad Med J** 1985 Jan; 61(711):15–8
Primary allergy to monocomponent porcine insulin. Yap PK. **Postgrad Med J** 1985 Jul;61(717):629–30
The diabetic boy at boarding school. Briscoe JH. **Practitioner** 1984 Oct;228(1396):979–81
ACTH 1–17 effects in insulin dependent diabetes mellitus. Prando R, et al. **Ric Clin Lab** 1984 Apr–Jun;14(2):181–8
Human insulin: a double-blind clinical study of its effectiveness. DeLawter DE, et al. **South Med J** 1985 Jun; 78(6):633–5
The improved response in endogenous insulin due to continuous subcutaneous infusion of insulin therapy in juvenile diabetes. Amemiya S, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:713–7
Improved control in self-blood glucose monitoring insulin dependent diabetics treated with acarbose. Zimmet P, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:687–92
Continuous single-rate long-term insulin infusion using a totally implantable pump. Chute EP, et al. **Trans Am Soc Artif Intern Organs** 1984;30:387–9
Extracorporeal treatment of diabetes in man. Galletti PM, et al. **Trans Am Soc Artif Intern Organs** 1984;30:675–7
Intraperitoneal access survival. Kablitz C, et al. **Trans Am Soc Artif Intern Organs** 1984;30:652–6
[Long-term treatment with in insulin infusion pump in a juvenile diabetic complicated by thyrotoxicosis and strumectomy] Dvořáková L, et al. **Cas Lek Cesk** 1985 Feb 15;124(7):218–20 (Eng. Abstr.) (Cze)
[Current trends in the treatment of childhood diabetes] Akerblom H, et al. **Duodecim** 1985;101(5):498–509 (Fin)
[Insulin pumps for insulin-dependent diabetics] Millet P, et al. **Annee Ther Clin Ophtalmol** 1983;34:99–109 (Fre)
[Continuous insulin therapy by pump in children and adolescents. Fashion or progress?] Jean R, et al. **Arch Fr Pediatr** 1984 Nov;41(9):595–604 (78 ref.) (Fre)
[Treatment of diabetes mellitus with insulin infusions] Mirouze J, et al. **Bull Acad Natl Med (Paris)** 1984 Jan–Feb; 168(1–2):80–90 (Eng. Abstr.) (Fre)
[Sandoz-INSERM randomized trial of cyclosporine in type I insulin-dependent diabetes] Feutren G, et al. **Diabete Metab** 1985 Jun;11(3):191–3 (Fre)
[Symptoms and incidence of hypoglycemia in 100 insulin dependent diabetics] Gin H, et al. **Diabete Metab** 1984 Oct; 10(4):255–9 (Eng. Abstr.) (Fre)
[Treatment of insulin-dependent diabetes by continuous sub-cutaneous insulin perfusion] Berger M, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:175–82 (19 ref.) (Fre)
[The period of initial remission in insulin-dependent diabetes. Effect of optimized insulin therapy] Vague P, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:73–84 (56 ref.) (Fre)
[Remission of recently-appearing insulin-dependent diabetes mellitus: value of continuous infusion of insulin] Arlot S, et al. **LARC Med** 1984 Oct;4(8):475–8 (Eng. Abstr.) (Fre)
[The insulin pump in ambulatory diabetic therapy] Grimm JJ, et al. **Rev Med Suisse Romande** 1984 Sep;104(9):667–73 (Fre)
[Long-term therapy with human insulin. Clinical experiences] Sachse G, et al. **Dtsch Med Wochenschr** 1985 Mar 15;110(11):403–6 (Eng. Abstr.) (Ger)
[Intensified conventional insulin therapy—a particular task of the specialty clinic] Bergis K. **Fortschr Med** 1985 May 15;103(19):511–3 (Eng. Abstr.) (Ger)
[Blood glucose lowering by human insulins and highly purified porcine insulin. Metabolic study in insulin-injecting diabetics] Sailer D, et al. **Fortschr Med** 1985 May 15;103(19):527–30 (Eng. Abstr.) (Ger)
[Diabetes therapy with the insulin pump. Status inventory of advantages and disadvantages of instrument use] Schwing C. **Fortschr Med** 1985 Apr 18;103(15):86–7 (Ger)
[Diabetic retinopathy with continuous subcutaneous insulin infusion therapy (insulin pump)] Bernsmeier H, et al. **Fortschr Ophthalmol** 1984;81(3):267–70 (Eng. Abstr.) (Ger)
[Intensive diabetes therapy] Spuck W. **Internist (Berlin)** 1984 Dec;25(12):741–6 (Ger)
[Clinical experiences with the substitution of biosynthetic human insulin in children and adolescents with type 1 diabetes] Hürter P, et al. **Monatsschr Kinderheilkd** 1985 May;133(5):277–83 (Eng. Abstr.) (Ger)
[Early, long-lasting remission in diabetic children treated with monocomponent insulin] Soltész G, et al. **Orv Hetil** 1984 Dec 9;125(50):3031–4 (Eng. Abstr.) (Hun)
[Semisynthetic human insulin in the treatment of diabetes type I. Preliminary experience] Vitacolonna E, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1849–52 (Eng. Abstr.) (Ita)
[Lipodystrophy appearing during treatment with monocomponent insulin] De Mattia G, et al. **Clin Ter** 1984 Oct 31;111(2):169–70 (Eng. Abstr.) (Ita)
[Human insulin. Receptor affinity, acute effects and long-term treatment] Adezati L, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):181–92 (Eng. Abstr.) (Ita)
[Prospective evaluation of the insulin infusion test to establish the adequacy of glucose counterregulation during hypoglycemia in type 1 diabetics undergoing intensive insulin therapy] Bolli G, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):101–5 (Eng. Abstr.) (Ita)
[Conventional insulin therapy] Brunetti P, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):69–77 (40 ref.) (Eng. Abstr.) (Ita)
[Treatment of allergy to monocomponent porcine and bovine insulin with monocomponent human insulin] Bruni B, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):173–9 (Eng. Abstr.) (Ita)
[Treatment of diabetics with human-type insulin] Bucalossi A, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):193–5 (Eng. Abstr.) (Ita)
[Semisynthetic human insulin therapy of type 1 diabetics treated with a microinfusor. Preliminary notes on insulin requirements and antibody titer] Capani F, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):167–71 (Eng. Abstr.) (Ita)
[Ambulatory treatment of unstable diabetes with intraperitoneal insulin infusion. Long-term experience] Carta Q, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):95–9 (Eng. Abstr.) (Ita)
[Plasma levels of glucose and free insulin in diabetics after insulin administration using a traditional syringe and a jet injector] Coscelli C, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):309–12 (Eng. Abstr.) (Ita)
[Effect of metformin on changes in blood glycerol levels induced by glucagon in insulin-dependent diabetics] Ferlito S, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):265–8 (Eng. Abstr.) (Ita)
[Effect of human insulin on clinical remission and the immunologic aspect newly-diagnosed type 1 (insulin-dependent) diabetes mellitus] Giordano C, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):121–3 (Eng. Abstr.) (Ita)
[Insulin antibodies and immune complexes in long-term diabetics switched to monocomponent human insulin] Iavicoli M, et al. **Minerva Endocrinol** 1984 Apr–Jun; 9(2):115–20 (Eng. Abstr.) (Ita)
[Monocomponent human insulin and amino acid metabolism in type I diabetes mellitus] Lugari R, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):137–9 (Eng. Abstr.) (Ita)
[Treatment of type 1 diabetes with semisynthetic human insulin. 1 year's experience] Lunetta M, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):125–35 (Eng. Abstr.) (Ita)
[HDL cholesterol and insulin therapy in type 1 diabetes] Manicardi V, et al. **Minerva Endocrinol** 1984 Apr–Jun; 9(2):275–8 (Eng. Abstr.) (Ita)
[Italian experimentation with monocomponent human insulin. Summary of the 1st 3 years] Molinatti GM. **Minerva Endocrinol** 1984 Apr–Jun;9(2):107–10 (Eng. Abstr.) (Ita)
[24-hour profile of intermediate metabolites in diabetic patients treated with human insulin (HM, Novo)] Parenti M, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):141–5 (Eng. Abstr.) (Ita)
[HM insulins and serum binding capacity] Passariello N, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):147–9 (Eng. Abstr.) (Ita)
[Human monocomponent insulin in the metabolic control of diabetes mellitus in pediatric patients] Romano C, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):151–8 (Eng. Abstr.) (Ita)
[Initial results of treating children with type 1 diabetes mellitus with 'human' insulin] Stoppoloni G, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):163–5 (Eng. Abstr.) (Ita)
[Insulin therapy] Tiengo A, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):59–67 (Eng. Abstr.) (Ita)
[Effects of ticlopidine on the plasma levels of beta-thromboglobulin and thromboxane B2 in types 1 and 2 diabetics] Gragnoli G, et al. **Minerva Med** 1984 Jul 31; 75(30–31):1791–6 (Eng. Abstr.) (Ita)
[Effects of circulating anti-insulin antibodies on the kinetics of injected insulin in type I diabetes mellitus] Bolli GB, et al. **Recenti Prog Med** 1985 Jan;76(1):2–5 (Eng. Abstr.) (Ita)
[Optimum therapy of insulin-dependent diabetes mellitus] Sinagra D. **Recenti Prog Med** 1984 Sep;75(9):823–32 (55 ref.) (Eng. Abstr.) (Ita)
[Karyometric study of hepatocytes in diabetic patients treated with insulin or chlorpropamide] Rogoziński R, et al. **Pol Tyg Lek** 1984 Aug 20;39(34):1127–8 (Eng. Abstr.) (Pol)
[Comparative pharmacodynamic studies of insulin Maxirapid Polfa and Actrapid MC Novo using Biostator GCIIS] Sieradzki J. **Pol Tyg Lek** 1984 Apr 30;39(18):615–7 (Pol)
[Effect of metabolic compensation in diabetes mellitus on lipid peroxidation processes] Bodnar PN, et al. **Klin Med (Mosk)** 1984 Aug;62(8):98–101 (Eng. Abstr.) (Rus)
[Use of the biostator (artificial pancreas) in the treatment of patients with diabetes mellitus] Spesivtseva VG, et al. **Klin Med (Mosk)** 1984 Oct;62(10):55–60 (Rus)
[Lipodystrophy in children and adolescents with diabetes mellitus] Tebuev AM. **Pediatriia** 1984 Dec;(12):59–60 (Rus)
[Clinical course of diabetes mellitus in patients with insulin overdose] Demidova IIu. **Probl Endokrinol (Mosk)** 1984 Nov–Dec;30(6):10–4 (Rus)
[Chronic insulin overdose syndrome in children (Somogyi syndrome)] Vasiukova EA, et al. **Sov Med** 1984;(8):44–7 (48 ref.) (Rus)
[Analysis of the daily insulin requirements as determined by a biostator (artificial pancreas) in patients with insulin-dependent diabetes mellitus] Djurić DS, et al. **Srp Arh Celok Lek** 1983 Sep–Oct;111(9–10):1351–60 (Eng. Abstr.) (Scr)
[Treatment of juvenile diabetics with highly purified insulin preparations—effect on the formation insulin antibodies and metabolic compensation] Michalková D, et al. **Cesk Pediatr** 1985 Apr;40(4):219–23 (Eng. Abstr.) (Slo)
[Unstable type I diabetes mellitus: comparative study between intensive conventional treatment and continuous subcutaneous infusion of insulin] Levy I, et al. **Med Clin (Barc)** 1984 Oct 27;83(13):525–8 (Eng. Abstr.) (Spa)
[Control and complications of diabetes mellitus] Rojas Hidalgo E. **Med Clin (Barc)** 1985 Mar 23;84(11):443–4 (Spa)
[Islet beta-cell function in failures following sulfonylurea therapy in diabetics, by determination of serum C-peptide] Costamaillere L, et al. **Rev Med Chil** 1984 Dec; 112(12):1206–13 (Eng. Abstr.) (Spa)
[Recommendations for insulin treatment with a portable insulin pump] Gutniak M, et al. **Lakartidningen** 1984 Nov 28;81(48):4507–10 (Swe)
[Insulin pump in intractable diabetes during pregnancy] Leonhardt T, et al. **Lakartidningen** 1984 Nov 28; 81(48):4510–1 (Swe)
[Results of the Jönköping's study. Large-scale hypertensive drug therapy in diabetics] Nilsson S, et al. **Lakartidningen** 1985 Mar 20;82(12):1048–51 (Swe)

ENZYMOLOGY

The role of poly(ADP-ribose) synthetase in the development of insulin-dependent diabetes and islet B-cell regeneration. Okamoto H. **Biomed Biochim Acta** 1985;44(1):15–20
Serum enzymes in the BB rat before and after onset of the overt diabetic syndrome. Scott FW, et al. **Clin Biochem** 1984 Aug;17(4):270–5
Plasma EC-superoxide dismutase activity in insulin-dependent diabetic children. Marklund SL, et al. **Clin Chim Acta** 1984 Oct 15;142(3):299–305
Plasma renin activity in insulin-dependent diabetics with raised glomerular filtration rate. Wiseman MJ, et al. **Clin Endocrinol (Oxf)** 1984 Oct;21(4):409–14
[Enzymuria in childhood diabetes mellitus] Szabó A, et al. **Orv Hetil** 1985 Jan 13;126(2):71–2, 75 (Eng. Abstr.) (Hun)

ETIOLOGY

Hyperthyroidism following primary hypothyroidism in association with polyendocrine autoimmunity. Bell PM, et al. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):491–7
Near-total pancreatectomy for hyperinsulinism. Spontaneous remission of resultant diabetes. Gruppuso PA, et al. **Acta Paediatr Scand** 1985 Mar;74(2):311–5
Genetic and environmental influence in the epidemiology of noninsulin-dependent diabetes mellitus: a global perspective. Zimmet P, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):347–53
Pittsburgh diabetes mellitus study: studies on the etiology of insulin-dependent diabetes mellitus with special reference to viral infections. Drash A, et al. **Behring Inst Mitt** 1984 Jul;(75):58–72 (58 ref.)
Virus infection islet cell antibodies and islet cell function in type I diabetes mellitus. Helmke K, et al. **Behring Inst Mitt** 1984 Jul;(75):73–82
Diabetes heredity and disease: effects on humoral immunity and virus infection. Loria RM. **Behring Inst Mitt** 1984 Jul; (75):26–32
Mumps, mumps vaccination, islet cell antibodies and the first

manifestation of diabetes mellitus type I. Otten A, et al. **Behring Inst Mitt** 1984 Jul;(75):83–8
Studying the causes of type I diabetes [letter] Gralnek I, et al. **Diabetes Care** 1985 Jan–Feb;8(1):99–100
A clinical algorithm to determine the etiology of brittle diabetes. Schade DS, et al. **Diabetes Care** 1985 Jan–Feb;8(1):5–11
The etiology of incapacitating, brittle diabetes. Schade DS, et al. **Diabetes Care** 1985 Jan–Feb;8(1):12–20
Congenital rubella syndrome as a model for type 1 (insulin–dependent) diabetes mellitus: increased prevalence of islet cell surface antibodies. Ginsberg–Fellner F, et al. **Diabetologia** 1984 Jul;27 Suppl:87–9
Diet and insulin–dependent diabetes in the BB rat [letter] Scott FW, et al. **Diabetologia** 1985 Jan;28(1):59–61
Complications of mumps infection, islet–cell antibodies, and HLA. Mueller–Eckhardt G, et al. **Immunobiology** 1984 Oct;167(4):338–44
Stressful events and the onset of diabetes mellitus. Kisch ES. **Isr J Med Sci** 1985 Apr;21(4):356–8
A mechanism by which primary or secondary hypothalamic involvement results in the development of insulin–dependent diabetes mellitus (IDDM). Weekley LB. **J Theor Biol** 1984 Nov 7;111(1):171–82
Coxsackie B virus and juvenile–onset insulin–dependent diabetes [letter] **Lancet** 1985 Aug 24;2(8452):455–6
Is insulin–dependent diabetes mellitus caused by coxsackievirus B infection? A review of the epidemiologic evidence. Barrett–Connor E. **Rev Infect Dis** 1985 Mar–Apr;7(2):207–15 (61 ref.)
Diabetes mellitus and autoimmunity in patients with the congenital rubella syndrome. Ginsberg–Fellner F, et al. **Rev Infect Dis** 1985 Mar–Apr;7 Suppl 1:S170–6
An outbreak of coxsackievirus B infection followed by one case of diabetes mellitus. Niklasson BS, et al. **Scand J Infect Dis** 1985;17(1):15–8
The significance of certain epidemiological variants in the genesis of juvenile insulin–dependent diabetes mellitus—the need for a global program of co–operation. Krishnaswami CV, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:161–70
[Etiopathogenesis of insulin–dependent diabetes] Nemery A, et al. **Rev Med Liege** 1985 May 1;40(9):333–40 **(Fre)**
[Studies on the pathogenesis of type 1 diabetes mellitus—immunochemical studies with monoclonal islet cell surface antibody using hybridization of spleen lymphocytes from non–obese diabetic mice] Hari J. **Nippon Naibunpi Gakkai Zasshi** 1985 Jan 20;61(1):56–68 (Eng. Abstr.) **(Jpn)**
[Acute onset of insulin–dependent diabetes mellitus caused by Epstein–Barr virus infection] Chikazawa K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Mar;37(3):453–6 **(Jpn)**
[Etiology and development of insulin–dependent diabetes mellitus] Martynova MI. **Pediatriia** 1985 Jan;(1):43–7 **(Rus)**
[Diabetes mellitus type 1. Etiology and expectations in treatment] Blanco–López A, et al. **Bol Med Hosp Infant Mex** 1985 Feb;42(2):145–9 (16 ref.) (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

The genetics of type I and type II diabetes: analysis by recombinant DNA methodology. Permutt MA, et al. **Adv Exp Med Biol** 1985;189:89–106
Detection of genetic heterogeneity between families of insulin–dependent diabetes mellitus patients using linkage analysis. Harris EL, et al. **Am J Hum Genet** 1985 Jan;37(1):102–13
Genetic heterogeneity of insulin–dependent (type I) diabetes mellitus: evidence from a study of extended haplotypes. Rich SS, et al. **Am J Hum Genet** 1984 Sep;36(5):1015–23
HLA DR antigens and susceptibility to insulin–dependent diabetes mellitus. Thomson G. **Am J Hum Genet** 1984 Nov;36(6):1309–17
Linkage between the genes for Wolfram syndrome and brachydactyly E [letter] Bale AE, et al. **Am J Med Genet** 1985 Apr;20(4):733–4
DNA polymorphism and the susceptibility to diabetes. Yokoyama S. **Am J Med Genet** 1985 Aug;21(4):649–54
HLA and insulin dependent diabetes mellitus in Singaporean Chinese. Chan SH, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):215–8
HLA–DR antigens in Chinese children with insulin–dependent diabetes mellitus. Lee BW, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):219–22
HLA and Chinese patients with juvenile onset diabetes mellitus. Yeo PP, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):209–14
HLA–A, –B and –C specificities in insulin dependent diabetes mellitus in the Egyptian population. Guirguis FK, et al. **Ann Biol Clin (Paris)** 1985;43(3):233–7
Identification of an HLA–DQ beta–chain related genomic sequence associated with insulin–dependent diabetes. Michelsen B, et al. **Biomed Biochim Acta** 1985;44(1):33–6
Relation of gene expression (allotypes) of the fourth component of complement to insulin dependent diabetes and its microangiopathic complications. Mijovic C, et al. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):9–10
HLA and insulin–dependent diabetes mellitus. Fan LA, et al. **Chin Med J [Engl]** 1984 May;97(5):371–5
Necrobiosis lipoidica in two diabetic sisters. Seviour PW, et al. **Clin Exp Dermatol** 1985 Mar;10(2):159–61
Measuring the genetic contribution of a single locus to a multilocus disease. Rotter JI, et al. **Clin Genet** 1984 Dec;26(6):529–42
Factor B (Bf) and glyoxalase genes in insulin–dependent diabetes mellitus. Allannic H, et al. **Diabete Metab** 1985 Feb;11(1):22–6
HLA–DR antigen frequencies in a North Indian type I diabetic population. Bhatia E, et al. **Diabetes** 1985 Jun;34(6):565–7
Susceptibility to insulin–dependent diabetes defined by restriction enzyme polymorphism of HLA–D region genomic DNA. Owerbach D, et al. **Diabetes** 1984 Oct;33(10):958–65
Complement and HLA. Further definition of high–risk haplotypes in insulin–dependent diabetes. Rich S, et al. **Diabetes** 1985 May;34(5):504–9
Immunogenetics of insulin–dependent juvenile diabetes. Dausset J, et al. **Diabetes Res** 1984 Sep;1(3):115–23 (48 ref.)
Evaluation of recurrence risk in siblings of diabetic children: importance of age and birth order in relation to HLA genotypes. Deschamps I, et al. **Diabetes Res** 1984 Sep;1(3):125–30
In vitro inhibition of insulin release mediated by sera with complement–fixing islet cell antibodies belonging to normal first degree relatives of patients with type 1 diabetes. Sensi M, et al. **Diabetes Res** 1985 Jan;2(1):1–4
Interaction of HLA and immunoglobulin antigens in type 1 (insulin–dependent) diabetes. Field LL, et al. **Diabetologia** 1984 Nov;27(5):504–8
Will a three–allele model of inheritance explain the HLA data for type 1 (insulin–dependent) diabetes? Greenberg DA. **Diabetologia** 1985 Mar;28(3):122–7
Type 1 (insulin–dependent) diabetes and a highly variable locus close to the insulin gene on chromosome 11. Hitman GA, et al. **Diabetologia** 1985 Apr;28(4):218–22
Unusual association of insulin–dependent diabetes mellitus with congenital myasthenia gravis and autoimmune thyroid disease. Karp M. et al. **Isr J Med Sci** 1984 Nov;20(11):1078–81
Triad of markers for identifying children at high risk of developing insulin–dependent diabetes mellitus. Ginsberg–Fellner F, et al. **JAMA** 1985 Sep 20;254(11):1469–72
HLA–system in Chinese children with insulin–dependent diabetes mellitus: a strong association with DR3. Lee BW, et al. **Metabolism** 1984 Dec;33(12):1102–5
The relationship of chronic alcoholism and type I diabetes mellitus. A preliminary report. Bordy MD, et al. **Mo Med** 1985 Feb;82(2):84–6
Diabetes mellitus in offspring of diabetic mothers or fathers [letter] **N Engl J Med** 1984 Nov 1;311(18):1184–5
First–degree relatives of patients with type I diabetes mellitus. Islet–cell antibodies and abnormal insulin secretion. Srikanta S, et al. **N Engl J Med** 1985 Aug 22;313(8):461–4
A systematic study of HLA class II–beta DNA restriction fragments in insulin–dependent diabetes mellitus. Cohen–Haguenauer O, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3335–9
Progress in understanding the genetics of diabetes mellitus. Rimoin DL, et al. **Prog Clin Biol Res** 1985;177:393–412 (74 ref.)
The genetics of diabetes mellitus, including the South African perspective. Sandler M. **S Afr Med J** 1984 Sep 22;66(12):441–4 (57 ref.)
[The importance of studying pancreatic amylase induction in children of diabetic mothers] Stejskal J, et al. **Cesk Pediatr** 1985 Feb;40(2):79–84 (Eng. Abstr.) **(Cze)**
[Independence of retinopathy and optic atrophy in the DIDMOAD syndrome] Hennekes R, et al. **Klin Monatsbl Augenheilkd** 1984 Aug;185(2):100–4 (Eng. Abstr.) **(Ger)**
[Children of diabetic parents—on the question of developmental disorders in pregnancy with special reference to the so–called risk child] Theile U, et al. **Z Geburtshilfe Perinatol** 1985 Mar–Apr;189(2):79–83 (Eng. Abstr.) **(Ger)**
[Association between cumulative familial incidence of type I diabetes and rheumatoid arthritis] Pánczél P, et al. **Orv Hetil** 1985 May 26;126(21):1281–4, 1287–9 (Eng. Abstr.) **(Hun)**
[HLA and type–1 diabetes: a prospective study of all new cases diagnosed in Piedmont in one year] Amoroso A, et al. **Pathologica** 1983;75 Suppl:40–50 **(Ita)**
[Study of several genetic factors in diabetic pregnancy] Lucarini N, et al. **Pathologica** 1983;75 Suppl:51–6 **(Ita)**
[Estimate of the inheritability of juvenile diabetes mellitus in a Brazilian population] Barbosa CA. **Rev Saude Publica** 1984 Oct;18(5):382–5 (Eng. Abstr.) **(Por)**
[Dermatoglyphics in juvenile diabetes mellitus] Khamraeva FA, et al. **Pediatriia** 1985 Feb;(2):12–5 (Eng. Abstr.) **(Rus)**
[Incidence of manifest diabetes and disorders of glucose tolerance in the family and siblings of children with diabetes mellitus type I] Véghová E, et al. **Cesk Pediatr** 1985 Aug;40(8):451–2 **(Slo)**
[Neurogenic diabetes insipidus and DIDMOAD (letter)] García–Luna PP, et al. **Med Clin (Barc)** 1985 Jun 29;85(5):208 **(Spa)**

IMMUNOLOGY

Serum antibodies against Coxsackie B1–6 viruses in type 1 diabetics. Alberti AM, et al. **Acta Diabetol Lat** 1985 Jan–Mar;22(1):33–8
Cellular cytotoxicity to membrane–associated insulin in an autologous system. Richens ER, et al. **Acta Diabetol Lat** 1985 Jan–Mar;22(1):55–62
A 'monoclonal' feature of immunoglobulins on the membrane of lymphocytes in patients with newly diagnosed insulin–dependent diabetes mellitus. Tomić B, et al. **Acta Med Iugosl** 1984;38(5):309–20
Evidence of circulating interferon–gamma in newly diagnosed diabetic children. Tovo PA, et al. **Acta Paediatr Scand** 1984 Nov;73(6):785–8
Immunological aspects of type 1 and 2 diabetes mellitus. Lernmark A, et al. **Adv Exp Med Biol** 1985;189:107–27
C–peptide response in patients on insulin therapy. Ngan A, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):194–8
Islet cell autoantibodies and insulin–dependent (type I) diabetes mellitus. Yeo PP. **Ann Acad Med Singapore** 1985 Apr;14(2):343–6 (21 ref.)
Autoimmunity to islet cells in diabetes mellitus. Powers AC, et al. **Annu Rev Med** 1985;36:533–44 (43 ref.)
Virus and autoimmunity in diabetes mellitus. **Behring Inst Mitt** 1984 Jul;(75):1–107
The HLA association of insulin–dependent (type I) diabetes mellitus. Bertrams J. **Behring Inst Mitt** 1984 Jul;(75):89–99
Islet cell antibodies and cellular immunity in human diabetes. Papadopoulos G, et al. **Behring Inst Mitt** 1984 Jul;(75):50–7 (48 ref.)
Immune complexes in insulin–dependent diabetes. Contreas G, et al. **Biomed Biochim Acta** 1985;44(1):129–32
Low plasma C4 concentrations: association with microangiopathy in insulin dependent diabetes. Barnett AH, et al. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):943–5
Does insulin administration contribute to immune complex formation in diabetes? Campbell LV, et al. **Clin Exp Immunol** 1984 Nov;58(2):255–63
Humoral immunity against viral antigens in insulin–dependent diabetes mellitus (IDDM): altered IgA class immune response against mumps virus. Hyöty H, et al. **Clin Exp Immunol** 1985 Apr;60(1):139–44
The thymus–dependent immune system in the pathogenesis of type 1 (insulin–dependent) diabetes mellitus. Animal model and human studies. Buschard K. **Dan Med Bull** 1985 Jun;32(3):139–51 (132 ref.)
Correlates of insulin antibodies in newly diagnosed children with insulin–dependent diabetes before insulin therapy. Arslanian SA, et al. **Diabetes** 1985 Sep;34(9):926–30
The antibody response to insulin therapy. A prospective study in HLA–typed insulin–dependent diabetic subjects. Asplin CM, et al. **Diabetes** 1984 Oct;33(10):966–9
Elevation of Factor VIII coagulant activity over Factor VIII coagulant antigen in diabetic children without vascular disease. A sign of activation of the Factor VIII coagulant moiety during poor diabetes control. Muntean WE, et al. **Diabetes** 1985 Feb;34(2):140–4
Anti–islet cellular and humoral immunity, T–cell subsets, and thymic function in type I diabetes. Quiniou–Debrie MC, et al. **Diabetes** 1985 Apr;34(4):373–9
A particular subset of HLA–DR4 accounts for all or most of the DR4 association in type I diabetes. Sheehy MJ, et al. **Diabetes** 1985 Sep;34(9):942–4
Cytotoxic islet cell surface antibodies (ICSA) in patients with type I diabetes and their first–degree relatives. Toguchi Y, et al. **Diabetes** 1985 Sep;34(9):855–60
Hypoglycemia due to serum–complexed insulin in a patient with diabetes mellitus [letter] Sheehan JP, et al. **Diabetes Care** 1985 Mar–Apr;8(2):202–3
The immune response in individuals with HLA–DR specificities conferring susceptibility to insulin–dependent diabetes—a hypothesis. Papadopoulos G, et al. **Diabetes Res** 1984 May;1(1):3–11 (104 ref.)
Segregation of HLA–DR2 among affected and non–affected offspring of 66 families with type 1 (insulin–dependent) diabetes. Deschamps I, et al. **Diabetologia** 1984 Jul;27 Suppl:80–2
Immunogenicity of monocomponent human and porcine insulin in newly diagnosed type 1 (insulin–dependent) diabetic children. Heding LG, et al. **Diabetologia** 1984 Jul;27 Suppl:96–8
Alterations in lymphocyte subpopulations in type 1 (insulin–dependent) diabetes mellitus: exploration of possible mechanisms and relationships to autoimmune phenomena. Herold KC, et al. **Diabetologia** 1984 Jul;27 Suppl:102–5
Lymphocyte subpopulations at the onset of type 1 (insulin–dependent) diabetes. Ilonen J, et al. **Diabetologia** 1984 Jul;27 Suppl:106–8
Molecular biology of type 1 (insulin–dependent) diabetes mellitus. Lernmark A. **Diabetologia** 1985 Apr;28(4):195–203 (93 ref.)
Thyrogastric autoimmunity and MHC associated alleles at the C4 locus in patients with type 1 (insulin–dependent) diabetes. McCann VJ, et al. **Diabetologia** 1984 Jul;27 Suppl:124–5
Genetic polymorphism of the fourth component of complement and type 1 (insulin–dependent) diabetes. Marcelli–Barge A, et al. **Diabetologia** 1984 Jul;27 Suppl:116–7
A 'new' DR4 associated D specificity 'JA' in type 1 (insulin–dependent) diabetes: A9, Bw16, DJA, DR4

haplotype. Mustonen A, et al. **Diabetologia** 1984 Jul;27 Suppl:126-8

Evidence of delayed beta-cell destruction in type 1 (insulin-dependent) diabetic patients with persisting complement-fixing cytoplasmic islet cell antibodies. Mustonen A, et al. **Diabetologia** 1984 Oct;27(4):421-6

Prospective study of lymphocyte subsets in subjects genetically susceptible to type 1 (insulin-dependent) diabetes. Pozzilli P, et al. **Diabetologia** 1984 Jul;27 Suppl:132-5

Peripheral blood T-cell subsets studied by monoclonal antibodies in type 1 (insulin-dependent) diabetes: effect of blood glucose control. Rodier M, et al. **Diabetologia** 1984 Jul;27 Suppl:136-8

Anti-tubulin antibodies in recent onset type 1 (insulin-dependent) diabetes mellitus: comparison with islet cell antibodies. Rousset B, et al. **Diabetologia** 1984 Oct; 27(4):427-32

Type I diabetes of man and the BB rat: monoclonal antibody-defined T-cell abnormalities. Jackson RA, et al. **Diagn Immunol** 1983;1(3):240-4

Cortisone fails to affect levels of islet cell surface antibodies and incidence of diabetes in the BB rat. Dyrberg T, et al. **Endocrinology** 1985 Jan;116(1):47-50

Thyroid-stimulating immunoglobulins in insulin-dependent diabetes mellitus. Bliddal H, et al. **Eur J Clin Invest** 1984 Dec;14(6):474-8

Circulating thyroid antibodies and thyroid function studies in children and adolescents with insulin-dependent diabetes mellitus. Trimarchi F, et al. **Eur J Pediatr** 1984 Sep; 142(4):253-6

Results of the local graft-versus-host reaction support the immunogenetic concept of the insulin-dependent Diabetes mellitus in BB rats. Klöting I, et al. **Folia Biol (Praha)** 1984; 30(3):202-8

Correlation between HbA1c, purified insulins, diabetic control, and insulin antibodies in diabetic children. Bistritzer T, et al. **Horm Res** 1984;20(3):178-85

Insulin-dependent diabetes—associated HLA-D region encoded determinants. Bach FH, et al. **Hum Immunol** 1985 Feb;12(2):59-64

Gene and haplotype frequencies of the fourth component of complement (C4) in type 1 diabetics and normal controls. Bertrams J, et al. **Immunobiology** 1984 May;166(4-5):335-44

HLA-DR antigens and insulin dependent diabetes mellitus in the west of Ireland. McKenna R, et al.
Ir J Med Sci 1984 Jul;153(7):238-41

Autologous mixed lymphocyte reaction in man: XV. Cellular and molecular basis of deficient autologous mixed lymphocyte response in insulin-dependent diabetes mellitus. Chandy KG, et al. **J Clin Immunol** 1984 Nov; 4(6):424-8

Passive transfer of diabetes from BB/W to Wistar-Furth rats. Koevary SB, et al. **J Clin Invest** 1985 Jun;75(6):1904-7

Detection of islet cell surface antibodies by an indirect rosette assay, using islet cells and Protein A-labeled sheep red blood cells. Maruyama S, et al. **J Immunol Methods** 1984 Nov 16;74(1):173-80

Insulin binding to erythrocytes in insulin dependent diabetics with different insulin requirement and insulin antibody titre. Turco GL, et al. **J Nucl Med Allied Sci** 1984 Jul-Sep; 28(3):149-55

Granulocyte functions in patients with insulin dependent diabetes mellitus. Shimizu S, et al. **Keio J Med** 1982 Dec; 31(4):149-57

Immunopathology of type I diabetes mellitus: an evolving concept [editorial] Craighead JE. **Lab Invest** 1985 Aug; 53(2):119-21

Metabolic and immunological effects of cyclosporin in recently diagnosed type 1 diabetes mellitus. Assan R, et al. **Lancet** 1985 Jan 12;1(8420):67-71

Value of insulin autoantibodies as serum markers for insulin-dependent diabetes mellitus. Wilkin T, et al.
Lancet 1985 Mar 2;1(8427):480-1

In situ characterization of autoimmune phenomena and expression of HLA molecules in the pancreas in diabetic insulitis. Bottazzo GF, et al. **N Engl J Med** 1985 Aug 8; 313(6):353-60

Insulin-dependent diabetes mellitus and autoimmunity: islet-cell autoantibodies, insulin autoantibodies, and beta-cell failure [letter] Soeldner JS, et al.
N Engl J Med 1985 Oct 3;313(14):893-4

Human lymphocyte antigen DR types in relation to early clinical manifestations in diabetic children. Ludvigsson J, et al. **Pediatr Res** 1984 Dec;18(12):1239-41

HLA A, B, C and DR antigens in young South African Indians with insulin-dependent diabetes mellitus. Omar MA, et al. **S Afr Med J** 1984 Nov 17;66(20):765-7

'Activated' T-lymphocyte levels in the spontaneously diabetic BB rat syndrome. Francfort JW, et al. **Surgery** 1985 Aug;98(2):251-8

Immunology of viral diabetes. Babu PG, et al.
Surv Synth Pathol Res 1985;4(1):1-7

HLA-A, B, DR antigens and insulin-dependent diabetes in Algerians. Mercier P, et al. **Tissue Antigens** 1985 Jul; 26(1):20-4

DR4 related antisera pattern differences in insulin dependent diabetes mellitus and rheumatoid arthritis. Tait BD, et al. **Tissue Antigens** 1984 Oct;24(4):228-33

A family study of the association between insulin dependent diabetes mellitus, autoantibodies and the HLA system. Winearls BC, et al. **Tissue Antigens** 1984 Oct;24(4):234-46

Islet-cell antibodies in IDDM and NIDDM in a Japanese population. Kobayashi T, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:271-4

A clinical profile of insulin-dependent diabetes with islet cell cytoplasmic and cell surface antibodies. Ohgawara H, et al. **Tohoku J Exp Med** 1984 Dec;144(4):369-75

Comparative studies on immunological characteristics of IDDM among Asian populations. Okai K, et al.
Tohoku J Exp Med 1983 Dec;141 Suppl:289-93

IgG heavy-chain (Gm) allotypes and HLA-antigens in insulin-dependent diabetes mellitus in Korea. Okimoto K, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:283-7

[HLA antigens of insulin-dependent diabetes mellitus in Chinese] Ye CY. **Chung Hua Nei Ko Tsa Chih** 1984 Aug; 23(8):469-71, 524 (Eng. Abstr.) (Chi)

[Changes in indicators of humoral immunity in patients with insulin-dependent diabetes] Fučíková T, et al.
Cas Lek Cesk 1985 Jun 21;124(25):778-82 (Eng. Abstr.) (Cze)

[Preliminary note on anti-insulin antibody formation in diabetics treated with porcine insulin] Behir F, et al.
Arch Inst Pasteur Tunis 1984 Mar;61(1):1-8 (Eng. Abstr.) (Fre)

[Autoimmunity in the genesis of beta-pancreatic lesions] Doniach D, et al. **Journ Annu Diabetol Hotel Dieu** 1984; :151-62 (47 ref.) (Fre)

[Immunosuppression in juvenile diabetes mellitus? Critical viewpoint on the treatment with cyclosporin A with consideration of the differential etiology] Teuber J, et al. **Fortschr Med** 1985 Jul 25;103(27-28):707-13 (Eng. Abstr.) (Ger)

[Determination of alpha-2-macroglobulin concentration using immunologic and amidolytic methods in diabetics and kidney patients] Discher T, et al. **Immun Infekt** 1985 Feb; 13(1):21-3 (Eng. Abstr.) (Ger)

[Autoimmune phenomena in diabetes mellitus. On the pathogenetic and diagnostic significance] Helmke K, et al. **Immun Infekt** 1983 Nov;11(6):199-208 (Eng. Abstr.) (Ger)

[ELISA detection of protamine antibodies] Junker M, et al. **Immun Infekt** 1985 Apr;13(2):80-2 (Eng. Abstr.) (Ger)

[HLA-antigens and islet cell antibodies in type-1 diabetics of various age groups and their first-degree relatives] Spinas GA, et al. **Schweiz Med Wochenschr** 1985 Jan 12; 115(2):48-54 (Eng. Abstr.) (Ger)

[Causes of insulin resistance in type 1 diabetes] Waldhäusl W, et al. **Wien Klin Wochenschr** 1985 Apr 12;97(8):359-63 (Eng. Abstr.) (Ger)

[Serum immunoglobulins in diabetic and healthy pregnant patients and their newborn infants] Fischer M.
Zentralbl Gynakol 1984;106(20):1375-80 (Eng. Abstr.) (Ger)

[The HLA system and insulin-dependent diabetes mellitus. A review and personal studies] Citro M, et al.
Ann Osp Maria Vittoria Torino 1983 Jan-Jun; 26(1-6):108-42 (57 ref.) (Eng. Abstr.) (Ita)

[Origin and clinical significance of insulin antibodies] Brunetti P, et al. **Recenti Prog Med** 1985 Jan;76(1):29-33 (Ita)

[Changes in the lymphocyte subpopulations in type 1 diabetes mellitus] Coaccioli S, et al. **Recenti Prog Med** 1985 May; 76(5):249-53 (Eng. Abstr.) (Ita)

[Disorders of cellular immunity in insulin-dependent diabetes mellitus (type 1)] Korfel J. **Pol Tyg Lek** 1985 May 6; 40(18):527-30 (48 ref.) (Pol)

[Immunogenetic mechanisms in the pathogenesis of type 1 diabetes mellitus] Tatoń J, et al. **Pol Tyg Lek** 1984 Aug 20;39(34):1141-6 (32 ref.) (Pol)

[Indicators of phagocytic activity of neutrophils in patients with diabetes mellitus before and after treatment using the 'Biostator'] Belokrinitskii DV, et al.
Probl Endokrinol (Mosk) 1984 Nov-Dec;30(6):18-22 (Eng. Abstr.) (Rus)

[Cellular immunity in patients with diabetes mellitus complicated by diabetic retinopathies] Danilova AI, et al. **Probl Endokrinol (Mosk)** 1984 Sep-Oct;30(5):29-34 (Eng. Abstr.) (Rus)

[Characteristics of the immune system in children with diabetes mellitus] Kravets EB, et al.
Probl Endokrinol (Mosk) 1984 Sep-Oct;30(5):18-21 (Eng. Abstr.) (Rus)

[The HLA system in diabetes mellitus] Kudriakova SV, et al. **Probl Endokrinol (Mosk)** 1984 Nov-Dec;30(6):3-6 (Eng. Abstr.) (Rus)

[Circulating immune complexes in the blood of diabetics] Podil'chak MD, et al. **Vrach Delo** 1984 Nov;(11):55-7 (Eng. Abstr.) (Rus)

[Cellular immunity in diabetes mellitus] Barañao RI, et al. **Rev Clin Esp** 1984 Jul 15-31;174(1-2):7-11 (48 ref.) (Spa)

[Defect of monocytic recognition mediated by complement in hyperosmolar nonketotic coma and diabetic ketoacidosis] Gómez Rodríguez F, et al. **Rev Clin Esp** 1985 Mar; 176(4):164-8 (Eng. Abstr.) (Spa)

METABOLISM

Human and porcine insulins are equally effective in the regulation of glucose kinetics of diabetic patients during exercise. Koivisto VA, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):500-5

Food physical factors have different metabolic effects in nondiabetics and diabetics. Simpson RW, et al.
Am J Clin Nutr 1985 Sep;42(3):462-9

Macronutrients have different metabolic effects in nondiabetics and diabetics. Simpson RW, et al.
Am J Clin Nutr 1985 Sep;42(3):449-53

Acetoacetate and 3-hydroxybutyrate kinetics in obese and insulin-dependent diabetic humans. Nosadini R, et al.
Am J Physiol 1985 May;248(5 Pt 2):R611-20

Residual insulin secretion in insulin dependent diabetes mellitus. Rogers S, et al. **Arch Dis Child** 1985 Mar; 60(3):200-3

Lack of strong association between residual human C-peptide secretion and islet cell antibodies, complement-dependent antibody-mediated cytotoxicity, and HLA antigens in newly diagnosed type I diabetics. Michaelis D, et al.
Biomed Biochim Acta 1985;44(1):99-106

Negative correlation of eicosapentaenoic acid and lipid accumulation in hepatocytes of diabetics. Singer P, et al.
Biomed Biochim Acta 1984;43(8-9):S438-42

Metabolic control of type I (insulin dependent) diabetes after pancreas transplantation. Pozza G, et al.
Br Med J [Clin Res] 1985 Aug 24;291(6494):510-3

Nocturnal hypoglycaemia in patients receiving conventional treatment with insulin. Pramming S, et al.
Br Med J [Clin Res] 1985 Aug 10;291(6492):376-9

Plasma and tissue fibronectin in diabetes. Labat-Robert J, et al. **Clin Physiol Biochem** 1984;2(1):39-48

Nonenzymatic glycosylation of erythrocytic proteins in normal and diabetic subjects. Enzymes of nucleoside and nucleotide metabolism. Agarwal KC, et al. **Diabetes** 1985 Mar;34(3):251-5

Plasma and skeletal muscle free amino acids in type I, insulin-treated diabetic subjects. Borghi L, et al.
Diabetes 1985 Aug;34(8):812-5

Comparison of insulin-mediated and glucose-mediated glucose disposal in patients with insulin-dependent diabetes mellitus and in nondiabetic subjects. Hansen IL, et al.
Diabetes 1985 Aug;34(8):751-5

Whole body de novo amino acid synthesis in type I (insulin-dependent) diabetes studied with stable isotope-labeled leucine, alanine, and glycine. Robert JJ, et al. **Diabetes** 1985 Jan;34(1):67-73

Effect of insulin antibodies on insulin pharmacokinetics and glucose utilization in insulin-dependent diabetic patients. Waldhäusl WK, et al. **Diabetes** 1985 Feb;34(2):166-73

Plasma pancreatic polypeptide response to insulin-induced hypoglycemia as a marker for defective glucose counterregulation in insulin-dependent diabetes mellitus. White NH, et al. **Diabetes** 1985 Sep;34(9):870-5

The prevalence of symptomatic, diabetic neuropathy in an insulin-treated population. Boulton AJ, et al.
Diabetes Care 1985 Mar-Apr;8(2):125-8

Smoking and glycaemic control in male insulin dependent (type 1) diabetics. Mathiesen ER, et al. **Diabetes Res** 1984 Sep;1(3):155-7

Serum growth hormone (GH) and the responses to thyrotropin-releasing hormone (TRH) in diabetes mellitus: lack of evidence for TRH evoked GH secretion. Small M, et al. **Diabetes Res** 1984 Jul;1(2):89-94

Proximal glomerulo-tubular balance in patients with type 1 (insulin-dependent) diabetes mellitus.
Brøchner-Mortensen J, et al. **Diabetologia** 1984 Aug 27(2):189-92

Low subcutaneous degradation and slow absorption of insulin in insulin-dependent diabetic patients during continuous subcutaneous insulin infusion at basal rate. Chisholm DJ, et al. **Diabetologia** 1984 Aug;27(2):238-41

Non-enzymatic glycosylation of skin collagen in patients with type 1 (insulin-dependent) diabetes mellitus and limited joint mobility. Lyons TJ, et al. **Diabetologia** 1985 Jan;28(1):2-5

Sorbitol accumulation is altered in type 1 (insulin-dependent) diabetes mellitus. Malone JI, et al. **Diabetologia** 1984 Nov; 27(5):509-13

Effects of insulin antibodies on bioavailability of insulin: preliminary studies using 123I-insulin in patients with insulin-dependent diabetes. Sodoyez JC, et al.
Diabetologia 1984 Jul;27 Suppl:143-5

Adipocyte insulin binding and insulin sensitivity in 'brittle' diabetes. Taylor R, et al. **Diabetologia** 1984 Oct;27(4):441-6

Influence of mebendazole administration on metabolic control in type 1 (insulin-dependent) diabetic patients [letter] Van Gaal LF, et al. **Diabetologia** 1985 Apr;28(4):250

Short-term of the artificial beta-cell (Biostator) on pancreatic glucagon response in insulin-dependent diabetic (IDDM). Ratzmann KP, et al. **Exp Clin Endocrinol** 1984 Jul; 84(1):91-8

Blood-retinal barriers in juvenile diabetics in relation to early clinical manifestations, HLA-DR types, and metabolic control. Kernell A, et al.
Graefes Arch Clin Exp Ophthalmol 1985;222(4-5):250-3

A new glucose electrode for tissue measurements. Kessler M, et al. **Hepatogastroenterology** 1984 Dec;31(6):285-8

Hyperchloremic acidosis during the recovery phase from diabetic ketoacidosis. Leor R, et al. **Isr J Med Sci** 1985 May;21(5):470-2

Improved diabetic control enhances erythroid stem cell proliferation in vitro. Ritchey AK, et al.
J Clin Endocrinol Metab 1985 Jun;60(6):1257-60

Site of insulin resistance in type 1 diabetes: insulin-mediated glucose disposal in vivo in relation to insulin binding and action in adipocytes in vitro. Yki-Järvinen H, et al.
J Clin Endocrinol Metab 1984 Dec;59(6):1183-92

Action of platelet-activating factor on type 1 diabetic human platelets. Greco NJ, et al. **J Lab Clin Med** 1985 Apr; 105(4):410–6

Psychosocial childbearing stress and metabolic control in pregnant diabetics. Barglow P, et al. **J Nerv Ment Dis** 1985 Oct;173(10):615–20

Zinc nutriture in type I diabetes mellitus: relationship to growth measures and metabolic control. Canfield WK, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):577–84

'Sunbed seizures': a hypoglycaemic hazard for insulin–dependent diabetics [letter] Husband DJ, et al. **Lancet** 1984 Dec 22;2(8417–18):1477

Plasma levels of apoprotein B in patients with diabetes mellitus: the effect of glycemic control. Gonen B, et al. **Metabolism** 1985 Jul;34(7):675–9

Regulation of hepatic glycogen metabolism: effects of diabetes, insulin infusion, and pancreatic islet transplantation. Margolis RN, et al. **Metabolism** 1985 Jan; 34(1):62–8

Relative rates of fetal hemoglobin and adult hemoglobin synthesis in cord blood of infants of insulin–dependent diabetic mothers. Bard H, et al. **Pediatrics** 1985 Jun; 75(6):1143–7

Remission phase in childhood diabetes—an investigation of summer campers in Japan. Kamado K, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:191–8

[Insulin–dependent diabetes and lipoprotein metabolism] Berthezène F, et al. **Journ Annu Diabetol Hotel Dieu** 1984; :115–23 (34 ref.) (Fre)

[Alcohol and type I diabetes mellitus (letter)] Chantelau E, et al. **Dtsch Med Wochenschr** 1985 Sep 6;110(36):1393–4 (Ger)

[Salivary test of the insulin–dependent diabetic patient in childhood] Pelocchino C, et al. **Minerva Stomatol** 1985 Mar–Apr;34(2):253–5 (Eng. Abstr.) (Ita)

[Pathomembranology and concept of membrane diseases] Nozawa Y. **Nippon Rinsho** 1985 Apr;43(4):790–3 (Jpn)

[Sorbitol metabolism and diabetes] Santos J, et al. **Acta Med Port** 1984 Jul–Aug;5(7–8):241–9 (70 ref.) (Eng. Abstr.) (Por)

[Concentration of incompletely oxidized metabolites in the blood and urine of children with diabetes mellitus and obesity] Iusbova AM. **Pediatriia** 1984 Oct;(10):64–5 (Rus)

[Free and bound hydroxyproline in patients with diabetes mellitus] Trusov VV, et al. **Probl Endokrinol (Mosk)** 1984 Nov–Dec;30(6):15–8 (Eng. Abstr.) (Rus)

[Insulin receptors of adipose tissue in patients newly diagnosed with insulin–dependent diabetes mellitus] Evdokimova NIu, et al. **Vopr Med Khim** 1985 Mar–Apr; 31(2):64–8 (Eng. Abstr.) (Rus)

MICROBIOLOGY

Virus and autoimmunity in diabetes mellitus. **Behring Inst Mitt** 1984 Jul;(75):1–107

A viral etiology for type I diabetes mellitus? Craighead JE. **Behring Inst Mitt** 1984 Jul;(75):6–8

Coxsackie B, mumps, rubella, and cytomegalovirus specific IgM responses in patients with juvenile–onset insulin–dependent diabetes mellitus in Britain, Austria, and Australia. Banatvala JE, et al. **Lancet** 1985 Jun 22; 1(8443):1409–12

Coxsackie–B–virus–specific IgM responses, complement–fixing islet–cell antibodies, HLA DR antigens, and C–peptide secretion in insulin–dependent diabetes mellitus. Schernthaner G, et al. **Lancet** 1985 Sep 21; 2(8456):630–2

On the track of viruses [news] Notkins AL. **Nature** 1984 Sep 20–26;311(5983):209–10

[In vitro adherence of Candida albicans to oral mucosa cells of patients with insulin–dependent diabetes mellitus] Macura AB, et al. **Med Dosw Mikrobiol** 1985;37(2):94–7 (Eng. Abstr.) (Pol)

OCCURRENCE

Continuing high incidence of diabetes mellitus in Scottish children [letter] Grisso JA, et al. **Diabetologia** 1985 Mar; 28(3):182–3

Incidence of childhood diabetes in The Netherlands: a decrease from north to south over north–western Europe? Vaandrager GJ, et al. **Diabetologia** 1984 Aug;27(2):203–6

Breast–feeding and diabetes [letter] **Lancet** 1984 Dec 1; 2(8414):1283

Relation between breast–feeding and incidence rates of insulin–dependent diabetes mellitus. A hypothesis. Borch–Johnsen K, et al. **Lancet** 1984 Nov 10; 2(8411):1083–6

Epidemiologic survey of juvenile–onset insulin dependent diabetes mellitus (IDDM) in Hokkaido, Japan, 1973–1981. Matsuura N, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:181–9

Classification and heredity of diabetes among Japanese patients with diabetes found before 30–year–old. Nagai N, et al. **Tohoku J Exp Med** 1984 Jul;143(3):289–94

[Insulin–dependent juvenile diabetes. Descriptive study in the Rhône Department] Hours M, et al. **Rev Epidemiol Sante Publique** 1984;32(2):107–12 (Eng. Abstr.) (Fre)

[Brittle diabetes. Report on certain aspects through a study of 762 patients] Boukhris R. **Tunis Med** 1982 Jul–Aug; 60(4):47–71 (Fre)

[Incidence of diabetic retinopathy in diabetic manifestation up to the 30th year of life] Schulze E. **Z Gesamte Inn Med** 1984 Aug 1;39(15):359–62 (Eng. Abstr.) (Ger)

[Attempt at estimating the incidence of juvenile non–insulin–dependent diabetes mellitus] Halmos T, et al. **Orv Hetil** 1985 Aug 25;126(34):2075–7 (Eng. Abstr.) (Hun)

[Incidence and prevalence of juvenile onset insulin–dependent diabetes mellitus in the city and province of Turin] Cerutti F, et al. **Minerva Pediatr** 1985 Jan 31; 37(1–2):67–72 (Eng. Abstr.) (Ita)

PATHOLOGY

Bullosis diabeticorum: a case report. Monfrecola G, et al. **Acta Diabetol Lat** 1984 Jul–Sep;21(3):289–92

The normal fundus fluorescein angiogram. III. A longitudinal fluorescein angiographic study of the fundus in insulin dependent diabetics without ophthalmoscopically abnormalities. Nielsen NV. **Acta Ophthalmol (Copenh)** 1985 Jun;63(3):311–4

Corneal endothelial changes in type I and type II diabetes mellitus. Schultz RO, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):401–10

Islet morphology in type I diabetes. Gepts W. **Behring Inst Mitt** 1984 Jul;(75):39–41

The B cell mass at the clinical onset of type I diabetes. Klöppel G, et al. **Behring Inst Mitt** 1984 Jul;(75):42–9

Diabetic nephropathy [letter] Abonna GM. **Biomed Pharmacother** 1985;39(1):42

Nutritive toe skin capillaries in middle–aged patients with diabetes mellitus. Karlander SG, et al. **Diabete Metab** 1985 Jun;11(3):165–9

Relationship of renal size to nephropathy in type 1 (insulin–dependent) diabetes. Ellis EN, et al. **Diabetologia** 1985 Jan;28(1):12–5

Renal changes in juvenile–onset diabetes mellitus. A study in 36 patients. Mohanty R, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):199–205

A prospective study of bone mass in patients with type I diabetes. Hui SL, et al. **J Clin Endocrinol Metab** 1985 Jan; 60(1):74–80

Structural–functional relationships in diabetic nephropathy. Mauer SM, et al. **J Clin Invest** 1984 Oct;74(4):1143–55

Parotid gland basement membrane variation in diabetes mellitus. Murrah VA, et al. **J Oral Pathol** 1985 Mar; 14(3):236–46

Correlates of biopsy–studied nephropathy in young patients with insulin–dependent diabetes mellitus. Silverstein JH, et al. **J Pediatr** 1985 Feb;106(2):196–201

Studies of kidney and muscle biopsy specimens from identical twins discordant for type I diabetes mellitus. Steffes MW, et al. **N Engl J Med** 1985 May 16;312(20):1282–7

[Heterogeneity of pancreatic pathology in insulin–dependent diabetes] Gepts W, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:13–20 (40 ref.) (Fre)

[Capillaroscopy and studies of the fingernails in diabetic children] Cislo M, et al. **Kinderarztl Prax** 1984 Jul; 52(7):38–44 (Eng. Abstr.) (Ger)

[Electron microscopic findings in A–cells of the islands of Langerhans in diabetes mellitus] Cossel L, et al. **Zentralbl Allg Pathol** 1984;129(4):323–41 (Eng. Abstr.) (Ger)

PHYSIOPATHOLOGY

Cardiovascular response to exercise in young women with insulin–dependent diabetes mellitus. Airaksinen JK, et al. **Acta Diabetol Lat** 1985 Jan–Mar;22(1):1–7

Residual B–cell function in type 1 (insulin–dependent) diabetes mellitus: its relation to clinical and metabolic features. Bonora E, et al. **Acta Diabetol Lat** 1984 Oct–Dec; 21(4):375–83

Possible altered dopaminergic modulation of pituitary function in normal–menstruating women with insulin dependent diabetes mellitus (IDDM). Djursing H, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):450–5

Impaired counter regulation of hypoglycemia in a group of insulin–dependent diabetics with recurrent episodes of severe hypoglycemia. Adamson U, et al. **Acta Med Scand** 1984;216(2):215–22

Impaired left ventricular filling in young female diabetics. An echocardiographic study. Airaksinen J, et al. **Acta Med Scand** 1984;216(5):509–16

Tear secretion in juvenile diabetics with and without autonomic neuropathy. Andersen J, et al. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):93–6

Reduced vascular reactivity in diabetic children and its relation to diabetic control. Ewald U, et al. **Acta Paediatr Scand** 1985 Jan;74(1):77–84

Insulin–mediated and non–insulin–mediated metabolic effects of gastroenteropancreatic peptides in type I and type II diabetes. Dupre J, et al. **Adv Exp Med Biol** 1985;189:207–25

Diabetic neuropathy. Dyck PJ, et al. **Adv Exp Med Biol** 1985; 189:305–20

The Wisconsin Epidemiologic Study of Diabetic Retinopathy. A comparison of retinopathy in younger and older onset diabetic persons. Klein R, et al. **Adv Exp Med Biol** 1985;189:321–35

A comparison of kidney disease in type I and type II diabetes. Mauer SM, et al. **Adv Exp Med Biol** 1985;189:299–303

Insulin resistance in non–insulin dependent (type II) and insulin dependent (type I) diabetes mellitus. Olefsky JM, et al. **Adv Exp Med Biol** 1985;189:176–205

Atherosclerosis, the major complication of diabetes. Steiner G. **Adv Exp Med Biol** 1985;189:277–97

The changing natural history of nephropathy in type I diabetes. Krolewski AS, et al. **Am J Med** 1985 May; 78(5):785–94

Abnormal retinal artery responses to stress in patients with type I diabetes. Osei K, et al. **Am J Med** 1985 Apr; 78(4):595–601

Pulmonary function in insulin–dependent diabetes mellitus with limited joint mobility. Schnapf BM, et al. **Am Rev Respir Dis** 1984 Nov;130(5):930–2

Platelet sensitivity to prostacyclin in diabetes mellitus. Pillay PK, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):229–31

Systolic time intervals and the QT–QS2 interval in young female diabetics. Airaksinen J, et al. **Ann Clin Res** 1984; 16(4):188–91

The pathophysiology of experimental insulin–deficient diabetes in the monkey. Implications for pancreatic transplantation. Jonasson O, et al. **Ann Surg** 1985 Jan; 201(1):27–39

Renal function in diabetes mellitus. Davies AG, et al. **Arch Dis Child** 1985 Apr;60(4):299–304

Pubertal growth in diabetics. Stewart–Brown SL, et al. **Arch Dis Child** 1985 Aug;60(8):768–9

Effect of sulindac on the permeability of the blood–retinal barrier in early diabetic retinopathy. Cunha–Vaz JG, et al. **Arch Ophthalmol** 1985 Sep;103(9):1307–11

Tests for autonomic neuropathy in diabetic children. Mitchell EA, et al. **Aust Paediatr J** 1985 May;21(2):105–9

Influence of a cod liver oil diet in diabetics type I on fatty acid patterns and platelet aggregation. Schimke E, et al. **Biomed Biochim Acta** 1984;43(8–9):S351–3

Visual evoked potential and contrast sensitivity function in diabetic retinopathy. Collier A, et al. **Br Med J [Clin Res]** 1985 Jul 27;291(6490):248

Height at diagnosis of diabetes in children: a study in identical twins. Hoskins PJ, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):278–80

On the pathogenesis of the increased glomerular filtration rate in short–term insulin–dependent diabetes. Christiansen JS. **Dan Med Bull** 1984 Oct;31(5):349–61 (105 ref.)

Wavelength–dependent abnormalities of pattern evoked cortical responses in young diabetics. Schauseil–Zipf U, et al. **Dev Ophthalmol** 1984;9:94–101

Influence of acetylsalicylic acid on bleeding time and serum thromboxane B2 in diabetes mellitus type I. Amado JA, et al. **Diabete Metab** 1985 Apr;11(2):98–101

Evidence of early impairment of parasympathetic reflexes in insulin dependent diabetics without autonomic symptoms. Bellavere F, et al. **Diabete Metab** 1985 Jun; 11(3):152–6

Lack of beta–adrenergic role for catecholamines in the development of hyperglycemia and ketonaemia following acute insulin withdrawal in type I diabetic patients. Beylot M, et al. **Diabete Metab** 1985 Apr;11(2):111–7

Reticulocyte counts and haemoglobin glycosylation in diabetes [letter] Dello Russo P, et al. **Diabete Metab** 1984 Oct;10(4):277–8

Lack of negative feed–back regulation of insulin on the responses of gastric inhibitory polypeptide, insulin, glucagon and pancreatic polypeptide to a meal in insulin treated diabetics. Krarup T, et al. **Diabete Metab** 1984 Sep; 10(3):171–4

Impaired auditory brainstem–evoked responses in insulin–dependent diabetic subjects. Fedele D, et al. **Diabetes** 1984 Nov;33(11):1085–9

Normalization by sodium salicylate of the impaired counterregulatory glucagon response to hypoglycemia in insulin–dependent diabetes. A possible role for endogenous prostaglandins. Giugliano D, et al. **Diabetes** 1985 Jun; 34(6):521–5

Meal–stimulated C–peptide and insulin antibodies in type I diabetic subjects and their nondiabetic siblings characterized by HLA–DR antigens. Hoogwerf BJ, et al. **Diabetes** 1985 May;34(5):440–5

Improved insulin sensitivity in patients with type I diabetes mellitus after CSII. Simonson DC, et al. **Diabetes** 1985 Aug; 34 Suppl 3:80–6

The cardiovascular risk profile of adolescents with insulin–dependent diabetes mellitus. Cruickshanks KJ, et al. **Diabetes Care** 1985 Mar–Apr;8(2):118–24

Heart rate variability in diabetes: relationship to age and duration of the disease. Masaoka S, et al. **Diabetes Care** 1985 Jan–Feb;8(1):64–8

Autonomic neural dysfunction in recently diagnosed diabetic subjects. Pfeifer MA, et al. **Diabetes Care** 1984 Sep–Oct; 7(5):447–53

Diabetic control and left ventricular fraction [letter] Fisher BM, et al. **Diabetes Res** 1985 Jan;2(1):56

Comparison by nuclear angiography of resting left ventricular function in insulin–dependent diabetic patients and normal subjects and the effect of diabetic control. Harrower AD, et al. **Diabetes Res** 1984 Nov;1(4):227–9

Diabetic control and left ventricular ejection fraction during cold stimulation tests in insulin–dependent diabetes. Harrower AD, et al. **Diabetes Res** 1984 May:1(1):35–8

Blood flow patterns in painful diabetic neuropathy. Archer AG, et al. **Diabetologia** 1984 Dec;27(6):563–7

Increased vasopressor responsiveness to angiotensin II in type 1 (insulin–dependent) diabetic patients without complications. Drury PL, et al. **Diabetologia** 1984 Aug; 27(2):174–9

Transcapillary colloid osmotic gradient, plasma volume and interstitial fluid volume in long-term type 1 (insulin-dependent) diabetes. Fauchald P, et al. **Diabetologia** 1985 May;28(5):269–73

Blood pressure and metabolic control as risk factors for nephropathy in type 1 (insulin-dependent) diabetes. Hasslacher C, et al. **Diabetologia** 1985 Jan;28(1):6–11

Impaired autoregulation of glomerular filtration rate in type 1 (insulin-dependent) diabetic patients with nephropathy. Parving HH, et al. **Diabetologia** 1984 Dec;27(6):547–52

Nocturnal penile tumescent evaluation of erectile function in insulin-dependent diabetic men. Schiavi RC, et al. **Diabetologia** 1985 Feb;28(2):90–4

Pre-type 1 (insulin-dependent) diabetes: common endocrinological course despite immunological and immunogenetic heterogeneity. Srikanta S, et al. **Diabetologia** 1984 Jul;27 Suppl:146–8

Acute and chronic effects of domperidone on gastric emptying in diabetic autonomic neuropathy. Horowitz M, et al. **Dig Dis Sci** 1985 Jan;30(1):1–9

Effect of metoclopramide on gastric liquid emptying in patients with diabetic gastroparesis. Schade RR, et al. **Dig Dis Sci** 1985 Jan;30(1):10–5

High food supply in perinatal life appears to favour the development of insulin-treated diabetes mellitus (ITDM) in later life. Dörner G, et al. **Exp Clin Endocrinol** 1985 Feb;85(1):1–6

Gonadotropin secretion before and during acute and chronic dopamine-receptor blockade in insulin-dependent diabetic patients with amenorrhea. Djursing H, et al. **Fertil Steril** 1985 Jul;44(1):49–55

Consequences of intrauterine contraception in diabetic women. Skouby SO, et al. **Fertil Steril** 1984 Oct; 42(4):568–72

Asynchronism of saccadic eye movement in young diabetics as related to HbAlc. Hennekes R, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(1):50–2

Measurement of flow-physiologic parameters of retinal blood circulation in type 1 and 2 diabetics before and after photocoagulation. Oswald B, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(3):154–7

The effect of exogenous growth hormone on insulin requirements during closed loop insulin delivery in insulin-dependent diabetes mellitus. Bright GM, et al. **Horm Metab Res** 1984 Jun;16(6):286–9

Visual function in diabetic patients undergoing dialysis: comparison of peritoneal and hemodialysis. Diaz-Buxo JA, et al. **Int J Artif Organs** 1984 Sep;7(5):257–62

Loss of autoregulation of blood flow in subcutaneous tissue in juvenile diabetes. Henriksen O, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 4:S666–70

Renal hemodynamic abnormalities in patients with short term insulin-dependent diabetes mellitus: role of renal prostaglandins. Esmatjes E, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1231–6

Immunoreactive gastric inhibitory polypeptide response to a meal during the first eighteen months after diagnosis of type 1 (insulin dependent) diabetes mellitus. Krarup T, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):120–5

Enhanced glycemic responsiveness to epinephrine in insulin-dependent diabetes mellitus is the result of the inability to secrete insulin. Augmented insulin secretion normally limits the glycemic, but not the lipolytic or ketogenic, response to epinephrine in humans. Berk MA, et al. **J Clin Invest** 1985 Jun;75(6):1842–51

Beta-cell function recovery is not the only factor responsible for remission in type I diabetics: evaluation of C-peptide secretion in diabetic children after first metabolic recompensation and at partial remission phase. Schober E, et al. **J Endocrinol Invest** 1984 Oct;7(5):507–12

Thyroid abnormalities in type 1 diabetes [letter] Borkenstein MH. **J Pediatr** 1985 Jun;106(6):1058–9

Assessment of erectile function in diabetic and non-diabetic impotence by simultaneous recording of penile diameter and penile arterial pulse. Bancroft J, et al. **J Psychosom Res** 1985;29(3):315–24

The effects of cognitive task demand on subjective stress and blood glucose levels in diabetics and non-diabetics. Edwards C, et al. **J Psychosom Res** 1985;29(1):59–69

Antepartum heart rate testing in diabetic pregnancy. Miller JM Jr, et al. **J Reprod Med** 1985 Jul;30(7):515–8

Characterization of insulin resistance in type I diabetes. Kerner W, et al. **Klin Wochenschr** 1985 Jun 18; 63(12):545–53

Pathogenesis of the dawn phenomenon in patients with insulin-dependent diabetes mellitus. Accelerated glucose production and impaired glucose utilization due to nocturnal surges in growth hormone secretion. Campbell PJ, et al. **N Engl J Med** 1985 Jun 6;312(23):1473–9

Dawn phenomenon in IDDM [letter] Chantelau EA, et al. **N Engl J Med** 1985 Oct 10;313(15):957–8

Symposium on infections in the compromised host. Insulin-dependent diabetes mellitus. Donohue-Porter P. **Nurs Clin North Am** 1985 Mar;20(1):191–8

Deranged alpha-adrenergic regulation of growth hormone secretion in poorly controlled diabetes: reversal of the exaggerated response to clonidine after continuous subcutaneous insulin infusion. Topper E, et al. **Pediatr Res** 1985 Jun;19(6):534–6

Growth and body composition measured by anthropometry in healthy and diabetic children. Villalpando S, et al. **Rev Invest Clin** 1984 Oct–Dec;36(4):321–6

The effect of continuous subcutaneous insulin infusion on cardiac performance during exercise in insulin-dependent diabetics. Larsen S, et al. **Scand J Clin Lab Invest** 1984 Dec;44(8):683–91

Insulin resistance: pathophysiology, diagnosis, and therapeutic implications. Grunfeld C. **Spec Top Endocrinol Metab** 1984;6:193–240 (180 ref.)

The effect of cyclosporine of renal function in newly diagnosed diabetics. Stiller CR, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):202–8

[Correlation between beta 2 microglobulinemia and renal function in diabetes] Birch K, et al. **Ugeskr Laeger** 1984 Sep 10;146(37):2773–5 (Eng. Abstr.) (Dan)

[Initial remission period in insulin-dependent diabetes in the young subject] Vague P, et al. **Diabete Metab** 1985 Jun; 11(3):181–8 (52 ref.) (Eng. Abstr.) (Fre)

[Examination of esophageal function in diabetics by dynamic scintigraphy] Tornóczky J, et al. **Orv Hetil** 1985 May 19; 126(20):1217–22 (Eng. Abstr.) (Hun)

[Blood sugar control in diabetic patients bearing microinfusors: the importance of the dawn phenomenon] Consoli A, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30; 60(9):1685–9 (Eng. Abstr.) (Ita)

[Altered diastolic function of the left ventricle in juvenile diabetes. Computerized echocardiographic study] Bertoni PD, et al. **G Ital Cardiol** 1984 Nov;14(11):839–46 (Eng. Abstr.) (Ita)

[Effect of i.v. tolbutamide on alpha- and beta-cell secretion in type I diabetes] Verga S, et al. **Minerva Endocrinol** 1984 Jul–Sep;9(3):339–42 (Eng. Abstr.) (Ita)

[Endocrine function abnormalities in two cases of Wolfram syndrome] Yukimura Y, et al. **Nippon Naika Gakkai Zasshi** 1985 Jan;74(1):31–5 (Jpn)

[Exocrine function of the pancreas in juvenile onset diabetes mellitus. I. pH, duodenal content volume and bicarbonate concentration and secretion] Perczak-Dudkowska B, et al. **Pediatr Pol** 1984 Aug;59(8):605–12 (Eng. Abstr.) (Pol)

[Exocrine function of the pancreas in juvenile onset diabetes mellitus. II. Lipase and pancreatic amylase activity (concentration) and secretion of enzymatic protein] Perczak-Dudkowska B, et al. **Pediatr Pol** 1984 Aug; 59(8):613–22 (Eng. Abstr.) (Pol)

[Effect of diabetes mellitus on the bioelectrical activity of the stomach] Knapik Z, et al. **Pol Tyg Lek** 1984 Apr 30; 39(18):609–10 (Eng. Abstr.) (Pol)

[Ultrasonographic evaluation of the vasomotor reserve in patients with juvenile-onset diabetes mellitus] Gralewski Z, et al. **Wiad Lek** 1984 Jun 1;37(11):841–7 (Eng. Abstr.) (Pol)

[Changes in the resting ECG in males with impaired carbohydrate tolerance of different degrees without clinical symptoms of ischemic heart disease and arterial hypertension] Ostrovskaia TP, et al. **Kardiologiia** 1984 Nov; 24(11):44–6 (Eng. Abstr.) (Rus)

[Hormonal function of islands of Langerhans in diabetes mellitus] Balabolkin MI, et al. **Probl Endokrinol (Mosk)** 1984 Sep–Oct;30(5):16–8 (Eng. Abstr.) (Rus)

[Functional and biochemical characteristics of 2 types of diabetes mellitus] Danilishina VS, et al. **Ter Arkh** 1984; 56(10):86–8 (Eng. Abstr.) (Rus)

[Somatotropic function of the hypophysis in patients with diabetes mellitus] Kostiuk EP. **Vrach Delo** 1985 Feb; (2):52–5 (Eng. Abstr.) (Rus)

[Remission of insulin-dependent diabetes] Banićević M, et al. **Srp Arh Celok Lek** 1984 Jan;112(1):43–55 (Eng. Abstr.) (Scc)

[The effect of emotional stress on diabetes mellitus] Knežević A. **Med Pregl** 1985;38(1–2):83–5 (Eng. Abstr.) (Ser)

[Brain stem evoked potentials in diabetics] Barrasa J, et al. **Actas Luso Esp Neurol Psiquiatr** 1984 Nov–Dec; 12(6):364–8 (Eng. Abstr.) (Spa)

[Delay of gastric emptying in diabetic patients] Piris de Ninci B, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1983; 41(2):29–32 (Eng. Abstr.) (Spa)

[Pharyngeal reflex in diabetic patients and controls] Alvarez G, et al. **Rev Med Chil** 1984 Jun;112(6):541–3 (Eng. Abstr.) (Spa)

PREVENTION & CONTROL

Insulin-dependent diabetes mellitus: strategy for prevention and management. Wong HB. **Ann Acad Med Singapore** 1985 Apr;14(2):334–42

Administration of silica prevents diabetes in BB-rats. Oschilewski U, et al. **Diabetes** 1985 Feb;34(2):197–9

Evidence for decreasing prevalence of diabetes mellitus in childhood apparently produced by prevention of hyperinsulinism in the foetus and newborn. Dörner G, et al. **Exp Clin Endocrinol** 1984 Oct;84(2):134–42

Predicting and preventing insulin-dependent diabetes mellitus [letter] Dean BM, et al. **Lancet** 1985 May 4; 1(8436):1043

[Preventive examinations of children for the detection of diabetes mellitus] Gokhberg MM, et al. **Pediatriia** 1984 Aug;(8):49 (Rus)

PSYCHOLOGY

Psychological aspects of recurrent diabetic ketoacidosis in preadolescent boys. Nathan SW. **Am J Psychother** 1985 Apr;39(2):193–205

Psychiatric aspects of diabetes mellitus. Surridge DH, et al. **Br J Psychiatry** 1984 Sep;145:269–76

Concerns of children with a chronic illness: a cognitive-developmental study of juvenile diabetes. Allen DA, et al. **Child Care Health Dev** 1984 Jul–Aug;10(4):211–8

Illness experience and children's concepts of health and illness. Eiser C, et al. **Child Care Health Dev** 1984 May–Jun; 10(3):157–62

The young adult with diabetes: impact of the disease on marriage and having children. Ahlfield JE, et al. **Diabetes Care** 1985 Jan–Feb;8(1):52–6

Mother-daughter interaction and adherence to diabetes regimens. Bobrow ES, et al. **Diabetes Care** 1985 Mar–Apr; 8(2):146–51

Insulin wastage [letter] Damaser E. **Diabetes Care** 1985 Mar–Apr;8(2):203–4

Verbal fluency and naming performance in type I diabetes at different blood glucose concentrations. Holmes CS, et al. **Diabetes Care** 1984 Sep–Oct;7(5):454–9

Social learning intervention to promote metabolic control in type I diabetes mellitus: pilot experiment results. Kaplan RM, et al. **Diabetes Care** 1985 Mar–Apr;8(2):152–5

A family development approach to studying factors in the management and control of childhood diabetes. Newbrough JR, et al. **Diabetes Care** 1985 Jan–Feb; 8(1):83–92

Relationship between health locus of control, health value, and social support and compliance of persons with diabetes mellitus. Schlenk EA, et al. **Diabetes Care** 1984 Nov–Dec; 7(6):566–74

The relationship between psychological stress and insulin-dependent diabetic blood glucose control: preliminary investigations. Cox DJ, et al. **Health Psychol** 1984;3(1):63–75

Some new considerations regarding psychodynamics in insulin dependent diabetes of longer than five years' duration. Bernstein RK. **Isr J Psychiatry Relat Sci** 1984; 21(4):267–82

Self-starvation in a diabetic adolescent. Schechter NL. **J Adolesc Health Care** 1985 Jan;6(1):43–5

Psychological adjustment and neuropsychological performance in diabetic patients. Skenazy JA, et al. **J Clin Psychol** 1985 May;41(3):391–6

Initial coping responses and psychosocial characteristics of children with insulin-dependent diabetes mellitus. Kovacs M, et al. **J Pediatr** 1985 May;106(5):827–34

School-age children with diabetes: knowledge and management of the disease, and adequacy of self-concept. Brown AJ. **Matern Child Nurs J** 1985 Spring;14(1):47–61

Cognitive deficits in adolescents who developed diabetes early in life. Ryan C, et al. **Pediatrics** 1985 May;75(5):921–7

Psychoanalytic treatment of diabetic children. Moran GS. **Psychoanal Study Child** 1984;39:407–47

Organic personality syndrome caused by insulin-related nocturnal hypoglycemia. Krahn DD, et al. **Psychosomatics** 1984 Sep;25(9):711–2

[Psychological study of children with diabetes] Andresová S, et al. **Cesk Pediatr** 1984 Aug;39(8):457–9 (Eng. Abstr.) (Cze)

[Diabetes in adolescence. The adult diabetes physician point of view] Basdevant A, et al. **Presse Med** 1985 Jan 12; 14(1):13–5 (Fre)

[Career choice of diabetic children] Lotz U, et al. **Padiatr Grenzgeb** 1984;23(5):305–10 (Eng. Abstr.) (Ger)

[Effect of nutritional education on food consumption in a group of children with insulin-dependent diabetes mellitus] Esquivel-Herrera S, et al. **Bol Med Hosp Infant Mex** 1984 Oct;41(10):525–7 (Eng. Abstr.) (Spa)

RADIOGRAPHY

[Changes in the size of the pancreas and kidneys in type I diabetics detected by computer tomography] Bruna J, et al. **Cesk Radiol** 1985 Jan;39(1):9–13 (Eng. Abstr.) (Cze)

REHABILITATION

[Education of diabetics by the private practitioner] Laurent C. **Diabete Metab** 1984 Oct;10(4):275–6 (Fre)

[Inpatient rehabilitation of diabetic patients—immediate metabolic effects] Francesconi M, et al. **Rehabilitation (Stuttg)** 1985 May;24(2):59–63 (Eng. Abstr.) (Ger)

SURGERY

Clinical researches on islet transplantation in 20 patients with insulin-dependent diabetes mellitus. Hu YF, et al. **Acta Acad Med Wuhan** 1984;4(3):145–51

Islet cell transplantation in diabetic dogs: studies of graft function and storage. Alderson D, et al. **Br J Surg** 1984 Oct;71(10):756–60

Splenic artery interposition in animal and human segmental pancreatic transplantation. Kočandrle V, et al. **Transplant Proc** 1984 Oct;16(5):1283–4

Subtotal pancreas transplantation. Margreiter R, et al. **Transplant Proc** 1984 Oct;16(5):1277–8

Recent experience with pancreatic transplantation at Huddinge Hospital. Tydén G, et al. **Transplant Proc** 1984 Oct;16(5):1270–3

Anesthetic and surgical management of endocrine disorders. Peterson ME, et al. **Vet Clin North Am [Small Anim Pract]** 1984 Jul; 14(4):911–25 (34 ref.)

[Selection of candidates for transplantation of the pancreas] Bartoš V, et al. **Cas Lek Cesk** 1985 Feb 15;124(7):193–7 (Eng. Abstr.) (Cze)

[Pancreas and pancreatic island transplantation in diabetes mellitus] Bretzel RG. **Fortschr Med** 1985 May 15; 103(19):497–500 (Eng. Abstr.) (Ger)

[Transplantation of the pancreas in the treatment of diabetes mellitus] Jach A. **Wiad Lek** 1984 Sep 1;37(17):1343–8 (59 ref.) (Eng. Abstr.) (Pol)

THERAPY

Gamma-globulin therapy in 6 newly diagnosed diabetic children. Heinze E, et al. **Acta Paediatr Scand** 1985 Jul; 74(4):605–6

Immunotherapy of insulin-dependent diabetes. Bell DS, et al. **Ala J Med Sci** 1985 Jul;22(3):311–4

Management of diabetes mellitus in children younger than 5 years of age. Golden MP, et al. **Am J Dis Child** 1985 May;139(5):448–52

Glycemic control with physical training in insulin-dependent diabetes mellitus. Rowland TW, et al. **Am J Dis Child** 1985 Mar;139(3):307–10

Continuous subcutaneous insulin infusion therapy in Japan, 1984: a survey by questionnaires. Goto Y, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):320–4

Continuous subcutaneous insulin infusion: its rationale, effectiveness, limitations and role in the treatment of child and adolescent diabetics. Lee WK. **Ann Acad Med Singapore** 1985 Apr;14(2):325–30 (75 ref.)

Diabetes. I. Measuring adequacy and lability of control [editorial] Tattersall RB. **Arch Dis Child** 1984 Sep; 59(9):807–9

Management of pregnancy complicated by diabetes: experience with 232 patients in a 4-year period. Plehwe WE, et al. **Aust NZ J Obstet Gynaecol** 1984 Aug; 24(3):167–73

The effects of progressive relaxation on stress and diabetic control. Lammers CA, et al. **Behav Res Ther** 1984; 22(6):641–50

Blood glucose discrimination training with insulin-dependent diabetics: a clinical note. Gross AM, et al. **Biofeedback Self Regul** 1984 Mar;9(1):49–54

Clinical transplantation of fetal human pancreatic islets. Farkas G, et al. **Biomed Biochim Acta** 1985;44(1):155–9

A new application of plasma exchange in insulin dependent diabetes mellitus. Charlton B, et al. **Biomed Pharmacother** 1985;39(1):19–22

Culture of human fetal pancreas and islet transplantation in 24 patients with type 1 diabetes mellitus. Hu YF, et al. **Chin Med J [Engl]** 1985 Apr;98(4):236–43

Closed-loop glycemic control with a wearable artificial endocrine pancreas. Variations in daily insulin requirements to glycemic response. Shichiri M, et al. **Diabetes** 1984 Dec; 33(12):1200–2

Normalization of insulin sensitivity in type I diabetic subjects by physical training during insulin pump therapy. Yki-Järvinen H, et al. **Diabetes Care** 1984 Nov–Dec; 7(6):520–7

Comparison of the acute and long-term effects of exercise on glucose control in type I diabetes. Zinman B, et al. **Diabetes Care** 1984 Nov–Dec;7(6):515–9

Remissions in newly diagnosed type 1 (insulin-dependent) diabetes: influence of interferon as an adjunct to insulin therapy. Koivisto VA, et al. **Diabetologia** 1984 Aug; 27(2):193–7

Recent experience with 89 pancreas transplants at a single institution. Sutherland DE, et al. **Diabetologia** 1984 Jul;27 Suppl:149–53

Thirty months' experience with cyclosporin in human pancreatic transplantation. Traeger J, et al. **Diabetologia** 1984 Jul;27 Suppl:154–6

Clinical course in insulin-dependent diabetics undergoing hemodialysis. Zander E, et al. **Exp Clin Endocrinol** 1985 Feb;85(1):105–12

Diabetes mellitus: customizing management. Levin PA, et al. **Hosp Pract [Off]** 1984 Oct;19(10):137–43, 147–9

Outpatient pediatric diabetes—I. Current practices. Clarke WL, et al. **J Chronic Dis** 1985;38(1):85–90

Recurrent diabetes mellitus in the pancreas iso- and allograft. A light and electron microscopic and immunohistochemical analysis of four cases. Sibley RK, et al. **Lab Invest** 1985 Aug;53(2):132–44

Immunosuppressive therapy in diabetes [letter] Leslie RD, et al. **Lancet** 1985 Mar 2;1(8427):516

Diabetes and exercise. Zinman B, et al. **Med Clin North Am** 1985 Jan;69(1):145–57 (44 ref.)

Immunospecific therapy for type I diabetes mellitus [letter] Culler FL, et al. **N Engl J Med** 1985 Sep 12;313(11):695–6

Care of the pregnant woman with insulin-dependent diabetes mellitus. Freinkel N, et al. **N Engl J Med** 1985 Jul 11; 313(2):96–101 (64 ref.)

Long-term metabolic control with insulin pump therapy. Report of experience with 127 patients. Mecklenburg RS, et al. **N Engl J Med** 1985 Aug 22;313(8):465–8

Effect of blood glucose control on increased glomerular filtration rate and kidney size in insulin-dependent diabetes. Wiseman MJ, et al. **N Engl J Med** 1985 Mar 7; 312(10):617–21

Organ transplantation in diabetics. Synopsis of the 1983 symposium. Van Schilfgaarde R. **Neth J Med** 1985; 28(6):246–53

Management of diabetes mellitus in children. Sills IN. **NY State J Med** 1985 Jun;85(6):251–6

Research and practice in the treatment of insulin-dependent diabetes: a survey of 53 pediatric diabetologists. Kaye R. **Pediatrics** 1984 Dec;74(6):1079–85

Childhood diabetes. Family-oriented approach to management. Spencer ML, et al. **Postgrad Med** 1985 Feb 1;77(2):118–26

Twin-to-twin pancreas transplantation: reversal and reenactment of the pathogenesis of type I diabetes. Sutherland DE, et al. **Trans Assoc Am Physicians** 1984; 97:80–7

Endocrine and metabolic profiles in insulin-dependent diabetics treated with continuous subcutaneous insulin infusion and pancreas transplantation: a comparison. Pozza G, et al. **Transplant Proc** 1984 Oct;16(5):1274–6

Pancreas transplantation 1983: where do we stand? van Schilfgaarde R. **Transplant Proc** 1984 Oct;16(5):1287–9

[A broad educational approach to insulin-dependent diabetics] de Poret D, et al. **Diabete Metab** 1985 Feb; 11(1):15–21 (Eng. Abstr.) (Fre)

[Remission induced at the early stage of insulin-dependent diabetes: do predictive factors exist?] Sudre Y, et al. **Rev Med Interne** 1984 Sep;5(3):206–11 (Eng. Abstr.) (Fre)

[Brittle diabetes. Current treatments and prospects for the future] Achour A, et al. **Tunis Med** 1982 Jul–Aug; 60(4):160–76 (Fre)

[Juvenile diabetes] Lakhoua R, et al. **Tunis Med** 1982 Jul–Aug;60(4):113–27 (Fre)

[Liberalized diabetic diet for type I diabetics under intensive insulin injection therapy. Follow-up observations for over 2 years] Chantelau E, et al. **Dtsch Med Wochenschr** 1985 Jul 12;110(28–29):1119–24 (Eng. Abstr.) (Ger)

[Plasmapheresis—an enrichment in the therapy of autoimmune endocrinopathies?] Schernthaner G. **Dtsch Med Wochenschr** 1984 Oct 12;109(41):1571–4 (Ger)

[Effect of dietary fat on blood sugar levels and insulin consumption after intake of various carbohydrate carriers in type I diabetics on the artificial pancreas] Wakhloo AK, et al. **Dtsch Med Wochenschr** 1984 Oct 19;109(42):1589–94 (Eng. Abstr.) (Ger)

[Prognosis of diabetes mellitus. 1: Prognosis up to now and new possibilities for metabolic control and therapy] Beischer W, et al. **Fortschr Med** 1985 May 15;103(19):501–5 (Eng. Abstr.) (Ger)

[Prognosis of diabetes mellitus. 2: Future prognosis, chances, reality and hopes] Beischer W, et al. **Fortschr Med** 1985 May 15;103(19):506–10 (Eng. Abstr.) (Ger)

[Immuno- and regeneration therapy of recently diagnosed diabetes mellitus type I] Huth E. **Klin Padiatr** 1985 Mar–Apr;197(2):75–84 (Eng. Abstr.) (Ger)

[Inpatient and ambulatory long-term care of diabetic children and adolescents and their parents] Hürter P. **Monatsschr Kinderheilkd** 1984 Sep;132(9):635–9 (Ger)

[Diabetes mellitus in childhood] Borkenstein M, et al. **Wien Med Wochenschr** 1985 Apr 15;135(6–7):171–3 (Ger)

[Immunotherapy in type 1 (insulin-dependent) diabetes] Galluzzo A. **Recenti Prog Med** 1984 Oct;75(10):936–43 (22 ref.) (Eng. Abstr.) (Ita)

[Pancreas transplantation in diabetes mellitus] Brekke IB, et al. **Tidsskr Nor Laegeforen** 1984 Nov 30;104(33):2331–3 (Eng. Abstr.) (Nor)

[Results of treatment of diabetes mellitus in 585 children in a diabetological sanatorium in Rabka by the self-care method] Ludwiczak H, et al. **Pediatr Pol** 1984 Sep; 59(9):731–42 (Eng. Abstr.) (Pol)

[Complex treatment of diabetes mellitus] Zlatkina AR, et al. **Klin Med (Mosk)** 1984 Aug;62(8):139–42 (Rus)

[Clinical allotransplantation of human fetal islet cell cultures] Shumakov VI, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):18–22 (Rus)

[Transplantation of the pancreas at Huddinge Hospital: Improved results with pancreatic transplantation can prevent late diabetic complications] Tydén G, et al. **Lakartidningen** 1985 Jun 12;82(24):2237–8 (Swe)

URINE

Metabolic control in diabetic children [letter] Mimouni M, et al. **Acta Paediatr Scand** 1984 Nov;73(6):858–9

Urine albumin to creatinine ratio-response to exercise in diabetes. Jefferson IG, et al. **Arch Dis Child** 1985 Apr; 60(4):305–10

Effect of glycaemic control and duration of disease on overnight albumin excretion in diabetic children. Rowe DJ, et al. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):957–9

Rapid and sensitive immunoassay for albumin determination in urine. Harmoinen A, et al. **Clin Chim Acta** 1985 Jul 15; 149(2–3):269–74

Urinary excretion of plasma proteins in diabetic subjects. Increased excretion of kappa light chains in diabetic patients with and without proliferative retinopathy. Teppo AM, et al. **Diabetes** 1985 Jun;34(6):589–94

Urinary excretion of non-dialysable conjugates of glucose and galactose in normal people and diabetic patients. Lloyd P, et al. **Diabetologia** 1984 Oct;27(4):433–6

Fructose and misleading glycosylation data [letter] Burden AC. **Lancet** 1984 Oct 27;2(8409):986

Reevaluation of home urine glucose measurements in diabetic children. A computerized study of short-term control variables in the prediction of long-term diabetic control. Tuvemo T, et al. **Ups J Med Sci** 1984;89(3):244–53

[Urinary catecholamines in normal-weight and overweight diabetics] Vakov L. **Vutr Boles** 1985;24(1):108–12 (Eng. Abstr.) (Bul)

[Monitoring diabetic nephropathy by the determination of microalbuminuria (letter)] Krempf M, et al. **Presse Med** 1984 Dec 22;13(46):2817 (Fre)

[Beta 2-microglobulin hyperexcretion in childhood diabetic ketoacidosis] Körner A, et al. **Orv Hetil** 1985 Jun 16; 126(24):1467–70 (Eng. Abstr.) (Hun)

[Urinary protein secretions in diabetes mellitus without clinical signs of nephropathy] Bottelli R, et al. **Minerva Urol Nefrol** 1984 Oct–Dec;36(4):285–91 (Eng. Abstr.) (Ita)

[Proteinuria in diabetics before and after treatment with the Biostator apparatus] Spesivtseva VG, et al. **Probl Endokrinol (Mosk)** 1985 Mar–Apr;31(2):3–5 (Eng. Abstr.) (Rus)

VETERINARY

Spontaneous autoimmune diabetes mellitus in the BioBreeding/Worcester rat. Like AA, et al. **Surv Synth Pathol Res** 1984;3(2):131–8 (48 ref.)

DIABETES MELLITUS, JUVENILE ONSET see **DIABETES MELLITUS, INSULIN-DEPENDENT**

DIABETES MELLITUS, KETOSIS PRONE see **DIABETES MELLITUS, INSULIN-DEPENDENT**

DIABETES MELLITUS, KETOSIS RESISTANT see **DIABETES MELLITUS, NON-INSULIN-DEPENDENT**

DIABETES MELLITUS, LIPOATROPHIC

BLOOD

Insulin resistance in total lipodystrophy: evidence for a pre-receptor defect in insulin action. Golden MP, et al. **Metabolism** 1985 Apr;34(4):330–5

METABOLISM

Altered glucose transport conferring post-receptor insulin resistance to a patient with lipoatrophic diabetes [letter] Capeau J, et al. **Diabete Metab** 1984 Dec;10(5):336–7

DIABETES MELLITUS, NON-INSULIN-DEPENDENT

Comparison of type I and type II diabetes. Similarities and dissimilarities in etiology, pathogenesis, and complications. **Adv Exp Med Biol** 1985;189:1–351

Outcome of pregnancy complicated by diabetes: experience with 232 patients in a 4 year period. Plehwe WE, et al. **Diabetes Res** 1984 Jul;1(2):67–73

Five cranial nerve palsies in a diabetic man. Brett AS. **South Med J** 1985 Feb;78(2):212–3

BLOOD

Lipids, lipoproteins and apolipoproteins in type 1 (insulin-dependent) and type 2 (non-insulin-dependent) diabetes mellitus. Bittolo Bon G, et al. **Acta Diabetol Lat** 1984 Oct–Dec;21(4):315–24

Nightly amended IRI/BG ratio in fasting test during sleeping periods in subjects with insulinoma and in normal, diabetic and obese subjects. Villaume C, et al. **Acta Diabetol Lat** 1984 Oct–Dec;21(4):325–32

Effects of previous intake of glucose on postprandial hyperglycemia in type 2 diabetics. Grill V, et al. **Acta Med Scand** 1985;217(1):41–5

Plasma HDL cholesterol and blood glucose in non-insulin-dependent diabetics related to liver lipids and microsomal enzyme activity. Luoma PV, et al. **Acta Med Scand** 1985;217(5):473–9

Improved metabolic control after supplemented fasting in overweight type II diabetic patients. Vessby B, et al. **Acta Med Scand** 1984;216(1):67–74

Effects of ECT on diabetes mellitus. An attempt to account for conflicting data. Finestone DH, et al. **Acta Psychiatr Scand** 1984 Oct;70(4):321–6

Insulin-stimulated glucose disposal in patients with type I (IDDM) and type II (NIDDM) diabetes mellitus. Reaven GM. **Adv Exp Med Biol** 1985;189:129–36

Effect of source of dietary carbohydrate on plasma glucose, insulin, and gastric inhibitory polypeptide responses to test meals in subjects with noninsulin-dependent diabetes mellitus. Coulston AM, et al. **Am J Clin Nutr** 1984 Nov; 40(5):965–70

Glycemic responses to foods: possible differences between insulin-dependent and noninsulin-dependent diabetics. Jenkins DJ, et al. **Am J Clin Nutr** 1984 Nov;40(5):971–81

Serum C-peptide levels determine glycemic responses in type II diabetic patients treated with combined insulin and sulfonylurea agent. Osei K, et al. **Am J Med Sci** 1985 Apr; 289(4):148–53

Serum lipoprotein and lipoprotein lipase in overweight, type II diabetics during and after supplemented fasting. Vessby B, et al. **Arteriosclerosis** 1985 Jan–Feb;5(1):93–100

Triglyceride and cholesterol levels during pregnancy in type

I, type II and gestational diabetic women. Botta RM, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2055–9

Prostacyclin and thromboxane in non-insulin dependent diabetes: the chlorpropamide alcohol flush reaction revisited. Johnston C, et al. **Clin Sci** 1984 Dec;67(6):633–8

Thromboxane, prostacyclin, beta-thromboglobin, and diabetes mellitus. Brunner D, et al. **Clin Ther** 1984; 6(5):636–42

Comparison of glycosylated hemoglobin with the oral glucose tolerance test. A study in subjects with normoglycemia, glucose intolerance and non-insulin-dependent diabetes mellitus. Cederholm J, et al. **Diabete Metab** 1984 Oct;10(4):224–9

The effects of variations in percent of naturally occurring complex and simple carbohydrates on plasma glucose and insulin response in individuals with non-insulin-dependent diabetes mellitus. Hollenbeck CB, et al. **Diabetes** 1985 Feb; 34(2):151–5

Plasma lipids and lipoprotein cholesterol in undernourished diabetic subjects and adults with protein energy malnutrition. Das S, et al. **Diabetes Care** 1984 Nov–Dec; 7(6):579–86

Diabetic microangiopathic hemolytic anemia: beneficial effect of an antiplatelet agent? Dupont AG, et al. **Diabetes Care** 1985 Mar–Apr;8(2):169–71

Alterations in plasma lipids in the presence of mild glucose intolerance in the offspring of two type II diabetic parents. Ganda OP, et al. **Diabetes Care** 1985 May–Jun;8(3):254–60

Development of paper-strip test for 3-hydroxybutyrate and its clinical application. Harano Y, et al. **Diabetes Care** 1984 Sep–Oct;7(5):481–5

C-Peptide responses to glucose load in maturity-onset diabetes of the young (MODY). Mohan V, et al. **Diabetes Care** 1985 Jan–Feb;8(1):69–72

Clinical utility of nonenzymatically glycosylated blood proteins as an index of glucose control. Schleicher ED, et al. **Diabetes Care** 1984 Nov–Dec;7(6):548–56

Accuracy in estimating fasting blood glucose levels by patients with diabetes. Wing RR, et al. **Diabetes Care** 1984 Sep–Oct;7(5):476–8

Sucrose or honey at breakfast have no additional acute hyperglycaemic effect over an isoglucidic amount of bread in type 2 diabetic patients. Bornet F, et al. **Diabetologia** 1985 Apr;28(4):213–7

Sera from type 2 (non-insulin-dependent) diabetic and healthy subjects contain different amounts of a very low molecular weight growth peptide for vascular cells. Koschinsky T, et al. **Diabetologia** 1985 Apr;28(4):223–8

Circadian time structure of endocrine and biochemical parameters in adult onset (type II) diabetic patients. Nicolau GY, et al. **Endocrinologie** 1984 Oct–Dec;22(4):227–43

Platelet insulin receptor determination in non-insulin dependent diabetes mellitus. Udvardy M, et al. **Experientia** 1985 Mar 15;41(3):422–3

The change of serum lipoproteins observed in non insulin dependent diabetic patients and a study of its mechanism. Hayashi K, et al. **Hiroshima J Med Sci** 1984 Dec; 33(4):619–24

Differential plasma glucose response to varying glucose loads in non-insulin dependent (type 2) diabetics with retinopathy. Iguchi A, et al. **Horm Metab Res** 1984 Dec; 16 Suppl 1:145–8

The C-peptide response to glucagon injections in IDDM and NIDDM patients. Poulsen S, et al. **Horm Metab Res** 1985 Jan;17(1):39–40

Hormonal and metabolic responses to breakfast meals in niddm: comparison of white and whole-grain wheat bread and corresponding extruded products. Hagander B, et al. **Hum Nutr Appl Nutr** 1985 Apr;39(2):114–23

The effect of different types of Finnish bread on postprandial glucose response in diabetic patients. Heinonen L, et al. **Hum Nutr Appl Nutr** 1985 Apr;39(2):108–13

Gliclazide: the effects on lipids in type II diabetes. Delargy M, et al. **Ir J Med Sci** 1985 Mar;154(3):102–5

Glycosylated haemoglobin: its correlation with blood sugar in management of maturity onset diabetes mellitus. Juneja SC, et al. **J Assoc Physicians India** 1984 Sep;32(9):785–8

Modulation of insulin secretion by insulin and glucose in type II diabetes mellitus. Garvey WT, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):559–68

Effects of salicylate, tolbutamide, and prostaglandin E2 on insulin responses to glucose in noninsulin-dependent diabetes mellitus. Giugliano D, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):160–6

Gastric inhibitory polypeptide responses to nutrients in Caucasians and American Indians with obesity and noninsulin-dependent diabetes mellitus. Mazzaferri EL, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):313–21

How insulin resistant are patients with noninsulin-dependent diabetes mellitus? Reaven GM, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):32–6

Effect of atenolol on serum beta 2-microglobulin level in hypertensive diabetic patients. Koh H, et al. **J Clin Pharmacol** 1985 Apr;25(3):230–2

Effect of clonidine on glucose, insulin and glucagon responses to a protein meal in type 2 diabetics. Ferlito S, et al. **J Endocrinol Invest** 1985 Jun;8(3):185–7

Postprandial hyperglycemia after ingestion of peeled and non-peeled fruits in type-2 diabetics. Katsilambros N, et al. **J Endocrinol Invest** 1985 Jun;8(3):189–91

Blood glucose monitoring in a type II diabetic [clinical conference] Squire KM, et al. **J Fam Pract** 1985 Sep; 21(3):181–93

Aggravation by propranolol of hyperglycaemic effect of hydrochlorothiazide in type II diabetics without alteration of insulin secretion. Dornhorst A, et al. **Lancet** 1985 Jan 19;1(8421):123–6

Increased plasma levels of immunoreactive beta-endorphin and corticotropin in non-insulin-dependent diabetes [letter] Vermes I, et al. **Lancet** 1985 Sep 28;2(8457):725–6

Fibrinolysis in diabetes mellitus. Role of overweight and hypertriglyceridemia. Cucuianu M, et al. **Med Interne** 1984 Jul–Sep;22(3):171–7

Instability of fasting blood glucose values in noninsulin-dependent diabetic patients with long-term insulin treatment. Hsieh SD, et al. **Metabolism** 1985 Apr; 34(4):371–6

Diabetic osteopenia and circulating levels of vitamin D metabolites in type 2 (noninsulin-dependent) diabetes. Ishida H, et al. **Metabolism** 1985 Sep;34(9):797–801

Effect of exogenous insulin on glucose kinetics in rats with noninsulin-dependent diabetes. Kergoat M, et al. **Metabolism** 1985 Apr;34(4):377–82

Serum fructosamine in patients with diabetes mellitus. Baker J, et al. **NZ Med J** 1985 Jul 10;98(782):532–5

Goals and assessment of diabetic control. Scott DJ, et al. **NZ Med J** 1985 Jul 10;98(782):536–8

Platelet thromboxane synthesizing activity in non-insulin-dependent diabetes: correlation with diabetic retinopathy and diabetic treatment. Takahashi R, et al. **Prostaglandins Leukotrienes Med** 1985 Feb;17(2):149–58

Effect of acetylsalicylic acid on platelet survival in diabetic patients. Góngora-Biachi RA, et al. **Rev Invest Clin** 1984 Jul–Sep;36(3):253–6

Lipid and lipoprotein aberrations in Indian patients with non-insulin-dependent diabetes in the young. Jialal I, et al. **S Afr Med J** 1985 Jun 22;67(25):1001–4

[3H]ouabain binding and sodium content in lymphocyte sub-populations and the demonstration of increased binding in type 2 diabetes mellitus. Berntorp E, et al. **Scand J Clin Lab Invest** 1985 Feb;45(1):27–36

Effect of serial test meals on plasma immunoreactive GIP in non-insulin dependent diabetic patients and non-diabetic controls. Groop PH, et al. **Scand J Clin Lab Invest** 1985 Apr;45(2):115–22

Effects of intravenously infused porcine GIP on serum insulin, plasma C-peptide, and pancreatic polypeptide in non-insulin-dependent diabetes in the fasting state. Amland PF, et al. **Scand J Gastroenterol** 1985 Apr;20(3):315–20

ApoE-2/E-3 ratio of very low density lipoprotein in diabetes mellitus. Sano R, et al. **Tohoku J Exp Med** 1985 Jun; 146(2):131–6

Qualitative and quantitative analysis of erythrocyte surface membrane sialyl residues using affinity cytochemistry with special reference to diabetic patients. Suganuma T, et al. **Virchows Arch [Cell Pathol]** 1985;49(1):1–11

[Serum high-density lipoprotein cholesterol and its subclasses in normal subjects, diabetics and coronary patients] Wang ZQ. **Chung Hua Nei Ko Tsa Chih** 1985 Apr;24(4):200–3, 253–4 (Eng. Abstr.) (Chi)

[The relation of glycosylated proteins in blood to the state of compensation in diabetes mellitus] Skrha J, et al. **Cas Lek Cesk** 1985 Jun 21;124(25):783–6 (Eng. Abstr.) (Cze)

[The 'dawn phenomenon' in diabetic patients] Kühnau J. **Dtsch Med Wochenschr** 1984 Sep 21;109(38):1464–5 (Ger)

[Significance of thrombocytes and plasma for the regulation of hemostasis in type II diabetics] Sinzinger H, et al. **Vasa** 1985;14(2):121–4 (Eng. Abstr.) (Ger)

[Tooth extraction in diabetics with reference to blood and urinary glucose values] Rennefarth I. **Z Arztl Fortbild (Jena)** 1984;78(23):1005–6 (Ger)

[Longitudinal studies on the prognostic significance of plasma fibrinogen in diabetes mellitus] Schmechel H, et al. **Z Gesamte Inn Med** 1984 Sep 15;39(18):453–7 (Eng. Abstr.) (Ger)

[Effects of acute and chronic administration of fendiline on glucose tolerance and on insulin secretion in healthy volunteers and type II diabetics] Marigo S, et al. **Clin Ter** 1984 Nov 30;111(4):325–31 (Eng. Abstr.) (Ita)

[HDL cholesterol lipoprotein levels and the atherogenicity coefficient in males with diabetes mellitus and ischemic heart disease] Kudriakova SV, et al. **Kardiologiia** 1984 Nov; 24(11):40–3 (Eng. Abstr.) (Rus)

[Changes in immunochemical properties of serum ferritin after its post-translation modification with glucose in patients with diabetes mellitus] Andreeva AP, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):23–5 (Eng. Abstr.) (Rus)

[Sensitivity to insulin in patients with diabetes mellitus] Levchenko TP. **Probl Endokrinol (Mosk)** 1984 Sep–Oct; 30(5):13–6 (Eng. Abstr.) (Rus)

[Levels of various pituitary and pancreatic hormones in the blood of patients with non-insulin-dependent diabetes mellitus] Perelygina AA, et al. **Probl Endokrinol (Mosk)** 1984 Sep–Oct;30(5):10–3 (Eng. Abstr.) (Rus)

[Clinical characteristics and hormonal-metabolic homeostasis in patients with insulin-dependent diabetes mellitus with stable and labile courses] Tikhonova EP, et al. **Ter Arkh** 1984;56(10):84–6 (Eng. Abstr.) (Rus)

[Glycosylated hemoglobin: evaluation of labile and stable fractions in type I and type II diabetes] Rosel P, et al. **Med Clin (Barc)** 1985 Mar 9;84(9):349–52 (Eng. Abstr.) (Spa)

[Glycosylated hemoglobin and oral overload with glucose. Comparison of the sensitivity of both determinations in the diagnosis of type II diabetes mellitus] López Alvarez J. **Rev Clin Esp** 1984 Oct 15;175(1):25–6 (Eng. Abstr.) (Spa)

[Effect of chlorpropamide on insulin levels of patients with diabetes type II] Ruiz F, et al. **Rev Med Chil** 1984 May; 112(5):429–33 (Eng. Abstr.) (Spa)

CHEMICALLY INDUCED

Do antihypertensive drugs precipitate diabetes? [letter] Whitcroft I. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):322

Synthetic salmon calcitonin is not diabetogenic in patients with normal or impaired glucose metabolism. Giustina G, et al. **J Endocrinol Invest** 1985 Feb;8(1):19–23

[Diuretics. An etiological factor in non-insulin dependent diabetes mellitus?] Tryggeseth A. **Tidsskr Nor Laegeforen** 1984 Oct 10;104(28):1956–8 (Eng. Abstr.) (Nor)

CLASSIFICATION

Basis of the present classification of diabetes. Bennett PH. **Adv Exp Med Biol** 1985;189:17–29

Heterogeneity within type II and MODY diabetes. Fajans SS. **Adv Exp Med Biol** 1985;189:65–87

Identification of some issues and questions to be answered in comparing type I and type II diabetes. Vranic M. **Adv Exp Med Biol** 1985;189:1–15

COMPLICATIONS

Ketoalkalosis as a result of triple derangement of acid-base equilibrium in a diabetic patient. Greco AV, et al. **Acta Diabetol Lat** 1985 Jan–Mar;22(1):73–7

Beta-thromboglobulin and fibrinopeptide A in diabetes mellitus as markers of vascular damage. Librenti MC, et al. **Acta Diabetol Lat** 1985 Jan–Mar;22(1):39–45

Diabetes as pro-infective risk factor in total hip replacement. Vannini P, et al. **Acta Diabetol Lat** 1984 Jul–Sep; 21(3):275–80

The prevalence of cataract in insulin-dependent and non-insulin-dependent-diabetes mellitus. Nielsen NV, et al. **Acta Ophthalmol (Copenh)** 1984 Aug;62(4):595–602

Leg blood flow in intermittent claudication—a comparison between non insulin dependent diabetics and non diabetics. Janzon L, et al. **Angiology** 1984 Nov;35(11):724–8

Findings among 100 type 2 diabetics in a clinic in Penang, Malaysia, 1983–84. Merriman A, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):277–85

Abnormal breathing patterns during sleep in diabetes. Mondini S, et al. **Ann Neurol** 1985 Apr;17(4):391–5

Diabetic cheiroarthropathy in adult non-insulin-dependent diabetes [letter] Rossi P, et al. **Ann Rheum Dis** 1985 Feb; 44(2):141–2

Abnormalities of cardiac conduction in diabetics. Blandford RL, et al. **Br Med J [Clin Res]** 1984 Dec 15;289(6459):1659

Urinoma complicating papillary necrosis in diabetes. Dennis MS, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1581

Focal epilepsy in diabetic non-ketotic hyperglycaemia. Grant C, et al. **Br Med J [Clin Res]** 1985 Apr 20;290(6476):1204–5

Hemorrhage into plantar callus and diabetes mellitus. Rosen RC, et al. **Cutis** 1985 Apr;35(4):339–41

The possibility of an early growth delay in White's class A diabetic pregnancy. Pedersen JF, et al. **Diabetes** 1985 Jun; 34 Suppl 2:47–9

A generalized allergic reaction due to zinc in insulin preparation [letter] Bruni B, et al. **Diabetes Care** 1985 Mar–Apr;8(2):201

Bullosis diabeticorum: a case with lesions restricted to the hands. Collet JT, et al. **Diabetes Care** 1985 Mar–Apr; 8(2):177–9

Diabetic complications and their relationships to risk factors in a Japanese population. Ishihara M, et al. **Diabetes Care** 1984 Nov–Dec;7(6):533–8

Nephropathy in Indian patients with non-insulin-dependent diabetes in the young. Jialal I, et al. **Diabetes Care** 1984 Nov–Dec;7(6):587–9

The course of peripheral vascular disease in non-insulin-dependent diabetes. Kreines K, et al. **Diabetes Care** 1985 May–Jun;8(3):235–43 (77 ref.)

Association of differing dietary, metabolic, and clinical risk factors with macrovascular complications of diabetes: a prevalence study of 503 Mexican type II diabetic subjects. I. Paisey RB, et al. **Diabetes Care** 1984 Sep–Oct;7(5):421–7

Association of differing dietary, metabolic, and clinical risk factors with microvascular complications of diabetes: a prevalence study of 503 Mexican type II diabetic subjects. II. Paisey RB, et al. **Diabetes Care** 1984 Sep–Oct; 7(5):428–33

Hyperinsulinaemia is associated with development of electrocardiographic abnormalities in diabetics. Hillson RM, et al. **Diabetes Res** 1984 Sep;1(3):143–9

Comparison of the hypotensive and metabolic effects of metoprolol therapy with a high fibre, low sodium, low fat diet in hypertensive type 2 diabetic subjects. Pacy PJ, et al. **Diabetes Res** 1984 Nov;1(4):201–7

A controlled trial of a high fibre, low fat and low sodium diet for mild hypertension in Type 2 (non-insulin-dependent) diabetic patients. Dodson PM, et al. **Diabetologia** 1984 Nov;27(5):522–6

Retinopathy is associated with higher glycaemia in maturity-onset type diabetes. Howard-Williams J, et al.

Diabetologia 1984 Aug;27(2):198–202

Diabetes in part-aborigines of Western Australia. Stanton KG, et al. **Diabetologia** 1985 Jan;28(1):16–21

Prevalence of coronary heart disease, left ventricular failure and hypertension in middle-aged, newly diagnosed type 2 (non-insulin-dependent) diabetic subjects. Uusitupa M, et al. **Diabetologia** 1985 Jan;28(1):22–7

Clinical macrovascular disease in Caucasoid diabetic subjects: logistic regression analysis of risk variables. Welborn TA, et al. **Diabetologia** 1984 Dec;27(6):568–73

Hyperlipidemia: forestalling complications in older diabetics. Chait A. **Geriatrics** 1985 Apr;40(4):71–3, 76–8 (12 ref.)

Diabetic hepatitis preceding the onset of glucose intolerance. Batman PA, et al. **Histopathology** 1985 Feb;9(2):237–43

Study of urinary tract infection in diabetic subjects. Shah BV, et al. **J Assoc Physicians India** 1984 Dec;32(12):1037–40

Effect of metoclopramide in diabetic gastroparesis. Ricci DA, et al. **J Clin Gastroenterol** 1985 Feb;7(1):25–32

Hypotensive effect of the association atenolol-chlorthalidone in hypertensive diabetics. Gentile S, et al. **J Int Med Res** 1984;12(5):281–5

Pharyngeal colonization by gram-negative bacilli in ambulatory diabetics. Aswapokee N, et al. **J Med Assoc Thai** 1985 May;68(5):243–7

Pregnancy complicated by non-insulin dependent diabetes mellitus and type V hyperlipoproteinaemia: case report. Cooper GJ, et al. **NZ Med J** 1985 Jun 12;98(780):430–2

Emphysematous pyelonephritis in a patient with diabetes mellitus and total pelvic exenteration. Bakri YN, et al. **Obstet Gynecol** 1984 Nov;64(5):740–1

Neuropsychological cognitive performance of patients with type-2 diabetes. Mattlar CE, et al. **Scand J Rehabil Med** 1985;17(2):101–5

Interference on metabolism induced by muzolimine and chlorthalidone in type II hypertensive diabetics. Pagano G, et al. **Z Kardiol** 1985;74 Suppl 2:80–3

[A preliminary analysis on the risk factors of retinopathy in non-insulin-dependent diabetes mellitus] Cheng H. **Chung Hua Nei Ko Tsa Chih** 1984 Aug;23(8):472–4, 524 (Eng. Abstr.) (Chi)

[Effect of clinical hyperthyroidism and hypothyroidism on patent diabetes. 59 cases] Hirbli K, et al. **Presse Med** 1985 Jan 12;14(1):17–21 (Eng. Abstr.) (Fre)

[It is necessary to improve the ophthalmologic monitoring of non-insulin-dependent diabetic patients (letter)] Lombrail P, et al. **Presse Med** 1984 Dec 1;13(43):2647 (Fre)

[Driving fitness and administrative fitness in diabetes mellitus] Kühnau J. **Off Gesundheitswes** 1984 Sep;46(9):470–2 (Ger)

[Diabetes mellitus and exocrine pancreas function] Bretzke G. **Z Gesamte Inn Med** 1984 Aug 15;39(16):388–90 (Eng. Abstr.) (Ger)

[Diabetic hepatopathies] Balázs M, et al. **Orv Hetil** 1984 Aug 19;125(34):2063–4, 2067–9 (Eng. Abstr.) (Hun)

[Coronary disease in type 2 diabetes] Scialdone A, et al. **Boll Soc Ital Cardiol** 1983 Oct;28(10):843–9 (Eng. Abstr.) (Ita)

[Coronary disease in type II diabetes] Scialdone A, et al. **Boll Soc Ital Cardiol** 1983 Oct;28(10):843–9 (Eng. Abstr.) (Ita)

[Captopril in the control of essential arterial hypertension in diabetic subjects] Ricci PD, et al. **Clin Ter** 1985 Apr 15;113(1):33–8 (Eng. Abstr.) (Ita)

[Comparative study of the electrocardiographic glucose test and the cycloergometric stress test in hypertensive subjects with type II diabetes mellitus] Conte G, et al. **G Clin Med** 1984 Nov–Dec;65(11–12):511–8 (Eng. Abstr.) (Ita)

[Controlled study of the effect of sulodexide on peripheral diabetic macroangiopathy] Piva I, et al. **G Clin Med** 1985 Jan–Feb;66(1–2):37–45 (Eng. Abstr.) (Ita)

[A case of lichen ruber planus associated with vitiligo, diabetes mellitus and thyroid goiter] Patrone P, et al. **G Ital Dermatol Venereol** 1985 Mar–Apr;120(2):133–5 (Eng. Abstr.) (Ita)

[Diabetes mellitus and the kidneys] Siciński A. **Pol Arch Med Wewn** 1984 Nov;72(5):273–8 (Pol)

[Osteoporosis in patients with diabetes mellitus type 1 and 2. Roent[illegible]morphometric evaluation and changes in various [illegible]meters of calcium-phosphorus metabolism] Gasińska [illegible]. **Pol Tyg Lek** 1984 Apr 30;39(18):603–7 (Eng. Abstr.) (Pol)

[Classification and epidemiology of arterial hypertension in patients with diabetes mellitus] Tatoń J, et al. **Pol Tyg Lek** 1984 Aug 20;39(34):1133–9 (23 ref.) (Pol)

[Headaches in patients with diabetes mellitus] Split W, et al. **Wiad Lek** 1984 Sep 15;37(18):1412–6 (Eng. Abstr.) (Pol)

[Chlorpropamide-alcohol test as a marker of vascular complications of non-insulin-dependent diabetes mellitus] Balabolkin MI, et al. **Ter Arkh** 1984;56(12):128–30 (34 ref.) (Rus)

[Carbohydrate metabolism in patients with granuloma annulare] Khazizov IE. **Vestn Dermatol Venerol** 1984 Sep;(9):53–7 (Eng. Abstr.) (Rus)

[Current aspects of the pathogenesis and therapy of granuloma annulare and necrobiosis lipoidica] Shaposhnikov OK, et al. **Vestn Dermatol Venerol** 1985 May;(5):4–8 (Eng. Abstr.) (Rus)

[Balance of sterols of animal origin in diabetics with hyperlipoproteinemia and its control by a low-cholesterol diet] Šimončič R, et al. **Cas Lek Cesk** 1984 Dec 7;123(49):1499–503 (Eng. Abstr.) (Slo)

[Prevalence and clinical aspects of cardiovascular vegetative neuropathy in a diabetic population] Fernández-Castañer M, et al. **Med Clin (Barc)** 1985 Feb 16;84(6):215–8 (Eng. Abstr.) (Spa)

[The blush or flush caused by chlorpropamide/alcohol (CAF) in non-insulin-dependent diabetes mellitus] Ordóñez A, et al. **Rev Clin Esp** 1985 May;176(9):453–6 (Eng. Abstr.) (Spa)

[Progressive chronic pulmonary coccidioidomycosis in a patient with diabetes mellitus type II] Forsbach Sánchez G, et al. **Rev Invest Clin** 1985 Jan–Mar;37(1):49–51 (Eng. Abstr.) (Spa)

DIAGNOSIS

Age of onset and type of diabetes. Laakso M, et al. **Diabetes Care** 1985 Mar–Apr;8(2):114–7

C-peptide measurement in the differentiation of type 1 (insulin-dependent) and type 2 (non-insulin-dependent) diabetes mellitus. Katzeff HL, et al. **Diabetologia** 1985 May;28(5):264–8

Pregnancy in Ethiopian diabetic women. Lester FT. **Ethiop Med J** 1985 Jan;23(1):21–6

Non-insulin dependent diabetes mellitus in children. Gaunder BN. **Nurse Pract** 1984 Dec;9(12):43–4

[Long-term course of type I-simulating type II-diabetes mellitus] Lohmann D, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(5):241–4 (Eng. Abstr.) (Ger)

[The chlorpropamide-alcohol test in diabetes mellitus] Babadzhanova GIu, et al. **Sov Med** 1984;(7):101–3 (Rus)

DIET THERAPY

Long-term ingestion of guar gum is not toxic in patients with noninsulin-dependent diabetes mellitus. McIvor ME, et al. **Am J Clin Nutr** 1985 May;41(5):891–4

The effects of sucrose, fructose, and high-fructose corn syrup meals on plasma glucose and insulin in non-insulin-dependent diabetic subjects. Akgün S, et al. **Diabetes Care** 1985 May–Jun;8(3):279–83

A four-year prospective trial of unmeasured diet in lean diabetic adults. Gallagher AM, et al. **Diabetes Care** 1984 Nov–Dec;7(6):557–65

Flattening postprandial blood glucose responses with guar gum: acute effects. McIvor ME, et al. **Diabetes Care** 1985 May–Jun;8(3):274–8

Effect of protein ingestion on the glucose and insulin response to a standardized oral glucose load. Nuttall FQ, et al. **Diabetes Care** 1984 Sep–Oct;7(5):465–70

Effect of a high fibre, high carbohydrate dietary regimen on serum lipids and lipoproteins in type II hypertensive diabetic patients. Pacy PJ, et al. **Diabetes Res** 1984 Sep;1(3):159–63

High carbohydrate diet in the management of non-obese non-insulin-dependent Nigerian diabetics. Oli JM, et al. **Hum Nutr Appl Nutr** 1984 Dec;38(6):479–86

Beneficial effect of moderate weight loss in older patients with non-insulin-dependent diabetes mellitus poorly controlled with insulin. Reaven GM. **J Am Geriatr Soc** 1985 Feb;33(2):93–5

Effects of normoglycemia after a low carbohydrate diet in NIDDM. Insulin secretion and effectiveness. Viviani GL, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):229–32

Dietetic control of maturity-onset diabetes in Nigeria. Azinge NO. **Trop Doct** 1985 Jan;15(1):13–4

[Effects of rigid dietary restrictions on the control of blood sugar in obese type II diabetic patients] La Nave G, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2267–71 (Eng. Abstr.) (Ita)

[Diet, diabetes and atherosclerosis. Research on food consumption and on the influence of complex sugars and dietary fibers on the state of metabolic compensation in insulin-dependent and non-insulin dependent diabetic population] Arsenio L, et al. **Minerva Dietol Gastroenterol** 1984 Jul–Sep;30(3):321–48 (Eng. Abstr.) (Ita)

[Diet and metabolic control in diabetes mellitus. Influence of carbohydrates and dietary fiber] Tornaghi G, et al. **Minerva Dietol Gastroenterol** 1984 Jul–Sep;30(3):239–43 (Eng. Abstr.) (Ita)

[Plant fibers and type 2 diabetes] Riccardi G, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):213–20 (Eng. Abstr.) (Ita)

[Determining the effect of a pectin-enriched standard diabetic diet on diurnal blood glucose profiles and serum insulin (IRI) levels in diabetes mellitus type 2] Górnicka M, et al. **Pol Tyg Lek** 1984 Apr 30;39(18):597–601 (Pol)

[Diets with a high carbohydrate content and with fiber supplements in diabetes mellitus. I. Effect on blood sugar control] Calle Pascual AL, et al. **Med Clin (Barc)** 1984 Sep 15;83(7):271–5 (Eng. Abstr.) (Spa)

[Diets with a high carbohydrate content and fiber supplements in diabetes mellitus (II). Effect on lipid metabolism] Calle Pascual AL, et al. **Med Clin (Barc)** 1984 Sep 22;83(8):321–5 (Eng. Abstr.) (Spa)

DRUG THERAPY

Effect of iodine administration on thyroid function in diabetic patients. Robuschi G, et al. **Acta Diabetol Lat** 1984 Oct–Dec;21(4):357–60

Favorable effects of glibenclamide in a patient exhibiting idiosyncratic hepatotoxic reactions to both chlorpropamide and tolbutamide. Rumboldt Z, et al. **Acta Diabetol Lat** 1984 Oct–Dec;21(4):387–91

Transient effect of the combination of insulin and sulfonylurea (glibenclamide) on glycemic control in non-insulin dependent diabetics poorly controlled with insulin alone. Groop L, et al. **Acta Med Scand** 1985;217(1):33–9

The new oral antidiabetic drugs. Moss JM, et al. **Am Fam Physician** 1984 Nov;30(5):119–21

Concomitant insulin and sulfonylurea therapy in patients with type II diabetes. Effects on glucoregulation and lipid metabolism. Osei K, et al. **Am J Med** 1984 Dec;77(6):1002–9

Effects of oral sulfonylureas on the spectrum of defects in non-insulin-dependent diabetes mellitus. Owens DR. **Am J Med** 1985 Aug 23;79(2B):27–32 (15 ref.)

The 24-hour effects of glyburide and chlorpropamide after chronic treatment of type II diabetic patients. Prosser PR, et al. **Am J Med Sci** 1985 May;289(5):179–85

Long term effects of guar gum on metabolic control, serum cholesterol and blood pressure levels in type 2 (non-insulin-dependent) diabetic patients with high blood pressure. Uusitupa M, et al. **Ann Clin Res** 1984;16 Suppl 43:126–31

The second-generation sulfonylureas: change or progress? [editorial] Kreisberg RA. **Ann Intern Med** 1985 Jan;102(1):125–6

Treatment of poorly regulated non-insulin-dependent diabetes mellitus with combination insulin-sulfonylurea. Allen BT, et al. **Arch Intern Med** 1985 Oct;145(10):1900–3

Glyburide in non-insulin-dependent diabetes. Its therapeutic effect in patients with disease poorly controlled by insulin alone. Lardinois CK, et al. **Arch Intern Med** 1985 Jun;145(6):1028–32

Insulin and oral hypoglycaemics. Best JD. **Aust Fam Physician** 1984 Oct;13(10):747–53

Insulin secretion and immuno-genetic markers in diabetics with 'secondary failure' of oral hypoglycemic agents. Colman PG, et al. **Aust NZ J Med** 1985 Apr;15(2):209–12

Treatment of poorly controlled non-insulin-dependent diabetic patients with Acarbose. Scott RS, et al. **Aust NZ J Med** 1984 Oct;14(5):649–54

Acarbose treatment of sulfonylurea-treated non-insulin dependent diabetics. A double-blind cross-over comparison of an alpha-glucosidase inhibitor with metformin. Johansen K. **Diabete Metab** 1984 Oct;10(4):219–23

U.K. prospective diabetes study. II. Reduction in HbA1c with basal insulin supplement, sulfonylurea, or biguanide therapy in maturity-onset diabetes. A multicenter study. **Diabetes** 1985 Aug;34(8):793–8

The effect of insulin treatment on insulin secretion and insulin action in type II diabetes mellitus. Garvey WT, et al. **Diabetes** 1985 Mar;34(3):222–34

Gliclazide therapy is associated with potentiation of postbinding insulin action in obese, non-insulin-dependent diabetic subjects. Ward G, et al. **Diabetes** 1985 Mar;34(3):241–5

Jaundice and rash associated with chlorpropamide [letter] Baciewicz AM, et al. **Diabetes Care** 1985 Mar–Apr;8(2):200–1

Glipizide: preprandial multi-dose combination therapy capable of maintaining normal blood glucose throughout the day [letter] Bernstein RK. **Diabetes Care** 1985 May–Jun;8(3):306–7

Medication compliance in non-insulin-dependent diabetes: a randomized comparison of chlorpropamide and insulin. Diehl AK, et al. **Diabetes Care** 1985 May–Jun;8(3):219–23

Correlation of serum lipids with diabetes control in sulfonylurea-treated diabetic patients. Huupponen RK, et al. **Diabetes Care** 1984 Nov–Dec;7(6):575–8

Which patients might benefit from combining a sulfonylurea with insulin? [letter] Riddle MC, et al. **Diabetes Care** 1985 Mar–Apr;8(2):204–5

Insulin—not always a life sentence: withdrawal of insulin therapy in non-insulin dependent diabetes. Cohen M, et al. **Diabetes Res** 1984 May;1(1):31–4

myo-Inositol and sorbitol in erythrocytes from diabetic patients before and after sorbinil treatment. Popp-Snijders C, et al. **Diabetologia** 1984 Nov;27(5):514–6

Effects of novel beta-adrenoceptor agonists on carbohydrate metabolism: relevance for the treatment of non-insulin-dependent diabetes. Cawthorne MA, et al. **Int J Obes** 1984;8 Suppl 1:93–102

Prevalence of chlorpropamide alcohol flush in Jewish Israeli diabetics. The role of serum chlorpropamide concentrations. Segal P, et al. **Isr J Med Sci** 1985 Feb;21(2):98–101

Metabolic response to three years of continuous, basal rate intravenous insulin infusion in type II diabetic patients. Blackshear PJ, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):753–60

Trial of sulfonylurea in combination with insulin in the therapy of diabetes type I and II. Evidence against a primary extrapancreatic receptor effect. Bieger WP, et al. **Klin Wochenschr** 1984 Jul 2;62(13):631–9

Intermediate acting insulin for type 2 diabetes [letter] **Lancet** 1985 Mar 16;1(8429):640–1

New tactics for type 2 diabetes: regimens based on intermediate-acting insulin taken at bedtime. Riddle MC.

Lancet 1985 Jan 26;1(8422):192-5

Implantable infusion pump for insulin delivery: past, present, and future. Buchwald H, et al. **Life Support Syst** 1985 Jan-Mar;3(1):51-3

Sulfonylureas in the treatment of diabetes mellitus—1985. Gerich JE. **Mayo Clin Proc** 1985 Jul;60(7):439-43 (44 ref.)

Insulin treatment of maturity onset diabetes. Turner RC, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):233-40

Effects of acarbose, an alpha-glucosidase inhibitor (Bay G 5421), on orally loaded glucose, maltose and sucrose and on blood glucose control in non-insulin-dependent diabetics. Hayakawa T, et al. **Nagoya J Med Sci** 1985 Jan; 47(1-2):35-41

Insulin treatment of non-insulin-dependent diabetes. Gormley MJ, et al. **Neth J Med** 1985;28 Suppl 1:7-11

Glyburide: a second-generation sulfonylurea hypoglycemic agent. History, chemistry, metabolism, pharmacokinetics, clinical use and adverse effects. Feldman JM. **Pharmacotherapy** 1985 Mar-Apr;5(2):43-62 (139 ref.)

Glipizide: a second-generation sulfonylurea hypoglycemic agent. Pharmacology, pharmacokinetics and clinical use. Lebovitz HE. **Pharmacotherapy** 1985 Mar-Apr;5(2):63-77 (57 ref.)

Comparison of gliclazide and glibenclamide treatment in non-insulin-dependent diabetes. Baba S, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:693-706

Continuous single-rate long-term insulin infusion using a totally implantable pump. Chute EP, et al. **Trans Am Soc Artif Intern Organs** 1984;30:387-9

[Clinical trial of the herbal combination Dietosan in the species and disperg forms for treating patients with non-insulin-dependent diabetes mellitus] Angelova I. **Vutr Boles** 1984;23(6):52-5 (Eng. Abstr.) (Bul)

[Effects of nifedipine on carbohydrate metabolism in the non-insulin dependent diabetic] Abadie E, et al. **Diabete Metab** 1985 Jun;11(3):141-6 (Eng. Abstr.) (Fre)

[Lactic acidosis in diabetic patients treated with metformin. Value of hemodialysis with a sodium bicarbonate bath (letter)] Lalau JD, et al. **Presse Med** 1984 Nov 24; 13(42):2581 (Fre)

[Value of gliclazide in the treatment of early diabetic retinopathy] Cabral BV, et al. **Therapie** 1985 Jul-Aug; 40(4):231-3 (Eng. Abstr.) (Fre)

[Glipizide treatment does not change erythrocyte insulin receptors in non-insulin-dependent diabetics] Canivet B, et al. **Therapie** 1985 Mar-Apr;40(2):93-7 (Eng. Abstr.) (Fre)

[Therapeutic management of the secondary failure of sulfonylurea therapy] Sauer H. **Dtsch Med Wochenschr** 1985 Jan 4;110(1):27-30 (Ger)

[Effect of acarbose on carbohydrate and lipid metabolism in type II diabetes with secondary failure] Heuer LJ, et al. **Dtsch Z Verdau Stoffwechselkr** 1985;45(2):52-8 (Eng. Abstr.) (Ger)

[Effect of different saluretics on carbohydrate metabolism and blood pressure behavior in diabetics] Rameš I, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(2):89-94 (Eng. Abstr.) (Ger)

[Intensified conventional insulin therapy—a particular task of the specialty clinic] Bergis K. **Fortschr Med** 1985 May 15;103(19):511-3 (Eng. Abstr.) (Ger)

[Testing insulin and sulfonylurea sensitivity in type II diabetes mellitus] Holländer E. **Orv Hetil** 1984 Dec 16; 125(51):3103-6 (Eng. Abstr.) (Hun)

[Type II diabetes and ischemic cardiopathy. Clinical results and possible pharmacologic interference in treatment with fendiline] Ferraris GM, et al. **G Clin Med** 1984 Jul-Aug; 65(7-8):357-66 (Eng. Abstr.) (Ita)

[Insulin sensitivity, insulin receptors and C-peptide secretion in type 2 diabetes mellitus. Effects of insulin therapy] Carducci Artenisio A, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):247-52 (Eng. Abstr.) (Ita)

[Insulin or insulin + oral hypoglycemic drugs in the treatment of type 2 diabetes difficult to compensate metabolically?] Carta Q, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):241-5 (Eng. Abstr.) (Ita)

[Micronized glibenclamide. Preliminary findings concerning pharmacokinetics and pharmacotherapy] Dani F, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):303-8 (Eng. Abstr.) (Ita)

[Acquired insensitivity to treatment with oral hypoglycemics in type 2 diabetes. Etiopathogenetic aspects] Motta L, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):205-12 (Eng. Abstr.) (Ita)

[Hormono-metabolic profiles of patients with diabetes mellitus type 2 and acquired sulfonylurea insensitivity] Scionti L, et al. **Minerva Endocrinol** 1984 Apr-Jun; 9(2):253-6 (Eng. Abstr.) (Ita)

[Effects of ticlopidine on the plasma levels of beta-thromboglobulin and thromboxane B2 in types 1 and 2 diabetics] Gragnoli G, et al. **Minerva Med** 1984 Jul 31; 75(30-31):1791-6 (Eng. Abstr.) (Ita)

[Clinical evaluation of a new sulfonylurea derivative, preparation SPC-703, based on a 5-year observation] Horoszek-Maziarz S, et al. **Pol Tyg Lek** 1985 May 6; 40(18):516-8 (Pol)

[Karyometric study of hepatocytes in diabetic patients treated with insulin or chlorpropamide] Rogoziński R, et al. **Pol Tyg Lek** 1984 Aug 20;39(34):1127-8 (Eng. Abstr.) (Pol)

[Effect of metabolic compensation in diabetes mellitus on lipid peroxidation processes] Bodnar PN, et al. **Klin Med (Mosk)** 1984 Aug;62(8):98-101 (Eng. Abstr.) (Rus)

[Use of the biostator (artificial pancreas) in the treatment of patients with diabetes mellitus] Spesivtseva VG, et al. **Klin Med (Mosk)** 1984 Oct;62(10):55-60 (Rus)

[Experience with diamicron treatment of diabetics] Velikov VK, et al. **Klin Med (Mosk)** 1984 Nov;62(11):99-101 (Eng. Abstr.) (Rus)

[Islet beta-cell function in failures following sulfonylurea therapy in diabetics, by determination of serum C-peptide] Costamaillere L, et al. **Rev Med Chil** 1984 Dec; 112(12):1206-13 (Eng. Abstr.) (Spa)

ENZYMOLOGY

The effects of glucose and insulin on beta-hexosaminidase in cultured fibroblasts from diabetic and non-diabetic subjects. Hultberg B, et al. **Ann Clin Biochem** 1985 Mar; 22 (Pt 2):133-6

Glutathione S-transferases in diabetes. Chandalia HB, et al. **J Assoc Physicians India** 1984 Nov;32(11):973-4

ETIOLOGY

The relationship of diabetes with race, sex, and obesity. Bonham GS, et al. **Am J Clin Nutr** 1985 Apr;41(4):776-83

The role of undernutrition in the pathogenesis of diabetes mellitus. Rao RH. **Diabetes Care** 1984 Nov-Dec; 7(6):595-601

Type II diabetes: pathogenesis data and their meaning. Part II. Davidson MB. **Geriatrics** 1985 Feb;40(2):113-4, 119 (5 ref.)

Beta-cell reserve capacity in chronic pancreatitis. Domschke S, et al. **Hepatogastroenterology** 1985 Feb;32(1):27-30

Age, glucose intolerance, and non-insulin-dependent diabetes mellitus. Reaven GM, et al. **J Am Geriatr Soc** 1985 Apr;33(4):286-90 (41 ref.)

On the origin of non-insulin-dependent diabetes. Feldberg W, et al. **Lancet** 1985 Jun 1;1(8440):1263-4

On the origin of non-insulin dependent diabetes mellitus [letter] O'Hare JA. **Lancet** 1985 Aug 3;2(8449):269

Type II diabetes mellitus in Seattle and Tokyo. Fujimoto WY, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:133-9

On the pathogenesis of type II diabetes with special reference to diminished insulin response and obesity: a 5-12 year follow-up study of subjects with borderline glucose tolerance. Kadowaki T, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:141-6

Type II diabetes mellitus [letter] Davidson MB. **West J Med** 1985 Jun;142(6):834-5

[Glucose tolerance and insulin secretion in relation to age in type-II diabetes—a contribution to the pathogenesis of type-II diabetes mellitus] Verlohren HJ, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(2):77-8 (Eng. Abstr.) (Ger)

FAMILIAL & GENETIC

The genetics of type I and type II diabetes: analysis by recombinant DNA methodology. Permutt MA, et al. **Adv Exp Med Biol** 1985;189:89-106

DNA polymorphism and the susceptibility to diabetes. Yokoyama S. **Am J Med Genet** 1985 Aug;21(4):649-54

Secretion and hepatic removal of insulin in the healthy offspring of type 2 (non-insulin-dependent) diabetic subjects. Bonora E, et al. **Diabete Metab** 1984 Oct; 10(4):250-4

Insulin gene analysis in a family with maturity-onset diabetes of the young. Andreone T, et al. **Diabetes** 1985 Feb; 34(2):108-14

Lack of association of the polymorphic locus in the 5'-flanking region of the human insulin gene and diabetes in American blacks. Elbein S, et al. **Diabetes** 1985 May; 34(5):433-9

Islet beta-cell function and polymorphism in the 5'-flanking region of the human insulin gene. Permutt MA, et al. **Diabetes** 1985 Apr;34(4):311-4

Diabetes, parental diabetes, and obesity in Oklahoma Indians. Lee ET, et al. **Diabetes Care** 1985 Mar-Apr;8(2):107-13

Family history of Japanese patients with non-insulin-dependent diabetes. Different implications of diabetes in parents and in siblings. Matsuda A, et al. **Endocrinol Jpn** 1984 Jun;31(3):335-41

Pancreatic beta cell function in offspring of conjugal diabetic parents. Assessment by IRI and C-peptide ratio. Snehalatha C, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:142-4

Evidence for unimpaired pancreatic secretion and hepatic removal of insulin in healthy offspring of type 2 (noninsulin-dependent) diabetic couples. Bonora E, et al. **Horm Res** 1984;20(2):138-42

Polymorphism in the 5' flanking region of the human insulin gene. Relationships with noninsulin-dependent diabetes mellitus, glucose and insulin concentrations, and diabetes treatment in the Pima Indians. Knowler WC, et al. **J Clin Invest** 1984 Dec;74(6):2129-35

Structural chromosomal aberration rates and sister-chromatid exchange frequencies in females with type 2 (non-insulin-dependent) diabetes. Vormittag W. **Mutat Res** 1985 Jul;143(3):117-9

Progress in understanding the genetics of diabetes mellitus. Rimoin DL, et al. **Prog Clin Biol Res** 1985;177:393-412 (74 ref.)

The genetics of diabetes mellitus, including the South African perspective. Sandler M. **S Afr Med J** 1984 Sep 22; 66(12):441-4 (57 ref.)

Heterogeneity of NIDDM. Fajans SS. **Tohoku J Exp Med** 1983 Dec;141 Suppl:125-32

Heterogeneity in type II diabetes [editorial] Cahill GF Jr. **West J Med** 1985 Feb;142(2):249-50

[Children of diabetic parents—or the question of developmental disorders in pregnancy with special reference to the so-called risk child] Theile U, et al. **Z Geburtshilfe Perinatol** 1985 Mar-Apr;189(2):79-83 (Eng. Abstr.) (Ger)

[Flush induced by chlorpropamide-alcohol (CAF): a genetic marker of diabetes mellitus or an undesirable effect of the drug?] Sabán J, et al. **Rev Clin Esp** 1985 Feb;176(3):107-11 (50 ref.) (Eng. Abstr.) (Spa)

IMMUNOLOGY

Immunological aspects of type 1 and 2 diabetes mellitus. Lernmark A, et al. **Adv Exp Med Biol** 1985;189:107-27

Type 2 (non-insulin-dependent) diabetes mellitus and HLA antigens in Papua New Guinea. Bhatia K, et al. **Diabetologia** 1984 Sep;27(3):370-2

Disappearance rate of insulin antibodies after discontinuing insulin treatment in 42 type 2 (non-insulin-dependent) diabetic patients. Ionescu-Tîrgovişte C, et al. **Diabetologia** 1984 Dec;27(6):592-5

HLA antigens and non-insulin-dependent diabetes mellitus in young South African Indians. Omar MA, et al. **S Afr Med J** 1985 Jan 26;67(4):130-2

Islet-cell antibodies in IDDM and NIDDM in a Japanese population. Kobayashi T, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:271-4

[Determination of alpha-2-macroglobulin concentration using immunologic and amidolytic methods in diabetics and kidney patients] Discher T, et al. **Immun Infekt** 1985 Feb; 13(1):21-3 (Eng. Abstr.) (Ger)

[Indicators of phagocytic activity of neutrophils in patients with diabetes mellitus before and after treatment using the 'Biostator'] Belokrinitskii DV, et al. **Probl Endokrinol (Mosk)** 1984 Nov-Dec;30(6):18-22 (Eng. Abstr.) (Rus)

[The HLA system in diabetes mellitus] Kudriakova SV, et al. **Probl Endokrinol (Mosk)** 1984 Nov-Dec;30(6):3-6 (Eng. Abstr.) (Rus)

[Cellular immunity in diabetes mellitus] Barañao RI, et al. **Rev Clin Esp** 1984 Jul 15-31;174(1-2):7-11 (48 ref.) (Spa)

[Defect of monocytic recognition mediated by complement in hyperosmolar nonketotic coma and diabetic ketoacidosis] Gómez Rodríguez F, et al. **Rev Clin Esp** 1985 Mar; 176(4):164-8 (Eng. Abstr.) (Spa)

METABOLISM

Studies on the urinary excretion of xanthurenic acid in diabetics. Hattori M, et al. **Acta Vitaminol Enzymol** 1984; 6(3):221-8

Food physical factors have different metabolic effects in nondiabetics and diabetics. Simpson RW, et al. **Am J Clin Nutr** 1985 Sep;42(3):462-9

Macronutrients have different metabolic effects in nondiabetics and diabetics. Simpson RW, et al. **Am J Clin Nutr** 1985 Sep;42(3):449-53

Abnormal coupling of insulin receptor binding in noninsulin-dependent diabetes. Mandarino LJ, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E688-92

Effects of nifedipine on insulin secretion and glucose metabolism in rats and in hypertensive type 2 (non-insulin dependent) diabetics. Kanatsuna T, et al. **Arzneimittelforsch** 1985;35(2):514-7

Negative correlation of eicosapentaenoic acid and lipid accumulation in hepatocytes of diabetics. Singer P, et al. **Biomed Biochim Acta** 1984;43(8-9):S438-42

Prolactin response to sulpiride in non insulin dependent diabetes mellitus. Verrillo A, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):183-8

Drug metabolism in diabetic subjects with fatty livers. Pirttiaho HI, et al. **Br J Clin Pharmacol** 1984 Dec; 18(6):895-9

Plasma and tissue fibronectin in diabetes. Labat-Robert J, et al. **Clin Physiol Biochem** 1984;2(1):39-48

Hepatic extraction of insulin in non-insulin dependent diabetes. Comparative study of obese and non-obese patients. Snehalatha C, et al. **Diabete Metab** 1984 Sep; 10(3):175-80

Immunohistochemically detectable vitamin D-dependent calcium-binding protein is reduced in cerebellum of diabetic subjects. Bruhlmann-Papazyan M, et al. **Diabetes** 1984 Oct;33(10):917-22

Quantitation of insulin-stimulated glucose disposal in patients with non-insulin-dependent diabetes mellitus. Donner CC, et al. **Diabetes** 1985 Sep;34(9):831-5

Impaired insulin biosynthetic capacity in a rat model for non-insulin-dependent diabetes. Studies with dexamethasone. Giddings SJ, et al. **Diabetes** 1985 Mar; 34(3):235-40

Enzyme inducers improve insulin sensitivity in non-insulin-dependent diabetic subjects. Lahtela JT, et al. **Diabetes** 1985 Sep;34(9):911-6

Bone calcification and calcium homeostasis in rats with non-insulin-dependent diabetes induced by streptozocin. Levy J, et al. **Diabetes** 1985 Apr;34(4):365-72

Age-related changes in hepatic glycogen metabolism in the genetically diabetic (db/db) mouse. Roesler WJ, et al. **Diabetes** 1985 Apr;34(4):395-402

Elevated in vivo insulin clearance in pima indians with non-insulin-dependent diabetes mellitus. Vasquez B, et al. **Diabetes** 1985 Jul;34(7):671-6

Significance of spontaneous ketonuria and serum C-peptide levels in obese type II diabetic patients. Osei K, et al. **Diabetes Care** 1984 Sep-Oct;7(5):442-6

Improvement of glucose homeostasis after exercise training in non-insulin-dependent diabetes. Reitman JS, et al. **Diabetes Care** 1984 Sep-Oct;7(5):434-41

Influence of physical training on blood glucose control, glucose tolerance, insulin secretion, and insulin action in non-insulin-dependent diabetic patients. Trovati M, et al. **Diabetes Care** 1984 Sep-Oct;7(5):416-20

Pathophysiology of insulin secretion in non-insulin-dependent diabetes mellitus. Ward WK, et al. **Diabetes Care** 1984 Sep-Oct;7(5):491-502

Impaired growth hormone response to human pancreatic growth hormone releasing factor [GRF(1-44)] in type 2 (non-insulin-dependent) diabetes. Richards NT, et al. **Diabetologia** 1984 Nov;27(5):529-34

Methionine-enkephalin and beta-endorphin levels in brain, pancreas, and adrenals of db/db mice. Greenberg J, et al. **Endocrinology** 1985 Jan;116(1):328-31

Glibenclamide pharmacokinetics in acarbose-treated type 2 diabetics. Gerard J, et al. **Eur J Clin Pharmacol** 1984; 27(2):233-6

Type II diabetes: latest research on pathogenesis. Part I. Davidson MB. **Geriatrics** 1985 Jan;40(1):115, 119-21, 124

Glucose metabolism in noninsulin-dependent diabetic patients with experimental hyperthyroidism. Bratusch-Marrain PR, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1063-8

Effects of noninsulin-dependent diabetes mellitus on the uptake of very low density lipoproteins by thioglycolate-elicited mouse peritoneal macrophages. Kraemer FB, et al. **J Clin Endocrinol Metab** 1985 Aug; 61(2):335-42

Relationships between insulin secretion, insulin action, and fasting plasma glucose concentration in nondiabetic and noninsulin-dependent diabetic subjects. Bogardus C, et al. **J Clin Invest** 1984 Oct;74(4):1238-46

Effects of insulin on peripheral and splanchnic glucose metabolism in noninsulin-dependent (type II) diabetes mellitus. DeFronzo RA, et al. **J Clin Invest** 1985 Jul; 76(1):149-55

Multiple disturbances of free fatty acid metabolism in noninsulin-dependent diabetes. Effect of oral hypoglycemic therapy. Taskinen MR, et al. **J Clin Invest** 1985 Aug;76(2):637-44

Diminished B cell secretory capacity in patients with noninsulin-dependent diabetes mellitus. Ward WK, et al. **J Clin Invest** 1984 Oct;74(4):1318-28

The sodium pump and energy regulation: some new aspects for essential hypertension, diabetes II and severe overweight. Henningsen NC. **Klin Wochenschr** 1985;63 Suppl 3:4-8 (64 ref.)

Possible role of insulin deficiency and growth hormone in severe retinopathy [letter] Jennings PE, et al. **Lancet** 1985 Aug 31;2(8453):501

Increased activity of the glucose cycle in the liver: early characteristic of type 2 diabetes. Efendić S, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2965-9

A plausible explanation for the aketonuria of young Indian non-insulin-dependent diabetics. Jialal I, et al. **S Afr Med J** 1985 May 11;67(19):775-7

Pathogenesis of impaired glucose tolerance and type II diabetes mellitus--current status. Davidson MB. **West J Med** 1985 Feb;142(2):219-29 (101 ref.)

[Insulin resistance in type 2 diabetes. Receptor and post-receptor aspects] Purrello F, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):221-8 (30 ref.) (Eng. Abstr.) (Ita)

[Studies of the kinetic vitreous fluorophotometry. (2) Adult-onset diabetes mellitus] Tsukahara Y, et al. **Nippon Ganka Gakkai Zasshi** 1984 Aug;88(8):1118-23 (Eng. Abstr.) (Jpn)

[Theoretical classification of hormone receptor abnormalities, with special reference to diabetes mellitus] Kasuagi R, et al. **Nippon Rinsho** 1985 Apr;43(4):812-8 (Jpn)

[Sorbitol metabolism and diabetes] Santos J, et al. **Acta Med Port** 1984 Jul-Aug;5(7-8):241-9 (70 ref.) (Eng. Abstr.) (Por)

[Free and bound hydroxyproline in patients with diabetes mellitus] Trusov VV, et al. **Probl Endokrinol (Mosk)** 1984 Nov-Dec;30(6):15-8 (Eng. Abstr.) (Rus)

[Insulin resistance, obesity and diabetes. Mechanism of development and their mutual relations] Klimeš I, et al. **Vnitr Lek** 1984 Dec;30(12):1206-18 (48 ref.) (Eng. Abstr.) (Slo)

MICROBIOLOGY

On the track of viruses [news] Notkins AL. **Nature** 1984 Sep 20-26;311(5983):209-10

MORTALITY

Mortal factors in type 2 (NIDDM) diabetes mellitus. Dhar H, et al. **Diabetes Res** 1985 Jan;2(1):23-8

OCCURRENCE

Glucose intolerance in middle-aged subjects--a cause of hypertension? Cederholm J, et al. **Acta Med Scand** 1985; 217(4):363-71

Factors associated with the development of diabetes in the Micronesian population of Nauru. Balkau B, et al. **Am J Epidemiol** 1985 Oct;122(4):594-605

Ethnic differences in susceptibility to non-insulin-dependent diabetes. A comparative study of two urbanized Micronesian populations. King H, et al. **Diabetes** 1984 Oct; 33(10):1002-7

Non-insulin-dependent diabetes (NIDDM) in a newly independent Pacific nation: the Republic of Kiribati. King H, et al. **Diabetes Care** 1984 Sep-Oct;7(5):409-15

Glucose tolerance in a highland population in Papua New Guinea. King H, et al. **Diabetes Res** 1984 May;1(1):45-51

The high prevalence of diabetes mellitus, impaired glucose tolerance and diabetic retinopathy in Nauru--the 1982 survey. Zimmet P, et al. **Diabetes Res** 1984 May;1(1):13-8

Non-ketotic diabetes mellitus in young non-obese Saudi Arabians. Fonseca V, et al. **East Afr Med J** 1985 Jan; 62(1):21-5

Diabetes in the Pacific [letter] Kidson W. **Med J Aust** 1985 Jan 7;142(1):80

Classification and heredity of diabetes among Japanese patients with diabetes found before 30-year-old. Nagai N, et al. **Tohoku J Exp Med** 1984 Jul;143(3):289-94

PATHOLOGY

Corneal endothelial changes in type I and type II diabetes mellitus. Schultz RO, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):401-10

The Diabetes Alert study: growth, fatness, and fat patterning, adolescence through adulthood in Mexican Americans. Mueller WH, et al. **Am J Phys Anthropol** 1984 Aug; 64(4):389-99

Nutritive toe skin capillaries in middle-aged patients with diabetes mellitus. Karlander SG, et al. **Diabete Metab** 1985 Jun;11(3):165-9

Skeletal muscle basement membrane in maturity-onset diabetes in the young. Mauer M, et al. **Diabetes** 1985 Apr; 34(4):321-5

Non-uniform distribution of islet amyloid in the pancreas of 'maturity-onset' diabetic patients. Clark A, et al. **Diabetologia** 1984 Nov;27(5):527-8

Electron microscopic study of liver fibrosis associated with diabetes mellitus. Balázs M, et al. **Exp Pathol** 1985; 27(3):153-62

Parotid gland basement membrane variation in diabetes mellitus. Murrah VA, et al. **J Oral Pathol** 1985 Mar; 14(3):236-46

Pancreas in non-insulin dependent diabetics [letter] Fonseca V, et al. **Lancet** 1985 Sep 21;2(8456):667

Bone mass and sex steroid concentrations in postmenopausal Caucasian diabetics. Johnston CC Jr, et al. **Metabolism** 1985 Jun;34(6):544-50

[Electron microscopic findings in A-cells of the islands of Langerhans in diabetes mellitus] Cossel L, et al. **Zentralbl Allg Pathol** 1984;129(4):323-41 (Eng. Abstr.) (Ger)

[Electron microscopic study of liver cirrhosis associated with diabetes mellitus] Balázs M, et al. **Morphol Igazsagugyi Orv Sz** 1984 Jul;24(3):181-8 (Eng. Abstr.) (Hun)

[Morphometric evaluation of the walls of renal arterioles in patients with diabetes mellitus type 2] Rogoziński R, et al. **Pol Tyg Lek** 1985 May 6;40(18):519-20 (Eng. Abstr.) (Pol)

[Cellular composition of the islands of Langerhans in non-insulin-dependent diabetes mellitus] Ageev AK. **Klin Med (Mosk)** 1984 Aug;62(8):93-8 (Eng. Abstr.) (Rus)

PHYSIOPATHOLOGY

Facial skin temperature in chlorpropamide alcohol flush. Jerntorp P. **Acta Med Scand** 1985;217(2):229-32

Left ventricular function in newly diagnosed non-insulin-dependent (type 2) diabetics evaluated by systolic time intervals and echocardiography. Uusitupa M, et al. **Acta Med Scand** 1985;217(4):379-88

Insulin-mediated and non-insulin-mediated metabolic effects of gastroenteropancreatic peptides in type I and type II diabetes. Dupre J, et al. **Adv Exp Med Biol** 1985;189:207-25

Diabetic neuropathy. Dyck PJ, et al. **Adv Exp Med Biol** 1985; 189:305-20

The Wisconsin Epidemiologic Study of Diabetic Retinopathy. A comparison of retinopathy in younger and older onset diabetic persons. Klein R, et al. **Adv Exp Med Biol** 1985;189:321-35

A comparison of kidney disease in type I and type II diabetes. Mauer SM, et al. **Adv Exp Med Biol** 1985;189:299-303

Insulin resistance in non-insulin dependent (type II) and insulin dependent (type I) diabetes mellitus. Olefsky JM, et al. **Adv Exp Med Biol** 1985;189:176-205

Atherosclerosis, the major complication of diabetes. Steiner G. **Adv Exp Med Biol** 1985;189:277-97

Asymptomatic transient ST changes during ambulatory ECG monitoring in diabetic patients. Chiariello M, et al. **Am Heart J** 1985 Sep;110(3):529-34

Diabetes dialogue: the spectrum of defects in non-insulin-dependent diabetes mellitus. **Am J Med** 1985 Aug 23;79(2B):1-44

Glucose regulation in non-insulin-dependent diabetes mellitus. Interaction between pancreatic islets and the liver. Halter JB, et al. **Am J Med** 1985 Aug 23:79(2B):6-12 (29 ref.)

Islet-cell abnormalities in non-insulin-dependent diabetes mellitus. Raskin P. **Am J Med** 1985 Aug 23;79(2B):2-5 (16 ref.)

Insulin resistance: receptor and post-binding defects in human obesity and non-insulin-dependent diabetes mellitus. Truglia JA, et al. **Am J Med** 1985 Aug 23; 79(2B):13-22 (98 ref.)

Insulin receptors: their roles in the pathogenesis and management of type II diabetes mellitus. Tan MH, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):360-3 (38 ref.)

Effect of sodium salicylate on hormonal responses to hypoglycaemia in type II diabetics. Brass EP, et al. **Clin Endocrinol (Oxf)** 1984 Dec;21(6):649-55

Abnormal glucose modulation of islet A- and B-cell responses to arginine in non-insulin-dependent diabetes mellitus. Dimitriadis GD, et al. **Diabetes** 1985 Jun; 34(6):541-7

The enteric enhancement of glucose-stimulated insulin release. The role of GIP in aging, obesity, and non-insulin-dependent diabetes mellitus. Elahi D, et al. **Diabetes** 1984 Oct;33(10):950-7

Heart rate variability in diabetes: relationship to age and duration of the disease. Masaoka S, et al. **Diabetes Care** 1985 Jan-Feb;8(1):64-8

Autonomic neural dysfunction in recently diagnosed diabetic subjects. Pfeifer MA, et al. **Diabetes Care** 1984 Sep-Oct; 7(5):447-53

Blood flow patterns in painful diabetic neuropathy. Archer AG, et al. **Diabetologia** 1984 Dec;27(6):563-7

Consequences of intrauterine contraception in diabetic women. Skouby SO, et al. **Fertil Steril** 1984 Oct; 42(4):568-72

Use of the artificial beta cell (ABC) in the assessment of peripheral insulin sensitivity: effect of chromium supplementation in diabetic patients. Elias AN, et al. **Gen Pharmacol** 1984;15(6):535-9

Measurement of flow-physiologic parameters of retinal blood circulation in type 1 and 2 diabetics before and after photocoagulation. Oswald B, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(3):154-7

Evidence for insulin resistance in Indian patients with non-insulin dependent diabetes in the young. Jialal I, et al. **Horm Metab Res** 1984 Jul;16(7):377-8

Thyroid function in non insulin dependent diabetes mellitus. John L, et al. **J Assoc Physicians India** 1985 Apr; 33(4):275-7

Assessment of erectile function in diabetic and non-diabetic impotence by simultaneous recording of penile diameter and penile arterial pulse. Bancroft J, et al. **J Psychosom Res** 1985;29(3):315-24

Non-insulin-dependent diabetes [letter] **Lancet** 1985 Jul 13; 2(8446):104-5

Effect of vitamin E on platelet aggregation in diabetes mellitus. Watanabe J, et al. **Thromb Haemost** 1984 Jul 29; 51(3):313-6

[The dawn phenomenon in non-insulin-dependent diabetes (letter)] Grimaldi A, et al. **Presse Med** 1985 Jul 6; 14(27):1473 (Fre)

[The somatostatin infusion test for the evaluation of glucose utilization in bezafibrate medication] Vogelberg KH, et al. **Arzneimittelforsch** 1984;34(9):1038-41 (Eng. Abstr.) (Ger)

[Examination of esophageal function in diabetics by dynamic scintigraphy] Tornóczky J, et al. **Orv Hetil** 1985 May 19; 126(20):1217-22 (Eng. Abstr.) (Hun)

[Effect of diabetes mellitus on the bioelectrical activity of the stomach] Knapik Z, et al. **Pol Tyg Lek** 1984 Apr 30; 39(18):609-10 (Eng. Abstr.) (Pol)

[Pathophysiology of diabetes mellitus type 2 and the mechanism of action and indications for using hypoglycemic sulfonylurea derivatives] Tatoń J, et al. **Pol Tyg Lek** 1985 May 6;40(18):505-11 (45 ref.) (Eng. Abstr.) (Pol)

[Changes in the resting ECG in males with impaired carbohydrate tolerance of different degrees without clinical symptoms of ischemic heart disease and arterial hypertension] Ostrovskaia TP, et al. **Kardiologiia** 1984 Nov; 24(11):44-6 (Eng. Abstr.) (Rus)

[The use of radioimmunoassay in the study of the secretory potential of beta-cells in patients with insulin-independent diabetes mellitus] Balabolkin MI, et al. **Med Radiol (Mosk)** 1984 Nov;29(11):33-6 (Rus)

[Hormonal function of islands of Langerhans in diabetes mellitus] Balabolkin MI, et al. **Probl Endokrinol (Mosk)** 1984 Sep-Oct;30(5):16-8 (Eng. Abstr.) (Rus)

[Functional and biochemical characteristics of 2 types of diabetes mellitus] Danilishina VS, et al. **Ter Arkh** 1984; 56(10):86-8 (Eng. Abstr.) (Rus)

[Somatotropic function of the hypophysis in patients with diabetes mellitus] Kostiuk EP. **Vrach Delo** 1985 Feb; (2):52-5 (Eng. Abstr.) (Rus)

[Delay of gastric emptying in diabetic patients] Piris de Ninci B, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1983; 41(2):29-32 (Eng. Abstr.) (Spa)

PREVENTION & CONTROL

Does a vegetarian diet reduce the occurrence of diabetes? Snowdon DA, et al. **Am J Public Health** 1985 May;

75(5):507–12

Pavel's 'dynamic screening' for diabetes type 2: 14 years results in a district of northern Italy. Morsiani M, et al. **Med Interne** 1985 Jan–Mar;23(1):13–7

PSYCHOLOGY

Decreased cognitive function in aging non-insulin-dependent diabetic patients. Perlmuter LC, et al. **Am J Med** 1984 Dec;77(6):1043–8

Relationship between health beliefs and psychological variables in diabetic patients. Harris R, et al. **Br J Med Psychol** 1984 Sep;57 (Pt 3):253–9

Measuring the social psychological health states of ambulatory chronically ill patients: hypertension and diabetes as tracer conditions. Given CW. **J Community Health** 1984 Spring;9(3):179–95

Interaction between sex and social support in the control of type II diabetes mellitus. Heitzmann CA, et al. **J Consult Clin Psychol** 1984 Dec;52(6):1087–9

Health beliefs, compliance, and control of diabetes mellitus. Harris R, et al. **South Med J** 1985 Feb;78(2):162–6

REHABILITATION

[Education of diabetics by the private practitioner] Laurent C. **Diabete Metab** 1984 Oct;10(4):275–6 (Fre)

[Inpatient rehabilitation of diabetic patients—immediate metabolic effects] Francesconi M, et al. **Rehabilitation (Stuttg)** 1985 May;24(2):59–63 (Eng. Abstr.) (Ger)

SURGERY

[Transplantation of the pancreas in the treatment of diabetes mellitus] Jach A. **Wiad Lek** 1984 Sep 1;37(17):1343–8 (59 ref.) (Eng. Abstr.) (Pol)

THERAPY

Reversal of insulin resistance in adipose tissue of non-insulin-dependent diabetics by treatment with diet and sulphonylurea. Bolinder J, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):85–90

Treatment strategies for patients with non-insulin-dependent diabetes mellitus. Boden G. **Am J Med** 1985 Aug 23;79(2B):23–6 (14 ref.)

Moderate weight loss and sulfonylurea treatment of non-insulin-dependent diabetes mellitus. Combined effects. Liu GC, et al. **Arch Intern Med** 1985 Apr;145(4):665–9

Outpatient care of diabetic patients [letter] Termam JW. **Arch Intern Med** 1984 Dec;144(12):2430–1

Management of pregnancy complicated by diabetes: experience with 232 patients in a 4-year period. Plehwe WE, et al. **Aust NZ J Obstet Gynaecol** 1984 Aug;24(3):167–73

Diabetes care: whose responsibility? [letter] **Br Med J [Clin Res]** 1984 Oct 13;289(6450):1000–1

Randomised controlled trial of routine hospital clinic care versus routine general practice care for type II diabetics. Hayes TM, et al. **Br Med J [Clin Res]** 1984 Sep 22;289(6447):728–30

Difficult choice of treatment for poorly controlled maturity onset diabetes: tablets or insulin [letter] Mann JI, et al. **Br Med J [Clin Res]** 1984 Sep 22;289(6447):769

UK prospective study of therapies of maturity-onset diabetes [letter] Turner RC, et al. **Diabetologia** 1984 Sep;27(3):419

Diabetes mellitus: customizing management. Levin PA, et al. **Hosp Pract [Off]** 1984 Oct;19(10):137–43, 147–9

Behavior change, weight loss, and physiological improvements in type II diabetic patients. Wing RR, et al. **J Consult Clin Psychol** 1985 Feb;53(1):111–22

Experimental approach to diabetic obesity. Friesen J, et al. **J Kans Med Soc** 1984 Sep;85(9):234–5

Diabetes and exercise. Zinman B, et al. **Med Clin North Am** 1985 Jan;69(1):145–57 (44 ref.)

Management of type II diabetes mellitus. Achieving optimum metabolic control. Emanuele NV, et al. **Postgrad Med** 1985 Jun;77(8):61–4, 66–8, 70–1

The role of physicians' knowledge and attitudes in effective diabetes management. Weinberger M, et al. **Soc Sci Med** 1984;19(9):965–9

[Prognosis of diabetes mellitus. 1: Prognosis up to now and new possibilities for metabolic control and therapy] Beischer W, et al. **Fortschr Med** 1985 May 15;103(19):501–5 (Eng. Abstr.) (Ger)

[Prognosis of diabetes mellitus. 2: Future prognosis, chances, reality and hopes] Beischer W, et al. **Fortschr Med** 1985 May 15;103(19):506–10 (Eng. Abstr.) (Ger)

[Results of treatment of patients with diabetes mellitus type 2 associated with obesity and gout] Ponikowska I, et al. **Pol Tyg Lek** 1984 Dec 3;39(49):1593–6 (Eng. Abstr.) (Pol)

[Complex treatment of diabetes mellitus] Zlatkina AR, et al. **Klin Med (Mosk)** 1984 Aug;62(8):139–42 (Rus)

[Clinical allotransplantation of human fetal islet cell cultures] Shumakov VI, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):18–22 (Rus)

URINE

Urinary excretion of non-dialysable conjugates of glucose and galactose in normal people and diabetic patients. Lloyd P, et al. **Diabetologia** 1984 Oct;27(4):433–6

Food constituents as a cause of variation of C-peptide excretion in the urine. Takai K, et al. **Endocrinol Jpn** 1984 Jun;31(3):291–9

Effect of diet restriction on 24-hr urinary C-peptide excretion in non-insulin-dependent non-obese diabetic subjects. Oshima Y. **Tohoku J Exp Med** 1985 Mar;145(3):329–33

[Urinary catecholamines in normal-weight and overweight diabetics] Vakov L. **Vutr Boles** 1985;24(1):108–12 (Eng. Abstr.) (Bul)

[Urinary protein secretions in diabetes mellitus without clinical signs of nephropathy] Bottelli R, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4):285–91 (Eng. Abstr.) (Ita)

[Proteinuria in diabetics before and after treatment with the Biostator apparatus] Spesivtseva VG, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):3–5 (Eng. Abstr.) (Rus)

DIABETES MELLITUS, STABLE see **DIABETES MELLITUS, NON-INSULIN-DEPENDENT**

DIABETES MELLITUS, TYPE 1 see **DIABETES MELLITUS, INSULIN-DEPENDENT**

DIABETES MELLITUS, TYPE 2 see **DIABETES MELLITUS, NON-INSULIN-DEPENDENT**

DIABETES, PHOSPHATE see **HYPOPHOSPHATEMIA, FAMILIAL**

DIABETES, RENAL see **GLYCOSURIA, RENAL**

DIABETIC ANGIOPATHIES

[Atherosclerosis and diabetes] Tarentini Trojani F. **Clin Ter** 1985 Mar 15;112(5):473–6 (Ita)

[Acute peripheral arterial insufficiency in patients with diabetes mellitus] Djukić V, et al. **Srp Arh Celok Lek** 1984 Mar;112(3):309–17 (Eng. Abstr.) (Scr)

BLOOD

The relationship between the level of lipidemia and the macrovascular complications of diabetes. Hu SX, et al. **Chin Med J [Engl]** 1984 Jun;97(6):405–10

Quantitative and qualitative assessment of plasma von Willebrand factor variations, as induced by forearm venous stasis in patients with diabetic microangiopathy. Porta M, et al. **Diabetes Res** 1984 Nov;1(4):219–21

Abnormal endothelial release of fibrinolytic activity and fibronectin in diabetic microangiopathy. Haitas B, et al. **Diabetologia** 1984 Nov;27(5):493–6

Intrinsic stiffening of red blood cells as the fundamental cause of diabetic nephropathy and microangiopathy: a new hypothesis. Simpson LO. **Nephron** 1985;39(4):344–51 (52 ref.)

Acute-phase protein reactants pattern and alpha 2-macroglobulin in diabetes mellitus. Pathophysiological aspects in diabetic microangiopathy. Solerte SB, et al. **Ric Clin Lab** 1984 Jul–Sep;14(3):575–9

Platelet alpha granule release in diabetes mellitus. Sacchi S, et al. **Scand J Clin Lab Invest** 1985 Apr;45(2):165–8

[Significance of thrombocytes and plasma for the regulation of hemostasis in type II diabetics] Sinzinger H, et al. **Vasa** 1985;14(2):121–4 (Eng. Abstr.) (Ger)

[Relation between glycohemoglobin, hypoxia parameters and diabetic microangiopathy] Gräfenstein K, et al. **Z Gesamte Inn Med** 1985 Apr 15;40(8):229–31 (Eng. Abstr.) (Ger)

[Platelet function, blood lipid, coagulation and fibrinolysis in diabetic and nondiabetic patients with arteriosclerosis] Nagakawa Y, et al. **Nippon Ronen Igakkai Zasshi** 1985 Jan;22(1):13–9 (Eng. Abstr.) (Jpn)

[Erythrocyte fatty acids of patients with diabetes mellitus and diabetic microangiopathies] Naumenko VG, et al. **Klin Med (Mosk)** 1985 Mar;63(3):91–6 (Eng. Abstr.) (Rus)

[Lipid peroxidation in erythrocytes of patients with diabetes mellitus and diabetic angiopathies] Efimov AS, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):6–9 (Eng. Abstr.) (Rus)

[Interrelation of alpha-cholesterol and triglycerides in the blood of diabetic patients with and without ischemic heart disease] Slavina LS, et al. **Ter Arkh** 1984;56(10):98–101 (Eng. Abstr.) (Rus)

COMPLICATIONS

Improved results with diabetic below-knee amputations. Fearon J, et al. **Arch Surg** 1985 Jul;120(7):777–80

Diabetic microangiopathic hemolytic anemia: beneficial effect of an antiplatelet agent? Dupont AG, et al. **Diabetes Care** 1985 Mar–Apr;8(2):169–71

Value of a 24-hour image (four-phase bone scan) in assessing osteomyelitis in patients with peripheral vascular disease. Alazraki N, et al. **J Nucl Med** 1985 Jul;26(7):711–7

Incidence of hyperlipemia in diabetics in Okinawa and its relation to ischemic heart disease. Mimura G, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:611–7

Diabetic gangrene in Japan: analysis of 487 cases. Okuyama M, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:583–6

HDL cholesterol in diabetic gangrene. Suyono S, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:587–91

[Multiple gangrene of the digits in a female patient with liver cirrhosis, diabetes mellitus and cryoglobulinemia] Lazarov G, et al. **Vutr Boles** 1985;24(2):97–101 (Eng. Abstr.) (Bul)

[Limitation of joint mobility and diabetic microangiopathy] Dumitrescu C, et al. **Rev Med Interna [Med Interna]** 1985 Jan–Feb;37(1):41–6 (Eng. Abstr.) (Rum)

[Treatment of gangrene of the lower limbs in diabetes mellitus] Ogonovskii VK, et al. **Vestn Khir** 1985 May;134(5):66–8 (Eng. Abstr.) (Rus)

DIAGNOSIS

Increased whole body hematocrit: venous hematocrit ratio in diabetes mellitus, evidence of microcirculatory hemoconcentration. Barosi G, et al. **Acta Diabetol Lat** 1984 Jul–Sep;21(3):257–62

Beta-thromboglobulin and fibrinopeptide A in diabetes mellitus as markers of vascular damage. Librenti MC, et al. **Acta Diabetol Lat** 1985 Jan–Mar;22(1):39–45

Myocardial infarction in the diabetic patient. Kereiakes DJ. **Clin Cardiol** 1985 Aug;8(8):446–50

Clinical macrovascular disease in Caucasoid diabetic subjects: logistic regression analysis of risk variables. Welborn TA, et al. **Diabetologia** 1984 Dec;27(6):568–73

Studies on noncoronary cardiac complications of diabetes mellitus. Misra R, et al. **J Assoc Physicians India** 1984 Jul;32(7):569–74

Peripheral vascular disease in Japanese diabetics: screening by the Doppler ultrasonic technique. Seki J, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:499–506

[Muscular infarct resembling a tumor in diabetes: anatomo-clinical study of a case and review] Henriet M, et al. **Acta Clin Belg** 1984;39(4):197–204 (Eng. Abstr.) (Fre)

[The heart and diabetes] Boukhris R, et al. **Tunis Med** 1982 Jul–Aug;60(4):105–11 (Fre)

[Study of cutaneous diabetic microangiopathy in a group of dermopathies correlated with diabetic disease] Binazzi M, et al. **G Ital Dermatol Venereol** 1984 Jan–Feb;119(1):57–61 (Eng. Abstr.) (Ita)

[Diabetes mellitus with developing vascular changes in a 13-year-old girl] Urban M, et al. **Wiad Lek** 1984 May 1;37(9):673–6 (Eng. Abstr.) (Pol)

[Chronic intravascular coagulation in diabetic microangiopathy patients] Velikov VK, et al. **Klin Med (Mosk)** 1985 Apr;63(4):96–9 (Eng. Abstr.) (Rus)

[Early detection and treatment of diseases of the arteries of the legs in patients with diabetes mellitus under ambulatory conditions] Chukhman BA, et al. **Vestn Khir** 1984 Aug;133(8):120–2 (Eng. Abstr.) (Rus)

DRUG THERAPY

Diabetic cardiomyopathy in rats: mechanical and biochemical response to different insulin doses. Fein FS, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H817–23

Proceedings of a conference on insulin pump therapy in diabetes. Multicenter study of effect on microvascular disease. Introduction. The Kroc Collaborative Study Group. **Diabetes** 1985 Aug;34 Suppl 3:1–4

Conference on insulin pump therapy in diabetes. Multicenter study of effect on microvascular disease. Origin and design of the Kroc Collaborative Study. Champion MC, et al. **Diabetes** 1985 Aug;34 Suppl 3:5–12

Conference on insulin pump therapy in diabetes. Multicenter study of effect on microvascular disease. The Central Biochemistry Laboratory in the Multicenter Kroc Study. Problems and proposals. Home PD, et al. **Diabetes** 1985 Aug;34 Suppl 3:17–21

Hypotensive effect of the association atenolol-chlorthalidone in hypertensive diabetics. Gentile S, et al. **J Int Med Res** 1984;12(5):281–5

Use of stable prostacyclin analogue ZK 36 374 to treat severe lower limb ischaemia [letter] Chiesa R, et al. **Lancet** 1985 Jul 13;2(8446):95–6

Evidence of beneficial effects of strict glycemic control on diabetic vascular complications—a prospective study with artificial devices. Shichiri M, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:719–22

[Hemorheologic and retinal microcirculatory aspects of diabetics undergoing treatment with human insulin using microinfusors] Terranova R, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):197–203 (Eng. Abstr.) (Ita)

ENZYMOLOGY

Increased plasma inactive renin in diabetes mellitus. A marker of microvascular complications. Luetscher JA, et al. **N Engl J Med** 1985 May 30;312(22):1412–7

ETIOLOGY

The course of peripheral vascular disease in non-insulin-dependent diabetes. Kreines K, et al. **Diabetes Care** 1985 May–Jun;8(3):235–43 (77 ref.)

Hypertension, orthostatic hypotension and the microvascular complications of diabetes. Krolewski AS, et al. **J Chronic Dis** 1985;38(4):319–26

Vascular risk factors in the obliterative peripheral arteriopathy of diabetic patients. Fekete T, et al. **Med Interne** 1985 Jan–Mar;23(1):23–8

Blood glucose control and diabetic microangiopathy [letter]

N Engl J Med 1984 Dec 13;311(24):1577-8

Factors influencing the development of diabetic vascular complications. Ohneda A, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:555-61

[Pathogenesis of late diabetic damage] Sailer S, et al. **Wien Med Wochenschr** 1985 Apr 15;135(6-7):177-80 (Ger)

[Occurrence of cutaneous diabetic microangiopathies in various dermopathies statistically associated with diabetes] Lisi P. **G Ital Dermatol Venereol** 1984 Jan-Feb;119(1):63-5 (Eng. Abstr.) (Ita)

[Pathogenesis and various clinical problems of cardiomyopathy in diabetes mellitus] Waiasik L, et al. **Pol Tyg Lek** 1985 Mar 11;40(10):317-22 (48 ref.) (Eng. Abstr.) (Pol)

[Pathogenetic mechanisms of diabetic microangiopathy] Saltykov BB. **Arkh Patol** 1984;46(8):78-83 (50 ref.) (Eng. Abstr.) (Rus)

[HDL cholesterol lipoprotein levels and the atherogenicity coefficient in males with diabetes mellitus and ischemic heart disease] Kudriakova SV, et al. **Kardiologiia** 1984 Nov;24(11):40-3 (Eng. Abstr.) (Rus)

[Pathogenesis of diabetic angiopathies (review of the literature)] Genyk SN, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):132-6 (36 ref.) (Rus)

[Free and bound hydroxyproline in patients with diabetes mellitus] Trusov VV, et al. **Probl Endokrinol (Mosk)** 1984 Nov-Dec;30(6):15-8 (Eng. Abstr.) (Rus)

FAMILIAL & GENETIC

Relation of gene expression (allotypes) of the fourth component of complement to insulin dependent diabetes and its microangiopathic complications. Mijovic C, et al. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):9-10

Do genetic factors play a role in the pathogenesis of diabetic microangiopathy? Barbosa J, et al. **Diabetologia** 1984 Nov;27(5):487-92 (62 ref.)

[Chlorpropamide-alcohol test as a marker of vascular complications of non-insulin-dependent diabetes mellitus] Balabolkin MI, et al. **Ter Arkh** 1984;56(12):128-30 (34 ref.) (Rus)

IMMUNOLOGY

Low plasma C4 concentrations: association with microangiopathy in insulin dependent diabetes. Barnett AH, et al. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):943-5

[Immunoglobulins and diabetic microangiopathy] Vakov L. **Vutr Boles** 1985;24(3):94-8 (Eng. Abstr.) (Bul)

METABOLISM

[Frequency and seasonal biorhythm of metabolic indices and vascular lesions in diabetics] Nikberg II, et al. **Vrach Delo** 1984 Nov;(11):57-60 (Eng. Abstr.) (Rus)

MORTALITY

[Prognosis of the immediate outcome in myocardial infarct in diabetes mellitus patients] Tsekov M. **Vutr Boles** 1985;24(1):75-8 (Eng. Abstr.) (Bul)

OCCURRENCE

Social class and risk factors for vascular disease in diabetes. Robinson N, et al. **Diabete Metab** 1984 Oct;10(4):245-9

Association of differing dietary, metabolic, and clinical risk factors with macrovascular complications of diabetes: a prevalence study of 503 Mexican type II diabetic subjects. I. Paisey RB, et al. **Diabetes Care** 1984 Sep-Oct;7(5):421-7

Association of differing dietary, metabolic, and clinical risk factors with microvascular complications of diabetes: a prevalence study of 503 Mexican type II diabetic subjects. II. Paisey RB, et al. **Diabetes Care** 1984 Sep-Oct;7(5):428-33

Prevalence of diabetic microangiopathy and neuropathy among Japanese diabetics in the Tokyo area: related to the WHO new diagnostic criteria. Oohashi H, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:367-73

Comparative studies on vascular disorders in diabetics between urban and rural districts. Satogami E, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:541-5

[Coronary disease In type 2 diabetes] Scialdone A, et al. **Boll Soc Ital Cardiol** 1983 Oct;28(10):843-9 (Eng. Abstr.) (Ita)

[Incidence and sites of diabetic angiopathies in patients with newly detected diabetes] Pan'kiv VI. **Vrach Delo** 1985 Feb;(2):56-7 (Eng. Abstr.) (Rus)

PATHOLOGY

Axonopathy and microangiopathy in chronic alloxan diabetes. Powell HC, et al. **Acta Neuropathol (Berl)** 1984;65(2):128-37

Diabetic vasculopathy in the rat: an in vivo microscopic study of the circulation. Hill MA, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:63-6

More on microvascular disease of the foot in diabetes [letter] Blumenthal HT. **N Engl J Med** 1985 Sep 12;313(11):696-7

Studies of kidney and muscle biopsy specimens from identical twins discordant for type I diabetes mellitus. Steffes MW, et al. **N Engl J Med** 1985 May 16;312(20):1282-7

Diabetic choroidopathy. Light and electron microscopic observations of seven cases. Hidayat AA, et al. **Ophthalmology** 1985 Apr;92(4):512-22

Diabetes mellitus and atherosclerotic involvement of the profunda femoris artery. King TA, et al. **Surg Gynecol Obstet** 1984 Dec;159(6):553-6

Study of the cardiovascular complications of diabetes mellitus in Beijing and Tianjin, China. Chi ZS. **Tohoku J Exp Med** 1983 Dec;141 Suppl:491-3

Natural history of diabetic microangiopathies. Deckert T. **Tohoku J Exp Med** 1983 Dec;141 Suppl:319-24

Factors related to diabetic microangiopathy. Jarrett RJ. **Tohoku J Exp Med** 1983 Dec;141 Suppl:325-9

Arteriosclerosis obliterans in Japanese diabetic patients. Matsuda A, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:569-73

On the characteristics of the Japanese in the WHO Multinational Study of Vascular Disease in Diabetes (WHO MSVDD). Miki E, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:507-15

Evidence for direct effect of growth hormone on capillary basement membrane thickness. Oikawa S, et al. **Tohoku J Exp Med** 1985 Jun;146(2):167-74

Trend of macroangiopathy in diabetics studied by postmortem examination. Takekoshi H, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:523-8

[Capillaroscopy and studies of the fingernails in diabetic children] Cislo M, et al. **Kinderarztl Prax** 1984 Jul;52(7):38-44 (Eng. Abstr.) (Ger)

[Histochemical-morphometric studies of skeletal muscles in advanced arterial circulation disorders of the extremities] Dietzmann K, et al. **Zentralbl Allg Pathol** 1984;129(4):299-305 (Eng. Abstr.) (Ger)

[Ultrastructural changes in cutaneous capillaries in diabetes and porphyria cutanea tarda] Bucciarelli E, et al. **G Ital Dermatol Venereol** 1984 Jan-Feb;119(1):25-32 (Eng. Abstr.) (Ita)

[Dental pulp and gingival mucosa in the diabetic patient] Bertoia D, et al. **Minerva Stomatol** 1984 Sep-Oct;33(5):751-4 (Eng. Abstr.) (Ita)

[Characteristics of arteriosclerosis of brain stem arteries in patients with diabetes mellitus] Olejniczak P. **Neuropatol Pol** 1984;22(4):583-93 (Eng. Abstr.) (Pol)

[Results of fingernail-bed capillaroscopy in children with diabetes mellitus] Cislo M, et al. **Pediatr Pol** 1984 Aug;59(8):623-9 (Eng. Abstr.) (Pol)

[Morphometric evaluation of the walls of renal arterioles in patients with diabetes mellitus type 2] Rogoziński R, et al. **Pol Tyg Lek** 1985 May 6;40(18):519-20 (Eng. Abstr.) (Pol)

PHYSIOPATHOLOGY

Atherosclerosis, the major complication of diabetes. Steiner G. **Adv Exp Med Biol** 1985;189:277-97

Elastic modulus in young diabetic patients (ultrasound measurements of pulse wave velocity). Stella A, et al. **Angiology** 1984 Nov;35(11):729-34

Diabetic microangiopathy, a factor enhancing the functional significance of peripheral occlusive arteriosclerotic disease. Kastrup J, et al. **Clin Physiol** 1984 Oct;4(5):367-9

Albumin permeation of new vessels is increased in diabetic rats. Kilzer P, et al. **Diabetes** 1985 Apr;34(4):333-6

Vascular disease and vascular function in the lower limb in diabetes. Faris I, et al. **Diabetes Res** 1984 Nov;1(4):171-7

Transcapillary colloid osmotic gradient, plasma volume and interstitial fluid volume in long-term type 1 (insulin-dependent) diabetes. Fauchald P, et al. **Diabetologia** 1985 May;28(5):269-73

Skin perfusion pressure in the prediction of healing in diabetic patients with ulcers or gangrene of the foot. Faris I, et al. **J Vasc Surg** 1985 Jul;2(4):536-40

Possible role of insulin on the pathogenesis of macrovascular disease in human diabetics: clinical survey among 526 Japanese diabetic patients. Sato Y, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:529-33

[Relationship between left ventricular function and microangiopathy in diabetic patients] Hu SW. **Chung Hua Nei Ko Tsa Chih** 1984 Apr;23(4):237-9 (Eng. Abstr.) (Chi)

[Pulsatility, flow and metabolic diseases] Schmidt C, et al. **J Mal Vasc** 1985;10 Suppl A:50-2 (Eng. Abstr.) (Fre)

[Functional diebetic microangiopathy] Grimaldi A, et al. **Rev Med Interne** 1985 Mar;6(2):127-41 (109 ref.) (Fre)

[Clinical and functional studies of diabetic cardiopathy] Franke GR, et al. **Z Gesamte Inn Med** 1985 Jun 15;40(12):365-9 (Eng. Abstr.) (Ger)

[Telethermography with a cryostimulation technic in the study of microcirculation in diabetic patients] Ippolito F, et al. **G Ital Dermatol Venereol** 1984 Jan-Feb;119(1):49-55 (Ita)

[Pulsed-wave Doppler ultrasonography in the study of diabetic angiopathy] Musso L, et al. **Minerva Cardioangiol** 1985 Mar;33(3):149-58 (Eng. Abstr.) (Ita)

[Resting ankle-arm pressure index in the contralateral leg in patients with vascular diseases referred for consultation or surgical treatment] Piecuch T. **Wiad Lek** 1984 May 15;37(10):755-60 (Eng. Abstr.) (Pol)

[Hormonal status of diabetes mellitus patients with microcirculation disorders] Golubiatnikova GA, et al. **Med Radiol (Mosk)** 1984 Nov;29(11):44-9 (Eng. Abstr.) (Rus)

[State of the microcirculatory component of hemostasis and microhemodynamics in patients with diabetic angiopathies] Petrova TR, et al. **Ter Arkh** 1984;56(8):129-32 (Eng. Abstr.) (Rus)

PREVENTION & CONTROL

Ticlopidine in the secondary prevention of early diabetes-related microangiopathy: protocol of a multicenter therapeutic study (TIMAD study). Mirouze J. **Agents Actions [Suppl]** 1984;15:230-58

Effects of aldose reductase inhibitor on retinal microangiopathy in streptozotocin-diabetic rats. Kojima K, et al. **Jpn J Ophthalmol** 1985;29(1):99-109

[Controlled study of the effect of sulodexide on peripheral diabetic macroangiopathy] Piva I, et al. **G Clin Med** 1985 Jan-Feb;66(1-2):37-45 (Eng. Abstr.) (Ita)

RADIOGRAPHY

Intravenous digital subtraction angiography and its use in amputation level consideration in the ischemic forefoot. Searby P, et al. **J Foot Surg** 1985 Jan-Feb;24(1):18-23

SURGERY

Improved salvage of the foot with arterial reconstruction. Sengpiehl KE. **J Foot Surg** 1984 Sep-Oct;23(5):370-6

Diabetic amputees in Singapore. Tan MH, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:575-82

[Problem of treating the so-called 'diabetic foot'] Sadliński C, et al. **Wiad Lek** 1985 Mar 15;38(6):417-20 (Eng. Abstr.) (Pol)

[Various characteristics of preoperative preparation, amputation and postoperative management of patients with occlusive diseases of the blood vessels of the extremities] Iaremenko DA, et al. **Ortop Travmatol Protez** 1985 Jun;(6):23-7 (Eng. Abstr.) (Rus)

THERAPY

Percutaneous transluminal angioplasty in diabetic patients: an effective treatment modality. Ford K, et al. **Cardiovasc Intervent Radiol** 1984;7(5):204-8

Current concepts. Vascular and microvascular disease of the foot in diabetes. Implications for foot care. LoGerfo FW, et al. **N Engl J Med** 1984 Dec 20;311(25):1615-9 (22 ref.)

[Comparative study on the effect of diet, exercise and iodine balneotherapy on blood rheologic parameters in diabetics within the scope of a 4 week health resort stay in Bad Hall] Moser M, et al. **Wien Klin Wochenschr** 1985 Mar 29;97(7):327-31 (Eng. Abstr.) (Ger)

[Treatment of hypertension in patients with diabetes mellitus] Czech A, et al. **Pol Tyg Lek** 1984 Aug 20;39(34):1121-6 (Pol)

[Venesection and subacute hemodilution in the treatment of ischemic complications of the foot in diabetics] Jarábek L', et al. **Rozhl Chir** 1985 Jan;64(1):34-42 (Eng. Abstr.) (Slo)

DIABETIC COMA

Hyperosmolar nonketotic diabetic coma. Grace TW. **Am Fam Physician** 1985 Aug;32(2):119-25

BLOOD

The ups and downs of diabetic coma. McFadden HE. **Am J Nurs** 1985 Aug;85(8):881

An assessment of insulin action in hyperosmolar hyperglycemic nonketotic diabetic patients. Rosenthal NR, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):607-10

[ECG changes in hyperosmolar diabetic coma] Kiss Z, et al. **Orv Hetil** 1984 Sep 9;125(37):2257-9 (Eng. Abstr.) (Hun)

CHEMICALLY INDUCED

Hyperosmolar non-ketotic diabetes mellitus associated with metolazone. Rowe PA, et al. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):25-6

Diltiazem and hyperglycemia-coma [letter] Ahmad S. **J Am Coll Cardiol** 1985 Aug;6(2):494

[Hyperglycemic coma after corticosteroid therapy] Ivanova II, et al. **Sov Med** 1984;(10):112-3 (Rus)

COMPLICATIONS

Rhabdomyolysis associated with hyperosmolar nonketotic coma [letter] Schlepphorst E, et al. **Diabetes Care** 1985 Mar-Apr;8(2):198-200

[Hypoglycemia with loss of consciousness during insulin therapy as an initial symptom of Addison's disease. Report of 2 cases] Schröter W, et al. **Dtsch Med Wochenschr** 1985 May 24;110(21):840-2 (Eng. Abstr.) (Ger)

[Neurological manifestations in hyperosmolar nonketotic diabetic coma] Drăghici L, et al. **Rev Med Interna [Neurol Psihiatr]** 1984 Jul-Sep;29(3):179-83 (Eng. Abstr.) (Rum)

[Bilateral partial convulsive crises associated with non-ketotic hyperglycemia (letter)] Murias Taboada E, et al. **Med Clin (Barc)** 1985 Jun 22;85(4):169 (Spa)

DRUG THERAPY

'Locked in' syndrome following prolonged hypoglycemia [letter] Negreiros dos Anjos M. **Diabetes Care** 1984 Nov-Dec;7(6):613

[Therapy of severe diabetic metabolic derailment (diabetic coma)] Kleinberger G. **Wien Med Wochenschr** 1985 Apr

15;135(6-7):159-70 (Ger)

[Treatment of diabetic coma: experience in a general hospital] Sterian L, et al. **Rev Paul Med** 1984 Nov-Dec;102(6):272-6 (Eng. Abstr.) (Por)

ETIOLOGY

[A case of hyperosmolar nonketotic diabetic coma following double valve replacement] Hayashibe Y, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):736-8 (Eng. Abstr.) (Jpn)

IMMUNOLOGY

[Changes in the monocyte Fc receptor (IgG) in diabetic ketoacidosis and non-ketotic hyperosmolar coma] Gómez Rodriguez F, et al. **Med Clin (Barc)** 1985 Jan 12;84(1):8-11 (Eng. Abstr.) (Spa)

[Defect of monocytic recognition mediated by complement in hyperosmolar nonketotic coma and diabetic ketoacidosis] Gómez Rodriguez F, et al. **Rev Clin Esp** 1985 Mar;176(4):164-8 (Eng. Abstr.) (Spa)

NURSING

The continuum of diabetic coma. McCarthy JA. **Am J Nurs** 1985 Aug;85(8):878-80, 882

PATHOLOGY

[Pathologo-anatomical characteristics of hyperosmolar and other comatous conditions] Tumanskii VA. **Arkh Patol** 1985;47(2):51-8 (Eng. Abstr.) (Rus)

[Case of hyperlipoproteinemia type III with a clinical picture of diabetic hyperosmolar precoma] Gorbanev EA. **Ter Arkh** 1984;56(10):118-20 (Rus)

PHYSIOPATHOLOGY

[Coma and praecoma diabeticum. Physiopathology, clinical aspects and therapy] Sailer D. **Fortschr Med** 1984 Aug 30;102(31-32):791-4 (Eng. Abstr.) (Ger)

[Diabetic coma] Pristautz H. **Wien Med Wochenschr** 1984 Jul 31;134(13-14):333-6 (Eng. Abstr.) (Ger)

THERAPY

Hyperosmolar hyperglycemic nonketotic syndrome. Report of 22 cases and brief review. Khardori R, et al. **Am J Med** 1984 Nov;77(5):899-904

[Treatment of hyperglycemic hyperosmolar nonketotic coma] Chi ZS. **Chung Hua Nei Ko Tsa Chih** 1984 Aug;23(8):513-5 (Chi)

[Practical clinical notes on type III diabetic coma (hyperosmolar nonketotic coma)] Petrella V, et al. **Clin Ter** 1984 Sep 15;110(5):463-8 (Eng. Abstr.) (Ita)

[Treatment of ketoacidotic coma in children with diabetes mellitus] Martynova MI, et al. **Pediatriia** 1984 Dec;(12):39-43 (Rus)

DIABETIC DIET

The relationship between glycemic response, digestibility, and factors influencing the dietary habits of diabetics. Jenkins DJ, et al. **Am J Clin Nutr** 1984 Dec;40(6):1175-91

Graded sucrose/carbohydrate diets in overtly hypertriglyceridemic diabetic patients. Jellish WS, et al. **Am J Med** 1984 Dec;77(6):1015-22

Programming pre-exercise snacks to prevent post-exercise hypoglycemia in intensively treated insulin-dependent diabetics. Nathan DM, et al. **Ann Intern Med** 1985 Apr;102(4):483-6

Polyunsaturated fatty acids and diabetic retinopathy. Howard-Williams J, et al. **Br J Ophthalmol** 1985 Jan;69(1):15-8

A four-year prospective trial of unmeasured diet in lean diabetic adults. Gallagher AM, et al. **Diabetes Care** 1984 Nov-Dec;7(6):557-65

Sucrose or honey at breakfast have no additional acute hyperglycaemic effect over an isoglucidic amount of bread in type 2 diabetic patients. Bornet F, et al. **Diabetologia** 1985 Apr;28(4):213-7

Moderate intake of sucrose does not impair metabolic control in pump-treated diabetic out-patients. Chantelau EA, et al. **Diabetologia** 1985 Apr;28(4):204-7

A prospective comparison of 'conventional' and high carbohydrate/high fibre/low fat diets in adults with established type I (insulin-dependent) diabetes. McCulloch DK, et al. **Diabetologia** 1985 Apr;28(4):208-12

Glycemic effects of carbohydrates. **J Am Diet Assoc** 1984 Dec;84(12):1487-8

Adherence to high-carbohydrate, high-fiber diets: long-term studies of non-obese diabetic men. Story L, et al. **J Am Diet Assoc** 1985 Sep;85(9):1105-10

Computer-planned menus: a prospective diet assessment method. Wheeler LA, et al. **J Am Diet Assoc** 1985 Mar;85(3):347-9

Dietary self-selection patterns of rats with mild diabetes. Tepper BJ, et al. **J Nutr** 1985 Jun;115(6):699-709

The effects of a high-carbohydrate low-fat cholesterol-restricted diet on plasma lipid, lipoprotein, and apoprotein concentrations in insulin-dependent (type I) diabetes mellitus. Hollenbeck CB, et al. **Metabolism** 1985 Jun;34(6):559-66

Diet-related knowledge, skill, and adherence among children with insulin-dependent diabetes mellitus. Lorenz RA, et al. **Pediatrics** 1985 May;75(5):872-6

Dietary control of diabetes: reality or myth? Kerczowski MM. **South Med J** 1985 Aug;78(8):979-86

Dietetic control of maturity-onset diabetes in Nigeria. Azinge NO. **Trop Doct** 1985 Jan;15(1):13-4

Use of beans diet for control of diabetes. Azinge NO. **Trop Doct** 1985 Jul;15(3):139

[Diet in diabetes and obesity] Tsanev A. **Vutr Boles** 1984;23(5):12-7 (12 ref.) (Eng. Abstr.) (Bul)

[Dietary therapy for diabetics] Sun SH. **Chung Hua Hu Li Tsa Chih** 1984 Aug;19(4):200-1 (Chi)

[The development and outlook in the dietary treatment of diabetes mellitus] Páv J. **Vnitr Lek** 1984 Nov;30(11):1099-105 (Eng. Abstr.) (Cze)

[Comparative study on the effect of diet, exercise and iodine balneotherapy on blood rheologic parameters in diabetics within the scope of a 4 week health resort stay in Bad Hall] Moser M, et al. **Wien Klin Wochenschr** 1985 Mar 29;97(7):327-31 (Eng. Abstr.) (Ger)

[Diet in diabetes mellitus] Sailer S. **Wien Med Wochenschr** 1985 Apr 15;135(6-7):145-7 (Ger)

[Diet, diabetes and atherosclerosis. Research on food consumption and on the influence of complex sugars and dietary fibers on the state of metabolic compensation in insulin-dependent and non-insulin dependent diabetic population] Arsenio L, et al. **Minerva Dietol Gastroenterol** 1984 Jul-Sep;30(3):321-48 (Eng. Abstr.) (Ita)

[Results of treatment of diabetes mellitus in 585 children in a diabetological sanatorium in Rabka by the self-care method] Ludwiczak H, et al. **Pediatr Pol** 1984 Sep;59(9):731-42 (Eng. Abstr.) (Pol)

[Determining the effect of a pectin-enriched standard diabetic diet on diurnal blood glucose profiles and serum insulin (IRI) levels in diabetes mellitus type 2] Górnicka M, et al. **Pol Tyg Lek** 1984 Apr 30;39(18):597-601 (Pol)

[Experience using a diet enriched with crude-fiber carbohydrates (plantix) in treating diabetic patients at sanatoria and health resorts] Chedia ES, et al. **Ter Arkh** 1984;56(10):102-4 (Rus)

[Effect of nutritional education on food consumption in a group of children with insulin-dependent diabetes mellitus] Esquivel-Herrera S, et al. **Bol Med Hosp Infant Mex** 1984 Oct;41(10):525-7 (Eng. Abstr.) (Spa)

METHODS

[Liberalized diabetic diet for type I diabetics under intensive insulin injection therapy. Follow-up observations for over 2 years] Chantelau E, et al. **Dtsch Med Wochenschr** 1985 Jul 12;110(28-29):1119-24 (Eng. Abstr.) (Ger)

STANDARDS

Dietary management of diabetes mellitus. Chait A. **Bol Asoc Med PR** 1984 Nov;76(11):495-7

[The diabetic diet: no different from nutrition for healthy persons] Heine RJ, et al. **Ned Tijdschr Geneeskd** 1984 Aug 11;128(32):1524-8 (Dut)

TRENDS

Diet and diabetes. Bierman EL. **Am J Clin Nutr** 1985 May;41(5 Suppl):1113-6

DIABETIC NEPHROPATHIES

End-stage renal failure in diabetics [letter] Smith WG, et al. **Lancet** 1985 Jun 8;1(8441):1328

Emphysematous renal and perirenal infection in nondiabetic patient. Pode D, et al. **Urology** 1985 Sep;26(3):313-5

Bilateral emphysematous pyelonephritis. Zabbo A, et al. **Urology** 1985 Mar;25(3):293-6

[Diabetic nephropathy: diagnosis and clinical course] Vangelista A, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4 Suppl):19-24 (Ita)

BLOOD

Lethal hyperkalemia associated with severe hyperglycemia in diabetic patients with renal failure. Montoliu J, et al. **Am J Kidney Dis** 1985 Jan;5(1):47-8

Effect of long-term near-normoglycemia on the progression of diabetic nephropathy. Ciavarella A, et al. **Diabete Metab** 1985 Feb;11(1):3-8

Intrinsic stiffening of red blood cells as the fundamental cause of diabetic nephropathy and microangiopathy: a new hypothesis. Simpson LO. **Nephron** 1985;39(4):344-51 (52 ref.)

Glycosylated proteins in diabetic nephropathy. Ramzy M, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:649-54

[Hemocoagulation changes in patients with type I diabetes mellitus in renal insufficiency] Charvát J, et al. **Cas Lek Cesk** 1985 Jul 5;124(27):856-9 (Eng. Abstr.) (Cze)

[Correlation between beta 2 microglobulinemia and renal function in diabetes] Birch K, et al. **Ugeskr Laeger** 1984 Sep 10;146(37):2773-5 (Eng. Abstr.) (Dan)

[N-acetyl-beta-D-glucosaminidase activity in relation to blood glucose, serum fructosamine and type I diabetic nephropathy] Pinto C, et al. **Acta Med Port** 1985 Mar-Apr;6(3-4):97-102 (Eng. Abstr.) (Por)

COMPLICATIONS

Immune complex disease complicating diabetic glomerulosclerosis. Cavallo T, et al. **Am J Nephrol** 1984;4(6):347-54

Chronic renal failure and severe diabetic vasculopathy in pregnancy. Reece EA, et al. **Am J Perinatol** 1984 Jul;1(4):341-4

Assessment of autonomic neuropathy in diabetic and nondiabetic uremic patients using tests of cardiovascular reflex function. Sturani A, et al. **Contrib Nephrol** 1985;41:113-8

Primary glomerulonephritis complicating diabetic nephropathy: report of seven cases and review of the literature. Yum M, et al. **Hum Pathol** 1984 Oct;15(10):921-7

Study of urinary tract infection in diabetic subjects. Shah BV, et al. **J Assoc Physicians India** 1984 Dec;32(12):1037-40

Microalbuminuria and diabetic retinopathy [letter] Barnett AH, et al. **Lancet** 1985 Jan 5;1(8419):53-4

Simultaneous finding of diabetic glomerulosclerosis and macroscopic PAN-type necrotising vasculitis in the same patient [letter] Fort J. **Nephron** 1985;39(3):283-4

Low incidence of hyperparathyroidism in diabetic renal failure. Aubia J, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:902-8

Cardiovascular risk factors and cardiovascular death in haemodialysed diabetic patients. Strumpf C, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:202-8

Prevalence of hypertension in diabetes mellitus—its relation to diabetic nephropathy. Baba T, et al. **Tohoku J Exp Med** 1985 Feb;145(2):167-73

Clinical study of complications in dialyzed diabetics. Shibata M, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:417-25

DIAGNOSIS

Evaluation of total protein excretion as a predictor of increased hemoglobin A1C levels in children with type 1 diabetes. Marr TJ, et al. **Int J Pediatr Nephrol** 1984 Jun;5(2):73-4

Sonography of emphysematous pyelonephritis. Allen HA 3d, et al. **J Ultrasound Med** 1984 Dec;3(12):533-7

Renal function in diabetics [letter] **Lancet** 1985 Apr 13;1(8433):875-6

Bedside estimation of microalbuminuria [letter] Hutchison AS, et al. **Lancet** 1985 Jul 6;2(8445):44

Bedside estimation of microalbuminuria [letter] Slama G, et al. **Lancet** 1985 Jun 8;1(8441):1338-9

Microalbuminuria following exercise, an early sign of diabetic nephropathy. Dumitrescu C, et al. **Med Interne** 1985 Jan-Mar;23(1):19-22

Predicting diabetic nephropathy [letter] Viberti GC, et al. **N Engl J Med** 1984 Nov 8;311(19):1256-7

Tubular dysfunctions in the diagnostic differentiation of glomerulonephritis, pyelonephritis, and diabetic nephropathy. Dutz W Jr, et al. **Nephron** 1985;39(2):77-9

Uremia due to diabetic nephropathy [clinical conference] Friedman EA. **Trans Am Soc Artif Intern Organs** 1984;30:280-8

[Predicting diabetic nephropathy] Mogensen CE, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:333-49 (35 ref.) (Fre)

[The diabetic kidney] Ben Maiz H, et al. **Tunis Med** 1982 Jul-Aug;60(4):84-95 (Fre)

[Diabetes and the kidney] Kramar R. **Wien Med Wochenschr** 1985 Apr 15;135(6-7):185-8 (Ger)

[Diagnostic value of lysozyme determination in the urine] Kutter D. **Z Med Lab Diagn** 1985;26(1):21-7 (Ger)

[Progression of chronic kidney failure secondary to diabetic nephropathy] Bedani PL, et al. **Minerva Urol Nefrol** 1984 Jul-Sep;36(3):171-8 (Eng. Abstr.) (Ita)

[Clinical application of HbAI measured by affinity column method, with special reference to diabetic nephropathy] Kubota S, et al. **Rinsho Byori** 1984 May;32(5):555-7 (Jpn)

[Characteristics of the course of pyelonephritis and its treatment in diabetes mellitus patients] Bacharin VI. **Vrach Delo** 1984 Sep;(9):51-4 (Eng. Abstr.) (Rus)

DRUG THERAPY

Metoprolol-induced hyperkalemia in a diabetic with advanced renal failure [letter] Ashouri OS. **Arch Intern Med** 1985 Mar;145(3):578

Effect of indomethacin on the proteinuria of diabetic nephropathy. Jacob CK, et al. **J Assoc Physicians India** 1984 Aug;32(8):723-5

Steroid responsive nephrotic syndrome in a diabetic patient [letter] Roddy J, et al. **NZ Med J** 1985 Feb 13;98(772):76-7

The effect of continuous subcutaneous insulin infusion on renal function in type I diabetic patients with and without proteinuria. van Ballegooie E, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:722-4

[Combination of thiazide diuretics and prostaglandin inhibitors in the treatment of nephrogenic diabetes insipidus] Pichetti D, et al. **Clin Ter** 1985 May 31;113(4):281-7 (Eng. Abstr.) (Ita)

ETIOLOGY

Male sex hormone and nephropathy in Cohen diabetic rat. (Genetically selected sucrose fed). Cohen AM, et al. **Diabete Metab** 1984 Sep;10(3):199–205

Nephropathy in Indian patients with non-insulin-dependent diabetes in the young. Jialal I, et al. **Diabetes Care** 1984 Nov–Dec;7(6):587–9

Blood pressure and metabolic control as risk factors for nephropathy in type 1 (insulin-dependent) diabetes. Hasslacher C, et al. **Diabetologia** 1985 Jan;28(1):6–11

Risk of nephropathy in diabetes mellitus: problems of methodology and terminology [letter] Jarrett RJ, et al. **Diabetologia** 1985 Mar;28(3):181

Predominance of hemodynamic rather than metabolic factors in the pathogenesis of diabetic glomerulopathy. Zatz R, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5963–7

Recurrence of diabetic nodular glomerulosclerosis in a renal transplant. Marynink RK, et al. **Transplantation** 1985 Jan;39(1):35–8

[Glomerular diseases and diabetes mellitus] Hara S, et al. **Nippon Rinsho** 1984 Jun;42(6):1411–7 (Jpn)

IMMUNOLOGY

[Immunity in diabetic nephropathy] Redžepagić B, et al. **Lijec Vjesn** 1984 Nov–Dec;106(11–12):459–62 (Eng. Abstr.) (Ser)

METABOLISM

The lipid content of the diabetic kidney of the rat. Lemieux G, et al. **Can J Physiol Pharmacol** 1984 Oct;62(10):1274–8

Renal hypertrophy in experimental diabetes. Changes in pentose phosphate pathway activity. Steer KA, et al. **Diabetes** 1985 May;34(5):485–90

Glomerular matrix proteins in nodular glomerulosclerosis in association with light chain deposition disease and diabetes mellitus. Bruneval P, et al. **Hum Pathol** 1985 May;16(5):477–84

Parathyroid and bone response of the diabetic patient to uremia. Vincenti F, et al. **Kidney Int** 1984 Apr;25(4):677–82

Plasma renin activity, plasma aldosterone and distal urinary acidification in diabetics with chronic renal failure. Grande J, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:801–7

Solubilization of intraglomerular deposits of serum proteins by fresh human sera or gamma-globulin in patients with diabetic nephropathy. Tomino Y, et al. **Tokai J Exp Clin Med** 1984 Jun;9(2):147–54

MORTALITY

Survival in end-stage diabetic renal disease. A prospective study of 100 kidney transplant patients. Larsson O, et al. **Acta Med Scand** 1984;216(4):393–402

OCCURRENCE

Association of differing dietary, metabolic, and clinical risk factors with microvascular complications of diabetes: a prevalence study of 503 Mexican type II diabetic subjects. II. Paisey RB, et al. **Diabetes Care** 1984 Sep–Oct;7(5):428–33

Epidemiological studies on renal papillary necrosis with diabetes mellitus in Japan. Oshima Y, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:427–30

[Frequency of renal failure in long-term diabetics] Zimmermann K, et al. **Z Urol Nephrol** 1985 Mar;78(3):167–72 (Eng. Abstr.) (Ger)

PATHOLOGY

Distribution of actin in mesangial cell of rat glomerulus. Ito K, et al. **Acta Pathol Jpn** 1984 Nov;34(6):1267–76

Diabetic nephropathy [letter] Abonna GM. **Biomed Pharmacother** 1985;39(1):42

Renal involvement patterns of amyloid nephropathy: a comparison with diabetic nephropathy. Nakamoto Y, et al. **Clin Nephrol** 1984 Oct;22(4):188–94

Relationship of renal size to nephropathy in type 1 (insulin-dependent) diabetes. Ellis EN, et al. **Diabetologia** 1985 Jan;28(1):12–5

Renal changes in juvenile-onset diabetes mellitus. A study in 36 patients. Mohanty R, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):199–205

Structural-functional relationships in diabetic nephropathy. Mauer SM, et al. **J Clin Invest** 1984 Oct;74(4):1143–55

Correlates of biopsy-studied nephropathy in young patients with insulin-dependent diabetes mellitus. Silverstein JH, et al. **J Pediatr** 1985 Feb;106(2):196–201

Diabetic nephropathy [editorial] Hostetter TH. **N Engl J Med** 1985 Mar 7;312(10):642–4

Unilateral ureteric ligation in diabetic rats: a pathologic and morphometric study. Hatzigeorgiou G, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:860–5

Estimation of pathological changes from clinico-laboratory data in diabetic nephropathy: proposal of a diagnostic aid for diabetic nephropathy. Hoshi M, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:411–5

[Kidney changes in patients with proliferative diabetic retinopathy] Stein G, et al. **Z Gesamte Inn Med** 1984 Jul 1;39(13):309–11 (Eng. Abstr.) (Ger)

PHYSIOPATHOLOGY

A comparison of kidney disease in type I and type II diabetes. Mauer SM, et al. **Adv Exp Med Biol** 1985;189:299–303

The changing natural history of nephropathy in type I diabetes. Krolewski AS, et al. **Am J Med** 1985 May;78(5):785–94

Acute deterioration in renal function in patients with preexisting renal insufficiency [clinical conference] First MR, et al. **Arch Intern Med** 1984 Nov;144(11):2233–8

Impaired autoregulation of glomerular filtration rate in type 1 (insulin-dependent) diabetic patients with nephropathy. Parving HH, et al. **Diabetologia** 1984 Dec;27(6):547–52

Renal hemodynamic abnormalities in patients with short term insulin-dependent diabetes mellitus: role of renal prostaglandins. Esmatjes E, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1231–6

Tubular function and renal selectivity towards glycosyl-albumin in diabetic hyperosmolar states. Delfino G, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:875–80

Monitoring progression of diabetic nephropathy. Parving HH, et al. **Ups J Med Sci** 1985;90(1):15–23

[Pathophysiologic aspects in the treatment of diabetic patients during acetate and bicarbonate dialysis] Hampl H, et al. **Biomed Tech (Berlin)** 1984 Jun;29(6):156–61 (Eng. Abstr.) (Ger)

[Comparison of nephro- and retinopathies in patients with diabetes mellitus of various degrees of severity] Strubovshchikov EP, et al. **Ter Arkh** 1984;56(10):92–4 (Rus)

[Hemodynamic indices of middle-aged and elderly patients suffering from diabetes mellitus and chronic pyelonephritis] Bachurin VI. **Vrach Delo** 1984 Aug;(8):59–61 (Eng. Abstr.) (Rus)

PREVENTION & CONTROL

Prevention of kidney graft diabetic nephropathy by pancreas transplantation in man. Bohman SO, et al. **Diabetes** 1985 Mar;34(3):306–8

Effect of the estrogen antagonist, tamoxifen, on development of glomerulosclerosis in the Cohen diabetic rat. Cohen AM, et al. **Diabetes** 1985 Jul;34(7):634–8

Reversal of impaired renal function in rats with streptozotocin-induced diabetes by transplantation of isolated pancreatic islets: failure in preventing the progress of glomerulosclerosis. Yamamoto T, et al. **Nippon Geka Hokan** 1984 Nov 1;53(6):721–35

Diabetic nephropathy: a preventable complication? Viberti CG, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:621–9

[Diabetic renal disease—is prevention possible? A review based on studies of renal function] Mogensen CE, et al. **Ugeskr Laeger** 1984 Jun 4;146(23):1693–700 (Eng. Abstr.) (Dan)

[Diabetes control and late complications] Reitsma WD. **Ned Tijdschr Geneeskd** 1985 May 25;129(21):989–93 (Eng. Abstr.) (Dut)

[Diabetic nephropathy: preventive role of therapy] Brunetti P, et al. **Minerva Urol Nefrol** 1984 Oct–Dec;36(4 Suppl):25–30 (Ita)

RADIOGRAPHY

CT diagnosis of emphysematous pyelonephritis. Vas W, et al. **Comput Radiol** 1985 Jan–Feb;9(1):37–9

[Acute renal failure after intravenous urography in diabetics with severe nephropathy] Frandsen NE, et al. **Ugeskr Laeger** 1984 Aug 20;146(34):2549–51 (Eng. Abstr.) (Dan)

RADIONUCLIDE IMAGING

Radionuclear determination of glomerular filtration rate and renal plasma flow to detect early decrease of renal function in insulin dependent diabetes. Cascone C, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:642–8

SURGERY

Kidney allograft tolerance in diabetic patients after total lymphoid irradiation (TLI). Ang KK, et al. **Radiother Oncol** 1985 Apr;3(3):193–9

Transplantation for diabetic nephropathy. Costa JM, et al. **S Afr Med J** 1985 Aug 31;68(5):298–301

Hypertension jeopardizes diabetic patients following renal transplant. Chou LM, et al. **Trans Am Soc Artif Intern Organs** 1984;30:473–8

[Preparation and implementation of kidney transplantation in patients with terminal renal failure and type I diabetes] Templin R, et al. **Z Urol Nephrol** 1985 Apr;78(4):215–9 (Eng. Abstr.) (Ger)

THERAPY

Transplantation versus dialysis in diabetic patients with renal failure. Parfrey PS, et al. **Am J Kidney Dis** 1985 Feb;5(2):112–6

One hundred pancreas transplants at a single institution. Sutherland DE, et al. **Ann Surg** 1984 Oct;200(4):414–40

Improving the course of diabetic nephropathy. Friedman EA. **Contrib Nephrol** 1985;44:173–93 (62 ref.)

Hemofiltration—an improved method of treatment for chronic renal failure. Quellhorst E, et al. **Contrib Nephrol** 1985;44:194–211

Treatment of the uremic diabetic. Shyh TP, et al. **Nephron** 1985;40(2):129–38 (63 ref.)

Organ transplantation in diabetics. Synopsis of the 1983 symposium. Van Schilfgaarde R. **Neth J Med** 1985;28(6):246–53

Successful strategy in diabetic nephropathy. Friedman EA. **Nippon Jinzo Gakkai Shi** 1984 Jul;26(7):843–8

Visual function, blood pressure and blood glucose in diabetic patients undergoing continuous ambulatory peritoneal dialysis. Rottembourg J, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:330–4

Emphysematous pyelonephritis—a case report. Chou YH, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Jan;84(1):154–9

Acid base values, hypoxemia in diabetic patients on acetate and bicarbonate dialysis. Hampl H, et al. **Trans Am Soc Artif Intern Organs** 1984;30:55–9

Dramatic improvement in the success rate for renal transplants in diabetic recipients with donor-specific transfusions. Feduska NJ, et al. **Transplantation** 1984 Dec;38(6):704–8

[Emphysematous pyelonephritis—a report of 2 cases] Chen HS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Jan;84(1):148–53 (Eng. Abstr.) (Chi)

[Dialysis and transplantation in the treatment of 36 patients with insulin dependent diabetes mellitus and terminal uremia] Andersen AR, et al. **Ugeskr Laeger** 1985 Mar 25;147(13):1102–4 (Eng. Abstr.) (Dan)

[Treatment of chronic renal insufficiency in the diabetic by dialysis and transplantation] Legrain M, et al. **Diabete Metab** 1985 Feb;11(1):51–69 (166 ref.) (Eng. Abstr.) (Fre)

[Diabetes mellitus and the kidneys] Siciński A. **Pol Arch Med Wewn** 1984 Nov;72(5):273–8 (Pol)

[Selected problems in the treatment of diabetic nephropathy] Starzyk J, et al. **Wiad Lek** 1985 Mar 15;38(6):427–31 (42 ref.) (Pol)

[Present possibilities of controlling diabetic nephropathies] Tisoň P, et al. **Vnitr Lek** 1985 Jan;31(1):27–32 (Eng. Abstr.) (Slo)

URINE

Urinary excretion of albumin with an altered three-dimensional conformation in diabetic functional nephropathy. Evidence for a pathogenetic role. Ghiggeri GM, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:633–7

Low molecular weight proteinuria in diabetic children—a marker of early diabetic nephropathy? Wartha R, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:638–41

[Monitoring diabetic nephropathy by the determination of microalbuminuria (letter)] Krempf M, et al. **Presse Med** 1984 Dec 22;13(46):2817 (Fre)

DIABETIC NEUROPATHIES

Diabetic gastroparesis [letter] Thomas DJ. **Anaesthesia** 1984 Nov;39(11):1143

Five cranial nerve palsies in a diabetic man. Brett AS. **South Med J** 1985 Feb;78(2):212–3

[Diabetic neuropathy (editorial)] Steiner I, et al. **Harefuah** 1984 Jul;107(1–2):44–5 (Heb)

[Diabetic polyneuropathy. Review apropos of 20 cases of the Diabetic Clinic of the Córdoba Hospital] Waitman JN, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1982;40(3–4):54–6 (Eng. Abstr.) (Spa)

BLOOD

Somatostatin and counterregulatory hormone responses to hypoglycaemia in diabetics with and without autonomic neuropathy. Fernandez-Castaner M, et al. **Diabete Metab** 1985 Apr;11(2):81–6

Two-year experience with continuous subcutaneous insulin infusion in relation to retinopathy and neuropathy. Lauritzen T, et al. **Diabetes** 1985 Aug;34 Suppl 3:74–9

COMPLICATIONS

Total contact casting in diabetic patients with neuropathic foot ulcerations. Helm PA, et al. **Arch Phys Med Rehabil** 1984 Nov;65(11):691–3

Diabetic Charcot spine as cauda equina syndrome: an unusual presentation. Race MC, et al. **Arch Phys Med Rehabil** 1985 Jul;66(7):463–5

Diabetic neuroarthropathy of the foot. Santori FS, et al. **Ital J Orthop Traumatol** 1984 Sep;10(3):411–9

Treatment of diabetic perforating ulcers (mal perforant) with local dimethylsulfoxide. Lishner M, et al. **J Am Geriatr Soc** 1985 Jan;33(1):41–3

Diabetic gangrenous ulcerative disease with an ectopic finding. A case report. Haber G, et al. **J Am Podiatry Assoc** 1984 Oct;74(10):516–7

Penile neuropathy in insulin-dependent diabetes mellitus. Lin JT, et al. **J Urol** 1985 Feb;133(2):213–5

Painful diabetic neuropathy [letter] Dandona P, et al. **Lancet** 1985 Mar 23;1(8430):697

The bulbocavernosus reflex in diabetic impotence.

Devathasan G, et al. **Singapore Med J** 1984 Jun;25(3):181–3

[Diabetes mellitus with atrophy of the mm. interossei of the upper extremities] Lazarov G, et al. **Vutr Boles** 1985; 24(2):103–6 (Eng. Abstr.) (Bul)

[Diabetic neurotrophic osteoarthropathy] Fried K. **Cesk Radiol** 1984 Dec;38(6):370–9 (Eng. Abstr.) (Cze)

[Autonomic cardiopathy in diabetes mellitus] Kempler P, et al. **Orv Hetil** 1984 Dec 30;125(53):3219–24 (Eng. Abstr.) (Hun)

[Diabetic osteoarthropathy. Considerations on a clinical case] Varotti C, et al. **G Ital Dermatol Venereol** 1985 Jan–Feb; 120(1):79–81 (Eng. Abstr.) (Ita)

[A case of diabetes mellitus with severe autonomic neuropathy and hypoxic depression] Itoh M, et al. **Nippon Naika Gakkai Zasshi** 1985 Mar;74(3):327–33 (Jpn)

[Autonomic neuropathy, arterial hypertension and diabetes mellitus] Calle Pascual AL, et al. **Med Clin (Barc)** 1985 Mar 23;84(11):437–9 (Eng. Abstr.) (Spa)

DIAGNOSIS

Reappraisal of the electroneurographic and electromyographic diagnosis of diabetic peripheral neuropathy. Felsenthal G, et al. **Am J Phys Med** 1984 Dec; 63(6):278–88

Tests for autonomic neuropathy in diabetic children. Mitchell EA, et al. **Aust Paediatr J** 1985 May;21(2):105–9

Diabetic thoracic polyradiculopathy presenting as abdominal swelling. Boulton AJ, et al. **Br Med J [Clin Res]** 1984 Sep 29;289(6448):798–9

Abdominal pain and weight loss in a patient with well controlled diabetes. Schipper HM, et al. **Can Med Assoc J** 1985 Jul 1;133(1):38–9

R–R interval studies: a simple office protocol for evaluation of autonomic neuropathy [letter] Bernstein RK. **Diabetes Care** 1984 Sep–Oct;7(5):510–3

Autonomic neuropathy in diabetes mellitus: a follow-up study. Sundkvist G, et al. **Diabetes Care** 1985 Mar–Apr; 8(2):129–33

A study of risk factors for nerve conduction abnormalities in diabetes. Laor A, et al. **Electromyogr Clin Neurophysiol** 1985 Mar–Apr; 25(2–3):175–82

Asynchronism of saccadic eye movement in young diabetics as related to HbAlc. Hennekes R, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(1):50–2

Diabetic neuropathy of the lateral cutaneous nerve of the calf. A case report. Gessini L, et al. **Ital J Neurol Sci** 1985 Mar;6(1):107–8

Diabetic amyotrophy. A case report. Flatow EL, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1132–5

Quantitative evaluation of diabetic autonomic neuropathy by using heart rate variations—determination of the normal range for the diagnosis of autonomic neuropathy. Oikawa N, et al. **Tohoku J Exp Med** 1985 Mar;145(3):233–41

[Diabetic optic neuropathy in pregnancy] Malbrel C. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):463–4 (Eng. Abstr.) (Fre)

[Diabetic neuropathy] Letaif F, et al. **Tunis Med** 1982 Jul–Aug;60(4):96–104 (Fre)

[Diabetic polyneuropathy. Clinical and electroneurographic studies] Fischer W, et al. **Beitr Klin Neurol Psychiatr** 1981; 49:1–116 (Ger)

[Early diagnosis of autonomic diabetic neuropathy using sensitivity to temperature] Lehmann WP, et al. **Dtsch Med Wochenschr** 1985 Apr 19;110(16):639–42 (Eng. Abstr.) (Ger)

[Diabetic neuropathy of the autonomic nervous system from the viewpoint of internal medicine] Kröner K. **Internist (Berlin)** 1984 Oct;25(10):607–12 (Ger)

[Diabetic polyneuropathy from the neurologic viewpoint] Neundörfer B. **Internist (Berlin)** 1984 Oct;25(10):613–9 (Ger)

[Significance of electroneurography in the diagnosis of diabetic amyotrophy (letter)] **Orv Hetil** 1985 Jul 28; 126(30):1885 (Hun)

[Diabetic neuroarthropathy of the knee: clinical case] Cozzolino F, et al. **Chir Organi Mov** 1984;69(1):79–81 (Eng. Abstr.) (Ita)

[Short latency somatosensory evoked potentials to peroneal nerve stimulation in juvenile diabetes mellitus] Hashimoto T, et al. **No To Hattatsu** 1985 Jul;17(4):314–7 (Eng. Abstr.) (Jpn)

[Evaluation of peripheral nervous system function in diabetes mellitus by studying the Hoffmann reflex] Drozdowski W. **Pol Tyg Lek** 1984 Aug 20;39(34):1129–32 (Eng. Abstr.) (Pol)

DRUG THERAPY

The effect of an aldose reductase inhibitor (Sorbinil) on diabetic neuropathy and neural function of the retina: a double-blind study. Christensen JE, et al. **Acta Neurol Scand** 1985 Feb;71(2):164–7

Skin temperature changes during CSII in patients with diabetic neuropathy [letter] van Ballegooie E, et al. **Diabetes Care** 1984 Nov–Dec;7(6):612–3

Influence of continuous subcutaneous insulin infusion (CSII) treatment on diabetic somatic and autonomic neuropathy. Fedele D, et al. **J Endocrinol Invest** 1984 Dec;7(6):623–8

The effect of insulin treatment on myelinated nerve fibre maturation and integrity and on body growth in streptozotocin-diabetic rats. Sharma AK, et al. **J Neurol Sci** 1985 Mar;67(3):285–97

[Effect of insulin pump therapy on clinical and electrical signs of diabetic neuropathy (letter)] Saeidi S, et al. **Presse Med** 1985 May 18;14(20):1151 (Fre)

[Diabetic autonomic neuropathy of the heart and its treatment with thioctic acid] Studt J, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(4):173–80 (Eng. Abstr.) (Ger)

[Improvement in peripheral and autonomic neuropathy during 18 months of treatment with subcutaneous continuous insulin infusion in type 1 diabetics] Gambardella S, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):91–4 (Eng. Abstr.) (Ita)

ETIOLOGY

The aetiology of diabetic neuropathic ulceration of the foot. Delbridge L, et al. **Br J Surg** 1985 Jan;72(1):1–6 (85 ref.)

Glucose-induced alterations in nerve metabolism: current perspective on the pathogenesis of diabetic neuropathy and future directions for research and therapy. Greene DA, et al. **Diabetes Care** 1985 May–Jun;8(3):290–9 (71 ref.)

Effects of a fructose-rich diet and the aldose reductase inhibitor, ONO-2235, on the development of diabetic neuropathy in streptozotocin-treated rats. Hotta N, et al. **Diabetologia** 1985 Mar;28(3):176–80

Abnormalities in plasma catecholamine response and tissue catecholamine accumulation in streptozotocin diabetic rats: a possible role for diabetic autonomic neuropathy. Fushimi H, et al. **Life Sci** 1984 Sep 3;35(10):1077–81

Risk factors of diabetic retinopathy [letter] Marks I. **Pediatrics** 1985 Feb;75(2):374–5

[Gallbladder contractility, cholelithiasis and autonomic neuropathy in diabetes mellitus] Vogelberg KH, et al. **Dtsch Med Wochenschr** 1984 Nov 9;109(45):1712–5 (Eng. Abstr.) (Ger)

[Autonomic cardiac neuropathy in patients with insulin-deficient diabetes mellitus] Vasiukova EA, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):9–14 (Eng. Abstr.) (Rus)

[Prevalence and clinical aspects of cardiovascular vegetative neuropathy in a diabetic population] Fernández-Castañer M, et al. **Med Clin (Barc)** 1985 Feb 16;84(6):215–8 (Eng. Abstr.) (Spa)

IMMUNOLOGY

Diabetic autonomic neuropathy and iritis: an association suggesting an immunological cause [letter] Taylor WN. **Br Med J [Clin Res]** 1984 Sep 22;289(6447):766

METABOLISM

Amino acid uptake by dorsal root ganglia from streptozotocin-diabetic rats. Thomas PK, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):912–6

OCCURRENCE

The prevalence of symptomatic, diabetic neuropathy in an insulin-treated population. Boulton AJ, et al. **Diabetes Care** 1985 Mar–Apr;8(2):125–8

Association of differing dietary, metabolic, and clinical risk factors with microvascular complications of diabetes: a prevalence study of 503 Mexican type II diabetic subjects. II. Paisey RB, et al. **Diabetes Care** 1984 Sep–Oct; 7(5):428–33

Prevalence of autonomic disturbances in diabetics as compared with non-diabetics and healthy subjects. Oda K, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:447–51

Prevalence of diabetic microangiopathy and neuropathy among Japanese diabetics in the Tokyo area: related to the WHO new diagnostic criteria. Oohashi H, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:367–73

The prevalence of neuropathic symptoms in diabetic patients newly referred to our hospital. Takahashi Y, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:439–45

PATHOLOGY

Polyglucosan bodies in the sural nerve of a diabetic patient with polyneuropathy. Mancardi GL, et al. **Acta Neuropathol (Berl)** 1985;66(1):83–6

Axonopathy and microangiopathy in chronic alloxan diabetes. Powell HC, et al. **Acta Neuropathol (Berl)** 1984; 65(2):128–37

Skin biopsy as a beneficial procedure for morphological evaluation of diabetic neuropathy. Yasuda H, et al. **Acta Pathol Jpn** 1985 Jan;35(1):1–8

Direct immunofluorescence findings in peripheral nerve from patients with diabetic neuropathy. Graham AR, et al. **Ann Neurol** 1985 May;17(5):450–4

Morphometric analysis of sural nerve in elderly diabetes mellitus. Kanda T. **Bull Tokyo Med Dent Univ** 1984 Dec; 31(4):209–24

Diabetic autonomic neuropathy in the BB rat. Ultrastructural and morphometric changes in sympathetic nerves. Yagihashi S, et al. **Diabetes** 1985 Jun;34(6):558–64

Quantitative analysis of myelin and axolemma particle distribution in C57BL/Ks diabetic mice and the effects of ganglioside treatment. Antonella S, et al. **J Neurol Sci** 1985 Jul;69(3):301–17

Capillary number and percentage closed in human diabetic sural nerve. Dyck PJ, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2513–7

Hypertrophic neuropathy with diabetes mellitus. Shiraishi S, et al. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):283–9

[Diabetic amyotrophy] Holländer E, et al. **Orv Hetil** 1985 Apr 14;126(15):915–7 (Eng. Abstr.) (Hun)

PHYSIOPATHOLOGY

Tear secretion in juvenile diabetics with and without autonomic neuropathy. Andersen J, et al. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):93–6

Diabetic neuropathy. Dyck PJ, et al. **Adv Exp Med Biol** 1985; 189:305–20

Diabetic gastroparesis: an abnormality of gastric emptying of solids. Wright RA, et al. **Am J Med Sci** 1985 Jun; 289(6):240–2

Ischemic conduction failure and energy metabolism in experimental diabetic neuropathy. Low PA, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):E457–62

Peripheral circulatory effects of insulin in diabetes. Takata S, et al. **Angiology** 1985 Feb;36(2):110–5

Reversible diabetic nerve dysfunction: structural correlates to electrophysiological abnormalities. Sima AA, et al. **Ann Neurol** 1985 Jul;18(1):21–9

The effect of domperidone on oesophageal emptying in diabetic autonomic neuropathy. Maddern GJ, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):441–4

Endoneurial blood flow and oxygen tension in the sciatic nerves of rats with experimental diabetic neuropathy. Tuck RR, et al. **Brain** 1984 Sep;107 (Pt 3):935–50

Gastric accommodation to distension and early gastric emptying in diabetics with neuropathy. Oliveira RB, et al. **Braz J Med Biol Res** 1984;17(1):49–53

Antidiuretic hormone response to volume depletion in diabetic patients with cardiac autonomic dysfunction. Grimaldi A, et al. **Clin Sci** 1985 May;68(5):545–52

Evidence of early impairment of parasympathetic reflexes in insulin dependent diabetics without autonomic symptoms. Bellavere F, et al. **Diabete Metab** 1985 Jun; 11(3):152–6

Breathing, sleep, and diabetic autonomic neuropathy. Catterall JR, et al. **Diabetes** 1984 Nov;33(11):1025–7

Autonomic neural dysfunction in recently diagnosed diabetic subjects. Pfeifer MA, et al. **Diabetes Care** 1984 Sep–Oct; 7(5):447–53

Blood flow patterns in painful diabetic neuropathy. Archer AG, et al. **Diabetologia** 1984 Dec;27(6):563–7

Evaluation of thermal and vibration sensation in diabetic neuropathy. Guy RJ, et al. **Diabetologia** 1985 Mar; 28(3):131–7

Acute and chronic effects of domperidone on gastric emptying in diabetic autonomic neuropathy. Horowitz M, et al. **Dig Dis Sci** 1985 Jan;30(1):1–9

Effect of metoclopramide on gastric liquid emptying in patients with diabetic gastroparesis. Schade RR, et al. **Dig Dis Sci** 1985 Jan;30(1):10–5

Multipeaked esophageal peristaltic pressure waves in patients with diabetic neuropathy. Loo FD, et al. **Gastroenterology** 1985 Feb;88(2):485–91

Managing foot infections in the older diabetic patient. Bessman AN, et al. **Geriatrics** 1985 Jun;40(6):54–8, 62–3

Abnormalities of heart rate response in diabetic autonomic neuropathy. Govil MK, et al. **Indian Heart J** 1984 Jul–Aug; 36(4):218–22

Thoracic root pain in diabetes mellitus. Brenner B, et al. **Isr J Med Sci** 1984 Nov;20(11):1105–6

Thermal discrimination thresholds in normal subjects and in patients with diabetic neuropathy. Bertelsmann FW, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):686–90

Pain perception in diabetic neuropathy [editorial] **Lancet** 1985 Jan 12;1(8420):83–4

Diabetic autonomic neuropathy [editorial] **Lancet** 1985 Feb 16;1(8425):379–80

Painful diabetic neuropathy [letter] **Lancet** 1985 Feb 9; 1(8424):348–9

Effect of endocrine pancreas allotransplantation on diabetic nerve dysfunction. Tze WJ, et al. **Metabolism** 1985 Aug; 34(8):721–5

Autonomic neuropathy in chronic renal insufficiency. Comparative analysis of diabetic and nondiabetic patients. Heidbreder E, et al. **Nephron** 1985;41(1):50–6

Prevention of some electrophysiologic and biochemical abnormalities with oxygen supplementation in experimental diabetic neuropathy. Low PA, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6894–8

A critical level of diabetic autonomic neuropathy. Kageyama S, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:479–83

The prevalence of diabetic autonomic neuropathy indicated by abnormal R–R interval variation. Moriders K, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:465–9

Impaired vibratory perception as a criterion of diabetic neuropathies. Numata S, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:435–8

Cardiac beat-to-beat variation as an indicator of neuropathy and the frequency of its abnormality in diabetes mellitus. Taniguchi H, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:471–8

Neuropathy in Ethiopian diabetics: a correlation of clinical and nerve conduction studies. Haimanot RT, et al. **Trop Geogr Med** 1985 Mar;37(1):62–8

[Diabetic autonomic neuropathy in candidates for emergency and prospective pancreatic transplantation] Sroňková H, et al. **Cas Lek Cesk** 1985 Jun 21;124(25):791–4 (Eng. Abstr.)

(Cze)

[Diabetic cardiac autonomic neuropathy] Ostermann G, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:253-67 (74 ref.) (Fre)

[Gastric emptying and blood glucose in insulin-dependent diabetes mellitus with autonomic neuropathy] Vogelberg KH, et al. **Dtsch Med Wochenschr** 1985 Aug 16; 110(33):1249-53 (Eng. Abstr.) (Ger)

[Foot blood flow in diabetic neuropathy [editorial] Canaani Z. **Harefuah** 1985 May 1;108(9):468-9 (Heb)

PREVENTION & CONTROL

[Diabetes control and late complications] Reitsma WD. **Ned Tijdschr Geneeskd** 1985 May 25;129(21):989-93 (Eng. Abstr.) (Dut)

PSYCHOLOGY

Neuropsychological function in diabetic patients with neuropathy. Lawson JS, et al. **Br J Psychiatry** 1984 Sep; 145:263-8

SURGERY

Leg support for the postoperative protection of the heel in patients with diabetes mellitus. Delbridge L, et al. **Br J Surg** 1985 Feb;72(2):87

THERAPY

The diabetic neuropathies. O'Hare JA, et al. **Hosp Pract [Off]** 1984 Nov;19(11):40-3, 47-52

[Treatment of diabetic polyneuropathy] Efimov AS, et al. **Sov Med** 1985;(2):83-9 (Rus)

VETERINARY

Neuropathy associated with transient diabetes mellitus in 2 cats. Wolff A. **Med Vet Pract** 1984 Sep;65(9):726, 728

DIABETIC RETINOPATHY

Proliferative diabetic retinopathy and patient age: presentation, prognosis, and management. Valone J Jr. **Int Ophthalmol Clin** 1984 Winter;24(4):71-82 (22 ref.)

Diabetic retinopathy in adolescent and teenage years. Kimmel AS, et al. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter; 37(2):154-6

[Diabetes mellitus and the eye] Stibor V. **Cas Lek Cesk** 1985 Aug 16;124(33):1028-32 (Eng. Abstr.) (Cze)

[Influence of good blood sugar control in diabetic retinopathy] Kohner EM. **Journ Annu Diabetol Hotel Dieu** 1984;:327-32 (12 ref.) (Fre)

BLOOD

Somatomedin activity in diabetic patients [letter] Jialal I. **Clin Endocrinol (Oxf)** 1984 Sep;21(3):311-2

Plasma fibronectin, factor VIII-related antigen and fibrinogen concentrations, and diabetic retinopathy. Davis TM, et al. **Diabete Metab** 1985 Jun;11(3):147-51

Two-year experience with continuous subcutaneous insulin infusion in relation to retinopathy and neuropathy. Lauritzen T, et al. **Diabetes** 1985 Aug;34 Suppl 3:74-9

Circulating C-peptide and diabetic retinopathy. Mosier MA. **Diabetes Res** 1984 Sep;1(3):151-4

Platelet sensitivity in vitro to adenosine-5'-diphosphate and prostacyclin and diabetic retinopathy. Davis TM, et al. **Diabetologia** 1985 May;28(5):274-6

Abnormal endothelial release of fibrinolytic activity and fibronectin in diabetic microangiopathy. Haitas B, et al. **Diabetologia** 1984 Nov;27(5):493-6

Retinopathy is associated with higher glycaemia in maturity-onset type diabetes. Howard-Williams J, et al. **Diabetologia** 1984 Aug;27(2):198-202

Increased erythrocyte aggregation in diabetes mellitus and its relationship to glycosylated haemoglobin and retinopathy. Satoh M, et al. **Diabetologia** 1984 Nov; 27(5):517-21

Differential plasma glucose response to varying glucose loads in non-insulin dependent (type 2) diabetics with retinopathy. Iguchi A, et al. **Horm Metab Res** 1984 Dec; 16 Suppl 1:145-8

Serum lipoprotein cholesterol profile in diabetic retinopathy. Dhir SP, et al. **Indian J Ophthalmol** 1984 Mar-Apr; 32(2):89-91

Growth hormone and diabetic retinopathy [letter] Goebel FD, et al. **Lancet** 1985 Sep 21;2(8456):666

Retinopathy in mild diabetes, hypersomatotropinism, and hypoinsulinaemia [letter] Winkler G, et al. **Lancet** 1985 Sep 7;2(8454):555

An investigation of the usefulness of HbA1 as an index of control of diabetes: from the viewpoint of progress of diabetic retinopathy. Fujita S, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:403-9

Effect of prostaglandin synthetase inhibitors on platelet aggregation and thromboxane production in diabetes mellitus. Watanabe J, et al. **Tohoku J Exp Med** 1984 Oct; 144(2):143-50

[Glycosylated hemoglobin and monitoring of diabetic retinopathy] Harada T, et al. **J Fr Ophtalmol** 1985; 8(4):315-9 (Eng. Abstr.) (Fre)

[Blood sugar and lipid metabolism parameters in diabetic retinopathy] Schmut O, et al. **Klin Monatsbl Augenheilkd** 1985 May;186(5):347-50 (Eng. Abstr.) (Ger)

[Hemorheologic and coagulation study in a group of patients with diabetic retinopathy] Parenti M, et al. **G Clin Med** 1984 Sep-Oct;65(9-10):409-18 (Eng. Abstr.) (Ita)

[The correlation between diabetic retinopathy and serum lipoperoxide] Niimi K, et al. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):379-82 (Eng. Abstr.) (Jpn)

[Oxygen saturation of arterial blood in patients with diabetic retinopathy] Gamm EG, et al. **Vestn Oftalmol** 1984 Nov-Dec;(6):64-5 (Rus)

[Relation of the atherosclerosis index and fundus oculi findings in type II diabetics] Latinović S, et al. **Med Pregl** 1985;38(1-2):27-31 (Eng. Abstr.) (Ser)

[Factor VIII R-Ag and factor VIII Co in diabetes mellitus: correlation between hormonal pattern and type of retinopathy] Calle Pascual AL, et al. **Med Clin (Barc)** 1984 Jun 2;83(1):4-8 (Eng. Abstr.) (Spa)

CLASSIFICATION

Conference on insulin pump therapy in diabetes. Multicenter study effect on microvascular disease. Studies of retinopathy. Methodology for assessment and classification with fundus photographs. Davis MD, et al. **Diabetes** 1985 Aug;34 Suppl 3:42-9

Malignant diabetic retinopathy [letter] Lindegård B. **Lancet** 1985 Feb 2;1(8423):271

Clinical arrangement of classification of diabetic retinopathy. Fukuda M. **Tohoku J Exp Med** 1983 Dec;141 Suppl:331-5

COMPLICATIONS

The negative coincidence of retinitis pigmentosa and proliferative diabetic retinopathy [letter] Dellaporta A. **Am J Ophthalmol** 1984 Oct 15;98(4):524

Anterior retinal cryotherapy in diabetic vitreous hemorrhage. Mosier MA, et al. **Am J Ophthalmol** 1985 Sep 15; 100(3):440-4

Anemia and diabetic retinopathy. Shorb SR. **Am J Ophthalmol** 1985 Sep 15;100(3):434-6

Chronic renal failure and severe diabetic vasculopathy in pregnancy. Reece EA, et al. **Am J Perinatol** 1984 Jul; 1(4):341-4

Rapid development and progression of proliferative retinopathy after strict diabetic control [letter] **Br Med J [Clin Res]** 1985 May 11;290(6479):1432

Pars plana vitrectomy for the complications of diabetic retinopathy: a report on 131 cases. Canny CL, et al. **Can J Ophthalmol** 1985 Feb;20(1):11-5

Peripheral retinal neovascularization in diabetes mellitus. Grabowski WM, et al. **Int Ophthalmol** 1985 Apr;8(1):43-6

Prognosis of traction retinal detachment in proliferative diabetic retiopathy. Riaskoff S. **Int Ophthalmol** 1985 Mar; 7(3-4):231-3

The diabetic vitreous. McMeel JW, et al. **Int Ophthalmol Clin** 1984 Winter;24(4):31-45

Anterior neovascularization. Pavan PR, et al. **Int Ophthalmol Clin** 1984 Winter;24(4):61-70

Diabetic neovascularization: permeability and ultrastructure. Miller H, et al. **Invest Ophthalmol Vis Sci** 1984 Nov; 25(11):1338-42

Microalbuminuria and diabetic retinopathy [letter] Barnett AH, et al. **Lancet** 1985 Jan 5;1(8419):53-4

Long-term diabetic vitrectomy results. Report of 10 year follow-up. Blankenship GW, et al. **Ophthalmology** 1985 Apr;92(4):503-6

Lipemic diabetic retinopathy. Brown GC, et al. **Ophthalmology** 1984 Dec;91(12):1490-5

Diabetic dense premacular hemorrhage. A possible indication for prompt vitrectomy. O'Hanley GP, et al. **Ophthalmology** 1985 Apr;92(4):507-11

Diabetic retinopathy—a preventable cause of blindness. Kanski JJ. **Practitioner** 1985 Apr;229(1402):343-8

[Diabetic retinopathy and Cushing's disease. Apropos of a clinical case] Bensoussan B, et al. **Bull Soc Ophtalmol Fr** 1984 Feb;84(2):229-32 (Eng. Abstr.) (Fre)

[Diabetic retinopathy and severe myopia] Grange JD, et al. **Bull Soc Ophtalmol Fr** 1984 Feb;84(2):205-8, 211 (Eng. Abstr.) (Fre)

DIAGNOSIS

Raised plasma fibronectin concentration is related to the presence of diabetic retinopathy. De Giorgio LA, et al. **Acta Diabetol Lat** 1984 Jul-Sep;21(3):251-6

Reversible monocular cataract simulating amaurosis fugax. Paylor RR, et al. **Ann Ophthalmol** 1985 Jul;17(7):423-5

Oscillatory potentials [letter] Lachapelle P. **Arch Ophthalmol** 1985 Apr;103(4):480

Low-contrast letter charts in early diabetic retinopathy, ocular hypertension, glaucoma, and Parkinson's disease. Regan D, et al. **Br J Ophthalmol** 1984 Dec;68(12):885-9

Screening for diabetic retinopathy [letter] **Br Med J [Clin Res]** 1985 May 4;290(6478):1349-50

Screening of diabetics for retinopathy by ophthalmic opticians [letter] Bhopal RS, et al. **Br Med J [Clin Res]** 1985 May 25;290(6481):1589

Screening for treatable diabetic retinopathy [editorial] Bron AJ. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1025-6

Screening of diabetics for retinopathy by ophthalmic opticians. Burns-Cox CJ, et al. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1052-4

Computer-aided digitisation of fundus photographs. Sleightholm MA, et al. **Clin Phys Physiol Meas** 1984 Nov; 5(4):295-301

Comparison of stereofundus photographs in patients with insulin-dependent diabetes during conventional insulin treatment or continuous subcutaneous insulin infusion. Canny CL, et al. **Diabetes** 1985 Aug;34 Suppl 3:50-5

Conference on insulin pump therapy in diabetes. Multicenter study of effect on microvascular disease. Assessment of fluorescein angiograms. Kohner EM, et al. **Diabetes** 1985 Aug;34 Suppl 3:56-60

Clinical predictors of retinopathy and its progression in patients with type I diabetes during CSII or conventional insulin treatment. Testa MA, et al. **Diabetes** 1985 Aug;34 Suppl 3:61-8

Electrophysiological testing in diabetic eye disease. Biersdorf WR. **Int Ophthalmol Clin** 1984 Winter;24(4):143-54

The use of ultrasound in the evaluation of diabetic vitreoretinopathy. Hermsen V. **Int Ophthalmol Clin** 1984 Winter;24(4):125-41

The tourniquet test and screening for diabetic retinopathy [letter] Williams R, et al. **JAMA** 1985 Jul 12;254(2):235

Microalbuminuria predicts proliferative diabetic retinopathy [letter] **Lancet** 1985 Jun 29;1(8444):1512-3

Microalbuminuria and retinopathy [letter] Dornan TL, et al. **Lancet** 1985 Jul 27;2(8448):212

Diagnosis and management of diabetic retinopathy. Case reports. Sabates R, et al. **Mo Med** 1984 Sep;81(9):609-13

Diabetic retinopathy as detected using ophthalmoscopy, a nonmydriatic camera and a standard fundus camera. Klein R, et al. **Ophthalmology** 1985 Apr;92(4):485-91

Comparison between ophthalmoscopy and fundus photography in determining severity of diabetic retinopathy. Moss SE, et al. **Ophthalmology** 1985 Jan; 92(1):62-7

Automated static perimetry to evaluate diabetic retinopathy. Federman JL, et al. **Trans Am Ophthalmol Soc** 1984; 82:358-70

Sequential vitreous fluorophotometry in diabetes mellitus: a five-year prospective study. Waltman SR. **Trans Am Ophthalmol Soc** 1984;82:827-49

[181 cases of retinopathy in diabetics] Luo CR. **Chung Hua I Hsueh Tsa Chih** 1985 Apr;65(4):235-9 (Chi)

[Evolution of early diabetic retinopathy. Clinical and angiographic study] Koenig F, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:296-9 (Fre)

[When should one request fluorescence angiography with a diabetic?] Quentel G. **Diabete Metab** 1985 Apr; 11(2):131-2 (Fre)

[Analysis of diabetic microangiopathy using retinal angiography in 82 children] Levy-Marchal C, et al. **Presse Med** 1984 Dec 1;13(43):2617-20 (Eng. Abstr.) (Fre)

[The eye and diabetes] Daghfous MT, et al. **Tunis Med** 1982 Jul-Aug;60(4):72-83 (Fre)

[Peripheral fluorescence angiography in diabetic retinopathy] Freyler H. **Klin Monatsbl Augenheilkd** 1985 Mar; 186(3):184-6 (Eng. Abstr.) (Ger)

[Diabetes and the eye] Hommer K. **Wien Med Wochenschr** 1985 Apr 15;135(6-7):180-5 (Ger)

[An electrophysiological method for detecting diabetic retinopathy in rats] Sato S, et al. **Nippon Yakurigaku Zasshi** 1984 Dec;84(6):509-17 (Eng. Abstr.) (Jpn)

DRUG THERAPY

The effect of an aldose reductase inhibitor (Sorbinil) on diabetic neuropathy and neural function of the retina: a double-blind study. Christensen JE, et al. **Acta Neurol Scand** 1985 Feb;71(2):164-7

Diabetic retinopathy and insulin therapy in a rural diabetic population [letter] Farber MD. **Am J Ophthalmol** 1984 Nov;98(5):646-7

Diabetic retinopathy and insulin therapy in a rural diabetic population [letter] Reifler DM. **Am J Ophthalmol** 1984 Nov;98(5):646

Treatment of blood hyperviscosity with calcium dobesilate in patients with diabetic retinopathy. Benarroch IS, et al. **Ophthalmic Res** 1985;17(3):131-8

Calcium dobesilate in diabetic retinopathy. A retrospective controlled study. Adank C, et al. **Ophthalmologica** 1985; 190(2):102-11

A clinical study of long-term administration of dextran sulfate (MDS Kowa) in patients with retinopathy. Mimura G, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:389-402

Preventive and therapeutic effects of gliclazide on diabetic retinopathy: comparison with glibenclamide treatment. Minami N, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:707-11

[Value of gliclazide in the treatment of early diabetic retinopathy] Cabral BV, et al. **Therapie** 1985 Jul-Aug; 40(4):231-3 (Eng. Abstr.) (Fre)

[Diabetic retinopathy with continuous subcutaneous insulin infusion therapy (insulin pump)] Bernsmeier H, et al. **Fortschr Ophthalmol** 1984;81(3):267-70 (Eng. Abstr.) (Ger)

[Hemorheologic and retinal microcirculatory aspects of diabetics undergoing treatment with human insulin using microinfusors] Terranova R, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):197–203 (Eng. Abstr.) (Ita)

[Use of disaggregants in treating diabetic retinopathy] Saldan IR. **Oftalmol Zh** 1984;(7):395–8 (Eng. Abstr.) (Rus)

ETIOLOGY

Severe proliferative retinopathy in a young man with diabetes of very short duration. Seyer-Hansen K, et al. **Acta Med Scand** 1985;217(5):571–4

The influence of pregnancy on diabetic retinopathy with special regard to the reversible changes shown in 100 pregnancies. Ohrt V. **Acta Ophthalmol (Copenh)** 1984 Aug;62(4):603–16

Diabetic retinopathy after one year of improved metabolic control obtained by continuous subcutaneous insulin infusion (CSII). Olsen T, et al. **Acta Ophthalmol (Copenh)** 1985 Jun;63(3):315–9

Rapid development and progression of proliferative retinopathy after strict diabetic control [letter] Boase DL. **Br Med J [Clin Res]** 1985 Apr 20;290(6476):1217

Rapid tightening of blood glucose control leads to transient deterioration of retinopathy in insulin dependent diabetes mellitus: the Oslo study. Dahl-Jørgensen K, et al. **Br Med J [Clin Res]** 1985 Mar 16;290(6471):811–5

Rapid development and progression of proliferative retinopathy after strict diabetic control. Dandona P, et al. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):895–6

Pathogenesis of diabetic retinal angiopathy: proposed mechanisms and current research. Buzney SM, et al. **Int Ophthalmol Clin** 1984 Winter;24(4):1–12 (47 ref.)

Aggregate formation of erythrocytes and diabetic retinopathy in children, adolescents, and adults with diabetes mellitus (type I). Tillmann W, et al. **Klin Wochenschr** 1984 Dec 3;62(23):1136–9

Severe retinopathy and mild carbohydrate intolerance: possible role of insulin deficiency and elevated circulating growth hormone. Barnes AJ, et al. **Lancet** 1985 Jun 29;1(8444):1465–8

Rapid development during puberty of proliferative retinopathy after strict diabetic control [letter] Lawrence JR, et al. **Lancet** 1985 Aug 10;2(8450):332

Analysis of risk factors in the development of diabetic retinopathy. Kajinuma H, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:337–42

[A preliminary analysis on the risk factors of retinopathy in non-insulin-dependent diabetes mellitus] Cheng H. **Chung Hua Nei Ko Tsa Chih** 1984 Aug;23(8):472–4, 524 (Eng. Abstr.) (Chi)

[Pathogenesis of diabetic retinopathy—observation on platelet adhesiveness and aggregation] Zhu ZR. **Chung Hua Yen Ko Tsa Chih** 1984 Jan;20(1):38–40 (Chi)

[Study on the pathogenesis of diabetic retinopathy—observation on serum growth hormone] Zhu ZR. **Chung Hua Yen Ko Tsa Chih** 1984 Mar;20(2):71–3 (Chi)

[It is necessary to improve the ophthalmologic monitoring of non-insulin-dependent diabetic patients (letter)] Lombrail P, et al. **Presse Med** 1984 Dec 1;13(43):2647 (Fre)

[Blood coagulation changes and pathogenesis of diabetic retinopathy. Recent advances] Porta M, et al. **Minerva Med** 1984 Oct 27;75(41):2407–20 (142 ref.) (Eng. Abstr.) (Ita)

[Diabetes mellitus and eye diseases] Margolis MG. **Ter Arkh** 1984;56(11):146–9 (Rus)

[Metabolic control of diabetes mellitus. Its relation to diabetic retinopathy] Reynals E, et al. **Med Clin (Barc)** 1984 Oct 27;83(13):529–30 (Eng. Abstr.) (Spa)

FAMILIAL & GENETIC

[Independence of retinopathy and optic atrophy in the DIDMOAD syndrome] Hennekes R, et al. **Klin Monatsbl Augenheilkd** 1984 Aug;185(2):100–4 (Eng. Abstr.) (Ger)

IMMUNOLOGY

HLA-DR antigen association with proliferative diabetic retinopathy. Middleton D, et al. **Int Ophthalmol** 1985 Apr;8(1):33–5

[Cellular immunity in patients with diabetes mellitus complicated by diabetic retinopathies] Danilova AI, et al. **Probl Endokrinol (Mosk)** 1984 Sep–Oct;30(5):29–34 (Eng. Abstr.) (Rus)

METABOLISM

Arachidonic acid metabolism by retinas of rats with streptozotocin-induced diabetes. Naveh-Floman N, et al. **Curr Eye Res** 1984 Sep;3(9):1135–9

Possible role of insulin deficiency and growth hormone in severe retinopathy [letter] Jennings PE, et al. **Lancet** 1985 Aug 31;2(8453):501

Computer analysis of ocular results following selective blockade of growth-hormone in diabetic retinopathy. A collaborative study. Schaub C, et al. **Metab Ophthalmol** 1984–85;8(1):35–42

[Possible role of the antioxidant system of the vitreous body in delaying the development of diabetic retinopathy] Alieva Za, et al. **Oftalmol Zh** 1985;(3):142–5 (Eng. Abstr.) (Rus)

OCCURRENCE

The prevalence of retinopathy in insulin-dependent juvenile-onset diabetes mellitus—a fluorescein-angiographic study. Jerneld B, et al. **Acta Ophthalmol (Copenh)** 1984 Aug;62(4):617–30

Ocular complications in insulin treated diabetes mellitus. An epidemiological study. Sjølie AK. **Acta Ophthalmol [Suppl] (Copenh)** 1985;172:1–77

The Wisconsin Epidemiologic Study of Diabetic Retinopathy. A comparison of retinopathy in younger and older onset diabetic persons. Klein R, et al. **Adv Exp Med Biol** 1985;189:321–35

Incidence estimates of retinopathy in Nauruan diabetics [letter] King H, et al. **Am J Epidemiol** 1984 Dec;120(6):956–7

Development and progression of diabetic eye disease in Newcastle (1977–1984): rates and risk factors. Mitchell P. **Aust N Z J Ophthalmol** 1985 Feb;13(1):39–44

Association of differing dietary, metabolic, and clinical risk factors with microvascular complications of diabetes: a prevalence study of 503 Mexican type II diabetic subjects. II. Paisey RB, et al. **Diabetes Care** 1984 Sep–Oct;7(5):428–33

The high prevalence of diabetes mellitus, impaired glucose tolerance and diabetic retinopathy in Nauru—the 1982 survey. Zimmet P, et al. **Diabetes Res** 1984 May;1(1):13–8

The Wisconsin epidemiologic study of diabetic retinopathy. IV. Diabetic macular edema. Klein R, et al. **Ophthalmology** 1984 Dec;91(12):1464–74

Epidemiological and clinical studies on blindness due to diabetic retinopathy. Ishii M, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:385–7

Prevalence of vision-threatening diabetic retinopathy in Newcastle, Australia. Mitchell P, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:379–83

[6 years' evaluation of proliferative diabetic retinopathy] Ducasse A, et al. **Bull Soc Ophtalmol Fr** 1984 Mar;84(3):287–92 (Eng. Abstr.) (Fre)

[Study of the occurrence of degenerative complications by the survival rate method] de Menibus CH, et al. **Diabete Metab** 1984 Dec;10(5):333–4 (Fre)

[Incidence of diabetic retinopathy in diabetic manifestation up to the 30th year of life] Schulze E. **Z Gesamte Inn Med** 1984 Aug 1;39(15):359–62 (Eng. Abstr.) (Ger)

PATHOLOGY

Natural history of peripheral neovascularisation in diabetic retinopathy. Turner GS, et al. **Br J Ophthalmol** 1985 Jun;69(6):420–4

Characterization of the early stages of diabetic retinopathy by vitreous fluorophotometry. Cunha-Vaz JG, et al. **Diabetes** 1985 Jan;34(1):53–9

Microproliferations in proliferative diabetic retinopathy and their relationship to the vitreous: corresponding light and electron microscopic studies. Faulborn J, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(3):130–8

Morphometric analysis of retinal blood vessels in retinopathia diabetica. Fuchs U, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(2):83–7

Intraretinal neovascularization in diabetic retinopathy. Muraoka K, et al. **Ophthalmology** 1984 Dec;91(12):1440–6

Prevalence of severely impaired visual acuity among diabetic patients in Fukuoka Prefecture with special emphasis on diabetic retinopathy: a survey by the Fukuoka Diabetes Clinic Group. Kido Y, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:375–8

Characteristics associated with diabetic retinopathy in Nauruans. King H, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:343–53

Prevalence of diabetic retinopathy and distribution of its severity among patients of a university clinic of diabetes in Osaka. Sumi S, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:355–60

Morphometric studies on retinal microangiopathy and myocardiopathy in hypertensive rats (SHR) with induced diabetes. Flückiger W, et al. **Virchows Arch [Cell Pathol]** 1984;47(1):79–94

[Kidney changes in patients with proliferative diabetic retinopathy] Stein G, et al. **Z Gesamte Inn Med** 1984 Jul 1;39(13):309–11 (Eng. Abstr.) (Ger)

[Clinical studies on macular changes in diabetic retinopathy. Part 3. Studies on pathology of retinal capillary beds in and around the macula in diabetic retinopathy] Sato Y, et al. **Nippon Ganka Gakkai Zasshi** 1984 Jul;88(7):1084–92 (Eng. Abstr.) (Jpn)

[Experimental diabetes mellitus. B. Microscopic studies of the rat retina] Pankowska B, et al. **Klin Oczna** 1984 May;86(5):191–2 (Eng. Abstr.) (Pol)

PHYSIOPATHOLOGY

Association of hue discrimination loss and diabetic retinopathy. Bresnick GH, et al. **Arch Ophthalmol** 1985 Sep;103(9):1317–24

Effect of sulindac on the permeability of the blood-retinal barrier in early diabetic retinopathy. Cunha-Vaz JG, et al. **Arch Ophthalmol** 1985 Sep;103(9):1307–11

The mechanism of blood-retinal barrier breakdown in diabetes [editorial] Frank RN. **Arch Ophthalmol** 1985 Sep;103(9):1303–4

Contrast sensitivity in diabetics with and without background retinopathy. Sokol S, et al. **Arch Ophthalmol** 1985 Jan;103(1):51–4

Impaired contrast sensitivity in diabetic patients with and without retinopathy: a new technique for rapid assessment. Della Sala S, et al. **Br J Ophthalmol** 1985 Feb;69(2):136–42

Visual evoked potential and contrast sensitivity function in diabetic retinopathy. Collier A, et al. **Br Med J [Clin Res]** 1985 Jul 27;291(6490):248

Wavelength-dependent abnormalities of pattern evoked cortical responses in young diabetics. Schauseil-Zipf U, et al. **Dev Ophthalmol** 1984;9:94–101

Growth hormone responses to growth-hormone-releasing hormone and thyrotropin-releasing hormone in diabetic patients with and without retinopathy. Kaneko K, et al. **Diabetes** 1985 Jul;34(7):710–3

Hyperosmolarity response of ocular standing potential as a clinical test for retinal pigment epithelium activity diabetic retinopathy. Kawasaki K, et al. **Doc Ophthalmol** 1984 Dec 15;58(4):375–84

Alteration of oscillatory potentials in diabetics induced by photocoagulation of the retina. Hennekes R, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;221(5):230–3

Measurement of flow-physiologic parameters of retinal blood circulation in type 1 and 2 diabetics before and after photocoagulation. Oswald B, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(3):154–7

Factors influencing the development of visual loss in advanced diabetic retinopathy. Diabetic Retinopathy Study (DRS) Report No. 10. Rand LI, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):983–91

Alterations in the retinal dopaminergic neuronal system in rats with streptozotocin-induced diabetes. Nishimura C, et al. **J Neurochem** 1985 Aug;45(2):448–55

Two-year course of visual acuity in severe proliferative diabetic retinopathy with conventional management. Diabetic Retinopathy Vitrectomy Study (DRVS) report 1. **Ophthalmology** 1985 Apr;92(4):492–502

Altered retinal vascular response to 100% oxygen breathing in diabetes mellitus. Grunwald JE, et al. **Ophthalmology** 1984 Dec;91(12):1447–52

Effect of vitamin E on platelet aggregation in diabetes mellitus. Watanabe J, et al. **Thromb Haemost** 1984 Jul 29;51(3):313–6

[Vascular disorders of the eye in diabetes mellitus] Oosterhuis JA. **Ned Tijdschr Geneeskd** 1984 Aug 18;128(33):1567–73 (Dut)

[Rapidly developing diabetic retinopathies (nosologic and therapeutic approach)] Grange JD, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1341–4 (Eng. Abstr.) (Fre)

[Electrophysiologic studies of patients with diabetic retinopathy] Li XX, et al. **Fortschr Ophthalmol** 1985;82(3):293–7 (Eng. Abstr.) (Ger)

[Intracapsular cataract extraction in proliferative diabetic retinopathy—a study of 100 operations on 83 patients] Mellin KB, et al. **Fortschr Ophthalmol** 1985;82(1):37–8 (Eng. Abstr.) (Ger)

[Hemorheological aspects of diabetic retinopathy] Brancato R, et al. **Ric Clin Lab** 1985;15 Suppl 1:317–9 (Eng. Abstr.) (Ita)

[Comparison of nephro- and retinopathies in patients with diabetes mellitus of various degrees of severity] Strubovshchikov EP, et al. **Ter Arkh** 1984;56(10):92–4 (Rus)

[Rheoophthalmographic studies in patients with diabetic retinopathy after laser coagulation] Mironova EM, et al. **Vestn Oftalmol** 1984 Nov–Dec;(6):24–7 (Eng. Abstr.) (Rus)

PREVENTION & CONTROL

Colour vision of diabetics. Green FD, et al. **Br J Ophthalmol** 1985 Jul;69(7):533–6

Polyunsaturated fatty acids and diabetic retinopathy. Howard-Williams J, et al. **Br J Ophthalmol** 1985 Jan;69(1):15–8

[Diabetes control and late complications] Reitsma WD. **Ned Tijdschr Geneeskd** 1985 May 25;129(21):989–93 (Eng. Abstr.) (Dut)

[Experimentally induced diabetic retinal microangiopathy and polyol pathway. II. Effect of aldose reductase inhibitors on microangiopathy] Kojima K, et al. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):247–56 (Eng. Abstr.) (Jpn)

PSYCHOLOGY

Psychologic stress and glycemic control: a comparison of patients with and without proliferative diabetic retinopathy. Jacobson AM, et al. **Psychosom Med** 1985 Jul–Aug;47(4):372–81

RADIOGRAPHY

Automatic detection of microaneurysms in diabetic fluorescein angiography. Baudoin CE, et al. **Rev Epidemiol Sante Publique** 1984;32(3–4):254–61

SURGERY

Corneal endothelium after photocoagulation in diabetic patients. Mäkitie J, et al. **Acta Ophthalmol (Copenh)** 1985 Jun;63(3):355–60

Treatment of diabetic traction retinal detachment with the pulsed neodymium-YAG laser. Brown GC, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):258-62

Argon laser photocoagulation for diabetic retinopathy in a patient with hemophilia [letter] Meredith TA, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):818-9

Argon laser photocoagulation in diabetic retinopathy: five year review of 697 treated eyes. Lim AS, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):252-60

Retinal cryopexy in the management of proliferative diabetic retinopathy. Mosier MA, et al. **Ann Ophthalmol** 1985 Mar;17(3):178-81

Irradiation of the posterior ocular segment with the neodymium-YAG laser in its free-running mode. Fankhauser F, et al. **Arch Ophthalmol** 1985 Sep;103(9):1406-12

Clinical photocoagulation with the organic dye laser. A preliminary communication. L'Esperance FA Jr. **Arch Ophthalmol** 1985 Sep;103(9):1312-6

Retinal function of the diabetic retina after argon laser photocoagulation assessed electroretinographically. Perlman I, et al. **Br J Ophthalmol** 1985 Apr;69(4):240-6

Assessing possible late treatment effects in stopping a clinical trial early: a case study. Diabetic Retinopathy Study report No. 9. Ederer F, et al. **Controlled Clin Trials** 1984 Dec;5(4):373-81

Visual function after pan-retinal photocoagulation: a survey. Russell PW, et al. **Diabetes Care** 1985 Jan-Feb;8(1):57-63

Diabetic vitrectomy. Pavan PR, et al. **Int Ophthalmol Clin** 1984 Winter;24(4):47-60

Cataract extraction and diabetic retinopathy. Alpar JJ. **J Am Intraocul Implant Soc** 1984 Fall;10(4):433-7

Current management of diabetic retinopathy. Flynn HW Jr. **J Arkansas Med Soc** 1985 Feb;81(9):453-4

Our goal: preventing or minimizing patient injury. Avery JK. **J Tenn Med Assoc** 1985 Apr;78(4):232-3

The monochromatic green argon laser in the management of macular disorders. Gazocchi M, et al. **Lasers Surg Med** 1985;5(2):95-104

Postcryotherapy dellen formation in diabetics with proliferative retinopathy. Newton M, et al. **Mt Sinai J Med (NY)** 1985 Feb;52(2):130-2

Treatment of proliferative diabetic retinopathy with panretinal cryotherapy. Daily [illegible] et al. **Ophthalmic Surg** 1984 Sep;15(9):741-5

The Hessburg flexible anterior chamber intraocular lens. Stokes HR. **Ophthalmic Surg** 1984 Dec;15(12):985-90

Retinopathy risk factor regression after laser panretinal photocoagulation for proliferative diabetic retinopathy. Doft BH, et al. **Ophthalmology** 1984 Dec;91(12):1453-7

Experiments on the absorption of argon and krypton laser by blood. Folk JC, et al. **Ophthalmology** 1985 Jan;92(1):100-8

Treatment of proliferative diabetic retinopathy. Long-term results of argon laser photocoagulation. Little HL. **Ophthalmology** 1985 Feb;92(2):279-83

Pupillary abnormalities induced by argon laser photocoagulation. Lobes LA Jr, et al. **Ophthalmology** 1985 Feb;92(2):234-6

Visual loss following panretinal photocoagulation for proliferative diabetic retinopathy. McDonald HR, et al. **Ophthalmology** 1985 Mar;92(3):388-93

Vitreous hemorrhage after vitrectomy for diabetic retinopathy. Novak MA, et al. **Ophthalmology** 1984 Dec;91(12):1485-9

The crystalline lens after vitrectomy for diabetic retinopathy. Novak MA, et al. **Ophthalmology** 1984 Dec;91(12):1480-4

Xenon arc photocoagulation of proliferative diabetic retinopathy. A review of 2688 consecutive eyes in the format of the Diabetic Retinopathy Study. Okun E, et al. **Ophthalmology** 1984 Dec;91(12):1458-63

Flash visual evoked potential as a prognostic factor for vitreous operations in diabetic eyes. Scherfig E, et al. **Ophthalmology** 1984 Dec;91(12):1475-9

Disorders of the fundus [letter] Thompson FB. **Ophthalmology** 1985 Jul;92(7):985

Chorioretinal and choriovitreal neovascularization after photocoagulation for proliferative diabetic retinopathy. A clinicopathologic correlation. Wallow I, et al. **Ophthalmology** 1985 Apr;92(4):523-32

Reduction of immediate complications after panretinal photocoagulation. Liang JC, et al. **Retina** 1984 Summer-Fall;4(3):166-70

Macular edema following panretinal photocoagulation. McDonald HR, et al. **Retina** 1985 Winter-Spring;5(1):5-10

Reparative epiretinal fibrosis after diabetic vitrectomy. Barry PJ, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 3):285-96

[Treatment of diabetic retinopathy with argon laser] Wang KS. **Chung Hua Yen Ko Tsa Chih** 1984 Mar;20(2):74-7 (Chi)

[Indications for vitrectomy in ischemic diabetic retinopathy. Apropos of 570 cas] Haut J, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:167-8 (Fre)

[Results of vitrectomy in diabetic retinopathy. A propos of 570 cases] Van Effenterre G, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:169-76 (Fre)

[Diabetic retinopathy and the laser] Chaine G. **Diabete Metab** 1985 Apr;11(2):130-1 (Fre)

[Treatment of diabetic cystoid macular edema by argon laser photocoagulation] Gaudric A, et al. **J Fr Ophtalmol** 1984;7(4):291-304 (Eng. Abstr.) (Fre)

[Importance of the localization of the photocoagulation focus in the therapy of proliferative diabetic retinopathy] Gerke E, et al. **Fortschr Ophthalmol** 1985;82(1):109-11 (Eng. Abstr.) (Ger)

[Dosing of retinal coagulation in diabetic retinopathy? Oscillatory retinal potentials as an indicator of stabilized retinal function] Hennekes R, et al. **Fortschr Ophthalmol** 1984;81(3):271-3 (Eng. Abstr.) (Ger)

[Intravitreal neovascularizations following diathermy coagulation] Kirchhof B, et al. **Fortschr Ophthalmol** 1984;81(3):263-4 (Eng. Abstr.) (Ger)

[Concept of a new instrument with simultaneous FAG imaging for guided panretinal laser coagulation in diabetes mellitus] Steinhuber W. **Fortschr Ophthalmol** 1984;81(5):474-5 (Eng. Abstr.) (Ger)

[Effect of laser therapy in diabetic retinopathy on the hemodynamics of retinal vessels] Richard G, et al. **Klin Monatsbl Augenheilkd** 1985 Feb;186(2):107-9 (Eng. Abstr.) (Ger)

[Results of silicone oil injections in various stages of proliferative vitreoretinopathy] Tavakolian U, et al. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):268-71 (Eng. Abstr.) (Ger)

[Results of closed vitrectomy for 100 consecutive cases of diabetic traction retinal detachment] Kohzuka T. **Nippon Ganka Gakkai Zasshi** 1985 Mar;89(3):418-22 (Eng. Abstr.) (Jpn)

[Effects of panretinal photocoagulation on posterior fundus in diabetic retinopathy. Analysis of local macular electroretinogram and visual evoked response] Kondo T, et al. **Nippon Ganka Gakkai Zasshi** 1985 Apr;89(4):535-43 (Eng. Abstr.) (Jpn)

[Acute necrosis of the retina associated with retraction of the vitreous body. Complication of an operation for retinal detachment] Bartkowska-Orlowska M. **Klin Oczna** 1984 Dec;86(12):563-5 (Eng. Abstr.) (Pol)

[Retinal detachment caused by laser coagulation of the fundus oculi] Szczypiński J, et al. **Klin Oczna** 1984 May;86(5):197-200 (Eng. Abstr.) (Pol)

[Correlation between the method of xenon photocoagulation and the state of the retina in patients with diabetic retinopathy] Zygulska-Machowa H, et al. **Klin Oczna** 1985 Feb;87(2):76-8 (Eng. Abstr.) (Pol)

[Results of vitrectomy in the pre-proliferative and early proliferative stages of diabetic retinopathy] Fedorov SN, et al. **Vestn Oftalmol** 1984 Nov-Dec;(6):20-3 (Eng. Abstr.) (Rus)

[Timely photocoagulation--the modern method of choice in the treatment of diabetic retinopathy] Nikolić Lj. **Srp Arh Celok Lek** 1984 Sep;112(9):967-74 (Eng. Abstr.) (Scc)

THERAPY

Site visits in a multicenter ophthalmic clinical trial. Cassel GH, et al. **Controlled Clin Trials** 1984 Sep;5(3):251-62

Conference on insulin pump therapy in diabetes. Multicenter study of effect on microvascular disease. Recruitment, Randomization, and baseline characteristics of the treatment groups. Champion MC, et al. **Diabetes** 1985 Aug;34 Suppl 3:13-6

The diabetic retinopathy study and the early treatment diabetic retinopathy study. Cantrill HL. **Int Ophthalmol Clin** 1984 Winter;24(4):13-29 (22 ref.)

[Successful treatment of diabetic retinopathy by procedures on the hypophysis] Svoboda Z, et al. **Vnitr Lek** 1984 Nov;30(11):1094-8 (Eng. Abstr.) (Cze)

[Ocular diseases in diabetes. Diabetic retinopathy] Shimizu Y. **Nippon Ika Daigaku Zasshi** 1984 Dec;51(6):758-61 (Jpn)

[Prevention of its development and treatment possibilities in diabetic retinopathy] Latinović S. **Med Pregl** 1984;37(11-12):551-7 (Eng. Abstr.) (Scr)

URINE

Urinary glucose testing inaccuracies among diabetic patients. Effect of acquired color vision deficiency caused by diabetic retinopathy. Bresnick GH, et al. **Arch Ophthalmol** 1984 Oct;102(10):1489-96

Urinary excretion of plasma proteins in diabetic subjects. Increased excretion of kappa light chains in diabetic patients with and without proliferative retinopathy. Teppo AM, et al. **Diabetes** 1985 Jun;34(6):589-94

Albuminuria and diabetic retinopathy [letter] Marre M, et al. **Lancet** 1985 Mar 2;1(8427):516-7

DIACETYL see under **BUTANONES**

DIACETYLDIPHENYLUREA BISGUANYLHYDRAZONE see under **CARBANILIDES**

DIACETYLMORPHINE

Exogenous ocular candidiasis associated with intravenous heroin abuse. Sorrell TC, et al. **Br J Ophthalmol** 1984 Nov;68(11):841-5

Efficacy of clonidine and of methadone in the rapid detoxification of patients dependent on heroin. Camí J, et al. **Clin Pharmacol Ther** 1985 Sep;38(3):336-41

Pupillary response to methadone challenge in heroin users. Higgins ST, et al. **Clin Pharmacol Ther** 1985 Apr;37(4):460-3

Disseminated candidiasis with extensive folliculitis in abusers of brown Iranian heroin. Calandra T, et al. **Eur J Clin Microbiol** 1985 Jan;4(3):340-2

Hepatic cirrhosis in young adults: association with adolescent onset of alcohol and parenteral heroin abuse. Novick DM, et al. **Gut** 1985 Jan;26(1):8-13

Lancefield group G streptococcus septic arthritis in a heroin user: report of a case. Goldshlack P, et al. **J Am Osteopath Assoc** 1984 Sep;84(1):60-1

High serum calcitonin levels in heroin addicts. Tagliaro F, et al. **J Endocrinol Invest** 1984 Aug;7(4):331-3

Comparison of physostigmine and naloxone in the treatment of acute heroin overdose [letter] Landis F, et al. **J Toxicol Clin Toxicol** 1984;22(5):493-8

Fungal endophthalmitis in narcotic abusers. Medical and surgical therapy in 10 patients. Gallo J, et al. **Med J Aust** 1985 Apr 1;142(7):386-8

Destruction of dopamine in the nucleus accumbens selectively attenuates cocaine but not heroin self-administration in rats. Pettit HO, et al. **Psychopharmacology (Berlin)** 1984;84(2):167-73

[The study of a population of drug addicts and/or homosexuals with chronic polyadenopathy] Quaranta JF, et al. **Rev Fr Transfus Immunohematol** 1984 Sep;27(4):543-7 (Eng. Abstr.) (Fre)

[Can the systemic candidiasis of heroin addicts be traced to contamination of the narcotic mixture?] Lopez A, et al. **Nuovi Ann Ig Microbiol** 1983 Mar-Apr;34(2):109-19 (Eng. Abstr.) (Ita)

ADMINISTRATION & DOSAGE

Effect of intrathecal diamorphine on the adrenocortical, hyperglycaemic and cardiovascular responses to major colonic surgery. Child CS, et al. **Br J Anaesth** 1985 Apr;57(4):389-93

Effects of endogenous hyperprolactinaemia on opiate-induced behavioral changes in rats. Drago F, et al. **Brain Res** 1985 Jun 17;336(2):215-21

Oxytocin reduces intravenous heroin self-administration in heroin-tolerant rats. Kovács GL, et al. **Life Sci** 1985 Jul 8;37(1):17-26

[Severe infections in addicts to heroin administered intravenously (letter)] Martínez JM, et al. **Med Clin (Barc)** 1984 Oct 27;83(13):562-3 (Spa)

ADVERSE EFFECTS

Evaluation of anti-emetics in association with intrathecal diamorphine. Barron DW. **Ann R Coll Surg Engl** 1984 Sep;66(5):359-60

Adulterants in heroin/cocaine: implications concerning heroin-associated nephropathy. Cunningham EE, et al. **Drug Alcohol Depend** 1984 Sep;14(1):19-22

Heroin myelopathy: a case report. Guidotti M, et al. **Ital J Neurol Sci** 1985 Mar;6(1):99-100

Reversal of opioid-associated late-onset respiratory depression by nalbuphine hydrochloride [letter] Hammond JE. **Lancet** 1984 Nov 24;2(8413):1208

[Heroin withdrawal syndrome after general anesthesia] Giron GP, et al. **Cah Anesthesiol** 1984 Jan-Feb;32(1):63-4 (Fre)

[Intense thrombocytopenia associated with the use of heroin (letter)] Sala F, et al. **Med Clin (Barc)** 1985 Mar 2;84(8):336 (Spa)

ANALYSIS

Illicit heroin manufacturing byproducts: capillary gas chromatographic determination and structural elucidation of narcotine- and norlaudanosine-related compounds. Allen AC, et al. **Anal Chem** 1984 Dec;56(14):2940-7

A study of transacetylation between 3,6-diacetylmorphine and morphine. Dybowski R, et al. **J Chromatogr Sci** 1984 Oct;22(10):465-9

1H nuclear magnetic resonance of heroin's D ring. Allen AC, et al. **J Forensic Sci** 1985 Jul;30(3):908-14

Analytical characterization of isoheroin. Beazley WD. **J Forensic Sci** 1985 Jul;30(3):915-21

Pyrolysis products of heroin. Cook CE, et al. **J Forensic Sci** 1985 Jan;30(1):251-61

Analytical studies on illicit heroin. II. Comparison of samples. Huizer H. **J Forensic Sci** 1983 Jan;28(1):40-8

Analytical studies on illicit heroin. I. The occurrence of O3-monoacetylmorphine. Huizer H. **J Forensic Sci** 1983 Jan;28(1):32-9

Illicitly imported heroin products: some physical and chemical features indicative of their origin. Part II. O'Neil PJ, et al. **J Forensic Sci** 1985 Jul;30(3):681-91

[Rate of mucosocutaneous carriers of staphylococci in heroin addicts of the Barcelona area and the microbiological characteristics of heroin and the material of injection] Miró JM, et al. **Med Clin (Barc)** 1984 Nov 10;83(15):620-3 (Eng. Abstr.) (Spa)

PHARMACODYNAMICS

Epidural diamorphine and the metabolic response to upper abdominal surgery. Normandale JP, et al. **Anaesthesia** 1985 Aug;40(8):748-53

Street pharmacology: uses of cocaine and heroin in the treatment of addiction. Hunt DE, et al. **Drug Alcohol Depend** 1984 Jul;13(4):375-87

Effect of diamorphine, delta 9-tetrahydrocannabinol and ethanol on intravenous cocaine disposition. Vadlamani NL, et al. **J Pharm Pharmacol** 1984 Aug;36(8):552-4

Buprenorphine, heroin, and methadone: comparison of relative reinforcing properties. Mello NK, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:172-8

Opioids alter tumor cell growth and differentiation in vitro. Zagon IS, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:344-50

Chronic naltrexone treatment increases the heroin-produced facilitation of self-stimulation. Schenk S, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):175-7

An examination of heroin conditioning in preferred and nonpreferred environments and in differentially housed mature and immature rats. Schenk S, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):215-20

Oxytocin diminishes heroin tolerance in mice. Kovács GL, et al. **Psychopharmacology (Berlin)** 1985;86(3):377-9

POISONING

Ischaemia following selfadministered intra-arterial injection of methylphenidate and diamorphine. A case report of treatment with intra-arterial urokinase and review. Corser G, et al. **Anaesthesia** 1985 Jan;40(1):51-4

Morphine concentrations in brain tissue from heroin-associated deaths. Pare EM, et al. **J Anal Toxicol** 1984 Sep-Oct;8(5):213-6

[Drug runner's syndrome. A case due to heroin (letter)] Souberbielle M, et al. **Presse Med** 1985 Feb 16;14(7):429-30 (Fre)

[Heroin deaths. Cadaver disposal—defensive cadaver dismemberment] Schneider V, et al. **Arch Kriminol** 1985 May-Jun;175(5-6):145-50 (Ger)

[Somatic symptoms in opiate abuse] Quadri F, et al. **Schweiz Med Wochenschr** 1985 Feb 16;115(7):226-34 (58 ref.) (Eng. Abstr.) (Ger)

[Rhabdomyolysis in acute heroin poisoning. Report of 2 cases] Panza N, et al. **Minerva Anestesiol** 1985 Jan-Feb; 51(1-2):15-26 (Eng. Abstr.) (Ita)

SUPPLY & DISTRIBUTION

The illicit non-pharmaceutical heroin market and drug scene in Kensington Market. Burr A. **Br J Addict** 1984 Sep; 79(3):337-43

Business as usual: heroin distribution in the United States. McBride RB. **Int J Health Serv** 1984;14(4):529-46

[The KNMG (Royal Dutch Society for the Promotion of Medicine) viewpoint concerning regulated provision of hard drugs in Amsterdam] **Ned Tijdschr Geneeskd** 1985 Feb 23;129(8):368 (Dut)

THERAPEUTIC USE

Heroin: facts and comparisons. Kaiko RF. **Am J Nurs** 1985 Jan;85(1):81

Heroin: should it be legalized for the treatment of cancer pain? Katz MD, et al. **Ariz Med** 1984 Sep;41(9):602-3

Heroin and pain [letter] Iles JD. **Can Med Assoc J** 1985 Feb 15;132(4):317

Heroin for the relief of pain [letter] **N Engl J Med** 1984 Dec 20;311(25):1633-4

Towards painless orthopaedic surgery. Barron DW. **Ulster Med J** 1984;53(2):146-9

[Medical indication for heroin provision in Amsterdam] van Brussel GH, et al. **Ned Tijdschr Geneeskd** 1985 Feb 23; 129(8):365-7 (Dut)

TOXICITY

The interference of naloxone hydrochloride in the teratogenic activity of opiates. Jurand A. **Teratology** 1985 Apr;31(2):235-40

DIAGNOSIS

Ruvalcaba syndrome [letter] Hunter A. **Am J Med Genet** 1985 Aug;21(4):785-7

Gender and symptom sensitivity: report on a Philippine study. Lieban RW. **Am J Orthopsychiatry** 1985 Jul; 55(3):446-50

The use of comparability ratios to adjust hospital trend data. Gee SC, et al. **Am J Public Health** 1985 Jan;75(1):81-2

The biochemist's contribution to the clinical process. Morgan DB. **Ann Clin Biochem** 1985 May;22 (Pt 3):222-5

How well does a test predict the diagnosis? Cox K. **Aust NZ J Surg** 1984 Aug;54(4):379-83

Improving estimates of prevalence by repeated testing. McClish D, et al. **Biometrics** 1985 Mar;41(1):81-9

Problem solving styles of general practitioners in simulated clinical situations. Westin S. **Fam Pract** 1984 Jun;1(2):92-9

A graphical aid to medical decision making. Benish WA. **Henry Ford Hosp Med J** 1985;33(1):34-5

The parallels between diagnostic and therapeutic research. Steckel RJ. **Invest Radiol** 1985 May-Jun;20(3):235-6

A bibliography of publications on observer variability. Feinstein AR. **J Chronic Dis** 1985;38(8):619-32

The identification of the medically compromised patient in dental practice. Dunne SM, et al. **J Dent** 1985 Mar; 13(1):45-51

Clinical hypothesis testing in family practice: a biopsychosocial perspective. Like R, et al. **J Fam Pract** 1984 Oct;19(4):517-23

Diagnosis clusters: a new approach for reporting the diagnostic content of family practice residents' ambulatory experiences. Schneeweiss R. **J Fam Pract** 1985 May; 20(5):487-92

A comparison of initial diagnostic hypotheses of medical students and internists. Benbassat J, et al. **J Med Educ** 1984 Dec;59(12):951-6

SCAMC conference on computer applications in medical care. **J Med Syst** 1984 Aug;8(4):217-369

Interpretation of diagnostic data: an unexplored field in general practice. Knottnerus JA. **J R Coll Gen Pract** 1985 Jun;35(275):270-4

The autopsy and clinical diagnosis. McGoogan E. **J R Coll Physicians Lond** 1984 Oct;18(4):240-3

Clinical information—signs, semeions and symptoms: discussion paper. Wilbush J. **J R Soc Med** 1984 Sep; 77(9):766-73

Health concerns and teacher training of selected elementary teachers in Michigan. Davis C, et al. **J Sch Health** 1985 Apr;55(4):151-3

Delaying the diagnosis of disease [letter] **JAMA** 1985 Sep 6;254(9):1176

Physician tolerance for uncertainty. Use of liver-spleen scans to detect metastases. Allman RM, et al. **JAMA** 1985 Jul 12;254(2):246-8

Treat yourself, right? Freedman S. **JAMA** 1984 Nov 9; 252(18):2541

The assessment of diagnostic tests. A survey of current medical research. Sheps SB, et al. **JAMA** 1984 Nov 2; 252(17):2418-22

Delayed diagnosis of disease. Spiro HM. **JAMA** 1985 Apr 19;253(15):2258

Screening procedures in the asymptomatic adult. Comparison of physicians' recommendations, patients' desires, published guidelines, and actual practice. Woo B, et al. **JAMA** 1985 Sep 20;254(11):1480-4

Bayesian diagnosis in presence of pre-existing disease. Balla JI, et al. **Lancet** 1985 Feb 9;1(8424):326-9

Nomogram for predictive values and efficiencies of tests [letter] Møller-Petersen J. **Lancet** 1985 Feb 9;1(8424):348

Playing the odds. Simel DL. **Lancet** 1985 Feb 9; 1(8424):329-30

Clinical decisionmaking. Doubilet P, et al. **Med Care** 1985 May;23(5):648-62 (62 ref.)

The effect of including secondary diagnoses on the description of the diagnostic content of family practice. Schneeweiss R, et al. **Med Care** 1984 Nov;22(11):1058-63

'Condition diagramming': a new approach to teaching clinical integration. Russell IJ. **Med Educ** 1985 May;19(3):220-5

Medical watershed [letter] Gandevia B. **Med J Aust** 1985 Feb 4;142(3):233-4

Gene deletion and restriction fragment length polymorphisms at the human ornithine transcarbamylase locus. Rozen R, et al. **Nature** 1985 Feb 28-Mar 6;313(6005):815-7

Assessment of elderly people prior to institutional care. Campbell AJ. **NZ Med J** 1984 Dec 26;97(770):894-5

Clinical problem solving: learned process. Fiel SB, et al. **Pa Med** 1985 Jun;88(6):46-50

Causal thinking in practice: strengths and weaknesses of the clinical vantage point. Susser M. **Pediatrics** 1984 Nov; 74(5):842-9

Comparison between pre- and post-mortem diagnoses in a consecutive series of patients. Gibiński K, et al. **Scand J Gastroenterol** 1985 Apr;20(3):370-2

Veterinary diagnosis in clinical medicine. Hayden GF, et al. **South Med J** 1984 Dec;77(12):1575-6

Detailed diagnoses and surgical procedures for patients discharged from short-stay hospitals. United States, 1983. **Vital Health Stat [13]** 1985 Mar;(82):i-iii, 1-278

[The pattern effect of clinical diagnosis and treatment] Wang LX. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jul;4(7):433-4 (Chi)

[Ethics and diagnosis] Pacovský V. **Cas Lek Cesk** 1985 May 3;124(18):548-50 (Eng. Abstr.) (Cze)

[Social diagnostics] Dunovský J. **Vnitr Lek** 1985 Apr; 31(4):327-32 (Eng. Abstr.) (Cze)

[Psychological diagnostics in internal medicine] Langmeier J. **Vnitr Lek** 1985 Apr;31(4):332-6 (Eng. Abstr.) (Cze)

[Diagnostics and diagnosis yesterday, today and tomorrow] Pacovský V. **Vnitr Lek** 1985 Apr;31(4):313-9 (Eng. Abstr.) (Cze)

[Theory of diagnosis] Skaunic V, et al. **Vnitr Lek** 1985 Apr; 31(4):319-27 (Eng. Abstr.) (Cze)

[Immunologic principles as methods of diagnosis] Strejček J. **Vnitr Lek** 1985 Apr;31(4):351-4 (Cze)

[Registration of diagnoses in a national patient register. Preliminary assessment of the validity of the register] Jürgensen HJ, et al. **Ugeskr Laeger** 1984 Oct 22; 146(43):3303-8 (Eng. Abstr.) (Dan)

[The probability ratio principle in the evaluation of diagnostic test results] Linnet K. **Ugeskr Laeger** 1984 Aug 13; 146(33):2461-6 (Eng. Abstr.) (Dan)

[The second diagnosis] Krol LJ, et al. **Ned Tijdschr Geneeskd** 1984 Dec 22;128(51):2385-7 (Dut)

[The practical clinical examination; a critical study] Metz JC. **Ned Tijdschr Geneeskd** 1985 Apr 27;129(17):796-8 (Dut)

[Medical decision making; pro or con?] Oosterhuis HJ. **Ned Tijdschr Geneeskd** 1984 Oct 13;128(41):1948-51 (Dut)

[Supplementary tests in pregnant women] Colombeau P, et al. **Ann Urol (Paris)** 1984 Sep;18(5):342-4 (Eng. Abstr.) (Fre)

[Theory of medical decisions] Verniory A. **Bull Mem Acad R Med Belg** 1984;139(7):387-99 (Eng. Abstr.) (Fre)

[Problems in stage diagnosis] Anschütz F, et al. **Internist (Berlin)** 1985 Mar;26(3):121-2 (Ger)

[The uncertainty of 'accuracy'. On the reliability of a variably employed concept] Schreiber MA, et al. **Ultraschall Med** 1985 Jun;6(3):144-6 (Eng. Abstr.) (Ger)

[Unity of etiology and pathogenesis as well as diagnosis and therapy as a basic prerequisite of successful medical care] Hecht A. **Z Arztl Fortbild (Jena)** 1984;78(17):737-41 (Ger)

[Application of Bayes' theorem to diagnosis of patients with multiple diseases] Maetani S, et al. **Iyodenshi To Seitai Kogaku** 1984 Oct;22(6):426-32 (Eng. Abstr.) (Jpn)

[Pathologicoanatomic diagnosis in pediatric practice] Tsinzerling AV. **Arkh Patol** 1984;46(8):76-8 (Rus)

[Use of analogy in clinical diagnosis] Vinokur VA. **Klin Med (Mosk)** 1984 Nov;62(11):130-3 (Rus)

[Science and medicine] Chazov EI. **Ter Arkh** 1984;56(11):3-5 (Rus)

[Methodological aspects of high specialization in diagnosis] Cherkasov SV. **Ter Arkh** 1985;57(2):127-30 (Rus)

[The decision-making algorithm in clinical practice (the internal dialogue of a doctor)] Uličiansky V, et al. **Vnitr Lek** 1985 Apr;31(4):391-7 (Eng. Abstr.) (Slo)

[Diagnosis and treatment: what do our patients know?] Roizblatt A, et al. **Rev Med Chil** 1984 Apr;112(4):355-8 (Eng. Abstr.) (Spa)

[Iris diagnosis—a bad alternative in alternative medicine] Berggren L. **Lakartidningen** 1984 Dec 19;81(51):4852-5 (Swe)

[Can diagnosis be obtained by zone therapy?] Brunkstedt I. **Lakartidningen** 1984 Dec 19;81(51):4849-52 (Swe)

CLASSIFICATION

[Computer utilization and diagnosis classification in a medical clinic] Berggren R, et al. **Nord Med** 1985;100(4):123-5 (Swe)

DIAGNOSIS, COMPUTER ASSISTED

Depression and anxiety in pain clinic patients. Rapid assessment by microcomputer. Hanks GW, et al. **Anaesthesia** 1985 Jul;40(7):676-9

The diagnosis of myocardial infarction by computer-derived protocol in a municipal hospital. Poretsky L, et al. **Angiology** 1985 Mar;36(3):165-70

The Birth Defects Information System (BDIS): online information and diagnostic assist. Buyse ML. **Birth Defects** 1984;20(6):85-90

The value of image post-processing in sonomammography: a preliminary report. Marqués BJ, et al. **Bol Asoc Med PR** 1985 Apr;77(4):138-42

Can preliminary screening of dyspeptic patients allow more effective use of investigational techniques? [letter] **Br Med J [Clin Res]** 1985 Feb 16;290(6467):553-5

Computer assisted screening: effect on the patient and his consultation. Pringle M, et al. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1709-12

Applying descriptive discriminant analysis as a visual aid for physicians interpreting biochemical test results. Durbridge TC. **Clin Biochem** 1984 Oct;17(5):321-6

Statistical diagnosis based on conditional independence does not require it. Hilden J. **Comput Biol Med** 1984;14(4):429-35

Analysis of historical variables, risk factors and the resting electrocardiogram as an aid in the clinical diagnosis of recurrent chest pain. Joswig BC, et al. **Comput Biol Med** 1985;15(2):71-80

Answer justification in medical decision support systems based on Bayesian classification. Reggia JA, et al. **Comput Biol Med** 1985;15(4):161-7

Differentiation between diseases using a programmable hand-held calculator and Bayes' theorem: application to lower gastrointestinal tract disorders. van de Merwe JP. **Comput Biol Med** 1984;14(4):471-89

QUICK (QUick Index to Caduceus Knowledge): using the INTERNIST-1/CADUCEUS knowledge base as an electronic textbook of medicine. First MB, et al. **Comput Biomed Res** 1985 Apr;18(2):137-65

On the optimum selection of diagnostic tests in computer-aided differential diagnosis. Hess CF, et al. **Comput Biomed Res** 1984 Oct;17(5):389-98

An expert system which critiques patient workup: modeling conflicting expertise. Miller PL, et al. **Comput Biomed Res** 1984 Dec;17(6):554-69

The reproducibility of interpretation of 10 computer ECG systems by means of a microprocessor-based ECG signal generator. Miyahara H, et al. **Comput Biomed Res** 1984 Aug;17(4):311-25

A computer-assisted monitoring system for arrhythmia detection in a medical intensive care unit. Alcover IA, et al. **Crit Care Med** 1984 Oct;12(10):888-91

Computer-aided selection of diagnostic tests in jaundiced patients. Saint-Marc Girardin MF, et al. **Gut** 1985 Sep; 26(9):961-7

Acceptance and impact of the computer in clinical decisions. Siegel C, et al. **Hosp Community Psychiatry** 1984 Aug; 35(8):773-5

Clinical and investigative discrimination between portal vein thrombosis, non-cirrhotic portal fibrosis and cirrhosis. Koshy A, et al. **Indian J Gastroenterol** 1984 Oct;3(4):201-2

Clinical differentiation between portal vein thrombos

(PVT), non-cirrhotic portal fibrosis (NCPF) and cirrhosis by discriminant analysis. Koshy A, et al. **Indian J Gastroenterol** 1984 Oct;3(4):197–8

The microcomputer in the dental office: a new diagnostic aid. van der Stelt PF. **Int Dent J** 1985 Jun;35(2):103–8

AR identification and spectral estimate applied to the R-R interval measurements. Bartoli F, et al. **Int J Biomed Comput** 1985 May;16(3–4):201–15

Attributed strings for recognition of epileptic transients in EEG. Faure C. **Int J Biomed Comput** 1985 May; 16(3–4):217–29

DIAG: a computer-assisted dermatologic diagnostic system—clinical experience and insight. Haberman HF, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):132–43

Symbolic coordinate anatomy for neurology (SCAN). Banks G, et al. **J Med Syst** 1984 Jun;8(3):157–62

Modular algorithm for tardive dyskinesia diagnosis (MALTD): a demonstration of a methodological concept for diagnostic decision making. Severe JB, et al. **J Psychiatr Res** 1984;18(3):245–53

MED1: an intelligent computer program for thoracic pain diagnosis. Puppe B, et al. **Klin Wochenschr** 1985 Jun 3; 63(11):511–7

Computer-assisted diagnosis of acute abdominal pain in childhood [letter] Dickson JA, et al. **Lancet** 1985 Jun 15; 1(8442):1389–90

Computerised evaluation of acid-base disorders based on a nine-cell decision matrix. Kaldor G, et al. **Med Biol Eng Comput** 1985 May;23(3):269–73

Statistical modelling and diagnostic aids. Morton BA, et al. **Med Decis Making** 1984;4(3):339–48

Present state of the medical expert system CADIAG-2. Adlassnig KP, et al. **Methods Inf Med** 1985 Jan;24(1):13–20

Selection and assessment of laboratory tests for the evaluation of liver functional impairment. Belforte G, et al. **Methods Inf Med** 1985 Jan;24(1):39–45

Knowledge acquisition for expert systems: experience in leukaemia diagnosis. Fox J, et al. **Methods Inf Med** 1985 Apr;24(2):65–72

Artificial intelligence methods for expert medical consultant systems. Kulikowski CA. **Mt Sinai J Med (NY)** 1985 Feb; 52(2):87–93

The computer as a new basis for analytic clinical practice: coupling individual problems with medical knowledge. Weed LL. **Mt Sinai J Med (NY)** 1985 Feb;52(2):94–8

Computer-based information retrieval and decision support for birth defects and genetic disorders. Buyse ML. **Pediatrics** 1984 Oct;74(4):557–8

Computer diagnosis of depression and anxiety: the Stirling County Study. Murphy JM, et al. **Psychol Med** 1985 Feb; 15(1):99–112

[Production and clinical application of the XZY-1 model computer-assisted ECG automatic diagnosis system] Li ZA. **Chung Hua I Hsueh Tsa Chih** 1984 Oct;64(10):603–5 (Eng. Abstr.) (Chi)

[Differential diagnosis of progressive muscular dystrophies using an expert computer system] Mařiková T, et al. **Cas Lek Cesk** 1985 Jan 25;124(4):109–13 (Eng. Abstr.) (Cze)

[Microcomputers in emergency medicine] Satánek A. **Cas Lek Cesk** 1985 Jan 25;124(4):102–3 (Eng. Abstr.) (Cze)

[A 2-dimensional model for the differential diagnosis of 6 nosographic categories] Skoda C. **Cesk Psychiatr** 1984 Aug; 80(4):279–84 (Cze)

[Medical expert systems: an aid in diagnosis and therapy] Lucas PJ, et al. **Ned Tijdschr Geneeskd** 1985 Jan 26; 129(4):160–5 (Eng. Abstr.) (Dut)

[Databank food allergies 'Combally'] Kamsteeg J. **Tijdschr Kindergeneeskd** 1984 Jun;52(3):112–3 (Dut)

[L.I.C.E.T.-D 100: a new approach to the diagnosis of depression] Pull CB, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):831–47 (Eng. Abstr.) (Fre)

[Computer-assisted genetic files and diagnosis] Schorderet D. **Schweiz Rundsch Med Prax** 1985 Apr 2;74(14):347–50 (Eng. Abstr.) (Fre)

[The computer and psychiatry. Current possibilities for its use in documentation, diagnosis, therapy and continuing education] Kalb R. **Fortschr Med** 1984 Aug 30; 102(31–32):82–3 (Ger)

[Effect of form and content of findings on future systems for computer-based diagnosis] Scheibe J. **Radiol Diagn (Berl)** 1985;26(1):65–72 (Eng. Abstr.) (Ger)

[Evaluation of diagnostic efficiency of intelligence program for automatic diagnosis of circumferential profiles of myocardial short axial SPECT] Bunko H, et al. **Kaku Igaku** 1984 Jun;21(6):713–22 (Eng. Abstr.) (Jpn)

[Catamnestic modeling of cerebrovascular diseases. A computerized study of 9000 cases] Mircea T. **Rev Med Interna [Neurol Psihiatr]** 1984 Jul–Sep; 29(3):203–11 (Rum)

[Analysis of the symptoms of ischemic heart disease with a lesion of the trunk of the left coronary artery by using an automated information system] Buslenko NS, et al. **Kardiologiia** 1985 May;25(5):58–61 (Eng. Abstr.) (Rus)

[Role of medical cybernetics in the improvement of diagnosis, prognosis and choice of treatment method in pulmonological patients] Molotkov VN, et al. **Ter Arkh** 1984;56(8):67–72 (Eng. Abstr.) (Rus)

[Use of microcomputers for the topical diagnosis of injuries and diseases of the peripheral nervous system] Zaitsev RZ, et al. **Voen Med Zh** 1985 Mar;(3):55–6 (Rus)

INSTRUMENTATION

The computer as a medical tool. McClatchey WM. **J Med Assoc Ga** 1985 May;74(5):290–1

A microprocessor-based system for measurement of gas exchange. Jaffe MB, et al. **J Med Syst** 1984 Oct;8(5):437–50

[Automatic diagnostic assistance in psychiatry] Boyer P, et al. **Ann Med Psychol (Paris)** 1984 Nov;142(9):1236–43 (Fre)

[Automated diagnostic screening system using a computer in the dispensary care of urology patients] Bachurin VI, et al. **Urol Nefrol (Mosk)** 1985 Mar–Apr;(2):3–6 (Eng. Abstr.) (Rus)

METHODS

Comparison of computerised self-rating scales for depression with conventional observer ratings. Ancill RJ, et al. **Acta Psychiatr Scand** 1985 Mar;71(3):315–7

SYNDROC: microcomputer based differential diagnosis of malformation patterns. Schorderet D, et al. **Arch Dis Child** 1985 Mar;60(3):248–51

Psychiatric diagnosis: what role for the computer? Greist JH, et al. **Hosp Community Psychiatry** 1984 Nov; 35(11):1089–90, 1093

Computer-based discrimination of abnormal stomachs using radiograms. Fukushima S, et al. **IEEE Trans Biomed Eng** 1985 Jun;32(6):353–62

Answer justification in diagnostic expert systems—Part I: Abductive inference and its justification. Reggia JA, et al. **IEEE Trans Biomed Eng** 1985 Apr;32(4):263–7

Answer justification in diagnostic expert systems—Part II: Supporting plausible justifications. Reggia JA, et al. **IEEE Trans Biomed Eng** 1985 Apr;32(4):268–72

A computerized diagnostic system for comparing alternative classification schemes of depression. Boyer P, et al. **J Affective Disord** 1984 Oct;7(2):159–71

Information analysis for medical expert systems. Glasziou P, et al. **Methods Inf Med** 1984 Jul;23(3):126–34

Computer analysis of ventilation-perfusion scans for detection and assessment of lung disease. Burton GH, et al. **Thorax** 1985 Jul;40(7):519–25

[Computer assistance in diagnosis and therapeutic decision-making] Hache JC. **Bull Soc Ophtalmol Fr** 1984 Nov;Spec No:179–82 (Fre)

[Automatization and resuscitation: computer-assisted diagnosis] Cristaldi L, et al. **Minerva Anestesiol** 1984 Sep; 50(9):469–75 (Eng. Abstr.) (Ita)

TRENDS

Computer diagnostics: technology of the future. Korcok M. **Can Med Assoc J** 1985 Aug 1;133(3):231–5

Expert systems in medicine: a biomedical engineering perspective. Sandell HS, et al. **Crit Rev Biomed Eng** 1985; 12(2):95–129 (122 ref.)

DIAGNOSIS, DIFFERENTIAL

Differential diagnosis and the competing-hypotheses heuristic. A practical approach to judgment under uncertainty and Bayesian probability. Wolf FM, et al. **JAMA** 1985 May 17;253(19):2858–62

Present state of the medical expert system CADIAG-2. Adlassnig KP, et al. **Methods Inf Med** 1985 Jan;24(1):13–20

DIAGNOSIS, LABORATORY

see related

TECHNOLOGY, MEDICAL

Precision of sensitivity estimations in diagnostic test evaluations. Power functions for comparisons of sensitivities of two tests. Linnet K. **Clin Chem** 1985 Apr; 31(4):574–80

Applications of recombinant DNA to pathologic diagnosis. Sauls CD, et al. **Clin Chem** 1985 Jun;31(6):804–11

Clinical utility of body fluid analyses. Cheson BD. **Clin Lab Med** 1985 Jun;5(2):195–208 (78 ref.)

The clinical biochemistry laboratory computer system and result entry: validation of analytical results. Tuckerman JF, et al. **Comput Methods Programs Biomed** 1985 May; 20(1):103–16

When is a test diagnostic? [editorial] Wagner BM. **Hum Pathol** 1985 Apr;16(4):325

The value of battery testing in the clinical laboratory: a PERT network case study. Kwak NK, et al. **J Med Syst** 1984 Aug;8(4):239–47

Laboratory identification of sexually transmitted diseases. Brown ER, et al. **J Reprod Med** 1985 Mar;30(3 Suppl):237–43

Physicians poor at prevalence and positive predictive value [letter] Billings PR, et al. **JAMA** 1985 Sep 6;254(9):1173–4

Medical laboratory services in developing countries: necessity or status symbol? Seaton B. **Med Lab Sci** 1984 Oct;41(4):365–73

Medical lab services can help find employee chemical exposure. Palmer WG. **Occup Health Saf** 1985 Jul; 54(7):46–8

Optimized use of clinical laboratory data. Proceedings of the IV international meeting on clinical laboratory organization and management. Uppsala, Sweden, 1983. **Scand J Clin Lab Invest [Suppl]** 1984;171:1–403

[Centralization of the study of urinary concretions in East Germany] Tobiška J. **Cas Lek Cesk** 1985 Apr 26; 124(17):539–40 (Cze)

[Strategies in clinicobiochemical diagnosis] Mašek K. **Vnitr Lek** 1985 Apr;31(4):346–50 (Eng. Abstr.) (Cze)

[Guidelines for preoperative laboratory studies in healthy patients (ASA I). Commission Preoperative Laboratory Studies of the Academic Medical Center in Amsterdam] **Ned Tijdschr Geneeskd** 1984 Dec 15;128(50):2353–6 (Dut)

[The test diagram, a visual aid in the interpretation of tests results] Baggen JL, et al. **Ned Tijdschr Geneeskd** 1984 Sep 1;128(35):1656–9 (Eng. Abstr.) (Dut)

[Dry chemistry in medical practice. Possibilities and problems] Keller H. **Schweiz Rundsch Med Prax** 1985 Jul 16;74(29):771–3 (Ger)

[Usefulness of the biochemical monitoring of patients in critical conditions] Kazda A. **Z Med Lab Diagn** 1985; 26(3):146–50 (Eng. Abstr.) (Ger)

[Diagnostic strategies in pre-field studies] Keller H, et al. **Z Med Lab Diagn** 1984;25(5):243–9 (Eng. Abstr.) (Ger)

[Historical aspects of the use of laboratory diagnostic methods in medicine] Meissner D, et al. **Z Med Lab Diagn** 1984;25(8):444–51 (Eng. Abstr.) (Ger)

[Principles of rational laboratory diagnosis] Neymeyer HG. **Z Med Lab Diagn** 1984;25(5):287–91 (Eng. Abstr.) (Ger)

[Laboratory findings visit, an interdisciplinary encounter of the clinic and the laboratory] Ruhnau KJ, et al. **Z Med Lab Diagn** 1985;26(1):48–51 (Ger)

[Thoughts on pediatric rapid diagnosis] Zinsmeyer J, et al. **Z Med Lab Diagn** 1985;26(3):172–3 (Ger)

[Quality assurance in medical microbiology] Burkhardt F. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Oct; 258(1):1–19 (Ger)

[31st meeting of the Japanese Society of Pathology. 12–14 October 1984, Kanazawa, Japan. Abstracts] **Rinsho Byori** 1984 Aug;32 Suppl:1–415 (Jpn)

[Preventive medicine and laboratory medicine] Amino N. **Rinsho Byori** 1984 May;32(5):453–60 (Jpn)

[Laboratory requirements for dispensary service to the entire population] Men'shikov VV. **Lab Delo** 1985;(2):67–71 (Eng. Abstr.) (Rus)

[Teaching clinical laboratory diagnosis at institutes of advanced training of physicians] Tkach IuI. **Lab Delo** 1985; (3):177–9 (Eng. Abstr.) (Rus)

[Role of the laboratory physician in the diagnostic process] Tkach IuI. **Lab Delo** 1985;(4):250–2 (Eng. Abstr.) (Rus)

ECONOMICS

The clinical microbiology laboratory. Utilization and cost-effectiveness. Washington JA 2d. **Am J Med** 1985 Jun 28;78(6B):8–16

Enter the pathologist/clinician [editorial] Sbarbaro JA. **Chest** 1984 Dec;86(6):805

Clinical laboratory responses to reduced funding. Winkelman JW, et al. **JAMA** 1984 Nov 2;252(17):2435–40

Fewer tests may cost more [letter] Horvath B, et al. **N Engl J Med** 1985 Jun 20;312(25):1645–6

[Drastic measures in preoperative laboratory diagnosis] van der Meer J. **Ned Tijdschr Geneeskd** 1984 Dec 15; 128(50):2357–8 (Dut)

[Justification of radiologic (or laboratory) tests. (Possibilities of avoiding diagnostic polypragmatism) (letter)] **Orv Hetil** 1984 Dec 9;125(50):3085–7 (Hun)

INSTRUMENTATION

Biosensors and the clinical laboratory. Pace SJ. **Med Instrum** 1985 Jul–Aug;19(4):168–72

[Efficiency of automation and overall mechanization of the laboratory process] Makarovskiĭ VV, et al. **Sov Zdravookhr** 1985;(2):27–32 (Rus)

METHODS

An office laboratory panel to assess vaginal problems. Bertholf ME, et al. **Am Fam Physician** 1985 Sep; 32(3):113–25

Side-room tests in infectious diseases units [editorial] **J Infect** 1984 Nov;9(3):227–9

Hepatitis research in chimpanzees: evaluations of clinical laboratory methodologies. Muchmore E, et al. **J Med Primatol** 1983;12(2):65–7

[Criteria of analytic information content of laboratory diagnostic and proof methods and their use for orienting tests] Neymeyer HG. **Z Med Lab Diagn** 1984;25(7):397–400 (Eng. Abstr.) (Ger)

[Rational use of 'laboratory' diagnosis from the viewpoint of the clinician] Nilius R. **Z Med Lab Diagn** 1985; 26(3):119–29 (Ger)

[Photometric methods of laboratory studies and their application to medical microanalysis] Men'shikov VV, et al. **Lab Delo** 1985;(4):195–7 (Eng. Abstr.) (Rus)

STANDARDS

Laboratory evaluation of the Coulter 'three-part electronic differential'. Nelson L, et al. **Am J Clin Pathol** 1985 May; 83(5):547–54

Medically useful criteria for analytic performance of laboratory tests. Skendzel LP, et al. **Am J Clin Pathol** 1985 Feb;83(2):200–5

All laboratory tests are not created equal [editorial] Speicher CE. **Arch Pathol Lab Med** 1985 Aug;109(8):709–10

Better laboratory evaluations of instruments and kits are required. Fraser CG, et al. **Clin Chem** 1985 May; 31(5):667–70

The influence of measurement precision on medical findings. Schoknecht G, et al. **Clin Phys Physiol Meas** 1985 May; 6(2):161–9

Effects of biological and analytical variations on the appropriate use of 'reference intervals' in clinical chemistry. Proposal of a scheme for longitudinal assessment of laboratory values. Costongs GM, et al. **J Clin Chem Clin Biochem** 1984 Sep;22(9):613–21

External quality assessment for clinical microbiological laboratories in Norway 1983. Lassen J, et al. **NIPH Ann** 1984 Jun;7(1):29–37

The predictive value of diagnostic procedures. Gelmann GR. **Nurse Pract** 1985 Mar;10(3):25, 28–30, 32 passim

Laboratory reliability of the Papanicolaou smear. Yobs AR, et al. **Obstet Gynecol** 1985 Feb;65(2):235–44

[Management decisions of medical directors for responding to reasonable demands in laboratory diagnosis] Ballschuh G. **Z Med Lab Diagn** 1984;25(6):349–50 (Ger)

[Statistical analysis and reference standards of samples in toxicological and hygienic studies] Shitikov VK, et al. **Gig Sanit** 1985 Mar;(3):61–2 (Rus)

[Use of statistical parameters for determining the distribution of random errors in laboratory practice] Makarovskiĭ VV, et al. **Lab Delo** 1985;(1):54–6 (Eng. Abstr.) (Rus)

[Significance of laboratory values in the diagnostic process] Tkach IuI. **Lab Delo** 1985;(2):119–21 (Eng. Abstr.) (Rus)

[3H-estradiol-17 beta in laboratory diagnosis] Kushlinskiĭ NE, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):60–2 (Eng. Abstr.) (Rus)

[Increased reliability of laboratory information] Pashnev VIa, et al. **Voen Med Zh** 1984 Sep;(9):51–3 (Rus)

TRENDS

Update on laboratory studies and relationship to rheumatic and allergic diseases. McCarty GA. **Ann Allergy** 1985 Sep; 55(3):421–33 (109 ref.)

A case for a high-throughput laboratory. Singer R. **Med Lab Sci** 1985 Jan;42(1):48–52

Antinuclear antibody determination: the present state of diagnostic and clinical relevance. Smeenk R, et al. **Scand J Rheumatol [Suppl]** 1985;56:78–92 (90 ref.)

[Past, present and future of clinical laboratory practice] Kawai T. **Hokkaido Igaku Zasshi** 1985 Mar;60(2):153–9 (Jpn)

[Current status and the future prospect of clinical laboratory medicine] Ageta M. **Rinsho Byori** 1984 May;32(5):467–9 (Jpn)

[New trends and directions in microbiological diagnosis. II. Semiautomated and automated diagnostic systems] Ciufecu C. **Rev Ig [Bacteriol]** 1985 Jan–Mar;30(1):71–83 (Rum)

[New trends and directions in microbiological diagnosis. I. Miniaturized systems] Ciufeca C. **Rev Ig [Bacteriol]** 1984 Oct–Dec;29(4):367–80 (Eng. Abstr.) (Rum)

UTILIZATION

Influence of patient characteristics on test ordering in general practice. Hartley RM, et al. **Br Med J [Clin Res]** 1984 Sep 22;289(6447):735–8

Diagnostic testing revisited: pathways through uncertainty. Schechter MT, et al. **Can Med Assoc J** 1985 Apr 1; 132(7):755–60

Differences in the numbers and costs of tests ordered by internists, family physicians, and psychiatrists. Linn LS, et al. **Inquiry** 1984 Fall;21(3):266–75

Efficacy of routine annual studies in the care of elderly patients. Wolf-Klein GP, et al. **J Am Geriatr Soc** 1985 May; 33(5):325–9

A method to determine attitudes of faculty members toward use of laboratory tests. Berner ES, et al. **J Med Educ** 1985 May;60(5):374–8

Teaching laboratory test use [editorial] Kassebaum DG. **J Med Educ** 1985 May;60(5):420–1

Ordering tests in the United States and England [letter] Milligan DB. **JAMA** 1985 Apr 5;253(13):1875

Out-of-hours tests: discuss first [letter] Behrman R, et al. **Lancet** 1985 Jun 8;1(8441):1334

Impact of supervision by medical teachers and in-patient test control programmes on the out-patient test utilization of residents. Everett GD. **Med Educ** 1985 Mar;19(2):138–42

[Over-utilization of tests: the responsibility of the laboratory] Lepage R, et al. **Union Med Can** 1984 Jun;113(6):526–32 (Eng. Abstr.) (Fre)

DIAGNOSIS, ORAL

EDUCATION

Curriculum guidelines for postdoctoral oral diagnosis/oral medicine. **J Dent Educ** 1985 Apr;49(4):251–5

DIAGNOSIS, PRENATAL see **PRENATAL DIAGNOSIS**

DIAGNOSIS, SURGICAL

ADVERSE EFFECTS

[Warning about considerable pain in diagnostic interventions] Teichner M. **Dtsch Med Wochenschr** 1985 Jan 18; 110(3):112–4 (Ger)

DIAGNOSTIC ERRORS

False localization of site of endocarditis by cardiac catheterization with quantitative cultures. Bennish M, et al. **Am J Clin Pathol** 1985 Jan;83(1):130–1

Reducing errors in the accident department: a simple method using radiographers. Berman L, et al. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):421–2

Urine analysis: current performance and strategies for improvement. Fraser CG. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):321–3

Should all casualty radiographs be reviewed? Wardrope J, et al. **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1638–40

Correlation between clinical and autopsy diagnoses in a community hospital. Gough J. **Can Med Assoc J** 1985 Sep 1;133(5):420–2

Potential for error in a radioimmunometric assay for placental lactogen [letter] Neethling AC, et al. **Clin Chem** 1985 Jun; 31(6):1073

Implications of misdiagnosis in field trials of vaccines. Radhakrishna S, et al. **Indian J Med Res** 1984 Dec; 80:711–20

Premature conclusions in diagnostic reasoning. Voytovich AE, et al. **J Med Educ** 1985 Apr;60(4):302–7

Failures in comprehensive diagnosis by senior medical students. Yusim S, et al. **J Med Educ** 1984 Oct; 59(10):838–40

Diagnosis, and Bayes' theorem. **Lancet** 1985 Mar 23; 1(8430):705–6

Colposcopic accuracy in the diagnosis of microinvasive and occult invasive carcinoma of the cervix. Benedet JL, et al. **Obstet Gynecol** 1985 Apr;65(4):557–62

Clinical diagnosis: a post-mortem assessment of accuracy in the 1980s. Mercer J, et al. **Postgrad Med J** 1985 Aug; 61(718):713–6

[Errors in the encoding of x-ray findings] Moilanen A. **Rontgenpraxis** 1985 Apr;38(4):139–40 (Ger)

[Gray zones in colonoscopy] Brändli H. **Schweiz Rundsch Med Prax** 1984 Oct 30;73(44):1327–31 (Eng. Abstr.) (Ger)

[Examples of failures in forensic medicine] Dzida J, et al. **Patol Pol** 1984 Jul–Sep;35(3):383–8 (Pol)

[Use of statistical parameters for determining the distribution of random errors in laboratory practice] Makarovskiĭ VV, et al. **Lab Delo** 1985;(1):54–6 (Eng. Abstr.) (Rus)

[Urodynamic exploration of neurogenic bladder. Causes of error in the urodynamic study] Gallego Gómez J, et al. **Arch Esp Urol** 1985 Jan–Feb;38(1):41–50 (Eng. Abstr.) (Spa)

[Pseudothrombocytopenia as the cause of an erroneous diagnosis of Werlhof's disease] Casals FJ, et al. **Med Clin (Barc)** 1985 May 11;84(18):721–6 (Eng. Abstr.) (Spa)

[Pseudothrombocytopenia caused by extraction of the blood using ethylenediaminetetraacetic acid (EDTA). A cause of diagnostic error] Feliu E, et al. **Med Clin (Barc)** 1985 May 11;84(18):738–9 (Spa)

[Pseudothrombocytopenia caused by EDTA; a possible cause of an erroneous diagnosis of Werlhof's disease (letter)] Gardella S, et al. **Med Clin (Barc)** 1985 May 11;84(18):755 (Spa)

[Pseudothrombocytopenia and pseudoleukocytosis (letter)] Grau Segura E, et al. **Med Clin (Barc)** 1985 May 11; 84(18):754 (Spa)

[EDTA-dependent thrombocytopenia (letter)] Muga Bustamante R, et al. **Med Clin (Barc)** 1985 May 11; 84(18):754–5 (Spa)

DIAGNOSTIC REAGENT KITS see **REAGENT KITS, DIAGNOSTIC**

DIAGNOSTIC SERVICES

A haematuria diagnostic service in a district general hospital. Talbot RW, et al. **Ann R Coll Surg Engl** 1984 Sep; 66(5):348–50

High-tech promises low-cost diagnostics. **Hospitals** 1985 Jun 1;59(11):40, 42

Reliability of contact-thermogram reading services. London RS, et al. **J Reprod Med** 1984 Sep;29(9):686–8

[Experience with introduction of an instrumental-diagnostic complex in outpatient clinics] Belenkov IuN, et al. **Ter Arkh** 1984;56(8):8–11 (Eng. Abstr.) (Rus)

[A diagnostic center within the framework of socialist health services] Preiner T. **Cesk Zdrav** 1985 Jan;33(1):9–15 (Eng. Abstr.) (Slo)

MANPOWER

[Consultative-diagnostic services of medical school specialists] Miniaev VA, et al. **Sov Zdravookhr** 1984; (12):44–7 (Eng. Abstr.) (Rus)

ORGANIZATION & ADMINISTRATION

Threat to the *PHLS* [letter] Turner GC. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):787

[Organization of endoscopic examinations of outpatients and inpatients] Sotnikov VN. **Sov Zdravookhr** 1984;(11):33–7 (Eng. Abstr.) (Rus)

[Organizational aspects of the use of x-ray studies] Vlasov PV. **Sov Zdravookhr** 1984;(9):22–7 (Eng. Abstr.) (Rus)

[Experience with the organization of a specialized diagnostic center in a regional hospital] Obukhov OA, et al. **Vestn Rentgenol Radiol** 1984 Jul–Aug;(4):78–80 (Rus)

STANDARDS

The bleeding time: current practice in the UK. Poller L, et al. **Clin Lab Haematol** 1984;6(4):369–73

[Causes of diagnostic difficulties in geriatrics] Tokmachev IuK, et al. **Sov Med** 1985;(1):93–8 (Rus)

SUPPLY & DISTRIBUTION

[Status and tasks of x-ray services to the rural population of the Ukrainian SSR] Pozmogov AI, et al. **Vestn Rentgenol Radiol** 1984 Jul–Aug;(4):76–8 (Rus)

TRENDS

[Methodological aspects of high specialization in diagnosis] Cherkasov SV. **Ter Arkh** 1985;57(2):127–30 (Rus)

UTILIZATION

The effects of physicians' training and personality on test ordering for ambulatory patients. Epstein AM, et al. **Am J Public Health** 1984 Nov;74(11):1271–3

PPS spurs changes in lab practices. Parkhurst EW Jr, et al. **Hospitals** 1985 Feb 1;59(3):49–50

The use of hospital facilities in general practice: a survey. Powderly B, et al. **Ir Med J** 1984 Aug;77(8):256–7

Optimum distribution of diagnostic-specific technology. Ozatalay S, et al. **J Med Syst** 1984 Aug;8(4):249–64

Diagnostic overkill [editorial] Hutten H. **Med Prog Technol** 1985;10(4):181–2

[Excessive examination of patients] Shteingardt IuN, et al. **Klin Med (Mosk)** 1985 Mar;63(3):129–32 (Eng. Abstr.) (Rus)

DIAGNOSTIC TESTS, ROUTINE

The routine use of investigations in elderly psychiatric patients. Colgan J, et al. **Age Ageing** 1985 May;14(3):163–7

Prospective trial of a new diagnostic criterion for severe wasting malnutrition in the elderly. Friedman PJ, et al. **Age Ageing** 1985 May;14(3):149–54

Routine chest radiography in the elderly. Gupta SD, et al. **Age Ageing** 1985 Jan;14(1):11–4

When should we request radionuclide brain scans in elderly patients? Jaspan T, et al. **Age Ageing** 1985 May;14(3):179–83

Medical examination of children referred for special education. Heymann PW, et al. **Am J Dis Child** 1985 Feb; 139(2):152–4

Measures of gain in certainty from a diagnostic test. Connell FA, et al. **Am J Epidemiol** 1985 May;121(5):744–53

Yield of routine annual laboratory screening in the institutionalized elderly. Domoto K, et al. **Am J Public Health** 1985 Mar;75(3):243–5

The yield of the routine admission electrocardiogram. A study in a general medical service. Moorman JR, et al. **Ann Intern Med** 1985 Oct;103(4):590–5

The value of routine X-rays in dementia [letter] Renvoize EB, et al. **Br J Psychiatry** 1985 May;146:560

Do emergency tests help in the management of acute medical admissions? [letter] **Br Med J [Clin Res]** 1984 Nov 17; 289(6455):1379–80

Containing the use of diagnostic tests [editorial] Fowkes FG. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):488–90

Should visual field examination be a routine part of ophthalmic practice? Gutteridge IF. **Doc Ophthalmol** 1985 Jun 30;59(4):323–39

Ultrasound imaging during pregnancy. Gold RB. **Fam Plann Perspect** 1984 Sep–Oct;16(5):240–3

Computer-aided selection of diagnostic tests in jaundiced patients. Saint-Marc Girardin MF, et al. **Gut** 1985 Sep; 26(9):961–7

Bank offers onsite preadmission testing. Powills S. **Hospitals** 1985 Aug 16;59(16):150–1

Dedicated preadmission testing center cuts costs, LOS. Sabin M. **Hospitals** 1985 Mar 16;59(6):66, 70

Hospital-wide screening improves basis for nutrition intervention. Christensen KS, et al. **J Am Diet Assoc** 1985 Jun;85(6):704–6

A simple nutrition screening procedure for hospital patients. Hunt DR, et al. **J Am Diet Assoc** 1985 Mar;85(3):332–5

Assessment of cognitive deficit in geriatric patients. A study of physician behavior. McCartney JR, et al. **J Am Geriatr Soc** 1985 Jul;33(7):467–71

Routine screening for gestational diabetes reconsidered [editorial] Scherger JE, et al. **J Fam Pract** 1985 Sep; 21(3):177–8

The usefulness of preoperative laboratory screening. Kaplan EB, et al. **JAMA** 1985 Jun 28;253(24):3576–81

Is there a need for routine preoperative laboratory tests? [editorial] Lundberg GD. **JAMA** 1985 Jun 28;253(24):3589

The utilization of BMR measurements as a routine diagnostic procedure in normal health maintenance. Lee WE, et al. **Med Hypotheses** 1985 Feb;16(2):147–54

Use of the initial electrocardiogram to predict in-hospital complications of acute myocardial infarction. Brush JE Jr, et al. **N Engl J Med** 1985 May 2;312(18):1137–41

More on diagnostic restraint [letter] Schor EL, et al. **N Engl J Med** 1984 Oct 25;311(17):1128

[Report on Preoperative Laboratory Studies] Schreuder C. **Ned Tijdschr Geneeskd** 1984 Dec 15;128(50):2356–7 (Dut)

[Preoperative internal medicine examination in gynecology]

Fischer JT. **Gynakologe** 1985 Mar;18(1):2–14 (Ger)
[Use of routine tests in hospital practice] Pandolfo G, et al. **Recenti Prog Med** 1985 Feb;76(2):65–70 (Eng. Abstr.) (Ita)
[Evaluation of 100 radiographs in a medical department of a plant in Greater São Paulo] Teixeira WR, et al. **Rev Paul Med** 1985 Jan–Feb;103(1):41–3 (Eng. Abstr.) (Por)

ECONOMICS

On routine urine sediment examinations [letter] Kortschak PL. **Am J Clin Pathol** 1985 Mar;83(3):405–6
Modifying test-ordering behavior in the outpatient medical clinic. A controlled trial of two educational interventions. Marton KI, et al. **Arch Intern Med** 1985 May;145(5):816–21
Is unselective biochemical urine testing cost effective? Zilva JF. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):323–5
Why rule out unlikely diagnoses? [letter] Adamiak EJ. **Can Med Assoc J** 1984 Oct 15;131(8):848–9
Diagnostic testing program saves time and money. Thomson L. **Dimens Health Serv** 1984 Aug;61(8):36–7
Group diversity as a threat to individual economy in ordering diagnostic procedures. Donaldson RM Jr, et al. **Trans Assoc Am Physicians** 1984;97:134–9
[Demand and supply in the laboratory diagnosis of thyroid gland function] Wiersinga WM, et al. **Ned Tijdschr Geneeskd** 1985 Jun 8;129(23):1088–93 (Eng. Abstr.) (Dut)

METHODS

Blind use of the double-lumen plugged catheter for diagnosis of respiratory tract infections in critically ill children. Zucker A, et al. **Crit Care Med** 1984 Oct;12(10):867–70
[Clinicopathological evaluation of in vivo methylene blue staining for the diagnosis of early gastric cancer and application of the method to routine endoscopic examination] Matsuyama K. **Igaku Kenkyu** 1984 Apr;54(4):401–22 (Eng. Abstr.) (Jpn)

STANDARDS

Urine analysis: current performance and strategies for improvement. Fraser CG. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):321–3
Wasted resources. Investigations. Todd JW. **Lancet** 1984 Nov 17;2(8412):1146–7
The impact of routine admission chest X-ray films on patient care [letter] **N Engl J Med** 1985 Jul 25;313(4):262–4
The impact of routine admission chest x-ray films on patient care. Hubbell FA, et al. **N Engl J Med** 1985 Jan 24;312(4):209–13
Recommendations for routine cervical screening. Skegg DC, et al. **NZ Med J** 1985 Aug 14;98(784):636–9
[Guidelines for preoperative laboratory studies in healthy patients (ASA I). Commission Preoperative Laboratory Studies of the Academic Medical Center in Amsterdam] **Ned Tijdschr Geneeskd** 1984 Dec 15;128(50):2353–6 (Dut)

UTILIZATION

Increased recognition of infectious diseases in US hospitals through increased use of diagnostic tests, 1970–1976. Haley RW, et al. **Am J Epidemiol** 1985 Feb;121(2):168–81
Do emergency tests help in the management of acute medical admissions? Sandler G. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):973–7

DIALYSIS

Treatment of dialysis membranes for simultaneous dialysis and concentration. Richmond VL, et al. **Anal Biochem** 1985 Mar;145(2):343–50
Determination of aluminium in dialysate fluids by atomic-absorption spectrometry with electrothermal atomisation. Halls DJ, et al. **Analyst** 1985 Mar;110(3):243–6
Dialysis-induced transformation of mouse submandibular androgen-receptor. Sato N, et al. **Biochem Int** 1985 May;10(5):771–6
Chemical and physical evaluation of dialyzed-reconstituted acidified gelatin surface lesions of human enamel. Feagin FF, et al. **Caries Res** 1985;19(3):219–27
Pharmacokinetics and nondialyzability of mexiletine in renal failure. Wang T, et al. **Clin Pharmacol Ther** 1985 Jun;37(6):649–53
The role of controversy in the progress of ESRD patients. Klinkmann H, et al. **Contrib Nephrol** 1985;44:1–13 (25 ref.)
Dissolution dialysis studies of metronidazole-montmorillonite adsorbates. Shrivastava R, et al. **J Pharm Sci** 1985 Feb;74(2):214–6
Evaluation of equilibrium dialysis volume shifts: a comment. Curry SH, et al. **J Pharmacokinet Biopharm** 1984 Aug;12(4):463–5
Asymptomatic pericardial effusion in uremic patients: effect of long-term dialysis. Frommer JP, et al. **Nephron** 1985;39(4):296–301
Stenotic lesions in dialysis-access fistulas: treatment by transluminal angioplasty using high-pressure balloons. Glanz S, et al. **Radiology** 1985 Jul;156(1):236
[Dialysis and transplantation in the treatment of 36 patients with insulin dependent diabetes mellitus and terminal uremia] Andersen AR, et al. **Ugeskr Laeger** 1985 Mar 25;147(13):1102–4 (Eng. Abstr.) (Dan)
[Ascites as a complication of hepatic storage of hydroxyethyl starch in long-term dialysis] Pfeifer U, et al. **Klin Wochenschr** 1984 Sep 17;62(18):862–6 (Eng. Abstr.) (Ger)

ADVERSE EFFECTS

Brain gamma-aminobutyric acid deficiency in dialysis encephalopathy. Sweeney VP, et al. **Neurology** 1985 Feb;35(2):180–4

INSTRUMENTATION

Rotary dialysis: its application to the preparation of large liposomes and large proteoliposomes (protein-lipid vesicles) with high encapsulation efficiency and efficient reconstitution of membrane proteins. Gould-Fogerite S, et al. **Anal Biochem** 1985 Jul;148(1):15–25
New hollow-fiber dialyzers. Sigdell JE. **Artif Organs** 1985 Feb;9(1):69–70

METHODS

A simplified method for the calculation of unbound or free testosterone by equilibrium dialysis of undiluted plasma. Mathor MB, et al. **Clin Chim Acta** 1985 Jan 30;145(2):213–8
Dopamine release and metabolism in awake rats after systemic neuroleptics as studied by trans-striatal dialysis. Imperato A, et al. **J Neurosci** 1985 Feb;5(2):297–306
[A comparison of the measurements of serum free triiodothyronine concentration by Amerlex Free T3 RIA kit and by equilibrium dialysis method] Konno N, et al. **Kaku Igaku** 1984 Jun;21(6):687–95 (Eng. Abstr.) (Jpn)
[Use of gastrointestinal dialysis in the treatment of chronic renal failure] Bubiński R, et al. **Wiad Lek** 1984 Sep 15;37(18):1421–5 (19 ref.) (Eng. Abstr.) (Pol)
[Use of a suspension of allogeneic liver cells in treating patients with acute liver and liver-kidney failure] Komarov BD, et al. **Khirurgiia (Mosk)** 1985 Jan;(1):34–7 (Eng. Abstr.) (Rus)

VETERINARY

Continuous-flow hollow-fiber dialysis system for preparation of bovine carrier erythrocytes. DeLoach JR. **Am J Vet Res** 1985 May;46(5):1089–91
[Dialysis for quantitative protein determination in sow urine] Hambitzer R, et al. **Zentralbl Veterinarmed [A]** 1985 Jun;32(6):459–66 (Eng. Abstr.) (Ger)

DIALYSIS, EXTRACORPOREAL see **HEMODIALYSIS**

DIAMANTANE see **ADAMANTANE**

DIAMFENETIDE see under **ACETANILIDES**

DIAMIDE see under **AZO COMPOUNDS**

DIAMINE OXIDASE see **HISTAMINASE**

DIAMINES

Inhibition of pokeweed mitogen-induced B cell differentiation by compounds containing primary amine or hydrazine groups. de Boccardo G, et al. **Clin Exp Immunol** 1985 Jan;59(1):69–76
A new rapid and simple assay for factor XIII activity using dansylcadaverine incorporation and gel filtration. Nishida Y, et al. **Thromb Res** 1984 Oct 15;36(2):123–31
[Effects of mono dansyl cadaverine on platelet aggregations, blood coagulations and erythrocyte deformabilities] Hayakawa M, et al. **Nippon Ronen Igakkai Zasshi** 1985 Mar;22(2):144–50 (Eng. Abstr.) (Jpn)

ANALYSIS

Californium-252 plasma-desorption mass spectrometry of polymethylenediamine-linked enkephalin peptides. Fales HM, et al. **Anal Chem** 1985 Jul;57(8):1616–21
[Concentration profiles of putrescine and cadaverine in inoculated vacuum packed beef] Slemr J, et al. **Z Lebensm Unters Forsch** 1984 Oct;179(4):305–7 (Eng. Abstr.) (Ger)

BIOSYNTHESIS

Formation of cadaverine as an effect of alpha-difluoromethylornithine on chick embryo fibroblasts transformed by rous sarcoma virus. Bachrach U, et al. **Cancer Res** 1985 May;45(5):2159–64
Putrescine and cadaverine formation in vacuum packed beef. Edwards RA, et al. **J Appl Bacteriol** 1985 Jan;58(1):13–9
[Cadaverine and its possible role in parasite and host interrelations in ascaridiasis] Driuchenko EA, et al. **Parazitologiia** 1984 Jul–Aug;18(4):291–5 (Eng. Abstr.) (Rus)

CHEMICAL SYNTHESIS

1-Halophenyl-N,N'-di-(2-heteroaryl)-methylendiamines and 1-halophenyl-3-(2-heteroaryl)-thiazolidin-4-ones as potential hypotensive agents. Chimirri A, et al. **Boll Chim Farm** 1984 Sep;123(9):416–24
[Synthesis and H2-antihistaminic effect of N,N'-bisheteroaryl N,N'-bisheteroaryl-substituted cyanoguanidines and 2-nitro-1,1-ethenediamines. 17. H2-antihistaminics] Borchers A, et al. **Arzneimittelforsch** 1984;34(7):751–4 (Eng. Abstr.) (Ger)

ISOLATION & PURIFICATION

Separation of cadaverine from putrescine, histamine and polyamines in rat kidney by phosphocellulose chromatography. Furuta H, et al. **J Chromatogr** 1985 Jan 11;337(1):103–9

METABOLISM

Structure of angiotensin II-binding site probed with diaminoalkanes. Imai N, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):452–7
Biosynthesis of 5-aminopentanoic acid and 2-piperidone from cadaverine and 1-piperideine in mouse. Callery PS, et al. **J Neurochem** 1984 Dec;43(6):1631–4

PHARMACODYNAMICS

The effect of 1,3-diaminopropane on the urinary excretion of spermidine in the mouse. Persson L, et al. **Agents Actions** 1984 Oct;15(3–4):235–7
Enhancement of lymphocyte blastogenesis and neutrophil function by avridine in dexamethasone-treated and nontreated cattle. Roth JA, et al. **Am J Vet Res** 1985 Jan;46(1):53–7
Inhibition of growth of Mycoplasma dispar by DL-alpha-difluoromethyllsine, a selective irreversible inhibitor of lysine decarboxylase, and reversal by cadaverine (1,5-diaminopentane). Pösö H, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):205–10
Stabilization of human prostatic acid phosphatase by cross-linking with diamines. Dziembor-Gryszkiewicz E, et al. **Biochem Int** 1983 May;6(5):627–33
Trypanosomatid iron-superoxide dismutase inhibitors. Selectivity and mechanism of N1,N6-bis(2,3-dihydroxybenzoyl)-1,6-diaminohexane. Meshnick SR, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3147–52
The effect of ETH 1001 on ion fluxes across red blood cell membranes. Hinds TR, et al. **Cell Calcium** 1985 Jun;6(3):265–79
Antiviral activity of CP-20,961 against herpes simplex viruses in vitro. Zheng ZM, et al. **Intervirology** 1985;23(1):44–50
Dissociative effects of a novel immunomodulating agent (CP-20, 961) on host defenses of mice. Wing EJ, et al. **J Immunopharmacol** 1984;6(4):339–58
N-2,3-Butadienyl-1,4-butanediamine derivatives: potent irreversible inactivators of mammalian polyamine oxidase. Bey P, et al. **J Med Chem** 1985 Jan;28(1):1–2
Reversal of the growth inhibitory effect of alpha-difluoromethylornithine by putrescine but not by other divalent cations. Oredsson SM, et al. **Mol Cell Biochem** 1984 Sep;64(2):163–72
Inhibition of synaptosomal uptake of amino acid transmitters by diamines. Strain GM, et al. **Neuropharmacology** 1984 Aug;23(8):971–5
Differentiation of murine erythroleukemia cells by hexamethylenebisamide analogues. Matsuo T, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):926–37
Effects of N-propionylcadaverine on the visual and central nervous systems of the mouse. Uyeno ET, et al. **Proc West Pharmacol Soc** 1984;27:55–7
[Interaction of various nucleotide-dependent enzymes with bifunctional analogs of ATP, derivatives of polymethylene diamines] Nevinskii GA, et al. **Mol Biol (Mosk)** 1985 Mar–Apr;19(2):467–78 (Eng. Abstr.) (Rus)

PHYSIOLOGY

Effects of N-propionylcadaverine on the visual and central nervous systems of the mouse. Uyeno ET, et al. **Proc West Pharmacol Soc** 1984;27:55–7

TOXICITY

The teratogenic effects of a bis(dichloroacetyl)diamine on hamster embryos. Aortic arch anomalies and the pathogenesis of the DiGeorge syndrome. Binder M. **Am J Pathol** 1985 Feb;118(2):179–93
Antitumor properties of (2R,5R)-6-heptyne-2,5-diamine, a new potent enzyme-activated irreversible inhibitor of ornithine decarboxylase, in rodents. Bartholeyns J, et al. **Cancer Res** 1984 Nov;44(11):4972–7

URINE

An enzymatic differential assay for urinary diamines, spermidine, and spermine. Otsuji S, et al. **J Cancer Res Clin Oncol** 1985;109(2):115–21

DIAMINO AMINO ACIDS see **AMINO ACIDS, DIAMINO**

3,3'-DIAMINOBENZIDINE see under **BENZIDINES**

DIAMINODIETHYLDISULFIDE see **CYSTAMINE**

DIAMINODIPHENYLSULFONE see **DAPSONE**

DIAMINOPIMELIC ACID see under **AMINO ACIDS, DIAMINO**

DIAMORPHINE see **DIACETYLMORPHINE**

DIANHYDROGALACTITOL see under **SUGAR ALCOHOLS**

DIANISIDINE see under **BENZIDINES**

DIANISYL TRICHLOROETHANE see **METHOXYCHLOR**

DIAPER RASH

CHEMICALLY INDUCED

[Caustic diaper dermatitis and encephalitis secondary to the application of talcum contaminated with hexachlorophene] Larrègue M, et al. **Ann Dermatol Venereol** 1984; 111(9):789–97 (Eng. Abstr.) (Fre)

DRUG THERAPY

Precocious puberty due to a diaper ointment. Healy CE. **Indiana Med** 1984 Aug;77(8):610

Corn starch, Candida albicans, and diaper rash. Leyden JJ. **Pediatr Dermatol** 1984 Apr;1(4):322–5

METABOLISM

Hair zinc, scalp hair quantity, and diaper rash in normal infants. Collipp PJ, et al. **Cutis** 1985 Jan;35(1):66–70

MICROBIOLOGY

Dermatophyte infection in the diaper area: report of two cases. Hayden GF. **Pediatr Infect Dis** 1985 May–Jun; 4(3):289–91

THERAPY

Danger of egg white treatment for nappy rash [letter] Court J, et al. **Arch Dis Child** 1984 Sep;59(9):908

DIAPHANOSCOPY see **TRANSILLUMINATION**

DIAPHORASE see **LIPOAMIDE DEHYDROGENASE**

DIAPHRAGM

Diaphragmatic coronary lesion mimics significant coronary stenosis: a report of four cases. Haraphongse M, et al. **Cathet Cardiovasc Diagn** 1985;11(2):173–9

Rapid development of obstructive sleep apnea following hemidiaphragmatic and unilateral vocal cord paralysis as a complication of mediastinal surgery. Hoffstein V, et al. **Chest** 1985 Jul;88(1):145–7

Computed tomography of diaphragmatic lipoma. Castillo M, et al. **J Comput Tomogr** 1985 Apr;9(2):167–70

Diaphragmatic myasthenia in mother and child. Mier AK, et al. **Postgrad Med J** 1985 Aug;61(718):725–7

[Significance of the diaphragm in disseminating insidious inflammatory diseases of the abdominal organs] Eschbach H. **Radiol Diagn (Berl)** 1984;25(6):751–62 (Eng. Abstr.) (Ger)

[Lipoma of the diaphragm: tomodensitometric diagnosis] Boraschi R. **Radiol Med (Torino)** 1984 Jan–Feb; 70(1–2):57–8 (Ita)

[An autopsy case of malignant mesenchymoma of the diaphragm] Oyaizu N, et al. **Gan No Rinsho** 1985 Jul; 31(8):976–81 (Eng. Abstr.) (Jpn)

[Diagnosis and treatment of surgical diseases of the diaphragm] Vagner EA, et al. **Khirurgiia (Mosk)** 1984 Oct; (10):69–74 (Eng. Abstr.) (Rus)

ABNORMALITIES

A report of two cases of congenital abnormal rightsided high insertion of the diaphragm. Corneillie P, et al. **Acta Chir Belg** 1985 Jan–Feb;85(1):17–24

A family study of congenital diaphragmatic defects. Czeizel A, et al. **Am J Med Genet** 1985 May;21(1):105–17

Pulmonary and diaphragmatic agenesis: report of affected sibs. Toriello HV, et al. **Am J Med Genet** 1985 May; 21(1):87–92

Two sibs with bilateral diaphragmatic defect. Schubert-Staudacher E, et al. **Clin Genet** 1984 Nov; 26(5):485–7

Phreno-oesophageal muscle anomaly or rudimentary oesophageal sphincter? Ashour M, et al. **J R Coll Surg Edinb** 1984 Nov;29(6):387–8

[Postoperative pneumothorax following interventions for diaphragmatic hernias and defects] Hecker WC, et al. **Chirurg** 1985 May;56(5):319–21 (Eng. Abstr.) (Ger)

[Familial congenital diaphragmatic defect] Reinbold WD, et al. **ROFO** 1985 Aug;143(2):244–6 (Ger)

[Hepatic diaphragmatic interposition—Chilaiditi syndrome] Werner E. **Z Erkr Atmungsorgane** 1984;163(2):198–9 (Eng. Abstr.) (Ger)

[Hepato-diaphragmatic dysmorphism. Description of a clinical case] Defilippi C, et al. **Minerva Pediatr** 1984 Dec 31;36(23–24):1195–7 (Eng. Abstr.) (Ita)

[Hepato-diaphragmatic interposition of the colon (Chilaiditi syndrome)] Zecca G, et al. **Pediatr Med Chir** 1984 Jan–Feb; 6(1):151–4 (Eng. Abstr.) (Ita)

ANALYSIS

Depletion of total acetylcholine by hemicholinium-3 in isolated rat diaphragm is less in the presence of dexamethasone. Veldsema-Currie RD, et al. **Brain Res** 1984 Dec 24;324(2):305–12

Evaluation of microwave irradiation technique to quantitate acetylcholine in the diaphragm. Modak AT, et al. **J Pharmacol Methods** 1985 Aug;14(1):75–8

ANATOMY & HISTOLOGY

Variations of diaphragmatic crura in primates. Kubasik-Juraniec J, et al. **Folia Morphol** 1984;43(4):343–8

Suggestive evidence for a functional unit between mast cells and substance P fibers in the rat diaphragm and mesentery. Skofitsch G, et al. **Histochemistry** 1985;82(1):5–8

The diaphragmatic echo complex: an in vitro study. Fried AM, et al. **Invest Radiol** 1985 Jan–Feb;20(1):62–7

Posterior hepatodiaphragmatic interposition of the colon: ultrasonographic and computed tomographic appearance. Auh YH, et al. **J Ultrasound Med** 1985 Mar;4(3):113–7

BLOOD SUPPLY

Effect of growth on muscle capillarity and fiber type composition in rat diaphragm. Tamaki N. **Eur J Appl Physiol** 1985;54(1):24–9

Effects of pleural pressure and abdominal pressure on diaphragmatic blood flow. Buchler B, et al. **J Appl Physiol** 1985 Mar;58(3):691–7

Effects of contraction frequency and duty cycle on diaphragmatic blood flow. Buchler B, et al. **J Appl Physiol** 1985 Jan;58(1):265–73

[Intraabdominal hemorrhage as an unusual complication of liver cirrhosis] Fröhlich A, et al. **Orv Hetil** 1985 Aug 25; 126(34):2101–3 (Eng. Abstr.) (Hun)

DRUG EFFECTS

Effects of aminophylline on diaphragmatic fatigue during acute respiratory failure [letter] Belman MJ. **Am Rev Respir Dis** 1984 Oct;130(4):695

Aminophylline and its influence on ventilatory endurance in humans. Belman MJ, et al. **Am Rev Respir Dis** 1985 Feb;131(2):226–9

Effects of aminophylline, isoproterenol, and neostigmine on hypercapnic depression of diaphragmatic contractility. Howell S, et al. **Am Rev Respir Dis** 1985 Aug;132(2):241–7

Effects of aminophylline on diaphragmatic dysfunction after upper abdominal surgery. Dureuil B, et al. **Anesthesiology** 1985 Mar;62(3):242–6

Aminophylline and the respiratory muscles. Moxham J, et al. **Bull Eur Physiopathol Respir** 1985 Jan–Feb;21(1):1–6 (23 ref.) (Eng, Fre)

Action of nicotine on the respiratory activity of the diaphragm and genioglossus muscles and the nerves that innervate them. Haxhiu MA, et al. **Respir Physiol** 1984 Aug;57(2):153–69

Effect of aminophylline on the human diaphragm. Moxham J, et al. **Thorax** 1985 Apr;40(4):288–92

EMBRYOLOGY

Protein turnover in heart and diaphragm of rat fetus. Johnson JD, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):E781–5

ENZYMOLOGY

Temporal changes after death in primate diaphragm muscle oxidative enzyme activity. Maxwell LC, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1147–51

Metabolic enzymatic activities in the diaphragm of normal men and patients with moderate chronic obstructive pulmonary disease. Sánchez J, et al. **Bull Eur Physiopathol Respir** 1984 Nov–Dec;20(6):535–40

INJURIES

Blunt traumatic rupture of the right hemidiaphragm: experience in 12 patients. Estrera AS, et al. **Ann Thorac Surg** 1985 Jun;39(6):525–30

Free pleuroperitoneal liquid movement indicating diaphragmatic tear. Czerniak A, et al. **Injury** 1985 Jan; 16(4):230–1

Right diaphragmatic rupture following blunt abdominal injury—a case report. De Maeseneer M, et al. **Injury** 1985 May;16(6):389–90

Non-left sided diaphragmatic rupture due to blunt trauma. Flancbaum L, et al. **Surg Gynecol Obstet** 1985 Sep; 161(3):266–70

Traumatic intrapericardial diaphragmatic rupture. Callejas MA, et al. **Thorac Cardiovasc Surg** 1984 Dec;32(6):376–8

[Traumatic diaphragmatic ruptures] Lauterjung KL, et al. **Chirurg** 1985 Mar;56(3):140–6 (Ger)

[Traumatic rupture of the diaphragm. Diagnostic problems and surgical therapy] Abrescia F, et al. **Chir Ital** 1983 Apr; 35(2):204–9 (Eng. Abstr.) (Ita)

[Open pneumothorax, rupture of the diaphragm and liver by a foreign body] Egiazarian VF, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):129 (Rus)

[Rupture of the right cupola of the diaphragm in multiple injury] Zaberskii LT, et al. **Khirurgiia (Mosk)** 1984 Sep; (9):134–5 (Rus)

[Diaphragmatic injuries in multiple trauma] Zhenzil' ZD, et al. **Klin Khir** 1985 May;(5):64 (Rus)

INNERVATION

Cervical dorsal root ganglion cells with collaterals to both shoulder skin and the diaphragm. A fluorescent double labelling study in the rat. A model for referred pain? Laurberg S, et al. **Brain Res** 1985 Apr 1;331(1):160–3

Dexamethasone affects radioactive choline uptake in rat diaphragm nerve endings and not in muscle fibres. Veldsema-Currie RD, et al. **Brain Res** 1985 Feb 11; 327(1–2):340–3

Phrenic nerve conduction times and twitch pressures of the human diaphragm. McKenzie DK, et al. **J Appl Physiol** 1985 May;58(5):1496–504

Diaphragm pacing in the treatment of ventilatory failure. Kotzé PL, et al. **S Afr Med J** 1985 Aug 17;68(4):223–4

[Stimulation-detection electromyography in kinetic and postural abnormalities of the diaphragm] Delhez L. **Acta Belg Med Phys** 1985 Jan–Mar;8(1):15–9 (Eng. Abstr.) (Fre)

[Long-term continuous electric stimulation of the phrenic nerve] Ul'kin SV. **Anesteziol Reanimatol** 1984 Nov–Dec; (6):28–32 (Eng. Abstr.) (Rus)

METABOLISM

[Mechanism of impairment of energy metabolism in respiratory muscles in experimental botulism] Morrison VV. **Vopr Med Khim** 1985 May–Jun;31(3):64–7 (Eng. Abstr.) (Rus)

PARASITOLOGY

[Combined echinococcosis of the liver and diaphragm] Kots EB. **Khirurgiia (Mosk)** 1984 Jul;(7):140–2 (Rus)

PATHOLOGY

Leiomyosarcoma of the diaphragm—a case report. Parker MC. **Eur J Surg Oncol** 1985 Jun;11(2):171–5

Effects of prolonged undernutrition on structure and function of the diaphragm. Kelsen SG, et al. **J Appl Physiol** 1985 Apr;58(4):1354–9

Diaphragm in cot death [letter] Kibblewhite KE, et al. **NZ Med J** 1985 Jul 24;98(783):606

Incidence and aetiology of a raised hemidiaphragm after cardiopulmonary bypass. Large SR, et al. **Thorax** 1985 Jun; 40(6):444–7

[Primary-multiple combined echinococcosis in a child] Gireev GI, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):140–1 (Rus)

PHYSIOLOGY

Influence of central chemoreceptor afferent inputs on respiratory muscle activity. Haxhiu MA, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R266–73

The assessment of diaphragmatic contractility [editorial] Macklem PT. **Anesthesiology** 1985 Mar;62(3):229–30

Electromyographic study of the cat's diaphragm during oesophageal distension. Aziz HA, et al. **Aust Vet J** 1984 Aug;61(8):254–6

Respiratory EMG findings in relation to periodic breathing in infants. O'Brien MJ. **Early Hum Dev** 1985 May; 11(1):43–60

Diaphragmatic contraction following phrenic nerve stimulation evaluated by cine-fluoroscopy. Wolf E, et al. **Electromyogr Clin Neurophysiol** 1984 Aug–Sep; 24(6):491–500

Role of the diaphragm in the genesis of lower esophageal sphincter pressure in the cat. Boyle JT, et al. **Gastroenterology** 1985 Mar;88(3):723–30

Anesthesia, sedation, and the chest wall. Marsh HM, et al. **Int Anesthesiol Clin** 1984 Winter;22(4):1–12 (48 ref.)

Bilateral phrenic stimulation: a simple technique to assess diaphragmatic fatigue in humans. Aubier M, et al. **J Appl Physiol** 1985 Jan;58(1):58–64

Reflex compensation of voluntary inspiration when immersion changes diaphragm length. Banzett RB, et al. **J Appl Physiol** 1985 Aug;59(2):611–8

Coordination between rib cage muscles and diaphragm during quiet breathing in humans. De Troyer A, et al. **J Appl Physiol** 1984 Sep;57(3):899–906

Motor responses to positive-pressure breathing in the developing opossum. Farber JP. **J Appl Physiol** 1985 May; 58(5):1489–95

Responses of in vitro rat diaphragm to changes in acid-base environment. Fitzgerald RS, et al. **J Appl Physiol** 1984 Oct; 57(4):1202–10

Respiratory mechanical effects of abdominal distension. Gilroy RJ Jr, et al. **J Appl Physiol** 1985 Jun;58(6):1997–2003

Inspiratory muscle function with restrictive chest wall loading during exercise in normal humans. Hussain SN, et al. **J Appl Physiol** 1985 Jun;58(6):2027–32

Effects of separate rib cage and abdominal restriction on exercise performance in normal humans. Hussain SN, et al. **J Appl Physiol** 1985 Jun;58(6):2020–6

Inspiratory muscle forces and endurance in maximum resistive loading. Jones GL, et al. **J Appl Physiol** 1985 May; 58(5):1608–15

Effect of muscle length on electromyogram in a canine diaphragm strip preparation. Kim MJ, et al. **J Appl Physiol** 1985 May;58(5):1602–7

Reflex control of expiratory duration in newborn infants. Kosch PC, et al. **J Appl Physiol** 1985 Feb;58(2):575–81

Assessment of transdiaphragmatic pressure in humans. Laporta D, et al. **J Appl Physiol** 1985 May;58(5):1469–76

Histochemical and physiological characteristics of the rat diaphragm. Metzger JM, et al. **J Appl Physiol** 1985 Apr;58(4):1085–91

Diaphragmatic fatigue in normoxia and hyperoxia. Pardy RL, et al. **J Appl Physiol** 1985 Mar;58(3):738–42

Diaphragmatic pressures: transvenous vs. direct phrenic nerve stimulation. Planas RF, et al. **J Appl Physiol** 1985 Jul;59(1):269–73

Reflex compensation of spontaneous breathing when immersion changes diaphragm length. Reid MB, et al. **J Appl Physiol** 1985 Apr;58(4):1136–42

Arterial CO2 partial pressure affects diaphragmatic function. Schnader JY, et al. **J Appl Physiol** 1985 Mar;58(3):823–9

Decay of inspiratory muscle pressure during expiration in conscious humans. Shee CD, et al. **J Appl Physiol** 1985 Jun;58(6):1859–65

Differential costal and crural diaphragm compensation for posture changes. van Lunteren E, et al. **J Appl Physiol** 1985 Jun;58(6):1895–900

Relationship of transdiaphragmatic pressure and latencies for detecting added inspiratory loads. Zechman FW, et al. **J Appl Physiol** 1985 Jan;58(1):236–43

The diaphragm: contractile properties and fatigue. Rochester DF. **J Clin Invest** 1985 May;75(5):1397–402 (72 ref.)

Effect of thoracoabdominal configuration on the diaphragmatic contribution to rib cage motion. Park SS, et al. **Lung** 1984;162(4):205–21

Costal and crural diaphragm and intercostal muscle activity during augmented breaths in cats. Van Lunteren E, et al. **Neurosci Lett** 1985 May 23;56(3):283–8

Assessment of human diaphragm strength and activation using phrenic nerve stimulation. Bellemare F, et al. **Respir Physiol** 1984 Dec;58(3):263–77

Breathing pattern and diaphragm EMG after SO2 in rabbit intra- or extrathoracic airways. Citterio G, et al. **Respir Physiol** 1985 Feb;59(2):169–83

Laryngeal muscle and diaphragmatic activities in conscious dog pups. England SJ, et al. **Respir Physiol** 1985 Apr;60(1):95–108

Effects of position on respiratory muscle function during CO2 rebreathing. Lopata M, et al. **Respiration** 1985;47(2):98–106

The pleural interface. Hills BA. **Thorax** 1985 Jan;40(1):1–8 (47 ref.)

[An evaluation of intermittent mandatory ventilation therapy using diaphragm pacing for chronic obstructive pulmonary disease] Kido T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jul;22(7):584–8 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

Conditioning of the diaphragm with phrenic nerve stimulation after prolonged disuse. Nochomovitz ML, et al. **Am Rev Respir Dis** 1984 Oct;130(4):685–8

Ultrasound monitoring of diaphragm activity in bilateral diaphragmatic paralysis. Ambler R, et al. **Arch Dis Child** 1985 Feb;60(2):170–2

Diaphragmatic function following cervical cord injury: neurally mediated improvement. Axen K, et al. **Arch Phys Med Rehabil** 1985 Apr;66(4):219–22

Disorders of the chest wall and diaphragm. Dronen SC. **Emerg Med Clin North Am** 1983 Aug;1(2):449–68 (79 ref.)

Effects of hypocalcemia on diaphragmatic strength generation. Aubier M, et al. **J Appl Physiol** 1985 Jun;58(6):2054–61

Time domain analysis of diaphragmatic electromyogram during fatigue in men. Bower JS, et al. **J Appl Physiol** 1984 Sep;57(3):913–6

Respiratory muscle fatigue: a cause of ventilatory failure in septic shock. Hussain SN, et al. **J Appl Physiol** 1985 Jun;58(6):2033–40

Spectral analysis of the EMG and diaphragmatic muscle fatigue during periodic breathing in infants. Nugent ST, et al. **J Appl Physiol** 1985 Mar;58(3):830–3

Effects of CO2 and bronchoconstriction on costal and crural diaphragm electromyograms. van Lunteren E, et al. **J Appl Physiol** 1984 Nov;57(5):1347–53

Displacement of the diaphragmatic echo by hepatic cysts: a new explanation with computer simulation. Mayo J, et al. **J Ultrasound Med** 1984 Aug;3(8):337–40

Effect of hypophosphatemia on diaphragmatic contractility in patients with acute respiratory failure. Aubier M, et al. **N Engl J Med** 1985 Aug 15;313(7):420–4

Respiratory-muscle involvement in Parkinson's disease [letter] Estenne M, et al. **N Engl J Med** 1984 Dec 6;311(23):1516–7

The clinical status of hypophosphatemia: an update [editorial] Knochel JP. **N Engl J Med** 1985 Aug 15;313(7):447–9

Regulation of upper airway maintaining muscles during progressive asphyxia. Mathew OP, et al. **Pediatr Res** 1984 Sep;18(9):819–22

Phrenic and diaphragm function after coronary artery bypass grafting. Estenne M, et al. **Thorax** 1985 Apr;40(4):293–9

Bilateral diaphragm weakness. Spiteri MA, et al. **Thorax** 1985 Aug;40(8):631–2

[Fatigue of the respiratory muscles] Aubier M. **Presse Med** 1984 Sep 29;13(33):2009–12 (Eng. Abstr.) **(Fre)**

[Function of the respiratory muscles in acute cardiac decompensation] Aubier M, et al. **Schweiz Med Wochenschr** 1985 Feb 9;115(6):190–3 (Eng. Abstr.) **(Fre)**

RADIOGRAPHY

Computed tomography of retrocrural spaces: normal, anatomic variants, and pathologic conditions. Shin MS, et al. **AJR** 1985 Jul;145(1):81–6

CT measurements of the anterior portions of the diaphragm with illustrative abnormal cases. Patterson NW, et al. **Comput Radiol** 1985 Jan–Feb;9(1):51–5

CT demonstration of cardiophrenic angle lymphadenopathy in Hodgkin disease. Meyer JE, et al. **J Comput Assist Tomogr** 1985 May–Jun;9(3):485–8

The anterior diaphragmatic attachments: an anatomic and radiologic study with clinical correlates. Kleinman PK, et al. **Radiology** 1985 May;155(2):289–93

SURGERY

Diaphragm mobilization for closure of chest wall defects. Tsur H, et al. **Ann Plast Surg** 1984 Sep;13(3):234–8

Management of a patient after partial chest wall resection and excision of hemidiaphragm. Moorthy SS, et al. **Indiana Med** 1984 Jun;77(6):456–8

The advantages of reconstruction of the dome of the diaphragm in congenital posterolateral diaphragmatic defects. Bax NM, et al. **J Pediatr Surg** 1984 Aug;19(4):484–7

Results of diaphragmatic plication for unilateral diaphragmatic paralysis. Wright CD, et al. **J Thorac Cardiovasc Surg** 1985 Aug;90(2):195–8

The diaphragmatic vena cava cuff in hepatic transplantation. Woodle ES, et al. **Transplantation** 1985 Jul;40(1):105

[Reconstruction of a traumatic defect of the diaphragm using an artificial prosthesis in an experiment] Michek J, et al. **Rozhl Chir** 1985 May;64(5):346–9 (Eng. Abstr.) **(Cze)**

[Transposition of the diaphragm in an operation for a large irreducible diaphragmatic hernia] Feofilov GL. **Vestn Khir** 1984 Sep;133(9):60–2 **(Rus)**

DIAPHRAGMATIC EVENTRATION

COMPLICATIONS

[Congenital malformation concomitant with eventration of the diaphragmatic muscle] Petriglieri P, et al. **Arch Ital Anat Embriol** 1984 Jan–Mar;89(1):55–60 (Eng. Abstr.) **(Ita)**

DIAGNOSIS

Early prenatal sonographic appearance of rare thoraco-abdominal eventration. Seeds JW, et al. **Prenat Diagn** 1984 Nov–Dec;4(6):437–41

[Diagnosis of parietal diaphragmatic eventration by means of ultrasonography] Ikezoe J, et al. **Rinsho Hoshasen** 1984 Oct;29(10):1127–30 (Eng. Abstr.) **(Jpn)**

[A case of partial eventration of the right diaphragm simulating a mediastinal tumor] Sasaki F, et al. **Rinsho Hoshasen** 1985 Jan;30(1):125–7 (Eng. Abstr.) **(Jpn)**

[Rare forms of congenital diaphragmatic hernia and diaphragmatic relaxation in neonates and infants] Wilczyńska M. **Pediatr Pol** 1984 Oct;59(10):857–64 **(Pol)**

[Relaxation of the diaphragm and its clinical significance] Khudaibergenov AM. **Khirurgiia (Mosk)** 1984 Jul;(7):78–83 **(Rus)**

NURSING

Diaphragmatic hernia. Low stress = higher survival. Moynihan P, et al. **Am J Nurs** 1985 Jun;85(6):662–5

PATHOLOGY

[2 cases of diaphragmatic pathology] Didilescu C, et al. **Rev Ig [Pneumoftiziol]** 1984 Oct–Dec;33(4):379–84 (Eng. Abstr.) **(Rum)**

PHYSIOPATHOLOGY

[Development of children after repair of diaphragmatic hernia] Hamud K, et al. **Harefuah** 1984 Jun 1;106(11):502–5 (Eng. Abstr.) **(Heb)**

RADIONUCLIDE IMAGING

Usefulness of liver scan using 99mTc-phytate in diagnosis of partial diaphragmatic eventration. Sone T, et al. **Radiat Med** 1984 Apr–Jun;2(2):108–10

SURGERY

[Diaphragmatic hernia and eventration. Apropos of 11 surgical cases from 1970 to 1981] Ayachi K, et al. **Tunis Med** 1984 Jan–Feb;62(1):31–5 (Eng. Abstr.) **(Fre)**

THERAPY

[Bilateral congenital diaphragmatic eventration. Presentation of a clinical case] Liberatore A, et al. **Minerva Pediatr** 1985 Feb 15;37(3):131–4 (Eng. Abstr.) **(Ita)**

DIAPHRAGMATIC HERNIA see HERNIA, DIAPHRAGMATIC

DIAPHRAGMATIC HERNIA, TRAUMATIC see HERNIA, DIAPHRAGMATIC, TRAUMATIC

DIAPHRAGMATIC PARALYSIS see RESPIRATORY PARALYSIS

DIAPHYSEAL ACLASIS see EXOSTOSES, MULTIPLE

DIAPHYSEAL DYSPLASIA, PROGRESSIVE see under OSTEOCHONDRODYSPLASIAS

DIARRHEA

Diarrheal diseases. An overview. Du Pont HL. **Am J Med** 1985 Jun 28;78(6B):63–4

Annotated bibliography of Asian literature on diarrhoeal diseases. **J Diarrhoeal Dis Res** 1984 Mar;2(1):47–67

Maternal beliefs and attitudes concerning diarrhoeal disease [letter] Gupte S, et al. **J Diarrhoeal Dis Res** 1983 Jun;1(2):109

Travelers' diarrhea. NIH Consensus Development Conference. **JAMA** 1985 May 10;253(18):2700–4

Vomiting and diarrhea. Book LS. **Pediatrics** 1984 Nov;74(5 Pt 2):950–4

Travelers' diarrhea. Controversy and consensus. Lange WR, et al. **Postgrad Med** 1985 Mar;77(4):255–8, 263–5

Water related diarrhoeal diseases and infant mortality and morbidity. Symposium. **Trans R Soc Trop Med Hyg** 1985;79(3):285–90

BLOOD

Predisposition for cholera of individuals with O blood group. Possible evolutionary significance. Glass RI, et al. **Am J Epidemiol** 1985 Jun;121(6):791–6

Hyperuricemia in acute dehydrating diarrhea. Sachdev HP, et al. **Indian Pediatr** 1984 Nov;21(11):881–4

White blood cell counts in patients with Campylobacter-induced diarrhea and in controls [letter] DeWitt TG, et al. **J Infect Dis** 1985 Aug;152(2):427–8

CHEMICALLY INDUCED

Auranofin treatment of rats: adaptation to intestinal adverse effects and observations on the cytosolic distribution of gold in the intestines, liver and kidneys. Glennås A. **Acta Pharmacol Toxicol (Copenh)** 1985 May;56(5):404–9

Drug clearance by diarrhea induction. Porter RS, et al. **Am J Emerg Med** 1985 May;3(3):182–6

Laxative abuse and secretory diarrhoea. Forbes DA, et al. **Arch Dis Child** 1985 Jan;60(1):58–60

The role of accelerated colonic transit in prostaglandin-induced diarrhoea and its inhibition by prostacyclin. Rush BD, et al. **Br J Pharmacol** 1984 Sep;83(1):157–9

Phytohemagglutinin-induced diarrheal disease. Banwell JG, et al. **Dig Dis Sci** 1984 Oct;29(10):921–9

Exacerbation of diarrhea after iodinated contrast agents in a patient with VIPoma. Weinstein GS, et al. **Dig Dis Sci** 1985 Jun;30(6):588–92

Colonic secretion mediated by prostaglandin E2 and 5-hydroxytryptamine may contribute to diarrhea due to morphine withdrawal in the rat. Beubler E, et al. **Gastroenterology** 1984 Nov;87(5):1042–8

Captopril, diarrhoea, and hypotension [letter] Benett PR, et al. **Lancet** 1985 May 11;1(8437):1105

Effect of diarrhoea on a patient taking captopril [letter] McMurray J, et al. **Lancet** 1985 Mar 9;1(8428):581

Outbreak of diarrhea linked to dietetic candies—New Hampshire [news] **NC Med J** 1985 Feb;46(2):114

[Abuse of laxatives as a cause of chronic, therapy-refractory diarrhea] Breuer N, et al. **Dtsch Med Wochenschr** 1984 Oct 19;109(42):1607–9 **(Ger)**

[Chronic diarrhea caused by abuse of laxatives (letter)] Güllner HG. **Dtsch Med Wochenschr** 1985 Feb 1;110(5):197–8 **(Ger)**

[Methyldopa as the cause of prolonged diarrhea] Lilleng R. **Tidsskr Nor Laegeforen** 1985 Mar 10;105(7):518–9 **(Nor)**

[Prolonged diarrhea in a patient taking diflunisal] Olsson R. **Lakartidningen** 1984 Nov 7;81(45):4191 **(Swe)**

CLASSIFICATION

[Classification of diarrhea according to the concept of sorption] León-Barúa R. **Acta Gastroenterol Latinoam** 1984;14(2):161–3 **(Spa)**

[Classification of diarrheic syndromes in children] Vega-Franco L. **Bol Med Hosp Infant Mex** 1984 Dec;41(12):685–8 (Eng. Abstr.) **(Spa)**

COMPLICATIONS

Interaction between malnutrition and diarrhoea with particular reference to pediatric practice. Reddy V. **Indian J Gastroenterol** 1985 Jul;4(3):183–6 (38 ref.)

An evaluation of the significance of microscopic colitis in patients with chronic diarrhea. Bo-Linn GW, et al. **J Clin Invest** 1985 May;75(5):1559–69

Diarrhea associated with typhoid fever. Roy SK, et al. **J Infect Dis** 1985 Jun;151(6):1138–43

Nightblindness and vitamin A deficiency in children attending a diarrheal disease hospital in Bangladesh. Stoll BJ, et al. **J Trop Pediatr** 1985 Feb;31(1):36–9

The hypokalemic, bowel, bladder, headache relationship; a new syndrome. The role of the potassium ammonia axis. Cohen PG. **Med Hypotheses** 1984 Oct;15(2):135–40

[Sudden deafness in gastrointestinal infections: microbial genesis or autoimmune reaction?] El-Hifnawi H. **Laryngol Rhinol Otol (Stuttg)** 1984 Sep;63(9):445–7 (Eng.

Abstr.) (Ger)
[A case of PIE syndrome (pulmonary infiltration with eosinophilia) preceded by watery diarrhea and generalized urticaria] Kida Y, et al. **Kokyu To Junkan** 1985 Mar; 33(3):447-52 (Eng. Abstr.) (Jpn)
[Ambulatory treatment of the child dehydrated by acute diarrhea] Velásquez-Jones L, et al. **Bol Med Hosp Infant Mex** 1985 Apr;42(4):220-5 (Eng. Abstr.) (Spa)

CONGENITAL

Dental involvement in congenital chloride diarrhea. Kerebel LM, et al. **J Oral Pathol** 1984 Dec;13(6):692-702
Congenital Na+ diarrhea: a new type of secretory diarrhea. Holmberg C, et al. **J Pediatr** 1985 Jan;106(1):56-61

DIAGNOSIS

Evaluation and diagnosis of acute infectious diarrhea. Guerrant RL, et al. **Am J Med** 1985 Jun 28;78(6B):91-8
Cryptosporidiosis. Traveler's diarrhea in two families. Soave R, et al. **Arch Intern Med** 1985 Jan;145(1):70-2
Functional diarrhoea: the acid test [editorial] Heaton KW. **Br Med J [Clin Res]** 1985 May 4;290(6478):1298-9
Fecal leucocytes in acute diarrhea. Patel P, et al. **Indian Pediatr** 1984 Mar;21(3):191-4
Studies on clinical expression of enterotoxigenic Escherichia coli diarrhoea in Calcutta. Bhattacharya SK, et al. **J Assoc Physicians India** 1984 Dec;32(12):1049-51
Clinical and laboratory features of Yersinia, Campylobacter and Salmonella infections in children. Vesikari T, et al. **Klin Padiatr** 1985 Jan-Feb;197(1):25-9
Lactose intolerance and diarrhea: are they related? Angelides AG, et al. **Pediatr Ann** 1985 Jan;14(1):62-3, 66-7, 70-1 passim
[Infectious bacterial diarrhea: update and new agents] Lamothe F. **Union Med Can** 1984 Dec;113(12):1029-32 (Eng. Abstr.) (Fre)
[Travelers' diarrhea (turista) in Quebec tourists. Clinical and epidemiologic aspects] Martin S, et al. **Union Med Can** 1985 Mar;114(3):215-8 (Eng. Abstr.) (Fre)
[Clinical aspects and diagnosis of acute infectious diarrhea] Stalder H. **Schweiz Med Wochenschr [Suppl]** 1984;17:15-8 (Eng. Abstr.) (Ger)
[Differential diagnosis of diarrhea] Kokot F. **Przegl Lek** 1984; 41(8):537-44 (Pol)
[Acute diarrheal diseases in children. II.] Popescu V, et al. **Rev Pediatr Obstet Ginecol [Pediatr]** 1984 Oct-Dec; 33(4):289-310 (14 ref.) (Eng. Abstr.) (Rum)
[Diagnosis of the chronic diarrhea syndrome in young infants and preschoolers] Sazanova NE, et al. **Pediatriia** 1985 Jun; (6):40-2 (Rus)

DIET THERAPY

[Successful diet therapy in radiation-induced diarrhea] Rönnlund U, et al. **Lakartidningen** 1985 Mar 6;82(10):860-1 (Swe)

DRUG THERAPY

Nonfluid therapy and selected chemoprophylaxis of acute diarrhea. Du Pont HL. **Am J Med** 1985 Jun 28;78(6B):81-90 (53 ref.)
Chemotherapy and chemoprophylaxis of travelers' diarrhea [editorial] DuPont HL, et al. **Ann Intern Med** 1985 Feb; 102(2):260-1
Treatment of diabetic diarrhea with clonidine. Fedorak RN, et al. **Ann Intern Med** 1985 Feb;102(2):197-9
Diabetic diarrhea and lidamidine [letter] Goff JS. **Ann Intern Med** 1984 Dec;101(6):874-5
Furazolidone versus ampicillin in the treatment of traveler's diarrhea. DuPont HL, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):160-3
Loperamide in acute diarrhoea in childhood: results of a double blind, placebo controlled multicentre clinical trial. Diarrhoeal Diseases Study Group (UK). **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1263-7
Effect of enterocoated cholestyramine on bowel habit after ileal resection: a double blind crossover study. Jacobsen O, et al. **Br Med J [Clin Res]** 1985 May 4;290(6478):1315-8
Use of a long acting somatostatin analogue in controlling life threatening ileostomy diarrhoea. Williams NS, et al. **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1027-8
Treatment of pseudomembranous colitis and antibiotic-associated diarrhoea. Burdon DW. **J Antimicrob Chemother** 1984 Dec;14 Suppl D:103-9 (27 ref.)
Loperamide versus copamide [letter] Singh DS, et al. **J Assoc Physicians India** 1984 May;32(5):460
Treatment of Clostridium perfringens enterotoxin-associated diarrhoea with metronidazole. Borriello SP, et al. **J Infect** 1985 Jan;10(1):65-7
Studies with enterotoxigenic microorganisms: effects of candidate antidiarrhoeals in experimental animals in vivo. Burke V, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep; 3(4):585-92
The possible adverse effect of the use of aluminum hydroxide in chronic diarrhea [letter] Klein GL. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):647
Pharmacotherapy of diarrheal diseases: an approach based on physiologic principles. Donowitz M, et al. **KROC Found Ser** 1984;17:329-39 (139 ref.)
Effect of a long-acting somatostatin analogue (SMS 201-995) in a patient with pancreatic cholera. Maton PN, et al. **N Engl J Med** 1985 Jan 3;312(1):17-21
Medical management of antimicrobial-associated diarrhea and colitis. Gotz VP, et al. **Pharmacotherapy** 1982 Mar-Apr;2(2):100-9 (111 ref.)
Tenckhoff catheter administration of intraperitoneal fluid and electrolytes for long-term management of intractable ileostomy diarrhea: a case report. August DA, et al. **Surgery** 1985 Feb;97(2):237-41
[Results of a clinical study of the Hungarian preparation Imodium] Grüncharov V. **Vutr Boles** 1984;23(4):22-8 (Eng. Abstr.) (Bul)
[Antimicrobial treatment of diarrhea of infectious origin] Butzler JP. **Schweiz Med Wochenschr [Suppl]** 1984;17:29-34 (Eng. Abstr.) (Fre)
[Motility inhibitors and secretion inhibitors] Ruppin H. **Schweiz Med Wochenschr [Suppl]** 1984;17:23-8 (Eng. Abstr.) (Ger)
[Comparison of clinical usefulness of enoxacin (ENX, AT-2266) and pipemidic acid (PPA) in the treatment of acute infectious diarrhea by a double-blind method. The Japan Research Committee of Enoxacin Research Group for Acute Infectious Diarrhea] Hashimoto H, et al. **Kansenshogaku Zasshi** 1984 Oct;58(10):1114-34 (Eng. Abstr.) (Jpn)
[Comparison of clinical efficacy of ofloxacin (OFLX: DL-8280) and pipemidic acid (PPA) in acute infectious diarrhea by a double-blind method. The Japan Research Committee of Ofloxacin, Research Group for Acute Infectious Diarrhea] Saito M, et al. **Kansenshogaku Zasshi** 1984 Oct;58(10):965-81 (Eng. Abstr.) (Jpn)
[Ineffectiveness of disodium cromoglycate in the treatment of a diarrheal form of irritable bowel syndrome] Tomecki R. **Pol Tyg Lek** 1985 Feb 18;40(7):181-2 (Eng. Abstr.) (Pol)
[Positive therapeutic effect of diacarb in the syndrome of progressive muscle spasms, alopecia and diarrhea (Satoyoshi syndrome)] Aver'ianov IuN, et al. **Zh Nevropatol Psikhiatr** 1984;84(11):1623-7 (Eng. Abstr.) (Rus)

ECONOMICS

Treatment of diarrhoea in Indonesian children: what it costs and who pays for it. Lerman SJ, et al. **Lancet** 1985 Sep 21;2(8456):651-4

ETIOLOGY

Increased risk of respiratory disease and diarrhea in children with preexisting mild vitamin A deficiency. Sommer A, et al. **Am J Clin Nutr** 1984 Nov;40(5):1090-5
Apple juice. An unappreciated cause of chronic diarrhea. Hyams JS, et al. **Am J Dis Child** 1985 May;139(5):503-5
Secretory diarrhea in mixed connective tissue disease. Thiele DL, et al. **Am J Gastroenterol** 1985 Feb;80(2):107-10
Infectious diarrhea. Pathogenesis and risk factors. Cantey JR. **Am J Med** 1985 Jun 28;78(6B):65-75 (160 ref.)
Etiology and epidemiology of diarrheal diseases in the United States. Nelson JD. **Am J Med** 1985 Jun 28;78(6B):76-80
Traveler's diarrhea. Feldman M. **Am J Med Sci** 1984 Oct; 288(3):136-48 (69 ref.)
A comparative study of enterotoxigenic Escherichia coli, Shigella, Aeromonas, and Vibrio as etiologies of diarrhea in northeastern Thailand. Echeverria P, et al. **Am J Trop Med Hyg** 1985 May;34(3):547-54
Hypoalbuminemia, diarrhea, and the acquired immunodeficiency syndrome [letter] Brinson RR. **Ann Intern Med** 1985 Mar;102(3):413
Cryptosporidium and diarrhoea. Isaacs D. **Arch Dis Child** 1985 Jul;60(7):608-9
Carcinoid syndrome: an unusual cause of diarrhoea. King MD, et al. **Arch Dis Child** 1985 Mar;60(3):269-71
Diarrhoea due to Cryptosporidium in acute lymphoblastic leukemia. Lewis IJ, et al. **Arch Dis Child** 1985 Jan; 60(1):60-2
Giardiasis in Tasmania [letter] Goldsmid JM, et al. **Aust Paediatr J** 1984 Aug;20(3):259
Diarrhoeagenic Escherichia coli in hospitalized children in Dhaka. Moyenuddin M, et al. **Bangladesh Med Res Counc Bull** 1985 Jun;11(1):20-7
The mechanism of diarrhoea resulting from pelvic and abdominal radiotherapy; a prospective study using selenium-75 labelled conjugated bile acid and cobalt-58 labelled cyanocobalamin. Yeoh EK, et al. **Br J Radiol** 1984 Dec;57(684):1131-6
Aeromonas spp in travellers' diarrhoea. Gracey M, et al. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):658
Diarrhea update [editorial]. **Can Med Assoc J** 1985 Sep 1: 133(5):435-6
Secretory hormones of Entamoeba histolytica. McGowan K, et al. **Ciba Found Symp** 1985;112:139-54
Consensus development summaries. Travelers' diarrhea. National Institutes of Health. **Conn Med** 1985 Jul; 49(7):463-9
Salmonella enteritidis enterocolitis: another cause of diarrhea and erythema nodosum. Grossman ME, et al. **Cutis** 1984 Oct;34(4):402-3
Villous adenoma depletion syndrome. Evidence for a cyclic nucleotide-mediated diarrhea. Jacob H, et al. **Dig Dis Sci** 1985 Jul;30(7):637-41
Enteric infections, cow's milk intolerance and parenteral infections in 118 consecutive cases of acute diarrhoea in children. Capano G, et al. **Eur J Pediatr** 1984 Sep; 142(4):281-5
Etiology of acute infectious diarrhea in a highly industrialized area of Switzerland. Loosli J, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):75-9
How much malabsorbed sugar causes 'diarrhea?' [letter] Vasquez-Velasquez L, et al. **Gastroenterology** 1985 Mar; 88(3):856-7
Watery diarrhea-hypokalemia-achlorhydria syndrome and carcinoma of the esophagus. Watson KJ, et al. **Gastroenterology** 1985 Mar;88(3):798-803
Severe intestinal involvement in Wegener's granulomatosis. Haworth SJ, et al. **Gut** 1984 Nov;25(11):1296-300
Diarrhoea and malabsorption in acquired immune deficiency syndrome: a study of four cases with special emphasis on opportunistic protozoan infestations. Modigliani R, et al. **Gut** 1985 Feb;26(2):179-87
Campylobacter fetus ssp jejuni as seen in Bangalore. Macaden R, et al. **Indian J Med Res** 1984 Apr;79:491-4
Synergistic rotavirus and Escherichia coli diarrheal infections of mice. Newsome PM, et al. **Infect Immun** 1985 Feb; 47(2):573-4
Chronic persistent diarrhoea. Kokal KC, et al. **J Assoc Physicians India** 1984 May;32(5):447-9
Accidental poisoning by Canavalia virosa. Singh NK, et al. **J Assoc Physicians India** 1984 May;32(5):450-1
Asymptomatic rotavirus infections in day care centers. Barrón-Romero BL, et al. **J Clin Microbiol** 1985 Jul; 22(1):116-8
Cryptosporidium spp., a frequent cause of diarrhea in Central Africa. Bogaerts J, et al. **J Clin Microbiol** 1984 Nov; 20(5):874-6
Rapid presumptive recognition of diarrhea-associated adenoviruses. Brandt CD, et al. **J Clin Microbiol** 1984 Nov; 20(5):1008-9
Cryptosporidiosis in immunocompetent children. Isaacs D, et al. **J Clin Pathol** 1985 Jan;38(1):76-81
Protozoal, bacterial and viral diarrhoea: a common mechanism [editorial] Greenough WB 3d. **J Diarrhoeal Dis Res** 1984 Jun;2(2):68
Clostridium difficile-associated diarrhoea [letter] Riley TV. **J Infect** 1985 Mar;10(2):179-80
A novel strain of Escherichia coli causing diarrhea, bacteremia, and fever in a human. Thorne GM, et al. **J Infect Dis** 1985 May;151(5):960-3
Cryptosporidiosis in northeastern Brazil: association with sporadic diarrhea. Weikel CS, et al. **J Infect Dis** 1985 May; 151(5):963-5
Value of breath hydrogen analysis in management of diarrheal illness in childhood: comparison with duodenal biopsy. Davidson GP, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):381-7
Precocious increase of sucrase activity by carbohydrates in the small intestine of suckling rats. I. Significance of the stress effect of sugar-induced diarrhea. Goda T, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):468-75
Precocious increase of sucrase activity by carbohydrates in the small intestine of suckling rats. II. Role of digestibility of sugars, osmolality, and stomach evacuation in producing diarrhea. Goda T, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):634-8
Bacterial contamination of tube-feeding formulas. Anderson KR, et al. **JPEN** 1984 Nov-Dec;8(6):673-8
Diarrhoea and simultaneous excretion of Clostridium difficile cytotoxin and C perfringens enterotoxin [letter] Borriello SP, et al. **Lancet** 1984 Nov 24;2(8413):1218
Polymicrobial aetiology of travellers' diarrhoea. Taylor DN, et al. **Lancet** 1985 Feb 16;1(8425):381-3
A two-year longitudinal study on the etiology of acute diarrhea in young children in Northern Italy. Cevenini R, et al. **Microbiologica** 1985 Jan;8(1):51-8
Congenital agenesis of the gallbladder. A diagnostic problem. Report of a case. Kennard GK. **Milit Med** 1985 May; 150(5):283-5
Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 39-1985. A six-year-old girl with diarrhea after exposure to animals. **N Engl J Med** 1985 Sep 26;313(13):805-15
Travelers' diarrhea. National Institutes of Health Consensus Development Conference Statement. **Nat Inst Health Consensus Dev Conf Consensus Statement** 1985;5(8):1-7
Does malnutrition predispose children to diarrhea? **Nutr Rev** 1985 May;43(5):144-5 (15 ref.)
Common bacterial causes of bloody diarrhea. Silverman A. **Pediatr Ann** 1985 Jan;14(1):39-45, 48-50
Evaluation of patients with acute infectious diarrhea. Pickering LK. **Pediatr Infect Dis** 1985 May-Jun;4(3 Suppl):S13-9
Problems in diagnosing and managing giardiasis. Pickering LK. **Pediatr Infect Dis** 1985 May-Jun;4(3 Suppl):S6-10
Rotaviruses infection. Pickering LK. **Pediatr Infect Dis** 1985 May-Jun;4(3 Suppl):S2-6 (47 ref.)
Aeromonas hydrophila and Plesiomonas shigelloides as causes of intestinal infections. Holmberg SD, et al. **Rev Infect Dis** 1984 Sep-Oct;6(5):633-9 (47 ref.)
Perceptions of childhood diarrhoea and its treatment in rural Zimbabwe. de Zoysa I, et al. **Soc Sci Med** 1984;19(7):727-34
Hypercortisolism, diarrhea with steatorrhea, and massive proteinuria due to pheochromocytoma. Interlandi JW, et

al. **South Med J** 1985 Jul;78(7):879–83

Intestinal parasites in pediatric patients with diarrhoeal diseases in Bangkok. Chavalittamrong B, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):385–8

Rotavirus in pediatric diarrhoea at Siriraj Hospital, Bangkok, Thailand. Louisirirotchanakul S, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):348–52

Travelers' diarrhea. DuPont HL, et al. **Ther Umsch** 1985 Jan; 42(1):65–8

Serological evidence for chlamydial infection in patients with acute diarrhoea. Butler T, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):42–3

Isolation of Yersinia enterocolitica and Y. intermedia from fatal cases of diarrhoeal illness in Bangladesh. Butler T, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):449–50

Another cause of diarrhea in AIDS [letter] Edelstein H, et al. **West J Med** 1985 Feb;142(2):262

[Clinical and laboratory studies on acute bacterial diarrhea] Zheng DL. **Chung Hua I Hsueh Tsa Chih** 1984 Jun; 64(6):360–3 (Eng. Abstr.) (Chi)

[An etiological study of epidemic diarrhea among adults in Jixi and Harbin, Heilongjiang Province] Xie FY. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug; 5(4):206–8 (Eng. Abstr.) (Chi)

[An epidemic of diarrhea caused by enteroinvasive serotypes of Escherichia coli 028 ac (Ca 792)] Sobotková J, et al. **Cesk Epidemiol Mikrobiol Immunol** 1984 Sep;33(5):315 (Cze)

[Weight loss, diarrhea and abdominal cramps in a previously healthy young man] Groop L. **Duodecim** 1984; 100(13):806–14 (Fin)

[Travellers' diarrhea. Current data on the role of enterotoxigenic Escherichia coli] Charmot G. **Ann Gastroenterol Hepatol (Paris)** 1984 Oct–Nov; 20(5):289–94 (Eng. Abstr.) (Fre)

[Diarrhea and the acquired immunodeficiency syndrome] Bories C, et al. **Gastroenterol Clin Biol** 1985 Apr; 9(4):354–60 (53 ref.) (Fre)

[Microscopic colitis: a possible cause of chronic diarrhea? (letter)] Fischer D, et al. **Gastroenterol Clin Biol** 1985 May; 9(5):452 (Fre)

[Hemorrhagic fever with renal syndrome. A case with diarrhea and rhabdomyolysis (letter)] Chavanet P, et al. **Presse Med** 1985 Jun 8;14(23):1290–1 (Fre)

[Severe diarrhea disclosing toxic adenoma of the thyroid (letter)] Delaitre B, et al. **Presse Med** 1985 May 25; 14(21):1200 (Fre)

[Chronic diarrhea:current aspects] Berrut C, et al. **Ther Umsch** 1984 Sep;41(9):618–24 (29 ref.) (Eng. Abstr.) (Fre)

[Infectious Clostridium difficile diarrhea] Poitras P. **Union Med Can** 1984 Dec;113(12):1026–8 (Eng. Abstr.) (Fre)

[Allergy, pseudoallergy, intolerance—potential causes of adverse food reactions] Ruppin H. **Fortschr Med** 1985 Feb 21;103(7):144–7 (Eng. Abstr.) (Ger)

[Reflux and stool frequency in the artificial feeding of traumatized intensive care patients] Hackl JM, et al. **Infusionsther Klin Ernahr** 1984 Dec;11(6):305–12 (Eng. Abstr.) (Ger)

[19-year-old patient with fever, diffuse abdominal pain and diarrhea] Richter WO, et al. **Internist (Berlin)** 1985 Mar; 26(3):169–72 (Ger)

[Viral diarrheas] Eggers HJ. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb; 180(2–3):128–33 (13 ref.) (Eng. Abstr.) (Ger)

[Acute infectious diarrhea of bacterial etiology. Clinico-statistical considerations on 749 cases in children] Colli R, et al. **Minerva Pediatr** 1984 May 31;36(10):541–8 (Eng. Abstr.) (Ita)

[Educational lecture on diarrhea and malabsorption syndrome] Ishikawa M. **Nippon Naika Gakkai Zasshi** 1985 Jan;74(1):1–6 (17 ref.) (Jpn)

[Bacterial diarrhoea: diarrhoea caused by enterotoxins] Takeda Y. **Rinsho Byori** 1984 Jul;32(7):701–8 (46 ref.) (Jpn)

[Ganglioneuroma and chronic secretory diarrhea] De Chiara AM, et al. **Arq Gastroenterol** 1984 Oct–Dec;21(4):196–200 (Eng. Abstr.) (Por)

[Diarrhea in tourists] Radbil' OS, et al. **Sov Med** 1985;(2):33–7 (34 ref.) (Rus)

[Traveler's diarrhea] Ríos Mollineda RA, et al. **Bol Asoc Med PR** 1983 Jul;75(7):311–4 (Eng. Abstr.) (Spa)

[Etiopathogenesis of infectious diarrheas] Olarte J. **Bol Med Hosp Infant Mex** 1985 Jan;42(1):66–72 (Eng. Abstr.) (Spa)

[Virology of rotaviruses and the epidemiology of diarrhea caused by rotaviruses] Sirnhon A. **Bol Of Sanit Panam** 1985 Apr;98(4):295–310 (Eng. Abstr.) (Spa)

[High calcitonin as a probable cause of sustained diarrhea in medullary carcinoma of the thyroid associated with Cushing's syndrome (letter)] Olcoz Goñi JL, et al. **Med Clin (Barc)** 1984 Sep 29;83(9):394 (Spa)

[Prostaglandins and diarrhea] Sabán Ruiz J, et al. **Med Clin (Barc)** 1984 Nov 3;83(14):600–5 (101 ref.) (Spa)

[Diarrhea as a clinical problem] Binder V. **Nord Med** 1985; 100(6–7):182–3 (Eng. Abstr.) (Swe)

[Humorally mediated diarrheas] Oberg K. **Nord Med** 1985; 100(6–7):187–91 (Eng. Abstr.) (Swe)

IMMUNOLOGY

Serum antibody response to Clostridium difficile toxins in patients with Clostridium difficile diarrhoea. Aronsson B, et al. **Infection** 1985 May–Jun;13(3):97–101

Autoimmunity in diarrhoeal disease. Unsworth DJ, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):375–80

METABOLISM

Stool electrolyte and osmolality measurements in the evaluation of diarrheal disorders. Shiau YF, et al. **Ann Intern Med** 1985 Jun;102(6):773–5

Pathogenesis of rotavirus-induced diarrhea. Preliminary studies in miniature swine piglet. Graham DY, et al. **Dig Dis Sci** 1984 Nov;29(11):1028–35

Diarrhea in streptozocin-treated rats. Loss of adrenergic regulation of intestinal fluid and electrolyte transport. Chang EB, et al. **J Clin Invest** 1985 May;75(5):1666–70

Studies of stools from pseudomembranous colitis, rotaviral, and other diarrheal syndromes by frequency-pulsed electron capture gas-liquid chromatography. Brooks JB, et al. **J Clin Microbiol** 1984 Sep;20(3):549–60

Effect of Giardia lamblia infection on the intestinal cyclic AMP level in mice. Ganguly NK, et al. **J Diarrhoeal Dis Res** 1984 Jun;2(2):69–72

Alteration of histamine, serotonin and primary prostaglandin in case of diarrhea induced by endotoxin and gastrointestinal absorption of drug. Sakurai E, et al. **J Pharmacobiodyn** 1985 Mar;8(3):186–92

Effect of staphylococcal enterotoxin B-induced diarrhoea on the pharmacokinetics of sulphadimidine in the goat. van Gogh H, et al. **J Vet Pharmacol Ther** 1984 Dec;7(4):303–5

Defective jejunal brush-border Na+/H+ exchange: a cause of congenital secretory diarrhoea. Booth IW, et al. **Lancet** 1985 May 11;1(8437):1066–9

Absorption of food cobalamins assessed by the double-isotope method in healthy volunteers and in patients with chronic diarrhoea. Kittang E, et al. **Scand J Gastroenterol** 1985 May;20(4):500–7

Idiopathic bile acid diarrhoea reconsidered. Thaysen EH. **Scand J Gastroenterol** 1985 May;20(4):452–6

Non-absorption of enteric-coated prednisolone. Normal absorption of non-enteric-coated prednisolone in a patient with Crohn's disease and massive intestinal resection. Olivesi A. **Therapie** 1985 Jan–Feb;40(1):5–7

MICROBIOLOGY

Clostridium difficile diarrhoea: a highly infectious organism. Bennett GC, et al. **Age Ageing** 1984 Nov;13(6):363–6

Ketoconazole and resistant Blastocystis hominis infection [letter] Cohen AN. **Ann Intern Med** 1985 Sep;103(3):480–1

Verocytotoxin-producing Escherichia coli 0157:H7 and diarrhea [letter] Gransden WR, et al. **Ann Intern Med** 1985 Jul;103(1):160

Bacillus cereus, diarrhea, and home-dried apples [letter] Moreno AJ, et al. **Ann Intern Med** 1985 Jun;102(6):868–9

Sporadic cases of hemorrhagic colitis associated with Escherichia coli 0157:H7. Clinical, epidemiologic, and bacteriologic features. Pai CH, et al. **Ann Intern Med** 1984 Dec;101(6):738–42

Acute diarrhoea and rotavirus infections in young children in Kuwait. Sethi SK, et al. **Ann Trop Paediatr** 1984 Jun; 4(2):117–21

Isolation of Campylobacter fetus ss jejuni in adult patients with diarrheal syndrome. Parra-Maldonado NR, et al. **Arch Invest Med (Mex)** 1984 Jul–Sep;15(3):245–53 (Eng. Spa)

Vibrio vulnificus in sea water: a possible cause of acute diarrhea in man? Ciufecu C, et al. **Arch Roum Pathol Exp Microbiol** 1985 Jan–Mar; 44(1):87–91

Colonization of the jejunum with aerobe-anaerobe facultative bacteria and its significance in infantile disease. Ivanof DS, et al. **Arch Roum Pathol Exp Microbiol** 1984 Jan–Mar; 43(1):31–7

Aeromonas spp in diarrhoea [letter] Price EH, et al. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1380

Cryptosporidiosis [letter] Wyllie AS. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1383–4

Microbial toxins and diarrhoeal disease. **Ciba Found Symp** 1985;112:1–286

Microbial toxins and diarrhoeal diseases: introduction and overview. Guerrant RL. **Ciba Found Symp** 1985;112:1–13

Enrichment media for isolation of Clostridium difficile from faeces [letter] Levett PN, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):135–6

Changing fecal Escherichia coli flora during travel. Orskov F, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):306–9

Comparative evaluation of GM1-ELISA & tissue culture assays for detection of thermolabile enterotoxin (LT) of Escherichia coli. Mohapatra LN, et al. **Indian J Med Res** 1984 Jun;79:733–40

Occurrence & significance of Campylobacter jejuni in Calcutta. Nair GB, et al. **Indian J Med Res** 1984 Oct; 80:412–6

Enterotoxigenicity of enteropathogenic Escherichia coli isolated from sporadic diarrhoeal patients. Ramachandran VG, et al. **Indian J Med Res** 1984 Nov;80:505–11

Diarrhoea associated with Campylobacter jejuni and its biotype coli in Calcutta. Chatterjee BD. **Indian J Pathol Microbiol** 1984 Apr;27(2):149–55

Prevalence of multiple drug resistance amongst strains of Esch. coli isolated from cases of diarrhea. Saxena SN, et al. **Indian J Pediatr** 1983 Nov–Dec;50(407):607–11

Salmonella associated with diarrheal diseases in a pediatric hospital (1979–82). Sobeh FY, et al. **Indian J Pediatr** 1984 Nov–Dec;51(413):643–7

Production of neutralizing monoclonal antibodies to Escherichia coli heat-stable enterotoxin. Brandwein H, et al. **Infect Immun** 1985 Jan;47(1):242–6

Does enteropathogenic Escherichia coli produce heat-labile enterotoxin, heat-stable enterotoxins a or b, or cholera toxin A subunits? Long-Krug SA, et al. **Infect Immun** 1984 Nov;46(2):612–4

Pathogenicity of attaching effacing enteropathogenic Escherichia coli isolated from diarrheic suckling and weanling rabbits for newborn rabbits. Peeters JE, et al. **Infect Immun** 1984 Dec;46(3):690–6

Clinical and microbiological features of Aeromonas hydrophila-associated diarrhea. Agger WA, et al. **J Clin Microbiol** 1985 Jun;21(6):909–13

In vitro antimicrobial susceptibility, plasmid analysis, and serotyping of epidemic-associated Campylobacter jejuni. Bopp CA, et al. **J Clin Microbiol** 1985 Jan;21(1):4–7

Studies of metabolites in diarrheal stool specimens containing Shigella species by frequency-pulsed electron capture gas-liquid chromatography. Brooks JB, et al. **J Clin Microbiol** 1985 Apr;21(4):599–606

Rapid differentiation of enterotoxigenic Escherichia coli that produce heat-stable and heat-labile toxins by frequency-pulsed electron capture gas-liquid chromatography analysis of diarrheal stool specimens. Brooks JB, et al. **J Clin Microbiol** 1984 Dec;20(6):1145–53

Diarrhea due to Plesiomonas shigelloides in cancer patients. Rolston KV, et al. **J Clin Microbiol** 1984 Sep;20(3):597–8

Three-year prospective study of intestinal pathogens in Madrid, Spain. Velasco AC, et al. **J Clin Microbiol** 1984 Aug;20(2):290–2

Bacteriological profile of diarrhoea of infants and toddlers in a semi-urban community. Gupta NK, et al. **J Commun Dis** 1985 Mar;17(1):59–67

Isolation of Salmanella soahanina (6, 14, 24 : z: e, n, x) from a case of infantile diarrhoea. Sarvamangala Devi JN, et al. **J Commun Dis** 1984 Jun;16(2):160–1

Isolation and characterization of enterotoxigenic Escherichia coli from patients with traveller's diarrhoea in Osaka. Abe H, et al. **J Diarrhoeal Dis Res** 1984 Jun;2(2):83–7

Detection of Campylobacter coli in diarrhoeal and non-diarrhoeal children in India. Ayyagari A, et al. **J Diarrhoeal Dis Res** 1984 Dec;2(4):228–31

Significance of stool toxin determination to Clostridium difficile diarrhoea. Chang TW. **J Diarrhoeal Dis Res** 1984 Mar;2(1):41–2

Serotype prevalence and antibiotic susceptibility of Shigella strains isolated in Malaysia during 1980 and 1981. Jegathesan M. **J Diarrhoeal Dis Res** 1984 Jun;2(2):102–4

A clinical study of Vibrio cholerae 01 in Singapore related to environmental factors. Lam S, et al. **J Diarrhoeal Dis Res** 1984 Dec;2(4):249–52

Campylobacter jejuni as a cause of childhood diarrhoea in a north Indian community. Nayyar S, et al. **J Diarrhoeal Dis Res** 1983 Mar;1(1):26–8

Low incidence of heat-labile enterotoxin-producing Escherichia coli strains in the Federal Republic of Germany. Sticht-Groh V, et al. **J Diarrhoeal Dis Res** 1985 Mar;3(1):24–8

Relation of enterotoxin production and lipolytic activity in Staphylococcus aureus strains isolated from acute diarrhoeal diseases to clinical course of illness. Sourek J, et al. **J Hyg Epidemiol Microbiol Immunol** 1984; 28(3):279–86

Incidence of shigellosis among paediatric diarrhoeal disorders (a bacteriological study). Sultana CM, et al. **J Indian Med Assoc** 1984 Aug;82(8):279–81

Antimicrobial agents and Clostridium difficile in acute enteric disease: epidemiological data from Sweden, 1980–1982. Aronsson B, et al. **J Infect Dis** 1985 Mar;151(3):476–81

Rotavirus in children [letter] Burke V, et al. **J Infect Dis** 1985 Sep;152(3):646–7

Identification by DNA hybridization of enterotoxigenic Escherichia coli in a longitudinal study of villages in Thailand. Echeverria P, et al. **J Infect Dis** 1985 Jan; 151(1):124–30

Experimental infection of hamsters with Campylobacter jejuni. Humphrey CD, et al. **J Infect Dis** 1985 Mar; 151(3):485–93

The diarrheal response of humans to some classic serotypes of enteropathogenic Escherichia coli is dependent on a plasmid encoding an enteroadhesiveness factor. Levine MM, et al. **J Infect Dis** 1985 Sep;152(3):550–9

A newly recognized cause of travelers' diarrhea: enteroadherent Escherichia coli. Mathewson JJ, et al. **J Infect Dis** 1985 Mar;151(3):471–5

Rotavirus prevalence and relationships with climatological factors in Gabon, Africa. Sitbon M, et al. **J Med Virol** 1985 Jun;16(2):177–82

Faecal and pharyngeal shedding of rotavirus and rotavirus IgA in children with diarrhoea. Stals F, et al. **J Med Virol** 1984;14(4):333–9

Infectious diarrhea of infant rats produced by a rotavirus-like agent. Vonderfecht SL, et al. **J Virol** 1984 Oct;52(1):94–8

Survival of bacterial enteropathogens in the ice of popular

drinks. Dickens DL, et al. **JAMA** 1985 Jun 7;253(21):3141-3
Campylobacter infections today [editorial] Levin S, et al. **JAMA** 1985 Mar 1;253(9):1303
Plesiomonas shigelloides-associated diarrhea. Reinhardt JF, et al. **JAMA** 1985 Jun 14;253(22):3294-5
Role of toxigenic bacteria in acute infantile diarrhoea. Khan MM, et al. **JPMA** 1984 Sep;34(9):266-9
Escherichia coli originated from diarrhea of suckling piglets in Taiwan. III. Ability to produce enterotoxin and Vero cytotoxin. Chen C, et al. **Kitasato Arch Exp Med** 1984 Sep;57(3):221-6
Escherichia coli originated from diarrhea of suckling piglets in Taiwan. II. Serological properties. Chen C, et al. **Kitasato Arch Exp Med** 1984 Sep;57(3):211-20
C. difficile-associated diarrhoea [letter] Riley TV, et al. **Med J Aust** 1985 Sep 2;143(5):223-4
Isolation of human rotaviruses with a distinct RNA electrophoretic pattern from Indonesia. Hasegawa A, et al. **Microbiol Immunol** 1984;28(6):719-22
Influence of rotaviral diarrhea on intestinal microflora establishment in conventional and axenic mice. Corthier G, et al. **Prog Clin Biol Res** 1985;181:179-81
Influence of rotaviral diarrhea on some bacterial functions in the intestine of conventional mice. Moreau C, et al. **Prog Clin Biol Res** 1985;181:183-5
Invasive ability of Plesiomonas shigelloides. Binns MM, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug;257(3):343-7
Characterization of Campylobacter jejuni/coli-isolates from human faeces. Holländer R. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Oct;258(1):128-34
Enteropathogenicity of Klebsiella pneumoniae strains isolated from stools of diarrhoeal patients and other clinical specimens: an experimental study. Raychaudhury A, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Oct;258(1):94-103
[New vibrios causing acute diarrhea] Cheng ZY. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Feb;6(1):52-5 (16 ref.) (Chi)
[Sensitivity of diarrhea organisms to nifuroxazide] Dodin A, et al. **Bull Soc Pathol Exot Filiales** 1984 May-Jun;77(3):295-7 (Eng. Abstr.) (Fre)
[Prevalence of the enterotoxigenic Escherichia coli colonization factors CFA/I, CFA/II and E8775 isolated in the South Pacific (New Caledonia, Republic of Vanuatu and Wallis and Futuna)] Germani Y, et al. **Bull Soc Pathol Exot Filiales** 1985;78(3):283-9 (Eng. Abstr.) (Fre)
[Detection of campylobacters in patients with sporadic diarrhea and antibacterial action of 37 drugs against Campylobacter jejuni] Fukami T, et al. **Kansenshogaku Zasshi** 1984 Jul;58(7):613-27 (Eng. Abstr.) (Jpn)
[Children's diarrheal disease associated with Campylobacter jejuni] Shimada K, et al. **Kansenshogaku Zasshi** 1984 Dec;58(12):1271-8 (Eng. Abstr.) (Jpn)
[Viral diarrhea] Ikegami N, et al. **Rinsho Byori** 1984 Jul;32(7):715-25 (49 ref.) (Jpn)
[Bacterial diarrhea: diarrhea caused by entero-invasive bacteria] Kita E. **Rinsho Byori** 1984 Jul;32(7):709-14 (Jpn)
[Enteropathogenic Escherichia coli serotypes in urinary tract infections] Galiński J, et al. **Med Dosw Mikrobiol** 1984;36(4):215-21 (Eng. Abstr.) (Pol)
[Non-0:1 group Vibrio cholerae isolated in clinical cases of acute diarrhea] Constantiniu S, et al. **Rev Ig [Bacteriol]** 1985 Jan-Mar;30(1):31-4 (Eng. Abstr.) (Rum)
[Enterotoxigenic, enteroinvasive and enteropathogenic Escherichia coli in patients with diarrhea] Cobeljić M, et al. **Vojnosanit Pregl** 1984 Sep-Oct;41(5):401-7 (Eng. Abstr.) (Ser)
[Isolation of Campylobacter fetus subsp. jejuni from feces and transport media during a diarrhea epidemic] Kuboňová K. **Cesk Epidemiol Mikrobiol Immunol** 1985 Feb;34(1):48-53 (Eng. Abstr.) (Slo)
[Seasonal incidence of diarrhea caused by Shigella] López-Brea M, et al. **Rev Sanid Hig Publica (Madr)** 1984 Mar-Apr;58(3-4):263-8 (Eng. Abstr.) (Spa)

MORTALITY

Malumfashi Endemic Diseases Research Project, XXI. Pointers to causes of death in the Malumfashi area, northern Nigeria. Bradley AK, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):265-71
Community-operated treatment centres prevented many cholera deaths. Baqui AH, et al. **J Diarrhoeal Dis Res** 1984 Jun;2(2):92-8
Correlates of infant death from infectious diarrhea in the southeastern United States. Gibson JJ, et al. **South Med J** 1985 Jan;78(1):26-30

OCCURRENCE

A common-source epidemic of mixed bacterial diarrhea with secondary transmission. Kapadia CR, et al. **Am J Epidemiol** 1984 Nov;120(5):743-9
The relationship of staff to the incidence of diarrhea in day-care centers. Lemp GF, et al. **Am J Epidemiol** 1984 Nov;120(5):750-8
The childhood health effects of an improved water supply system on a remote Panamanian island. Ryder RW, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):921-4
Diarrhoeal diseases in rural Malaysia: risk factors in young children. Lye MS. **Ann Acad Med Singapore** 1984 Apr;13(2):156-62
Rotavirus infection in children with diarrhoea admitted to a general hospital in Metro Toronto. Spence L, et al. **Can J Public Health** 1985 Jan-Feb;76(1):17-20
Outbreak of diarrhea in a day nursery in Ontario. **Can Med Assoc J** 1985 May 15;132(10):1171-2
A longitudinal study of diarrhoea among children in Calcutta communities. Sircar BK, et al. **Indian J Med Res** 1984 Nov;80:546-50
Hypokalaemia in children with diarrhoea in rural Bangladesh. Zaman K, et al. **Indian J Med Res** 1985 Feb;81:169-74
Measuring the impact of water supply and sanitation on diarrhoeal diseases: problems of methodology [letter] Hebert JR, et al. **Int J Epidemiol** 1984 Sep;13(3):374-6
Water supply and sanitation: effect on diarrhoeal diseases [letter] Hebert JR, et al. **Int J Epidemiol** 1984 Dec;13(4):543-4
Socioeconomic differentials of diarrhoea morbidity and mortality in selected villages of Bangladesh. Islam MS, et al. **J Diarrhoeal Dis Res** 1984 Dec;2(4):232-7
Campylobacter enteritis in Japanese children. Matsusaki S, et al. **J Diarrhoeal Dis Res** 1984 Jun;2(2):88-91
Enteritis in the GDR: the value of oral rehydration for treating children with enteritis. Ocklitz HW, et al. **J Diarrhoeal Dis Res** 1984 Dec;2(4):209-11
A study of rotavirus diarrhoea in children in a north Indian community. Panigrahi D, et al. **J Diarrhoeal Dis Res** 1985 Mar;3(1):20-3
A one-year survey of campylobacter enteritis and other forms of bacterial diarrhoea in Hong Kong. Ho BS, et al. **J Hyg (Lond)** 1985 Feb;94(1):55-60
The epidemiological study on viral diarrhoea in Thailand. Wasi C, et al. **J Med Assoc Thai** 1984 Jul;67(7):369-75
Leads from the MMWR. Chronic diarrhea associated with raw milk consumption—Minnesota. **JAMA** 1984 Oct 19;252(15):1996
Escherichia coli originated from diarrhea of suckling piglets in Taiwan. I. Incidence of diarrhea. Chen C, et al. **Kitasato Arch Exp Med** 1984 Sep;57(3):205-9
Seroepidemiology of adult rotavirus [letter] Hung T, et al. **Lancet** 1985 Aug 10;2(8450):325-6
Field preventive medicine and epidemiological surveillance: the Beirut, Lebanon experience, 1982. Daniell FD, et al. **Milit Med** 1985 Apr;150(4):171-6
[Diarrhea upon returning among migrant children. Apropos of 80 cases] Duhamel JF, et al. **Ann Pediatr (Paris)** 1985 Mar;32(3):170-4 (Eng. Abstr.) (Fre)
[Diarrhea due to enterotoxigenic Escherichia coli in New Caledonia. Epidemiology and bacteriologic aspects] Germani Y, et al. **Bull Soc Pathol Exot Filiales** 1984 Jul-Aug;77(4):423-32 (Eng. Abstr.) (Fre)
[Epidemiology of acute infectious diarrhea in Switzerland (endemic diarrhea)] Loosli J. **Schweiz Med Wochenschr [Suppl]** 1984;17:5-6 (Eng. Abstr.) (Ger)
[Epidemiology of travel diarrhea] Steffen R. **Schweiz Med Wochenschr [Suppl]** 1984;17:7-11 (Eng. Abstr.) (Ger)
[Incidence of diarrhea caused by toxin-producing Clostridium difficile in Hungary] Nagy E, et al. **Orv Hetil** 1985 Aug 4;126(31):1897-900 (Eng. Abstr.) (Hun)
[Epidemics of acute diarrheal syndromes in the Rijeka region between 1961 and 1980] Bakašun V, et al. **Vojnosanit Pregl** 1984 Nov-Dec;41(6):475-9 (Ser)
[Epidemiology of diarrhea caused by Campylobacter] López-Brea M. **Rev Sanid Hig Publica (Madr)** 1983 Sep-Oct;57(9-10):949-58 (80 ref.) (Eng. Abstr.) (Spa)

PARASITOLOGY

Cryptosporidiosis outbreak in a day-care center. Taylor JP, et al. **Am J Dis Child** 1985 Oct;139(10):1023-5
Cryptosporidiosis in hospital personnel. Evidence for person-to-person transmission. Koch KL, et al. **Ann Intern Med** 1985 May;102(5):593-6
Afebrile diarrhea and Blastocystis hominis [letter] LeBar WD, et al. **Ann Intern Med** 1985 Aug;103(2):306
Blastocystis hominis infection presenting as recurrent diarrhea. Vannatta JB, et al. **Ann Intern Med** 1985 Apr;102(4):495-6
[Cryptosporides—a common cause of diarrhea] Holten-Andersen W, et al. **Ugeskr Laeger** 1985 Apr 1;147(14):1182-4 (Eng. Abstr.) (Dan)

PATHOLOGY

Cryptosporidiosis: a cause of summer diarrhea in children. Montessori GA, et al. **Can Med Assoc J** 1985 Jun 1;132(11):1285
Local Shwartzman reaction in the rectal mucosa in acute diarrhoea. Mathan MM, et al. **J Pathol** 1985 Jul;146(3):179-87
Ultrastructural study of alterations in the small intestinal epithelium of children with acute diarrhoea. Davidson GP, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):682

PHYSIOPATHOLOGY

Review: pathophysiology of diarrhea caused by bacterial overgrowth of the small intestine. Mathias JR, et al. **Am J Med Sci** 1985 Jun;289(6):243-8 (87 ref.)
Acute and chronic models for hypersecretion of intestinal mucin. Forstner J, et al. **Ciba Found Symp** 1984;109:61-71
The pathophysiology of diarrhea. Binder HJ. **Hosp Pract [Off]** 1984 Oct;19(10):107-13, 116-8
Prostaglandins in diarrheal disease [editorial] Chang EB, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):341-4 (42 ref.)
Intestinal sugar permeability: relationship to diarrhoeal disease and small bowel morphology. Ford RP, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):568-74
Acute infections with Giardia lamblia and rotavirus decrease intestinal permeability to low-molecular weight polyethylene glycols (PEG 400). Serrander R, et al. **Scand J Infect Dis** 1984;16(4):339-44
[Physiopathology of infectious diarrhea] Gyr K. **Schweiz Med Wochenschr [Suppl]** 1984;17:12-4 (Eng. Abstr.) (Ger)

PREVENTION & CONTROL

Prophylactic doxycycline for travelers' diarrhea in Thailand. Further supportive evidence of Aeromonas hydrophila as an enteric pathogen. Echeverria P, et al. **Am J Epidemiol** 1984 Dec;120(6):912-21
Prevention and treatment of infectious diarrhea. Speculations on the next 10 years. Edelman R. **Am J Med** 1985 Jun 28;78(6B):99-106 (80 ref.)
Consensus panel on travelers' diarrhea: avoid prophylactic use of drugs. **Am Pharm** 1985 Apr;NS25(4):20-3
Vaccines for bacterial diarrhoeas. Chaicumpa W. **Asian Pac J Allergy Immunol** 1985 Jun;3(1):93-8
Control of diarrhoeal disease in Tonga 1978-83. Clow DJ. **Br Med J [Clin Res]** 1985 Mar 2;290(6469):691-2
Interventions for the control of diarrhoeal diseases among young children: chemoprophylaxis. de Zoysa I, et al. **Bull WHO** 1985;63(2):295-315 (165 ref.)
Vaccine development for the control of cholera and related toxin-induced diarrhoeal diseases. Holmgren J, et al. **Ciba Found Symp** 1985;112:242-70
Changes during travel in the composition and antibiotic resistance pattern of the intestinal Enterobacteriaceae flora: results from a study of mecillinam prophylaxis against travellers' diarrhoea. Gaarslev K, et al. **Curr Med Res Opin** 1985;9(6):384-7
Efficacy of bicozamycin in preventing traveler's diarrhea. Ericsson CD, et al. **Gastroenterology** 1985 Feb;88(2):473-7
'Boil it, cook it, peel it or forget it': does this rule prevent travellers' diarrhoea? Kozicki M, et al. **Int J Epidemiol** 1985 Mar;14(1):169-72
A clinical trial evaluating cholestyramine to prevent diarrhea in patients maintained on low-fat diets during pelvic radiation therapy. Chary S, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct;10(10):1885-90
Immunizations and chemoprophylaxis for travelers. **Med Lett Drugs Ther** 1985 Apr 12;27(685):33-6
Prevention of gastrointestinal infections. Nelson JD. **Pediatr Infect Dis** 1985 Jul-Aug;4(4):431-4
Selective primary health care: strategies for control of disease in the developing world. XV. Acute diarrhea. Rohde JE. **Rev Infect Dis** 1984 Nov-Dec;6(6):840-54 (109 ref.)
Health precautions for travelers to Mexico. Peate WF, et al. **South Med J** 1985 Mar;78(3):335-9
News from WHO's Diarrhoeal Diseases Control Programme. **WHO Chron** 1984;38(5):212-6
Streptococcus faecium M 74 in control of diarrhoea induced by a human enterotoxigenic Escherichia coli strain in an infant rabbit model. Wadström T. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug;257(3):357-63
[Advice and prescriptions for infants preceding the departure of an Algerian family for Algeria] Branger B. **Ann Pediatr (Paris)** 1985 Jun;32(6):564 (Fre)
[Prevention of diarrhea during nasogastric tube feeding] Lopez I, et al. **Rev Med Brux** 1985 Jan;6(1):29-31 (Eng. Abstr.) (Fre)
[Preventive measures against travel diarrhea] Steffen R, et al. **Schweiz Med Wochenschr [Suppl]** 1984;17:35-8 (Eng. Abstr.) (Ger)
[The WHO program for controlling diarrheic diseases: its status and developmental outlook—the organizational and operative components of the program] Litvinov SK, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):93-8 (8 ref.) (Rus)

PSYCHOLOGY

Bowel dysfunction [letter] Maratka Z. **Gastroenterology** 1985 Jul;89(1):234-5
Environmental stress factors associated with toddler's diarrhoea. Dutton PV, et al. **J Psychosom Res** 1985;29(1):85-8

RADIOGRAPHY

Clinical and radiological aspects of chronic diarrhoea. Chatterjee H, et al. **J Indian Med Assoc** 1984 Jun;82(6):194-6

SURGERY

[The immediate results of the Deloyers operation] Socor C, et al. **Rev Chir [Chir]** 1984 May-Jun;33(3):205-7 (Eng

Abstr.) (Rum)

THERAPY

Oral rehydration therapy in infectious diarrhoea. Comparison of rehydration solutions with 60 and 90 mmol sodium per litre. Sökücü S, et al. **Acta Paediatr Scand** 1985 Jul; 74(4):489-94

Oral glucose-electrolyte solutions as maintenance therapy of acute diarrhea. Listernick R, et al. **Am J Dis Child** 1985 Jun;139(6):571-4

Diarrhoea, dehydration, and drugs [editorial] Candy DC. **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1245-6

Acute diarrhoea in children [letter] Cutting WA, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):157

Bone marrow rehydration in a busy district hospital paediatric ward. Albonico HU, et al. **Cent Afr J Med** 1984 Aug;30(8):143-4

Preparation and quality control of hand-packaged oral rehydration salt sachets. Ali MA, et al. **J Diarrhoeal Dis Res** 1984 Sep;2(3):162-7

Super ORT [editorial] Greenough WB. **J Diarrhoeal Dis Res** 1983 Jun;1(2):74-5

ORT III: a dilemma for policy makers, a confusion for parents [editorial] Hull TH. **J Diarrhoeal Dis Res** 1985 Mar; 3(1):1-6

In search of a super oral rehydration solution: can optimum use of organic solute-mediated sodium absorption lead to the development of an absorption promoting drug? Mahalanabis D, et al. **J Diarrhoeal Dis Res** 1983 Jun; 1(2):76-81 (23 ref.)

Home-based education of mothers in treatment of diarrhoea with oral rehydration solution. Sachar RK, et al. **J Diarrhoeal Dis Res** 1985 Mar;3(1):29-31

Oral rehydration therapy in acute diarrhoea in childhood. Booth IW, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep; 3(4):491-9 (97 ref.)

Oral rehydration therapy: combining anthropological and epidemiological approaches in the evaluation of a Papua New Guinea programme. Frankel SJ, et al. **J Trop Med Hyg** 1984 Jun;87(3):137-42

Beliefs and therapeutic preferences of mothers in management of acute diarrhoeal disease in children. Kumar V, et al. **J Trop Pediatr** 1985 Apr;31(2):109-12

Management of chronic diarrhea with parenteral nutrition and enteral infusion techniques. Ament ME. **Pediatr Ann** 1985 Jan;14(1):53, 57-60

Treatment of acute diarrhea. Hamilton JR. **Pediatr Clin North Am** 1985 Apr;32(2):419-27 (28 ref.)

Traditional healers, mothers and childhood diarrheal disease in Swaziland: the interface of anthropology and health education. Green EC. **Soc Sci Med** 1985;20(3):277-85

[Comparative effects of the WHO solution and of a simplified solution in infants with acute diarrhea] Ben Mansour A, et al. **Ann Pediatr (Paris)** 1985 Mar 25;32(3 Pt 2):315-20 (Eng. Abstr.) (Fre)

[Treatment of acute infantile diarrhea: controlled trial of Saccharomyces boulardii] Chapoy P. **Ann Pediatr (Paris)** 1985 Jun;32(6):561-3 (Eng. Abstr.) (Fre)

[Acute diarrhea in infants in Tunisia] Hamza B, et al. **Bull Acad Natl Med (Paris)** 1984 Oct-Nov;168(7-8):959-70 (Fre)

[Nutrition in the child with diarrhea] Lachmann D. **Pediatr Padol** 1984;19(4):337-42 (Ger)

[Nonspecific therapy of acute infectious diarrhea] Gyr K. **Schweiz Med Wochenschr [Suppl]** 1984;17:19-22 (Eng. Abstr.) (Ger)

[Use of oral bacteria therapy in childhood during acute enteritis and functional chronic diarrhea. Clinical experience] Gregori G, et al. **Acta Biomed Ateneo Parmense** 1985;56(1):23-6 (Eng. Abstr.) (Ita)

[Therapy of the late sequelae of vagotomy in our experience] Marinaccio F, et al. **Minerva Chir** 1984 Jul 15-31; 39(13-14):995-1002 (Eng. Abstr.) (Ita)

[Treatment of acute diarrheal diseases] Popescu V, et al. **Rev Pediatr Obstet Ginecol [Pediatr]** 1984 Oct-Dec; 33(4):339-70 (Eng. Abstr.) (Rum)

[Treatment of acute diarrhea in children in clinical practice] Perović S. **Lijec Vjesn** 1985 Mar-Apr;107(3-4):141-5 (Eng. Abstr.) (Scr)

[Medical procedures for the oral hydration of children with diarrhea] Velásquez-Jones L, et al. **Bol Med Hosp Infant Mex** 1984 Sep;41(9):505-11 (Eng. Abstr.) (Spa)

[Diachronic study of diarrhea syndrome in Mexico. Analysis from 1930 to 1984. A therapeutic focus] Cuéllar A. **Salud Publica Mex** 1984 Sep-Oct;26(5):492-500 (Eng. Abstr.) (Spa)

TRANSMISSION

[A water-borne outbreak of diarrhea] Zhang DL. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug; 5(4):209-11 (Eng. Abstr.) (Chi)

VETERINARY

The importance of dietary antigen in the cause of postweaning diarrhea in pigs. Miller BG, et al. **Am J Vet Res** 1984 Sep;45(9):1730-3

Comparative studies on three isolates of Breda virus of calves. Woode GN, et al. **Am J Vet Res** 1985 May;46(5):1003-10

Infectious agents associated with diarrhoea in commercial rabbits: a field study. Peeters JE, et al. **Ann Rech Vet** 1984; 15(3):335-40

Characterization of the coliform and enteric bacilli in the environment of calves with colibacillosis. Plews PI, et al. **Appl Environ Microbiol** 1985 Apr;49(4):949-54

Sterigmatocystin in dairy cattle feed contaminated with Aspergillus versicolor. Vesonder RF, et al. **Appl Environ Microbiol** 1985 Jan;49(1):234-5

Detection of astroviruses in gut contents of nude and normal mice. Brief report. Kjeldsberg E, et al. **Arch Virol** 1985; 84(1-2):135-40

Coccidiosis associated with post-weaning diarrhoea in beef calves in a dry tropical region. Parker RJ, et al. **Aust Vet J** 1984 Jun;61(6):181-3

Colitis in sheep due to a Campylobacter-like bacterium. Stephens LR, et al. **Aust Vet J** 1984 Jun;61(6):183-7

Patterns of preweaning diarrhea in piglets on a central California ranch. Urceley S, et al. **Can J Comp Med** 1984 Oct;48(4):394-401

Local intestinal immune response to Escherichia coli heat-labile (LT) enterotoxin: LT antitoxin levels in healthy, diseased and antigen-fed pigs. Pesti L, et al. **Comp Immunol Microbiol Infect Dis** 1984;7(3-4):149-55

Distinct rotaviruses isolated from asymptomatic calves. Dea S, et al. **Cornell Vet** 1985 Apr;75(2):307-18

Determination of red blood cell potassium content in horses with diarrhoea: a practical approach for therapy. Muylle E, et al. **Equine Vet J** 1984 Sep;16(5):450-2

Differential diagnosis of diarrhoea in adult horses. O'Brien K. **In Pract** 1985 Mar;:53-60

Clinical evaluation of sodium bicarbonate, sodium L-lactate, and sodium acetate for the treatment of acidosis in diarrheic calves. Kasari TR, et al. **J Am Vet Med Assoc** 1985 Aug 15;187(4):392-7

Sand-induced diarrhea in a foal. Ramey DW, et al. **J Am Vet Med Assoc** 1984 Sep 1;185(5):537-8

Clinical and pathologic features of parvoviral diarrhea in pound-source dogs. Stann SE, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):651-5

Newer concepts in treatment of secretory diarrheas. Willard MD. **J Am Vet Med Assoc** 1985 Jan 1;186(1):86-8

Trimethoprim resistance plasmids in Escherichia coli isolated from cases of diarrhoea in cattle, pigs and sheep. Wise PJ, et al. **J Appl Bacteriol** 1985 Jun;58(6):555-61

Isolation of Bacteroides fragilis from the feces of diarrheic calves and lambs. Border M, et al. **J Clin Microbiol** 1985 Mar;21(3):472-3

Enterotoxigenic Escherichia coli infections in newborn calves: a review. Acres SD. **J Dairy Sci** 1985 Jan; 68(1):229-56 (152 ref.)

Enteric viral infections of calves and passive immunity. Saif LJ, et al. **J Dairy Sci** 1985 Jan;68(1):206-28 (84 ref.)

Isolation and characterization of enterovirus from neonatal goats with diarrhoea. Jain NC, et al. **J Diarrhoeal Dis Res** 1984 Mar;2(1):43-6

Isolation and drug sensitivity of bacteria from piglet diarrhoea. Sarma DK, et al. **J Diarrhoeal Dis Res** 1984 Sep;2(3):174-5

Enteric lesions and diarrhea in gnotobiotic calves monoinfected with Cryptosporidium species. Heine J, et al. **J Infect Dis** 1984 Nov;150(5):768-75

Streptococcus durans: an unexpected enteropathogen of foals. Tzipori S, et al. **J Infect Dis** 1984 Oct;150(4):589-93

Diarrhea in nonhuman primates: a survey of primate colonies for incidence rates and clinical opinion. Hird DW, et al. **Lab Anim Sci** 1984 Oct;34(5):465-70

Phenotypic variations among enterotoxinogenic Escherichia coli from Swedish piglets with diarrhoea. Kühn I, et al. **Med Microbiol Immunol (Berl)** 1985;174(3):119-30

Diarrhea in neonatal piglets caused by K99+ST+ enterotoxigenic Escherichia coli. Shimizu M, et al. **Microbiol Immunol** 1984;28(6):645-9

A case of neonatal calf diarrhea associated with natural infection with rotavirus. Hiruma M, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):517-21

Isolation of a rotavirus from canine diarrheal feces. Mochizuki M, et al. **Nippon Juigaku Zasshi** 1984 Dec; 46(6):905-8

Transfer of antibodies against viruses of calf diarrhea from cows to their offspring via colostrum. Murakami T, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):507-10

Levels of beta-galactosidase and lactic acid, in the intestine, and blood glucose in pig scour. Uramoto S, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):413-21

Some effects of Streptococcus faecium M 74 in piglets. Gudding R, et al. **Nord Vet Med** 1985 Jan-Feb;37(1):48-9

Enteritis and green diarrhoea in experimental avian spirochaetosis. Bandopadhyay AC, et al. **Res Vet Sci** 1984 Nov;37(3):381-2

Epidemiological studies of parvovirus infections in calves on endemically infected properties. Durham PJ, et al. **Res Vet Sci** 1985 Mar;38(2):234-40

Exacerbation of experimental parvoviral enteritis in calves by coccidia and weaning stress. Durham PJ, et al. **Res Vet Sci** 1985 Jul;39(1):16-23

Gastrointestinal flora in iron-deficient piglets. Larkin HA, et al. **Res Vet Sci** 1985 Jul;39(1):5-9

Serological comparison of the Escherichia coli prototype strains for the F(Y) and Att 25 adhesions implicated in neonatal diarrhoea in calves. Morris JA, et al. **Res Vet Sci** 1985 Mar;38(2):246-7

Evaluation of a monoclonal antibody to the K99 fimbrial adhesin produced by Escherichia coli enterotoxigenic for calves, lambs and piglets. Morris JA, et al. **Res Vet Sci** 1985 Jul;39(1):75-9

Infectious nature of Clostridium spiroforme-mediated rabbit enterotoxaemia. Carman RJ, et al. **Vet Microbiol** 1984 Sep; 9(5):497-502

Molecular analysis of the virulence determinants of enterotoxigenic Escherichia coli isolated from domestic animals: applications for vaccine development. Dougan G, et al. **Vet Microbiol** 1985 Apr;10(3):241-57

A case of chronic zinc poisoning in calves fed with zinc-contaminated roughage. Wentink GH, et al. **Vet Q** 1985 Apr;7(2):153-7

The commonest rotaviruses from neonatal lamb diarrhoea in England and Wales have atypical electropherotypes. Chasey D, et al. **Vet Rec** 1984 Sep 29;115(13):326-7

Identification of coronaviruses in exotic species of Bovidae. Chasey D, et al. **Vet Rec** 1984 Dec 8;115(23):602-3

Kaolin as treatment for diarrhoea [letter] Murdoch DB. **Vet Rec** 1985 Mar 2;116(9):247-8

Rickettsial link with acute equine diarrhoea [letter] Rikihisa Y, et al. **Vet Rec** 1984 Oct 13;115(15):390

Shiga-like toxin production from Escherichia coli associated with calf diarrhoea. Sherwood D, et al. **Vet Rec** 1985 Feb 23;116(8):217-8

Rotavirus infections in conventional pigs: kinetics excretion in faeces of rotavirus antigens, antibodies and immune complexes by pigs from birth up to three month of age. Bernard S, et al. **Zentralbl Veterinarmed [B]** 1985 Apr; 32(4):306-15

Experimental infection of horses and ponies by oral and intranasal routes with New York State reovirus type 3 and German reovirus types 1 and 3 equine isolates. Conner M, et al. **Zentralbl Veterinarmed [B]** 1984 Oct;31(9):707-17

Laboratory experiments on oral vaccination of calves against rotavirus or coronavirus induced diarrhoea. de Leeuw PW, et al. **Zentralbl Veterinarmed [B]** 1985 Jan;32(1):55-64

Synergism in experimental mixed infections of newborn colostrum-deprived calves with bovine rotavirus and enterotoxigenic Escherichia coli (ETEC). Hess RG, et al. **Zentralbl Veterinarmed [B]** 1984 Sep;31(8):585-96

Experimental diarrhoea in lambs. Wray C, et al. **Zentralbl Veterinarmed [B]** 1984 Jun;31(5):381-90

[Quality of the colostrum in relation to neonatal diarrhea due to enteropathogenic Escherichia coli in calves] Geene JJ. **Tijdschr Diergeneeskd** 1985 May 1;110(9):345-55 (Eng. Abstr.) (Dut)

[Frequency of FY and K99 pili in strains of Escherichia coli isolated from diarrheal calves in France] Contrepois M, et al. **Ann Rech Vet** 1985;16(1):25-8 (Eng. Abstr.) (Fre)

[Diarrhea in young calves. 6. Determination of the pathogenicity of a bovine coronavirus and an unidentified icosahedral virus] Günther H, et al. **Arch Exp Veterinarmed** 1984 Sep;38(5):781-92 (Eng. Abstr.) (Ger)

[Fluid balance in calves. 2. Body fluid compartments depending on the age of the animal and changes caused by diarrhea] Hartmann H, et al. **Arch Exp Veterinarmed** 1984 Nov;38(6):913-22 (Eng. Abstr.) (Ger)

[Intestinal and fecal flora of weaned piglets with nutritive diarrhea caused by forced feed intake] Wittenbrink MM, et al. **DTW** 1984 Nov 22;91(11-12):387-91 (Eng. Abstr.) (Ger)

[Incidence of virus isolation in fecal samples of swine with diarrhea including steatorrhea] Rutishauser UP, et al. **Schweiz Arch Tierheilkd** 1984 Sep;126(9):453-66 (Eng. Abstr.) (Ger)

[Enteropathogenicity of bovine coronaviruses under field conditions] Möstl K, et al. **Zentralbl Veterinarmed [B]** 1984 Dec;31(10):743-54 (Eng. Abstr.) (Ger)

[Isolation of Campylobacter jejuni from diarrheal and non-diarrheal dogs and serotyping of the isolates by slide agglutination technique] Itoh T, et al. **Kansenshogaku Zasshi** 1984 May;58(5):393-9 (Eng. Abstr.) (Jpn)

[Experimental rotavirus infection in a newborn calf] Linhares AC, et al. **Rev Latinoam Microbiol** 1984 Jan-Mar; 26(1):15-20 (Eng. Abstr.) (Por)

[Identification by electron microscopy of a corona-like virus inducing diarrhea in piglets] Slobodeniuk VK, et al. **Vopr Virusol** 1985 Mar-Apr;30(2):204-7 (Eng. Abstr.) (Rus)

DIARRHEA, INFANTILE

[Clinical, bacteriological and laboratory findings in children with acute diarrhea (diarrhoea acuta)]. Retrospective analysis of 1976-1982] Hadžić M, et al. **Srp Arh Celok Lek** 1983 Aug;111(8):1061-75 (Scr)

[Etiology and epidemiology of enteritis and infective colitis] Mata L. **GEN** 1983 Jan-Jun;37(1-2):45-68 (Spa)

COMPLICATIONS

Sugar intolerance in acute gastroenteritis in infancy and childhood. Srivastava VK, et al. **Indian Pediatr** 1984 Jun; 21(6):485-9

Oral rehydration for the low-birthweight baby with diarrhoea [letter] Abdalla S, et al. **Lancet** 1984 Oct 6; 2(8406):818-9

[Vomiting as a clinical indicator of diarrhea caused by rotaviruses] Vega-Franco L, et al.

Bol Med Hosp Infant Mex 1985 Mar;42(3):169–74 (Eng. Abstr.) (Spa)

[Etiology of infantile malnutrition: the role of diarrheal disease] Mora JO. **GEN** 1983 Jan–Jun;37(1–2):124–55 (Spa)

DIAGNOSIS

Viral diarrhoeas. Butler TC. **J Diarrhoeal Dis Res** 1984 Sep;2(3):137–41

Clinical features and laboratory diagnosis of rotavirus-associated gastroenteritis in infants and children. Kumar A, et al. **J Diarrhoeal Dis Res** 1984 Sep;2(3):142–6

Lactose intolerance and diarrhea: are they related? Angelides AG, et al. **Pediatr Ann** 1985 Jan;14(1):62–3, 66–7, 70–1 passim

[Diagnosis of the chronic diarrhea syndrome in young infants and preschoolers] Sazanova NE, et al. **Pediatriia** 1985 Jun;(6):40–2 (Rus)

DIET THERAPY

Tolerance to glucose polymers in malnourished infants with diarrhea and disaccharide intolerance. Fagundes-Neto U, et al. **Am J Clin Nutr** 1985 Feb;41(2):228–34

A semi-elemental diet with low osmolarity and high content of hydrolyzed lactalbumin in the treatment of acute diarrhea in malnourished children. Eichenberger JR, et al. **Arq Gastroenterol** 1984 Jul–Sep;21(3):130–5

Dietary treatment of acute diarrhea: comparison between cow's milk and a soy formula without disaccharides. Dagan R, et al. **J Trop Pediatr** 1984 Aug;30(4):221–4

[Dietetic treatment of acute childhood diarrhea (letter)] Houllemare L. **Arch Fr Pediatr** 1984 Nov;41(9):659–60 (Fre)

[Optimal relation of the various components of the diet in the treatment of chronic infantile diarrhea] Ambrosioni G, et al. **Minerva Pediatr** 1984 Oct 15;36(19):961–9 (Eng. Abstr.) (Ita)

[Comparative evaluation of 2 food formulas for children with acute diarrhea] Loredo-Abdalá A, et al. **Bol Med Hosp Infant Mex** 1984 Aug;41(8):432–6 (Eng. Abstr.) (Spa)

[The modular diet] Barrera F, et al. **Rev Chil Pediatr** 1984 Sep–Oct;55(5):360–2 (Eng. Abstr.) (Spa)

[Refractory diarrhea] Barrera F, et al. **Rev Chil Pediatr** 1984 Sep–Oct;55(5):316–20 (Eng. Abstr.) (Spa)

DRUG THERAPY

Loperamide in acute childhood diarrhoea: a double blind controlled trial. Kassem AS, et al. **J Diarrhoeal Dis Res** 1983 Mar;1(1):10–6

Efficacy of cholestyramine in acute infantile diarrhoea: placebo-controlled double-blind trial in hospitalized children and in outpatients. Vesikari T, et al. **J Diarrhoeal Dis Res** 1984 Sep;2(3):151–8

Toddler diarrhoea: observations on the effects of aspirin and loperamide. Hamdi I, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):362–5

[Current therapeutic problems in the treatment of infectious diarrheal diseases in children] Sliwa F, et al. **Padiatr Padol** 1985;20(3):307–14 (Eng. Abstr.) (Ger)

ETIOLOGY

Cow's milk, soya milk and goat's milk in a mother's diet causing eczema and diarrhoea in her breast fed infant. Cant AJ, et al. **Acta Paediatr Scand** 1985 May;74(3):467–8

Aetiology of diarrhoea in adequately nourished young African children in Durban, South Africa. Mackenjee MK, et al. **Ann Trop Paediatr** 1984 Sep;4(3):183–7

Chronic non-specific diarrhoea. Savilahti E, et al. **Arch Dis Child** 1985 May;60(5):452–6

Enteropathogens colonisation of the jejunum in paediatric diarrhoea. Bhan MK, et al. **Indian J Med Res** 1985 Feb;81:133–9

Gastroenteritis associated with enterotoxigenic Escherichia coli 078 H12. Moloney AC, et al. **Ir J Med Sci** 1985 Jan;154(1):23–6

Lactose malabsorption is not a cause of diarrhea during phototherapy. Bujanover Y, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):196–8

Chronic diarrhea and failure to thrive in an infant with Campylobacter jejuni. Pignata C, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):812–4

Primary sucrase-isomaltase deficiency: importance of clinical judgment [letter] Moore D, et al. **Lancet** 1985 Jul 20;2(8447):164–5

Does malnutrition predispose children to diarrhea? **Nutr Rev** 1985 May;43(5):144–5 (15 ref.)

The role of allergy in diarrhea: cow's milk protein allergy. Gryboski JD. **Pediatr Ann** 1985 Jan;14(1):31–2, 33–4, 36

Viral diarrhea. Hamilton JR. **Pediatr Ann** 1985 Jan;14(1):25–8

Common bacterial causes of bloody diarrhea. Silverman A. **Pediatr Ann** 1985 Jan;14(1):39–45, 48–50

Intestinal parasites in pediatric patients with diarrhoeal diseases in Bangkok. Chavalittamrong B, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep;15(3):385–8

Rotavirus in pediatric diarrhoea at Siriraj Hospital, Bangkok, Thailand. Louisirirotchanakul S, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep;15(3):348–53

Role of rotavirus as the cause of acute paediatric diarrhoea in Calcutta. Saha MR, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):818–20

[Etiology of acute infantile gastroenteritis in Gabon] Gendrel D, et al. **Bull Soc Pathol Exot Filiales** 1985;78(3):290–5 (Eng. Abstr.) (Fre)

[Intolerance to rice: a food intolerance uncommon in children] Tedeschi A, et al. **Pediatrie** 1984 Jun;39(4):289–90 (Eng. Abstr.) (Fre)

[The postenteritis syndrome] Boda M, et al. **Orv Hetil** 1984 Dec 9;125(50):3043–6 (Eng. Abstr.) (Hun)

[New protagonists of infectious diarrhea in childhood. Pathogenetic and clinical aspects] Giorgi PL, et al. **Minerva Pediatr** 1985 Jan 31;37(1–2):29–48 (131 ref.) (Eng. Abstr.) (Ita)

[Acute diarrheal diseases in children. I] Popescu V, et al. **Rev Pediatr Obstet Ginecol [Pediatr]** 1984 Jul–Sep;33(3):193–214 (Eng. Abstr.) (Rum)

[Etiology of protracted diarrhea in children] Coello-Ramírez P, et al. **Bol Med Hosp Infant Mex** 1984 Nov;41(11):605–10 (Eng. Abstr.) (Spa)

[Longitudinal study of intestinal colonization in a sample of rural Mexican children. I. Study design and initial findings during the neonatal period] Cravioto A, et al. **Bol Med Hosp Infant Mex** 1985 May;42(5):287–96 (Eng. Abstr.) (Spa)

[Rotavirus and other enteropathogens in the etiology of acute diarrhea in Medellín, Colombia, 1982] Trujillo H, et al. **Bol Of Sanit Panam** 1985 Mar;98(3):251–60 (Eng. Abstr.) (Spa)

[Diarrhea caused by Campylobacter fetus jéjuni and other infective agents in children of the rural area of Puriscal, Costa Rica] Vives M, et al. **Rev Biol Trop** 1984 Jun;32(1):137–43 (Eng. Abstr.) (Spa)

FAMILIAL & GENETIC

Prenatal ultrasonic findings in congenital chloride diarrhoea. Kirkinen P, et al. **Prenat Diagn** 1984 Nov–Dec;4(6):457–61

[The place of genetics in infantile diarrhea] Cadranel S. **Acta Gastroenterol Belg** 1984 Mar–Apr;47(2):113–4 (Fre)

IMMUNOLOGY

Specific autoantibodies to gut epithelium in two infants with severe protracted diarrhoea. Savage MO, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):187–95

Protection against rotavirus-induced gastroenteritis in a murine model by passively acquired gastrointestinal but not circulating antibodies. Offit PA, et al. **J Virol** 1985 Apr;53(4):58–64

METABOLISM

Carbohydrate malabsorption in infants with diarrhea: diagnostic and evolutive aspects. Maffei HV, et al. **Arq Gastroenterol** 1984 Jul–Sep;21(3):136–42

MICROBIOLOGY

Risk factors for fatal childhood diarrhea: a case-control study from two remote Panamanian islands. Ryder RW, et al. **Am J Epidemiol** 1985 Apr;121(4):605–10

Enteropathogenic Escherichia coli (EPEC) and enterotoxigenic (ETEC) related diarrhoeal disease in a neonatal unit. Adhikari M, et al. **Ann Trop Paediatr** 1985 Mar;5(1):19–22

Transitional diarrhoea in newborn infants. Maiya PP, et al. **Ann Trop Paediatr** 1985 Mar;5(1):11–4

Acute diarrhoea and rotavirus infections in young children in Kuwait. Sethi SK, et al. **Ann Trop Paediatr** 1984 Jun;4(2):117–21

Intestinal permeability changes and excretion of micro-organisms in stools of infants with diarrhoea and vomiting. Weaver LT, et al. **Arch Dis Child** 1985 Apr;60(4):326–32

Colonization of the jejunum with aerobe-anaerobe facultative bacteria and its significance in infantile disease. Ivanof DS, et al. **Arch Roum Pathol Exp Microbiol** 1984 Jan–Mar;43(1):31–7

Enteropathogenic Escherichia coli of classic serotypes associated with infant diarrhea: epidemiology and pathogenesis. Levine MM, et al. **Epidemiol Rev** 1984;6:31–51 (144 ref.)

Salmonella typhimurium—a major serotype in infantile diarrhoea. Fule RP, et al. **Indian J Pediatr** 1984 Jul–Aug;51(411):395–6

Plasmid mediated enterotoxin production and drug resistance amongst Escherichia coli from cases of infantile diarrhea. Gowal D, et al. **Indian J Pediatr** 1985 Jan–Feb;52(414):57–9

Prevalence of multiple drug resistance amongst strains of Esch. coli isolated from cases of diarrhea. Saxena SN, et al. **Indian J Pediatr** 1983 Nov–Dec;50(407):607–11

Survey in Vanuatu on enterotoxigenic Escherichia coli in children and infants with and without acute diarrhea. Germani Y, et al. **J Clin Microbiol** 1985 Apr;21(4):630–3

Bacteriological profile of diarrhoea of infants and toddlers in a semi-urban community. Gupta NK, et al. **J Commun Dis** 1985 Mar;17(1):59–67

The etiology of diarrhoea studied in the community in young urban Gambian children. Goh Rowland SG, et al. **J Diarrhoeal Dis Res** 1985 Mar;3(1):7–13

Gastrointestinal carriage of toxigenic bacteria: relation to diarrhea and to serum immune response. Cushing AH, et al. **J Infect Dis** 1985 Jan;151(1):114–23

Rotavirus prevalence and relationships with climatological factors in Gabon, Africa. Sitbon M, et al. **J Med Virol** 1985 Jun;16(2):177–82

Shiga-like toxin-converting phages from Escherichia coli strains that cause hemorrhagic colitis or infantile diarrhea. O'Brien AD, et al. **Science** 1984 Nov 9;226(4675):694–6

[Pathogenic factors in strains of enteropathogenic E.coli isolated during an epidemic of infantile diarrhea] Bielaszewská M, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 Mar;34(2):112–22 (Eng. Abstr.) (Cze)

[Epidemiologic study of enterotoxigenic and enteropathogenic Escherichia coli isolated from infantile diarrhea cases on the Wallis and Futuna Islands (French Overseas Territory)] Germani Y, et al. **Bull Soc Pathol Exot Filiales** 1985;78(2):141–9 (Eng. Abstr.) (Fre)

[Etiological evaluation of acute diarrhea in children hospitalized in Casablanca] Benbachir M, et al. **Pathol Biol (Paris)** 1984 Nov;32(9):969–71 (Eng. Abstr.) (Fre)

[Detection of rotavirus in the feces of children with diarrhea] Galko NV, et al. **Vopr Virusol** 1984 Sep–Oct;29(5):596–9 (Eng. Abstr.) (Rus)

[Frequency of enteropathogenic micro-organisms isolated in children with and without acute diarrhea] Alvarado-Alemán F, et al. **Bol Med Hosp Infant Mex** 1985 Jun;42(6):354–9 (Eng. Abstr.) (Spa)

[Sensitivity and specificity of rotaphoresis in the diagnosis of diarrhea caused by rotavirus] Vega-Franco L, et al. **Bol Med Hosp Infant Mex** 1984 Dec;41(12):656–60 (Eng. Abstr.) (Spa)

[Analysis of classical enteropathogenic Escherichia coli as an endemic cause of acute diarrhea in Chilean children] Prado V, et al. **Rev Chil Pediatr** 1984 May–Jun;55(3):171–5 (Eng. Abstr.) (Spa)

[1st isolations of Campylobacter jejuni in Panama] Kourany M, et al. **Rev Med Panama** 1984 Sep;9(3):254–60 (Eng. Abstr.) (Spa)

MORTALITY

Risk factors for death in complicated diarrhoea of children. Samadi AR, et al. **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1615–7

The seasonality of infant deaths due to diarrheal and respiratory diseases in southern Brazil, 1974–1978. Victora CG, et al. **Bull Pan Am Health Organ** 1985;19(1):29–39

OCCURRENCE

Epidemiological aspects of rotavirus infection in young Gambian children. Rowland MG, et al. **Ann Trop Paediatr** 1985 Mar;5(1):23–8

Breast-feeding, weight gains, diarrhea, and malnutrition in the first year of life. López Bravo I, et al. **Bull Pan Am Health Organ** 1984;18(2):151–63

Salmonella Heidelberg enteritis—an outbreak in the neonatal unit Harare Central Hospital. Bannerman CH. **Cent Afr J Med** 1985 Jan;31(1):1–4

Age distribution and seasonal pattern of rotavirus infection in children in Kenya. Mutanda LN, et al. **J Diarrhoeal Dis Res** 1984 Sep;2(3):147–50

A study of rotavirus diarrhoea in children in a north Indian community. Panigrahi D, et al. **J Diarrhoeal Dis Res** 1985 Mar;3(1):20–3

Rotavirus infections in high-risk neonates. Walther FJ, et al. **J Hosp Infect** 1984 Dec;5(4):438–43

The epidemiological study on viral diarrhoea in Thailand. Wasi C, et al. **J Med Assoc Thai** 1984 Jul;67(7):369–75

[Acute gastroenteritis and breast feeding in Gabon. Preliminary results] Gendrel D, et al. **Med Trop (Mars)** 1984 Oct–Dec;44(4):323–5 (Eng. Abstr.) (Fre)

[Diarrhea in infants under 2 years of age 1982] Anusz Z. **Przegl Epidemiol** 1984;38(2):183–5 (Pol)

[Method of feeding and the incidence of infections in infants in the first trimester of life] Niżankowska-Blaż T, et al. **Wiad Lek** 1984 Oct 1;37(19):1511–5 (Eng. Abstr.) (Pol)

[Analysis of an outbreak of diarrhea by E. coli 0142 in newborn infants] Hering E, et al. **Rev Chil Pediatr** 1984 May–Jun;55(3):175–9 (Eng. Abstr.) (Spa)

[Rotavirus infection in children of 2 cities of the state of Chiapas, Mexico] Escárzaga E, et al. **Rev Latinoam Microbiol** 1984 Jan–Mar;26(1):39–45 (Eng. Abstr.) (Spa)

PARASITOLOGY

Cryptosporidiosis in Venezuelan children with acute diarrhea. Perez-Schael I, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):721–2

PATHOLOGY

Congenital microvillous atrophy: specific diagnostic features. Phillips AD, et al. **Arch Dis Child** 1985 Feb;60(2):135–40

Ultrastructural study of alterations in the small intestinal epithelium of children with acute diarrhea. Fagundes-Neto U, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):510–5

PHYSIOPATHOLOGY

[Acute diarrheal disease. Treatment of dehydration] Pizarro D, et al. **GEN** 1983 Jan–Jun;37(1–2):82–106 (Spa)

PREVENTION & CONTROL

Interventions for the control of diarrhoeal diseases among young children: prevention of low birth weight. Ashworth A, et al. **Bull WHO** 1985;63(1):165–84 (129 ref.)

The Blue Nile Health Project: a comprehensive approach to the prevention and control of water-associated diseases in irrigated schemes of the Sudan. el Gaddal AA. **J Trop Med Hyg** 1985 Apr;88(2):47–56

RADIOGRAPHY

Barium enema findings (? segmental colitis) in four neonates with bloody diarrhea—possible cow's milk allergy. Swischuk LE, et al. **Pediatr Radiol** 1985;15(1):34–7

THERAPY

Unsuccessful oral rehydration therapy in an infant with enteropathogenic E. coli diarrhoea. Studies of fluid and electrolyte homeostasis. Marin L, et al. **Acta Paediatr Scand** 1985 May;74(3):477–9

Advances in therapy of diarrheal dehydration: oral rehydration. Levine MM, et al. **Adv Pediatr** 1984;31:207–34

Effect on clinical outcome of breast feeding during acute diarrhoea. Khin MU, et al. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):587–9

Effect on clinical outcome of breast feeding during acute diarrhoea [letter] Nalin DR. **Br Med J [Clin Res]** 1985 Apr 20;290(6476):1217

Mixed rehydration. Posada G, et al. **Bull Pan Am Health Organ** 1985;19(1):40–4

Management of acute childhood diarrhoea with oral rehydration therapy at Kenyatta National Hospital, Nairobi, Kenya. Kinoti SN, et al. **East Afr Med J** 1985 Jan;62(1):5–11

Diarrhoea: after rehydration, what next? Howard FM, et al. **Hum Nutr Appl Nutr** 1985 Feb;39(1):53–61

Effectiveness of oral glucose electrolyte solution in the treatment of acute diarrhoeas in neonates & young infants. Datta P, et al. **Indian J Med Res** 1984 Oct;80:435–8

Oral rehydration of neonates and young infants with dehydrating diarrhea. Sachdev HP, et al. **Indian Pediatr** 1984 Mar;21(3):195–9

Accuracy of mixing oral rehydration solution at home by Egyptian mothers. el-Mougi M, et al. **J Diarrhoeal Dis Res** 1984 Sep;2(3):159–61

Home-based education of mothers in treatment of diarrhoea with oral rehydration solution. Sachar RK, et al. **J Diarrhoeal Dis Res** 1985 Mar;3(1):29–31

Wheat extract and milk mixture as a milk substitute for children with milk intolerance. Suthutvoravut U, et al. **J Diarrhoeal Dis Res** 1984 Sep;2(3):168–72

Oral rehydration of neonates and young infants with dehydrating diarrhea: comparison of low and standard sodium content in oral rehydration solutions. Bhargava SK, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):500–5

Oral rehydration, rapid feeding, and cholestyramine for treatment of acute diarrhea. Isolauri E, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):366–74

Treatment of infantile diarrhoea with standard oral rehydration solution and early introduction of milk feeds. Samadi AR, et al. **J Trop Pediatr** 1985 Jun;31(3):162–6

Oral rehydration for low birth weight baby with diarrhoea [letter] Sachdev HP. **Lancet** 1984 Dec 22;2(8417–18):1474

Management of chronic diarrhea with parenteral nutrition and enteral infusion techniques. Ament ME. **Pediatr Ann** 1985 Jan;14(1):53, 57–60

Management of the infant with persistent diarrhea. Fitzgerald JF. **Pediatr Infect Dis** 1985 Jan–Feb;4(1):6–9

Role of soy-based, lactose-free formula during treatment of acute diarrhea. Santosham M, et al. **Pediatrics** 1985 Aug;76(2):292–8

Oral rehydration therapy for acute diarrhea in ambulatory children in the United States: a double-blind comparison of four different solutions. Santosham M, et al. **Pediatrics** 1985 Aug;76(2):159–66

Oral rehydration therapy in the home by village mothers in Burma. Thane-Toe, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):581–9

[Acute diarrhea in children. Trends in therapy] Ghisolfi J. **Ann Pediatr (Paris)** 1985 Mar;32(3):163–7 (Eng. Abstr.) **(Fre)**

[Exclusive parenteral nutrition via a peripheral vein in the treatment of severe protracted diarrhea in early childhood. Personal experience and clinical contribution] Gobio Casali L, et al. **Pediatr Med Chir** 1984 Jan–Feb;6(1):87–93 (Eng. Abstr.) **(Ita)**

[Protocol of treatment of acute diarrhea in infancy] Gobio Casali L, et al. **Pediatr Med Chir** 1983 Nov–Dec;5(6):493–500 (Eng. Abstr.) **(Ita)**

[Treatment of gastroenteritis dehydration with a gluco-electrolytic solution given orally in a hospital milieu] Baldellou Vázquez A, et al. **An Esp Pediatr** 1984 Jun;20(9):860–8 (Eng. Abstr.) **(Spa)**

[Long-term control of infants treated with total parenteral nutrition for diarrheic syndrome] Duffau G, et al. **Bol Med Hosp Infant Mex** 1984 Dec;41(12):661–4 (Eng. Abstr.) **(Spa)**

[Oral hydration in infants hospitalized for acute diarrheic syndrome, using formulations of different energy densities] Duffau-Toro G, et al. **Bol Med Hosp Infant Mex** 1985 Jan;42(1):9–15 (Eng. Abstr.) **(Spa)**

[Rehydration by the oral route in newborn infants dehydrated by acute diarrheal disease] Umaña MA, et al. **Bol Med Hosp Infant Mex** 1984 Sep;41(9):460–3 (Eng. Abstr.) **(Spa)**

[Acute diarrhea syndrome. Rehydration and maintenance therapy using oral gluco-electrolyte formulas] Duffau Toro G, et al. **Bol Of Sanit Panam** 1985 Feb;98(2):136–43 (Eng. Abstr.) **(Spa)**

[Treatment of diarrheal disease in newborn infants] Pizarro Torres D. **GEN** 1983 Jan–Jun;37(1–2):69–81 **(Spa)**

TRANSMISSION

Vertical transmission of enteric pathogens at birth. Duangmani C, et al. **Ann Trop Paediatr** 1985 Mar;5(1):15–8

Studies of diarrhoea in Quindio (Colombia): problems related to water treatment. Bersh D, et al. **Soc Sci Med** 1985;21(1):31–9

DIARRHEOGENIC TUMOR see under **ISLET CELL TUMOR**

DIASTASE see **AMYLASES**

DIASTEMA

see related
LABIAL FRENUM

OCCURRENCE

Spaced dentition. An epidemiologic study. Steigman S, et al. **Angle Orthod** 1985 Apr;55(2):167–76

Incidence of the maxillary midline diastema in adults. McVay TJ, et al. **J Prosthet Dent** 1984 Dec;52(6):809–11

SURGERY

[Diastema or laryngeal or posterior laryngotracheal cleft. Analysis of 16 cases] Andrieu-Guitrancourt J, et al. **Chir Pediatr** 1984;25(4–5):219–27 (Eng. Abstr.) **(Fre)**

THERAPY

Custom-matrix technique for composite resin restoration of diastemas. Chen DT, et al. **J Prosthet Dent** 1985 Jan;53(1):6–9

Use of composite resin for restorative and orthodontic correction of anterior interdental spacing. Heymann HO, et al. **J Prosthet Dent** 1985 Jun;53(6):766–71

DIASTEMATOMYELIA see **NEURAL TUBE DEFECTS**

DIASTOLE see under **MYOCARDIAL CONTRACTION**

DIATHERMY

Reconstructive surgery of hydrosalpinx with and without the carbon dioxide laser. Tulandi T, et al. **Fertil Steril** 1984 Dec;42(6):839–42

Congenital anomalies and paternal occupational exposure to shortwave, microwave, infrared, and acoustic radiation. Logue JN, et al. **J Occup Med** 1985 Jun;27(6):451–2

Controlled comparison of short-wave diathermy treatment with osteopathic treatment in non-specific low back pain. Gibson T, et al. **Lancet** 1985 Jun 1;1(8440):1258–61

Simultaneous handling of the diathermy pen and scalpel. Lam KH. **Laryngoscope** 1985 Mar;95(3):348

[Effects of infrared and UVA rays on the human skin and their efficacy in the treatment of atopic dermatitis] Pullmann H, et al. **Z Hautkr** 1985 Jan;60(1–2):171–7 (Eng. Abstr.) **(Ger)**

[Treatment of facial neuritis patients with decimeter waves] Antropova NM, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Jul–Aug;(4):33–5 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Rectal burn after the use of an anal stainless steel electrode/transducer system for monitoring myoneural junction [letter] Brock-Utne JG, et al. **Anesth Analg** 1984 Dec;63(12):1141–2

INSTRUMENTATION

A fiberoptic diathermy tissue manipulator for use in vitreous surgery [letter] McCuen BW 2d, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):803–4

The assessment of unwanted radiation around diathermy RF capacitive applicators. Tofani S, et al. **Health Phys** 1984 Aug;47(2):235–41

Bipolar diathermy forceps with automatic irrigation. Technical note. Ohta T, et al. **J Neurosurg** 1985 Jun;62(6):933–4

METHODS

Post-surgical effect of pulsed shortwave therapy. Santiesteban AJ, et al. **J Am Podiatr Med Assoc** 1985 Jun;75(6):306–9

Recurrent erosion. Wood TO. **Trans Am Ophthalmol Soc** 1984;82:850–98 (118 ref.)

DIATHERMY, SURGICAL see **ELECTROCOAGULATION**

DIATHESIS see **DISEASE SUSCEPTIBILITY**

DIATRIZOATE

Viscosity of iodinated contrast agents: significance for peripheral venous injection. Mitchell DG, et al. **J Comput Tomogr** 1985 Jan;9(1):77–8

ADMINISTRATION & DOSAGE

Distal coronary power injection during percutaneous transluminal coronary angioplasty. Sanders M, et al. **Cathet Cardiovasc Diagn** 1984;10(6):603–5

Liposomes carrying diatrizoate. Characterization of biophysical properties and imaging applications. Seltzer SE, et al. **Invest Radiol** 1984 Mar–Apr;19(2):142–51

[Evaluation of changes in the density of the vertebral body after intravenous administration of contrast medium during routine CT examination] Janíček M, et al. **Cesk Radiol** 1984 Jul;38(4):243–7 (Eng. Abstr.) **(Cze)**

ADVERSE EFFECTS

Ventricular fibrillation during coronary angiography: an analysis of mechanisms. Murdock DK, et al. **Am Heart J** 1985 Feb;109(2):265–73

Ventricular fibrillation during coronary angiography in dogs: the role of calcium-binding additives. Murdock DK, et al. **Am J Cardiol** 1984 Oct 1;54(7):897–901

Angiographic contrast agent-induced acute hemolysis in a patient with hemoglobin SC disease. Rao AK, et al. **Arch Intern Med** 1985 Apr;145(4):759–60

Immune-mediated thrombocytopenia due to an iodinated contrast medium (diatrizoate). Shojania AM. **Can Med Assoc J** 1985 Jul 15;133(2):123

Ventricular fibrillation during coronary angiography: reduced incidence in man with contrast media lacking calcium binding additives. Murdock DK, et al. **Cathet Cardiovasc Diagn** 1985;11(2):153–9

Anaphylactoid reaction to contrast agents [letter] Reddy KS, et al. **Cathet Cardiovasc Diagn** 1984;10(6):643–4

Increased urine histamine and contrast media reactions. Kaliner M, et al. **Invest Radiol** 1984 Mar–Apr;19(2):116–8

Comparison of the hemodynamic effects of Hexabrix and Renografin-76 following left ventriculography and coronary arteriography. Svenson RH. **Invest Radiol** 1984 Nov–Dec;19(6 Suppl):S333–4

A double-blind clinical comparison of the electrophysiologic adverse effects of Hexabrix and Renografin-76. Wolf GL. **Invest Radiol** 1984 Nov–Dec;19(6 Suppl):S328–32

Potentiation by nifedipine and diltiazem of the hypotensive response after contrast angiography. Morris DL, et al. **J Am Coll Cardiol** 1985 Oct;6(4):785–91

Time course alterations of QTC interval due to hypaque 76. Amidi M, et al. **J Electrocardiol** 1985 Jan;18(1):51–4

ANALOGS & DERIVATIVES

Effect of prostaglandin inhibition on the renal vascular response to ionic and non-ionic contrast media in the dog. Lund G, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(5):407–10

A comparison of Hexabrix and Renografin-60 in knee arthrography. Apple JS, et al. **AJR** 1985 Jul;145(1):139–42

Ventricular fibrillation during coronary angiography: an analysis of mechanisms. Murdock DK, et al. **Am Heart J** 1985 Feb;109(2):265–73

Changes in left ventricular diastolic function after left ventriculography: a comparison with iopamidol and urografin. Tani M, et al. **Am Heart J** 1985 Sep;110(3):617–22

Right ventricular imaging with digital subtraction angiocardiography using intraventricular contrast injection. Lange PE, et al. **Am J Cardiol** 1984 Oct 1;54(7):839–42

Ventricular fibrillation during coronary angiography in dogs: the role of calcium-binding additives. Murdock DK, et al. **Am J Cardiol** 1984 Oct 1;54(7):897–901

Intraoperative hypoxia and hypotension caused by gastrografin-induced hypovolemia. Maneksha FR, et al. **Anesthesiology** 1984 Oct;61(4):454–6

Radiographic contrast medium—induced glossitis. Goodkin DA. **Arch Intern Med** 1985 Jan;145(1):171–2

Angiographic contrast agent-induced acute hemolysis in a patient with hemoglobin SC disease. Rao AK, et al. **Arch Intern Med** 1985 Apr;145(4):759–60

Is Urografin anti-anaesthetic [letter] Bar ZG. **Br J Anaesth** 1985 Aug;57(8):835

Injection of contrast medium within the interatrial septum: an unusual complication of right atrial angiography. Markiewicz W. **Cathet Cardiovasc Diagn** 1985;11(3):279–81

Ventricular fibrillation during coronary angiography: reduced incidence in man with contrast media lacking calcium binding additives. Murdock DK, et al. **Cathet Cardiovasc Diagn** 1985;11(2):153–9

Inotropic effects of ionic contrast media: the role of calcium binding additives. Murdock DK, et al. **Cathet Cardiovasc Diagn** 1984;10(5):455–63

Contrast agents for selective coronary arteriography [letter] Paulin S. **Cathet Cardiovasc Diagn** 1984;10(4):425–7

Anaphylactoid reaction to contrast agents [letter] Reddy KS, et al. **Cathet Cardiovasc Diagn** 1984;10(6):643–4

Distal coronary power injection during percutaneous transluminal coronary angioplasty. Sanders M, et al. **Cathet Cardiovasc Diagn** 1984;10(6):603–5

Left ventriculography induced coronary artery spasm. Fleming G, et al. **Clin Cardiol** 1984 Oct;7(10):560–2

Effect of the contrast medium meglumine amidotrizoate on renal extraction of para-amino hippurate after injection into the renal vein. Tidgren B. **Clin Physiol** 1985 Jun;5(3):301–10

Occupational contrast media dermatitis: meglumine diatrizoate. Verschaeve A, et al. **Contact Dermatitis** 1984 Nov;11(5):318–9

The haemodynamic effects of left ventriculography in coronary artery disease and mitral valve disease: a comparison of high and low osmolality contrast media. Fraser AG, et al. **Eur Heart J** 1984 Sep;5(9):727–34

Prostacyclin (PGI2) and thromboxane (TXA2) levels during intravenous contrast medium administration in CT. Paajanen H. et al. **Eur J Radiol** 1985 Aug;5(3):243–5

Short-term hemodynamic effects of diatrizoate and ioxaglate contrast media in left ventriculography. Fast JH, et al. **Int J Cardiol** 1985 May;8(1):13–23

Fatal cerebral edema following angiocardiography: a case report. Shrivastava S, et al. **Int J Cardiol** 1985 Aug;8(4):490–1

A double-blind comparative study of Hexabrix and Renografin-76 in aortography and visceral arteriography. Barth KH, et al. **Invest Radiol** 1984 Nov–Dec;19(6 Suppl):S323–5

Double-blind comparison of Hexabrix and Renografin-76 in computed tomography. Berland LL. **Invest Radiol** 1984 Nov–Dec;19(6 Suppl):S376–7

Comparison of an ionic with a nonionic contrast agent for cardiac angiography. Results of a multicenter trial. Bettmann MA, et al. **Invest Radiol** 1985 Jan–Feb;20(1 Suppl):S70–4

Characterization of changes in coronary blood flow during the first six seconds after intracoronary contrast injection. Hodgson JM, et al. **Invest Radiol** 1985 May–Jun;20(3):246–52

Increased urine histamine and contrast media reactions. Kaliner M, et al. **Invest Radiol** 1984 Mar–Apr;19(2):116–8

A double-blind clinical study comparing the safety and efficacy of Hexabrix and Renografin-76 in contrast enhanced computed body tomography. McClennan BL, et al. **Invest Radiol** 1984 Nov–Dec;19(6 Suppl):S378–84

A double-blind clinical study comparing tolerability, safety, and efficacy of Hexabrix and Renografin-76 for intravenous subtraction angiography. Nelson JA, et al. **Invest Radiol** 1984 Nov–Dec;19(6 Suppl):S366–7

Excretion of contrast media by the immature rabbit. Comparison of Renografin and Iopamidol. Rosenbaum DM, et al. **Invest Radiol** 1984 Mar–Apr;19(2):123–8

Digital subtraction angiography. Comparison of meglumine-Na diatrizoate with iohexol. Sackett JF, et al. **Invest Radiol** 1985 Jan–Feb;20(1 Suppl):S53–61

A comparison of Hexabrix and Renografin 60 in peripheral arteriography. Sacks BA, et al. **Invest Radiol** 1984 Nov–Dec;19(6 Suppl):S320–2

Clinical comparison of Hexabrix, iopamidol, and Urografin-60 in whole body computed tomography. Spataro RF, et al. **Invest Radiol** 1984 Nov–Dec;19(6 Suppl):S372–5

Comparison of the hemodynamic effects of Hexabrix and Renografin-76 following left ventriculography and coronary arteriography. Svenson RH. **Invest Radiol** 1984 Nov–Dec;19(6 Suppl):S333–4

A double-blind clinical comparison of Hexabrix and Renografin-76 for intravenous digital subtraction angiography. Turski PA, et al. **Invest Radiol** 1984 Nov–Dec;19(6 Suppl):S363–5

A double-blind clinical comparison of the electrophysiologic adverse effects of Hexabrix and Renografin-76. Wolf GL. **Invest Radiol** 1984 Nov–Dec;19(6 Suppl):S328–32

The effect of ion composition on cellular membrane potentials during selective coronary arteriography. Wolpers HG, et al. **Invest Radiol** 1984 Jul–Aug;19(4):291–5

Functional and pathologic effects of multiple echocardiographic contrast injections on the myocardium, brain and kidney. Gillam LD, et al. **J Am Coll Cardiol** 1985 Sep;6(3):687–94

Potentiation by nifedipine and diltiazem of the hypotensive response after contrast angiography. Morris DL, et al. **J Am Coll Cardiol** 1985 Oct;6(4):785–91

Low dose arterial contrast enhancement for cranial computed tomography in renal insufficiency. Kier R, et al. **J Comput Assist Tomogr** 1985 Jul–Aug;9(4):800–2

Gastrografin versus dilute barium for colonic CT examination: a blind, randomized study. Mitchell DG, et al. **J Comput Assist Tomogr** 1985 May–Jun;9(3):451–3

Delayed iodine scanning of the liver: a promising CT technique. Phillips VM, et al. **J Comput Assist Tomogr** 1985 Mar–Apr;9(2):415–6

Time course alterations of QTC interval due to hypaque 76. Amidi M, et al. **J Electrocardiol** 1985 Jan;18(1):51–4

Antitumor effect of lipiodolized doxorubicin on VX2 carcinoma in rabbits. Furuta T, et al. **Jpn J Surg** 1985 Jan;15(1):89–91

Effect of urinary pH and diatrizoate on Bence Jones protein nephrotoxicity in the rat. Holland MD, et al. **Kidney Int** 1985 Jan;27(1):46–50

Myasthenic crisis after intravenous administration of iodinated contrast agent. Chagnac Y, et al. **Neurology** 1985 Aug;35(8):1219–20

Intravenous digital subtraction angiography (IVDSA) in children. Fletcher BD, et al. **Pediatr Radiol** 1984;14(6):425–30

Contrast agents for cardiac angiography: effects of a nonionic agent vs. a standard ionic agent. Bettmann MA, et al. **Radiology** 1984 Dec;153(3):583–7

Oral contrast agents in CT of the abdomen. Garrett PR, et al. **Radiology** 1984 Nov;153(2):545–6

Temporomandibular joint arthrography: comparison of morbidity with ionic and low osmolality contrast media. Katzberg RW, et al. **Radiology** 1985 Apr;155(1):245–6

CT densities in delayed iodine hepatic scanning. Perkerson RB Jr, et al. **Radiology** 1985 May;155(2):445–6

Extravascular lung water: effects of intravenous ionic and non-ionic (lopamidol) contrast media during ischemia. Slutsky RA, et al. **Radiology** 1985 Apr;155(1):11–4

[Clinical study on the use of urografin in the treatment of sudden deafness. Necessary preliminary study, results and review] Fiedler H. **HNO** 1984 Aug;32(8):338–40 (Eng. Abstr.) (Ger)

[Diagnostic possibilities of the contrast medium verografin in liposomes (animal experiments)] Rozenberg OA, et al. **Radiol Diagn (Berl)** 1985;26(2):285–92 (Eng. Abstr.) (Ger)

[Effect of contrast media on glycoside-induced mesenteric ischemia] Seemann WR, et al. **ROFO** 1984 Sep;141(3):333–7 (Eng. Abstr.) (Ger)

[Combined endoscopic-endographic diagnosis of the larynx and trachea with contrast medium powders] Brandt RH. **Z Erkr Atmungsorgane** 1984;163(3):251–5 (Eng. Abstr.) (Ger)

[Results of 189 Visotrast studies in the differential diagnosis of acute intestinal obstruction] Reinbacher L, et al. **Zentralbl Chir** 1985;110(5):284–95 (Eng. Abstr.) (Ger)

[Cardiac complications of intravenous digital angiography. Comparison of ionic and nonionic contrast media] Stacul F, et al. **Radiol Med (Torino)** 1985 Jan–Feb;71(1–2):40–3 (Eng. Abstr.) (Ita)

[Effects of water soluble iodinated contrast media on microcirculation in the rat mesenterium and liver] Kanazawa M. **Nippon Ika Daigaku Zasshi** 1984 Oct;51(5):590–600 (Eng. Abstr.) (Jpn)

[A case of shock by pretesting of contrast media] Kwak R. **Rinsho Hoshasen** 1985 Mar;30(3):407–9 (Eng. Abstr.) (Jpn)

[Thyroid lymphography with water-soluble agents in the diagnosis of thyroiditis] Akinchev AL. **Vestn Rentgenol Radiol** 1985 May–Jun;(3):88–90 (Rus)

BLOOD

[Determination of the binding of 3,5-bis(acetamido)-2,4,6-triiodobenzoic acid and some of its salts to human serum albumin using the ultrafiltration flat chamber method] Kinawi A, et al. **Arzneimittelforsch** 1984;34(7):819–21 (Eng. Abstr.) (Ger)

DIAGNOSTIC USE

A comparison of Hexabrix and Renografin-60 in knee arthrography. Apple JS, et al. **AJR** 1985 Jul;145(1):139–42

Contrast agents for selective coronary arteriography [letter] Paulin S. **Cathet Cardiovasc Diagn** 1984;10(4):425–7

A comparison of dilute barium and dilute water-soluble contrast in opacification of the bowel for abdominal computed tomography. Chambers SE, et al. **Clin Radiol** 1984 Nov;35(6):463–4

A double-blind comparative study of Hexabrix and Renografin-76 in aortography and visceral arteriography. Barth KH, et al. **Invest Radiol** 1984 Nov–Dec;19(6 Suppl):S323–5

Double-blind comparison of Hexabrix and Renografin-76 in computed tomography. Berland LL. **Invest Radiol** 1984 Nov–Dec;19(6 Suppl):S376–7

A double-blind clinical study comparing the safety and efficacy of Hexabrix and Renografin-76 in contrast enhanced computed body tomography. McClennan BL, et al. **Invest Radiol** 1984 Nov–Dec;19(6 Suppl):S378–84

A double-blind clinical study comparing tolerability, safety, and efficacy of Hexabrix and Renografin-76 for intravenous subtraction angiography. Nelson JA, et al. **Invest Radiol** 1984 Nov–Dec;19(6 Suppl):S366–7

A comparison of Hexabrix and Renografin 60 in peripheral arteriography. Sacks BA, et al. **Invest Radiol** 1984 Nov–Dec;19(6 Suppl):S320–2

A double-blind clinical comparison of Hexabrix and Renografin-76 for intravenous digital subtraction angiography. Turski PA, et al. **Invest Radiol** 1984 Nov–Dec;19(6 Suppl):S363–5

Application of contrast agents in CT and MRI (NMR): their potential in imaging of brain tumors. Claussen C, et al. **Neuroradiology** 1985;27(2):164–71

Iohexol and diatrizoate: comparison in visceral arteriography. Adam A, et al. **Radiology** 1985 May;155(2):529

A randomized trial of iohexol versus amidotrizoate in endoscopic retrograde pancreatography. Jensen AR, et al. **Scand J Gastroenterol** 1985 Jan;20(1):83–6

[Combined endoscopic-endographic diagnosis of the larynx and trachea with contrast medium powders] Brandt RH. **Z Erkr Atmungsorgane** 1984;163(3):251–5 (Eng. Abstr.) (Ger)

[Central venous injection of large amounts of contrast media—advantages of a low osmolar contrast medium in experimentally-induced pulmonary hypertension] Schräder R, et al. **Z Kardiol** 1984 Jul;73(7):434–41 (Eng. Abstr.) (Ger)

[Results of 189 Visotrast studies in the differential diagnosis of acute intestinal obstruction] Reinbacher L, et al. **Zentralbl Chir** 1985;110(5):284–95 (Eng. Abstr.) (Ger)

[Clinical evaluation of iopamidol in angiocardiography—a comparative study with diatrizoate] Manabe H, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Dec 25;44(12):1481–93 (Eng. Abstr.) (Jpn)

[Contrasting in the roentgenological picture of the airways by the method of insufflation and inhalation of powdered urogranoic acid. Experimental studies and clinical trials] Szmigielski W. **Pol Przegl Radiol (Warszawa)** 1984 Jul–Aug;48(4):193–202 (Eng. Abstr.) (Pol)

METABOLISM

Excretion of contrast media by the immature rabbit. Comparison of Renografin and Iopamidol. Rosenbaum DM, et al. **Invest Radiol** 1984 Mar–Apr;19(2):123–8

Clinical comparison of Hexabrix, iopamidol, and Urografin-60 in whole body computed tomography. Spataro RF, et al. **Invest Radiol** 1984 Nov–Dec;19(6 Suppl):S372–5

[Contrast medium elimination by hemodialysis] Baars HG, et al. **Z Urol Nephrol** 1984 Aug;77(8):473–81 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

Effect of prostaglandin inhibition on the renal vascular response to ionic and non-ionic contrast media in the dog. Lund G, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(5):407–10

Renal function following nephroangiography with diatrizoate. Effects of saline, mannitol, and diatrizoate on renal blood flow, glomerular permeability and filtration rate and diuresis in dogs. Törnquist C, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(4):343–50

Spreading depression and the blood-brain barrier. de-Araujo-Pinheiro RS, et al. **Braz J Med Biol Res** 1984;17(3–4):265–70

Inotropic effects of ionic contrast media: the role of calcium binding additives. Murdock DK, et al. **Cathet Cardiovasc Diagn** 1984;10(5):455–63

Decreased cerebrospinal fluid production by intravenous sodium diatrizoate. Harnish PP, et al. **Invest Radiol** 1984 Jul–Aug;19(4):318–23

TOXICITY

Neuronal effects of water-soluble contrast agents. Bryan RN, et al. **Invest Radiol** 1984 Jul–Aug;19(4):329–32

Comparative evaluation of the effects of an ionic vs. a nonionic contrast medium on the venous endothelium. Preliminary scanning electron microscopic observations. Morettin LB, et al. **Invest Radiol** 1984 Nov–Dec;19(6):593–6

Iohexol vs. diatrizoate. A comparative study in intravenous urography. Rankin RN, et al. **Invest Radiol** 1985 Jan–Feb;20(1 Suppl):S112–4

Functional and pathologic effects of multiple echocardiographic contrast injections on the myocardium, brain and kidney. Gillam LD, et al. **J Am Coll Cardiol** 1985 Sep;6(3):687–94

Extravascular lung water: effects of intravenous ionic and non-ionic (lopamidol) contrast media during ischemia. Slutsky RA, et al. **Radiology** 1985 Apr;155(1):11–4

DIATRIZOATE MEGLUMINE see under **DIATRIZOATE**

DIAZEPAM

Sequential myocardial depressant and non-depressant anaesthesia for coronary artery surgery. Settergren G, et al. **Acta Anaesthesiol Scand** 1985 Jan;29(1):26–31

The effectiveness of benzodiazepines and narcotics in outpatient surgery. Riefkohl R, et al. **Aesthetic Plast Surg** 1984;8(4):227–30

Diazepam premedication in children [letter] Goldmann L. **Anaesthesia** 1985 Aug;40(8):816–7

Sedation for endoscopy: a comparison between diazepam, and diazepam plus pethidine with naloxone reversal. Boldy DA, et al. **Br J Anaesth** 1984 Oct;56(10):1109–12

Premedication before day surgery. A double-blind comparison of diazepam and placebo. Jakobsen H, et al. **Br J Anaesth** 1985 Mar;57(3):300–5

Comparison of diazepam and midazolam for sedation during local anaesthesia for bronchoscopy. Korttila K, et al. **Br J Anaesth** 1985 Jun;57(6):581–6

Comparison of midazolam, diazepam and placebo i.m. as premedication for regional anaesthesia. A randomized double-blind study. Reinhart K, et al. **Br J Anaesth** 1985 Mar;57(3):294–9

Comparison of the efficacy of chlormethiazole and diazepam as i.v. sedatives for supplementation of extradural anaesthesia. Seow LT, et al. **Br J Anaesth** 1985 Aug;57(8):747–52

The influence of haloperidol and aminooxyacetic acid on etonitazene, alcohol, diazepam and barbital consumption. Fuchs V, et al. **Drug Alcohol Depend** 1984 Oct;14(2):179–86

Parenteral abuse of diazepam: a case report. Kaminer Y, et al. **Drug Alcohol Depend** 1984 Sep;14(1):63–5

A comparison of diazepam and midazolam as sedatives for minor oral surgery. Skelly AM, et al. **Eur J Anaesthesiol** 1984 Sep;1(3):253–67

Diazepam and succinylcholine chloride for restraint of the American alligator. Spiegel RA, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1335–6

Comparison of models describing the sorption of nitroglycerin and diazepam by plastic infusion systems: diffusion and compartment models. Kowaluk EA, et al. **J Pharm Sci** 1985 Jun;74(6):625–33

Responsibilities of prescribing. Avery JK. **J Tenn Med Assoc** 1985 May;78(5):297

Evaluation of ketamine, ketamine–xylazine and ketamine–diazepam anesthesia in the ferret. Moreland AF, et al. **Lab Anim Sci** 1985 Jun;35(3):287–90

Hemodynamic effects of diazepam–vecuronium–fentanyl sequence for induction of anesthesia for coronary artery surgery. Baraka A, et al. **Middle East J Anaesthesiol** 1984 Jun;7(5):337–46

The interdiction of diazepam provision. Mason JC. **Milit Med** 1985 Jul;150(7):376–7

Progress report on the stimulant–depressant abuse liability evaluation project. Woods JH. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:59–62

Generic Valiums clear another hurdle at FDA [news] Sun M. **Science** 1985 Jul 26;229(4711):369

[Use of ketalar—diazepam in the anesthesia of labor] Mitev L, et al. **Akush Ginekol (Sofiia)** 1984;23(4):327–30 (Eng. Abstr.) **(Bul)**

[Absorption characteristics of hemoperfusion sorbents of Czechoslovak manufacture for various drugs] Monhart V, et al. **Cas Lek Cesk** 1984 Aug 31;123(35):1091–5 (Eng. Abstr.) **(Cze)**

[Diazepam and ketamine for voluntary interruptions of pregnancy] Bovyn G. **Cah Anesthesiol** 1982 Dec; 30(8):1019–25 **(Fre)**

[Comparison of the effects of flunitrazepam and diazepam used in premedication] Parraguette J, et al. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):7–9 **(Fre)**

[Suspension laryngoscopy using monitored diazepam–analgesia and a respiratory analeptic. Apropos of 150 cases] Mourot F, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(3):315–7 (Eng. Abstr.) **(Fre)**

[Balanced promedol and seduxen anesthesia in the surgical treatment of middle–aged and elderly patients] Piontek AE, et al. **Anesteziol Reanimatol** 1985 Mar–Apr;(2):62–5 (Eng. Abstr.) **(Rus)**

[Adequacy of ataralgesia in abdominal surgical procedures] Togaĭbaev AA, et al. **Anesteziol Reanimatol** 1984 Sep–Oct; (5):66–8 (Eng. Abstr.) **(Rus)**

[Diazanalgesia as an anesthetic technic in heart surgery with extracorporeal circulation] Gómez Herreras JI, et al. **Rev Esp Anestesiol Reanim** 1984 May–Jun;31(3):95–8 (Eng. Abstr.) **(Spa)**

ADMINISTRATION & DOSAGE

A combination of oral diazepam and droperidol for premedication. A double blind comparison with diazepam alone. Goldhill DR, et al. **Acta Anaesthesiol Belg** 1985 Jun; 36(2):53–60

Rectal diazepam compared to intramuscular pethidine/promethazine/chlorpromazine with regard to gastric contents in paediatric anaesthesia. Blom H, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):652–3

The effect of diazepam pretreatment on the succinylcholine–induced rise in intraocular pressure. Fjeldborg P, et al. **Acta Anaesthesiol Scand** 1985 May; 29(4):415–7

Effect of a polyethylene–lined administration set on the availability of diazepam injection. Hancock BG, et al. **Am J Hosp Pharm** 1985 Feb;42(2):335–9

The 'puff technic' for intravenous diazepam [letter] Mark LC. **Anesthesiology** 1984 Nov;61(5):630–1

Effects of the rectal administration of diazepam. Diazepam concentrations in children undergoing general anaesthesia. Sonander H, et al. **Br J Anaesth** 1985 Jun;57(6):578–80

High–dose intravenous metoclopramide and intermittent intramuscular prochlorperazine and diazepam in the management of emesis induced by cis–dichlorodiammineplatinum. Luesley DM, et al. **Cancer Chemother Pharmacol** 1985;14(3):250–2

Comparison of sedation, amnesia, and patient comfort produced by intravenous and rectal diazepam. Lundgren S, et al. **J Oral Maxillofac Surg** 1984 Oct;42(10):646–50

Subanesthetic doses of ketamine, diazepam, and nitrous oxide for adult outpatient sedation. Tucker MR, et al. **J Oral Maxillofac Surg** 1984 Oct;42(10):668–72

Effective short–term diazepam prophylaxis in febrile convulsions. Knudsen FU. **J Pediatr** 1985 Mar; 106(3):487–90

Patterns of diazepam prescribing in primary care: a case control study. Mulvihill MN, et al. **Mt Sinai J Med (NY)** 1985 Apr;52(4):276–80

Transurethral resection of prostate with intravenous sedation. Lichtwardt JR, et al. **Urology** 1985 Aug;26(2):112–3

[Intravenous sedation for gastroscopy: comparison between midazolam and diazepam] Maitre PO, et al. **Ann Fr Anesth Reanim** 1984;3(6):430–4 (Eng. Abstr.) **(Fre)**

[Treatment of several psychotic states with the combination of valproic acid with diazepam] Bourguignon A, et al. **Ann Med Psychol (Paris)** 1984 Nov;142(9):1214–8 **(Fre)**

[Intramuscular premedication with diazepam in a fat emulsion] Faré JC, et al. **Cah Anesthesiol** 1984 May–Jun; 32(4):303–6 (Eng. Abstr.) **(Fre)**

[A pharmacokinetic study on the effectiveness of intermittent oral diazepam in the prevention of recurrent febrile convulsions] Minagawa K, et al. **No To Hattatsu** 1985 Mar; 17(2):162–7 (Eng. Abstr.) **(Jpn)**

[Effect of ketamine–seduxen general anesthesia on neuroendocrine reactions in patients operated on for pituitary adenoma] Usvatova IIa, et al. **Anesteziol Reanimatol** 1984 Nov–Dec;(6):16–20 (Eng. Abstr.) **(Rus)**

[Possibilities of using tranquilizers in traumatic shock] Bazarevich GIa, et al. **Ortop Travmatol Protez** 1984 Nov; (11):40–3 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Parkinsonism induced by high doses of diazepam. Suranyi–Cadotte BE, et al. **Biol Psychiatry** 1985 Apr; 20(4):455–7

Anaphylactoid reaction to Diazemuls [letter] Brøgger Nielsen F. **Br J Anaesth** 1984 Oct;56(10):1179

Relief of diazepam–withdrawal syndrome by shoplifting. Coid J. **Br J Psychiatry** 1984 Nov;145:552–4

Withdrawal symptoms and rebound anxiety after six weeks course of diazepam [letter] Oswald I. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1827

Controlled study of withdrawal symptoms and rebound anxiety after six week course of diazepam for generalised anxiety. Power KG, et al. **Br Med J [Clin Res]** 1985 Apr 27;290(6477):1246–8

Precipitated diazepam withdrawal elevates noradrenergic metabolism in primate brain. Grant SJ, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):127–32

Retrograde amnesia effects of intravenous diazepam in endoscopy patients. Liu S, et al. **Gastrointest Endosc** 1984 Dec;30(6):340–2

Increased sensitivity of the elderly to the central depressant effects of diazepam. Pomara N, et al. **J Clin Psychiatry** 1985 May;46(5):185–7

The effect of diazepam on patients' memory [letter] Green LM. **J Clin Psychopharmacol** 1985 Feb;5(1):60–1

Elimination kinetics and symptomatology of diazepam withdrawal in abusers. Rhodes PJ, et al. **J Toxicol Clin Toxicol** 1984;22(4):371–85

Acute arterial occlusions due to accidental intra–arterial injections of diazepam [letter] Rüddel H, et al. **Klin Wochenschr** 1985 Jan 15;63(2):93–4

Withdrawal symptoms after six weeks' treatment with diazepam [letter] Murphy SM, et al. **Lancet** 1984 Dec 15; 2(8416):1389

SCE in lymphocytes of patients treated with single, large doses of diazepam. Husum B, et al. **Mutat Res** 1985 Jan–Feb;155(1–2):71–3

Bioassay of subjective effects associated with benzodiazepine withdrawal in animals: a novel direction in dependence research. Emmett–Oglesby MW, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:185–91

Adverse effects of single therapeutic doses of diazepam on performance in normal geriatric subjects: relationship to plasma concentrations. Pomara N, et al. **Psychopharmacology (Berlin)** 1984;84(3):342–6

Propranolol for the treatment of diazepam withdrawal symptoms [letter] Gauché WG. **S Afr Med J** 1984 Dec 8;66(23):870

[Occupational accidents and drugs dangerous in traffic] Kristensen G, et al. **Ugeskr Laeger** 1984 Aug 6; 146(32):2432–3 (Eng. Abstr.) **(Dan)**

[Adult respiratory distress syndrome after anaphylactic shock (the role of diazepam and succinylcholine)] Daumal M, et al. **Cah Anesthesiol** 1984 May–Jun;32(4):313–5 **(Fre)**

[Benzodiazepine abstinence syndrome. Case report] Viarengo E, et al. **Minerva Psichiatr** 1985 Jan–Mar;26(1):91–3 (Eng. Abstr.) **(Ita)**

[Esophagitis caused by diazepam (letter)] Herrerías JM, et al. **Med Clin (Barc)** 1984 Nov 17;83(16):690 **(Spa)**

[Reversal of benzodiazepine depression with aminophylline (letter)] Anglada Casas MT, et al. **Rev Esp Anestesiol Reanim** 1984 Jul–Aug;31(4):175 **(Spa)**

ANALOGS & DERIVATIVES

Withdrawal responses to abrupt discontinuation of desmethyldiazepam. Winokur A, et al. **Am J Psychiatry** 1984 Nov;141(11):1427–9

Placental transfer of pinazepam and its metabolite N–desmethyldiazepam in women at term. Pacifici GM, et al. **Eur J Clin Pharmacol** 1984;27(3):307–10

Inhibition of diazepam metabolism in microsomal– and perfused liver preparations of the rat by desmethyldiazepam, N–methyloxazepam and oxazepam. Savenije–Chapel EM, et al. **Eur J Drug Metab Pharmacokinet** 1985 Jan–Mar; 10(1):15–20

Subcellular distribution of pinazepam and its metabolite N–desmethyldiazepam in rat liver. Pacifici GM, et al. **Gen Pharmacol** 1984;15(4):353–5

Comparative single–dose kinetics of oxazolam, prazepam, and clorazepate: three precursors of desmethyldiazepam. Ochs HR, et al. **J Clin Pharmacol** 1984 Oct;24(10):446–51

Diazepam and desmethyldiazepam in breast milk. Wesson DR, et al. **J Psychoactive Drugs** 1985 Jan–Mar;17(1):55–6

The contribution of the active metabolites to the tolerance developing to diazepam in man: relationship to bioassayed serum benzodiazepine levels. Aranko K, et al. **Med Biol** 1984;62(5):277–84

[Pharmacologic properties of etizolam (6–(o–chlorophenyl)–8–ethyl–1–methyl–4H–s–triazolo 3,4–c thieno 2,3–e 1,4 diazepine)] Monti E, et al. **Minerva Psichiatr** 1984 Oct–Dec;25(4):269–74 (Eng. Abstr.) **(Ita)**

[Effect of sodium valproate on brain levels of diazepam and N–desmethyldiazepam in the rat] Gómez Luque A, et al. **Arch Farmacol Toxicol** 1985 Apr;11(1):13–8 (Eng. Abstr.) **(Spa)**

ANALYSIS

Comparative bioavailability studies on brands of diazepam tablets. Ogunbona FA, et al. **Afr J Med Med Sci** 1985 Mar–Jun;14(1–2):21–5

Spectrophotometric determination of chlordiazepoxide and diazepam using orthogonal polynomials. Bedair M, et al. **Analyst** 1984 Nov;109(11):1423–6

Liquid chromatographic determination of diazepam in tablets: collaborative study. Tsougros M. **J Assoc Off Anal Chem** 1985 May–Jun;68(3):545–6

Solubilization by cosolvents III: Diazepam and benzocaine in binary solvents. Rubino JT, et al. **J Parenter Sci Technol** 1985 May–Jun;39(3):106–11

[Effect of sodium valproate on brain levels of diazepam and N–desmethyldiazepam in the rat] Gómez Luque A, et al. **Arch Farmacol Toxicol** 1985 Apr;11(1):13–8 (Eng. Abstr.) **(Spa)**

ANTAGONISTS & INHIBITORS

Antagonism of diazepam by aminophylline in healthy volunteers. Meyer BH, et al. **Anesth Analg** 1984 Oct; 63(10):900–2

Physostigmine: effectiveness as an antagonist of respiratory depression and psychomotor effects caused by morphine or diazepam. Bourke DL, et al. **Anesthesiology** 1984 Nov; 61(5):523–8

3–Amino–beta–carboline derivatives and the benzodiazepine receptor. Synthesis of a selective antagonist of the sedative action of diazepam. Dodd RH, et al. **J Med Chem** 1985 Jun;28(6):824–8

Evidence that 2–phenylpyrazolo[4,3–c]–quinolin–3(5H)–one antagonises pharmacological, electrophysiological and biochemical effects of diazepam in rats. Santi M, et al. **Neuropharmacology** 1985 Feb;24(2):99–105

Cu2+ is the active principle of an endogenous substance from porcine cerebral cortex which antagonizes the anticonvulsant effect of diazepam. Kardos J, et al. **Neurosci Lett** 1984 Nov 23;52(1–2):67–72

Aminophylline antagonizes diazepam–induced anesthesia and EEG changes in humans. Marrosu F, et al. **Psychopharmacology (Berlin)** 1985;85(1):69–70

A beta–carboline antagonizes benzodiazepine actions but does not precipitate the abstinence syndrome in cats. Ongini E, et al. **Psychopharmacology (Berlin)** 1985;86(1–2):132–6

Naloxone's effect on cognitive functioning in drug–free and diazepam–treated normal humans. Wolkowitz OM, et al. **Psychopharmacology (Berlin)** 1985;85(2):221–3

BLOOD

Pharmacokinetics of diazepam and midazolam when used for sedation following cardiopulmonary bypass. Lowry KG, et al. **Br J Anaesth** 1985 Sep;57(9):883–5

Plasma concentrations and clinical effects after single oral doses of prazepam, clorazepate, and diazepam. Shader RI, et al. **J Clin Psychiatry** 1984 Oct;45(10):411–3

Pharmacokinetics of diazepam emulsion [letter] Naylor HC, et al. **Lancet** 1985 Mar 2;1(8427):518–9

[3H] diazepam binding to human granulocytes. Bond PA, et al. **Life Sci** 1985 Jul 8;37(1):11–6

Interaction of diazepam and cimetidine [letter] **N Engl J Med** 1984 Dec 27;311(26):1700–1

[Comparison of the binding of nitrazepam and diazepam to erythrocytes in selected mammalian species] Lamka J, et al. **Cesk Farm** 1984 Dec;33(10):420–4 (Eng. Abstr.) **(Cze)**

[Intrahepatic cholestasis of pregnancy: effect of diazepam blood levels] Sánchez E, et al. **Rev Chil Obstet Ginecol** 1983;48(1):3–10 (Eng. Abstr.) **(Spa)**

[Importance of protein binding of lorazepam in its clinical management] Aguilera Celorrio L, et al. **Rev Esp Anestesiol Reanim** 1985 May–Jun;32(3):115–8 (Eng. Abstr.) **(Spa)**

DIAGNOSTIC USE

Lack of effect of im diazepam administration on hGH and hPRL secretion in normal and acromegalic subjects. Zaccaria M, et al. **J Endocrinol Invest** 1985 Apr;8(2):167–70

METABOLISM

Pharmacokinetics of diazepam from a controlled release capsule in healthy elderly volunteers. Wills RJ. **Biopharm Drug Dispos** 1984 Jul–Sep;5(3):241–9

The effects of age and smoking on the plasma protein binding of lignocaine and diazepam. Davis D, et al. **Br J Clin Pharmacol** 1985 Feb;19(2):261–5

Diazepam tolerance [letter] **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1072–3

Kinetics of diazepam, midazolam, and lorazepam in cigarette smokers. Ochs HR, et al. **Chest** 1985 Feb;87(2):223–6

Diazepam tapering in detoxification for high-dose benzodiazepine abuse. Harrison M, et al. **Clin Pharmacol Ther** 1984 Oct;36(4):527–33

Interaction between metronidazole and drugs eliminated by oxidative metabolism. Jensen JC, et al. **Clin Pharmacol Ther** 1985 Apr;37(4):407–10

Propranolol interactions with diazepam, lorazepam, and alprazolam. Ochs HR, et al. **Clin Pharmacol Ther** 1984 Oct;36(4):451–5

Abnormal serum protein binding of acidic drugs in diabetes mellitus. Ruiz-Cabello F, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):691–5

Effect of plasma protein binding on the uptake of methadone and diazepam in the isolated perfused rat lung. Roerig DL, et al. **Drug Metab Dispos** 1984 Sep–Oct;12(5):536–42

Effects of sodium valproate on diazepam: kinetic profiles in plasma, erythrocytes, and different brain areas in the rat. Hariton C, et al. **Epilepsia** 1985 Jan–Feb;26(1):74–80

Intramuscular bioavailability of chlorazepate as compared to diazepam. Bertler A, et al. **Eur J Clin Pharmacol** 1985;28(2):229–30

Inhibition of diazepam metabolism in microsomal- and perfused liver preparations of the rat by desmethyldiazepam, N-methyloxazepam and oxazepam. Savenije-Chapel EM, et al. **Eur J Drug Metab Pharmacokinet** 1985 Jan–Mar;10(1):15–20

Pharmacological evidence that the non-neuronal diazepam binding site in primary cultures of glial cells is associated with a calcium channel. Bender AS, et al. **Eur J Pharmacol** 1985 Apr 2;110(2):287–8

Extraction, separation, and detections of 14C-diazepam and 14C-metabolites from brain tissue of mature and old rats. Komiskey HL, et al. **J Anal Toxicol** 1985 May–Jun;9(3):131–3

GABA-mimetic activity and effects on diazepam binding of aminosulphonic acids structurally related to piperidine-4-sulphonic acid. Falch E, et al. **J Neurochem** 1985 Jan;44(1):68–75

Medium isotope effect in [3H]diazepam binding to benzodiazepine receptors of synaptic membranes. Kardos J, et al. **J Neurochem** 1985 Aug;45(2):644–6

Modulation of [3H]diazepam binding in rat cortical membranes by GABAA agonists. Wong EH, et al. **J Neurochem** 1985 Apr;44(4):1162–7

Protein binding and hepatic clearance: discrimination between models of hepatic clearance with diazepam, a drug of high intrinsic clearance, in the isolated perfused rat liver preparation. Rowland M, et al. **J Pharmacokinet Biopharm** 1984 Apr;12(2):129–47

Effect of halothane-oxygen anesthesia on the pharmacokinetics of diazepam and its metabolites in rats. Bell LE, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):94–9

Diazepam and desmethyldiazepam in breast milk. Wesson DR, et al. **J Psychoactive Drugs** 1985 Jan–Mar;17(1):55–6

Effects of pentobarbital on [3H]diazepam binding in the cerebral cortex, cerebellum and spinal cord of developing rats. Saito K, et al. **Jpn J Pharmacol** 1984 Oct;36(2):262–4

Inhibitory effect on 3H-diazepam binding and potentiating action on GABA of ethyl loflazepate, a new minor tranquilizer. Sakai Y, et al. **Jpn J Pharmacol** 1985 Apr;37(4):373–9

Bioavailability of intravenous diazepam [letter] Fee JP, et al. **Lancet** 1984 Oct 6;2(8406):813

Pharmacokinetics of diazepam after intravenous, intramuscular and oral administration to humans. Wichliński LM, et al. **Mater Med Pol** 1985 Jan–Mar;17(1):44–6

Specific binding of [3H]diazepam in mouse glioblastoma: the influence of clonazepam and Ro 5-4864 on [3H]diazepam binding. Zlobina GP, et al. **Neurosci Lett** 1984 Dec 21;52(3):259–62

Comparative pharmacokinetics and pharmacodynamics of lorazepam, alprazolam and diazepam. Ellinwood EH Jr, et al. **Psychopharmacology (Berlin)** 1985;86(4):392–9

Concentration independent accumulation of diazepam by rat liver slices. Effect of human serum albumin. Blaese U, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb;47(2):313–6

Effect of oxygen-carrying resuscitation fluids on the pharmacokinetics of antipyrine, diazepam, penicillin, and sulfamethazine in rats. Kemner JM, et al. **Res Commun Chem Pathol Pharmacol** 1984 Dec;46(3):381–400

The metabolism and disposition of [2-14C]diazepam in the streptozotocin-diabetic rat. Andrews SM, et al. **Xenobiotica** 1984 Oct;14(10):751–60

[Prevention of febrile convulsions and kinetics of diazepam per os (letter)] Benchet ML, et al. **Arch Fr Pediatr** 1984 Oct;41(8):588–9 (Fre)

[Effect of acceleration on the distribution of diazepam in tissues] Weglowska W, et al. **Acta Pol Pharm** 1984;41(4):491–3 (Eng. Abstr.) (Pol)

[Isolation and determination of diazepam in biological matter and study of the effect of altitude anoxia on the distribution of the drug in tissue] Weglowska W, et al. **Acta Pol Pharm** 1984;41(1):73–7 (Eng. Abstr.) (Pol)

PHARMACODYNAMICS

General anaesthesia with halothane and drug absorption. The effect of general anaesthesia with halothane and diazepam on postoperative gastric emptying in man. Adelhøj B, et al. **Acta Anaesthesiol Scand** 1984 Aug;28(4):390–2

Psychomotor effects of alprazolam and diazepam during acute and subacute treatment, and during the follow-up phase. Aranko K, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 May;56(5):364–72

Effects of single and repeated application of clonazepam and diazepam independently and in combination with cyproheptadine on apomorphine stereotypy in rats. Georgiev VP, et al. **Acta Physiol Pharmacol Bulg** 1984;10(3):10–5

The relationship of concurrent benzodiazepine administration to seizure duration in ECT. Standish-Barry HM, et al. **Acta Psychiatr Scand** 1985 Mar;71(3):269–71

Effects of single and repeated application of clonazepam and diazepam combined with cyproheptadine on apomorphine stereotypy in rats. Georgiev VP, et al. **Agressologie** 1985 Jan;26(1):57–60

Subacute benzodiazepine treatment: observations on behavioural tolerance and withdrawal. Gonzalez JP, et al. **Alcohol Alcohol** 1984;19(4):325–32

Differential elevation by protriptyline and depression by diazepam of upper airway respiratory motor activity. Bonora M, et al. **Am Rev Respir Dis** 1985 Jan;131(1):41–5

The effect of diazepam on genioglossal muscle activity in normal human subjects. Leiter JC, et al. **Am Rev Respir Dis** 1985 Aug;132(2):216–9

Haemodynamic changes during induction of anaesthesia with midazolam and diazepam (Valium) in patients undergoing coronary artery bypass surgery. Kawar P, et al. **Anaesthesia** 1985 Aug;40(8):767–71

The influence of diazepam on the serum protein binding of bupivacaine at normal and acidic pH. Denson DD, et al. **Anesth Analg** 1984 Nov;63(11):980–4

Baroreceptor reflex control of heart rate during morphine sulfate, diazepam, N2O/O2 anesthesia in humans. Kotrly KJ, et al. **Anesthesiology** 1984 Nov;61(5):558–63

The effect of physostigmine on diazepam-induced ventilatory depression: a double-blind study. Spaulding BC, et al. **Anesthesiology** 1984 Nov;61(5):551–4

Foot shock-induced decrease of low affinity GABA receptors in the rat brain: antagonism by diazepam. Concas A, et al. **Ann Ist Super Sanita** 1984;20(1):53–6

Effects of lithium, diazepam and propranolol on brain Na+-K+-ATPase activity in stress-exposed mice. Eroğlu L, et al. **Arzneimittelforsch** 1984;34(7):762–3

An EEG investigation on the role of cerebello-rubral system in the effects of diazepam and pentobarbital. Sagratella S, et al. **Arzneimittelforsch** 1985;35(1A):251–4

Ketamine HCL and diazepam anaesthesia of a leopard seal (Hydrurga leptonyx) for the biopsy of multiple fibromatous epulis. Gales NJ. **Aust Vet J** 1984 Sep;61(9):295–6

The effects of intravenous diazepam and hyoscine upon recognition memory. Richardson JT, et al. **Behav Brain Res** 1984 Dec;14(3):193–9

The genetic architecture of hyponeophagia and the action of diazepam in rats. Shephard RA, et al. **Behav Genet** 1985 May;15(3):265–86

The influence of cyclobarbital and diazepam on drug metabolism in vitro and their binding to cytochrome P-450. Wierzba W, et al. **Biomed Biochim Acta** 1984;43(12):1425–30

In vitro interaction of diazepam and oxazepam with pancuronium and suxamethonium. Driessen JJ, et al. **Br J Anaesth** 1984 Oct;56(10):1131–8

Effect of premedication with diazepam, morphine or nalbuphine on gastrointestinal motility after surgery. Shah M, et al. **Br J Anaesth** 1984 Nov;56(11):1235–8

The psychopharmacological effects of premazepam, diazepam and placebo in healthy human subjects. Golombok S, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):127–33

Behavioral interaction of adenosine and diazepam in mice. Barraco RA, et al. **Brain Res** 1984 Dec 3;323(1):159–63

Blockade of the diazepam-induced increase in rat striatal acetylcholine content by the specific benzodiazepine antagonists ethyl-beta-carboline-3-carboxylate and Ro 15-1788. Kolasa K, et al. **Brain Res** 1985 Jun 17;336(2):342–5

Prenatal exposure to diazepam results in enduring reductions in brain receptors and deep slow wave sleep. Livezey GT, et al. **Brain Res** 1985 May 20;334(2):361–5

Protective effect of diazepam pretreatment on soman-induced brain lesion formation. Martin LJ, et al. **Brain Res** 1985 Jan 28;325(1–2):287–9

Chronic administration of diazepam to rats causes changes in EEG patterns and in coupling between GABA receptors and benzodiazepine binding sites in vitro. Mele L, et al. **Brain Res** 1984 Dec 3;323(1):93–102

Diazepam and its anomalous p-chloro-derivative Ro 5-4864: comparative effects on mouse neurons in cell culture. Skerritt JH, et al. **Brain Res** 1984 Sep 17;310(1):99–105

Histological study of ibotenic acid-induced modifications of rat retina and their attenuation by diazepam. Perez-Rico C, et al. **Cell Tissue Res** 1984;238(1):81–5

Ketamine kinetics in unmedicated and diazepam-premedicated subjects. Domino EF, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):645–53

Pre-natal administration of diazepam improves radial maze learning in mice. Benton D, et al. **Comp Biochem Physiol [C]** 1985;80(2):273–5

An ethological analysis of the influence of perinatally-administered diazepam on murine behaviour. Grimm VE, et al. **Comp Biochem Physiol [C]** 1984;79(2):291–3

Kinetics of receptor occupation and anticonvulsive effects of diazepam in rats. Igari Y, et al. **Drug Metab Dispos** 1985 Jan–Feb;13(1):102–6

Development of tolerance to the anticonvulsant effect of diazepam in dogs. Frey HH, et al. **Eur J Pharmacol** 1984 Sep 3;104(1–2):27–38

Involvement of endogenous enkephalins in the feeding response to diazepam. Jackson HC, et al. **Eur J Pharmacol** 1985 Jan 8;107(3):389–91

Diazepam-stimulated increases in the synaptosomal uptake of 45Ca2+: reversal by dihydropyridine calcium channel antagonists. Mendelson WB, et al. **Eur J Pharmacol** 1984 Sep 3;104(1–2):181–3

Enhancement of low affinity [3H]GABA binding by diazepam and a new 2,3-benzodiazepine. Páldi-Haris P, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):305–6

Effect of aminophylline on muscle relaxant action of diazepam and phenobarbitone in genetically spastic rats: further evidence for a purinergic mechanism in the action of diazepam. Turski L, et al. **Eur J Pharmacol** 1984 Aug 3;103(1–2):99–105

Brain cyclic nucleotides and the development of convulsion, with reference to the anticonvulsant activity of diazepam. Morishita S, et al. **Gen Pharmacol** 1984;15(5):379–83

Repeated administration of electroconvulsive shock to rats: effect on haloperidol- and morphine-induced catalepsy and its modification by carbamazepine and diazepam. Bhavsar VH, et al. **Indian J Physiol Pharmacol** 1984 Jul–Sep;28(3):234–6

Influence of diazepam on thyroid function tests in normal Nigerians. Ogunleye OT, et al. **Int J Nucl Med Biol** 1984;11(2):203–4

Effects of diazepam (Valium) and trait anxiety on human physical aggression and emotional state. Wilkinson CJ. **J Behav Med** 1985 Mar;8(1):101–14

Some long-lasting neurochemical effects of prenatal or early postnatal exposure to diazepam. Frieder B, et al. **J Neurochem** 1985 Jul;45(1):37–42

An evaluation of the amnesic effects of diazepam sedation. Laskin JL, et al. **J Oral Maxillofac Surg** 1984 Nov;42(11):712–6

Effect of diazepam on calcium translocation during physiological muscle fatigue. Bianchi CP, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):197–205

Effects of diazepam on soman-induced brain neuronal RNA depletion and lethality in rats. Doebler JA, et al. **Life Sci** 1985 Mar 18;36(11):1107–15

The occurrence of cross-tolerance between morphine and ethyl-ketocyclazocine using the tail-flick test: lack of effect of diazepam, phenobarbital, or amphetamine. Eisenberg RM. **Life Sci** 1985 Sep 9;37(10):915–22

Antagonism of diazepam-induced feeding in rats by antisera to opioid peptides. González Y, et al. **Life Sci** 1984 Sep 24;35(13):1423–9

CGS 8216, Ro 15-1788 and methyl-beta-carboline-3-carboxylate, but not EMD 41717 antagonize the muscle relaxant effect of diazepam in genetically spastic rats. Schwarz M, et al. **Life Sci** 1984 Oct 1;35(14):1445–51

Differential mediation of the anticonvulsant effects of carbamazepine and diazepam. Weiss SR, et al. **Life Sci** 1985 Jun 24;36(25):2413–9

Inhibition of acyl CoA: cholesterol acyltransferase and sterologenesis in rat liver by diazepam, in vitro. Bell FP. **Lipids** 1985 Feb;20(2):75–9

The contribution of the active metabolites to the tolerance developing to diazepam in man: relationship to bioassayed serum benzodiazepine levels. Aranko K, et al. **Med Biol** 1984;62(5):277–84

The effects of RO15-1788, alone and in combination with diazepam, on ethanol-induced loss of righting reflex in rats. Regan BA, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:333–7

Comparison of the anticonvulsant effects of two novel GABA uptake inhibitors and diazepam in amygdaloid kindled rats. Schwark WS, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jun;329(4):367–71

The effects of benzodiazepines on spinal homosynaptic depression. Davies MF, et al. **Neuropharmacology** 1985 Apr;24(4):301–7

Personality traits influence the effects of diazepam and caffeine on CNV magnitude. Münte TF, et al. **Neuropsychobiology** 1984;12(1):60–7

Combined specific pathogenetic treatment of the stereotyped behavior syndrome (experimental study). Kryzhanovskii GN, et al. **Neurosci Behav Physiol** 1984 Nov–Dec;14(6):465–70

The mesencephalic locomotor region in cat: effects of local applications of diazepam and gamma-aminobutyric acid. Pointis D, et al. **Neurosci Lett** 1985 Feb 4;53(3):297–302

Benzodiazepines both enhance gamma-aminobutyrate responses and decrease calcium action potentials in guinea-pig myenteric neurones. Cherubini E, et al. **Neuroscience** 1985 Jan;14(1):309–15

Depression of nociceptive sensory activity in the rat spinal cord due to the intrathecal administration of drugs: effect of diazepam. Jurna I. **Neurosurgery** 1984 Dec;15(6):917–20

Midazolam and diazepam compared as sedatives for outpatient surgery under local analgesia. Barclay JK, et al. **Oral Surg Oral Med Oral Pathol** 1985 Apr;59(4):349–55

Effect of pre-anesthetic medications on serum lipid levels. Sane AS, et al. **Panminerva Med** 1985 Jan–Mar;27(1):45–7

Effect of diazepam on visuomotor reaction time. Barbee JG, et al. **Percept Mot Skills** 1985 Feb;60(1):107–10

A microgram dose of diazepam produces specific inhibition of ambulation in the rat. Cooper SJ. **Pharmacol Biochem Behav** 1985 Jan;22(1):25–30

Behavioral effects of oral versus intravenous administration of diazepam. Ghoneim MM, et al. **Pharmacol Biochem Behav** 1984 Aug;21(2):231–6

Tolerance to the depressant effects of diazepam in the drug discrimination paradigm. Haug T. **Pharmacol Biochem Behav** 1984 Sep;21(3):409–15

Potentiation of cold swim stress analgesia in rats by diazepam. Leitner DS, et al. **Pharmacol Biochem Behav** 1984 Nov; 21(5):813–6

The effects of GABA and benzodiazepine receptor antagonists on the anti-conflict actions of diazepam or ethanol. Liljequist S, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):521–5

Benzodiazepine-receptor mediated inhibition of isolation-induced aggression in mice. Skolnick P, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):17–20

Effect of d-amphetamine and diazepam on the greeting behavior of rhesus monkeys (Macaca mulatta). Thierry BH, et al. **Pharmacol Biochem Behav** 1984 Aug;21(2):191–5

The inhibitory effect of diazepam on defensive burying: anxiolytic vs. analgesic effects. Treit D. **Pharmacol Biochem Behav** 1985 Jan;22(1):47–52

Evidence that tolerance develops to the anxiolytic effect of diazepam in rats. Treit D. **Pharmacol Biochem Behav** 1985 Mar;22(3):383–7

Enhancement of diazepam activities induced by denzimol in mice. Ibba M, et al. **Pharmacol Res Commun** 1985 Jan; 17(1):95–103

Influences of benzodiazepines on hypothalamically elicited emotional responses in the rabbit. Koreli A, et al. **Physiol Behav** 1984 Aug;33(2):339–41

The reinforcing properties of diazepam under several conditions in the rhesus monkey. Bergman J, et al. **Psychopharmacology (Berlin)** 1985;86(1–2):108–13

A conveyor belt task for assessing visuo-motor coordination in the marmoset (Callithrix jacchus): effects of diazepam, chlorpromazine, pentobarbital and d-amphetamine. D'Mello GD, et al. **Psychopharmacology (Berlin)** 1985; 86(1–2):125–31

Long-lasting anticonvulsant effects of diazepam in different mouse strains: correlations with brain concentrations and receptor occupancy. File SE, et al. **Psychopharmacology (Berlin)** 1985;86(1–2):137–41

Relative abuse liability of diazepam and oxazepam: behavioral and subjective dose effects. Griffiths RR, et al. **Psychopharmacology (Berlin)** 1984;84(2):147–54

Effect of diazepam, apomorphine and haloperidol on the audiogenic immobility reaction and on the open field behavior. Hård E, et al. **Psychopharmacology (Berlin)** 1985; 85(1):106–10

Diazepam and memory: retrograde facilitation produced by interference reduction. Hinrichs JV, et al. **Psychopharmacology (Berlin)** 1984;84(2):158–62

Chronic diazepam administration and appetitive discrimination learning: acquisition versus steady-state performance in pigeons. Hughes LM, et al. **Psychopharmacology (Berlin)** 1984;84(3):318–22

Evaluation of signal detection theory on the effects of psychotropic drugs on critical flicker-fusion frequency in normal subjects. MacNab MW, et al. **Psychopharmacology (Berlin)** 1985;85(4):431–5

Self-injection of diazepam in naive rats: effects of dose, schedule and blockade of different receptors. Pilotto R, et al. **Psychopharmacology (Berlin)** 1984;84(2):174–7

Effects of diazepam on behavior and dopamine-containing substantia nigra units in freely moving cats. Trulson ME. **Psychopharmacology (Berlin)** 1984;84(1):91–5

The effects of intravenous diazepam and hyoscine upon human memory. Frith CD, et al. **Q J Exp Psychol [A]** 1984 Feb;36(1):133–44

Benzodiazepines inhibit human platelet activation: comparison of the mechanism of antiplatelet actions of flurazepam and diazepam. Romstedt K, et al. **Thromb Res** 1985 May 15;38(4):361–74

[The effect of analgesics and psychopharmaceuticals on myocardial injury] Mitová M, et al. **Cesk Patol** 1984 Nov; 20(4):215–20 (Eng. Abstr.) (Cze)

[Anesthetic induction with Althesin or diazepam in patients undergoing an aortocoronary bypass] Girard C, et al. **Ann Fr Anesth Reanim** 1985;4(1):17–22 (Eng. Abstr.) (Fre)

[Effect of a minor tranquilizer (diazepam) on gastric secretion in man] Noda T. **Fukuoka Igaku Zasshi** 1984 Oct; 75(10):598–605 (Eng. Abstr.) (Jpn)

[Effect of a minor tranquilizer (diazepam) on gastric secretion in rats] Noda T. **Fukuoka Igaku Zasshi** 1984 Oct; 75(10):606–14 (Eng. Abstr.) (Jpn)

[Harman-induced changes in the anxiolytic effect of diazepam] Zin'kovskaia LIa, et al. **Farmakol Toksikol** 1985 Mar–Apr;48(2):21–3 (Eng. Abstr.) (Rus)

[Mechanisms of the effect of diazepam on the paroxysmal electrical activity of an isolated strip of cat cerebral cortex] Taranenko VD. **Neirofiziologiia** 1985;17(1):3–10 (Eng. Abstr.) (Rus)

[Effect of diazepam on the formation and reproduction of conditioned cortical reactions in man] Kostandov EA, et al. **Zh Vyssh Nerv Deiat** 1985 Jan–Feb;35(1):52–9 (Eng. Abstr.) (Rus)

POISONING

Case report of sudden and unexpected death after tricyclic overdose [letter] Babb SV, et al. **Am J Psychiatry** 1985 Feb;142(2):275–6

Deliberate taking of diazepam may provide a defence to a criminal charge. Brahams D. **Lancet** 1985 Feb 9;1(8424):356

Acentric craniofacial cleft in a newborn female prenatally exposed to a high dose of diazepam. Rivas F, et al. **Teratology** 1984 Oct;30(2):179–80

SUPPLY & DISTRIBUTION

Generics, Roche joust for Valium market [news] Sun M. **Science** 1985 Apr 26;228(4698):472–3

THERAPEUTIC USE

Diazepam does not prevent succinylcholine-induced fasciculations and myalgia. A comparative evaluation of the effect of diazepam and d-tubocurarine pretreatments. Manchikanti L. **Acta Anaesthesiol Scand** 1984 Oct; 28(5):523–8

Management of mixed affective symptoms in primary care: a critical experiment. Ancill RJ, et al. **Acta Psychiatr Scand** 1984 Nov;70(5):463–9

A double-blind group comparative study using the new anti-depressant Org 3770, placebo and diazepam in patients with expected insomnia and anxiety before elective gynaecological surgery. Sørensen M, et al. **Acta Psychiatr Scand** 1985 Apr;71(4):339–46

Indications and contraindications for chronic anxiolytic treatment: is there tolerance to the anxiolytic effect? Rickels K, et al. **Adv Biochem Psychopharmacol** 1985;40:193–204

Beneficial effect of nadolol on anxiety-induced disturbances of performance in musicians: a comparison with diazepam and placebo. James I, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1150–5

Diazepam in the treatment of hallucinations [letter] Jos CJ, et al. **Am J Psychiatry** 1985 Sep;142(9):1130–1

Use of intravenous diazepam in patients on chronic hemodialysis undergoing surgery. Jones TR, et al. **Am Surg** 1985 May;51(5):291–2

Diazepam premedication in children. Plasma levels and clinical effects. Fell D, et al. **Anaesthesia** 1985 Jan; 40(1):12–7

A comparison of triazolam and diazepam as premedication agents for minor gynaecological surgery. Pinnock CA, et al. **Anaesthesia** 1985 Apr;40(4):324–8

Endotracheal diazepam in status epilepticus [letter] Pasternak SJ, et al. **Ann Emerg Med** 1985 May;14(5):485–6

A double-blind comparison of alprazolam, diazepam and placebo in the treatment of anxious out-patients. Davison K, et al. **Br J Clin Pharmacol** 1985;19 Suppl 1:37S–43S

Prevention of alcohol withdrawal seizures with oral diazepam loading. Devenyi P, et al. **Can Med Assoc J** 1985 Apr 1;132(7):798–800

Prevention of alcohol withdrawal seizures [letter] Sehmer JM. **Can Med Assoc J** 1985 Sep 1;133(5):358

Prophylactic diazepam in prevention of contrast media-associated seizures in glioma patients undergoing cerebral computed tomography. Pagani JJ, et al. **Cancer** 1984 Nov 15;54(10):2200–4

A study of the anti-ulcer activity of diazepam and other tranquillosedatives in albino rats. Gupta MB, et al. **Clin Exp Pharmacol Physiol** 1985 Jan–Feb;12(1):61–6

Diazepam and methadone interactions in methadone maintenance. Preston KL, et al. **Clin Pharmacol Ther** 1984 Oct;36(4):534–41

Unprecedented sedative requirements during delirium tremens. Nolop KB, et al. **Crit Care Med** 1985 Apr; 13(4):246–7

Constant diazepam infusion in the treatment of continuous seizure activity. Bell HE, et al. **Drug Intell Clin Pharm** 1984 Dec;18(12):965–70 (25 ref.)

Alprazolam withdrawal delirium unresponsive to diazepam: case report. Zipursky RB, et al. **J Clin Psychiatry** 1985 Aug;46(8):344–5

Acute malathion toxicosis and related enzymatic alterations in Bubalus bubalis: antidotal treatment with atropine, 2-PAM, and diazepam. Gupta RC. **J Toxicol Environ Health** 1984;14(2–3):291–303

Comparison of the emotional effects of a beta-adrenergic blocking agent and a tranquilizer under different situational conditions. I. Anxiety-arousing situations. Erdmann G, et al. **Neuropsychobiology** 1984;12(2–3):143–51

Behavioral effects of diazepam and propranolol in patients with panic disorder and agoraphobia. Ghoneim MM, et al. **Neuropsychobiology** 1984;11(4):229–35

Diazepam, promethazine and propiomazine as hypnotics in elderly inpatients. Viukari M, et al. **Neuropsychobiology** 1984;12(2–3):134–7

In vitro effect of diazepam and prednisolone on leukemic cells from acute lymphoid leukemia cases. Sasaki R, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1287–92

Diazepam administration to mice prevents some of the changes in monoamine-mediated behaviour produced by repeated electroconvulsive shock treatment. Green AR, et al. **Psychopharmacology (Berlin)** 1985;86(1–2):190–3

[Intravenous diazepam in preventing postpartum bleeding caused by weak uterine contraction] Dai LJ. **Chung Hua Hu Li Tsa Chih** 1985 Feb;20(1):16–7, 34 (Chi)

[Diazepam in the treatment of tetanus: report of 31 cases] Wang ZH. **Chung Hua Wai Ko Tsa Chih** 1984 Oct; 22(10):619–20, 639–40 (Eng. Abstr.) (Chi)

[Spasticity and its treatment] Larsen TA, et al. **Duodecim** 1985;101(12):1216–9 (Fin)

[Intravenous sedation before endoscopic interventions. Comparative study of lormetazepam and diazepam in oil] Tolksdorf W, et al. **Fortschr Med** 1985 Mar 7;103(9):249–52 (Eng. Abstr.) (Ger)

[Irritable colon syndrome: therapeutic activity of otilonium bromide alone or in combination with benzodiazepine. Controlled double-blind study] Tarquini M, et al. **Clin Ter** 1984 Jun 30;109(6):525–31 (Eng. Abstr.) (Ita)

[Optimum dosage regimen of intermittent oral diazepam for the prevention of recurrent febrile convulsions—pharmacokinetics of diazepam after repeated oral administration] Minagawa K, et al. **No To Hattatsu** 1985 Jul;17(4):374–5 (Jpn)

[Psychophysiological reactions to seduxen in patients with chronic alcoholism] Lil'in ET, et al. **Sov Med** 1984; (10):96–8 (Rus)

[Endonasal seduxan-electrophoresis in the treatment of the hypothalamo-vegetative-visceral syndrome] Vogralik VG, et al. **Sov Med** 1984;(11):102–5 (Rus)

[Relation between reactions to pain and the hierarchical rank of animals] Poshivalov VP, et al. **Zh Vyssh Nerv Deiat** 1984 Jul–Aug;34(4):767–70 (Eng. Abstr.) (Rus)

TOXICITY

The effect of exposure to diazepam through the placenta or through the mother's milk. Histological findings in slices of rat brain. Frieder B, et al. **Neuropharmacology** 1984 Sep; 23(9):1099–104

Role of neurotransmitters and teratogens on palate development. Zimmerman EF, et al. **Prog Clin Biol Res** 1985;163C:405–8

DIAZINON see under **INSECTICIDES, ORGANOTHIOPHOSPHATE**

DIAZOACETYLGLYCINE AMIDE see under **AZO COMPOUNDS**

DIAZOMETHANE

Characterization of artefacts produced by treatment of organic acids with diazomethane. Bauer S, et al. **J Chromatogr** 1984 Aug 10;309(2):243–59

N-Methylation and N,N-dimethylation of amino acids. An artifact production in the analysis of organic acids using diazomethane as derivatizing agent. Liebich HM, et al. **J Chromatogr** 1985 Feb 27;338(1):33–40

ANALOGS & DERIVATIVES

Spectinomycin modification. II. Spectinomycin C-3'-modification via diazoketone intermediates. Thomas RC, et al. **J Antibiot (Tokyo)** 1985 Feb;38(2):197–207

DIAZONIUM COMPOUNDS

Spectrophotometric determination of oxyphenbutazone by diazo coupling and subsequent chelation reactions. Belal S, et al. **Analyst** 1985 Feb;110(2):205–8

Kinetic analysis of chemical reactions coupled to an enzymic step. Application to acid phosphatase assay with Fast Red. Escribano J, et al. **Biochem J** 1984 Nov 1;223(3):633–8

A 2,4-dichlorophenyl diazonium-based method for total bilirubin without interference from indican in uremic sera. McPhaul L, et al. **Clin Chem** 1985 Jul;31(7):1229–31

A diazonium reagent which will introduce maleimide groups into proteins and peptides. Duncan RJ, et al. **J Immunol Methods** 1985 Jun 12;80(1):137–40

Diazotized sulfanilic acid as a novel reagent for the detection of phenothiazine, phenothiazine-like drugs and their decomposition products in pharmaceuticals. Hackmann ER, et al. **Pharmazie** 1984 Oct;39(10):718

ANTAGONISTS & INHIBITORS

[Changes in the chemotherapy sensitivity of leukemia L1210 cells during the development of diazan resistance] Goncharova SA, et al. **Eksp Onkol** 1985;7(3):56–9 (Eng. Abstr.) (Rus)

METABOLISM

Aryldiazonium salts as photoaffinity labels of the nicotinic acetylcholine receptor PCP binding site. Kotzyba-Hibert F, et al. **FEBS Lett** 1985 Mar 25;182(2):297–301

Photoaffinity labeling of the ouabain binding site in Na, K-ATPase in developing brine shrimp. Churchill L, et al. **J Exp Zool** 1984 Sep;231(3):343–50

Experimental techniques for photoaffinity labeling of juvenile hormone binding proteins of insects with epoxyfarnesyl diazoacetate. Prestwich GD, et al. **Methods Enzymol** 1985; 111:509–30

PHARMACODYNAMICS

Photoaffinity labeling of undecaprenyl pyrophosphate synthetase with a farnesyl pyrophosphate analogue. Baba T, et al. **J Biol Chem** 1985 Sep 5;260(19):10467–73

THERAPEUTIC USE

[Cytogenetic characteristics of the leukemia L1210 strain in the development of drug resistance] Goncharova SA, et al. **Eksp Onkol** 1984;6(4):38–41 (Eng. Abstr.) (Rus)

DIAZOOXONORLEUCINE see under **AZO COMPOUNDS**

DIAZOXIDE

ADVERSE EFFECTS

Complications of diazoxide in the treatment of nesidioblastosis [letter] Gillies DR. **Arch Dis Child** 1985 May;60(5):500–1

Complications of diazoxide in the treatment of nesidioblastosis. McGraw ME, et al. **Arch Dis Child** 1985 Jan;60(1):62–4

Increase of serum androgens during diazoxide treatment [letter] Hallengren B, et al. **Lancet** 1984 Nov 3; 2(8410):1044–5

PHARMACODYNAMICS

Effect of LN 5330 on insulin release and calcium uptake by isolated rat islets of Langerhans. Comparison with diazoxide. Manteghetti M, et al. **Arch Int Pharmacodyn Ther** 1984 Nov;272(1):159–67

Pharmacologic manipulation of the microcirculation in cutaneous and myocutaneous flaps in pigs. Pang CY, et al. **Clin Plast Surg** 1985 Apr;12(2):173–84

The effects of diazoxide upon fetal and maternal hemodynamics and fetal brain function and metabolism. Ayromlooi J, et al. **Pediatr Pharmacol (New York)** 1982; 2(4):293–304

Combined effects of a calcium-agonist and hypoglycemic or hyperglycemic sulfonamides upon insulin release. Malaisse WJ, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jul;49(1):71–83

THERAPEUTIC USE

Minibolus diazoxide in the management of severe hypertension in pregnancy. Dudley DK. **Am J Obstet Gynecol** 1985 Jan 15;151(2):196–200

Effects of diazoxide-induced reversible diabetes on chemically induced autochthonous mammary carcinomas in Sprague-Dawley rats. Berger MR, et al. **Int J Cancer** 1985 Mar 15;35(3):395–401

Diazoxide vs labetalol: a cross-over comparison of short-term effects in hypertension. Rumboldt Z, et al. **Int J Clin Pharmacol Res** 1983;3(1):47–54

[Changes in heart function during the use of the peripheral vasodilator diazoxide on arterial hypertension patients] Shkhvatsabaia IK, et al. **Kardiologiia** 1985 Mar;25(3):19–22 (Eng. Abstr.) (Rus)

[Use of vasodilators in the management of severe pre-eclampsia. 1. Diazoxide] Zamora Orozco J, et al. **Ginecol Obstet Mex** 1983 Apr;51(312):89–94 (Eng. Abstr.) (Spa)

DIBEKACIN see under **KANAMYCIN**

DIBENZAZEPINES

Oxidation in H2O and D2O of 6-ethyl-5H-dibenz(c,e)azepine and 1-methylnicotinamide by aldehyde oxidase from rabbit liver. Thomas HG, et al. **Arch Biochem Biophys** 1985 Sep;241(2):649–55

ADMINISTRATION & DOSAGE

Mianserin: is the intraperitoneal route of administration the best? Sugrue MF. **J Pharm Pharmacol** 1984 Aug; 36(8):548–9

A double-blind study of the effect of trimipramine in patients with the irritable bowel syndrome. Myren J, et al. **Scand J Gastroenterol** 1984 Sep;19(6):835–43

[Comparison of various tools for evaluating depression apropos of a study on Athymil 30 mg] Lempérière T, et al. **Ann Med Psychol (Paris)** 1984 Nov;142(9):1206–14 (Fre)

ADVERSE EFFECTS

Thrombocytopenia and leucopenia with mianserin-dependent antibodies. Stricker BH, et al. **Br J Clin Pharmacol** 1985 Jan;19(1):102–4

Erythema multiforme due to mianserin—a case against generic prescribing. Cox NH. **Br J Clin Pract** 1985 Jul; 39(7):293–4

Agranulocytosis and mianserin [letter] Edwards IR. **NZ Med J** 1985 Feb 13;98(772):75–6

Mianserin [letter] Edwards IR. **NZ Med J** 1985 May 8; 98(778):350

Cardiovascular effects of single doses of the antidepressants amitriptyline and lofepramine in healthy subjects. Stern H, et al. **Pharmacopsychiatry** 1985 Jul;18(4):272–7

Early relapse after sudden withdrawal or dose reduction of clozapine [letter] Perényi A, et al. **Psychopharmacology (Berlin)** 1985;86(1–2):244

[Clozapine and agranulocytosis] Xu SH. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Oct; 17(5):271–2 (Eng. Abstr.) (Chi)

[ECG changes developing during clozapine treatment] Beier J, et al. **Ugeskr Laeger** 1985 Feb 11;147(7):619–20 (Eng. Abstr.) (Dan)

[Immunoallergic febrile reaction with hypereosinophilia after ingestion of metapramine (letter)] Gentric A, et al. **Presse Med** 1985 Jun 8;14(23):1290 (Fre)

[Hepatic toxicity of mianserin] Urbain D, et al. **Rev Med Brux** 1985 Jan;6(1):39–40 (Eng. Abstr.) (Fre)

[Acute bone marrow and liver damage during treatment with clozapine] Brodowski L, et al. **Pol Tyg Lek** 1984 May 21; 39(21):721–2 (Eng. Abstr.) (Pol)

BLOOD

Rate of change in tricyclic plasma levels important [letter] Shalev A, et al. **Am J Psychiatry** 1985 Mar;142(3):388–9

Analysis of blood and tissue for amoxapine and trimipramine. Wu Chen NB, et al. **J Forensic Sci** 1983 Jan;28(1):116–21

Determination of trimipramine and metabolites in plasma by liquid chromatography with electrochemical detection. Suckow RF, et al. **J Pharm Sci** 1984 Dec;73(12):1745–8

CHEMICAL SYNTHESIS

[Synthesis and neurologic action of new 11-substituted 5H-dibenzo[b,e][1,4]diazepines] Skoldinov AP, et al. **Pharmazie** 1984 Dec;39(12):812–3 (Eng. Abstr.) (Ger)

METABOLISM

The application of hepatocyte culture to the identification of pathways of drug metabolism: studies with pindolol and fluperlapine. Paine AJ, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):3111–4

Receptor binding profile of quinupramine, a new tricyclic antidepressant. Sakamoto H, et al. **Jpn J Pharmacol** 1984 Dec;36(4):455–60

Different effects of serotonin antagonists on 3H-mianserin and 3H-ketanserin recognition sites. Gandolfi O, et al. **Life Sci** 1985 Feb 25;36(8):713–21

Carpipramine metabolism in the rat, rabbit and dog and in man after oral administration. Bieder A, et al. **Xenobiotica** 1985 May;15(5):421–35

[Comparative bioavailability of 3 oral forms of metapramine in healthy volunteers] Bougerolle AM, et al. **Therapie** 1984 Nov–Dec;39(6):619–24 (Eng. Abstr.) (Fre)

PHARMACODYNAMICS

Chronic treatment with clozapine, unlike haloperidol, does not induce changes in striatal D-2 receptor function in the rat. Rupniak NM, et al. **Biochem Pharmacol** 1985 Aug 1; 34(15):2755–63

Effects of chronic administration of amitriptyline or mianserin on rat cardiac and central adrenoceptors. Choudhury L, et al. **Br J Pharmacol** 1985 Jul;85(3):635–8

Neuroleptics increase striatal catecholamine metabolites but not ascorbic acid in dialyzed perfusate. Blakely RD, et al. **Brain Res** 1984 Aug 6;308(1):1–8

Effects of zimeldine, mianserin and amitriptyline on psychomotor skills and their interaction with ethanol a placebo controlled cross-over study. Seppälä T, et al. **Eur J Clin Pharmacol** 1984;27(2):181–9

Effect of clozapine and molindone on plasma and brain levels of mescaline in mice. Shah NS, et al. **Eur J Drug Metab Pharmacokinet** 1984 Oct–Dec;9(4):307–9

Clozapine blocks disruptive and discriminative stimulus effects of quipazine. Friedman RL, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):191–3

Trimipramine, a tricyclic antidepressant exerting atypical actions on the central noradrenergic system. Hauser K, et al. **Eur J Pharmacol** 1985 Apr 23;111(1):23–30

The effect of trimipramine (Surmontil) on the gastric secretion of acid and pepsin in patients with duodenal ulceration. Mackay HP, et al. **J Int Med Res** 1984; 12(5):303–6

Possible mechanisms by which repeated clozapine administration differentially affects the activity of two subpopulations of midbrain dopamine neurons. Chiodo LA, et al. **J Neurosci** 1985 Sep;5(9):2539–44

Postjunctional effects of mianserin and its metabolites on the rat isolated anococcygeus muscle. Doggrell SA. **J Pharm Pharmacol** 1985 Feb;37(2):116–20

Investigation of the influence of lithium upon the down-regulation of serotonin2 receptors in rat frontal cortex induced by long-term treatment with dibenzepin, an antidepressant without appreciable affinity to serotonin2 receptors. Closse A, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul; 326(4):291–3

The effect of (+/-)mianserin and its enantiomers on the behavioural hyperactivity of the olfactory-bulbectomized rat. Jancsár SM, et al. **Neuropharmacology** 1984 Sep; 23(9):1065–70

Effects of chronic lithium, amitriptyline and mianserin on glucoregulation, corticosterone and energy balance in the rat. Storlien LH, et al. **Pharmacol Biochem Behav** 1985 Jan; 22(1):119–25

Loxapine and clozapine decrease serotonin (S2) but do not elevate dopamine (D2) receptor numbers in the rat brain. Lee T, et al. **Psychiatry Res** 1984 Aug;12(4):277–85

Effects of the two antidepressant drugs mianserin and indalpine on the serotonergic system: single-cell studies in the rat. Blier P, et al. **Psychopharmacology (Berlin)** 1984; 84(2):242–9

Differential effects of haloperidol and clozapine on attention. Cheal M. **Psychopharmacology (Berlin)** 1984;84(2):268–73

Differential alterations in striatal dopamine receptor sensitivity induced by repeated administration of clinically equivalent doses of haloperidol, sulpiride or clozapine in rats. Rupniak NM, et al. **Psychopharmacology (Berlin)** 1984; 84(4):512–9

Effects of some dibenzo-azepines on suppressed and nonsuppressed behavior of squirrel monkeys. Spealman RD. **Psychopharmacology (Berlin)** 1985;85(2):129–32

Differential alteration of striatal D-1 and D-2 receptors induced by the long-term administration of haloperidol, sulpiride or clozapine to rats. Jenner P, et al. **Psychopharmacology [Suppl]** 1985;2:174–81

[Clozepine (Leponex)] Gerlach J. **Ugeskr Laeger** 1984 Dec 10;146(50):3943–4 (Dan)

[Characteristics of the effect of haloperidol and clozapine on the rhythmic features of phenamine sterotypy in cats] Tolpyshev BA, et al. **Farmakol Toksikol** 1984 Nov–Dec; 47(6):20–5 (Eng. Abstr.) (Rus)

[Effect of leponex on the ultrastructure of the brain] Uranova NA. **Zh Nevropatol Psikhiatr** 1985;85(7):1006–11 (Eng. Abstr.) (Rus)

POISONING

Mianserin [letter] Cliff G. **NZ Med J** 1985 Mar 27; 98(775):206–7

THERAPEUTIC USE

Management of mixed affective symptoms in primary care: a critical experiment. Ancill RJ, et al. **Acta Psychiatr Scand** 1984 Nov;70(5):463–9

Citalopram versus mianserin. A controlled, double-blind trial in depressed patients. de Wilde J, et al. **Acta Psychiatr Scand** 1985 Jul;72(1):89–96

Tolerability and therapeutic effect of clozapine. A retrospective investigation of 216 patients treated with clozapine for up to 12 years. Juul Povlsen U, et al. **Acta Psychiatr Scand** 1985 Feb;71(2):176–85

A double-blind group comparative study using the new anti-depressant Org 3770, placebo and diazepam in patients with expected insomnia and anxiety before elective gynaecological surgery. Sørensen M, et al. **Acta Psychiatr Scand** 1985 Apr;71(4):339–46

Cardiac protective effects of tricyclic antidepressants [letter] Manoach M, et al. **Am J Cardiol** 1984 Oct 1;54(7):941

Psychopharmacologic drugs in the treatment of the irritable bowel syndrome. A double blind study of the effect of trimipramine. Myren J, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 May-Jun; 20(3):117–23 (Eng, Fre)

A double-blind study comparing mianserin and dothiepin: an application for computers in clinical psychiatry. Akhtar MJ, et al. **Br J Clin Pract** 1984 Sep;38(9):316–9

Improvement of depression with lofepramine (Gamanil). A multicentre hospital assessment of a new antidepressant. Morse PF, et al. **Br J Clin Pract** 1984 Sep;38(9):301–5

Comparison of trazodone and mianserin in depressive illness. Bennie EH, et al. **Curr Med Res Opin** 1984;9(4):253–8

Migraine and the noradrenergic control of vasomotricity: a study with alpha-2 stimulant and alpha-2 blocker drugs. Martucci N, et al. **Headache** 1985 Mar;25(2):95–100

Evaluation of trimipramine in the management of peptic ulcer. Tripathi BM, et al. **J Assoc Physicians India** 1985 Feb;33(2):141–3

A comparative trial of the antidepressant, anxiolytic, and cardiovascular effects of trimipramine and doxepin in depressed hospitalized patients. Assalian P, et al. **J Clin Psychiatry** 1985 Mar;46(3):90–4

Trimipramine and maprotiline: antidepressant, anxiolytic, and cardiotoxic comparison. Pecknold JC, et al. **J Clin Psychiatry** 1985 May;46(5):166–71

Trimipramine in physical illness with depression. Rifkin A, et al. **J Clin Psychiatry** 1985 Feb;46(2 Pt 2):4–8

Effect of clozapine in severe tardive dyskinesia: a case repo Meltzer HY, et al. **J Clin Psychopharmacol** 1984 Oc 4(5):286–7

Antiulcer effects of trimipramine using various laborato models. Aguwa CN, et al. **Jpn J Pharmacol** 1984 Oc 36(2):125–9

Mianserin versus amitriptyline for depression: a double-bli 6-week trial. Rabkin JG, et al. **Neuropsychobiology** 198 12(4):224–8

Antipsychotic efficacy of fluperlapine. An open multicen trial. Woggon B, et al. **Neuropsychobiology** 19 11(2):116–20

The dexamethasone suppression test in long-stay patients a the effect of mianserin [letter] Maar SA, et al. **NZ Med J** 1984 Oct 24;97(766):742

A double-blind comparison of lofepramine and clomipram in depressed outpatients. Dimitriou E, et al. **Psychopharmacol Bull** 1984 Fall;20(4):684–7

Fluperlapine in tardive dyskinesia and parkinso Korsgaard S, et al. **Psychopharmacology (Berlin)** 19 84(1):76–9

Combined treatment of refractory depression with an M inhibitor and a tricyclic. Manahadi MS, et al. **Psychosomatics** 1984 Dec;25(12):929-31

The use of trimipramine in the treatment of peptic ulcer in Singapore. Kang JY, et al. **Singapore Med J** 1983 Dec; 24(6):343-5

[An analysis of 106 cases of schizophrenia treated with clozapine] Yang JS. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Aug; 17(4):242-4 (Eng. Abstr.) (Chi)

[Comparative treatment of duodenal ulcer with placebo and trimipramine (Herphonal). A multicenter study] Bergmann M, et al. **Z Arztl Fortbild (Jena)** 1985;79(8):337-9 (Ger)

[Treatment of anxious-depressive syndromes with Mianserin hydrochloride. Statistical evaluation of the data by Student's 't test'] Spinetti G, et al. **Minerva Psichiatr** 1985 Jan-Mar;26(1):79-86 (Eng. Abstr.) (Ita)

[Noveril treatment of patients with treatment-resistant depressions (comparative evaluation of technics of intravenous drip administration)] Panteleeva GP, et al. **Zh Nevropatol Psikhiatr** 1984;84(8):1221-6 (Eng. Abstr.) (Rus)

DIBENZEPIN see under **DIBENZAZEPINES**

DIBENZHEPTROPINE see under **TROPANES**

DIBENZOCYCLOHEPTENES

[2 cases of amineptine dependence] Ginestet D, et al. **Encephale** 1984;10(4):189-91 (Eng. Abstr.) (Fre)

ANALYSIS

[Polarographic determination of noxiptilin hydrochloride in tablets] Albert K. **Pharmazie** 1984 Aug;39(8):548-50 (Eng. Abstr.) (Ger)

METABOLISM

The pKa of butaclamol and the mode of butaclamol binding to central dopamine receptors. Chrzanowski FA, et al. **J Med Chem** 1985 Mar;28(3):399-400

PHARMACODYNAMICS

Differential elevation by protriptyline and depression by diazepam of upper airway respiratory motor activity. Bonora M, et al. **Am Rev Respir Dis** 1985 Jan;131(1):41-5

Effects of short- and long-term protriptyline treatment on phospholipid metabolism in rat brain. Trzeciak HI. **J Neurochem** 1985 Feb;44(2):401-5

Study of the hypnic effect of amineptine evaluation by means of polygraphy and tests. Bramanti P, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985; 9(2):157-65

[Effect of butaclamol enantiomers on hypothalamic tyrosine hydroxylase in the rat brain] Mineeva MF, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):453-6 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

Nortriptyline and protriptyline in hyperventilation [letter] DiFilippo NM. **Arch Intern Med** 1985 Sep;145(9):1736

[Confusional status and simultaneous prescription of amineptin and indalpine. Apropos of 3 recent cases] Arnaud-Castiglioni R, et al. **Ann Med Psychol (Paris)** 1984 Dec;142(10):1331-3 (Fre)

[Open study on the efficacy of amineptin in a sample of depressed patients] Magurno F, et al. **Minerva Psichiatr** 1984 Oct-Dec;25(4):265-8 (Eng. Abstr.) (Ita)

DIBENZOTHIEPINS

[Absorption characteristics of hemoperfusion sorbents of Czechoslovak manufacture for various drugs] Monhart V, et al. **Cas Lek Cesk** 1984 Aug 31;123(35):1091-5 (Eng. Abstr.) (Cze)

ADVERSE EFFECTS

Delayed gastric emptying with dothiepin. Woodhouse KW, et al. **Hum Toxicol** 1985 Jan;4(1):67-70

Inappropriate antidiuretic hormone secretion associated with dothiepin [letter] Fort S, et al. **Lancet** 1985 Sep 7; 2(8454):551

ANALYSIS

High-performance liquid chromatographic determination of 3-hydroxymethyl-dibenzo[b,f]thiepin 5,5-dioxide and its acid metabolite in human plasma and urine. Slobodzian DK, et al. **J Chromatogr** 1985 Feb 27;338(1):253-8

METABOLISM

Possible relationship between antimanic effect and activity of zotepine to 5HT1 receptor. Harada T, et al. **Folia Psychiatr Neurol Jpn** 1984;38(4):473-80

[Biotransformation of oxyprothepine by the monoxygenase system in the liver of rats] Paulíková I, et al. **Cesk Farm** 1984 Nov;33(9):385-6 (Eng. Abstr.) (Slo)

PHARMACODYNAMICS

Preservation of ischemic myocardial tissue with an antagonist of vasoconstrictor eicosanoids. Lefer AM, et al. **Can J Physiol Pharmacol** 1984 Dec;62(12):1487-91

Potentiation of the inhibitory effect of a thromboxane A2 antagonist (L-640,035) on arterial thrombosis formation in rabbit by the angiotensin converting enzyme inhibitor enalapril. Chan CC, et al. **Eur J Pharmacol** 1985 Apr 16; 110(3):323-8

Decreased 5-HT2 but not 5-HT1 receptor binding in cortex of rat after chronic administration of dothiepin. Application of the Woolf plot to analysis of binding parameters. Diggory GL, et al. **Neuropharmacology** 1985 Apr; 24(4):275-8

Reduced head-twitch response to quipazine of rats previously treated with methiothepin: possible involvement of dopaminergic system. Dall'Olio R, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):43-8

Effects of a contractile prostaglandin antagonist (L-640,035) upon allergen-induced bronchoconstriction in hyperreactive rats and conscious squirrel monkeys. McFarlane CS, et al. **Prostaglandins** 1984 Aug;28(2):173-82

THERAPEUTIC USE

Information, compliance and side-effects in patients on dothiepin. Herxheimer A. **Br J Clin Pharmacol** 1984 Sep; 18(3):462-4

A double-blind study comparing mianserin and dothiepin: an application for computers in clinical psychiatry. Akhtar MJ, et al. **Br J Clin Pract** 1984 Sep;38(9):316-9

A double-blind study of the efficacy and safety of dothiepin hydrochloride in the treatment of major depressive disorder. Stratas NE. **J Clin Psychiatry** 1984 Nov; 45(11):466-9

[Oxyprothepin decanoate in maintenance therapy of schizophrenia—a double-blind, standardized controlled study] Filip V, et al. **Cesk Psychiatr** 1985 Feb;81(1):6-14 (Eng. Abstr.) (Cze)

[Our first experimental and clinical experience with the neuroleptic isofloxythepin] Náhunek K, et al. **Cesk Psychiatr** 1984 Aug;80(4):220-3 (Eng. Abstr.) (Cze)

DIBENZOXAZEPINES

ADVERSE EFFECTS

Amoxapine-induced tardive dyskinesia. Tao GK, et al. **Drug Intell Clin Pharm** 1985 Jul-Aug;19(7-8):548-9

Neuroleptic malignant syndrome. Irwin GE Jr, et al. **J Emerg Med** 1984;1(3):207-11

Amoxapine-associated acute renal failure [letter] Chu CC, et al. **South Med J** 1985 Jun;78(6):761

[Amoxapine. An antidepressant responsible for extrapyramidal side effects?] Matot JP, et al. **Therapie** 1985 May-Jun;40(3):187-90 (Eng. Abstr.) (Fre)

[Malignant syndrome caused by neuroleptics. A case produced by loxapine (letter)] Genís Batlle D, et al. **Med Clin (Barc)** 1984 Oct 6;83(10):432-3 (Spa)

ANALYSIS

Polarographic determination of nitroxazepine hydrochloride in tablets. Mishra AK, et al. **Analyst** 1985 Jan;110(1):31-4

BLOOD

Pharmacokinetics of amoxapine and its active metabolites. Calvo B, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Apr;23(4):180-5

Determination of amoxapine and metabolites in plasma by liquid chromatography with electrochemical detection. Suckow RF, et al. **J Chromatogr** 1985 Feb 27;338(1):225-9

Analysis of blood and tissue for amoxapine and trimipramine. Wu Chen NB, et al. **J Forensic Sci** 1983 Jan;28(1):116-21

CHEMICAL SYNTHESIS

Methyl purple, an exceptionally sensitive monitor of chloroplast photosystem I turnover: physical properties and synthesis. Graan T, et al. **Anal Biochem** 1985 Jan; 144(1):193-8

METABOLISM

Loxapine yields amoxapine. Badway MA, et al. **J Clin Psychopharmacol** 1984 Dec;4(6):363-4

PHARMACODYNAMICS

Interaction of amoxapine with muscarinic cholinergic receptors: an in vitro assessment. Coupet J, et al. **Eur J Pharmacol** 1985 Jun 7;112(2):231-5

Redistribution of carotid artery blood flow by 5-HT: effects of the 5-HT2 receptor antagonists ketanserin and Wal 1307. Verdouw PD, et al. **Eur J Pharmacol** 1984 Jul 20; 102(3-4):499-509

Loxapine and clozapine decrease serotonin (S2) but do not elevate dopamine (D2) receptor numbers in the rat brain. Lee T, et al. **Psychiatry Res** 1984 Aug;12(4):277-85

POISONING

Amoxapine fatalities: three case studies. Winek CL, et al. **Forensic Sci Int** 1984 Sep;26(1):33-8

Acute renal failure associated with amoxapine overdose. Chu CC, et al. **Nebr Med J** 1984 Oct;69(10):338-9

Amoxapine overdosage and primary lactic acidosis [letter] Cooper GJ, et al. **NZ Med J** 1985 Jul 24;98(783):608-9

[Poisoning by amoxapine (Demolox). A new tricyclic antidepressive agent] Schurizek BA, et al. **Ugeskr Laeger** 1984 Oct 22;146(43):3285-6 (Eng. Abstr.) (Dan)

THERAPEUTIC USE

Amoxapine in psychotic-delusional depression [letter] Ragheb M, et al. **Am J Psychiatry** 1984 Oct;141(10):1312-3

Is loxapine more effective than chlorpromazine in paranoid schizophrenia? Rifkin A, et al. **Am J Psychiatry** 1984 Nov; 141(11):1411-3

Amoxapine failure—a neuroleptic property? Signer SF, et al. **Can J Psychiatry** 1984 Oct;29(6):510-2

Amoxapine for the treatment of psychotically depressed subjects. A pilot study. Falk WE, et al. **J Nerv Ment Dis** 1985 Feb;173(2):[illegible]-3

TOXICITY

Cardiovascular and neurological changes in conscious rhesus monkeys following intravenous infusion of nitroxazepine and other tricyclic antidepressants. David J, et al. **Indian J Exp Biol** 1984 Oct;22(10):539-43

DIBENZOXEPINS

ANALYSIS

Nonsteroidal antiinflammatory agents. V. Photolysis of 6,11-dihydro-11-oxodibenz[b,e]oxepin-3-acetic acid. Tagawa H, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug; 32(8):3047-52

PHARMACODYNAMICS

Central versus peripheral sites of antipyretic action of a non-steroidal anti-inflammatory agent, AD-1590, in rabbits. Nakamura H, et al. **Agents Actions** 1984 Dec; 15(5-6):606-11

TOXICITY

Mutagenicity of lichen constituents. Shibamoto T, et al. **Environ Mutagen** 1984;6(5):757-62

A postulated mechanism of beta-sympathomimetic induction of rib and limb anomalies in rat fetuses. Sterz H, et al. **Teratology** 1985 Jun;31(3):401-12

DIBOZANE see under **PIPERAZINES**

DIBROMODULCITOL see **MITOLACTOL**

DIBROMOTHYMOQUINONE see under **QUINONES**

DIBUCAINE

Particulate contamination of solutions for intrathecal use. Pinnock CA. **Ann R Coll Surg Engl** 1984 Nov;66(6):423

ADVERSE EFFECTS

Pruritus after spinal anaesthesia [letter] Pithar C. **Anaesthesia** 1984 Oct;39(10):1029-30

METABOLISM

Local anesthetic-phospholipid interactions. The pH dependence of the binding of dibucaine to dimyristoylphosphatidylcholine vesicles. Eftink MR, et al. **Biochim Biophys Acta** 1985 Feb 28;813(1):137-40

Uptake of dibucaine into large unilamellar vesicles in response to a membrane potential. Mayer LD, et al. **J Biol Chem** 1985 Jan 25;260(2):802-8

PHARMACODYNAMICS

DNA damage induced by bleomycin in the presence of dibucaine is not predictive of cell growth inhibition. Berry DE, et al. **Biochemistry** 1985 Jun 18;24(13):3214-9

Effects of diamide and dibucaine on platelet glycoprotein Ib, actin-binding protein and cytoskeleton. Solum NO, et al. **Biochim Biophys Acta** 1985 Jul 25;817(2):249-60

Effect of the local anesthetic dibucaine on the surface membrane in sterol-manipulated Tetrahymena pyriformis studied by freeze-fracture electron microscopy. Sekiya T, et al. **Cell Struct Funct** 1984 Dec;9(4):381-9

[Atypical cholinesterases: investigation using the dibucaine test] Tramontano R, et al. **Minerva Anestesiol** 1985 Jan-Feb;51(1-2):5-7 (Ita)

TOXICITY

Reversible suppression of growth and differentiation of cultured chick myogenic cells with very low concentrations of dibucaine. Hagiwara Y, et al. **J Pharmacobiodyn** 1985 Apr;8(4):311-9

DIBUTYL PHTHALATE see under **PHTHALIC ACIDS**

DIBUTYRYL ADENOSINE-3',5'-MONOPHOSPHATE see **DIBUTYRYL CYCLIC AMP**

DIBUTYRYL CYCLIC AMP

ANALOGS & DERIVATIVES

Effect of pretreatment of long–term ovariectomized rats with an LRH antagonist on LH release in vitro by LRH, elevated K+ or N6–monobutyryl adenosine 3',5'–monophosphate (mbcAMP) plus theophylline. van Rees GP, et al. **Acta Endocrinol (Copenh)** 1985 Mar; 108(3):331–7

PHARMACODYNAMICS

Improved lung–thorax compliance in the premature rabbit neonate after treatment with dibuturyladenosine–3':5'–cyclic monophosphate. Cosmi EV, et al. **Acta Obstet Gynecol Scand** 1984;63(6):523–5
Myocardial calcium uptake in streptozotocin diabetic and control rats after dibutyryl–cAMP; alpha–adrenergic stimulation and calcium deprivation. Gøtzsche O. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):144–8
Different effects of cyclic nucleotide derivatives upon the rat oocyte–cumulus complex in vitro. Törnell J, et al. **Acta Physiol Scand** 1984 Dec;122(4):507–13
Relationship among parathyroid hormone, cAMP, and calcium on proximal tubule sodium transport. Dolson GM, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):F409–16
Epithelial properties of human colonic carcinoma cell line Caco–2: effect of secretagogues. Grasset E, et al. **Am J Physiol** 1985 May;248(5 Pt 1):C410–8
Parathyroid hormone and dibutyryl cAMP inhibit Na+/H+ exchange in renal brush border vesicles. Kahn AM, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F212–8
Dibutyryl–cAMP increases basolateral sodium conductance of mosquito Malpighian tubules. Sawyer DB, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):R339–45
Excitatory effects of dibutyryl cyclic AMP, noradrenaline and theophylline on 45Ca uptake by synaptosomes from rat brain. Ribeiro JA, et al. **Arch Int Pharmacodyn Ther** 1984 Aug;270(2):215–31
Combined effect of phorbol ester and, A23187 or dibutyryl cyclic AMP on pepsinogen secretion from isolated gastric glands. Sakamoto C, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):314–9
Differentiation and de–differentiation of cultured chondrocytes: increase in monomeric size of 'cartilage–specific' proteoglycans by dibutyryl cyclic AMP and complete inhibition of their synthesis by retinoic acid. Hiraki Y, et al. **Biochem Int** 1985 Feb;10(2):267–72
Effects of dibutyryl adenosine 3',5'–cyclic monophosphate on erythropoietin production in human renal carcinoma cell cultures. Hagiwara M, et al. **Blood** 1985 Sep; 66(3):714–7
Development of mucous cells in mouse intrapulmonary airways induced by cholera toxin, dibutyryl cyclic AMP and prostaglandin E1. Nygren H, et al. **Br J Exp Pathol** 1984 Oct;65(5):549–56
Enhancement of tetrodotoxin–induced axonal blockade by adenosine, adenosine analogues, dibutyryl cyclic AMP and methylxanthines in the frog sciatic nerve. Ribeiro JA, et al. **Br J Pharmacol** 1984 Oct;83(2):485–92
Dibutyryl cyclic AMP increases phosphodiesterase activity in the rat heart. Palmer WK, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1225–30
Induction of epidermoid differentiation by cyclic adenine nucleotide in cultured mammary tumors of mice. Schaefer FV, et al. **Cancer Res** 1985 Apr;45(4):1828–33
Pyruvate and lactate production by cultured Sertoli cells, fibroblasts and muscle satellite cells, and the effect of hormonal and dcAMP stimulation. Vivarelli E, et al. **Cell Biol Int Rep** 1984 Sep;8(9):739–46
The effects of parathyroid hormone, dibutyryl cyclic AMP, calcitonin and colchicine on glucosamine incorporation into bone cells. Severson AR. **Cell Mol Biol** 1985; 31(4):251–7
Increased gap junctional area in the rat liver after administration of dibutyryl cAMP. De Mazière AM, et al. **Cell Tissue Res** 1985;239(3):651–5
Inhibition by dibutyryl cyclic AMP of the transition to metaphase of mouse oocyte nuclei and its reversal by cell fusion to metaphase oocytes. Clarke HJ, et al. **Dev Biol** 1985 Mar;108(1):32–7
Inducibility of carbamoylphosphate synthetase (ammonia) in cultures of embryonic hepatocytes: ontogenesis of the responsiveness to hormones. Lamers WH, et al. **Dev Biol** 1984 Oct;105(2):500–8
Molecular cloning of gene sequences transcriptionally regulated by retinoic acid and dibutyryl cyclic AMP in cultured mouse teratocarcinoma cells. Wang SY, et al. **Dev Biol** 1985 Jan;107(1):75–86
Effects of cyclic AMP on limb bud chondrogenesis in low cell density culture. Hattori T, et al. **Exp Cell Res** 1985 Apr;157(2):371–8
Effect of cyclic AMP on cellular contractility and DNA synthesis in chorioretinal fibroblasts maintained in collagen matrices. van Bockxmeer FM, et al. **Exp Cell Res** 1984 Dec;155(2):413–21
Effects of dibutyryl adenosine 3'–5' cyclic monophosphate on the ultrastructure of rat ascites hepatoma cells and on the intracellular localization of alpha–fetoprotein. Torii M, et al. **Gann** 1984 Dec;75(12):1083–8
Sodium and calcium currents in neuroblastoma x glioma hybrid cells before and after morphological differentiation by dibutyryl cyclic AMP. Bodewei R, et al. **Gen Physiol Biophys** 1985 Apr;4(2):113–27
Induction of glomerulopressin production by cyclic AMP. Arany E, et al. **Horm Metab Res** 1985 Feb;17(2):72–7
Induction of fructose 1,6–bisphosphatase and glucose 6–phosphatase by dibutyryl cyclic adenosine monophosphate in fetal mouse liver. Tashima Y, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):805–13
Differential phosphorylation of multiple sites in protein 4.1 and protein 4.9 by phorbol ester–activated and cyclic AMP–dependent protein kinases. Horne WC, et al. **J Biol Chem** 1985 Aug 5;260(16):9073–6
Morphological transformation of Chinese hamster cells by acylpeptides, inhibitors of cAMP phosphodiesterase, produced by Bacillus subtilis. Hosono K, et al. **J Biol Chem** 1985 Sep 15;260(20):11252–5
Phosphorylation of rat C6 glioma cell DNA–dependent RNA polymerase II in vivo. Identification of phosphorylated subunits and modulation of phosphorylation by isoproterenol and N6,O2'–dibutyryl cyclic AMP. Lee SK, et al. **J Biol Chem** 1984 Dec 10;259(23):14695–701
Levels of ornithine aminotransferase messenger RNA under conditions of cyclic AMP induction in cultured hepatocytes. Merrill MJ, et al. **J Biol Chem** 1985 Sep 15; 260(20):11248–51
Cyclic AMP effects on cell–to–cell junctional membrane permeability during adipocyte differentiation of 3T3–L1 fibroblasts. Azarnia R, et al. **J Cell Biol** 1985 Jan; 100(1):265–9
Inhibition of cell communication between Balb/c 3T3 cells by tumor promoters and protection by cAMP. Enomoto T, et al. **J Cell Physiol** 1984 Nov;121(2):323–33
Lactic acid and steroid production by intact mouse adrenal glands and cell suspensions: effects of nucleotide derivatives and substrates. Hinson J, et al. **J Endocrinol** 1985 Jan; 104(1):105–11
Induction of myelin components: cyclic AMP increases the synthesis rate of 2',3'–cyclic nucleotide 3'–phosphohydrolase in C6 glioma cells. McMorris FA, et al. **J Neurochem** 1985 Apr;44(4):1242–51
Modulation of antigenic expression in cultured adult human oligodendrocytes by derivatives of adenosine 3',5'–cyclic monophosphate. Kim SU, et al. **J Neurol Sci** 1985 May–Jun;69(1–2):81–91
Opiate– and alpha 2–adrenoceptor–induced hyperpolarizations of locus ceruleus neurons in brain slices: reversal by cyclic adenosine 3':5'–monophosphate analogues. Andrade R, et al. **J Neurosci** 1985 Sep; 5(9):2359–64
Astrocyte cell lineage. V. Similarity of astrocytes that form in the presence of dBcAMP in cultures to reactive astrocytes in vivo. Fedoroff S, et al. **J Neurosci Res** 1984; 12(1):14–27
Mechanism of effect of dibutyryl cyclic adenosine 3',5'–monophosphate on canine renal renin release. Bondar N, et al. **J Physiol (Lond)** 1984 Oct;355:33–41
Role of cyclic AMP in antiserum–induced growth inhibition of murine leukemia L5178Y cells. Woodcock–Mitchell J, et al. **Leuk Res** 1985;9(4):481–9
Prostacyclin–independence in beta–adrenoceptor mediated renin release from dog renal cortical slices. Satoh H, et al. **Life Sci** 1984 Oct 1;35(14):1519–26
Effects of dibutyryl cyclic AMP, theophylline or isobutylmethylxanthine on human renal cancer cell line (OUR–10) and normal human kidney cell. Fujioka H. **Med J Osaka Univ** 1984 Mar;34(3–4):43–56
Biochemical and immunological characterization of mutant L–M cells with altered levels of dibutyryl cyclic AMP–inducible alkaline phosphatase. Gum JR Jr, et al. **Mol Cell Biol** 1985 May;5(5):1184–7
Regulation of aromatase activity of rat granulosa cells: induction of synthesis of NADPH–cytochrome P–450 reductase by FSH and dibutyryl cyclic AMP. Durham CR, et al. **Mol Cell Endocrinol** 1985 May;40(2–3):211–9
Responsiveness of immature versus adult male rat hypothalami to dibutyryl cyclic AMP– and forskolin–induced LHRH release in vitro. Hartter DE, et al. **Neuroendocrinology** 1985 Jun;40(6):476–82
Rapid modulation of rat hepatocyte HMG–CoA reductase activity by cyclic AMP or cyclic GMP. Henneberg R, et al. **Physiol Chem Phys Med NMR** 1985;17(1):35–40
Determination of synaptic phenotype: insulin and cAMP independently initiate development of electrotonic coupling between cultured sympathetic neurons. Kessler JA, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6235–9
Effects of dibutyryl cyclic AMP and forskolin on phospholipid biosynthesis in thrombin–stimulated human platelets. Imai A, et al. **Thromb Res** 1984 Sep 1;35(5):539–46

DIBUTYRYL CYCLIC GMP see under **GUANOSINE CYCLIC MONOPHOSPHATE**

DICAMBA see under **BENZOATES**

DICARBETHOXYDIHYDROCOLLIDINE see under **PYRIDINES**

DICARBOXYLIC ACIDS

ADVERSE EFFECTS

Allergic contact dermatitis to dimer acid product—a flexibilizing epoxy resin hardener. Wall LM. **Australas J Dermatol** 1984 Dec;25(3):125–6

ANALYSIS

Compartmentalization and persistence of endothall in experimental pools. Reinert KH, et al. **Ecotoxicol Environ Safety** 1985 Aug;10(1):86–96
Simultaneous liquid chromatographic determination of glutaric acid, phenylephrine, and benzyl alcohol in a prototype nasal spray with application to di- and tricarboxylic acids. Wilson TD, et al. **J Pharm Sci** 1985 Mar;74(3):312–5

METABOLISM

Production of N–nitrosoiminodialkanoic acids by nitrite in gastric juice. Outram JR, et al. **IARC Sci Publ** 1984; (57):71–6
Molecular cloning and genetic organization of C4–dicarboxylate transport genes from Rhizobium leguminosarum. Ronson CW, et al. **J Bacteriol** 1984 Dec; 160(3):903–9
Isolation and reconstitution of the n–butylmalonate–sensitive dicarboxylate transporter from rat liver mitochondria. Kaplan RS, et al. **J Biol Chem** 1985 Aug 25;260(18):10293–8
Identification of methyl–branched chain dicarboxylic acids in amniotic fluid and urine in propionic and methylmalonic acidemia. Jakobs C, et al. **Pediatr Res** 1984 Nov; 18(11):1185–91

PHARMACODYNAMICS

Stabilization of subunit enzymes by intramolecular crosslinking with bifunctional reagents. Torchilin VP, et al. **Ann NY Acad Sci** 1984;434:27–30
Activity of azelaic acid on cultures of lymphoma– and leukemia–derived cell lines, normal resting and stimulated lymphocytes and 3T3 fibroblasts. Picardo M, et al. **Biochem Pharmacol** 1985 May 15;34(10):1653–8
Inhibition of lipid synthesis by beta beta'–tetramethyl–substituted, C14–C22, alpha, omega–dicarboxylic acids in the rat in vivo. Bar–Tana J, et al. **J Biol Chem** 1985 Jul 15;260(14):8404–10
Inhibition of lipid synthesis by beta beta'–tetramethyl–substituted, C14–C22, alpha, omega–dicarboxylic acids in cultured rat hepatocytes. Rose–Kahn G, et al. **J Biol Chem** 1985 Jul 15; 260(14):8411–5
An evaluation of the effectiveness of azelaic acid as a depigmenting and chemotherapeutic agent. Pathak MA, et al. **J Invest Dermatol** 1985 Sep;85(3):222–8
Effect of dicarboxylic acids on Harding–Passey and Cloudman S91 melanoma cells in tissue culture. Robins EJ, et al. **J Invest Dermatol** 1985 Sep;85(3):216–21
Synthesis and pharmacological characterization of 5–(2–dodecylphenyl)–4,6–dithianonanedioic acid and 5–[2–(8–phenyloctyl)phenyl]–4,6–dithianonanedioic acid: prototypes of a novel class of leukotriene antagonists. Perchonock CD, et al. **J Med Chem** 1985 Sep;28(9):1145–7

TOXICITY

Toxicity of the herbicides endothall and diquat to benthic crustacea. Williams EH, et al. **Bull Environ Contam Toxicol** 1984 Oct;33(4):418–22

URINE

Capillary gas chromatographic/mass spectrometric analysis of abnormal metabolites in hypoglycin–treated rat urine. Hine DG, et al. **Biomed Mass Spectrom** 1984 Jul; 11(7):332–9
A new patient with dicarboxylic aciduria suggestive of medium–chain Acyl–CoA dehydrogenase deficiency presenting as Reye's syndrome. Del Valle JA, et al. **J Inherited Metab Dis** 1984;7(2):62–4
The differential diagnosis of dicarboxylic aciduria. Duran M, et al. **J Inherited Metab Dis** 1984;7 Suppl 1:48–51
Animal models for dicarboxylic aciduria. Sherratt HS, et al. **J Inherited Metab Dis** 1984;7 Suppl 1:52–6
Octanoic acidemia and octanoylcarnitine excretion with dicarboxylic aciduria due to defective oxidation of medium–chain fatty acids. Duran M, et al. **J Pediatr** 1985 Sep;107(3):397–404
Urinary dicarboxylic acids in Reye syndrome. Tonsgard JH. **J Pediatr** 1985 Jul;107(1):79–84
[Isolation and identification of the urinary metabolite of biphenyl dimethyl dicarboxylate] Wang XL, et al. **Yao Hsueh Hsueh Pao** 1984 Feb;19(2):90–5 (Eng. Abstr.) (Chi)

DICARBOXYLIC AMINO ACIDS see **AMINO ACIDS, DICARBOXYLIC**

DICHLOROACETATE see under **ACETIC ACIDS**

3,3'–DICHLOROBENZIDINE see under **BENZIDINES**

DICHLORODIPHENYLDICHLOROETHANE see **DDD**

DICHLOROETHYLENES see under **HYDROCARBONS, CHLORINATED**

DICHLOROISOPROTERENOL

PHARMACODYNAMICS

Processing of digestive vacuoles in Tetrahymena and the effects of dichloroisoproterenol. Fok AK, et al. **J Protozool** 1985 Feb;32(1):6-9

DICHLOROMETHYLENE DIPHOSPHONATE see under **DIPHOSPHONATES**

DICHLOROPHEN

ANALOGS & DERIVATIVES

Acceptance of OMNI-II disinfectant for instruments and equipment. Council on Dental Therapeutics. **J Am Dent Assoc** 1985 Mar;110(3):394

PHARMACODYNAMICS

In vitro inhibition of Giardia lamblia and Trichomonas vaginalis growth by bithionol, dichlorophene, and hexachlorophene. Takeuchi T, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):65-70

2,4-DICHLOROPHENOXYACETIC ACID

Effects of 2,4-dichlorophenoxyacetic acid in artificial acid rain on Brassica napus and Sinapis alba. Løkke H. **Ecotoxicol Environ Safety** 1984 Aug;8(4):328-38

ADVERSE EFFECTS

Iritis after herbicide exposure [letter] McMillin RB, et al. **Am J Ophthalmol** 1985 Jun 15;99(6):726-7

Forestry workers involved in aerial application of 2,4-dichlorophenoxyacetic acid (2,4-D): exposure and urinary excretion. Frank R, et al. **Arch Environ Contam Toxicol** 1985 Jul;14(4):427-35

Human effects of TCDD exposure. Hobson LB. **Bull Environ Contam Toxicol** 1984 Dec;33(6):696-701

The Agent Orange controversy in Australia: a contribution to the debate. Hall W, et al. **Community Health Stud** 1985; 9(2):109-19

Vietnam veterans risk for fathering children with birth defects [letter] Sterling TD, et al. **JAMA** 1985 Aug 2; 254(5):609-10

An agent orange: case history. Fleck H. **Milit Med** 1985 Feb; 150(2):103-4

Design and execution of a very large birth-defects case-control study. Erickson JD, et al. **Prog Clin Biol Res** 1985;163B:273-7

ANALOGS & DERIVATIVES

Effects of microbial community interactions on transformation rates of xenobiotic chemicals. Lewis DL, et al. **Appl Environ Microbiol** 1984 Sep;48(3):561-5

Toxicities of butoxyethanol ester and propylene glycol butyl ether ester formulations of 2,4-dichlorophenoxy acetic acid (2,4-D) to juvenile salmonids. Finlayson BJ, et al. **Arch Environ Contam Toxicol** 1985 Mar;14(2):153-60

Determination of 2-ethylhexyl 2,4-dichlorophenoxyacetate in rat blood and urine by electron-capture gas chromatography and gas chromatography-mass spectrometry. Kropscott BE, et al. **J Chromatogr** 1984 Sep 7;299(1):263-8

Potential of 2,4-dichlorophenoxyacetic acid conjugates as promutagens in the Salmonella/microsome mutagenicity test. Rashid KA, et al. **J Environ Sci Health [B]** 1984 Nov-Dec;19(8-9):689-701

[Methods of determining centrophenoxine and p-chlorphenoxyacetic acid] Obrátil J. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(3):243-53 (Eng. Abstr.) **(Cze)**

[Kinetics of the herbicide dichlorprop and its leucine conjugate in rat serum and bile] Gericke S, et al. **Z Gesamte Hyg** 1984 Nov;30(11):615-7 (Eng. Abstr.) **(Ger)**

[Use of the orthogonal function method for background suppression in forensic chemical determination of various herbicides in biological material] Vergeichik TKh, et al. **Sud Med Ekspert** 1984 Jul-Sep;27(3):47-9 (Eng. Abstr.) **(Rus)**

ANALYSIS

Study of the concentration of the herbicide (2,4-dichlorophenoxy)-acetic acid in coca leaves and paste obtained from plants treated with this herbicide. Elsohly MA, et al. **Bull Narc** 1984 Apr-Jun;36(2):65-77

Procedure for the determination of 2,4-D and dicamba in inhalation, dermal, hand-wash, and urine samples from spray applicators. Grover R, et al. **J Environ Sci Health [B]** 1985 Feb;20(1):113-28

BLOOD

Determination of 2-ethylhexyl 2,4-dichlorophenoxyacetate in rat blood and urine by electron-capture gas chromatography and gas chromatography-mass spectrometry. Kropscott BE, et al. **J Chromatogr** 1984 Sep 7;299(1):263-8

METABOLISM

Characterization of aquatic bacteria and cloning of genes specifying partial degradation of 2,4-dichlorophenoxyacetic acid. Amy PS, et al. **Appl Environ Microbiol** 1985 May;49(5):1237-45

Effects of sorption on biological degradation rates of (2,4-dichlorophenoxy) acetic acid in soils. Ogram AV, et al. **Appl Environ Microbiol** 1985 Mar;49(3):582-7

Identification of 2,4-dichloroanisole and 2,4-dichlorophenol as soil degradation products of ring-labelled [14C]2,4-D. Smith AE. **Bull Environ Contam Toxicol** 1985 Feb; 34(2):150-7

Accumulation and transport of (2,4-dichlorophenoxy)acetic acid in plant cuticles. II. Permeability of the cuticular membrane. Riederer M, et al. **Ecotoxicol Environ Safety** 1985 Apr;9(2):196-208

Genetic and physical map of the 2,4-dichlorophenoxyacetic acid-degradative plasmid pJP4. Don RH, et al. **J Bacteriol** 1985 Jan;161(1):466-8

Transposon mutagenesis and cloning analysis of the pathways for degradation of 2,4-dichlorophenoxyacetic acid and 3-chlorobenzoate in Alcaligenes eutrophus JMP134(pJP4). Don RH, et al. **J Bacteriol** 1985 Jan;161(1):85-90

PHARMACODYNAMICS

The effects of hypolipidemic peroxisome proliferators on the induction of sister chromatid exchanges. Linnainmaa K. **Basic Life Sci** 1984;29 Pt B:965-74 (29 ref.)

2,4-Dichlorophenoxyacetic acid (2,4-D) reduces acetylcholinesterase activity in rat muscle. Bernard PA, et al. **Exp Neurol** 1985 Mar;87(3):544-56

Phosphatidylinositol turnover in isolated soybean membranes stimulated by the synthetic growth hormone 2,4-dichlorophenoxyacetic acid. Morré DJ, et al. **J Biol Chem** 1984 Dec 25;259(24):15364-8

TOXICITY

Toxicities of butoxyethanol ester and propylene glycol butyl ether ester formulations of 2,4-dichlorophenoxy acetic acid (2,4-D) to juvenile salmonids. Finlayson BJ, et al. **Arch Environ Contam Toxicol** 1985 Mar;14(2):153-60

Acute and subchronic toxicity of 2,4-dichlorophenol in CD-1 mice. Borzelleca JF, et al. **Fundam Appl Toxicol** 1985 Jun;5(3):478-86

Inhibition of intercellular communication in cultures of Chinese hamster V79 cells by 2,4-dichlorophenoxyacetic acid and 2,4,5-trichlorophenoxyacetic acid. Rubinstein C, et al. **Fundam Appl Toxicol** 1984 Oct;4(5):731-9

Increased rates of sister chromatid exchanges induced by the herbicide 2,4-D. Turkula TE, et al. **J Hered** 1985 May-Jun; 76(3):213-4

The effect of the phenoxyacetic acid herbicides 2,4,5-trichlorophenoxyacetic acid and 2,4-dichlorophenoxyacetic acid as ascertained by direct experimentation. Fagan K, et al. **Residue Rev** 1984;92:29-58

[Cytogenic activity of the combined action of the herbicides 2,4-D and 2,4,5-T] Konstantinova TK, et al. **Gig Sanit** 1984 Sep;(9):28-9 (Eng. Abstr.) **(Rus)**

URINE

A gas chromatographic method for determination of 2,4-D residues in urine after occupational exposure. Vural N, et al. **Bull Environ Contam Toxicol** 1984 Nov;33(5):518-24

DICHLORORIBOFURANOSYLBENZIMIDAZOLE see under **RIBONUCLEOSIDES**

DICHLOROXACILLIN see **DICLOXACILLIN**

DICHLORPHENAMIDE

PHARMACODYNAMICS

Topical ocular hypotensive activity and ocular penetration of dichlorphenamide sodium in rabbits. Lotti VJ, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;222(1):13-9

DICHLORVOS

ADVERSE EFFECTS

[Occupational contact dermatitis caused by dichlorvos pesticide] Stoermer D. **Dermatol Monatsschr** 1985; 171(4):245-9 (Eng. Abstr.) **(Ger)**

[Contamination of drugs with dichlorvos following the use of Fekama dichlorvos 50] Reinbold R. **Z Gesamte Hyg** 1985 Feb;31(2):96-8 (Eng. Abstr.) **(Ger)**

ANALYSIS

[Determination of O,O-dimethyl-O-(2,2-dichlorovinyl)phosphate in the soil and water by high performance chromatography] Khodakov PE, et al. **Gig Sanit** 1984 Oct;(10):53 **(Rus)**

METABOLISM

[Distribution of dichlorvos in the rat and the effect of clinoptilolite on poisoning] Ništiar F, et al. **Vet Med (Praha)** 1984 Nov;29(11):689-98 (Eng. Abstr.) **(Slo)**

PHARMACODYNAMICS

Use of suxamethonium in cats fitted with dichlorvos flea collars. Reynolds WT. **Aust Vet J** 1985 Mar;62(3):106-7

The resistance of E. coli cultivated in low concentrations of dichlorvos to N-methyl-N'-nitro-N-nitrosoguanidine induced mutagenesis. Alldrick AJ, et al. **Mutat Res** 1985 Jan-Feb;142(1-2):1-4

[The effect of dichlorvos and metathion on selected enzymes of the amoeba Tetrahymena pyriformis] Ništiar F, et al. **Vet Med (Praha)** 1985 Jul;30(7):443-7 (Eng. Abstr.) **(Slo)**

POISONING

[Effect of dimethoxy dichloro vinyl phosphate and fluorostigmine on the cyclic nucleotide content and dopamine level in the brain nigrostriatal system] Golovko AI, et al. **Farmakol Toksikol** 1985 Mar-Apr;48(2):46-8 (Eng. Abstr.) **(Rus)**

TOXICITY

Effect of high-fat and high-protein diets on toxicity of parathion and dichlorvos. Purshottam T, et al. **Arch Environ Health** 1984 Nov-Dec;39(6):425-30

Enzyme activities after in vitro and in vivo application of dichlorvos. Ellinger C. **Biomed Biochim Acta** 1985; 44(2):311-6

Dichlorvos intoxication in a freshwater prawn, Macrobrachium lamarrei (H. Milne Edwards). Omkar, et al. **Ecotoxicol Environ Safety** 1985 Jun;9(3):392-6

Nature of dichlorvos intoxication in a freshwater prawn, Macrobrachium lamarrei (H. Milne Edwards). Omkar, et al. **Environ Res** 1985 Aug;37(2):349-54

Alteration in carbohydrate metabolism of freshwater prawn, Macrobrachium lamarrei after dichlorvos exposure [letter] Omkar, et al. **Ind Health** 1984;22(2):133-6

Phospholipid-protein ratio in brain of suckling rabbits treated with an organophosphorus compound. Maslinska D, et al. **Int J Tissue React** 1984;6(4):317-22

Toxicity and interaction of topical organophosphate insecticide dichlorvoscrotoxyphos and phenothiazine anthelmintic in sheep previously exposed to both drugs. Mohammad FK, et al. **Vet Hum Toxicol** 1985 Jun; 27(3):181-4

[Hematologic changes in rats following exposure to dichlorvos] Ellinger C, et al. **Nahrung** 1985;29(4):351-5 (Eng. Abstr.) **(Ger)**

DICHOTIC LISTENING TESTS see under **HEARING TESTS**

DICLOFENAC see under **PHENYLACETATES**

DICLOFENAMID see **DICHLORPHENAMIDE**

DICLOXACILLIN

ANALYSIS

Hydrolysis of beta-lactamase inhibitor penicillins by PMR spectroscopy. Nanda RK, et al. **Indian J Biochem Biophys** 1984 Jun;21(3):195-7

METABOLISM

PMR investigation into the mechanism of dicloxacillin sulphoxide hydrolysis in presence of beta-lactamase. Nanda RK, et al. **Indian J Biochem Biophys** 1984 Aug;21(4):266-8

THERAPEUTIC USE

A multicenter comparison of related pharmacologic features of cephalexin and dicloxacillin given for two months to young children with cystic fibrosis. Harrison CJ, et al. **Pediatr Pharmacol (New York)** 1985;5(1):7-16

URINE

Structure confirmation of active metabolite of dicloxacillin in man by nuclear magnetic resonance spectroscopy. Murai Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3277-80

DICOFOL see under **INSECTICIDES, ORGANOCHLORINE**

DICOUMARIN see **BISHYDROXYCOUMARIN**

DICROCOELIASIS

DRUG THERAPY

Extracts of the ivy plant, Hedera helix, and their anthelminthic activity on liver flukes. Julien J, et al. **Planta Med** 1985 Jun;(3):205-8

VETERINARY

Dicroceliasis in the wild Japanese serow, Capricornis crispus. Nakamura T, et al. **Nippon Juigaku Zasshi** 1984 Jun; 46(3):405-8

The effect of sex on seasonal variation in single and double infection of cattle in Sierra Leone by Dicrocoelium hospes and Fasciola gigantica. Asanji MF, et al. **Vet Parasitol** 1984 Sep;15(3-4):247-55

[Dicrocoeliasis of sheep: studies of the pathogenesis and regeneration of the liver following therapy] Wolff K, et al. **Berl Munch Tierarztl Wochenschr** 1984 Oct 1; 97(10):378–87 (Eng. Abstr.) (Ger)

[Metabolic disorders in dicrocoeliasis in sheep] Markiewicz K, et al. **Wiad Parazytol** 1984;30(4):469–77 (Eng. Abstr.) (Pol)

DICROCOELIUM

ANALYSIS

Kinetics of oxygen and carbon monoxide binding to liver fluke (Dicrocoelium dendriticum) hemoglobin. An extreme case? Di Iorio EE, et al. **J Biol Chem** 1985 Feb 25; 260(4):2160–4

Proton nuclear magnetic resonance investigation of the heme cavity structure of liver fluke (Dicrocoelium dendriticum) methemoglobin. Lecomte J, et al. **J Mol Biol** 1984 Dec 5;180(2):357–70

ANATOMY & HISTOLOGY

[Micromorphology of the nervous system in the trematodes Fasciola hepatica and Dicrocoelium lanceatum] Shipkova LN. **Parazitologiia** 1984 Nov–Dec;18(6):440–4 (Eng. Abstr.) (Rus)

PHYSIOLOGY

[Function of the acetabulum of digenetic trematodes, as exemplified by Dicrocoelium dendriticum] Neuhaus W. **Z Parasitenkd** 1985;71(1):53–60 (Eng. Abstr.) (Ger)

DICROSTONYX see **CRICETIDAE**

DICTIONARIES

The use of morphosemantic regularities in the medical vocabulary for automatic lexical coding. Wolff S. **Methods Inf Med** 1984 Oct;23(4):195–203

[The Auschwitz dictionary (D). A model] Kłodziński S, et al. **Przegl Lek** 1985;42(1):56–63 (Pol)

DICTIONARIES, MEDICAL

[Suggestions for definitions of terms regarding the hip for the Polish Medical Dictionary] Lempicki A, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(6):579–82 (Eng. Abstr.) (Pol)

DICTYOCAULIASIS see **DICTYOCAULUS INFECTION**

DICTYOCAULUS see under **METASTRONGYLOIDEA**

DICTYOCAULUS INFECTION

DIAGNOSIS

Use of the enzyme-linked immunosorbent assay in the diagnosis of Dictyocaulus filaria infection. Joshi P, et al. **Res Vet Sci** 1984 Sep;37(2):258–9

DRUG THERAPY

Persistent anthelmintic activity of ivermectin in cattle. Armour J, et al. **Vet Rec** 1985 Feb 9;116(6):151–3

Efficacy of ivermectin against Dictyocaulus arnfieldi in ponies. Britt DP, et al. **Vet Rec** 1985 Mar 30;116(13):343–5

OCCURRENCE

Lungworms (Dictyocaulus arnfieldi): prevalence in live equids in Kentucky. Lyons ET, et al. **Am J Vet Res** 1985 Apr;46(4):921–3

Relationship between date of spring turnout and lungworm infection in calves. Jacobs DE, et al. **Vet Rec** 1985 Jan 19;116(3):75–6

[Lungworms in sheep in Hesse: incidence of Dictyocaulus filaria and protostrongylids as well as seasonal dynamics of larval excretion under various management systems] Gothe R, et al. **Berl Munch Tierarztl Wochenschr** 1984 Oct 1;97(10):359–66 (Eng. Abstr.) (Ger)

PARASITOLOGY

Parasitological, serological and clinical effects of continuous graded levels of Dictyocaulus viviparus inoculations in calves. Boon JH, et al. **Vet Parasitol** 1984 Nov; 16(3–4):261–72

PHYSIOPATHOLOGY

Longitudinal study of the effects of lungworm infection on bovine pulmonary function. Lekeux P, et al. **Am J Vet Res** 1985 Jun;46(6):1392–5

Physiological effects of experimental verminous bronchitis in Friesian calves. Lekeux P, et al. **Can J Comp Med** 1985 Apr;49(2):205–7

PREVENTION & CONTROL

Field evaluation of a method for the chemoprophylaxis of parasitic bronchitis in calves. Jacobs DE, et al. **Vet Rec** 1985 May 4;116(18):492–6

TRANSMISSION

Dispersal of Dictyocaulus viviparus larvae from bovine faeces in Ireland. Somers CJ, et al. **Vet Rec** 1985 Jun 22; 116(25):657–60

DICTYOSTELIUM

ANALYSIS

Polypeptide compositions of amoebae of the cellular slime mould Dictyostelium discoideum separated by partitioning during development. Sharpe PT, et al. **Biosci Rep** 1985 Feb;5(2):121–7

Receptor for the cell binding site of discoidin I. Gabius HJ, et al. **Cell** 1985 Sep;42(2):449–56

Extracellular lumazine from aggregating Dictyostelium discoideum cells. Influence of pH on its fluorescence. Tatischeff I, et al. **Hoppe Seylers Z Physiol Chem** 1984 Oct;365(10):1255–62

Identification of methylphosphomannosyl residues as components of the high mannose oligosaccharides of Dictyostelium discoideum glycoproteins. Gabel CA, et al. **J Biol Chem** 1984 Nov 25;259(22):13762–9

Specific recognition of calmodulin from Dictyostelium discoideum by the ATP, ubiquitin-dependent degradative pathway. Gregori L, et al. **J Biol Chem** 1985 May 10; 260(9):5232–5

Quantitative immunochemical studies of myosin in Dictyostelium discoideum. Reines D, et al. **J Biol Chem** 1985 Jan 25;260(2):1133–40

Monoclonal antibodies against seven sites on the head and tail of Dictyostelium myosin. Peltz G, et al. **J Cell Biol** 1985 Apr;100(4):1016–23

Isolation of an actin-binding protein from membranes of Dictyostelium discoideum. Stratford CA, et al. **J Cell Biol** 1985 Mar;100(3):727–35

Site-specific phasing in the chromatin of the rDNA in Dictyostelium discoideum. Edwards CA, et al. **J Mol Biol** 1984 Nov 25;180(1):73–90

CYTOLOGY

Concurrent disappearance of N-acylethanolamine glycerophospholipids and phagolysosomes enriched in N-acylethanolamine glycerophospholipids as Dictyostelium discoideum cells aggregate. Ellingson JS, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):255–60

Carbohydrate and other epitopes of the contact site A glycoprotein of Dictyostelium discoideum as characterized by monoclonal antibodies. Bertholdt G, et al. **Cell Differ** 1985 May;16(3):187–202

Localization and levels of cyclic AMP during development of Dictyostelium discoideum. Merkle RK, et al. **Cell Differ** 1984 Oct;14(4):257–66

Molecular characterization of anterior-like cells in Dictyostelium discoideum. Devine KM, et al. **Dev Biol** 1985 Feb;107(2):364–72

A characterization of the preaggregative period of Dictyostelium discoideum. Finney RE, et al. **Dev Biol** 1985 Jul;110(1):157–70

Prestalk/prespore differentiation tendency of Dictyostelium discoideum cells as detected by a stalk-specific monoclonal antibody. Noce T, et al. **Dev Biol** 1985 May;109(1):157–64

Acquisition process of differentiation competence in Dictyostelium discoideum. Okamoto K. **Dev Biol** 1985 Jan; 107(1):198–205

Dictyostelium amebae alter motility differently in response to increasing versus decreasing temporal gradients of cAMP. Varnum B, et al. **J Cell Biol** 1985 Jul;101(1):1–5

Control of cellular differentiation by temperature in the cellular slime mould Dictyostelium discoideum. Maeda M. **J Cell Sci** 1984 Jul;69:159–65

A revision of the Dictyostelium discoideum cell cycle. Weijer CJ, et al. **J Cell Sci** 1984 Aug;70:111–31

Dependence of cell-type proportioning and sorting on cell cycle phase in Dictyostelium discoideum. Weijer CJ, et al. **J Cell Sci** 1984 Aug;70:133–45

Influence of cyclic AMP and hydrolysis products on cell type regulation in Dictyostelium discoideum. Weijer CJ, et al. **J Embryol Exp Morphol** 1985 Apr;86:19–37

DRUG EFFECTS

Self-induced nystatin resistance in Dictyostelium discoideum. Kasbekar DP, et al. **Antimicrob Agents Chemother** 1985 Jun;27(6):974–6

Changes in protein synthesis and in RNA poly A+ population after treatment of Dictyostelium amoebae by 5-bromo-2'-deoxyuridine. Scrive-Menahem M, et al. **Biol Cell** 1984;52(3):231–42

The effect of tunicamycin on cell-surface changes associated with development and differentiation of Dictyostelium discoideum. Sharpe PT, et al. **Biosci Rep** 1984 Jul; 4(7):589–92

cAMP induces a rapid and reversible modification of the chemotactic receptor in Dictyostelium discoideum. Klein C, et al. **J Cell Biol** 1985 Mar;100(3):715–20

ENZYMOLOGY

The membrane-bound alkaline phosphatase and 5'-nucleotidase activities of vegetative cells of Dictyostelium discoideum. Bhanot P, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):497–505

Purification of S-adenosyl-L-homocysteine hydrolase from Dictyostelium discoideum: reversible inactivation by cAMP and 2'-deoxyadenosine. Hohman RJ, et al. **Arch Biochem Biophys** 1984 Sep;233(2):785–95

A plasma membrane Mg2+-ATPase in the cellular slime mold Dictyostelium discoideum. Macdonald JI, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):1–7

Dipeptidyl-aminopeptidases and aminopeptidases in Dictyostelium discoideum. Chan SA, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):962–8

Control of ornithine decarboxylase in the cellular slime mould Dictyostelium discoideum. North MJ. **Biochem Soc Trans** 1985 Apr;13(2):313–6

Chromatographic behavior of cyclic AMP dependent protein kinase and its subunits from Dictyostelium discoideum. Rutherford CL, et al. **Biochemistry** 1984 Sep 25; 23(20):4611–7

Apurinic/apyrimidinic-specific endonuclease activities from Dictyostelium discoideum. Guyer RB, et al. **Biochim Biophys Acta** 1985 Apr 19;824(4):304–12

The developmental regulation of L-ornithine decarboxylase in Dictyostelium discoideum and its induction by cAMP. van Lookeren Campagne MM, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):55–63

Adenylate cyclase of Dictyostelium discoideum: solubilization and Mn2+-dependency. Hagmann J. **Cell Biol Int Rep** 1985 May;9(5):491–4

cAMP-stimulated adenylate cyclase activation in Dictyostelium discoideum is inhibited by agents acting at the cell surface. Fontana DR, et al. **Dev Biol** 1984 Nov; 106(1):76–82

Changes in the post-translational modification of lysosomal enzymes during development of Dictyostelium. Moore BR, et al. **Differentiation** 1985;29(1):7–13

Cyclic nucleotide specificity of the activator and catalytic sites of a cGMP-stimulated cGMP phosphodiesterase from Dictyostelium discoideum. Kesbeke F, et al. **Eur J Biochem** 1985 Aug 15;151(1):179–86

Maturation of alpha-mannosidase in Dictyostelium discoideum. Acquisition of endoglycosidase H resistance and sulfate. Cladaras MH, et al. **J Biol Chem** 1984 Nov 25;259(22):14165–9

Purification from Dictyostelium discoideum of a low-molecular-weight myosin that resembles myosin I from Acanthamoeba castellanii. Côté GP, et al. **J Biol Chem** 1985 Apr 25;260(8):4543–6

Interaction of Dictyostelium discoideum lysosomal enzymes with the mammalian phosphomannosyl receptor. The importance of oligosaccharides which contain phosphodiesters. Freeze HH. **J Biol Chem** 1985 Jul 25; 260(15):8857–64

The role of enzyme sequestration in the regulation of the adenylate cyclase of Dictyostelium discoideum. Padh H, et al. **J Biol Chem** 1985 Mar 25;260(6):3613–6

Guanine nucleotide inhibition of adenylate cyclase in a membrane fraction from Dictyostelium discoideum. Khachatrian L, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(2):179–87

Alterations in trehalase solubility during development in the cellular slime mould Dictyostelium discoideum. Killick KA. **J Gen Microbiol** 1985 Feb;131 (Pt 2):273–8

O beta-(N-acetyl-alpha-glucosamine-1-phosphoryl)serine in proteinase I from Dictyostelium discoideum. Gustafson GL, et al. **Methods Enzymol** 1984;107:172–83

Purification and subunit structure of RNA polymerases I and II from Dictyostelium discoideum vegetative cells. Renart MF, et al. **Mol Cell Biochem** 1985 Feb;66(1):21–9

GENETICS

Efficiency of in vitro transcription of Dictyostelium discoideum actin gene is affected by the nucleotide sequence of the transcription initiation region. Takiya S, et al. **Biochemistry** 1985 Feb 12;24(4):1040–7

Conservation and variation of ribosomal proteins in several species of the cellular slime molds Dictyostelium and Polysphondylium. Ramagopal S, et al. **Biochim Biophys Acta** 1984 Nov 13;805(3):300–5

Developmental regulation of a Dictyostelium gene encoding a protein homologous to mammalian ras protein. Reymond CD, et al. **Cell** 1984 Nov;39(1):141–8

Expression of a spore-specific gene in Dictyostelium discoideum. Julien J, et al. **Cell Differ** 1984 Nov;15(1):37–42

Molecular cloning of a cDNA complementary to a UDP-glucose pyrophosphorylase mRNA of dictyostelium discoideum. Fishel BR, et al. **Dev Biol** 1985 Aug 110(2):369–81

Adhesion mutants of Dictyostelium discoideum lacking the saccharide determinant recognized by two adhesion-blocking monoclonal antibodies. Loomis WF, et al. **Dev Biol** 1985 May;109(1):111–7

Characterisation of a Dictyostelium discoideum DNA fragment coding for a putative tRNAValGUU gene. Evidence for a single transcription unit consisting of two overlapping class III genes. Dingermann T, et al. **Eur J Biochem** 1985 Jan 15;146(2):449–58

Translocations in Dictyostelium discoideum. Welker DL, et al. **Genetics** 1985 Feb;109(2):341–64

Genetic locus (stmF) associated with cyclic GMP phosphodiesterase activity in Dictyostelium discoideum maps in linkage group II. Coukell MB, et al. **J Bacteriol** 1985 Apr;162(1):427–9

Regulation of discoidin I gene expression in dictyostelium discoideum by cell-cell contact and cAMP. Berger EA, et al. **J Cell Biochem** 1985;27(4):391-400

Incomplete contact site A glycoprotein in HL220, a modB mutant of Dictyostelium discoideum. Gerisch G, et al. **J Cell Sci** 1985 Feb;73:49-68

Organization of the Dictyostelium discoideum actin multigene family. Flanking sequences show subfamily homologies and unusual dyad symmetries. Romans P, et al. **J Mol Biol** 1985 Jun 5;183(3):311-26

Specific regulation of transcription of the discoidin gene family in Dictyostelium discoideum. Alexander S, et al. **Mol Cell Biol** 1985 May;5(5):984-90

Structure of the Dictyostelium discoideum prestalk D11 gene and protein. Barklis E, et al. **Mol Cell Biol** 1985 Jun; 5(6):1473-9

Structure of the promoter of the Dictyostelium discoideum prespore EB4 gene. Barklis E, et al. **Mol Cell Biol** 1985 Jun;5(6):1465-72

Dictyostelium transposable element DIRS-1 preferentially inserts into DIRS-1 sequences. Cappello J, et al. **Mol Cell Biol** 1984 Oct;4(10):2207-13

Transcription of Dictyostelium discoideum transposable element DIRS-1. Cohen SM, et al. **Mol Cell Biol** 1984 Nov;4(11):2332-40

Cloning and expression of a cDNA that comprises part of the gene coding for a spore coat protein of Dictyostelium discoideum. Dowds BC, et al. **Mol Cell Biol** 1984 Nov; 4(11):2273-8

Dictyostelium discoideum mRNAs developmentally regulated during spore germination have short half-lives. Kelly R, et al. **Mol Cell Biol** 1985 Jan;5(1):133-9

A secreted factor and cyclic AMP jointly regulate cell-type-specific gene expression in Dictyostelium discoideum. Mehdy MC, et al. **Mol Cell Biol** 1985 Apr; 5(4):705-13

DNA-mediated transformation in Dictyostelium discoideum: regulated expression of an actin gene fusion. Nellen W, et al. **Mol Cell Biol** 1984 Dec;4(12):2890-8

Thymidine-requiring mutants of Dictyostelium discoideum. Podgorski G, et al. **Mol Cell Biol** 1984 Dec;4(12):2784-91

Inheritance of extrachromosomal ribosomal DNA during the asexual life cycle of Dictyostelium discoideum: examination by use of DNA polymorphisms. Welker DL, et al. **Mol Cell Biol** 1985 Feb;5(2):273-80

A lysine-rich protein functions as an H1 histone in Dictyostelium discoideum chromatin. Parish RW, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):15-30

GROWTH & DEVELOPMENT

Major changes in gene expression occur during at least four stages of development of Dictyostelium discoideum. Cardelli JA, et al. **Dev Biol** 1985 Jul;110(1):147-56

Regulation of protein synthesis during the preaggregative period of Dictyostelium discoideum development: involvement of close cell associations and cAMP. Finney RE, et al. **Dev Biol** 1985 Jul;110(1):171-91

Developmental changes in the modification of lysosomal enzymes in Dictyostelium discoideum. Knecht DA, et al. **Dev Biol** 1985 Feb;107(2):490-502

Regulation of lysosomal alpha-mannosidase-1 synthesis during development in Dictyostelium discoideum. Livi GP, et al. **Dev Biol** 1985 Aug;110(2):514-20

A developmentally regulated cysteine proteinase in Dictyostelium discoideum. Williams JG, et al. **EMBO J** 1985 Apr;4(4):999-1006

pH affects fruiting and slug orientation in Dictyostelium discoideum. Bonner JT, et al. **J Embryol Exp Morphol** 1985 Jun;87:207-13

A model for the establishment of pattern by positional differentiation with memory. Khait A, et al. **J Theor Biol** 1984 Sep 21;110(2):135-53

Regulation of a ras-related protein during development of Dictyostelium discoideum. Pawson T, et al. **Mol Cell Biol** 1985 Jan;5(1):33-9

[Physical interpretation of the morphogenetic processes in the pseudoplasmodium of Dictyostelium discoideum] Iudin ID, et al. **Dokl Akad Nauk SSSR** 1984;277(4):987-91 **(Rus)**

IMMUNOLOGY

Monoclonal antibodies specific for stalk differentiation in Dictyostelium discoideum. Wallace JS, et al. **Cell Differ** 1984 Aug;14(3):205-11

METABOLISM

Folate and cAMP modulate GTP binding to isolated membranes of Dictyostelium discoideum. Functional coupling between cell surface receptors and G-proteins. De Wit RJ, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):11-7

Guanine nucleotides modulate cell surface cAMP-binding sites in membranes from Dictyostelium discoideum. Van Haastert PJ. **Biochem Biophys Res Commun** 1984 Oct 30; 124(2):597-604

Comparison of the hydrolysis of phosphatidylethanolamine and phosphatidyl(N-acyl)ethanolamine in Dictyostelium discoideum amoebae. Ellingson JS, et al. **Biochim Biophys Acta** 1984 Nov 14;796(2):155-62

The biosynthesis and turnover of lipid during the differentiation of Dictyostelium discoideum. MacDonald JI, et al. **Biochim Biophys Acta** 1985 May 17;834(3):301-7

The modulation of cell surface cAMP receptors from Dictyostelium discoideum by ammonium sulfate. Van Haastert PJ. **Biochim Biophys Acta** 1985 May 30; 845(2):254-60

Differential turnover of tRNAs of the queuosine family in Dictyostelium discoideum and its possible role in regulation. Ott G, et al. **Biol Chem Hoppe Seyler** 1985 Jan; 366(1):69-76

Differential mechanisms for liposome uptake by vegetative and aggregation competent cells of Dictyostelium discoideum. Sekeri-Pataryas KH, et al. **Can J Microbiol** 1984 Oct;30(10):1216-21

cAMP induces a transient elevation of cGMP levels during early culmination of Dictyostelium minutum. Schaap P, et al. **Cell Differ** 1985 Feb;16(1):29-33

Adenosine and its derivatives inhibit the cAMP signaling response in Dictyostelium discoideum. Theibert A, et al. **Dev Biol** 1984 Nov;106(1):166-73

Selective induction of stalk-cell-specific proteins in Dictyostelium. Kopachik WJ, et al. **Differentiation** 1985; 28(3):209-16

Oscillations and cyclic AMP-induced changes of the K+ concentration in Dictyostelium discoideum. Aeckerle S, et al. **EMBO J** 1985 Jan;4(1):39-43

In situ localization of actin mRNA in Dictyostelium discoideum aggregates. Barklis E, et al. **Exp Cell Res** 1985 Aug;159(2):479-86

Guanine nucleotides modulate the ligand binding properties of cell surface folate receptors in Dictyostelium discoideum. De Wit RJ, et al. **FEBS Lett** 1985 Jan 7; 179(2):257-61

Kinetics and concentration dependence of reversible cAMP-induced modification of the surface cAMP receptor in Dictyostelium. Devreotes PN, et al. **J Biol Chem** 1985 May 25;260(10):6378-84

Identification and cyclic AMP-induced modification of the cyclic AMP receptor in Dictyostelium discoideum. Klein P, et al. **J Biol Chem** 1985 Feb 10;260(3):1757-64

Specific photoaffinity labeling of the cAMP surface receptor in Dictyostelium discoideum. Theibert A, et al. **J Biol Chem** 1984 Oct 25;259(20):12318-21

Demonstration of receptor heterogeneity and affinity modulation by nonequilibrium binding experiments. The cell surface cAMP receptor of Dictyostelium discoideum. Van Haastert PJ, et al. **J Biol Chem** 1984 Nov 10; 259(21):13321-8

Discoidin I, an endogenous lectin, is externalized from Dictyostelium discoideum in multilamellar bodies. Barondes SH, et al. **J Cell Biol** 1985 Jun;100(6):1825-33

Pathways involved in targeting and secretion of a lysosomal enzyme in Dictyostelium discoideum. Mierendorf RC Jr, et al. **J Cell Biol** 1985 May;100(5):1777-87

Chemoattractant-mediated changes in cytoskeletal actin of cellular slime moulds. McRobbie SJ, et al. **J Cell Sci** 1984 Jun;68:139-51

Constraints on the models of carbohydrate metabolism in the two cell types of Dictyostelium discoideum. Wright BE. **J Theor Biol** 1984 Oct 5;110(3):445-60

Reversible cyclic AMP-dependent change in distribution of myosin thick filaments in Dictyostelium. Yumura S, et al. **Nature** 1985 Mar 14-20;314(6007):194-6

PHYSIOLOGY

Inositol 1,4,5-trisphosphate induces cyclic GMP formation in Dictyostelium discoideum. Europe-Finner GN, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1115-22

A new model for chemotactic signal transduction in Dictyostelium discoideum. McRobbie SJ, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1076-83

Complex oscillatory phenomena, including multiple oscillations, in regulated biochemical systems. Goldbeter A. **Biomed Biochim Acta** 1985;44(6):881-9

Discoidin I is implicated in cell-substratum attachment and ordered cell migration of Dictyostelium discoideum and resembles fibronectin. Springer WR, et al. **Cell** 1984 Dec; 39(3 Pt 2):557-64

Reversible inhibition of aggregation-related cohesivity in Dictyostelium discoideum by diffusible metabolites. McConaghy JR, et al. **Dev Biol** 1984 Oct;105(2):389-95

The possible involvement of oscillatory cAMP signaling in multicellular morphogenesis of the cellular slime molds. Schaap P, et al. **Dev Biol** 1984 Oct;105(2):470-8

Spore coat protein synthesis during development of Dictyostelium discoideum requires a low-molecular-weight inducer and continued multicellularity. Wilkinson DG, et al. **Dev Biol** 1985 Jan; 107(1):38-46

Modulation of the cAMP relay in Dictyostelium discoideum by ammonia and other metabolites: possible morphogenetic consequences. Williams GB, et al. **Dev Biol** 1984 Oct; 105(2):377-88

Oscillations in cell shape and size during locomotion and in contractile activities of Physarum polycephalum, Dictyostelium discoideum, Amoeba proteus and macrophages. Satoh H, et al. **Exp Cell Res** 1985 Jan; 156(1):79-90

Induction of post-aggregative differentiation in Dictyostelium discoideum by cAMP. Evidence of involvement of the cell surface cAMP receptor. Schaap P, et al. **Exp Cell Res** 1985 Aug;159(2):388-98

Phagocytic behavior of the predatory slime mold, Dictyostelium caveatum. Cell nibbling. Waddell DR, et al. **Exp Cell Res** 1985 Aug;159(2):323-34

Decoration with myosin subfragment-1 disrupts contacts between microfilaments and the cell membrane in isolated Dictyostelium cortices. Bennett H, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1434-40

Ligand-induced changes in the location of actin, myosin, 95K (alpha-actinin), and 120K protein in amebae of Dictyostelium discoideum. Carboni JM, et al. **J Cell Biol** 1985 Jun;100(6):1884-93

Transient increase in intracellular pH during Dictyostelium differentiation. Jamieson GA Jr, et al. **J Cell Biol** 1984 Nov;99(5):1883-7

Intracellular pH in Dictyostelium discoideum: a 31P nuclear magnetic resonance study. Jentoft JE, et al. **J Cell Biol** 1985 Sep;101(3):778-84

The role of the cell cycle in differentiation of the cellular slime mould Dictyostelium discoideum. Sharpe PT, et al. **Mol Cell Biochem** 1985 May;67(1):3-9

Transduction of chemical signals in dictyostelium cells. Gerisch G, et al. **Prog Clin Biol Res** 1984;164:237-47

ULTRASTRUCTURE

Localization of soluble endogenous lectins and their ligands at specific extracellular sites. Barondes SH, et al. **Biol Cell** 1984;51(2):165-72

Preparation of Dictyostelium discoideum for electron microscopy. Sameshima M. **Cell Struct Funct** 1984 Jun; 9(2):187-92

The orientation of nucleus, nucleus-associated body and protruding nucleolus in aggregating Dictyostelium discoideum. Sameshima M. **Exp Cell Res** 1985 Feb; 156(2):341-50

DICUMAROL see BISHYDROXYCOUMARIN

DICYCLOHEXYLCARBODIIMIDE see under CARBODIIMIDES

DICYCLOMINE see under CYCLOHEXANECARBOXYLIC ACIDS

DIDELPHIS see OPOSSUMS

DIELDRIN

Dieldrin and diazinon resistance in populations of the Australian sheep blowfly, Lucilia cuprina, from sheep-grazing areas and rubbish tips. McKenzie JA. **Aust J Biol Sci** 1984;37(5-6):367-74

METABOLISM

Avian species differences in the intestinal absorption of xenobiotics (PCB, dieldrin, $Hg2+$). Serafin JA. **Comp Biochem Physiol [C]** 1984;78(2):491-6

PHARMACODYNAMICS

The effect of long term administration of dieldrin on biochemical components in blood serum of albino rats. Shakoori AR, et al. **Folia Biol (Krakow)** 1984;32(3):213-22

Increased susceptibility to mouse hepatitis virus 3 of peritoneal macrophages exposed to dieldrin. Krzystyniak K, et al. **Toxicol Appl Pharmacol** 1985 Sep 30;80(3):397-408

TOXICITY

Cholinesterase activities in developing amphibian embryos following exposure to the insecticides dieldrin and malathion. de Llamas MC, et al. **Arch Environ Contam Toxicol** 1985 Mar;14(2):161-6

Genetic linkage between malathion and dieldrin resistance in Anopheles arabiensis. Lines JD, et al. **Can J Genet Cytol** 1984 Dec;26(6):646-50

The effects of dieldrin and chlordimeform on learning and memory in the cockroach, Periplaneta americana: a study in behavioral toxicology. Topinka MA, et al. **J Toxicol Environ Health** 1984;13(4-6):705-19

Effects of lindane-type insecticides in mammals: unsolved problems. Woolley D, et al. **Neurotoxicology** 1985 Summer; 6(2):165-92

DIENCEPHALON

Amnesic syndrome: a lesion-specific disorder? Parkin AJ. **Cortex** 1984 Dec;20(4):479-508

Diencephalic syndrome of emaciation (Russell's syndrome). Long-term survival. Namba S, et al. **Surg Neurol** 1985 Jun; 23(6):581-8

[Diencephalon-dependent disorders of body height during development] Vock K, et al. **Kinderarztl Prax** 1984 Nov; 52(11):505-10 (Eng. Abstr.) **(Ger)**

[Diencephalic pilocytic astrocytoma with clinical onset in infancy. Biological behavior and pathomorphological findings in 11 children] Jänisch W, et al. **Zentralbl Allg Pathol** 1985;130(1):31-43 (Eng. Abstr.) **(Ger)**

[Features of the mediator reaction in patients with tumors of the sella-diencephalic region in the early postoperative period] Usvatova IIa, et al. **Anesteziol Reanimatol** 1984 Sep-Oct;(5):49-53 (Eng. Abstr.) **(Rus)**

[Reaction of the sympathetic-adrenal system of patients with tumors of the sellar-diencephalic region in the postoperative period] Il'icheva RF, et al. **Zh Vopr Neirokhir** 1985 Mar–Apr;(2):35–40 (Eng. Abstr.) (Rus)

ANALYSIS

[Homovanillic acid levels in corpus striatum, limbic system and diencephalon of male and female rats. Leret ML, et al. **Rev Esp Fisiol** 1984 Dec;40(4):489–92

ANATOMY & HISTOLOGY

Cholinergic and non–cholinergic forebrain projections to the interpeduncular nucleus. Albanese A, et al. **Brain Res** 1985 Mar 11;329(1–2):334–9

The descending alpha–MSHergic (alpha–melanocyte–stimulating hormone–ergic) projections from the zona incerta and lateral hypothalamic area to the inferior colliculus and spinal cord in the rat. Shiosaka S, et al. **Brain Res** 1985 Jul 15;338(2):371–5

Topography of retinal axons in the diencephalon of goldfish. Fraley SM, et al. **Cell Tissue Res** 1984;238(3):529–38

Projections of the bed nucleus of the stria terminalis to the mesencephalon, pons, and medulla oblongata in the cat. Holstege G, et al. **Exp Brain Res** 1985;58(2):379–91

Cobalt injected into the right and left fasciculi retroflexes clarifies the organization of this pathway. Kemali M, et al. **J Comp Neurol** 1985 Mar 1;233(1):1–11

Cortical projections to nuclei adjacent to the oculomotor complex in the medial dien–mesencephalic tegmentum in the monkey. Leichnetz GR, et al. **J Comp Neurol** 1984 Sep 20;228(3):359–87

The organization of retinal projections to the diencephalon and pretectum in the cichlid fish, Haplochromis burtoni. Presson J, et al. **J Comp Neurol** 1985 May 15;235(3):360–74

A reevaluation of midbrain and diencephalic projections to the inferior olive in rat with particular reference to the rubro–olivary pathway. Rutherford JG, et al. **J Comp Neurol** 1984 Oct 20;229(2):285–300

The zona incerta: another source of centrifugal fibers to the main olfactory bulb. Uemura–Sumi M, et al. **Neurosci Lett** 1985 Feb 4;53(3):241–5

Non–cholinergic globus pallidus cells that project to the cortex but not to the subthalamic nucleus in rat. Van der Kooy D, et al. **Neurosci Lett** 1985 Jun 12;57(2):113–8

Projections from the diencephalon and mesencephalon to nucleus paragigantocellularis lateralis in the cat. Lovick TA. **Neuroscience** 1985 Mar;14(3):853–61

Afferent connections of the zona incerta: a horseradish peroxidase study in the rat. Shammah–Lagnado SJ, et al. **Neuroscience** 1985 May;15(1):109–34

BLOOD SUPPLY

Angioarchitectonics of hedgehog diencephalon. Malínská J, et al. **Acta Univ Palacki Olomuc Fac Med** 1985;108:81–91

CYTOLOGY

Strain–dependent variations in the number of forebrain cholinergic neurons. Albanese A, et al. **Brain Res** 1985 May 20;334(2):380–4

Differences in the neurons that project from the dorsal column nuclei to the diencephalon, pretectum, and tectum in the cat. Bull MS, et al. **Somatosens Res** 1984;1(3):281–300

DRUG EFFECTS

Subcortical changes in the regional uptake of [3H]–2–deoxyglucose in the brain of the monkey during experimental choreiform dyskinesia elicited by injection of a gamma–aminobutyric acid antagonist into the subthalamic nucleus. Mitchell IJ, et al. **Brain** 1985 Jun;108 (Pt 2):405–22

Ultrastructural study of colchicine neurotoxicity in septohabenulointerpeduncular system. Contestabile A, et al. **Brain Res Bull** 1984 Jul;13(1):99–107

Diencephalic sites of progesterone action for inhibiting aggression and facilitating sexual receptivity in estrogen–primed golden hamsters. Takahashi LK, et al. **Endocrinology** 1985 Jun;116(6):2393–9

Effects of idebenone (CV–2619) on endogenous monoamine release and cyclic AMP formation in diencephalon slices from rats. Narumi S, et al. **Jpn J Pharmacol** 1985 Feb;37(2):218–21

ENZYMOLOGY

Angiotensin–converting enzyme in discrete forebrain areas of spontaneously hypertensive rats. Chevillard C, et al. **Brain Res** 1984 Sep 10;309(2):389–92

Choline acetyltransferase–like immunoreactivity in the forebrain of the red–eared pond turtle (Pseudemys scripta elegans). Mufson EJ, et al. **Brain Res** 1984 Dec 3;323(1):103–8

The distribution of glutamic acid decarboxylase immunoreactivity in the diencephalon of the opossum and rabbit. Penny GR, et al. **J Comp Neurol** 1984 Sep 1;228(1):38–56

Histochemical mapping of ATPase and 5'–nucleotidase in the telencephalon and diencephalon of mouse. Tanwar RK, et al. **J Hirnforsch** 1984;25(5):511–26

Slice cultures confirm the presence of cholinergic neurons in the rat habenula. Keller F, et al. **Neurosci Lett** 1984 Dec 21;52(3):299–304

Cortical projections arising from the basal forebrain: a study of cholinergic and noncholinergic components employing combined retrograde tracing and immunohistochemical localization of choline acetyltransferase. Rye DB, et al. **Neuroscience** 1984 Nov;13(3):627–43

METABOLISM

Common neural mechanisms in experimental chorea and hemiballismus in the monkey. Evidence from 2–deoxyglucose autoradiography. Mitchell IJ, et al. **Brain Res** 1985 Jul 29;339(2):346–50

Bilateral alpha–melanocyte stimulating hormonergic fiber system from zona incerta to cerebral cortex: combined retrograde axonal transport and immunohistochemical study. Shiosaka S, et al. **Brain Res** 1984 Sep 10;309(2):350–3

Vasopressin cells in the bed nucleus of the stria terminalis of the rat: sex differences and the influence of androgens. van Leeuwen FW, et al. **Brain Res** 1985 Jan 28;325(1–2):391–4

Quantitative light microscopic autoradiography of [3H]hemicholinium–3 binding sites in the rat central nervous system: a novel biochemical marker for mapping the distribution of cholinergic nerve terminals. Vickroy TW, et al. **Brain Res** 1985 Mar 11;329(1–2):368–73

Comparative localization of neurons containing ovine corticotropin releasing factor (CRF)–like and neurophysin–like immunoreactivity in the diencephalon of the pigeon (Columba livia domestica). Péczely P, et al. **J Comp Neurol** 1984 Sep 1;228(1):69–80

Effect of passive avoidance training on in vitro protein synthesis in forebrain slices of day–old chicks. Schliebs R, et al. **J Neurochem** 1985 Apr;44(4):1014–21

Effects of pH and ascorbic acid on 3H–spiperone and 3H–dihydroalprenolol binding in rat forebrain homogenates. Bruinink A, et al. **J Recept Res** 1984;4(1–6):127–39

Vasoactive intestinal peptide receptor localization in rat forebrain by autoradiography. De Souza EB, et al. **Neurosci Lett** 1985 May 14;56(2):113–20

The comparative distribution of enkephalin, dynorphin and substance P in the human globus pallidus and basal forebrain. Haber SN, et al. **Neuroscience** 1985 Apr;14(4):1011–24

MICROBIOLOGY

Infection of the basal ganglia by a murine coronavirus. Fishman PS, et al. **Science** 1985 Aug 30;229(4716):877–9

PATHOLOGY

Morphology and distribution of Alzheimer neuritic (senile) and amyloid plaques in striatum and diencephalon. Rudelli RD, et al. **Acta Neuropathol (Berl)** 1984;64(4):273–81

Diencephalic gliomas of children. A clinicopathologic study. Albright AL, et al. **Cancer** 1985 Jun 15;55(12):2789–93

The diencephalon in schizophrenia: evidence for reduced thickness of the periventricular grey matter. Lesch A, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(4):212–9

Infantile neuroaxonal dystrophy: perinatal onset with symptoms of diencephalic syndrome. Nagashima K, et al. **Neurology** 1985 May;35(5):735–8

PHYSIOLOGY

Afferents to a midbrain periaqueductal grey region involved in the 'defense reaction' in the cat as revealed by horseradish peroxidase. II. The diencephalon. Bandler R, et al. **Behav Brain Res** 1984 Sep;13(3):279–85

Dopaminergic mechanisms in subthalamic nucleus of rat: analysis using horseradish peroxidase and microiontophoresis. Campbell GA, et al. **Brain Res** 1985 May 6;333(2):261–70

Effects of lateral habenular lesions on local cerebral glucose utilization in the rat. Ito M, et al. **Brain Res** 1985 Jul 1;337(2):245–54

Lesioning of the rat basal forebrain leads to memory impairments in passive and active avoidance tasks. Miyamoto M, et al. **Brain Res** 1985 Feb 25;328(1):97–104

Inhibitory influence of GABA on central serotonergic transmission. Involvement of the habenulo–raphé pathways in the GABAergic inhibition of ascending cerebral serotonergic neurons. Nishikawa T, et al. **Brain Res** 1985 Apr 1;331(1):81–90

Effects of neurotransmitters and vagus nerve stimulation on diencephalic and mesencephalic neuronal activity. Barone FC, et al. **Brain Res Bull** 1984 Oct;13(4):565–71

Electrophysiological evidence for central nervous connections of the pigeon's pineal gland. Demaine C, et al. **Brain Res Bull** 1984 Nov;13(5):629–34

A GABAergic habenulo–raphe pathway mediates both serotoninergic and hypnogenic effects of vasotocin in cats. Pavel S, et al. **Brain Res Bull** 1984 Nov;13(5):623–7

Forebrain structures regulating flight behavior in the cat. Shaikh MB, et al. **Brain Res Bull** 1985 Mar;14(3):217–21

Single unit activity in the nucleus of the basal optic root (nBOR) during optokinetic, vestibular and visuo–vestibular stimulations in the alert pigeon (Columbia livia). Gioanni H, et al. **Exp Brain Res** 1984;57(1):49–60

Primate globus pallidus and subthalamic nucleus: functional organization. DeLong MR, et al. **J Neurophysiol** 1985 Feb;53(2):530–43

Anterior third ventricle (A3V) lesions and homeostasis regulation. Chiaraviglio E, et al. **J Physiol (Paris)** 1984;79(6):446–52

Converging projections of hydromineral imbalances and hormonal co–action upon neurons surrounding the anterior wall of the third ventricle. Nicolaidis S, et al. **J Physiol (Paris)** 1984;79(6):406–15 (54 ref.)

Evidence that the dopaminergic incerto–hypothalamic tract has a stimulatory effect on ovulation and gonadotrophin release. MacKenzie FJ, et al. **Neuroendocrinology** 1984 Oct;39(4):289–95

Influences of pyramidal tract on the subthalamic nucleus in the cat. Giuffrida R, et al. **Neurosci Lett** 1985 Mar 15;54(2–3):231–5

Bilateral corticosubthalamic nucleus projections: an electrophysiological study in rats with chronic cerebral lesions. Rouzaire–Dubois B, et al. **Neuroscience** 1985 May;15(1):69–79

Forelimb and hindlimb stepping by the anesthetized rat elicited by electrical stimulation of the diencephalon and mesencephalon. Sinnamon HM. **Physiol Behav** 1984 Aug;33(2):191–9

Effect of various behavioral training and testing procedures on brain beta–endorphin–like immunoreactivity and the possible role of beta–endorphin in behavioral regulation. Izquierdo I, et al. **Psychoneuroendocrinology** 1984;9(4):381–9

PHYSIOPATHOLOGY

Cerebellodiencephalic interactions in olivopontocerebellar atrophy. Narabayashi H. **Adv Neurol** 1984;41:87–95

Diencephalic mechanisms of pain sensation. Albe–Fessard D, et al. **Brain Res** 1985 Aug;356(3):217–96 (427 ref.)

Neurophysiology of infantile autism. Ornitz EM. **J Am Acad Child Psychiatry** 1985 May;24(3):251–62 (78 ref.)

Prenatal and postnatal hypothyroidism abolishes lesion–induced noradrenergic sprouting in the adult rat. Gottesfeld Z, et al. **J Neurosci Res** 1985;14(1):61–9

The anterior wall of the third cerebral ventricle and homeostatic responses to dehydration. McKinley MJ, et al. **J Physiol (Paris)** 1984;79(6):421–7

SECRETION

Vasoactive intestinal peptide and PHI stimulate somatostatin release from rat cerebral cortical and diencephalic cells in dispersed cell culture. Tapia–Arancibia L, et al. **Brain Res** 1985 Jun 10;336(1):67–72

SURGERY

[Stereotaxic method of treating extrapyramidal spastic torticollis] Kandel' EI. **Zh Vopr Neirokhir** 1984 Nov–Dec;(6):28–34 (Eng. Abstr.) (Rus)

ULTRASTRUCTURE

Ultrastructural evidence of amygdalofugal axons terminating on cholinergic cells of the rostral forebrain. Záborszky L, et al. **Neurosci Lett** 1984 Dec 21;52(3):219–25

DIENESTROL see under **PHENOLS**

DIENTAMOEBA

ULTRASTRUCTURE

Ultrastructure of Dientamoeba fragilis: a study of the mononucleated stage. Silard R, et al. **Arch Roum Pathol Exp Microbiol** 1984 Jan–Mar;43(1):87–101

DIENTAMOEBIASIS see under **AMEBIASIS**

DIESTRUS see under **ESTRUS**

DIET

see related
COOKERY

Effects of gene–environment interactions on cardiovascular risk factors in Chinese adolescent twins. Chen CJ, et al. **Acta Genet Med Gemellol (Roma)** 1984;33(3):383–96

Environmental effects on cardiovascular risk factors in Chinese adolescent monozygotic twins. Chen CJ, et al. **Acta Genet Med Gemellol (Roma)** 1984;33(3):375–81

Lack of correlation between liver RNA polymerase I and ornithine decarboxylase activities after re–feeding of protein–depleted mice. Iapalucci–Espinoza S, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(2):157–62

Phosphate intestinal secretion and absorption by isolated ileal loop: effects of cholecalciferol and diet phosphate. Pereira R, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(4):419–26

Reducing the confounding effects of environment and diet on saliva thiocyanate values in ex–smokers. Swan GE, et al. **Addict Behav** 1985;10(2):187–90

Interactions of diet and immunity. Brandon DL. **Adv Exp Med Biol** 1984;177:65–90 (130 ref.)

Phosphate–restricted diets versus calcitonin in the prevention of osteodystrophy in experimental renal disease. D'Angelo A, et al. **Adv Exp Med Biol** 1984;178:233–40

Effect of diet on T–2 toxicosis. Smith TK, et al. **Adv Exp Med Biol** 1984;177:153–67

Urinary excretion of histamine and some of its metabol in man: influence of the diet. Keyzer JJ, et al.

Agents Actions 1984 Oct;15(3-4):189-94

Effects of different liquid diets and sustained ethanol release on alcohol metabolism. Erickson CK, et al. **Alcohol** 1984 Jul-Aug;1(4):275-82

Nutritional pharmacology. DiPalma JR. **Am Fam Physician** 1985 Aug;32(2):171-3

Diet, nutrient intake, and metabolism in populations at high and low risk for colon cancer. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):879-963

Seasonal variations, and the intra-household distribution of food in a Bangladeshi village. Abdullah M, et al. **Am J Clin Nutr** 1985 Jun;41(6):1305-13

Chromium intake, absorption and excretion of subjects consuming self-selected diets. Anderson RA, et al. **Am J Clin Nutr** 1985 Jun;41(6):1177-83

Effects of season and illness on the dietary intake of weanlings during longitudinal studies in rural Bangladesh. Brown KH, et al. **Am J Clin Nutr** 1985 Feb;41(2):343-55

Coronary heart disease and the consumption of diets high in wheat and other grains. Brown WV, et al. **Am J Clin Nutr** 1985 May;41(5 Suppl):1163-71

The measurement of sodium and potassium intake. Caggiula AW, et al. **Am J Clin Nutr** 1985 Sep;42(3):391-8

The effect of dietary sodium on urinary calcium and potassium excretion in normotensive men with different calcium intakes. Castenmiller JJ, et al. **Am J Clin Nutr** 1985 Jan;41(1):52-60

Relationships among dietary constituents and specific serum clinical components of subjects eating self-selected diets. Church JP, et al. **Am J Clin Nutr** 1984 Dec;40(6 Suppl):1338-44

Increased green and yellow vegetable intake and lowered cancer deaths in an elderly population. Colditz GA, et al. **Am J Clin Nutr** 1985 Jan;41(1):32-6

Diet and obesity. Danforth E Jr. **Am J Clin Nutr** 1985 May;41(5 Suppl):1132-45

Diet, smoking, social class, and body mass index in the Caerphilly Heart Disease Study. Fehily AM, et al. **Am J Clin Nutr** 1984 Oct;40(4):827-33

The relation of drinking and smoking habits to diet: the Lipid Research Clinics Prevalence Study. Fisher M, et al. **Am J Clin Nutr** 1985 Mar;41(3):623-30

Gallstones and diet in Tel Aviv and Gaza. Gilat T, et al. **Am J Clin Nutr** 1985 Feb;41(2):336-42

Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer. Comparison of serum hexosaminidase levels. Goodman GT, et al. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):949-51

Interrelationships of moderate and high alcohol consumption with diet and health status. Hillers VN, et al. **Am J Clin Nutr** 1985 Feb;41(2):356-62

Amelioration of the adverse effect of a gastrointestinal challenge with Salmonella enteritidis on weanling rats by a yogurt diet. Hitchins AD, et al. **Am J Clin Nutr** 1985 Jan;41(1):92-100

Dietary changes and their possible effect on blood pressure. Hodges RE, et al. **Am J Clin Nutr** 1985 May;41(5 Suppl):1155-62

Sodium and potassium intake and balance in adults consuming self-selected diets. Holbrook JT, et al. **Am J Clin Nutr** 1984 Oct;40(4):786-93

Correlations of changes in dietary potassium and sodium with blood pressure during a one-year study. Holbrook JT, et al. **Am J Clin Nutr** 1984 Dec;40(6 Suppl):1390-2

Dietary and hormonal interrelationships among vegetarian Seventh-Day Adventists and nonvegetarian men. Howie BJ, et al. **Am J Clin Nutr** 1985 Jul;42(1):127-34

Model for determination of 13C substrate oxidation rates in humans in the fed state. Jones PJ, et al. **Am J Clin Nutr** 1985 Jun;41(6):1277-82

Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer. Relationship of diet to serum lipids. Kritchevsky D, et al. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):921-6

Magnesium intakes, balances, and blood levels of adults consuming self-selected diets. Lakshmanan FL, et al. **Am J Clin Nutr** 1984 Dec;40(6 Suppl):1380-9

Calcium and phosphorus intakes, balances, and blood levels of adults consuming self-selected diets. Lakshmanan FL, et al. **Am J Clin Nutr** 1984 Dec;40(6 Suppl):1368-79

Differences in vitamin B6 status indicator responses between young and middle-aged women fed constant diets with two levels of vitamin B6. Lee CM, et al. **Am J Clin Nutr** 1985 Aug;42(2):226-34

The effects of dietary neurotransmitter precursors on human behavior. Lieberman HR, et al. **Am J Clin Nutr** 1985 Aug;42(2):366-70

Iron intake and status of men and women consuming self-selected diets. Miles CW, et al. **Am J Clin Nutr** 1984 Dec;40(6 Suppl):1393-6

Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer. Introduction: correlates of diet, nutrient intake, and metabolism in relation to colon cancer. Nair PP. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):880-6 (86 ref.)

Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer. Metabolism of neutral sterols. Nair PP, et al. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):931-6

The relations between vitamin D2 and D3 in the diet and plasma 25OHD2 and 25OHD3 in elderly women in Great Britain. Newton HM, et al. **Am J Clin Nutr** 1985 Apr;41(4):760-4

Zinc, copper, and manganese intake and balance for adults consuming self-selected diets. Patterson KY, et al. **Am J Clin Nutr** 1984 Dec;40(6 Suppl):1397-403

Absorption kinetics of oxalate from oxalate-rich food in man. Prenen JA, et al. **Am J Clin Nutr** 1984 Nov;40(5):1007-10

Variations in plasma fatty acid concentrations during a one-year self-selected dietary intake study. Reeves VB, et al. **Am J Clin Nutr** 1984 Dec;40(6 Suppl):1345-51

Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer. Laboratory analysis of 3-day composite of food samples. Rider AA, et al. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):914-6

Dietary habits and the prediction of life span of rats: a prospective test. Ross MH, et al. **Am J Clin Nutr** 1985 Jun;41(6):1332-44

Evaluation of zinc and copper nutritional status and effects upon growth of southern adolescent females. Sloane BA, et al. **Am J Clin Nutr** 1985 Aug;42(2):235-41

The association of intakes of vitamin D and calcium with blood pressure among women. Sowers MR, et al. **Am J Clin Nutr** 1985 Jul;42(1):135-42

Zinc and copper retention during pregnancy: the adequacy of prenatal diets with and without dietary supplementation. Taper LJ, et al. **Am J Clin Nutr** 1985 Jun;41(6):1184-92

Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer. Metabolism of bile acids. Turjman N, et al. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):937-41

Zinc and copper nutrition in human pregnancy: a longitudinal study in normal primigravidae and in primigravidae at risk of delivering a growth retarded baby. Tuttle S, et al. **Am J Clin Nutr** 1985 May;41(5):1032-41

Re: 'A comparison of frequency and quantitative dietary methods for epidemiologic studies of diet and disease' [letter] **Am J Epidemiol** 1985 May;121(5):776-9

Nutrient sources in the American diet: quantitative data from the NHANES II survey. II. Macronutrients and fats. Block G, et al. **Am J Epidemiol** 1985 Jul;122(1):27-40

Nutrient sources in the American diet: quantitative data from the NHANES II survey. I. Vitamins and minerals. Block G, et al. **Am J Epidemiol** 1985 Jul;122(1):13-26

Assessing nutrient intake with an abbreviated dietary interview. Byers T, et al. **Am J Epidemiol** 1985 Jul;122(1):41-50

Dietary vitamin A and lung cancer risk: an analysis by histologic subtypes. Byers T, et al. **Am J Epidemiol** 1984 Nov;120(5):769-76

Coffee consumption, diet, and lipids. Haffner SM, et al. **Am J Epidemiol** 1985 Jul;122(1):1-12

Re: 'Dietary vitamin A, carotene, vitamin C and risk of lung cancer in Hawaii' [letter] Houser HB. **Am J Epidemiol** 1985 Apr;121(4):623-4

Comparison of nutrient calculation systems. Jacobs DR Jr, et al. **Am J Epidemiol** 1985 Apr;121(4):580-92

Test-retest reliability of diet and drinking estimates for pregnancy and post partum. Little RE, et al. **Am J Epidemiol** 1984 Nov;120(5):794-7

Retrospective assessment of dietary intake. Rohan TE, et al. **Am J Epidemiol** 1984 Dec;120(6):876-87

Effects of intraindividual and interindividual variation in repeated dietary records. Sempos CT, et al. **Am J Epidemiol** 1985 Jan;121(1):120-30

Dietary measures of physical activity. Sopko G, et al. **Am J Epidemiol** 1984 Dec;120(6):900-11

Reproducibility and validity of a semiquantitative food frequency questionnaire. Willett WC, et al. **Am J Epidemiol** 1985 Jul;122(1):51-65

Hyperestrogenemia, diet, and disorders of Western societies. Phillips GB. **Am J Med** 1985 Mar;78(3):363-6

Molar microwear and diet in the genus Cebus. Teaford MF. **Am J Phys Anthropol** 1985 Apr;66(4):363-70

Stimulation of mucosal growth by a dietary amine. Dembinski AB, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):G352-6

Effects of dietary potassium depletion and mineralocorticoid excess on renal Cl-conservation in the dog. Hulter HN, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F104-12

Phosphate excretion in uremic rats: effects of parathyroidectomy and phosphate restriction. Kraus E, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F175-82

How laboratory dogs accommodate meals of different size but similar composition. Nomura M, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E101-7

Brown adipose tissue in cafeteria-fed hamsters. Schimmel RJ, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):E230-5

cAMP metabolism and lipolysis in brown adipocytes of hamsters consuming a cafeteria diet. Schimmel RJ, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):E224-9

Effects of adrenalectomy on energy balance of obese mice are diet dependent. Smith CK, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R13-22

Nutritional status of men attending a soup kitchen: a pilot study. Laven GT, et al. **Am J Public Health** 1985 Aug;75(8):875-8

Contemporary table salt practices and blood pressure. Phillips K, et al. **Am J Public Health** 1985 Apr;75(4):405-6

Lung cancer risk and vitamin A consumption in New Mexico. Samet JM, et al. **Am Rev Respir Dis** 1985 Feb;131(2):198-202

Quantification of results for estimating elemental dietary intakes of lithium, rubidium, strontium, molybdenum, vanadium and silver. Evans WH, et al. **Analyst** 1985 Jul;110(7):873-7

The effect of diet on the metabolism of long acting theophylline. Tinkelman DG, et al. **Ann Allergy** 1985 Apr;54(4):280-3

Symposium on diet and primary prevention of hypertension. June 25-27, 1984, Kuopio, Finland. **Ann Clin Res** 1984;16 Suppl 43:1-183

Effect of dietary factors on prostanoids. Koivistoinen P, et al. **Ann Clin Res** 1984;16(5-6):234-40 (47 ref.)

A two-year longitudinal study of dietary intake in relation to the growth of 405 English children initially aged 11-12 years. Hackett AF, et al. **Ann Hum Biol** 1984 Nov-Dec;11(6):545-53

Diet, exercise, and bone mineral content [letter] York E. **Ann Intern Med** 1985 Mar;102(3):418

Distribution of hepatic ribosomes between different functional states in well-fed and protein-energy-deficient rats. Enwonwu CO, et al. **Ann Nutr Metab** 1984;28(6):367-76

Disturbances of tryptophan metabolism in mice acutely deprived of tryptophan. Jones ML, et al. **Ann Nutr Metab** 1985;29(4):209-15

Comparisons among EEG, hair minerals and diet predictions of reading performance in children. Thatcher RW, et al. **Ann NY Acad Sci** 1984;433:87-96

Effects of influenza infection, aspirin, and an arginine-deficient diet on the inner ear in Reye's syndrome. Rarey KE, et al. **Ann Otol Rhinol Laryngol** 1984 Nov-Dec;93(6 Pt 1):551-7

Naturally occurring anticarcinogenic substances in foodstuffs. Fiala ES, et al. **Annu Rev Nutr** 1985;5:295-321 (155 ref.)

Effects of diet on lipoprotein metabolism. Goldberg AC, et al. **Annu Rev Nutr** 1985;5:195-212 (94 ref.)

Dietary interactions involving the trace elements. Mills CF. **Annu Rev Nutr** 1985;5:173-93 (139 ref.)

Diurnal changes in the rate of cholesterogenesis in hepatocytes from fed and starved rats: effects of precursors and pancreatic hormones in vitro. Björnsson OG, et al. **Arch Biochem Biophys** 1985 Apr;238(1):135-45

Effect of diet on urinary and fecal excretion of cadmium, copper, and zinc from rats preaccumulated heavily with cadmium. Suzuki KT, et al. **Arch Environ Contam Toxicol** 1984 Sep;13(5):621-6

Effect of diet on tissue retention of cadmium heavily preaccumulated in rats. Suzuki KT, et al. **Arch Environ Contam Toxicol** 1984 Sep;13(5):609-19

Effects of diet on mercury metabolism and excretion in mice given methylmercury: role of gut flora. Rowland IR, et al. **Arch Environ Health** 1984 Nov-Dec;39(6):401-8

Behavioral effects of caffeine in children. Relationship between dietary choice and effects of caffeine challenge. Rapoport JL, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1073-9

Effects of amino-acid mixtures on food utilization and growth in Tenebrio molitor L. Davis GR. **Arch Int Physiol Biochim** 1985 Jun;93(2):107-12

Demographic, behavioral, biochemical, and dietary correlates of plasma triglycerides. Lipid Research Clinics Program Prevalence Study. Cowan LD, et al. **Arteriosclerosis** 1985 Sep-Oct;5(5):466-80

Cholesterol metabolism in juvenile baboons. Influence of infant and juvenile diets. Mott GE, et al. **Arteriosclerosis** 1985 Jul-Aug;5(4):347-54

A status report on diet, nutrition and cancer. Campbell TC. **ASDC J Dent Child** 1985 Jan-Feb;52(1):65-7

Training, diet and physical characteristics of distance runners with low or high concentrations of high density lipoprotein cholesterol. Sady SP, et al. **Atherosclerosis** 1984 Dec;53(3):273-81

Nutritional studies during childhood: IV Energy and nutrient intake at age 4. Magarey A, et al. **Aust Paediatr J** 1984 Aug;20(3):187-94

Seasonal weight gain is attenuated in food-restricted ground squirrels with lesions of the suprachiasmatic nuclei. Dark J. **Behav Neurosci** 1984 Oct;98(5):830-5

Dietary dependent distribution of acetyl CoA carboxylase between cytoplasm and mitochondria of rat liver. Allred JB, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):433-60

Phenylalanine hydroxylase isozymes in regenerating liver: effects of diet and age. Crawford RD, et al. **Biochem Med** 1985 Feb;33(1):77-89

Possible relationships between changes in body weight set-point and stress metabolism after treating rats chronically with D-fenfluramine. Effects of feeding rats acutely with fructose on the metabolism of corticosterone, glucose, fatty acids, glycerol and triacylglycerol. Brindley DN, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1265-71

Effect of dietary restriction on estrous cyclicity and follicular reserves in aging C57BL/6J mice. Nelson JF, et al. **Biol Reprod** 1985 Apr;32(3):515-22

A status report on diet, nutrition and cancer. Colin Campbell T. **Bol Asoc Med PR** 1965 Mar;77(3):112-4

Hepatocellular carcinoma and dietary aflatoxin in Mozambique and Transkei. Van Rensburg SJ, et al. **Br J Cancer** 1985 May;51(5):713-26

Delay in primary haemostasis produced by a fish diet without change in local thromboxane A2. Thorngren M, et al. **Br J Haematol** 1984 Dec;58(4):567-78

Nutrient intake of pregnant Asian women at Sorrento Maternity Hospital, Birmingham. Eaton PM, et al.

Br J Nutr 1984 Nov;52(3):457-68

Subethnic variation in the diets of Moslem, Sikh and Hindu pregnant women at Sorrento Maternity Hospital, Birmingham. Wharton PA, et al. **Br J Nutr** 1984 Nov; 52(3):469-76

The Dorset Get-Fit Campaign—community fitness testing programme. Nutbeam D, et al. **Br J Sports Med** 1985 Mar; 19(1):5-7

ABC of nutrition. Adults young and old. Truswell AS. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):466-9

ABC of nutrition. Nutritional advice for other chronic diseases. Truswell AS. **Br Med J [Clin Res]** 1985 Jul 20; 291(6489):197-200

ABC of nutrition. Reducing the risk of coronary heart disease. Truswell AS. **Br Med J [Clin Res]** 1985 Jul 6; 291(6487):34-7

ABC of nutrition. Diet and hypertension. Truswell AS. **Br Med J [Clin Res]** 1985 Jul 13;291(6488):125-7

Organochlorine residues in three heron species as related to diet and age. Niethammer KR, et al. **Bull Environ Contam Toxicol** 1984 Oct;33(4):491-8

Effect of difference in diet composition on the toxicity of polychlorinated biphenyls. Yagi N, et al. **Bull Environ Contam Toxicol** 1985 May;34(5):709-14

Table top artificial sweeteners. Current use in Canada. Baines CJ. **Can Dent Assoc J** 1985 Jun;51(6):427-8

Diet and drug interactions in the treatment of mental illness—a review. Awad AG. **Can J Psychiatry** 1984 Nov; 29(7):609-13

Diet and monoamine oxidase inhibitors: a re-examination. Sullivan EA, et al. **Can J Psychiatry** 1984 Dec;29(8):707-11 (33 ref.)

Chemical carcinogens and inhibitors of carcinogenesis in the human diet. Carr BI. **Cancer** 1985 Jan 1;55(1 Suppl):218-24

Diet and other risk factors for cancer of the pancreas. Gold EB, et al. **Cancer** 1985 Jan 15;55(2):460-7

Dietary suppression of colonic cancer. Fiber or phytate? Graf E, et al. **Cancer** 1985 Aug 15;56(4):717-8

Selenium inhibition of the neoplastic transformation in preneoplastic mammary cell populations. Medina D, et al. **Cancer Lett** 1984 Sep;24(2):227-34

Nutritional status of an urban community in Zimbabwe. Mathe S, et al. **Cent Afr J Med** 1985 Mar;31(3):59-62

Relationship of diet in the development of atopy in infancy. Van Asperen PP, et al. **Clin Allergy** 1984 Nov;14(6):525-32

The development of obesity in animals: the role of dietary factors. Rothwell NJ, et al. **Clin Endocrinol Metab** 1984 Nov;13(3):437-49 (62 ref.)

Response of circulating somatostatin, insulin, gastrin and GIP, to intraduodenal infusion of nutrients in normal man. Lucey MR, et al. **Clin Endocrinol (Oxf)** 1984 Sep; 21(3):209-17

Plasma aldosterone levels after KCl loading in rats adapted to a high potassium diet. Adam WR, et al. **Clin Exp Pharmacol Physiol** 1984 Sep-Oct;11(5):513-20

Sodium detection threshold and preference for sodium chloride in humans on high and low sodium diets. DiNicolantonio R, et al. **Clin Exp Pharmacol Physiol** 1984 Jul-Aug;11(4):335-8

Sympathetic and adrenocorticoid influences on diet-induced thermogenesis and brown fat activity in the rat. Rothwell NJ, et al. **Comp Biochem Physiol [A]** 1984;79(4):575-9

Lipogenic hepatic enzyme activity of raccoon dogs (Nyctereutes procyonoides) fed various diets. Korhonen H, et al. **Comp Biochem Physiol [B]** 1985;80(1):41-3

The effects of variations in percent of naturally occurring complex and simple carbohydrates on plasma glucose and insulin response in individuals with non-insulin-dependent diabetes mellitus. Hollenbeck CB, et al. **Diabetes** 1985 Feb; 34(2):151-5

Changes in blood amino acids account for the insulin and glucagon responses to mixed meals in dogs. Albisser AM, et al. **Diabetes Res** 1985 Jan;2(1):49-55

Fecal odorgrams. A method for partial reconstruction of ancient and modern diets. Moore JG, et al. **Dig Dis Sci** 1984 Oct;29(10):907-11

Nutritional data and etiology of chronic pancreatitis in Mexico. Uscanga L, et al. **Dig Dis Sci** 1985 Feb;30(2):110-3

Alteration of toxicity to paraquat in mice fed a purified or cereal-based diet. Evers WD, et al. **Drug Nutr Interact** 1982;1(3):237-48

Lack of effect of a purified diet on carbon tetrachloride or oxygen toxicity. Evers WD, et al. **Drug Nutr Interact** 1982; 1(4):329-33

Dietary influence on caecal microbial nitroreduction of a drug: metronidazole. Wise A, et al. **Drug Nutr Interact** 1982;1(3):229-36

The role of diet in behaviour. Feingold BF. **Ecol Dis** 1982; 1(2-3):153-65

Food constituents as a cause of variation of C-peptide excretion in the urine. Takai K, et al. **Endocrinol Jpn** 1984 Jun;31(3):291-9

Steroidogenic properties of a new aldosterone-stimulating factor: interaction with angiotensin II and adrenocorticotropin during variations of dietary sodium. Hata T, et al. **Endocrinology** 1984 Dec;115(6):2065-70

Thiocyanate feeding with low iodine diet causes chronic iodine retention in thyroids of mice. van Middlesworth L. **Endocrinology** 1985 Feb;116(2):665-70

Dietary cadmium intakes of farmers in nonpolluted areas in Japan, and the relation with blood cadmium levels. Watanabe T, et al. **Environ Res** 1985 Jun;37(1):33-43

Effect of diet on human muscle weakness following prolonged exercise. Young K, et al. **Eur J Applied Physiol** 1984;53(1):81-5

Alteration with dietary state of the activity and zonal distribution of adenylate cyclase stimulated by glucagon, fluoride and forskolin in microdissected rat liver tissue. Zierz S, et al. **Eur J Biochem** 1984 Dec 17;145(3):499-504

Selenium intake of infants and young children, healthy children and dietetically treated patients with phenylketonuria. Lombeck I, et al. **Eur J Pediatr** 1984 Dec; 143(2):99-102

A study of dietary restriction and lifespan in the rotifer Asplanchna brightwelli monitored by chronic neutral red exposure. Sawada M, et al. **Exp Gerontol** 1984;19(5):329-34

Food intake reduction and immunologic alterations in mice fed dehydroepiandrosterone. Windruch R, et al. **Exp Gerontol** 1984;19(5):297-304

Functional impairment of T-lymphocytes in mouse radiation chimeras by a nucleotide-free diet. Kulkarni SS, et al. **Exp Hematol** 1984 Oct;12(9):694-9

Sodium pamphlet available. **FDA Drug Bull** 1984 Aug; 14(2):20

Nutritional control of branched chain alpha-ketoacid dehydrogenase in rat hepatocytes. Harris RA, et al. **Fed Proc** 1985 May;44(8):2463-8

Metabolism of substrates: diet, lipoprotein metabolism, and exercise. Wood PD, et al. **Fed Proc** 1985 Feb;44(2):358-63 (31 ref.)

Tin in foods and the diet. Sherlock JC, et al. **Food Addit Contam** 1984 Jul-Sep;1(3):277-82

Chromium in foods and the diet. Smart GA, et al. **Food Addit Contam** 1985 Apr-Jun;2(2):139-47

The pharmacology of dietary nitrate and the origin of urinary nitrate. Bartholomew B, et al. **Food Chem Toxicol** 1984 Oct;22(10):789-95

Survey of human milk for volatile N-nitrosamines and the influence of diet on their formation. Lakritz L, et al. **Food Chem Toxicol** 1984 Sep;22(9):721-4

Effects of chronic changes in dietary electrolytes and acute stress on plasma levels of corticosterone and aldosterone in the duck (Anas platyrhynchos). Klingbeil CK. **Gen Comp Endocrinol** 1985 Apr;58(1):10-9

Effects of dietary thyroid hormones on growth, plasma T3 and T4, and growth hormone in normal and hypothyroid chickens. Leung FC, et al. **Gen Comp Endocrinol** 1985 Jul; 59(1):91-9

Dietary sodium and adrenocortical activity in ducks (Anas platyrhynchos) and chickens (Gallus domesticus). Radke WJ, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):121-9

Specific food intolerance [letter] Burford-Mason AP, et al. **Gut** 1985 Sep;26(9):980-1

Diet and diverticulosis—new leads [editorial] Heaton KW. **Gut** 1985 Jun;26(6):541-3 (20 ref.)

Diet and other factors in the aetiology of diverticulosis: an epidemiological study in Greece. Manousos O, et al. **Gut** 1985 Jun;26(6):544-9

Facial height and breadth relative to dietary consistency and oral breathing in two populations (North India and U.S.). Corruccini RS, et al. **Hum Biol** 1985 May;57(2):151-61

Diet during pregnancy in an Asian community in Britain—energy, protein, zinc, copper, fibre and calcium. Abraham R, et al. **Hum Nutr Appl Nutr** 1985 Feb; 39(1):23-35

Footnotes to food tables. 2. The underestimations of intakes of lesser B vitamins by pregnant and lactating women as calculated using the fourth edition of McCance and Widdowson's 'The composition of foods'. Black AE, et al. **Hum Nutr Appl Nutr** 1985 Feb;39(1):19-22

The NACNE report: are the dietary goals realistic? Comparisons with the dietary patterns of dietitians. Black AE, et al. **Hum Nutr Appl Nutr** 1984 Jun;38(3):165-79

Food and nutrient intakes of vegetarians in Britain. Bull NL, et al. **Hum Nutr Appl Nutr** 1984 Aug;38(4):288-93

A weighed dietary survey of men in Caerphilly, South Wales. Fehilly AM, et al. **Hum Nutr Appl Nutr** 1984 Aug; 38(4):270-6

Dietary chromium and manganese intakes of a selected sample of Canadian elderly women. Gibson RS, et al. **Hum Nutr Appl Nutr** 1985 Feb;39(1):43-52

Food intake in multiple sclerosis. Hewson DC, et al. **Hum Nutr Appl Nutr** 1984 Oct;38(5):355-67

The vitamin D intake of children and adolescents in Finland. Lamberg-Allardt C, et al. **Hum Nutr Appl Nutr** 1984 Oct; 38(5):377-82

Nutrient intake and anthropometric assessment of patients at home after partial gastrectomy or vagotomy. Lowell JP, et al. **Hum Nutr Appl Nutr** 1985 Feb;39(1):62-70

The nutrition and growth over a 10 month period of an infant with the Prader-Willi syndrome. Morgan JB, et al. **Hum Nutr Appl Nutr** 1984 Aug;38(4):301-7

Dietary intake and sources of selenium in young Finnish women. Mutanen M. **Hum Nutr Appl Nutr** 1984 Aug; 38(4):265-9

Dietary intake of weaned infants in a Swedish community. Persson LA, et al. **Hum Nutr Appl Nutr** 1984 Aug; 38(4):247-54

Observations on dietary practices in India. Price SR. **Hum Nutr Appl Nutr** 1984 Oct;38(5):383-9

Factors affecting dietary compliance in coronary patients included in a secondary prevention programme. Reid V, et al. **Hum Nutr Appl Nutr** 1984 Aug;38(4):279-87

Dietary patterns of elderly people living in inner Sydney. Stuckey SJ, et al. **Hum Nutr Appl Nutr** 1984 Aug; 38(4):255-64

What do patients eat in hospital? Todd EA, et al. **Hum Nutr Appl Nutr** 1984 Aug;38(4):294-7

Solanidine is present in sera of healthy individuals and in amounts dependent on their dietary potato consumption. Harvey MH, et al. **Hum Toxicol** 1985 Mar;4(2):187-94

Contribution of vasopressin and the sympathetic nervous system in the early phase of high sodium one-kidney renal hypertension. Hinojosa C, et al. **Hypertension** 1984 Nov-Dec;6(6 Pt 1):848-54

Adrenergic activity and peripheral hemodynamics in relation to sodium sensitivity in patients with essential hypertension. Koolen MI, et al. **Hypertension** 1984 Nov-Dec;6(6 Pt 1):820-5

Diet, blood pressure, and multicollinearity. Reed D, et al. **Hypertension** 1985 May-Jun;7(3 Pt 1):405-10

Inhibition of target tissue activation of N'-nitrosonornicotine and N-nitrosopyrrolidine by dietary components. Chung FL, et al. **IARC Sci Publ** 1984;(57):797-804

Nitrosating properties of bis-methylthio-diiron-tetranitrosyl (Roussin's red methyl ester), a nitroso compound isolated from pickled vegetables consumed in northern China. Croisy A, et al. **IARC Sci Publ** 1984;(57):327-35

Analysis and occurrence of total N-nitroso compounds in the Japanese diet. Kawabata T, et al. **IARC Sci Publ** 1984; (57):25-31

Dietary phenolics and betel nut extracts as modifiers of N-nitrosation in rat and man. Stich HF, et al. **IARC Sci Publ** 1984;(57):213-22

Activity changes of glucose-6-phosphate dehydrogenase in response to diet and insulin. Kastrouni E, et al. **Int J Biochem** 1984;16(12):1353-8

Dietary vitamin A and the risk of invasive cervical cancer. La Vecchia C, et al. **Int J Cancer** 1984 Sep 15;34(3):319-22

Diet and cancer of the stomach: a case-control study in Greece. Trichopoulos D, et al. **Int J Cancer** 1985 Sep 15; 36(3):291-7

Maternal diet and mental retardation in southern Georgia, USA. Caster WO, et al. **Int J Vitam Nutr Res** 1984; 54(4):371-5

Relationships between vitamin A and vitamin E in the chick. Frigg M, et al. **Int J Vitam Nutr Res** 1984;54(2-3):125-33

Zinc content of the diets of the sedentary Bengalees. Pohit J, et al. **Int J Vitam Nutr Res** 1985;55(2):223-5

Experimental models of chronic alcoholism, solid diet versus liquid diet. Zucoloto S, et al. **Int J Vitam Nutr Res** 1984; 54(4):387-91

An overview of the relationship between diet and atherosclerosis. dos Santos JE. **Int Z Vitam Ernahrungsforsch [Beih]** 1984;26:99-108

Dietary limitations in the elderly. Ferreira P. **Int Z Vitam Ernahrungsforsch [Beih]** 1984;26:109-12

Interrelationship of dietary Mg intake and electrolyte homeostasis in hamsters: I. Severe Mg deficiency, electrolyte homeostasis, and myocardial necrosis. Chang C, et al. **J Am Coll Nutr** 1985;4(2):173-85

Cholesterol, saturated fatty acids, polyunsaturated fatty acids, sodium, and potassium intakes of the United States population. Fischer DR, et al. **J Am Coll Nutr** 1985; 4(2):207-24

Effects on the serum lipoprotein concentrations by lipid-lowering diets with different fatty acid compositions. Gustafsson IB, et al. **J Am Coll Nutr** 1985;4(2):241-8

Magnesium and calcium dietary intakes of the U.S. population. Morgan KJ, et al. **J Am Coll Nutr** 1985; 4(2):195-206

Position paper of the American Dietetic Association on diet and criminal behavior. **J Am Diet Assoc** 1985 Mar; 85(3):361-3

Smoking, alcohol, and dietary practices during pregnancy: comparison before and after prenatal education. Allen CD, et al. **J Am Diet Assoc** 1985 May;85(5):605-6

The Fat Portion Exchange List: a tool for teaching and evaluating low-fat diets. Boyar AP, et al. **J Am Diet Assoc** 1985 May;85(5):589-94

Dietary practices of persons with diabetes during insulin pump therapy. Capper AF, et al. **J Am Diet Assoc** 1985 Apr;85(4):445-9

Diet prescription guidelines—increased consultations through heightened accessibility. Colussi ME. **J Am Diet Assoc** 1985 Apr;85(4):481-2

Acid/alkaline ash diets: time for assessment and change. Dwyer J, et al. **J Am Diet Assoc** 1985 Jul;85(7):841-5

Dietary recall method comparison for hospitalized elderly subjects. Evans HK, et al. **J Am Diet Assoc** 1985 Feb; 85(2):202-5

Food choices of vegetarians and nonvegetarians during pregnancy and lactation. Finley DA, et al. **J Am Diet Assoc** 1985 Jun;85(6):678-85

Diet needs of patients referred to home health. Gaffney JT, et al. **J Am Diet Assoc** 1985 Feb;85(2):198-202

Selection and quantification of typical food portions by young adults. Guthrie HA. **J Am Diet Assoc** 1984 Dec; 84(12):1440-4

Variability of nutrient intake over a 3-day period. Guthrie HA, et al. **J Am Diet Assoc** 1985 Mar;85(3):325-7

Nutrient interaction with drugs and other xenobiotics. Hayes JR, et al. **J Am Diet Assoc** 1985 Mar;85(3):335-9

Patterns of nutrition concerns and dietary constraints among adult women. Herrmann RO, et al. **J Am Diet Assoc** 1984 Dec;84(12):1478-80

Protein-energy intake and malnutrition in Crohn's disease. Hodges P, et al. **J Am Diet Assoc** 1984 Dec;84(12):1460–4

Nutrient intakes of female adolescents from eight southern states. McCoy H, et al. **J Am Diet Assoc** 1984 Dec; 84(12):1453–60

Nutrient intake in the United States during the first 12 months of life. Martinez GA, et al. **J Am Diet Assoc** 1985 Jul; 85(7):826–30

Energy and nutrient consumption of patients with dysgeusia. Mattes-Kulig DA, et al. **J Am Diet Assoc** 1985 Jul; 85(7):822–6

Dietary change: prescription vs. goal setting. Mazzeo-Caputo SE, et al. **J Am Diet Assoc** 1985 May;85(5):553–6

Dietary status of elite female high school gymnasts: inadequacy of vitamin and mineral intake. Moffatt RJ. **J Am Diet Assoc** 1984 Nov;84(11):1361–3

Food consumption and quality of diets of Kansas elementary students. Newell GK, et al. **J Am Diet Assoc** 1985 Aug; 85(8):939–45

One-day and 3-day nutrient intakes by individuals—Nationwide Food Consumption Survey findings, Spring 1977. Pao EM, et al. **J Am Diet Assoc** 1985 Mar;85(3):313–24

Knowledge, attitudes, and dietary practices of female athletes. Perron M, et al. **J Am Diet Assoc** 1985 May; 85(5):573–6

Diet diversity and nutrient intake. Randall E, et al. **J Am Diet Assoc** 1985 Jul;85(7):830–6

Analyzed vitamin B-6 intakes of pregnant and postpartum lactating and nonlactating women. Reynolds RD, et al. **J Am Diet Assoc** 1984 Nov;84(11):1339–44

Maternal variables related to potentially high-sodium infant-feeding practices. Schaefer LJ, et al. **J Am Diet Assoc** 1985 Apr;85(4):433–8

Appalachian adolescents' eating patterns and nutrient intakes. Skinner JD, et al. **J Am Diet Assoc** 1985 Sep;85(9):1093–9

The copper-controlled diet: current aspects of dietary copper restriction in management of copper metabolism disorders. Smithgall JM. **J Am Diet Assoc** 1985 May;85(5):609–10 (30 ref.)

Pantothenic acid status of pregnant and lactating women. Song WO, et al. **J Am Diet Assoc** 1985 Feb;85(2):192–8

Use of traditional Indian foods by Cherokee youths in Cherokee, North Carolina. Story M, et al. **J Am Diet Assoc** 1985 Aug;85(8):975–7

Energy and nutrient values from different computerized data bases. Taylor ML, et al. **J Am Diet Assoc** 1985 Sep; 85(9):1136–8

Feeding the vegan infant and child. Truesdell DD, et al. **J Am Diet Assoc** 1985 Jul;85(7):837–40 (54 ref.)

Evaluation of dietary practices of college women based on expressed concern for one's dietary habits. Vickery CE, et al. **J Am Diet Assoc** 1985 May;85(5):613–5

Development and validation of an instrument for characterizing food-related behavior. Williams AC, et al. **J Am Diet Assoc** 1985 Jun;85(6):685–9

Nutrition intervention in developmental disabilities: an interdisciplinary approach. Wodarski LA. **J Am Diet Assoc** 1985 Feb;85(2):218–21

Folate and vitamin B12 status in a healthy elderly population. Garry PJ, et al. **J Am Geriatr Soc** 1984 Oct;32(10):719–26

Relationship in very elderly veterans of nutritional status, self-perceived chewing ability, dental status, and social isolation. Gordon SR, et al. **J Am Geriatr Soc** 1985 May; 33(5):334–9

Aging in rodents fed restricted diets. Weindruch R. **J Am Geriatr Soc** 1985 Feb;33(2):125–32 (82 ref.)

Meal size: role of reflexly induced insulin release. Louis-Sylvestre J. **J Auton Nerv Syst** 1984 May–Jun; 10(3–4):317–24 (45 ref.)

The results of logistic analyses when the variables are highly correlated: an empirical example using diet and CHD incidence. McGee D, et al. **J Chronic Dis** 1984; 37(9–10):713–9

Pathophysiology of chronic tubulo-interstitial disease in rats. Interactions of dietary acid load, ammonia, and complement component C3. Nath KA, et al. **J Clin Invest** 1985 Aug;76(2):667–75

Secretion of luteinizing hormone and follicle-stimulating hormone from overfeeding dairy heifers. Spicer LJ, et al. **J Dairy Sci** 1984 Sep;67(9):1993–2000

The effect of maternal diet during late pregnancy on postnatal changes in blood and liver metabolites and hepatic hydroxymethylglutaryl-CoA synthase activity in the offspring. Caswell AM, et al. **J Dev Physiol** 1985 Apr; 7(2):119–34

Calcium metabolism of intact and thyroparathyroidectomized rats fed a bicarbonate enriched diet. Ballina JC, et al. **J Endocrinol Invest** 1985 Apr;8(2):171–4

The diet-heart dyad and preventive cardiology: why don't we preach what we practice? [editorial] Mull JD. **J Fam Pract** 1985 Aug;21(2):97–8

Living arrangements and dietary patterns of older adults in the United States. Davis MA, et al. **J Gerontol** 1985 Jul; 40(4):434–42

The zinc, copper, and selenium status of a selected sample of Canadian elderly women. Gibson RS, et al. **J Gerontol** 1985 May;40(3):296–302

Delayed reduction in T cell precursor frequencies accompanies diet-induced lifespan extension. Miller RA, et al. **J Immunol** 1985 Mar;134(3):1426–9

The effect of microbial flora, diet, and age on the tumoricidal activity of natural killer cells. Bartizal KF, et al. **J Leukocyte Biol** 1984 Dec;36(6):739–50

Diet and cardiovascular disease: the morbid connection. Payne ZA. **J Med Assoc Ga** 1985 Jan;74(1):49–52

Effects of chronic (dietary) choline availability on the transport of choline across the blood-brain barrier. Wecker L, et al. **J Neurochem** 1984 Dec;43(6):1762–5

Nitrogen absorption and endogenous nitrogen along the intestinal tract of chicks. Bielorai R, et al. **J Nutr** 1985 May;115(5):568–72

A comparison of the response of woodchucks and rats to variations in dietary lipotrope and lipid content. Boyd JN, et al. **J Nutr** 1985 Sep;115(9):1136–46

Effect of Eimeria acervulina infection in chicks fed excess dietary cobalt and/or manganese. Brown DR, et al. **J Nutr** 1985 Mar;115(3):347–51

A reexamination of the composition of diets associated with pellagra. Carpenter KJ, et al. **J Nutr** 1985 May; 115(5):543–52

Influence of zinc and iron on dietary fluoride utilization in the rat. Cerklewski FL, et al. **J Nutr** 1985 Sep;115(9):1162–7

Effects of varying dietary iron on the expression of copper deficiency in the growing rat: anemia, ferroxidase I and II, tissue trace elements, ascorbic acid, and xanthine dehydrogenase. Cohen NL, et al. **J Nutr** 1985 May; 115(5):633–49

Zinc deficiency, reduced food intake and essential fatty acids [letter] Cunnane SC, et al. **J Nutr** 1985 Apr;115(4):500–3

Antagonism of arginine by excess dietary lysine in the growing dog. Czarnecki GL, et al. **J Nutr** 1985 Jun; 115(6):743–52

Effects of beef, soy and conventional diets on body composition and plasma lipids of young pigs fed restricted or liberal amounts of diet. Diersen-Schade DA, et al. **J Nutr** 1985 Aug;115(8):1016–24

Effects of different soybean meals on the incidence of tibial dyschondroplasia in the chicken. Edwards HM Jr. **J Nutr** 1985 Aug;115(8):1005–15

The utilization and safety of isomeric sulfur-containing amino acids in mice. Friedman M, et al. **J Nutr** 1984 Dec; 114(12):2301–10

Endogenous nitrogen excretion in male highlanders of Papua New Guinea. Fujita Y, et al. **J Nutr** 1984 Nov; 114(11):1997–2002

Effect of insulin administration on cardiac glycogen synthase and synthase phosphatase activity in rats fed diets high in protein, fat or carbohydrate. Gannon MC, et al. **J Nutr** 1985 Feb;115(2):243–51

Growth and estrous activity of rats fed adequate and deficient levels of phosphorus. Greene LW, et al. **J Nutr** 1985 Jun; 115(6):753–8

Studies of the effect of diet on saliva secretion and caries development: the effect of fasting on saliva composition of female subjects. Johansson I, et al. **J Nutr** 1984 Nov; 114(11):2010–20

Tin, copper, iron and calcium metabolism of rats fed various dietary levels of inorganic tin and zinc. Johnson MA, et al. **J Nutr** 1985 May;115(5):615–24

Effects of diet on norepinephrine turnover in obese (ob/ob) mice. Knehans AW, et al. **J Nutr** 1984 Nov;114(11):2080–8

Phenylalanine and tyrosine requirements of immature beagle dogs. Milner JA, et al. **J Nutr** 1984 Dec;114(12):2212–6

Effect of dietary selenium deficiency on incidence and size of 1,2-dimethylhydrazine-induced colon tumors in rats. Pence BC, et al. **J Nutr** 1985 Sep;115(9):1196–202

Bioavailability for rats of thiamin in whole wheat and thiamin-restored white bread. Ranhotra G, et al. **J Nutr** 1985 May;115(5):601–6

Energetic efficiency during pregnancy in mice fed ad libitum or pair-fed to the normal energy intake of unmated animals. Richard D, et al. **J Nutr** 1985 May;115(5):593–600

Influence of dietary calcium, phosphorus, zinc and sodium phytate level on cataract incidence, growth and histopathology in juvenile chinook salmon (Oncorhynchus tshawytscha). Richardson NL, et al. **J Nutr** 1985 May; 115(5):553–67

Oral iron, dietary ligands and zinc absorption. Sandström B, et al. **J Nutr** 1985 Mar;115(3):411–4

Effect of dietary picolinic acid on the metabolism of exogenous and endogenous zinc in the rat. Seal CJ, et al. **J Nutr** 1985 Aug;115(8):986–93

The lysine requirement of young growing male guinea pigs. Typpo JT, et al. **J Nutr** 1985 May;115(5):579–87

Effect of diet and intranephronic calculosis on bone modeling and parathyroid volume in rats. Woodard JC, et al. **J Nutr** 1984 Dec;114(12):2339–52

Effects of dietary calcium, phosphorus and magnesium on intranephronic calculosis in rats. Woodward JC, et al. **J Nutr** 1984 Dec;114(12):2331–8

Interaction between ethanol and low dietary zinc during gestation and lactation in the rat. Yeh LC, et al. **J Nutr** 1984 Nov;114(11):2027–33

Effect of wheat flour, Bengal gram flour and corn flour on lipid metabolism in rats. Bakhsh R, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Jun;30(3):297–301

Effect of dietary taurine on cholesterol gallstone formation and tissue cholesterol contents in mice. Yamanaka Y, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Apr;31(2):225–32

Biochemical features induced by adenine feeding in rats. Polyuria, electrolyte disorders, and 2,8-dihydroxyadenine deposits. Yokozawa T, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Jun;30(3):245–54

What do children with cystic fibrosis eat? Bell L, et al. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S137–46

The effect of early feeding on the onset of symptoms in celiac disease. Greco L, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):52–5

Breast-feeding among teenage mothers: milk composition, infant growth, and maternal dietary intake. Lipsman S, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):426–34

Influence of diet on the development of gastrin- and somatostatin-like immunoreactivity in the stomach of rats. Okahata H, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun; 4(3):463–7

Plasma angiotensin II and blood pressure changes during dietary sodium manipulation. Lee MI, et al. **J Perinat Med** 1984;12(4):167–71

Comparison of four types of diet using clinical, laboratory and psychological studies. Lockie AH, et al. **J R Coll Gen Pract** 1985 Jul;35(276):333–6

A study of the food eaten in conventional Royal Navy submarines. Gilbert JR, et al. **J R Nav Med Serv** 1985 Spring;71(1):19–24

Influence of diet and other factors on the levels of organochlorine compounds in human adipose tissue in Finland. Mussalo-Rauhamaa H, et al. **J Toxicol Environ Health** 1984;13(4–6):689–704

A study of food habits of mothers and children attending rural and urban health centres in Minya, Egypt. Shawqi AM, et al. **J Trop Pediatr** 1985 Apr;31(2):112–7

Alcohol, nutrient intake, and hypertension in US adults. Gruchow HW, et al. **JAMA** 1985 Mar 15;253(11):1567–70

Epidemiology of retinoids and cancer. Graham S. **JNCI** 1984 Dec;73(6):1423–8

Dietary history methods for epidemiologic studies: application in a case-control study of vitamin A and lung cancer. Hankin JH, et al. **JNCI** 1984 Dec;73(6):1417–22

Dietary relationships with fatal colorectal cancer among Seventh-Day Adventists. Phillips RL, et al. **JNCI** 1985 Feb;74(2):307–17

Tumorigenic effects of direct- and indirect-acting chemical carcinogens in rats on a restricted diet. Pollard M, et al. **JNCI** 1985 Jun;74(6):1347–9

Inhibitory effect of dietary p-methoxybenzeneselenol on azoxymethane-induced colon and kidney carcinogenesis in female F344 rats. Reddy BS, et al. **JNCI** 1985 Jun; 74(6):1325–8

Vitamin A and cancer prevention conference—an introduction. Underwood BA. **JNCI** 1984 Dec; 73(6):1371–2

Influence of low and high cadmium diet in normotensive and hypertensive SH-rats. Zumkley H, et al. **Klin Wochenschr** 1985;63 Suppl 3:70–3

Are they being served? [editorial] **Lancet** 1985 Jun 29; 1(8444):1491

Dietary vitamin D and calcium and risk of colorectal cancer: a 19-year prospective study in men. Garland C, et al. **Lancet** 1985 Feb 9;1(8424):307–9

Tannin, sorghum, and oesophageal cancer [letter] Oterdoom HJ. **Lancet** 1985 Aug 10;2(8450):330

Diet and hypertension [letter] Rosenberg E, et al. **Lancet** 1984 Dec 8;2(8415):1334

Relation between pork consumption and cirrhosis [letter] Seely S. **Lancet** 1985 Apr 20;1(8434):925

Dietary chloride as a determinant of disordered calcium metabolism in salt-dependent hypertension. Kurtz TW, et al. **Life Sci** 1985 Mar 11;36(10):921–9

Urinary malondialdehyde as an indicator of lipid peroxidation in the diet and in the tissues. Draper HH, et al. **Lipids** 1984 Nov;19(11):836–43

Effect of type of diet and feeding status on modulation of hepatic HMG-CoA reductase in rats. Kelley MJ, et al. **Lipids** 1985 Jan;20(1):53–5

Fatty liver caused by chronic alcohol ingestion is prevented by dietary supplementation with pyruvate or glycerol. Rao GA, et al. **Lipids** 1984 Aug;19(8):583–8

The influence of diet on morning sickness: a cross-cultural study. Minturn L, et al. **Med Anthropol** 1984 Winter; 8(1):71–5

Dearth, diet, and disease in Ireland, 1850: a case study of nutritional deficiency. Crawford EM. **Med Hist** 1984 Apr; 28(2):151–61

Fruit and vegetable consumption and cardiovascular mortality. Verlangieri AJ, et al. **Med Hypotheses** 1985 Jan; 16(1):7–15

Nutritional profile of recruits to a fitness programme. Baghurst KI, et al. **Med J Aust** 1985 Sep 2;143(5):188–90

The fruit people. Part 1. Hackett E. **Med J Aust** 1984 Nov 24;141(11):736–8

The contribution of hepatic metabolism to diet-induced thermogenesis. Berry MN, et al. **Metabolism** 1985 Feb; 34(2):141–7

The effects of dietary amino acids on hepatic L-asparagine synthetase. Markin RS, et al. **Metabolism** 1984 Oct; 33(10):891–6

Energy balance and brown fat activity in rats fed cafeteria diets or high-fat, semisynthetic diets at several levels of intake. Rothwell NJ, et al. **Metabolism** 1985 May; 34(5):474–80

The effects of exercise and weight loss on plasma lipids in young obese men. Sopko G, et al. **Metabolism** 1985 Mar; 34(3):227–36

Changes in lipid metabolism in diet-induced obesity. Triscari J, et al. **Metabolism** 1985 Jun;34(6):580–7

Associations of diet and alcohol intake with high-density lipoprotein subclasses. Williams PT, et al. **Metabolism** 1985 Jun;34(6):524–30

Dietary factors affecting the urinary mutagenicity assay system. I. Detection of mutagenic activity in human urine following a fried beef meal. Sousa J, et al. **Mutat Res** 1985 May;149(3):365–74

Diet and coronary heart disease [letter] **N Engl J Med** 1985 Jul 11;313(2):118–20

Fish consumption and mortality from coronary heart disease [letter] **N Engl J Med** 1985 Sep 26;313(13):820–4

Increased production and consumption of cane sugar in the Third World to prevent undernutrition and famine [letter] Alias AG. **N Engl J Med** 1985 Oct 3;313(14):894

Diet, lipoproteins, and the progression of coronary atherosclerosis. The Leiden Intervention Trial. Arntzenius AC, et al. **N Engl J Med** 1985 Mar 28;312(13):805–11

Two new diet-heart studies [editorial] Blankenhorn DH. **N Engl J Med** 1985 Mar 28;312(13):851–3

Nathan Pritikin's heart [letter] Hubbard JD, et al. **N Engl J Med** 1985 Jul 4;313(1):52

The inverse relation between fish consumption and 20-year mortality from coronary heart disease. Kromhout D, et al. **N Engl J Med** 1985 May 9;312(19):1205–9

Diet and 20-year mortality from coronary heart disease. The Ireland-Boston Diet-Heart Study. Kushi LH, et al. **N Engl J Med** 1985 Mar 28;312(13):811–8

Estimation of the daily intake of nitrates and nitrites which children six to eleven years old, who attend primary schools in the City of Havana, may consume. García Roché MO, et al. **Nahrung** 1985;29(2):191–5

Some aspects of lipid metabolism in the liver of Wistar rats with fat diet-induced obesity. Haude W, et al. **Nahrung** 1985;29(6):567–76

Influence of gestation and hydrocortisone-acetate treatment on the nutritive utilization of protein. López Frías M, et al. **Nahrung** 1985;29(1):11–8

Fatty acid composition of liver and adipose tissue lipids in Wistar rats with fat diet-induced obesity. Völcker CE, et al. **Nahrung** 1985;29(6):577–83

Isotope assessment of Holocene human diets in the southwestern Cape, South Africa. Sealy JC, et al. **Nature** 1985 May 9–15;315(6015):138–40

Effects of chronic manganese intake on the levels of biogenic amines in rat brain regions. Bonilla E, et al. **Neurobehav Toxicol Teratol** 1984 Sep–Oct;6(5):341–4

Conditioned taste aversion in the adult rat induced by dietary ingestion of cadmium or cobalt. Wellman PJ, et al. **Neurotoxicology (Park Forest II)** 1984 Summer;5(2):81–90

Influence of the preventive effect of eicosapentaenoic acid on cerebrovascular disorders. Shibuya T, et al. **Nippon Ika Daigaku Zasshi** 1985 Apr;52(2):222–4

Role of diets in modifying gastrointestinal neurotransmitter enzyme activity. Heitkemper MM, et al. **Nurs Res** 1985 Jan–Feb;34(1):19–23

Vitamin D status of the elderly: contributions of sunlight exposure and diet. **Nutr Rev** 1985 Mar;43(3):78–80 (12 ref.)

Nutrition Classics. The Journal of Experimental Zoölogy, Volume 45, 1926: Testicular degeneration in albino rats fed a purified food ration. By Karl E. Mason. **Nutr Rev** 1984 Aug;42(8):287–9

Evidence of prostaglandin I3 formation in vivo from dietary eicosapentaenoic acid. **Nutr Rev** 1984 Sep;42(9):317–8

Diet change and obesity among modernizing Polynesians. **Nutr Rev** 1984 Oct;42(10):347–50

Equalized versus ad libitum feeding. Beker DH. **Nutr Rev** 1984 Aug;42(8):269–73 (21 ref.)

Cot death and diet [letter] Moriarty HJ. **NZ Med J** 1985 Mar 27;98(775):202

Childhood antecedents of adult degenerative disease. Roy CC, et al. **Pediatr Clin North Am** 1985 Apr;32(2):517–33 (90 ref.)

Whole body protein synthesis and energy expenditure in very low birth weight infants. Catzeflis C, et al. **Pediatr Res** 1985 Jul;19(7):679–87

Mechanism of rapid phosphate (Pi) transport adaptation to a single low Pi meal in rat renal brush border membrane. Caverzasio J, et al. **Pflugers Arch** 1985 Jul;404(3):227–31

The electrical basis for enhanced potassium secretion in rat distal colon during dietary potassium loading. Sandle GI, et al. **Pflugers Arch** 1985 Apr;403(4):433–9

Nutrients and cancer: an introduction to cesium therapy. Sartori HE. **Pharmacol Biochem Behav** 1984;21 Suppl 1:7–10

Increase in stage 4 sleep after ingestion of a tryptophan-free diet in humans. Moja EA, et al. **Pharmacol Res Commun** 1984 Sep;16(9):909–14

Nutrient composition: effects on appetite in monkeys with oral factors held constant. Jen KL, et al. **Physiol Behav** 1985 May;34(5):655–9

Nutritional dependence of the incidence of selenite-induced cataracts in rats. Oltádalová I, et al. **Physiol Bohemoslov** 1984;33(6):507–10

Feeling your oats and eating them too. A better way to lower cholesterol levels? Podell RN. **Postgrad Med** 1985 Jun;77(8):279–80, 286–8

Food, mind, and mood. Hyperactivity revisited. Podell RN. **Postgrad Med** 1985 Aug;78(2):119–22, 125

The 'tomato effect' in clinical nutrition. New treatments languishing on the vine? Podell RN. **Postgrad Med** 1984 Dec;76(8):49–52, 61–3, 65 (42 ref.)

Diet, nutrition, and cancer. An update on a controversial relationship. Purtilo DT, et al. **Postgrad Med** 1985 Jul;78(1):193–4, 199–203

Dietary trends of 10- and 13-year-old children in a biracial community—the Bogalusa Heart Study. Frank GC, et al. **Prev Med** 1985 Jan;14(1):123–39

Carcinoma of the stomach. Correa P. **Proc Nutr Soc** 1985 Feb;44(1):111–2

Nutrition and cholesterol gallstones. Low-Beer TS. **Proc Nutr Soc** 1985 Feb;44(1):127–34 (57 ref.)

Nutrition and carcinoma of the large intestine. Weisburger JH. **Proc Nutr Soc** 1985 Feb;44(1):115–20 (29 ref.)

Prediction of response of blood lead to airborne and dietary lead from volunteer experiments with lead isotopes. Chamberlain AC. **Proc R Soc Lond [Biol]** 1985 Apr 22;224(1235):149–82

Biologically available iodine in goitrogenic diets. Van Middlesworth L. **Proc Soc Exp Biol Med** 1985 Apr;178(4):610–5

Relation of serum and urinary fluoride levels to fluoride intake in healthy men. Maheshwari UR, et al. **Proc West Pharmacol Soc** 1984;27:469–73

Central nervous system pharmacology of the dietary methylxanthines. Hirsh K. **Prog Clin Biol Res** 1984;158:235–301

Isotype expression and specificity repertoire of lipopolysaccharide-reactive B cells in germfree mice fed chemically defined ultrafiltered 'antigen-free' diet. Honijkaas H, et al. **Prog Clin Biol Res** 1985;181:359–62

Isotype distribution and specificity repertoire of 'spontaneously' occurring ('background') immunoglobulin-secreting cells in germfree mice fed chemically defined ultrafiltered 'antigen-free' diet. Hooijkaas H, et al. **Prog Clin Biol Res** 1985;181:355–8

Prevention of neural tube defects by improvement in maternal diet and preconceptional folic acid supplementation. Laurence KM. **Prog Clin Biol Res** 1985;163B:383–8

Dietary approaches to the prevention of large bowel cancer. McKeown-Eyssen GE. **Prog Clin Biol Res** 1985;186:277–84

Nutritional teratogens: a survey of epidemiological literature. Pieters JJ. **Prog Clin Biol Res** 1985;163B:419–29

Superior reproduction by BALB/C vs C3H/HeCr germfree mice fed chemically defined, ultrafiltered, antigen-free diet. Pleasants J, et al. **Prog Clin Biol Res** 1985;181:87–90

Studies on the effect of the gut microflora on dietary nitrogen digestibility in pigs. Ratcliffe B, et al. **Prog Clin Biol Res** 1985;181:115–8

Strategies and rationale for intervention studies. Reddy BS. **Prog Clin Biol Res** 1985;186:285–96

Hepatotoxicity of chemically-defined diets containing polysorbate-80 in germfree and conventional mice. Reyniers JP, et al. **Prog Clin Biol Res** 1985;181:91–4

Urinary 3-methylhistidine excretion in germfree and conventional rats maintained on 70% of ad lib diet intake. Shi SD, et al. **Prog Clin Biol Res** 1985;181:111–4

Influence of antigen-free diet, microbial flora and host strain on natural killer cytotoxic activity in mice. Tazume S, et al. **Prog Clin Biol Res** 1985;181:347–9

The effect of the antigenic stimuli derived from the diet and microbial flora on immunoglobulin levels. Umehara K, et al. **Prog Clin Biol Res** 1985;181:351–3

Plasma essential fatty acids in pure and mixed race American Indians on and off a diet exceptionally rich in salmon. Bates C, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):77–84

The smoking and dietary behaviour of Lambeth schoolchildren II. The relationship between knowledge, attitudes and behaviour. Morris RW, et al. **Public Health** 1984 Jul;98(4):225–32

Sodium, hypertension, and the American public: second tracking survey. Heimbach JT. **Public Health Rep** 1985 Jul–Aug;100(4):371–2

Cardiovascular disease and diet: the public view. Heimbach JT. **Public Health Rep** 1985 Jan–Feb;100(1):5–12

The effects of feeding either roughage or concentrate diets on salivary phosphorus secretion, net intestinal phosphorus absorption and urinary phosphorus excretion in the sheep. Scott D, et al. **Q J Exp Physiol** 1985 Jul;70(3):365–75

Neonatal levels of plasma thyroxine in male and female calves fed a colostrum or immunoglobulin diet or fasted for the first 28 hours of life. Grongnet JF, et al. **Reprod Nutr Dev** 1985;25(3):537–43

Diet and the heart [editorial] Gilder SS. **S Afr Med J** 1985 Jun 8;67(23):913–4

Fish, fish oils and coronary heart disease [editorial] Walker AR. **S Afr Med J** 1985 Jul 6;68(1):1–2

Diet and bowel diseases—past history and future prospects. Walker AR. **S Afr Med J** 1985 Aug 3;68(3):148–52

Short term fasting and lactovegetarian diet does not affect human saliva. Birkhed D, et al. **Scand J Dent Res** 1984 Oct;92(5):408–11

Human and laboratory studies on the causes and prevention of gastrointestinal cancer. Weisburger JH, et al. **Scand J Gastroenterol [Suppl]** 1984;104:15–26 (69 ref.)

Dairy product consumption [letter] Superko HR, et al. **Science** 1984 Nov 9;226(4675):610

The role of diet in animal models of systemic lupus erythematosus: possible implications for human lupus. Corman LC. **Semin Arthritis Rheum** 1985 Aug;15(1):61–9 (80 ref.)

An estimation of sodium chloride intake by adults in Singapore. Lee HP, et al. **Singapore Med J** 1983 Dec;24(6):346–9

Food ideology and eating behavior: contributions from Malay studies. Laderman C. **Soc Sci Med** 1984;19(5):547–59

Diet and exercise in the regulation of plasma lipids and lipoproteins in patients at risk of coronary disease. Hartung GH. **Sports Med** 1984 Nov–Dec;1(6):413–8 (22 ref.)

Role of rice in dietary cadmium intake of farming population with no known man-made pollution in Japan. Watanabe T, et al. **Tohoku J Exp Med** 1984 Sep;144(1):83–90

Effect of repeated dietary exposure of aflatoxin B1 on brain biogenic amines and metabolites in the rat. Coulombe RA Jr, et al. **Toxicol Appl Pharmacol** 1985 Sep 30;80(3):496–501

The effect of dietary restriction and altered sodium intake on the cardiopulmonary toxicity of monocrotaline pyrrole. Ganey PE, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):55–62

Adverse effect of a sucrose-based semipurified diet on development and postnatal growth of Fischer rats. Halperin-Walega ES, et al. **Toxicol Appl Pharmacol** 1985 Sep 15;80(2):284–92

Effect of dietary chronic cadmium exposure on cell-mediated immune response in rhesus monkey (Macaca mulatta). Chopra RK, et al. **Toxicol Lett** 1984 Oct;23(1):99–107

Effect of dietary vitamin E on nitrite-treated rats. Chow CK, et al. **Toxicol Lett** 1984 Oct;23(1):109–17

Dietary selenium and aniline-induced methemoglobinemia in rats. Hu ML, et al. **Toxicol Lett** 1985 May;25(2):205–10

Influence of dietary ingredients on the body retention of strontium, cadmium and mercury in suckling rats. Kostial K, et al. **Toxicol Lett** 1984 Nov;23(2):163–8

Effect of diet on spontaneous disease in the inbred mouse strain C57B1/10J. Tucker MJ. **Toxicol Lett** 1985 May;25(2):131–5

Increased severity of malaria infection in rats fed supplementary amino acids. Fern EB, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):839–41

Nutritional management and congenital defects of exotic felidae. Walsh MT. **Vet Clin North Am [Small Anim Pract]** 1984 Sep;14(5):1107–16 (48 ref.)

Immune responsiveness and lymphoreticular morphology in cattle fed hypo- and hyperalimentative diets. Fiske RA, et al. **Vet Immunol Immunopathol** 1985 Feb;8(3):225–44

Relative contributions of diet and sunshine to the overall vitamin D status of the grazing ewe. Smith BS, et al. **Vet Rec** 1984 Nov 24;115(21):537–8

Diet and health. Gotto AM Jr, et al. **West J Med** 1984 Dec;141(6):872–7

Eating more and enjoying it less: U.S. prison diets for women. Shaw NS, et al. **Women Health** 1985 Spring;10(1):39–57

Effect of Acarbose on the production of hydrogen and methane and on hormonal parameters in young adults under standardized low-fibre mixed diets. Fritz M, et al. **Z Ernahrungswiss** 1985 Mar;24(1):1–18

[Prevention of endemic goiter induced by excessive intake of dietary iodine] Yang YK. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Mar;18(2):90–1 (Eng. Abstr.) (Chi)

[Effects of variation in dietary sodium intake on plasma catecholamines in normal subjects] Jin L, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct;6(5):378–80 (Eng. Abstr.) (Chi)

[The effect of a diet enriched with marine and freshwater fish on the levels of plasma lipids after 3 months of administration] Chochola M, et al. **Sb Lek** 1985 Jan;87(1):23–8 (Eng. Abstr.) (Cze)

[Emptying of the intestine prior to colonoscopy. A comparative study of intestinal irrigation via a stomach tube and intestinal emptying by diet and laxatives] Ostri P, et al. **Ugeskr Laeger** 1985 Mar 11;147(11):952–5 (Eng. Abstr.) (Dan)

[Lactase activity of the brush-border of the enterocyte. Genetic and dietetic effects] Brasseur D, et al. **Acta Gastroenterol Belg** 1984 Mar–Apr;47(2):115–22 (Eng. Abstr.) (Fre)

[Atrophic gastritis and cancer: the role of nitrosamines] Lambert R. **Acta Gastroenterol Belg** 1984 May–Jun;47(3):235–9 (Fre)

[Characteristics of the dietary intake of French children from 3 to 24 months of age. Diet of French infants] Boggio V, et al. **Arch Fr Pediatr** 1984 Aug–Sep;41(7):499–505 (Eng. Abstr.) (Fre)

[Cerebral circulation in the genetically hypertensive animal. The role of diet] Cier JF, et al. **Bull Acad Natl Med (Paris)** 1985 Jan;169(1):120–37 (Fre)

[Nutrition studies in the mid-valley of Senegal. 1. Evolution of food consumption since 1958 and current structure of rations] Benefice E, et al. **Bull Soc Pathol Exot Filiales** 1985;78(1):110–8 (Eng. Abstr.) (Fre)

[Diet and rectocolonic cancers. Results of a case-control study] Berta JL, et al. **Gastroenterol Clin Biol** 1985 Apr;9(4):348–53 (Eng. Abstr.) (Fre)

[Nutrition and atherosclerosis] Debry G, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:223–34 (37 ref.) (Fre)

[How is diabetic nutrition understood in 1984?] Mirouze J, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:209–22 (44 ref.) (Fre)

[Influence of metabolic and nutritional balance on platelet function in insulin-dependent diabetes] Monnier L. **Journ Annu Diabetol Hotel Dieu** 1984;:351–9 (20 ref.) (Fre)

[Tropical diabetes mellitus, a new nutritional indicator?] Cuisinier-Raynal JC, et al. **Med Trop (Mars)** 1985 Apr-Jun; 45(2):179-84 (Eng. Abstr.) (Fre)

[The place of the dietary questionnaire in the patient's medical history] Morabia A. **Rev Med Suisse Romande** 1985 Jul;105(7):657-63 (Fre)

[Sex-specific differences in food intake, body weight and parameters of lipid metabolism (HDL-cholesterol, total cholesterol and triglycerides) in rats under various feeding conditions] Kahl PE, et al. **Biomed Biochim Acta** 1984; 43(11):1241-9 (Eng. Abstr.) (Ger)

[Effect of the composition of the diet on the excretion of 3-methylhistidine and creatinine in urine] Neuhäuser M, et al. **J Clin Chem Clin Biochem** 1984 Nov;22(11):731-4 (Eng. Abstr.) (Ger)

[The effect of nutrition on intestinal flora] Mitsuoka T. **Nahrung** 1984;28(6-7):619-25 (Eng. Abstr.) (Ger)

[Benefits under the Federal Social Welfare Law—evaluation of applications for supplemental requirements for costly diets] Möller A. **Off Gesundheitswes** 1984 Oct;46(10):491-3 (Ger)

[Nutrition and cancer (letter)] Schmähl D, et al. **Schweiz Med Wochenschr** 1985 Mar 16;115(11):386-7 (Ger)

[Mechanical and chemotherapeutic preparation of the colon for surgical intervention] Piccinelli D, et al. **Chir Ital** 1984 Apr;36(2):179-86 (Eng. Abstr.) (Ita)

[Dietary factors and risk of atherosclerosis] Galli C, et al. **Clin Ter** 1984 Oct 15;111(1):21-6 (Eng. Abstr.) (Ita)

[Various norms of eubiotic feeding in healthy elderly persons] Franzini C, et al. **G Clin Med** 1985 Jan-Feb;66(1-2):1-28 (Eng. Abstr.) (Ita)

[Dietary factors and breast carcinoma. Epidemiological aspects] Meggiorini M, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):99-103 (Eng. Abstr.) (Ita)

[Dietary management of renal stone disease—with special reference to oxalate] Iguchi M, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Mar;76(3):293-302 (Eng. Abstr.) (Jpn)

[Effects of voluntary running exercise during growing and post-growing periods on iron metabolism and body composition of the rats fed on normal and iron deficient diets] Takamatsu K. **Nippon Ika Daigaku Zasshi** 1984 Aug; 51(4):441-54 (Eng. Abstr.) (Jpn)

[An epidemiological study on dietary ingestion of eicosapentaenoic acid (EPA) and platelet function in Japanese] Hirai A. **Nippon Naika Gakkai Zasshi** 1985 Jan; 74(1):13-20 (Jpn)

[Maintenance hemodialysis. VI. Nutrition of the dialysis patient] **Nippon Rinsho** 1985 Jan;43 Spec No 522:691-709 (Jpn)

[Meeting of a committee on vitamins] Bøhmer T. **Tidsskr Nor Laegeforen** 1984 Aug 20;104(23):1550-3 (Nor)

[Zinc concentration in the food and bodies of pregnant women, newborn infants and children] Muszyńska-Zimna E, et al. **Pol Tyg Lek** 1985 Jan 14;40(2):51-5 (28 ref.) (Pol)

[Theoretical evaluation of the nutritive value of daily diets in boarding schools based on the results of laboratory analysis. IV. Group B vitamins] Nadolna I, et al. **Rocz Panstw Zakl Hig** 1984;35(2):107-12 (Eng. Abstr.) (Pol)

[Laboratory evaluation of the nutritive value of average daily food rations of selected population groups in Poland. I. Value of energy, proteins and fats] Trzebska-Jeske I, et al. **Rocz Panstw Zakl Hig** 1984;35(6):543-9 (Eng. Abstr.) (Pol)

[The importance of diet in the epidemiology of cancer of the colon and rectum] Lopes E da C, et al. **Rev Saude Publica** 1984 Oct;18(5):405-10 (Eng. Abstr.) (Por)

[Effect of the supplementary administration of ascorbic acid to the daily diet of the degree of vitamin saturation of the body and erythrocyte thermal resistance during work in an arid zone] Mommadov IM, et al. **Fiziol Cheloveka** 1985 Jan-Feb;11(1):129-33 (Rus)

[Metabolic indicators in professional technical school students in relation to nutrition] Buriak LI, et al. **Gig Sanit** 1985 May;(5):85-6 (Rus)

[Effect of changes in diet composition on Pu-239 excretion from the body] Ivanova NP, et al. **Gig Sanit** 1985 May; (5):75 (Rus)

[Effectiveness of a balanced diet in a dispensary for coal miners] Krasnonevtsev VM, et al. **Gig Sanit** 1984 Nov; (11):14-6 (Eng. Abstr.) (Rus)

[Energy metabolism and actual diet of female textile workers] Rodnikov AV, et al. **Gig Sanit** 1985 Feb;(2):80-2 (Rus)

[Diet for the first expedition of Soviet climbers to Mount Everest] Belakovskii MS, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct;18(5):10-4 (Eng. Abstr.) (Rus)

[Pathogenetic basis for the dietary prevention of fluorosis] Antonian OA, et al. **Vestn Akad Med Nauk SSSR** 1984; (9):90-4 (Eng. Abstr.) (Rus)

[Features of the actual diet of persons in the older age groups in the Abkhazian ASSR] Grigorov IuG, et al. **Vopr Pitan** 1984 Sep-Oct;(5):22-7 (Eng. Abstr.) (Rus)

[Effect of intragastric feeding with qualitatively different mixtures on the microflora composition of the intestines in rats] Klimzo ON. **Vopr Pitan** 1985 Jan-Feb;(1):38-41 (Eng. Abstr.) (Rus)

[Relation between carbohydrate metabolism, acid-base equilibrium and nutrition in persons performing physical and mental work in the Estonian SSR] Pauts VM. **Vopr Pitan** 1984 Sep-Oct;(5):19-21 (Eng. Abstr.) (Rus)

[Use of food treated with gamma radiation in the feeding of rainbow trout (Salmo gairdnerii irideus)] Grümberg J, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):83-93 (Eng. Abstr.) (Spa)

[Nutritive value of diets based on tubers and legumes consumed in 3 different proportions] Jorge João WS, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):315-20 (Eng. Abstr.) (Spa)

[Protein digestibility and energy in diets based on rice and beans in human adults] Vargas E, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):109-29 (Eng. Abstr.) (Spa)

[Relation between familial income, expenditure and food consumption in marginal urban zones of Sonora, Mexico] Wong P, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):391-403 (Eng. Abstr.) (Spa)

[Criteria for the evaluation of the nutritional status of children] Mata L. **GEN** 1983 Jan-Jun;37(1-2):107-23 (Spa)

[Consumption, diet habits and nutritional status of the population of Reus (III): distribution, by age and sex, of the consumption of milk, milk products, visible vegetable fats and vegetables] Salas J, et al. **Med Clin (Barc)** 1985 Mar 30;84(12):470-5 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

Role of epigenetic factors in dietary carcinogenesis. Berry DL, et al. **Adv Exp Med Biol** 1984;177:91-113 (95 ref.)

Dietary obesity and neonatal sympathectomy. II. Thermoregulation and brown adipose metabolism. Levin BE, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R988-94

Dietary obesity and neonatal sympathectomy. I. Effects on body composition and brown adipose. Levin BE, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R979-87

Diet and renal stones: a case-control study. Power C, et al. **Br J Urol** 1984 Oct;56(5):456-9

Hypercarotenaemia [editorial] Sharman IM. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):95-6

Failure to thrive owing to inappropriate diet free of gluten and cows' milk. Tarnow-Mordi WO, et al. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1113-4

Exacerbation of rickets and osteomalacia by maize: a study of bone histomorphometry and composition in young baboons. Sly MR, et al. **Calcif Tissue Int** 1984 Jul; 36(4):370-9

Sources of the diet-heart controversy: confusion over population versus individual correlations. Blackburn H, et al. **Circulation** 1984 Nov;70(5):775-80

Transient thyrotoxicosis in endemic goitre patients following exposure to a normal iodine intake. Lima N, et al. **Clin Endocrinol (Oxf)** 1984 Dec;21(6):631-7

Diet and insulin-dependent diabetes in the BB rat [letter] Scott FW, et al. **Diabetologia** 1985 Jan;28(1):59-61

Diet and drinking habits in relation to the development of alcoholic pancreatitis. Wilson JS, et al. **Gut** 1985 Sep; 26(9):882-7

Prenatal monosodium glutamate (MSG) treatment given through the mother's diet causes behavioral deficits in rat offspring. Frieder B, et al. **Int J Neurosci** 1984 Apr; 23(2):117-26

Nutritional considerations of osteoporosis. **Iowa Med** 1984 Dec;74(12):541-3 (31 ref.)

Dietary carcinogens and anti-carcinogens. Ames BN. **J Toxicol Clin Toxicol** 1984;22(3):291-301

Diet and ovarian cancer [letter] Snowdon DA. **JAMA** 1985 Jul 19;254(3):356-7

Diet, nutrition and disease. Contemporary Australian epidemiology. McMichael AJ. **Med J Aust** 1985 Jan 21; 142(2):121-4

Group comparisons of blood pressure and indices of obesity and salt intake in Pacific populations. Taylor R, et al. **Med J Aust** 1985 Apr 29;142(9):499-501

2,8-Dihydroxyadenine urolithiasis induced by dietary adenine in rats. Yokozawa T, et al. **Nippon Jinzo Gakkai Shi** 1985 Mar;27(3):371-8

Dietary aspects of peptic ulcer disease. Rydning A, et al. **Scand J Gastroenterol [Suppl]** 1985;110:29-33

Dietary and other risk factors for stroke in Hawaiian Japanese men. Kagan A, et al. **Stroke** 1985 May-Jun;16(3):390-6

Interactions of salicylate, dietary zinc, and genetic strain in teratogenesis in rats. Hackman RM, et al. **Teratology** 1984 Oct;30(2):225-36

Potentiation of the teratogenic effects and altered disposition of diphenylhydantoin in mice fed a purified diet. McClain RM, et al. **Toxicol Appl Pharmacol** 1985 Jan;77(1):86-93

Relationship between overfeeding, metritis and ketosis in high yielding dairy cows. Markusfeld O. **Vet Rec** 1985 May 4;116(18):489-91

Relationship between levels of concentrate feeding and incidence of sole ulcers in dairy cattle. Peterse DJ, et al. **Vet Rec** 1984 Dec 15;115(24):629-30

[Cations in food and hypertension] Birkenhäger WH. **Ned Tijdschr Geneeskd** 1985 Apr 27;129(17):772-3 (Dut)

[Effect of diet on lithogenic and inhibitory substances in the urine] Bach D. **Fortschr Med** 1984 Nov 8;102(41):1059-62 (Eng. Abstr.) (Ger)

[Quality of maternal diet and biochemical changes in the brain of the offspring. Study in rats] Tirapegui JO, et al. **Arq Gastroenterol** 1984 Apr-Jun;21(2):78-82 (Eng. Abstr.) (Por)

[Possible significance of the gastrointestinal 'steal' syndrome in experimental cerebral ischemia] Shafranova VP, et al. **Zh Nevropatol Psikhiatr** 1984;84(12):1771-3 (Eng. Abstr.) (Rus)

[Epidemiology of renal lithiasis: influence of the diet] Torres Ramírez C, et al. **Arch Esp Urol** 1984 Jul-Aug;37(4):309-27 (Eng. Abstr.) (Spa)

[Possible consequences of dietary errors in developed countries] Martí Henneberg C. **Med Clin (Barc)** 1985 Mar 9;84(9):357-9 (Spa)

STANDARDS

Uses and limits of the use of the Recommended Dietary Allowances for evaluating dietary intake data. Beaton GH. **Am J Clin Nutr** 1985 Jan;41(1):155-64

Origin of Recommended Dietary Allowances—an historic overview. Harper AE. **Am J Clin Nutr** 1985 Jan; 41(1):140-8

Status of the 10th edition of the Recommended Dietary Allowances—prospects for the future. Kamin H. **Am J Clin Nutr** 1985 Jan;41(1):165-70

Evolving scientific bases for the Recommended Dietary Allowances—a critical look at methodologies. Munro HN. **Am J Clin Nutr** 1985 Jan;41(1):149-54

TRENDS

Very low calorie diets—history, safety and recent developments. Vertes V. **Postgrad Med J** 1984;60 Suppl 3:56-8

DIET, ATHEROGENIC

see related

CHOLESTEROL, DIETARY

Structural and hemodynamic response of peripheral arteries of macaque monkeys to atherogenic diet. Armstrong ML, et al. **Arteriosclerosis** 1985 Jul-Aug;5(4):336-46

Spontaneous and diet-induced coronary atherosclerosis in normal swine and swine with von Willebrand disease. Fuster V, et al. **Arteriosclerosis** 1985 Jan-Feb;5(1):67-73

Atherogenic diet-induced modification of the subfraction distribution of high density lipoproteins in monkeys. Rudel LL, et al. **Arteriosclerosis** 1984 Nov-Dec;4(6):636-46

Cardiac sarcoplasmic reticulum. Effects of an atherogenic diet during the neonatal and juvenile period. Jacobson MS, et al. **Atherosclerosis** 1985 Apr;55(1):81-91

Effects of physical activity and diet on lipemic risk factors for atherosclerosis in women. Reggiani E, et al. **Int J Sports Med** 1984 Aug;5(4):183-6

Dietary calcium and vitamin D: risk factors in the development of atherosclerosis in young goats. Hines TG, et al. **J Nutr** 1985 Feb;115(2):167-78

Dietary induction of hypercholesterolemia and atherosclerosis in Japanese quail of strain SEA. Radcliffe JD, et al. **J Nutr** 1985 Sep;115(9):1154-61

Comparative study of the atherogenecity of dietary trans, saturated and unsaturated fatty acids on swine coronary arteries. Toda T, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Apr;31(2):233-41

High-cholesterol diet induces altered responsiveness of rabbit arterial smooth muscle to noradrenaline. Maggi CA, et al. **Pharmacology** 1985;30(5):273-80

Effect of obesity per se on plasma lipid and aortic responses to diet in swine. Pond WG, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):90-5

How LDL receptors influence cholesterol and atherosclerosis. Brown MS, et al. **Sci Am** 1984 Nov; 251(5):58-66 (0 ref.)

[Changes in serum and liver lipids in rats after the short-term use of an atherogenic diet regimen (the effect of Vita yogurt)] Ilinov P, et al. **Eksp Med Morfol** 1984; 23(4):196-200 (Eng. Abstr.) (Bul)

[Physical factors of the work environment. Changes in the aorta in experimental exposure to noise and atherogenic diet] Antov G, et al. **Probl Khig** 1984;9:29-35 (Eng. Abstr.) (Bul)

[Effects of vitamin A (retinol), Tiosdenolo and a standard diet on the plasma lipid pattern in the rat on an atherogenic diet] Carbini L, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1527-33 (Eng. Abstr.) (Ita)

[Linoleic acid in the prevention of arteriosclerotic injuries] Berti G, et al. **Minerva Dietol Gastroenterol** 1984 Jul-Sep; 30(3):281-5 (Eng. Abstr.) (Ita)

[Effect of physical training on cholesterol metabolism—feeding on high fat diet] Hirota K, et al. **Ann Physiol Anthropol** 1984 Apr;3(2):103-9 (Eng. Abstr.) (Jpn)

[Induction of atherosclerosis in rats fed a high-cholesterol diet containing beta-aminopropionitrile for a short period] Kunitomo M, et al. **Yakugaku Zasshi** 1984 Dec; 104(12):1275-80 (Eng. Abstr.) (Jpn)

[Effect of hypokinesia on lipid peroxidation in the tissues of rats on an atherogenic diet] Shidlovskaia TE, et al. **Kardiologiia** 1984 Nov;24(11):116-8 (Rus)

DIET, CARIOGENIC

Diet and dental health. Shaw JH. **Am J Clin Nutr** 1985 May;

41(5 Suppl):1117-31

Caries promotion properties of human diets [editorial] Harris R. **Aust Dent J** 1985 Feb;30(1):55-7

Caries, diet, dental knowledge and socioeconomic variables in a population of 15-year-old Israeli schoolchildren. Sgan-Cohen HD, et al. **Community Dent Oral Epidemiol** 1984 Oct;12(5):332-6

DIET, CHEMICALLY DEFINED see FOOD, FORMULATED

DIET, ELEMENTAL see FOOD, FORMULATED

DIET FADS

Fad reducing diets: separating fads from facts. Blackburn GL, et al. **ASDC J Dent Child** 1984 Sep-Oct;51(5):382-5

Conspectus: foods, fads, and fancies. Bellows JG, et al. **Compr Ther** 1985 Apr;11(4):3-4

Nutrition evaluation of published weight-reducing diets. Fisher MC, et al. **J Am Diet Assoc** 1985 Apr;85(4):450-4

Food propagandists—the new puritans. Passmore R. **J R Coll Gen Pract** 1985 Aug;35(277):387-9

The myth of Homo gastronomicus: your child is not what he eats. Accardo P. **Mo Med** 1985 Feb;82(2):72-4

Food faddists. Birkbeck JA. **NZ Med J** 1984 Dec 26; 97(770):895-6

ADVERSE EFFECTS

Myocardial infarction after diet-induced warfarin resistance. Walker FB 4th. **Arch Intern Med** 1984 Oct;144(10):2089-90

Fad reducing diets: separating fads from facts. Blackburn GL, et al. **Bol Asoc Med PR** 1984 Aug;76(8):349-51

Unconventional eating practices and their health implications. Hanning RM, et al. **Pediatr Clin North Am** 1985 Apr;32(2):429-45 (73 ref.)

DIET, FORMULA see FOOD, FORMULATED

DIET, LOW-SALT see DIET, SODIUM-RESTRICTED

DIET, REDUCING

Effect of a moderately energy- and salt-reduced diet on body compartments and blood pressure control in obese men with mild hypertension. Fagerberg B, et al. **Acta Med Scand** 1984;216(4):353-9

Interrelationships of glucose and protein metabolism in obese adolescents during short-term hypocaloric dietary therapy. Dietz WH Jr, et al. **Am J Clin Nutr** 1985 Sep;42(3):380-90

Energy expenditure before and during energy restriction in obese patients. Ravussin E, et al. **Am J Clin Nutr** 1985 Apr;41(4):753-9

Anthropometric and calorimetric evidence for the protein sparing effects of a new protein supplemented low calorie preparation. Van Gaal LF, et al. **Am J Clin Nutr** 1985 Mar;41(3):540-4

A comparison of two very-low-calorie diets: protein-sparing-modified fast versus protein-formula-liquid diet. Wadden TA, et al. **Am J Clin Nutr** 1985 Mar;41(3):533-9

Multidisciplinary treatment of obesity with a protein-sparing modified fast: results in 668 outpatients. Palgi A, et al. **Am J Public Health** 1985 Oct;75(10):1190-4

Effects of severe caloric restriction on the degree of sialylation of apoprotein C-III in obese women. Bosello O, et al. **Ann Nutr Metab** 1985;29(1):33-9

Moderate weight loss and sulfonylurea treatment of non-insulin-dependent diabetes mellitus. Combined effects. Liu GC, et al. **Arch Intern Med** 1985 Apr;145(4):665-9

Comparison of clofibrate and caloric restriction on kinetics of very low density lipoprotein triglycerides. Kesaniemi YA, et al. **Arteriosclerosis** 1985 Mar-Apr;5(2):153-61

Fad reducing diets: separating fads from facts. Blackburn GL, et al. **ASDC J Dent Child** 1984 Sep-Oct;51(5):382-5

Weight-reducing diets. Balabanski L. **Bibl Nutr Dieta** 1985;(35):111-21

Relationship between the changes in serum thyroid hormone levels and protein status during prolonged protein supplemented caloric deprivation. Kaptein EM, et al. **Clin Endocrinol (Oxf)** 1985 Jan;22(1):1-15

A randomized controlled trial of weight reduction and metoprolol in the treatment of hypertension in young overweight patients. MacMahon SW, et al. **Clin Exp Pharmacol Physiol** 1985 May-Jun;12(3):267-71

Importance of dietary salt in the hemodynamic adjustment to weight reduction in obese hypertensive men. Andersson OK, et al. **Hypertension** 1984 Nov-Dec;6(6 Pt 1):814-9

Suppression of norepinephrine-induced thermogenesis in human obesity by diet and weight loss. Finer N, et al. **Int J Obes** 1985;9(2):121-6

Diet and weight loss: their effect on norepinephrine renin and aldosterone levels. Grossman E, et al. **Int J Obes** 1985; 9(2):107-14

Diet and exercise training effects on resting metabolic rate. Lennon D, et al. **Int J Obes** 1985;9(1):39-47

Weight-reducing diets, the thermic effect of feeding and energy balance in young women. Morgan JB. **Int J Obes** 1984;8(6):629-40

Lipids and lipoproteins in obese adolescents during a hypocaloric diet [letter] Sterpa A, et al. **Int J Obes** 1984; 8(5):467-8

Effect of glucomannan on obese patients: a clinical study. Walsh DE, et al. **Int J Obes** 1984;8(4):289-93

Protein-sparing diet for severely obese adolescents: design and use of an equivalency system for menu planning. Bell L, et al. **J Am Diet Assoc** 1985 Apr;85(4):459-64

Nutrition evaluation of published weight-reducing diets. Fisher MC, et al. **J Am Diet Assoc** 1985 Apr;85(4):450-4

Fluid retention and weight reduction in perimenopausal women. Spodnik MJ, et al. **J Am Diet Assoc** 1985 Aug; 85(8):971-3

Effective dietary intervention in hypertensives: sodium restriction and weight reduction. Wassertheil-Smoller S, et al. **J Am Diet Assoc** 1985 Apr;85(4):423-30

Beneficial effect of moderate weight loss in older patients with non-insulin-dependent diabetes mellitus poorly controlled with insulin. Reaven GM. **J Am Geriatr Soc** 1985 Feb;33(2):93-5

The influence of dieting on the menstrual cycle of healthy young women. Pirke KM, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1174-9

Effect of dietary fat, carbohydrate, and protein on branched-chain amino acid catabolism during caloric restriction. Vazquez JA, et al. **J Clin Invest** 1985 Aug; 76(2):737-43

Metabolic consequences of dieting and exercise in the treatment of obesity. Donahoe CP Jr, et al. **J Consult Clin Psychol** 1984 Oct;52(5):827-36

Failure of weight reduction to reduce mildly elevated blood pressure: a randomized trial. Haynes RB, et al. **J Hypertens** 1984 Oct;2(5):535-9

The antihypertensive effect of calorie restriction in obese adolescents: dissociation of effects on erythrocyte countertransport and cotransport. Weder AB, et al. **J Hypertens** 1984 Oct;2(5):507-14

Dr. Cupp's simple approach to weight loss. Carter JP, et al. **J La State Med Soc** 1985 Jun;137(6):35-8

Effect of diet and controlled exercise on weight loss in obese children. Epstein LH, et al. **J Pediatr** 1985 Sep; 107(3):358-61

Blood pressure and intracellular electrolytes during weight reduction. Karoff C, et al. **Klin Wochenschr** 1985;63 Suppl 3:129-31

Method for estimating rate of fat loss during treatment of obesity by calorie restriction. Wynn V, et al. **Lancet** 1985 Mar 2;1(8427):482-6

Effects of dieting and exercise on lean body mass, oxygen uptake, and strength. Pavlou KN, et al. **Med Sci Sports Exerc** 1985 Aug;17(4):466-71

Metabolic and hormonal factors as predictors of nitrogen retention in obese men consuming very low calorie diets. Fisler JS, et al. **Metabolism** 1985 Feb;34(2):101-5

Effect of slight plasma glucose decrease on glycosylated hemoglobin in healthy subjects during caloric restriction [letter] Ktorza A, et al. **N Engl J Med** 1985 Oct 10; 313(15):958-9

Childhood obesity. Epstein LH, et al. **Pediatr Clin North Am** 1985 Apr;32(2):363-79 (41 ref.)

Palatability of sucrose before and after glucose ingestion in dieters and nondieters. Esses VM, et al. **Physiol Behav** 1984 May;32(5):711-5

Nociceptive thresholds following food restriction and return to free-feeding. Hamm RJ, et al. **Physiol Behav** 1984 Sep; 33(3):499-501

Benefits of reducing—revisited. Blackburn GL, et al. **Postgrad Med J** 1984;60 Suppl 3:13-8

Dietary approaches to the reduction of blood pressure: the independence of weight and sodium/potassium interventions. Wing RR, et al. **Prev Med** 1984 May; 13(3):233-44

Inhibition by restricted-calorie diet of lymphoproliferative disease and renal damage in MRL/lpr mice. Fernandes G, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6144-8

Reduction in the incidence of radiation-induced tumors in rats after restriction of food intake. Gross L, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7596-8

Influence of early or late dietary restriction on life span and immunological parameters in MRL/Mp-lpr/lpr mice. Kubo C, et al. **Proc Natl Acad Sci USA** 1984 Sep; 81(18):5831-5

Effect of diet restriction on 24-hr urinary C-peptide excretion in non-insulin-dependent non-obese diabetic subjects. Oshima Y. **Tohoku J Exp Med** 1985 Mar; 145(3):329-33

[Thyroid hormones during a hypocaloric diet in obese patients] Moinade S, et al. **Pathol Biol (Paris)** 1985 Jan; 33(1):27-33 (Eng. Abstr.) (Fre)

[Hypocaloric and high-protein diet in obese patients: changes in the lean mass] Lamisse F, et al. **Rev Med Interne** 1984 Sep;5(3):191-9 (Eng. Abstr.) (Fre)

[Effect of the PSMF diet on plasma lipids and lipoproteins in obese subjects] Petrillo A, et al. **Schweiz Med Wochenschr** 1984 Dec 8;114(49):1837-41 (Eng. Abstr.) (Fre)

[Weight reduction on a commercially available minimal diet. Results of replacing 1 meal per day] Sailer D, et al. **Fortschr Med** 1984 Sep 20;102(35):879-81 (Eng. Abstr.) (Ger)

[Ultrastructure of fat cells of obese patients with diabetes mellitus before and after treatment with a reducing diet] Krustev LP, et al. **Nahrung** 1985;29(5):455-7 (Eng. Abstr.) (Ger)

[Obesity therapy—sensible after care of patients following treatment using a nutrition counseling system] Schröder EM. **Off Gesundheitswes** 1985 Apr;47(4):151-3 (Ger)

[Long-term effects of attribution therapy of obese patients: effects of attribution training on successful weight reduction and the dropout rate in a 23-week weight reduction program] Haisch J, et al. **Psychother Psychosom Med Psychol** 1985 May;35(5):133- (Eng. Abstr.) (Ger)

[Ambulatory weight reduction program and possible effects on lipid and purine metabolism] Hugk D, et al. **Z Gesamte Inn Med** 1985 Feb 15;40(4):126-9 (Eng. Abstr.) (Ger)

[Changes in noninvasive cardiovascular parameters by inpatient weight reduction] Kinner B, et al. **Z Gesamte Inn Med** 1985 Jun 15;40(12):369-72 (Eng. Abstr.) (Ger)

[Changes in body composition in obese patients on a low-calorie diet] Capani F, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):441-4 (Eng. Abstr.) (Ita)

[Modifications in the oscillation of substrates in obese subjects subjected to variations in the pattern of meal-timing] Del Ponte A, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30; 60(11):2099-104 (Eng. Abstr.) (Ita)

[Effects of rigid dietary restrictions on the control of blood sugar in obese type II diabetic patients] La Nave G, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2267-71 (Eng. Abstr.) (Ita)

[Effect of metformin on glucose tolerance and insulin binding in semistarved obese women] Zancanaro C, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):297-301 (Eng. Abstr.) (Ita)

[Ambulatory treatment of obesity with modified fasting (Modifast)] Gatti E, et al. **Minerva Med** 1984 Jul 31; 75(30-31):1771-80 (Eng. Abstr.) (Ita)

[Evaluation of the effect of extremely low-calorie diets on obese patients] Beiul EA, et al. **Vopr Pitan** 1984 Sep-Oct; (5):15-8 (Eng. Abstr.) (Rus)

[Effect of different dietary programs on serum monoamine oxidase activity in patients with obesity] Belinskii VP. **Vopr Pitan** 1984 Nov-Dec;(6):26-8 (Eng. Abstr.) (Rus)

[Treatment of patients with chronic obstructive bronchitis and concomitant obesity with a hyposensitizing reducing diet] Butenko GE, et al. **Vopr Pitan** 1985 Jan-Feb;(1):15-8 (Rus)

[Effect of diet therapy on indicators of lipid metabolism in obese children] Kniazev IuA, et al. **Vopr Pitan** 1985 Mar-Apr;(2):23-6 (Eng. Abstr.) (Rus)

[Effectiveness of complex sanatorium-health resort treatment of obesity including reducing diet] Zolotareva-Andreeva NA. **Vopr Pitan** 1985 Mar-Apr;(2):72-3 (Rus)

ADVERSE EFFECTS

The hazards of very-low-calorie dieting [letter] Roberts HJ. **Am J Clin Nutr** 1985 Jan;41(1):171-2

Cardiac dysfunction in obese dieters [letter] Shapiro EA, et al. **Am J Clin Nutr** 1984 Dec;40(6):1304-6

Changes in height velocity of obese preadolescents during weight reduction. Dietz WH Jr, et al. **Am J Dis Child** 1985 Jul;139(7):705-7

Caution: very-low-calorie diets can be deadly. Moss AJ. **Ann Intern Med** 1985 Jan;102(1):121-3

Cardiac complications of intensive dieting and eating disorders. Arik TH, et al. **Ariz Med** 1985 Feb;42(2):72-4

Fad reducing diets: separating fads from facts. Blackburn GL, et al. **Bol Asoc Med PR** 1984 Aug;76(8):349-51

Peroneal neuropathy during weight reduction [letter] Harrison MJ. **J Neurol Neurosurg Psychiatry** 1984 Nov; 47(11):1260

The risks of excessive water drinking in epileptic patients [letter] White JC. **N Engl J Med** 1985 Jan 24;312(4):246-7

Ventricular arrhythmias complicating weight reduction therapy in a patient with a prolonged QT interval. O'Keefe JC, et al. **Postgrad Med J** 1985 May;61(715):419-21

[Perforated gastric ulcer during a slimming regime] Olesen J, et al. **Ugeskr Laeger** 1985 Feb 25;147(9):796-7 (Eng. Abstr.) (Dan)

PSYCHOLOGY

Dieting in teenage schoolgirls. A longitudinal prospective study. Schleimer K. **Acta Paediatr Scand [Suppl]** 198 312:1-54

Errors in food recording and calorie estimation: clinical and theoretical implications for obesity. Zegman MA. **Addict Behav** 1984;9(4):347-50

Mood and appetite during minimal-carbohydrate and carbohydrate-supplemented hypocaloric diets. Rosen JC, et al. **Am J Clin Nutr** 1985 Sep;42(3):371-9

Dieting and binging. A causal analysis. Polivy J, et al. **Am Psychol** 1985 Feb;40(2):193-201

The three-factor eating questionnaire to measure dietary restraint, disinhibition and hunger. Stunkard AJ, et al. **J Psychosom Res** 1985;29(1):71-83

Prediction of successful weight management from personality and demographic data. Bolocofsky DN, et al. **Psychol Rep** 1984 Dec;55(3):795-802

DIET, SODIUM-RESTRICTED

Value of overnight urines in the follow-up of people wi borderline hypertensive trying to reduce their salt intak

Tuomilehto J, et al. **Acta Cardiol (Brux)** 1985;40(3):325–8

Effect of a moderately energy– and salt–reduced diet on body compartments and blood pressure control in obese men with mild hypertension. Fagerberg B, et al. **Acta Med Scand** 1984;216(4):353–9

Comparison of the effects of diuretic therapy and low sodium intake in isolated systolic hypertension. Niarchos AP, et al. **Am J Med** 1984 Dec;77(6):1061–8

Amiloride–sensitive salt and fluid absorption in small intestine of sodium–depleted rats. Will PC, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G133–41

Is low salt dietary advice a useful therapy in hypertensive patients with poorly controlled blood pressure? Bulpitt CJ, et al. **Ann Clin Res** 1984;16 Suppl 43:143–9

Salt restriction in hypertensive patients [letter] Cohen SJ. **Arch Intern Med** 1985 Jan;145(1):179

Influence of home monitoring on compliance with a reduced sodium intake diet. Luft FC, et al. **Arch Intern Med** 1984 Oct;144(10):1963–5

Effect of low sodium diet on the facilitatory effect of angiotensin on 3H–norepinephrine release in the rat portal vein. Westfall TC, et al. **Blood Vessels** 1985;22(1):13–24

Dietary salt and hypertension: treatment and prevention [editorial] Boon NA, et al. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):949–50

Beta blockade, diuretics, and salt restriction for the management of mild hypertension [letter] McInnes GT. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):1003

Moderate potassium chloride supplementation in essential hypertension: is it additive to moderate sodium restriction? Smith SJ, et al. **Br Med J [Clin Res]** 1985 Jan 12; 290(6462):110–3

Sodium restriction amplifies and propranolol loading inhibits circadian rhythm of plasma renin–angiotensin and aldosterone. Cugini P, et al. **Chronobiologia** 1985 Apr–Jun; 12(2):155–65

Transient enhancement of sympathetic nervous system activity by long–term restriction of sodium intake. Volpe M, et al. **Circulation** 1985 Jul;72(1):47–52

Low sodium diet augments plasma and tissue catecholamine levels in pithed rats. Kaufman LJ, et al. **Clin Exp Hypertens [A]** 1984;6(9):1543–58

Adjunctive effect of salt restriction on antihypertensive efficacy. Gillies AH, et al. **Clin Exp Pharmacol Physiol** 1984 Jul–Aug;11(4):395–8

A comparison of the haemodynamic effects of dietary sodium restriction and acute sodium depletion in the conscious sheep. Mason RT, et al. **Clin Exp Pharmacol Physiol** 1984 Sep–Oct;11(5):527–32

Moderate sodium restriction and potassium supplementation in essential hypertension. Richards AM, et al. **Clin Exp Pharmacol Physiol** 1984 Jul–Aug;11(4):375–9

Sodium restriction in hypertension. Langford HG, et al. **Compr Ther** 1984 Sep;10(9):6–11

Comparison of the hypotensive and metabolic effects of metoprolol therapy with a high fibre, low sodium, low fat diet in hypertensive type 2 diabetic subjects. Pacy PJ, et al. **Diabetes Res** 1984 Nov;1(4):201–7

A controlled trial of a high fibre, low fat and low sodium diet for mild hypertension in Type 2 (non–insulin–dependent) diabetic patients. Dodson PM, et al. **Diabetologia** 1984 Nov;27(5):522–6

Long–term follow–up of the treatment of essential hypertension with a high–fibre, low–fat and low–sodium dietary regimen. Dodson PM, et al. **Hum Nutr Clin Nutr** 1985 May;39(3):213–20

Importance of dietary salt in the hemodynamic adjustment to weight reduction in obese hypertensive men. Andersson OK, et al. **Hypertension** 1984 Nov–Dec;6(6 Pt 1):814–9

Effect of dietary sodium reduction on red blood cell sodium concentration and sodium–lithium countertransport. Cooper R, et al. **Hypertension** 1984 Sep–Oct;6(5):731–5

Left ventricular mass reduction during salt depletion in arterial hypertension. Ferrara LA, et al. **Hypertension** 1984 Sep–Oct;6(5):755–9

Reduction of dietary sodium in Western Society. Benefit or risk? Nicholls MG. **Hypertension** 1984 Nov–Dec;6(6 Pt 1):795–801

Endogenous angiotensin–aldosterone–pressure relationships during sodium restriction. Richards AM, et al. **Hypertension** 1985 Sep–Oct;7(5):681–7

Being sensible about salt. From the National Institute on Aging, Food and Drug Administration. **Indiana Med** 1984 Oct;77(10):790

Effects of moderate salt restriction in hypertensive patients treated with oxprenolol or chlorthalidone. Pollavini G, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Aug;22(8):451–5

The effect of chloride–containing potassium supplements on chloride titrator estimates of dietary sodium intake. Luft FC, et al. **J Am Coll Nutr** 1985;4(2):233–9

Dietary counseling results in effective dietary sodium restriction. Lang CL, et al. **J Am Diet Assoc** 1985 Apr; 85(4):477–9

Taste responses to saltiness among hypertensive subjects under different therapeutic regimens. Little AC, et al. **J Am Diet Assoc** 1985 May;85(5):557–63

Salt substitutes and medicinal potassium sources: risks and benefits. Riccardella D, et al. **J Am Diet Assoc** 1985 Apr; 85(4):471–4

Effective dietary intervention in hypertensives: sodium restriction and weight reduction. Wassertheil–Smoller S, et al. **J Am Diet Assoc** 1985 Apr;85(4):423–30

Dietary sodium reduction among students: feasibility and acceptance. Witschi JC, et al. **J Am Diet Assoc** 1985 Jul; 85(7):816–21

Chronic low–sodium diet in rats: responses to severe heat exposure. Francesconi RP, et al. **J Appl Physiol** 1985 Jan; 58(1):152–6

Angiotensin facilitation of noradrenergic neurotransmission in central tissues of the rat: effects of sodium restriction. Meldrum MJ, et al. **J Cardiovasc Pharmacol** 1984 Nov–Dec; 6(6):989–95

Liver angiotensin II receptors in the rat: binding properties and regulation by dietary Na+ and angiotensin II. Sernia C, et al. **J Endocrinol** 1985 Jul;106(1):103–11

Sodium restriction lowers high blood pressure through a decreased response of the renin system—direct evidence using saralasin. Cappuccio FP, et al. **J Hypertens** 1985 Jun; 3(3):243–7

A randomized trial on the effect of decreased dietary sodium intake on blood pressure in adolescents. Cooper R, et al. **J Hypertens** 1984 Aug;2(4):361–6

Effect of dietary sodium on angiotensin–converting enzyme (ACE) inhibition and the acute hypotensive effect of enalapril (MK–421) in essential hypertension. Jackson B, et al. **J Hypertens** 1984 Aug;2(4):371–7

Handling of a salt load by hypertensive and normotensive rats on normal and low intakes of sodium. Ledingham JM, et al. **J Hypertens** 1984 Apr;2(2):163–70

Comparison of the hypotensive and metabolic effects of bendrofluazide therapy and a high fibre, low fat, low sodium diet in diabetic subjects with mild hypertension. Pacy PJ, et al. **J Hypertens** 1984 Apr;2(2):215–20

Effects of prostaglandin synthesis inhibition on blood pressure and humoral factors in exercising, sodium–deplete normal man. Staessen J, et al. **J Hypertens** 1983 Aug; 1(2):123–30

An impedance cardiographic study of the mechanism of blood pressure fall after moderate dietary sodium restriction. Koga Y, et al. **Jpn Heart J** 1985 Mar; 26(2):197–207

Acute and chronic hemodynamic effects of the basic therapeutic regimen for congestive heart failure. Diuretics, low salt diet and bed rest. Nishijima H, et al. **Jpn Heart J** 1984 Jul;25(4):571–85

Hypotensive and uric acid–retaining effects of trichlormethiazide under dietary sodium restriction in spontaneously hypertensive rats. Iwaki K, et al. **Jpn J Pharmacol** 1984 Nov;36(3):301–9

Effect of salt depletion on sodium ion transport from human erythrocytes. Krzesinski JM, et al. **Klin Wochenschr** 1985; 63 Suppl 3:45–8

Effects of varying salt diets and of ouabain on cardiovascular neuroeffector characteristics and on myogenic resistance vessel activity in SHR and WKY. Nilsson H, et al. **Klin Wochenschr** 1985;63 Suppl 3:86–90

The effect of dietary sodium restriction on leucocyte sodium transport in normotensive subjects and in patients with essential hypertension. Poston L, et al. **Klin Wochenschr** 1985;63 Suppl 3:136–8

Salt [letter] **Lancet** 1984 Oct 13;2(8407):877–8

Biological action and binding sites for vasopressin on the mesenteric artery from normal and sodium–depleted rats. St–Louis J, et al. **Life Sci** 1984 Oct 1;35(14):1489–95

Achieving compliance to a reduced sodium diet. Sloan RS. **Nurse Pract** 1985 Feb;10(2):24, 26

Proximal tubular transport and urinary excretion of sodium after renal denervation in sodium depleted rats. Szénási G, et al. **Pflugers Arch** 1985 Feb;403(2):146–50

Step–down therapy for hypertension. Effect of weight reduction and sodium restriction on success. Langford HG. **Postgrad Med** 1985 May 15;77(7):100–5, 108–10

Effectiveness of low sodium diets for recycling of egg production type hens. Naber EC, et al. **Poult Sci** 1984 Dec; 63(12):2419–29

A comparison of the effect of two force molting methods on performance of two commercial strains of laying hens. Said NW, et al. **Poult Sci** 1984 Dec;63(12):2399–403

Dietary approaches to the reduction of blood pressure: the independence of weight and sodium/potassium interventions. Wing RR, et al. **Prev Med** 1984 May; 13(3):233–44

Should dietary sodium be reduced? The sceptics' position. Brown JJ, et al. **Q J Med** 1984 Autumn;53(212):427–37 (69 ref.)

Changes in salt intake alter the release of multiple renin species in a nonuniform manner. Katz SA, et al. **Renal Physiol** 1984;7(5):275–82

Further characterization of the endogenous natriuretic and digoxin–like immunoreacting activities in human urine: effects of changes in sodium intake. Kramer HJ, et al. **Renal Physiol** 1985;8(2):80–9

Angiotensin II analogue infusion test in renovascular hypertension under low sodium intake and under spironolactone administration: is angiotensin II analogue infusion test useful in determining the mode of treatment? Ogawa K, et al. **Tohoku J Exp Med** 1984 Jul;143(3):327–33

Return of hypertension after withdrawal of prolonged antihypertensive therapy, effect of weight loss, sodium reduction, and baseline factors. Langford HG, et al. **Trans Assoc Am Physicians** 1984;97:190–6

[Renal adaptation to a restriction of sodium intake in the rat: effects of inhibition of the renin–angiotensin system] Jover B, et al. **Arch Mal Coeur** 1984 Oct;77(11):1234–7 (Eng. Abstr.) (Fre)

[Is a low–sodium diet necessary in patients with ascites?] Arroyo V, et al. **Presse Med** 1985 Feb 2;14(4):195–6 (Fre)

[Effect of high and low salt intakes on norepinephrine concentrations in cerebrospinal fluid in patients with essential hypertension] Gotoh E, et al. **Nippon Naika Gakkai Zasshi** 1984 Jun;73(6):801–6 (Jpn)

[Sodium and proteins in diet therapy of hypertension] Yamori Y. **Nippon Rinsho** 1985 May;43(5):1031–6 (Jpn)

[Diet therapy of patients with chronic renal failure in its initial stage] Agadzhanov SA. **Vopr Pitan** 1984 Nov–Dec; (6):28–31 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

Iodide excretion in a salt–restriction trial. Simpson FO, et al. **NZ Med J** 1984 Dec 26;97(770):890–3

DIET SURVEYS see under **NUTRITION SURVEYS**

DIET, SYNTHETIC see **FOOD, FORMULATED**

DIET THERAPY

Occult blood testing using tetramethylbenzidine in an extraction procedure for patients on unrestricted diets. Zierdt WS, et al. **Am J Clin Pathol** 1985 Apr;83(4):486–8

Principal aspects of clinical nutrition. 20th symposium of the Group of European Nutritionists. Baden/bei Wien, September 22–24, 1983. **Bibl Nutr Dieta** 1985;(35):1–131

The preparation and use of guar bread in diet therapy. Hill MA, et al. **Hum Nutr Appl Nutr** 1984 Jun;38(3):227–8

[Diet therapy and health education regarding specific medical disorders] Snapir Y, et al. **Harefuah** 1984 Oct; 107(7–8):199–201 (Eng. Abstr.) (Heb)

ECONOMICS

[Nutrition therapy: is diet more expensive than normal nutrition?] Schlierf G, et al. **Off Gesundheitswes** 1984 Sep; 46(9):459–62 (Ger)

HISTORY

[Organization of diet therapy and vitamin therapy in evacuation hospitals in the Chuvash ASSR] Alekseev GA. **Vopr Pitan** 1985 Mar–Apr;(2):15–8 (Rus)

DIETARY CALCIUM see **CALCIUM, DIETARY**

DIETARY CARBOHYDRATES

Changes in serum apolipoprotein B concentration after oral glucose or intramuscular insulin. Mondola P, et al. **Acta Diabetol Lat** 1984 Jul–Sep;21(3):235–40

Factors affecting the rate of hydrolysis of starch in legumes. Wong S, et al. **Am J Clin Nutr** 1985 Jul;42(1):38–43

A role for vagus nerve in regulation of protein and carbohydrate intake. Li ET, et al. **Am J Physiol** 1984 Dec; 247(6 Pt 1):E815–21

Possibilities of enriching sugar with micronutrients in Mexico. Chávez A, et al. **Int Z Vitam Ernahrungsforsch [Beih]** 1985;27:85–103

Calorie source, calorie restriction, immunity and aging of (NZB/NZW)F1 mice. Kubo C, et al. **J Nutr** 1984 Oct; 114(10):1884–99

Dietary regulation of protein synthesis in the exocrine pancreas. Lahaie RG. **J Pediatr Gastroenterol Nutr** 1984; 3 Suppl 1:S43–50 (51 ref.)

Consumption of betel nut and its possible contribution to protein and energy intakes. Weegels P, et al. **Papua New Guinea Med J** 1984 Mar;27(1):37–9

Palatability of sucrose before and after glucose ingestion in dieters and nondieters. Esses VM, et al. **Physiol Behav** 1984 May;32(5):711–5

[Evaluation of nutritional intake of proteins, lipids and carbohydrates by the adult population resident in Geneva] Morabia A, et al. **Soz Praventivmed** 1984;29(4–5):215–7 (Eng. Abstr.) (Fre)

ADMINISTRATION & DOSAGE

Leg citrate metabolism at rest and during exercise in relation to diet and substrate utilization in man. Jansson E, et al. **Acta Physiol Scand** 1984 Oct;122(2):145–53

Contribution of 500 g naturally labeled 13C dextrin maltose to total carbohydrate utilization and the effect of the antecedent diet, in man. Acheson KJ, et al. **Am J Clin Nutr** 1985 May;41(5):881–90

The effects of subject–selected high carbohydrate, low fat diets on glycemic control in insulin dependent diabetes mellitus. Hollenbeck CB, et al. **Am J Clin Nutr** 1985 Feb; 41(2):293–8

Glycemic responses to foods: possible differences between insulin–dependent and noninsulin–dependent diabetics. Jenkins DJ, et al. **Am J Clin Nutr** 1984 Nov;40(5):971–81

The relationship between glycemic response, digestibility, and factors influencing the dietary habits of diabetics. Jenkins DJ, et al. **Am J Clin Nutr** 1984 Dec;40(6):1175–91

Mood and appetite during minimal–carbohydrate and carbohydrate–supplemented hypocaloric diets. Rosen JC, et al. **Am J Clin Nutr** 1985 Sep;42(3):371–9

Graded sucrose/carbohydrate diets in overtly hypertriglyceridemic diabetic patients. Jellish WS, et al.

Am J Med 1984 Dec;77(6):1015–22

Pre-exercise snacks in diabetes mellitus [letter] Lowrey CH. **Ann Intern Med** 1985 Sep;103(3):476–7

Neurotransmitter control of carbohydrate consumption. Wurtman JJ. **Ann NY Acad Sci** 1985;443:145–51

The effect of major thermal injury and carbohydrate-free intake on serum triglycerides, insulin, and 3-methylhistidine excretion. Grecos GP, et al. **Ann Surg** 1984 Nov; 200(5):632–7

Simple versus complex carbohydrate use in the diabetic diet. Crapo PA. **Annu Rev Nutr** 1985;5:95–114 (81 ref.)

Carbohydrate's effect on hunger and obesity: commentary on Geiselman and Novin (1982). Geary N. **Appetite** 1985 Mar;6(1):60–3

Appetite, hunger and obesity as a function of dietary sugar intake: can these effects be mediated by insulin-induced hypoglycemia? A reply to commentaries. Geiselman PJ. **Appetite** 1985 Mar;6(1):64–79

The use and the attributions of some sweet foods. Prättälä R, et al. **Appetite** 1984 Sep;5(3):199–207

The effects of moderate protein or energy supplements on subsequent nutrient intake in man. Stockley L, et al. **Appetite** 1984 Sep;5(3):209–19

Carbohydrate ingestion, hypoglycemia, and obesity. Vasselli JR. **Appetite** 1985 Mar;6(1):53–9

The association between dietary sucrose consumption and microbial population shifts at six oral sites in man. Minah GE, et al. **Arch Oral Biol** 1985;30(5):397–401

Improved glucose tolerance in gestational diabetic women on a low fat, high unrefined carbohydrate diet. Nolan CJ. **Aust NZ J Obstet Gynaecol** 1984 Aug;24(3):174–7

'Weaning without sugar' [letter] Hine J. **Br Dent J** 1984 Nov 24;157(10):342

End of static decade for coronary disease? [letter] Cannon G. **Br Med J [Clin Res]** 1984 Sep 29;289(6448):833–4

Smoking, sugar, and inflammatory bowel disease. Thornton JR, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1786–7

Noradrenergic innervation of the paraventricular nucleus: specific role in control of carbohydrate ingestion. Leibowitz SF, et al. **Brain Res Bull** 1985 Jun;14(6):561–7

Dental caries, sucrose intake and oral hygiene in 5-year-old South African Indian children. Cleaton-Jones P, et al. **Caries Res** 1984;18(5):472–7

Eating pattern of Osborne-Mendel rats on a sucrose diet and a sucrose/xylitol diet. Havenaar R, et al. **Caries Res** 1984; 18(6):536–9

Dental caries and sucrose intake in five South African preschool groups. Cleaton-Jones P, et al. **Community Dent Oral Epidemiol** 1984 Dec;12(6):381–5

The effect of diet on inherited retinal dystrophy in the rat. Pautler EL, et al. **Curr Eye Res** 1984 Oct;3(10):1221–4

High-carbohydrate, low-fat diet: effect on lipid and carbohydrate metabolism, GIP and insulin secretion in diabetics. Sestoft L, et al. **Dan Med Bull** 1985 Mar; 32(1):64–9

Insulin receptor binding on red cells of hypertriglyceridemic patients. Effect of a low fat, low carbohydrate diet. Cordera R, et al. **Diabete Metab** 1985 Jun;11(3):137–40

The effects of sucrose, fructose, and high-fructose corn syrup meals on plasma glucose and insulin in non-insulin-dependent diabetic subjects. Akgün S, et al. **Diabetes Care** 1985 May-Jun;8(3):279–83

Effect of a sorbitol-rich diet on plasma and erythrocyte sorbitol concentrations in normal and diabetic subjects. Malaisse-Lagae F, et al. **Diabetes Res** 1984 Nov;1(4):209–11

Effect of a high fibre, high carbohydrate dietary regimen on serum lipids and lipoproteins in type II hypertensive diabetic patients. Pacy PJ, et al. **Diabetes Res** 1984 Sep; 1(3):159–63

Effects of a fructose-rich diet and the aldose reductase inhibitor, ONO-2235, on the development of diabetic neuropathy in streptozotocin-treated rats. Hotta N, et al. **Diabetologia** 1985 Mar;28(3):176–80

A prospective comparison of 'conventional' and high carbohydrate/high fibre/low fat diets in adults with established type 1 (insulin-dependent) diabetes. McCulloch DK, et al. **Diabetologia** 1985 Apr;28(4):208–12

The effect of a glucose polymer mixture (caloreen) on stool composition in normal neonates. Russell G, et al. **Eur J Pediatr** 1984 Nov;143(1):32–4

Dietary induced increase of lactase activity in adult rats is independent of adrenals. Goda T, et al. **Experientia** 1984 Nov 15;40(11):1287–8

Carbohydrate nutrition before, during, and after exercise. Costill DL. **Fed Proc** 1985 Feb;44(2):364–8

Effect of fat and carbohydrate composition on the gastric emptying of isocaloric feedings in premature infants. Siegel M, et al. **Gastroenterology** 1985 Oct;89(4):785–90

High carbohydrate diet in the management of non-obese non-insulin-dependent Nigerian diabetics. Oli JM, et al. **Hum Nutr Appl Nutr** 1984 Dec;38(6):479–86

Fluoride in sugar. Luoma H. **Int Dent J** 1985 Mar;35(1):43–9

Adherence to high-carbohydrate, high-fiber diets: long-term studies of non-obese diabetic men. Story L, et al. **J Am Diet Assoc** 1985 Sep;85(9):1105–10

Nutritional regulation of the synthesis and degradation of malic enzyme messenger RNA in duck liver. Goldman MJ, et al. **J Biol Chem** 1985 Apr 10;260(7):4404–8

Growth, health, and blood glucose concentrations of calves fed high-glucose or high-fat milk replacers. Wijayasinghe MS, et al. **J Dairy Sci** 1984 Dec;67(12):2949–56

Gluconeogenesis from dihydroxyacetone in rat hepatocytes during the shift from a low protein, high carbohydrate to a high protein, carbohydrate-free diet. Azzout B, et al. **J Nutr** 1984 Nov;114(11):2167–78

Effects of diets deficient in glucose and glucose precursors on the growth of the Walker carcinosarcoma 256 in rats. Dills WL Jr, et al. **J Nutr** 1984 Nov;114(11):2097–106

A supplementary feeding programme for the management of severe and moderate malnutrition outside hospital. Gueri M, et al. **J Trop Pediatr** 1985 Apr;31(2):101–8

Treatment of insulin reactions in diabetics. Brodows RG, et al. **JAMA** 1984 Dec 28;252(24):3378–81

Effect of a high-protein-low-carbohydrate diet on toxicity and antitumor activity of 5-fluorouracil in mice. Flanigen-Roat DT, et al. **JNCI** 1985 Mar;74(3):705–10

Total parenteral nutrition with different ratios of fat/carbohydrate at two energy levels: an animal study. Martins FM, et al. **JPEN** 1985 Jan-Feb;9(1):47–52

Beneficial effects of fasting and low carbohydrate diet in D-lactic acidosis associated with short-bowel syndrome. Ramakrishnan T, et al. **JPEN J Parenter Enteral Nutr** 1985 May-Jun;9(3):361–3

Fructose and misleading glycosylation data [letter] Burden AC. **Lancet** 1984 Oct 27;2(8409):986

Less sugar and fat: a return of malnutrition [letter] Francis DE, et al. **Lancet** 1985 Aug 24;2(8452):452–3

A possible explanation of the effects of dietary lactose concentration during recovery of protein depletion in growing rats. Felipoff AL, et al. **Med Hypotheses** 1985 Feb;16(2):165–70

Effects of normoglycemia after a low carbohydrate diet in NIDDM. Insulin secretion and effectiveness. Viviani GL, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):229–32

Glycaemic effect of mono-, di- and polysaccharides in a mixed meal in diabetic patients. Erkelens DW, et al. **Neth J Med** 1985;28(4):157–63

Effects of diet and antimicrobials on growth, feed efficiency, intestinal Clostridium perfringens, and ileal weight of broiler chicks. Stutz MW, et al. **Poult Sci** 1984 Oct; 63(10):2036–42

Energy intake can determine albumin synthesis in man after surgery. Skillman JJ, et al. **Surgery** 1985 Mar;97(3):271–7

Twenty-four-hour pattern of blood hormone and metabolite concentrations in high-yielding dairy cows: effects of feeding low or high amounts of starch, or crystalline fat. Blum JW, et al. **Zentralbl Veterinarmed [A]** 1985 Jun; 32(6):401–18

[Effect of a carbohydrate diet on the physical fitness and metabolism regulation in highly trained marathon runners] Doreste J, et al. **Schweiz Z Sportmed** 1985 Jun;33(2):47–52 (Eng. Abstr.) **(Ger)**

[Bacteriological characterization of gingivitis-inducing plaque depending on different sugar levels of the diet] Pfister W, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug;257(3):364–71 (Eng. Abstr.) **(Ger)**

[Diet and metabolic control in diabetes mellitus. Influence of carbohydrates and dietary fiber] Tornaghi G, et al. **Minerva Dietol Gastroenterol** 1984 Jul-Sep;30(3):239–43 (Eng. Abstr.) **(Ita)**

[Diet of the insulin-dependent diabetic: different roles of carbohydrates and lipids] Santoro D, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):313–5 (Eng. Abstr.) **(Ita)**

[Effect of pectins on glucose tolerance and insulinemia (IRI) in patients with diabetes mellitus type 2 associated with obesity] Górnicka M, et al. **Pol Tyg Lek** 1984 Apr 30; 39(18):593–5 **(Pol)**

[Determining the effect of a pectin-enriched standard diabetic diet on diurnal blood glucose profiles and serum insulin (IRI) levels in diabetes mellitus type 2] Górnicka M, et al. **Pol Tyg Lek** 1984 Apr 30;39(18):597–601 **(Pol)**

[Turnover of the amino sugars of erythrocyte and thrombocyte glycoproteins in rats maintained on different carbohydrate diets] Gapparov MM, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):21–3 (Eng. Abstr.) **(Rus)**

[Comparative study of drug and dietary correction of dyslipoproteinemias among the population] Khaltaev NG, et al. **Kardiologiia** 1984 Nov;24(11):15–20 (Eng. Abstr.) **(Rus)**

[Sympathetic-adrenal system activity and the urinary 17-ketosteroids in excess consumption of easily assimilated carbohydrates] Abdukalykov EA, et al. **Lab Delo** 1984; (8):483–5 **(Rus)**

[Diet therapy of patients with chronic renal failure in its initial stage] Agadzhanov SA. **Vopr Pitan** 1984 Nov-Dec; (6):28–31 (Eng. Abstr.) **(Rus)**

[Health status indicators in elderly persons receiving various amounts of carbohydrates in their food] Grigorow IuG, et al. **Vopr Pitan** 1985 Mar-Apr;(2):26–30 (Eng. Abstr.) **(Rus)**

[Effect of diet therapy on indicators of lipid metabolism in obese children] Kniazev IuA, et al. **Vopr Pitan** 1985 Mar-Apr;(2):23–6 (Eng. Abstr.) **(Rus)**

[Endogenous nitrogen losses in rats fed by intravenous and enteral routes] Poriadkov LF, et al. **Vopr Pitan** 1984 Jul-Aug;(4):33–6 (Eng. Abstr.) **(Rus)**

[Changes in various indicators of orthostatic stability in humans on long-term low-caloric diets] Tsyganov EP, et al. **Vopr Pitan** 1984 Nov-Dec;(6):31–3 (Eng. Abstr.) **(Rus)**

[Diets with a high carbohydrate content and with fiber supplements in diabetes mellitus. I. Effect on blood sugar control] Calle Pascual AL, et al. **Med Clin (Barc)** 1984 Sep 15;83(7):271–5 (Eng. Abstr.) **(Spa)**

[Diets with a high carbohydrate content and fiber supplements in diabetes mellitus (II). Effect on lipid metabolism] Calle Pascual AL, et al. **Med Clin (Barc)** 1984 Sep 22;83(8):321–5 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Diet-dependent hyperplastic growth of adipose tissue in hypothalamic obese rats. Faust IM, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R1038–46

Interaction of aspartame and carbohydrates in an eating-disordered patient [letter] Ferguson JM. **Am J Psychiatry** 1985 Feb;142(2):271

End of static decade for coronary heart disease? [letter] **Br Med J [Clin Res]** 1984 Nov 24;289(6456):1455

Effects of a high-sucrose diet on the development of enzyme-altered foci in chemical hepatocarcinogenesis in rats. Hei TK, et al. **Cancer Res** 1985 Jun;45(6):2700–5

Hepatic steatosis in rats fed diets with varying concentrations of sucrose. Bacon BR, et al. **Fundam Appl Toxicol** 1984 Oct;4(5):819–26

Sugar intolerance in acute gastroenteritis in infancy and childhood. Srivastava VK, et al. **Indian Pediatr** 1984 Jun; 21(6):485–9

Excess glucose intake induces accelerated beta-cell polyploidization in normal mice: a possible deleterious effect. White JW, et al. **J Nutr** 1985 Feb;115(2):271–8

Precocious increase of sucrase activity by carbohydrates in the small intestine of suckling rats. I. Significance of the stress effect of sugar-induced diarrhea. Goda T, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):468–75

Sugar for debate [letter] **Lancet** 1985 Mar 30;1(8431):759–60

[Comparative study of the plaque-forming potential of various foods] Schuder L, et al. **Fogorv Sz** 1985 Jan; 78(1):12–5 **(Hun)**

ANALYSIS

[Effects of various methods on the determination of dietary fiber and available carbohydrates on the calculation of the energy content of bread] Wisker E, et al. **Z Lebensm Unters Forsch** 1984 Oct;179(4):333–40 (Eng. Abstr.) **(Ger)**

METABOLISM

Absorption of starch by healthy ileostomates: effect of transit time and of carbohydrate load. Chapman RW, et al. **Am J Clin Nutr** 1985 Jun;41(6):1244–8

Hydrogen gas excretion after sucrose gavage in the fasted rat. Griffin GC, et al. **Am J Clin Nutr** 1984 Oct;40(4):758–62

Optimum effectiveness of intestinal alpha-glucosidase inhibitors: importance of uniform distribution through a meal. O'Dea K, et al. **Am J Clin Nutr** 1985 Mar;41(3):511–6

Effects of a high-complex-carbohydrate, low-fat, low-cholesterol diet on levels of serum lipids and estradiol. Rosenthal MB, et al. **Am J Med** 1985 Jan;78(1):23–7

What transport adaptations enable mammals to absorb sugars and amino acids faster than reptiles? Karasov WH, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G271–83

Vasopressin effects on food-rewarded learning tasks might be due to its action on carbohydrate/lipid metabolism, not memory. Crine AF. **Appetite** 1984 Sep;5(3):233–8

Finding of a galactose-oxidation-product in lens of galactose-fed guinea pig. Wada E, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):643–8

Metoclopramide reduces carbohydrate absorption in man. Holgate AM, et al. **Br J Clin Pharmacol** 1985 Jan; 19(1):67–72

Fasting breath hydrogen concentration: normal values and clinical application. Perman JA, et al. **Gastroenterology** 1984 Dec;87(6):1358–63

Interpretation of the breath hydrogen profile obtained after ingesting a solid meal containing unabsorbable carbohydrate. Read NW, et al. **Gut** 1985 Aug;26(8):834–42

Effect of dietary carbohydrate on cholesterol lowering action of blackgram fiber. Thomas M, et al. **Indian J Biochem Biophys** 1984 Apr;21(2):148–50

d-Fenfluramine selectively decreases carbohydrate but not protein intake in obese subjects. Wurtman JJ, et al. **Int J Obes** 1984;8 Suppl 1:79–84

Effects of muscle CHO-loading manipulations on hormonal responses during prolonged exercise. Lavoie JM, et al. **Int J Sports Med** 1985 Apr;6(2):95–9

Substrate usage during prolonged exercise following a preexercise meal. Coyle EF, et al. **J Appl Physiol** 1985 Aug;59(2):429–33

Digestion and absorption of carbohydrates in fowl and events through perinatal development. Moran ET Jr. **J Nutr** 1985 May;115(5):665–74 (62 ref.)

Precocious increase of sucrase activity by carbohydrates in the small intestine of suckling rats. II. Role of digestibility of sugars, osmolality, and stomach evacuation in producing diarrhea. Goda T, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):634–8

Severe retinopathy and mild carbohydrate intolerance: possible role of insulin deficiency and elevated circulating growth hormone. Barnes AJ, et al. **Lancet** 1985 Jun 29; 1(8444):1465–8

The thermic effect of carbohydrate versus fat feeding in man. Schwartz RS, et al. **Metabolism** 1985 Mar;34(3):285–93

Development of carbohydrate absorption in the fetus and neonate. Mobassaleh M, et al. **Pediatrics** 1985 Jan;75(1 Pt 2):160-6

The anorectic effect of satietin is unrelated to carbohydrate metabolism. Gyarmati S, et al. **Physiol Behav** 1985 Feb; 34(2):167-70

Efficiency of utilization of various sources of energy for growth. Donato K, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4866-70

Carbohydrate malabsorption in children with severe protein energy malnutrition. Tolboom JJ, et al. **Trop Geogr Med** 1984 Dec;36(4):355-65

[Cassoulet and activated charcoal...(letter)] Frexinos J, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):188-9 **(Fre)**

[New aspects of the diet in type 1 diabetes mellitus] Chantelau EA, et al. **Dtsch Med Wochenschr** 1985 Jan 11;110(2):71-5 **(Ger)**

[Course of the adaptation of carbohydrate accumulation in the small intestine of chickens after saccharose feeding] Ozols AJ, et al. **Nahrung** 1985;29(2):179-84 (Eng. Abstr.) **(Ger)**

[24-hour energy metabolism in the human: circadian rhythm, relation to body weight and nutrition] Steiniger J. **Z Gesamte Inn Med** 1985 Apr 15;40(8):232-7 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Alcohol-potentiated reactive hypoglycaemia depends on the nature of the carbohydrate ingested at the same time. Baker SG, et al. **Alcohol Alcohol** 1984;19(1):45-9

Effect of source of dietary carbohydrate on plasma glucose, insulin, and gastric inhibitory polypeptide responses to test meals in subjects with noninsulin-dependent diabetes mellitus. Coulston AM, et al. **Am J Clin Nutr** 1984 Nov; 40(5):965-70

A comparative study of the effects of white sugar, unrefined sugar and starch on the efficiency of food utilization and thermogenesis. Dulloo AG, et al. **Am J Clin Nutr** 1985 Aug;42(2):214-9

Dietary carbohydrates and endurance exercise. Evans WJ, et al. **Am J Clin Nutr** 1985 May;41(5 Suppl):1146-54

Influence of dietary carbohydrate on skeletal muscle glucose uptake. Miller WJ, et al. **Am J Clin Nutr** 1985 Mar; 41(3):526-32

Indices of copper status in humans consuming a typical American diet containing either fructose or starch. Reiser S, et al. **Am J Clin Nutr** 1985 Aug;42(2):242-51

Macronutrients have different metabolic effects in nondiabetics and diabetics. Simpson RW, et al. **Am J Clin Nutr** 1985 Sep;42(3):449-53

Thermic effect of feeding carbohydrate, fat, protein and mixed meal in lean and obese subjects. Swaminathan R, et al. **Am J Clin Nutr** 1985 Aug;42(2):177-81

Enhancement of calcium absorption in rats by coadministration of glucose polymer. Zheng JJ, et al. **Am J Clin Nutr** 1985 Feb;41(2):243-5

Effects of a high-complex-carbohydrate, low-fat, low-cholesterol diet on levels of serum lipids and estradiol [letter] Tucker WS Jr. **Am J Med** 1985 Jun;78(6 Pt 1):A52, A54

Relation between dietary-induced increase of intestinal lactase activity and lactose digestion and absorption in adult rats. Leichter J, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G729-35

Two distinct adaptive responses in the synthesis of exocrine pancreatic enzymes to inverse changes in protein and carbohydrate in the diet. Schick J, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G611-6

Reversal of dietary-induced insulin resistance in muscle of the rat by adenosine deaminase and an adenosine-receptor antagonist. Budohoski L, et al. **Biochem J** 1984 Nov 15; 224(1):327-30

Starvation and feeding with a high-carbohydrate diet induce changes in the specific activity of rat hepatic pyruvate kinase. Cimbala MA, et al. **Biochem J** 1985 Feb 15; 226(1):299-303

Characterization and metabolic regulation of a liver-specific 5.4-kilobase mRNA whose synthesis is transcriptionally induced by carbohydrates and repressed by glucagon and cyclic AMP. Pichard AL, et al. **Biochem J** 1985 Mar 15; 226(3):637-44

Changes in chromatin structure and transcription activity by starvation and dietary sucrose in mature and immature intestinal epithelial cells of the rat. Raul F, et al. **Cell Mol Biol** 1985;31(4):299-304

The effects of variations in percent of naturally occurring complex and simple carbohydrates on plasma glucose and insulin response in individuals with non-insulin-dependent diabetes mellitus. Hollenbeck CB, et al. **Diabetes** 1985 Feb; 34(2):151-5

Gastric emptying and pancreatic polypeptide response to carbohydrate meals. Taylor IL, et al. **Dig Dis Sci** 1985 Jan;30(1):52-7

Effect of dietary modifications on lactate threshold and onset of blood lactate accumulation during incremental exercise. Yoshida T. **Eur J Applied Physiol** 1984;53(3):200-5

Dietary carbohydrate level as a modifying factor of 3'-methyl-4-dimethylaminoazobenzene liver carcinogenesis in rats. Sato A, et al. **Gann** 1984 Aug; 75(8):665-71

Jejunal secretory effect of intraduodenal food in humans. A comparison of mixed nutrients, proteins, lipids, and carbohydrates. Miazza B, et al. **Gastroenterology** 1985 May; 88(5 Pt 1):1215-22

Comparison between the bacterial and oligosaccharide content of ileostomy effluent in subjects taking diets rich in refined or unrefined carbohydrate. Berghouse L, et al. **Gut** 1984 Oct;25(10):1071-7

Glycemic effects of carbohydrates. **J Am Diet Assoc** 1984 Dec;84(12):1487-8

Rapid regulation of L-type pyruvate kinase mRNA by fructose in diabetic rat liver. Inoue H, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1457-62

Effect of carbohydrate supplementation on reproductive hormones during fasting in men. Kyung NH, et al. **J Clin Endocrinol Metab** 1985 May;60(5):827-35

The effect of sucrose content in high and low carbohydrate diets on plasma glucose, insulin, and lipid responses in hypertriglyceridemic humans. Liu G, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):636-42

Dietary and hormonal regulation of aldolase B gene expression. Munnich A, et al. **J Clin Invest** 1985 Mar; 75(3):1045-52

Effect of dietary fat, carbohydrate, and protein on branched-chain amino acid catabolism during caloric restriction. Vazquez JA, et al. **J Clin Invest** 1985 Aug; 76(2):737-43

The disaccharide effect of sucrose feeding on glucuronide excretion and bile concentration of injected phenolphthalein in guinea pigs. Ahrens RA, et al. **J Nutr** 1985 Feb;115(2):288-91

Effect on the interaction of dietary carbohydrate and fat on the responses of rats to starvation-refeeding. Baltzell JK, et al. **J Nutr** 1985 Jan;115(1):104-10

Hepatic level of rat albumin messenger RNA is influenced by factors other than dietary protein. Castro CE, et al. **J Nutr** 1985 Apr;115(4):491-5

Effect of carbohydrate ingestion on plasma aspartate concentrations in infant mice administered sodium L-aspartate. Daabees TT, et al. **J Nutr** 1985 Feb; 115(2):226-32

Blood flow into brown fat of rats is greater after a high carbohydrate than after a high fat test meal. Glick Z, et al. **J Nutr** 1984 Oct;114(10):1934-9

Effect of sucrose solution drinking option on the development of obesity in rats. Rattigan S, et al. **J Nutr** 1984 Oct;114(10):1971-7

Effect of starch ingestion on plasma glutamate concentrations in humans ingesting monosodium L-glutamate in soup. Stegink LD, et al. **J Nutr** 1985 Feb;115(2):211-8

Effects of dietary carbohydrate on mitochondrial composition and function in two strains of rats. Wander RC, et al. **J Nutr** 1985 Feb;115(2):190-9

Effects of Okinawan sugar cane wax and fatty alcohol on serum and liver lipids in the rat. Sho H, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Dec;30(6):553-9

Dietary effects on liver and muscle glycogen repletion in exhaustively exercised rats: energy composition and type of complex carbohydrates. Suzuki M, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Oct;30(5):453-66

Comparison of intravenous glucose and fat calories on host and tumor growth. Hak LJ, et al. **JPEN** 1984 Nov-Dec; 8(6):657-9

Blood glucose response to carbohydrate [letter] Mann JI. **Lancet** 1984 Oct 6;2(8406):811

The ability of certain anorexic drugs to suppress food consumption depends on the nutrient composition of the test diet. Moses PL, et al. **Life Sci** 1984 Sep 17; 35(12):1297-300

The influence of protein and carbohydrate type on serum and liver lipids and lipoprotein cholesterol in rabbits. Bauer JE, et al. **Lipids** 1984 Nov;19(11):844-50

Effect of carbohydrate feeding frequencies and dosage on muscle glycogen use during exercise. Fielding RA, et al. **Med Sci Sports Exerc** 1985 Aug;17(4):472-6

Dietary omega-3 fatty acids prevent carbohydrate-induced hypertriglyceridemia. Harris WS, et al. **Metabolism** 1984 Nov;33(11):1016-9

The effects of high-carbohydrate and high-fat diets on the serum lipid and lipoprotein concentrations of endurance athletes. Thompson PD, et al. **Metabolism** 1984 Nov; 33(11):1003-10

Pancreatic and hepatic response to carbohydrate ingestion. Waldhäusl WK, et al. **Neth J Med** 1985;28 Suppl 1:15-9 (35 ref.)

Dietary carbohydrate intake and catecholamine secretion in man. **Nutr Rev** 1985 May;43(5):138-40 (12 ref.)

Effects of non-sugar fraction in black sugar on lipid and carbohydrate metabolism; Part II. New compounds inhibiting elevation of plasma insulin. Kimura Y, et al. **Planta Med** 1984 Dec;50(6):469-73

Effects of non-sugar fraction in black sugar on lipid and carbohydrate metabolism; Part I. Kimura Y, et al. **Planta Med** 1984 Dec;50(6):465-8

Effects of different dietary carbohydrates on hepatic enzymes of copper-deficient rats. Fields M, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):362-6

[Intestinal adaptation and enzymatic changes following reciprocal jejunoileal transposition in rats. Effects of a high-fructose diet] Crouzoulon G, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):136-46 (Eng. Abstr.) **(Fre)**

[Influence of maltitol on lipid metabolism: fatty acid composition of the heart and brain of the rat] Barzanti V, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2091-7 (Eng. Abstr.) **(Ita)**

[Effects of carbohydrate intake on phenobarbital-, polychlorinated biphenyl- and 3-methylcholanthrene-induced enhancement of drug oxidation and conjugation in rat liver] Nakajima T, et al. **Nippon Eiseigaku Zasshi** 1984 Oct;39(4):779-86 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Tolerance to glucose polymers in malnourished infants with diarrhea and disaccharide intolerance. Fagundes-Neto U, et al. **Am J Clin Nutr** 1985 Feb;41(2):228-34

The effect of dietary manipulation on hepatic lipid accumulation in rats undergoing small intestinal bypass. Kaminski DL, et al. **Int J Obes** 1985;9(1):59-68

The dietary treatment of children with type I glycogen storage disease with slow release carbohydrate. Smit GP, et al. **Pediatr Res** 1984 Sep;18(9):879-81

Higher carbohydrate diet for diabetic patients. Supartondo, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:665-9

[Experience using a diet enriched with crude-fiber carbohydrates (plantix) in treating diabetic patients at sanatoria and health resorts] Chedia ES, et al. **Ter Arkh** 1984;56(10):102-4 **(Rus)**

TOXICITY

Hypertrophic effect of unavailable carbohydrate on cecum and colon in rats. Konishi F, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Aug;30(4):373-9

DIETARY CHOLESTEROL see **CHOLESTEROL, DIETARY**

DIETARY FATS

Effectiveness and reliability of medium term treatment with a diet rich in olive oil of patients with vascular diseases. Zoppi S, et al. **Acta Vitaminol Enzymol** 1985;7(1-2):3-8

Dietary fat, eicosanoids, and immunity. Johnston PV. **Adv Lipid Res** 1985;21:103-41 (76 ref.)

Clinical studies on lipid and blood pressure lowering effect of eicosa-pentaenoic acid-rich diet. Singer P, et al. **Biomed Biochim Acta** 1984;43(8-9):S421-5

Dietary fatty acids in the UK. Burt R, et al. **Br J Clin Pract [Symp Suppl]** 1984;31:20-3

Effect of smoking and dietary saturated fats on platelet functions in Scottish farmers. Renaud S, et al. **Cardiovasc Res** 1985 Mar;19(3):155-9

Food-induced changes in theophylline absorption from controlled-release formulations. Part I. Substantial increased and decreased absorption with Uniphyl tablets and Theo-Dur Sprinkle. Karim A, et al. **Clin Pharmacol Ther** 1985 Jul;38(1):77-83

Changes in the fatty acid composition of phospholipids from turbot (Scophthalmus maximus) in relation to dietary polyunsaturated fatty acid deficiencies. Bell MV, et al. **Comp Biochem Physiol [B]** 1985;81(1):193-8

Interaction between plastics packaging materials and foodstuffs with different fat content and fat release properties. Bieber WD, et al. **Food Addit Contam** 1985 Apr-Jun;2(2):113-24

Assessment of fatty acid intakes in vegans and omnivores. Roshanai F, et al. **Hum Nutr Appl Nutr** 1984 Oct; 38(5):345-54

Effect of maternal diet on skeletal muscle composition and metabolism and on bone dimensions and composition of the fetal pig. Campion DR, et al. **J Anim Sci** 1984 Oct; 59(4):1003-10

Relationships among dietary lipid intake, serum cholesterol and ovarian function in Holstein heifers. Talavera F, et al. **J Anim Sci** 1985 Apr;60(4):1045-51

Calorie source, calorie restriction, immunity and aging of (NZB/NZW)F1 mice. Kubo C, et al. **J Nutr** 1984 Oct; 114(10):1884-99

The influence of diet on the regression of the Walker carcinosarcoma 256 in rats. Kwong E, et al. **J Nutr** 1984 Dec;114(12):2324-30

Effect of ethanol consumed in combination with high or low fat diets on the postinitiation phase of hepatocarcinogenesis in the rat. Misslbeck NG, et al. **J Nutr** 1984 Dec; 114(12):2311-23

Dietary regulation of protein synthesis in the exocrine pancreas. Lahaie RG. **J Pediatr Gastroenterol Nutr** 1984; 3 Suppl 1:S43-50 (51 ref.)

Dihomo-gamma-linolenic acid reverses hypertension induced in rats by diets rich in saturated fat. Hassall CH, et al. **Lipids** 1984 Sep;19(9):699-703

Brominated fatty acid distribution in tissues and fluids of rats fed brominated vegetable oils. Lawrence JF, et al. **Lipids** 1984 Sep;19(9):704-7

Nutritional treatment of rheumatoid arthritis. Can alterations in fat intake affect disease course? Podell RN. **Postgrad Med** 1985 May 15;77(7):65, 68-9, 72

Interaction of dietary fat with levels of vitamins A and E in broiler chicks. Abawi FG, et al. **Poult Sci** 1985 Jun; 64(6):1192-8

Characteristics of adipose tissue growth in broiler-type chickens to 22 weeks of age and the effects of dietary protein and lipid. March BE, et al. **Poult Sci** 1984 Nov; 63(11):2207-16

Effect of dietary fat and environment on lipogenesis by large white breeder turkeys. Rosebrough RW, et al. **Poult Sci** 1985 Jun;64(6):1170–6

Sudden death syndrome in broilers: dietary fat supplementation and its effect on tissue composition. Rotter B, et al. **Poult Sci** 1985 Jun;64(6):1128–36

Relation of alcohol, physical activity, dietary fat and smoking to serum HDL and total cholesterol in young Finnish men. Salonen JT, et al. **Scand J Soc Med** 1985;13(3):99–102

[Evaluation of nutritional intake of proteins, lipids and carbohydrates by the adult population resident in Geneva] Morabia A, et al. **Soz Praventivmed** 1984;29(4–5):215–7 (Eng. Abstr.) (Fre)

[Long-term oil therapy and lipid metabolism in peripheral arterial obstructive disease] Reuter W, et al. **Z Gesamte Inn Med** 1985 Jun 1;40(11):348–50 (Ger)

ADMINISTRATION & DOSAGE

Neurotensin-like immunoreactivity in plasma after fat intake in normal and obese subjects and after jejunoileal bypass. Wiklund B, et al. **Acta Chir Scand** 1985;151(4):361–5

The fat composition of a mouse diet modifies the effects of levamisol on growth and spread of a murine tumor. Boeryd B, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1985 Mar;93(2):99–103

Leg citrate metabolism at rest and during exercise in relation to diet and substrate utilization in man. Jansson E, et al. **Acta Physiol Scand** 1984 Oct;122(2):145–53

The effectiveness of a low lipid diet and exercise in the management of coronary artery disease. Ribeiro JP, et al. **Am Heart J** 1984 Nov;108(5):1183–9

Contribution of 500 g naturally labeled 13C dextrin maltose to total carbohydrate utilization and the effect of the antecedent diet, in man. Acheson KJ, et al. **Am J Clin Nutr** 1985 May;41(5):881–90

Nutrient intakes among selected North American populations in the Lipid Research Clinics Prevalence Study: composition of fat intake. Goor R, et al. **Am J Clin Nutr** 1985 Feb;41(2):299–311

Short term effect of a low fat diet on plasma retinol and alpha-tocopherol and red cell alpha-tocopherol levels in hyperlipidemic men. Haddad E, et al. **Am J Clin Nutr** 1985 Mar;41(3):599–604

The effects of subject-selected high carbohydrate, low fat diets on glycemic control in insulin dependent diabetes mellitus. Hollenbeck CB, et al. **Am J Clin Nutr** 1985 Feb;41(2):293–8

The substitution of sucrose polyester for dietary fat in obese, hypercholesterolemic outpatients. Mellies MJ, et al. **Am J Clin Nutr** 1985 Jan;41(1):1–12

High energy expenditures influence the plasma lipid concentrations effected by dietary differences [letter] Reiser R. **Am J Clin Nutr** 1985 Feb;41(2):375–6

Gallbladder dynamics in response to various meals: is dietary fat restriction necessary in the management of gallstones? Mogadam M, et al. **Am J Gastroenterol** 1984 Oct;79(10):745–7

Effects of a high-complex-carbohydrate, low-fat, low-cholesterol diet on levels of serum lipids and estradiol [letter] Tucker WS Jr. **Am J Med** 1985 Jun;78(6 Pt 1):A52, A54

Effects of nutrition on disease and life span. I. Immune responses, cardiovascular pathology, and life span in MRL mice. Mark DA, et al. **Am J Pathol** 1984 Oct;117(1):110–24

Brown adipose and metabolic features of chronic diet-induced obesity. Levin BE, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):R717–23

Prostanoids in blood pressure regulation and their role in the blood pressure lowering effects induced by changes in dietary fats. Vapaatalo H, et al. **Ann Clin Res** 1984;16 Suppl 43:109–15 (74 ref.)

Dietary intake of sweet foods and of dairy fats and resultant gustatory responses to sugar in lemonade and to fat in milk. Pangborn RM, et al. **Appetite** 1984 Dec;5(4):317–27

Dietary fat intake and taste responses to fat in milk by under-, normal, and overweight women. Pangborn RM, et al. **Appetite** 1985 Mar;6(1):25–40

Effect of polyunsaturated isocaloric fat diets on plasma lipids, apolipoproteins and fatty acids. Blaton V, et al. **Atherosclerosis** 1984 Oct;53(1):9–20

Reduced incidence of cardiovascular complications and mortality in hyperlipoproteinemia (HLP) with effective lipid correction. The Dresden HLP study. Hanefeld M, et al. **Atherosclerosis** 1984 Oct;53(1):47–58

The effect of exercise and hyperlipemic diet on aortic histopathology in the rat. Hasler CM, et al. **Atherosclerosis** 1984 Sep;52(3):279–86

Relationship between changes in plasma lipoprotein concentrations and fecal steroid excretion in man during consumption of four experimental diets. Kay RM, et al. **Atherosclerosis** 1985 Apr;55(1):15–23

Intimal cell masses in the abdominal aortas of swine fed a low-fat, low-cholesterol diet for up to twelve years of age. Kim DN, et al. **Atherosclerosis** 1985 May;55(2):151–9

Improved glucose tolerance in gestational diabetic women on a low fat, high unrefined carbohydrate diet. Nolan CJ. **Aust NZ J Obstet Gynaecol** 1984 Aug;24(3):174–7

Influence of a cod liver oil diet in diabetics type I on fatty acid patterns and platelet aggregation. Schimke E, et al. **Biomed Biochim Acta** 1984;43(8–9):S351–3

Failure of systemic ketosis to control cachexia and the growth rate of the Walker 256 carcinosarcoma in rats. Fearon KC, et al. **Br J Cancer** 1985 Jul;52(1):87–92

Statistical errors invalidate conclusions in 'Caffeine and unsaturated fat diet significantly promotes DMBA-induced breast cancer in rats'. Pike MC, et al. **Cancer** 1985 Apr 15;55(8):1855–8

The effect of diet on inherited retinal dystrophy in the rat. Pautler EL, et al. **Curr Eye Res** 1984 Oct;3(10):1221–4

High-carbohydrate, low-fat diet: effect on lipid and carbohydrate metabolism, GIP and insulin secretion in diabetics. Sestoft L, et al. **Dan Med Bull** 1985 Mar;32(1):64–9

Insulin receptor binding on red cells of hypertriglyceridemic patients. Effect of a low fat, low carbohydrate diet. Cordera R, et al. **Diabete Metab** 1985 Jun;11(3):137–40

Comparison of the hypotensive and metabolic effects of metoprolol therapy with a high fibre, low sodium, low fat diet in hypertensive type 2 diabetic subjects. Pacy PJ, et al. **Diabetes Res** 1984 Nov;1(4):201–7

A controlled trial of a high fibre, low fat and low sodium diet for mild hypertension in Type 2 (non-insulin-dependent) diabetic patients. Dodson PM, et al. **Diabetologia** 1984 Nov;27(5):522–6

A prospective comparison of 'conventional' and high carbohydrate/high fibre/low fat diets in adults with established type 1 (insulin-dependent) diabetes. McCulloch DK, et al. **Diabetologia** 1985 Apr;28(4):208–12

Dietary induced increase of lactase activity in adult rats is independent of adrenals. Goda T, et al. **Experientia** 1984 Nov 15;40(11):1287–8

Effect of fat and carbohydrate composition on the gastric emptying of isocaloric feedings in premature infants. Siegel M, et al. **Gastroenterology** 1985 Oct;89(4):785–90

Effect of dietary fat on food intake, growth and body composition in rats. Oscai LB, et al. **Growth** 1984 Winter;48(4):415–24

Severe and progressive steatosis and focal necrosis in rat liver induced by continuous intragastric infusion of ethanol and low fat diet. Tsukamoto H, et al. **Hepatology** 1985 Mar–Apr;5(2):224–32

Long-term follow-up of the treatment of essential hypertension with a high-fibre, low-fat and low-sodium dietary regimen. Dodson PM, et al. **Hum Nutr Clin Nutr** 1985 May;39(3):213–20

Effects of allylpropyl disulphide isolated from Allium cepa Linn on high-fat fed rats. Wilcox BF, et al. **Indian J Biochem Biophys** 1984 Jun;21(3):214–6

Diet, body fat & plasma lipids in breast cancer. Sarin R, et al. **Indian J Med Res** 1985 May;81:493–8

Effect of dietary stearic acid on the genesis of spontaneous mammary adenocarcinomas in strain A/ST mice. Bennett AS. **Int J Cancer** 1984 Oct 15;34(4):529–33

Treatment of dyslipidaemia with a simple low fat diet and with a combination of a low fat diet and a formulation containing soybean protein. Pesciatini F, et al. **Int J Clin Pharmacol Res** 1985;5(3):199–204

The relationship of dietary fat and cholesterol to mortality in 10 years: the Honolulu Heart Program. McGee D, et al. **Int J Epidemiol** 1985 Mar;14(1):97–105

A clinical trial evaluating cholestyramine to prevent diarrhea in patients maintained on low-fat diets during pelvic radiation therapy. Chary S, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct;10(10):1885–90

Effect of lipid-coated lysine on digestion and nitrogen metabolism by wethers. Glenn BP, et al. **Int J Vitam Nutr Res** 1984;54(4):377–86

The Fat Portion Exchange List: a tool for teaching and evaluating low-fat diets. Boyar AP, et al. **J Am Diet Assoc** 1985 May;85(5):589–94

Promoting dietary change: demonstrating reduction of dietary fat. Connor SL, et al. **J Am Diet Assoc** 1985 Mar;85(3):345–7

High-oil, high-protein diets and milk secretion by cows. Steele W. **J Dairy Sci** 1985 Jun;68(6):1409–15

Growth, health, and blood glucose concentrations of calves fed high-glucose or high-fat milk replacers. Wijayasinghe MS, et al. **J Dairy Sci** 1984 Dec;67(12):2949–56

Comparison of the hypotensive and metabolic effects of bendrofluazide therapy and a high fibre, low fat, low sodium diet in diabetic subjects with mild hypertension. Pacy PJ, et al. **J Hypertens** 1984 Apr;2(2):215–20

Hepatic uptake of chylomicrons and triglyceride emulsions in rats fed diets of differing fat content. Kortz WJ, et al. **J Lipid Res** 1984 Aug;25(8):799–804

Concentration and composition of serum lipoproteins during a low-fat diet at two levels of polyunsaturated fat. Kuusi T, et al. **J Lipid Res** 1985 Mar;26(3):360–7

Alterations in cerebral and microvascular prostaglandin synthesis by manipulation of dietary essential fatty acids. Brown ML, et al. **J Neurochem** 1984 Nov;43(5):1392–400

Gastrocnemius muscle lipids in relation to diet in two mouse mutants, 129Re-dy and A2G-adr, with abnormal muscle function. Rebello T, et al. **J Neurochem** 1985 Jul;45(1):257–67

What's the beef? [letter] Liebman B, et al. **JAMA** 1985 Apr 12;253(14):2044–5

Plasma lipoprotein levels in vegetarians. The effect of ingestion of fats from dairy products. Sacks FM, et al. **JAMA** 1985 Sep 13;254(10):1337–41

Effects of the interaction of dietary fat and protein on N-nitrosobis(2-oxopropyl)amine-induced carcinogenesis and spontaneous lesions in Syrian golden hamsters. Birt DF, et al. **JNCI** 1985 May;74(5):1121–7

Total parenteral nutrition with different ratios of fat/carbohydrate at two energy levels: an animal study. Martins FM, et al. **JPEN** 1985 Jan–Feb;9(1):47–52

Optimal lipid content for enteral diets following thermal injury. Mochizuki H, et al. **JPEN** 1984 Nov–Dec;8(6):638–46

Effect of high percentage medium-chain triglyceride diet on mucosal adaptation following massive bowel resection in rats. Vanderhoof JA, et al. **JPEN** 1984 Nov–Dec;8(6):685–9

Effect of the dietary fatty acid component on the release of 14C-taurocholate, 14C-bilirubin, alkaline phosphatase, and aspartate transaminase by isolated rat liver cells. Anderson FH, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul–Aug;9(4):477–9

Increased cholesteryl ester content in liver of mice fed lipid emulsion diets high in polyunsaturated fats. Burton AF, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul–Aug;9(4):480–2

The relation of growth performance to dietary oil source in African giant rat (Cricetomys gambianus Waterhouse). Amubode FO. **Lab Anim** 1985 Apr;19(2):134–7

Less sugar and fat: a return of malnutrition [letter] Francis DE, et al. **Lancet** 1985 Aug 24;2(8452):452–3

Effects of manipulation of dietary fatty acids on clinical manifestations of rheumatoid arthritis. Kremer JM, et al. **Lancet** 1985 Jan 26;1(8422):184–7

The effect of exogenous L-carnitine on fat diet-induced hyperlipidemia in the rat. Maccari F, et al. **Life Sci** 1985 May 20;36(20):1967–75

Pulmonary lipid peroxides and fatty acids of rats fed different lipids and exposed to oxygen at hyperbaric pressure. Alam SQ, et al. **Lipids** 1985 Apr;20(4):248–51

Effects of high fat diets on the activity of palmitoyl-CoA hydrolase in rat liver. Berge RK, et al. **Lipids** 1985 Jan;20(1):49–52

Effect of moderate diet enrichment with essential unsaturated fatty acids (EFA) on lipid metabolism parameters and blood pressure. Ziemlański S. **Mater Med Pol** 1984 Apr–Dec;16(2–4):105–7

Metabolic effects of medium- or long-chain triglycerides and high-protein, carbohydrate-free diets in Zucker rats. Bach AC, et al. **Metabolism** 1984 Oct;33(10):951–8

Effects of high cholesterol high fat diet on plasma lipoproteins in familial hypercholesterolemia. Cole TG, et al. **Metabolism** 1985 May;34(5):486–93

Energy balance and brown fat activity in rats fed cafeteria diets or high-fat, semisynthetic diets at several levels of intake. Rothwell NJ, et al. **Metabolism** 1985 May;34(5):474–80

Influence of polyunsaturated fats and fat restriction on serum lipoproteins in humans. Weisweiler P, et al. **Metabolism** 1985 Jan;34(1):83–7

Reduction of plasma lipids, lipoproteins, and apoproteins by dietary fish oils in patients with hypertriglyceridemia. Phillipson BE, et al. **N Engl J Med** 1985 May 9;312(19):1210–6

The experimental obesity by high-fat feeding—a model for evaluation of the biological value of fats. Goranov I, et al. **Nahrung** 1985;29(6):585–96

Some aspects of lipid metabolism in the liver of Wistar rats with fat diet-induced obesity. Haude W, et al. **Nahrung** 1985;29(6):567–76

Fatty acid composition of liver and adipose tissue lipids in Wistar rats with fat diet-induced obesity. Völcker CE, et al. **Nahrung** 1985;29(6):577–83

Effect of fatty acid-enriched diet on the composition of fatty acids in lipids of cerebral myelin during development. Wender M, et al. **Neuropatol Pol** 1985;23(1):119–27

Influence of inappropriate diet during development on the susceptibility to experimental allergic encephalomyelitis. Wender M, et al. **Neuropatol Pol** 1985;23(1):129–44

Development of essential fatty acid deficiency in the premature infant given fat-free TPN. **Nutr Rev** 1985 Jan;43(1):14–5 (10 ref.)

Self-selection and the obese Zucker rat: the effect of dietary fat dilution. Castonguay TW, et al. **Physiol Behav** 1984 Jul;33(1):119–26

Feeding in infancy, adipose tissue cellularity and obesity. Hausberger FX, et al. **Physiol Behav** 1984 Jul;33(1):81–7

Behavioral and physiological consequences of intragastric oil feeding in rats. Ramirez I. **Physiol Behav** 1984 Sep;33(3):421–6

The influence of the grower diet and fat in the layer diet on performance of turkey hens. Harms RH, et al. **Poult Sci** 1984 Aug;63(8):1634–7

Methods of measuring energy utilization in broilers: effect of genetic line and presence of supplemental dietary fat. Laurin DE, et al. **Poult Sci** 1985 May;64(5):969–78

Plasma triglyceride and glucose clearance in broiler-type and white Leghorn chickens with different degrees of adiposity. March BE. **Poult Sci** 1984 Aug;63(8):1586–93

The family heart dietary intervention program: community response and characteristics of joining and nonjoining families. Hollis JF, et al. **Prev Med** 1984 May;13(3):276–85

Further studies on the mechanism of fat-free diet (FFD)—protection against indomethacin-induced intestinal ulcers in the rat. Evangelista S, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):113–5

Effectiveness of dietary essential fatty acid deficiency in development of a model of endogenous renal prostaglandin deficiency. Sinaiko AR, et al. **Prostaglandins Leukotrienes Med** 1985 Jul;19(1):87–98

The bile ducts after a fatty meal: further sonographic observations. Simeone JF, et al. **Radiology** 1985 Mar; 154(3):763–8

Addition of sorbitol to a milk substitute for veal calves. II. Effects on plasma, liver and muscle lipids. Bauchart D, et al. **Reprod Nutr Dev** 1985;25(2):411–25

Effects of dietary lipid level on ketonaemia and other plasma parameters related to glucose and fatty acid metabolism in the rabbit during fasting. Jean-Blain C, et al. **Reprod Nutr Dev** 1985;25(2):345–53

Importance of the ileum in neurotensin released by fat. Walker JP, et al. **Surgery** 1985 Aug;98(2):224–9

Lipid composition and monooxygenase relationship in liver microsomal membranes from rats fed unbalanced diets. Narbonne JF, et al. **Toxicol Lett** 1984 Oct;23(1):73–7

Twenty-four-hour pattern of blood hormone and metabolite concentrations in high-yielding dairy cows: effects of feeding low or high amounts of starch, or crystalline fat. Blum JW, et al. **Zentralbl Veterinarmed** [A] 1985 Jun; 32(6):401–18

[Identification of an atypical polyunsaturated fatty acid present in the liver of rats after the ingestion of heated linseed oil] Piconneaux A, et al. **C R Acad Sci [III]** 1985; 300(8):353–8 (Eng. Abstr.) (Fre)

[Improvement of blood filtrability with a purified extract of black currant anthocyanosides in cynomologus monkeys on a fat diet] Millet J, et al. **J Pharmacol** 1984 Oct–Dec; 15(4):439–45 (Eng. Abstr.) (Fre)

[Effects of the essential fatty acid content of the diet on the distribution of polyunsaturated fatty acids in the lipoproteins of the rat pup] Nouvelot A, et al. **Reprod Nutr Dev** 1985;25(1B):251–3 (Fre)

[Dietary lipids and serum lipids in adolescents. based on the Geneva study of the precursors of atherosclerosis] Raymond L, et al. **Soz Praventivmed** 1984;29(4–5):218–9 (Eng. Abstr.) (Fre)

[Energy balance trials with a diet rich in fats in the human] Wolfram G, et al. **Ann Nutr Metab** 1985;29(1):23–32 (Eng. Abstr.) (Ger)

[Dietary treatment of hyperlipoproteinemia. Reduction of atherogenic lipid fractions in normal subjects] Weisweiler P. **Fortschr Med** 1985 Feb 21;103(7):148–50 (Eng. Abstr.) (Ger)

[Cholesterol ester-composition of the adrenal glands of rats in various fat-rich diet regimes] Ilinov P, et al. **Nahrung** 1985;29(6):597–607 (Eng. Abstr.) (Ger)

[Long-term oil therapy in elderly patients with peripheral arterial occlusive disease] Reuter W, et al. **ZFA** 1985 May–Jun;40(3):171–5 (Eng. Abstr.) (Ger)

[Dietary soya lecithin decreases plasma triglyceride and inhibits platelet aggregation] Aviram M, et al. **Harefuah** 1984 Sep;107(5–6):122–3 (Eng. Abstr.) (Heb)

[Diet of the insulin-dependent diabetic: different roles of carbohydrates and lipids] Santoro D, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):313–5 (Eng. Abstr.) (Ita)

[Optimal relation of the various components of the diet in the treatment of chronic infantile diarrhea] Ambrosioni G, et al. **Minerva Pediatr** 1984 Oct 15;36(19):961–9 (Eng. Abstr.) (Ita)

[Laboratory evaluation of the nutritive value of average daily food rations of selected population groups in Poland. I. Value of energy, proteins and fats] Trzebska-Jeske I, et al. **Rocz Panstw Zakl Hig** 1984;35(6):543–9 (Eng. Abstr.) (Pol)

[Effects of the use of a hyperlipid diet on the tumor development: an experimental study with Walker carcinosarcoma 256] Bevilacqua RG, et al. **Rev Paul Med** 1984 Nov–Dec;102(6):249–55 (Eng. Abstr.) (Por)

[Comparative study of drug and dietary correction of dyslipoproteinemias among the population] Khaltaev NG, et al. **Kardiologiia** 1984 Nov;24(11):15–20 (Eng. Abstr.) (Rus)

[Effectiveness of feeding premature infants in the 2d month of life with milk formulas having a varying fat content] Ladodo KS, et al. **Pediatriia** 1985 Apr;(4):10–3 (Eng. Abstr.) (Rus)

[Diet therapy of patients with chronic renal failure in its initial stage] Agadzhonov SA. **Vopr Pitan** 1984 Nov–Dec; (6):28–31 (Eng. Abstr.) (Rus)

[Effect of diet therapy on indicators of lipid metabolism in obese children] Kniazev IuA, et al. **Vopr Pitan** 1985 Mar–Apr;(2):23–6 (Eng. Abstr.) (Rus)

[Effect of dimethylformamide on the microsomal hydroxylation system in the liver of rats fed diets with different fat contents] Martinchuk AN, et al. **Vopr Pitan** 1984 Nov–Dec;(6):42–6 (Eng. Abstr.) (Rus)

[Effect of diets of different isomer composition of fatty acids on the blood vessel wall, blood lipids and platelet aggregation] Pozdniakov AL, et al. **Vopr Pitan** 1984 Nov–Dec;(6):56–61 (Eng. Abstr.) (Rus)

[Changes in various indicators of orthostatic stability in humans on long-term low-caloric diets] Tsyganov EP, et al. **Vopr Pitan** 1984 Nov–Dec;(6):31–3 (Eng. Abstr.) (Rus)

[The effect of starvation and nutritional lipemia on the level of cholesterol esters in the blood of dogs and on certain lipoprotein fractions] Corbić M, et al. **Srp Arh Celok Lek** 1984 Apr;112(4):459–67 (Eng. Abstr.) (Scc)

[Serum phospholipids and lipoprotein fractions in dogs during starvation and dietary lipemia] Corvić M, et al. **Srp Arh Celok Lek** 1984 Sep;112(9):889–96 (Eng. Abstr.) (Scc)

[Utilization of proteins in rats of various ages during high fat intake] Krajčovičová M, et al. **Bratisl Lek Listy** 1984 Jul;82(1):839–50 (Eng. Abstr.) (Slo)

[The effect of high fat intake in rats of different age categories on protein utilization] Krajčovičová-Kudláčková M, et al. **Vet Med (Praha)** 1984 Oct;29(10):633–40 (Slo)

[Relation of apolipoproteins, lipoproteins and lipids in a fat loading test] Turay J, et al. **Vnitr Lek** 1985 Jun;31(6):534–41 (Eng. Abstr.) (Slo)

[Aspirin and dipyridamol or preventive diet (editorial)] Bastida E. **Med Clin (Barc)** 1984 Oct 13;83(11):452–3 (Spa)

[Consumption, diet habits and nutritional status of the population of Reus (III): distribution, by age and sex, of the consumption of milk, milk products, visible vegetable fats and vegetables] Salas J, et al. **Med Clin (Barc)** 1985 Mar 30;84(12):470–5 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

Diet-dependent hyperplastic growth of adipose tissue in hypothalamic obese rats. Faust IM, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R1038–46

Thromboembolism in the pathogenesis of myocardial infarcts in rats fed a thrombogenic diet [letter] Wilson RB. **Atherosclerosis** 1985 Mar;54(3):347–9

Effect of the inhibition of platelet function on the development of the primary atherogenic lesion in rats on a fat- and cholesterol-rich diet. Potvliege PR, et al. **Br J Exp Pathol** 1984 Dec;65(6):701–10

A role of estrogens and insulin binding in the dietary lipid alteration of R3230AC mammary carcinoma growth in rats. Feldman JM, et al. **Cancer Res** 1985 May;45(5):1964–72

Requirement of essential fatty acid for mammary tumorigenesis in the rat. Ip C, et al. **Cancer Res** 1985 May; 45(5):1997–2001

Lipid peroxidation of liver microsome membranes induced by choline-deficient diets and its relationship to the diet-induced promotion of the induction of gamma-glutamyltranspeptidase-positive foci. Perera MI, et al. **Cancer Res** 1985 Jun;45(6):2533–8

The role of high levels of dietary fat in 7,12-dimethylbenzanthracene-induced mouse mammary tumorigenesis: lack of an effect on lipid peroxidation. Lane HW, et al. **Carcinogenesis** 1985 Mar;6(3):403–7

Interaction of dietary fat and route of carcinogen administration on 1,2-dimethylhydrazine-induced colon tumorigenesis in rats. Locniskar M, et al. **Carcinogenesis** 1985 Mar;6(3):349–54

Nutrition, diet, and cancer—an evaluation. Wynder EL. **Curr Concepts Nutr** 1984;13:171–93 (111 ref.)

Effects of a commercial soy lecithin preparation on development of sensorimotor behavior and brain biochemistry in the rat. Bell JM, et al. **Dev Psychobiol** 1985 Jan;18(1):59–66

Platelets during alimentary hyperlipaemia induced by cream and cod liver oil. Nordøy A, et al. **Eur J Clin Invest** 1984 Oct;14(5):339–45

The debate about dietary fat in coronary heart disease is highly controversial [letter] Francis DE. **Hum Nutr Appl Nutr** 1984 Jun;38(3):230–1

Effect of high fat diet on biogenic monoamine levels of rhesus monkeys. Srivastava M, et al. **Indian J Exp Biol** 1984 Nov; 22(11):599–602

The use of polytomous dual response data to increase power in case-control studies: an application to the association between dietary fat and breast cancer. Howe GR. **J Chronic Dis** 1985;38(8):663–70

Effect of ethanol consumed in combination with high or low fat diets on the postinitiation phase of hepatocarcinogenesis in the rat. Misslbeck NG, et al. **J Nutr** 1984 Dec; 114(12):2311–23

Dietary fat consumption and survival among women with breast cancer. Gregorio DI, et al. **JNCI** 1985 Jul; 75(1):37–41

Nutrition and prostate cancer: a case-control study. Heshmat MY, et al. **Prostate** 1985;6(1):7–17

Promotional effects of testosterone and dietary fat on prostate carcinogenesis in genetically susceptible rats. Pollard M, et al. **Prostate** 1985;6(1):1–5

Dietary fat recommendations [letter] Olson RE. **Science** 1985 Mar 8;227(4691):1154

High fat diet and death rate of diabetes mellitus. Suzuki H, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:309–12

[Experimental diet and nutritional balance. Exemplified by colza oil] Ferrando R, et al. **Bull Acad Natl Med (Paris)** 1984 May–Jun;168(5–6):654–9 (Eng. Abstr.) (Fre)

[Delayed obliterative vasculopathy without interstitial fibrosis in toxic oil syndrome] Sueiro Bendito A, et al. **Med Clin (Barc)** 1985 Feb 16;84(6):237–9 (Eng. Abstr.) (Spa)

ANALYSIS

Breast milk composition: fat content and fatty acid composition in vegetarians and non-vegetarians. Finley DA, et al. **Am J Clin Nutr** 1985 Apr;41(4):787–800

Comparison of the fat content and fat globule size distribution of breast milk from mothers delivering term and preterm. Simonin C, et al. **Am J Clin Nutr** 1984 Oct;40(4):820–6

Loss of breast milk nutrients during tube feeding. Stocks RJ, et al. **Arch Dis Child** 1985 Feb;60(2):164–6

A comparison of two methods of milk sampling for calculating the fat intake of breast-fed babies. Williams AF, et al. **Hum Nutr Clin Nutr** 1985 May;39(3):193–202

Simple, rapid method for determination of total extractable fat in canned pet foods. Maxwell RJ. **J Assoc Off Anal Chem** 1984 Sep–Oct;67(5):878–9

Determination of aflatoxins in vegetable oils. Miller N, et al. **J Assoc Off Anal Chem** 1985 Jan–Feb;68(1):136–7

On-line gas chromatographic evaluation of iodine values in edible fats and oils. Kolarovic L, et al. **J Chromatogr** 1984 Nov 30;314:233–41

Modified determination of 2-thiobarbituric acid value in fats and oils. Pokorný J, et al. **Nahrung** 1985;29(1):31–8

Dietary fat, acyl CoA levels and peroxisomal beta-oxidation. **Nutr Rev** 1984 Nov;42(11):385–7 (14 ref.)

Trans fatty acids in foods. **Nutr Rev** 1984 Aug;42(8):278–9 (5 ref.)

How to meet the lipid requirements of the premature infant. Heim T. **Pediatr Clin North Am** 1985 Apr;32(2):289–317 (58 ref.)

Lipids in milk and the first steps in their digestion. Hamosh M, et al. **Pediatrics** 1985 Jan;75(1 Pt 2):146–50 (25 ref.)

Percent of fat in meat, poultry and seafood [letter] Freedman GC. **West J Med** 1985 Apr;142(4):559–61

Fatty acid and lipid composition of children's food. I. Analytical methods; composition of commercially available supplementary foods for juniors. Suwelack C, et al. **Z Ernahrungswiss** 1984 Dec;23(4):263–75

[Low-fat milk syndrome] Komárek J, et al. **Vet Med (Praha)** 1985 Feb;30(2):73–81 (Eng. Abstr.) (Cze)

[Clinical significance of gas-chromatographic dietary fat analysis] Reuter W, et al. **Z Gesamte Inn Med** 1984 Sep 15;39(18):450–3 (Eng. Abstr.) (Ger)

[Sterols from Pacific Ocean squid] Medvedev FA, et al. **Vopr Pitan** 1984 Jul–Aug;(4):63–5 (Rus)

BLOOD

Effects of postprandial lipemia on plasma cholesterol metabolism. Castro GR, et al. **J Clin Invest** 1985 Mar; 75(3):874–82

CLASSIFICATION

[Nutritional typology of dietary lipids] Rondinone R. **Minerva Pediatr** 1984 May 31;36(10):497–517 (100 ref.) (Eng. Abstr.) (Ita)

METABOLISM

Effect of C 18:3 (n–3) dietary supplementation on the fatty acid composition of the rat brain. Cocchi M, et al. **Acta Vitaminol Enzymol** 1984;6(3):151–6

Fatty acid composition of single brain structures following different alpha linolenate dietary supplementations. Tarozzi G, et al. **Acta Vitaminol Enzymol** 1984;6(3):157–63

Dietary factors affecting lipoprotein metabolism. Nestel PJ. **Adv Exp Med Biol** 1985;183:253–63

The effects of somatostatin and selected analogs on lipid absorption in animals. Slater EE, et al. **Adv Exp Med Biol** 1985;188:355–68

Inhibition of cholesterol absorption by natural products. Vahouny GV. **Adv Exp Med Biol** 1985;183:265–79

Gastrointestinal digestion and absorption of lipid. Tso P. **Adv Lipid Res** 1985;21:143–86 (275 ref.)

Trans fatty acids in human milk lipids: influence of maternal diet and weight loss. Chappell JE, et al. **Am J Clin Nutr** 1985 Jul;42(1):49–56

Dietary fiber in pancreatic disease: effect of high fiber diet on fat malabsorption in pancreatic insufficiency and in vitro study of the interaction of dietary fiber with pancreatic enzymes. Dutta SK, et al. **Am J Clin Nutr** 1985 Mar; 41(3):517–25

Will dietary omega-3 fatty acids change the composition of human milk? Harris WS, et al. **Am J Clin Nutr** 1984 Oct; 40(4):780–5

Effects of a high-complex-carbohydrate, low-fat, low-cholesterol diet on levels of serum lipids and estradiol. Rosenthal MB, et al. **Am J Med** 1985 Jan;78(1):23–7

Effect of dietary cellulose on site of lipid absorption. Gallaher D, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G184–91

Dietary fat assimilation and bile salt absorption in the killifish intestine. Honkanen RE, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):G399–407

Further studies on the mechanism of increased blood pressure during dietary linoleic acid deprivation. Düsing R, et al. **Ann Clin Res** 1984;16 Suppl 43:103–8

Changes in fatty acid composition of the cardiac phospholipids of the cotton-eared marmoset (Callithrix jacchus) after feeding different lipid supplements. Charnock JS, et al. **Ann Nutr Metab** 1985;29(2):83–94

Vasopressin effects on food-rewarded learning tasks might be due to its action on carbohydrate/lipid metabolism, not memory. Crine AF. **Appetite** 1984 Sep;5(3):233–8

Antihypertensive therapy and lipids. Evidence, mechanisms, and implications. Weinberger MH. **Arch Intern Med** 1985 Jun;145(6):1102–5

Decreased dietary lipid deposition in spontaneous lesions distal to a stenosis in the rat caudal artery. Coutard M, et al. **Artery** 1983;12(3):182–98

Isolation and characterization of rat intestinal polyribosomes and RNA during absorption of fat. Increased translation in vitro of apo-AIV. Peseah M, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):373-81

A comparison of the influence of diets high in saturated versus unsaturated fatty acids on lipid composition and glucose-6-phosphatase activity of rat liver microsomes. Garg ML, et al. **Biochem Int** 1985 Apr;10(4):585-95

Variations in dietary triacylglycerol saturation alter the lipid composition and fluidity of rat intestinal plasma membranes. Brasitus TA, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):460-72

Onset of changes in phospholipid fatty acid composition and prostaglandin synthesis following dietary manipulation with n-6 and n-3 fatty acids in the rat. Croft KD, et al. **Biochim Biophys Acta** 1985 May 17;834(3):316-23

Intestinal biosynthesis of apolipoproteins during active fat absorption in rabbits. Bergmann S, et al. **Biomed Biochim Acta** 1984;43(4):457-62

Fatty acid composition and action of serum lipoproteins on the PGI2-formation after various oil diets in hyperlipoproteinemia. Honigmann G, et al. **Biomed Biochim Acta** 1984;43(8-9):S443-6

Dietary polyunsaturated fatty acids and health. Sanders TA. **Br J Clin Pract [Symp Suppl]** 1984;31:24-32

Effects of dietary butter fat on fecal bile acid excretion in patients with Crohn's disease on elemental diet. Koga T, et al. **Dig Dis Sci** 1984 Nov;29(11):994-9

Simultaneous assessment of fat maldigestion and fat malabsorption by a double-isotope method using fecal radioactivity. Thorsgaard Pedersen N, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):47-54

The effect of a high-fat diet on brainstem and duodenal serotonin (5-HT) metabolism in Sprague-Dawley and Osborne-Mendel rats. Kimbrough TD, et al. **Int J Obes** 1984;8(4):305-10

Reduction in plasma cholesterol and increase in biliary cholesterol by a diet rich in n-3 fatty acids in the rat. Balasubramaniam S, et al. **J Lipid Res** 1985 Jun;26(6):684-9

Coassimilation of dietary fat and benzo(a)pyrene in the small intestine: an absorption model using the killifish. Vetter RD, et al. **J Lipid Res** 1985 Apr;26(4):428-34

Cholesterol transport in mesenteric lymph of the preruminant calf: contribution of cholesterol transposition from blood to lymph. Davis LD, et al. **J Nutr** 1985 Apr;115(4):445-53

Quantitation of fat and cholesterol transport in the mesenteric lymph and bile of the preruminant calf. Davis LD, et al. **J Nutr** 1985 Apr;115(4):436-44

Digestion and absorption of lipids in poultry. Krogdahl A. **J Nutr** 1985 May;115(5):675-85 (97 ref.)

Relationships between composition and cellular uptake of lipoproteins from normal and hyperlipemic swine. Shireman RB, et al. **J Nutr** 1984 Dec;114(12):2373-82

Interaction of dietary fat and protein in spontaneous diseases of Syrian golden hamsters. Birt DF, et al. **JNCI** 1985 Jul;75(1):127-33

Dietary effects of menhaden oil on the growth and membrane lipid composition of rat mammary tumors. Jurkowski JJ, et al. **JNCI** 1985 May;74(5):1145-50

Incorporation of trans fatty acids into submandibular salivary gland lipids. Alam SQ, et al. **Lipids** 1985 Jan;20(1):16-23

Mammary transfer and metabolism in the rat of halogenated fatty acids of halogenated olive oil. Conacher HB, et al. **Lipids** 1984 Sep;19(9):637-42

Moderate changes in linoleate intake do not influence the systemic production of E prostaglandins. Ferretti A, et al. **Lipids** 1985 May;20(5):268-72

Heated fat, vitamin E and vascular eicosanoids. Giani E, et al. **Lipids** 1985 Jul;20(7):439-48

Homeostatic control of membrane fatty acid composition in the rat after dietary lipid treatment. Gibson RA, et al. **Lipids** 1984 Dec;19(12):942-51

The effects of dietary cholesterol on blood and liver polyunsaturated fatty acids and on plasma cholesterol in rats fed various types of fatty acid diet. Huang YS, et al. **Lipids** 1984 Sep;19(9):664-72

Relationship between lipogenesis, ketogenesis, and malonyl-CoA content in isolated hepatocytes from the obese Zucker rat adapted to a high-fat diet. Malewiak MI, et al. **Metabolism** 1985 Jul;34(7):604-11

The thermic effect of carbohydrate versus fat feeding in man. Schwartz RS, et al. **Metabolism** 1985 Mar;34(3):285-93

Lingual lipase activity in cystic fibrosis. **Nutr Rev** 1984 Oct;42(10):344-5

Partially hydrogenated fats in the diets of nursing mothers: effect on contents of trans fatty acids and prostaglandins in milk. **Nutr Rev** 1984 Sep;42(9):311-3

Effect of taurine supplements on fat absorption in cystic fibrosis. Darling PB, et al. **Pediatr Res** 1985 Jun;19(6):578-82

Lipid digestion and absorption. Watkins JB. **Pediatrics** 1985 Jan;75(1 Pt 2):151-6

Lipogenesis and body fat in chicks: effects of calorie-protein ratio and dietary fat. Donaldson WE. **Poult Sci** 1985 Jun;64(6):1199-204

Efficiency of utilization of various sources of energy for growth. Donato K, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4866-70

Effect of dietary alpha- and gamma-linolenic acid on tissue fatty acids in guinea pigs. Huang YS, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):46-9

Effects of various oils and of starvation on the lipid metabolism in brain. Singh S, et al. **Z Ernahrungswiss** 1984 Dec;23(4):276-82

[Dietary fats, lipoproteins and atherogenesis] Jacotot B. **Pathol Biol (Paris)** 1985 Apr;33(4):250-3 (Eng. Abstr.) (Fre)

[Effect of industrial processing and household preparation on dietary fats] Billek G. **Bibl Nutr Dieta** 1985;(34):82-93 (Ger)

[Biological effect of hydrated and esterified fats] Seher A. **Bibl Nutr Dieta** 1985;(34):94-109 (Ger)

[Effect of dietary fat on blood sugar levels and insulin consumption after intake of various carbohydrate carriers in type I diabetics on the artificial pancreas] Wakhloo AK, et al. **Dtsch Med Wochenschr** 1984 Oct 19;109(42):1589-94 (Eng. Abstr.) (Ger)

[24-hour energy metabolism in the human: circadian rhythm, relation to body weight and nutrition] Steiniger J. **Z Gesamte Inn Med** 1985 Apr 15;40(8):232-7 (Eng. Abstr.) (Ger)

[Effect of natural sterols on the body] Garbuzov AG. **Vopr Pitan** 1984 Jul-Aug;(4):7-12 (127 ref.) (Rus)

[Changes in the nutritional availability of various nutrients after treatment with pirenzepin (an anti-muscarinic agent)] Muñoz-Arrebola P, et al. **Rev Clin Esp** 1984 Oct 31;175(2):103-5 (Eng. Abstr.) (Spa)

PHARMACODYNAMICS

Effect of maternal dietary fat on skeletal muscle cellularity and satellite cell content of the porcine fetus at 110 days of gestation. Campion DR, et al. **Acta Anat (Basel)** 1984;120(3):170-2

Influence of dietary fats on ultrastructure and fatty acid. Composition of swine arterial tissue. Toda T, et al. **Acta Pathol Jpn** 1984 Sep;34(5):935-45

Circadian rhythms of glucose, triiodothyronine and insulin in relation to composition of diet and meal-timing in rats. Kochman E, et al. **Acta Physiol Pol** 1984 May-Jun;35(3):265-75

Effect of different linoleic acid intakes on prostaglandin biosynthesis and kidney function in man. Adam O, et al. **Am J Clin Nutr** 1984 Oct;40(4):763-70

Changing the Mediterranean diet: effects on blood lipids. Ferro-Luzzi A, et al. **Am J Clin Nutr** 1984 Nov;40(5):1027-37

The adaptation of the small intestine after resection in response to free fatty acids. Grey VL, et al. **Am J Clin Nutr** 1984 Dec;40(6):1235-42

Effect of dietary cholesterol and degree of fat unsaturation on plasma lipid levels, lipoprotein composition, and fecal steroid excretion in normal young adult men. Oh SY, et al. **Am J Clin Nutr** 1985 Sep;42(3):399-413

Plasma lipid and lipoprotein response of humans to beef fat, coconut oil and safflower oil. Reiser R, et al. **Am J Clin Nutr** 1985 Aug;42(2):190-7

Macronutrients have different metabolic effects in nondiabetics and diabetics. Simpson RW, et al. **Am J Clin Nutr** 1985 Sep;42(3):449-53

Thermic effect of feeding carbohydrate, fat, protein and mixed meal in lean and obese subjects. Swaminathan R, et al. **Am J Clin Nutr** 1985 Aug;42(2):177-81

Influence of dietary cis- and trans-fat on 1,2-dimethylhydrazine-induced colon tumors and fecal steroid excretion in Fischer 344 rats. Watanabe M, et al. **Am J Clin Nutr** 1985 Sep;42(3):475-84

Food intake in diabetic rats: isolation of primary metabolic effects of fat feeding. Friedman MI, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R44-51

Studies on the effect of dietary fat on blood pressure. Iacono JM, et al. **Ann Clin Res** 1984;16 Suppl 43:116-25

Effects of several alimentary fats on serum lipids during long-term stabilized diets. Lasserre M, et al. **Ann Nutr Metab** 1984;28(6):334-41

Effect of dietary fats on experimental hypertension. Ziemlański S, et al. **Ann Nutr Metab** 1985;29(4):223-31

Effects of dietary polyunsaturated fats and vitamin E on aging and peroxidative damage to DNA. Summerfield FW, et al. **Arch Biochem Biophys** 1984 Sep;233(2):408-16

Effect of high-fat and high-protein diets on toxicity of parathion and dichlorvos. Purshottam T, et al. **Arch Environ Health** 1984 Nov-Dec;39(6):425-30

The influence of dietary fats on plasma lipids, blood pressure and coagulation indices in the rat. McIntosh GH, et al. **Atherosclerosis** 1985 May;55(2):125-34

Changes in the serum lipoprotein pattern induced by two low-fat diets with a different vegetable content in hypercholesterolemic patients. Sommariva D, et al. **Atherosclerosis** 1985 Jul;56(1):119-24

Training-induced changes in serum lipids, fat tolerance, and adipose tissue metabolism in patients with hypertriglyceridemia. Wirth A, et al. **Atherosclerosis** 1985 Mar;54(3):263-71

Dietary modification of platelet and renal prostaglandins. Croft KD, et al. **Aust NZ J Med** 1984 Aug;14(4):448-52 (26 ref.)

Dietary fats and blood pressure. Margetts BM, et al. **Aust NZ J Med** 1984 Aug;14(4):444-7

Effect of dietary fat upon ethanol metabolism in rats. Kanayama R, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3283-7

Response of rat heart membranes and associated ion-transporting ATPases to dietary lipid. Abeywardena MY, et al. **Biochim Biophys Acta** 1984 Sep 19;776(1):48-59

Dietary modification of fatty acid and prostaglandin synthesis in the rat. Effect of variations in the level of dietary fat. Croft KD, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):196-207

Effect of dietary fats on arachidonic acid and eicosapentaenoic acid biosynthesis and conversion to C22 fatty acids in isolated rat liver cells. Hagve TA, et al. **Biochim Biophys Acta** 1984 Nov 14;796(2):205-17

Effect of dietary (n—3) fatty acids on platelet function and lipid metabolism in rats. Nordøy A, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):491-500

Chronobiologic and metabolic characterization of rats fed low or high linoleic acid diets. Balachun D, et al. **Biomed Biochim Acta** 1984;43(8-9):S231-4

Hypolipidemic effect of garlic and thyroid function. Chaudhuri BN, et al. **Biomed Biochim Acta** 1984;43(7):1045-7

Enhancement of the antihypertensive effect of dietary n3- and n6-PUFA in SHR during a four-generation feeding period. Hoffmann P, et al. **Biomed Biochim Acta** 1984;43(8-9):S227-30

Cardiovascular effects of antihypertensive drugs as affected by dietary polyunsaturates. Hoffmann P, et al. **Biomed Biochim Acta** 1984;43(8-9):S195-8

Studies on the effect of a chemical sympathectomy on the enzyme pattern in the heart of spontaneously hypertensive rats (SHR) fed diets supplemented with different polyunsaturated fatty acids (PUFA). Papies B, et al. **Biomed Biochim Acta** 1984;43(8-9):S179-83

Enzyme pattern of heart and liver in spontaneously hypertensive rats (SHR) can be influenced by prenatal feeding PUFA rich diets. Papies B, et al. **Biomed Biochim Acta** 1984;43(8-9):S184-7

Attenuation of high blood pressure by primrose oil, linseed oil and sunflowerseed oil in spontaneously hypertensive rats. Singer P, et al. **Biomed Biochim Acta** 1984;43(8-9):S243-6

Decrease of arachidonic acid in phosphatidylcholine from renal medulla of SHR after feeding a linoleic and linolenic acid-rich diet. Wirth M, et al. **Biomed Biochim Acta** 1984;43(8-9):S239-41

The effects of hydrogenated coconut oil, safflower oil, and evening primrose oil on development of hypertension and sodium handling in spontaneously hypertensive rats. Soma M, et al. **Can J Physiol Pharmacol** 1985 Apr;63(4):325-30

Influence of dietary medium-chain triglycerides on the development of N-methylnitrosourea-induced rat mammary tumors. Cohen LA, et al. **Cancer Res** 1984 Nov;44(11):5023-8

Effects of dietary fats and butylated hydroxytoluene on mutagen activation in rats. Ponder DL, et al. **Cancer Res** 1985 Feb;45(2):558-60

Influence of salinity and ratio of lipid to protein in diets on certain enzyme activities in rainbow trout (Salmo gairdneri Richardson). Jürss K, et al. **Comp Biochem Physiol [B]** 1985;81(1):73-9

Dietary fat and 3-MC induction of hepatic nuclear and microsomal cytochrome P-450. Cheng KC, et al. **Drug Nutr Interact** 1981;1(1):63-74

Effect of dietary lipid on benzo(a)pyrene metabolism by perfused rat liver. Lam TC, et al. **Drug Nutr Interact** 1981;1(1):31-44

Effects of dietary saturated or polyunsaturated fat on hepatic glutathione S-transferase activity. Norred WP, et al. **Drug Nutr Interact** 1984;3(1):11-20

Metabolic and hormonal responses to prolonged physical exercise in dogs after a single fat-enriched meal. Falecka-Wieczorek I, et al. **Eur J Applied Physiol** 1984;53(3):267-73

Jejunal secretory effect of intraduodenal food in humans. A comparison of mixed nutrients, proteins, lipids, and carbohydrates. Miazza B, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1215-22

Characterization of response of gut GLI to fat ingestion in dogs. Ohneda A, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:105-9

Dietary menhaden oil lowers plasma prostaglandins and calcium in mice bearing the prostaglandin-producing HSDM1 fibrosarcoma. Tashjian AH Jr, et al. **J Clin Invest** 1984 Dec;74(6):2042-8

Effect of dietary fat, carbohydrate, and protein on branched-chain amino acid catabolism during caloric restriction. Vazquez JA, et al. **J Clin Invest** 1985 Aug;76(2):737-43

Influence of triglycerides and free fatty acids in milk replacers on calf performance, blood plasma, and adipose lipids. Jenkins KJ, et al. **J Dairy Sci** 1985 Mar;68(3):669-80

Dissociation of effects of dietary fatty acids on blood pressure and prostanoid metabolism in Goldblatt hypertensive rats. Codde JP, et al. **J Hypertens** 1984 Feb;2(1):65-71

An inhibitory effect of dietary polyunsaturated fatty acids on renin secretion in the isolated perfused rat kidney. Codde JP, et al. **J Hypertens** 1984 Jun;2(3):265-70

Apolipoprotein A-I synthesis in rat small intestine: regulation by dietary triglyceride and biliary lipid. Davidson NO, et al. **J Lipid Res** 1985 Mar;26(3):368-79

Effects of fat ingestion on high density lipoprotein profiles in human sera. Groot PH, et al. **J Lipid Res** 1984 Jul;25(7):684-92

Effects of the degree of saturation of dietary fat on the hepatic production of lipoproteins in the African green monkey. Johnson FL, et al. **J Lipid Res** 1985 Apr;26(4):403-17

Similar bioavailability and lymphatic transport of benzo(a)pyrene when administered to rats in different amounts of dietary fat. Laher JM, et al. **J Lipid Res** 1984 Dec 1;25(12):1357–42

Comparison of effects of dietary saturated, monounsaturated, and polyunsaturated fatty acids on plasma lipids and lipoproteins in man. Mattson FH, et al. **J Lipid Res** 1985 Feb;26(2):194–202

Effects of diet and selected hormones on the activities of hepatic malic enzyme and glucose-6-phosphate dehydrogenase in infant, prematurely weaned rats. Back DW, et al. **J Nutr** 1985 May;115(5):625–32

Effect on the interaction of dietary carbohydrate and fat on the responses of rats to starvation-refeeding. Baltzell JK, et al. **J Nutr** 1985 Jan;115(1):104–10

A comparison of the response of woodchucks and rats to variations in dietary lipotrope and lipid content. Boyd JN, et al. **J Nutr** 1985 Sep;115(9):1136–46

Hepatic level of rat albumin messenger RNA is influenced by factors other than dietary protein. Castro CE, et al. **J Nutr** 1985 Apr;115(4):491–5

Frequency and sequence complexity of liver poly(A)+ mRNAs from rats fed fat-free or high fat diets. Castro CE, et al. **J Nutr** 1984 Oct;114(10):1917–23

The combined effects of dietary protein and fat on prolactin in female rats. Clinton SK, et al. **J Nutr** 1985 Mar;115(3):311–8

Effects of dietary calcium and fat on cholesterol in tissues and feces of young goats. Diersen-Schade DA, et al. **J Nutr** 1984 Dec;114(12):2292–300

Influence of dietary fatty acid concentration and geometric configuration on murine mammary tumorigenesis and experimental metastasis. Erickson KL, et al. **J Nutr** 1984 Oct;114(10):1834–42

Blood flow into brown fat of rats is greater after a high carbohydrate than after a high fat test meal. Glick Z, et al. **J Nutr** 1984 Oct;114(10):1934–9

The effect of a single oral dose of ethyl linoleate on urinary prostaglandin E2 excretion in essential fatty acid-deficient rats. Hansen HS, et al. **J Nutr** 1985 Jan;115(1):39–44

Dietary fat unsaturation enhances drug metabolism in cebus but not in squirrel monkeys. Meydani M, et al. **J Nutr** 1985 May;115(5):573–8

Catabolism of newly formed triglyceride-rich lipoproteins and serum high density lipoproteins in rats fed soybean phospholipid and soybean oil. Murata M, et al. **J Nutr** 1985 Aug;115(8):994–1004

Dietary fat dependence of intestinal 3-hydroxy-3-methylglutaryl coenzyme A (HMG-CoA) reductase activity in rats. Oku H, et al. **J Nutr** 1985 Jul;115(7):880–9

Differential effects of dietary eicosapentaenoic and docosahexaenoic fatty acids on lowering of triglyceride and cholesterol levels in the serum of rats on hypercholesterolemic diet. Kobatake Y, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Aug;30(4):357–72

The influence of marine oil intake upon levels of lipids, alpha-tocopherol and lipid peroxidation in serum and liver of rats. Mouri K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Aug;30(4):307–18

Dietary effects on liver and muscle glycogen repletion in exhaustively exercised rats: energy composition and type of complex carbohydrates. Suzuki M, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Oct;30(5):453–66

Comparative study of the atherogenecity of dietary trans, saturated and unsaturated fatty acids on swine coronary arteries. Toda T, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Apr;31(2):233–41

Fat contents of meals and bioavailability of griseofulvin in man. Ogunbona FA, et al. **J Pharm Pharmacol** 1985 Apr;37(4):283–4

Modification of sympathetic neuronal function in the rat tail artery by dietary lipid treatment. Panek RL, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):578–83

Effects of high erucic acid diet on sphingomyelin biosynthesis in rat lung microsomes. Lecerf J, et al. **J Physiol (Paris)** 1984;79(5):345–51

Effect of dietary fat on growth kinetics of transplantable mammary adenocarcinoma in BALB/c mice. Gabor H, et al. **JNCI** 1985 Jun;74(6):1299–305

Large intestinal carcinogenesis. I. Promotional effect of dietary fatty acid isomers in the rat model. Hogan ML, et al. **JNCI** 1984 Dec;73(6):1293–6

Enhancement of pancreatic carcinogenesis by a dietary unsaturated fat in rats treated with saline or N-nitroso(2-hydroxypropyl)(2-oxopropyl)amine. Longnecker DS, et al. **JNCI** 1985 Jan;74(1):219–22

Lipid modulation of mammary tumor cell cytolysis: direct influence of dietary fats on the effector component of cell-mediated cytotoxicity. Thomas IK, et al. **JNCI** 1985 Mar;74(3):675–80

Comparison of intravenous glucose and fat calories on host and tumor growth. Hak LJ, et al. **JPEN** 1984 Nov-Dec;8(6):657–9

Influence of dietary partially hydrogenated vegetable and marine oils on membrane composition and function of liver microsomes and platelets in the rat. Blomstrand R, et al. **Lipids** 1985 May;20(5):283–95

Effects of different dietary intake of essential fatty acids on C20:3 omega 6 and C20:4 omega 6 serum levels in human adults. Lasserre M, et al. **Lipids** 1985 Apr;20(4):227–33

Dietary fats containing concentrates of cis or trans octadecenoates and the patterns of polyunsaturated fatty acids of liver phosphatidylcholine and phosphatidylethanolamine. Lawson LD, et al. **Lipids** 1985 May;20(5):262–7

Effect of brominated vegetable oils on heart lipid metabolism. Lombardo YB, et al. **Lipids** 1985 Jul;20(7):425–32

The effect of a non-absorbable fat on the turnover of plasma cholesterol in the rat. Mattson FH, et al. **Lipids** 1985 May;20(5):273–7

Activities of liver mixed function oxidase system in rats fed trans fat. Nishiyama K, et al. **Lipids** 1985 May;20(5):325–7

Regulation of prostanoid production by dietary fatty acids. Hornstra G. **Med Biol** 1984;62(5):261–2

Dietary omega-3 fatty acids prevent carbohydrate-induced hypertriglyceridemia. Harris WS, et al. **Metabolism** 1984 Nov;33(11):1016–9

Fat feeding decreases insulin responsiveness of adipose tissue lipoprotein lipase. Sadur CN, et al. **Metabolism** 1984 Nov;33(11):1043–7

The effects of high-carbohydrate and high-fat diets on the serum lipid and lipoprotein concentrations of endurance athletes. Thompson PD, et al. **Metabolism** 1984 Nov;33(11):1003–10

Relation of changes in dietary fatty acid to alterations in linoleic acid content of human cheek cell phospholipids. **Nutr Rev** 1984 Nov;42(11):376–7

Effect of dietary fat level on UV-B induced skin tumors, and anti-tumor action of beta-carotene. Mathews-Roth MM, et al. **Photochem Photobiol** 1984 Nov;40(5):671–3

Long-term effect on the immune status of defined diets during the early postnatal period in the rat. Stěpánková R, et al. **Physiol Bohemoslov** 1985;34(1):49–61

Effect of bile acids and diet composition on lipid absorption in chickens with cannulated bile ducts. Pullen DL, et al. **Poult Sci** 1984 Oct;63(10):2020–6

Dietary saturated triacylglycerols suppress hepatic low density lipoprotein receptor activity in the hamster. Spady DK, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4526–30

Effects of diabetes on the dietary lipid alteration of R3230AC mammary carcinoma growth in rats. Feldman JM, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):105–12

Effects of special lipid diets on the mixed function oxygenase enzyme system in the livers of mice. Spector A, et al. **Proc West Pharmacol Soc** 1984;27:495–9

Dietary fat, prostaglandins and the immune response. Johnston DV, et al. **Prog Food Nutr Sci** 1984;8(1–2):3–25 (67 ref.)

Study of diet and drug interactions on prostanoid metabolism. Codde JP, et al. **Prostaglandins** 1985 Jun;29(6):895–910

The effect of dietary alteration of prostaglandin synthesis on blood pressure and the reversal of hypertension in the one-kidney, one-clip rat. McGowan HM, et al. **Prostaglandins** 1985 May;29(5):727–37

Effect of dietary depletion and repletion of linoleic acid on renal fatty acid composition and urinary prostaglandin excretion. Huang YS, et al. **Prostaglandins Leukotrienes Med** 1984 Aug;15(2):223–8

Incidence of (n-3) essential fatty acid deficiency on trout reproductive processes. Leray C, et al. **Reprod Nutr Dev** 1985;25(3):567–81

Radioimmunoassayable plasma motilin in man. Secretagogues, insulin-induced suppression, renal removal, and plasma components. Jenssen TG, et al. **Scand J Gastroenterol** 1984 Sep;19(6):717–23

Release of cholecystokinin in response to food and intraduodenal fat in pigs, dogs and man. Lilja P, et al. **Surg Gynecol Obstet** 1984 Dec;159(6):557–61

Altered lipid metabolism and impaired clearance of plasma cholesterol in mice fed cyclopropenoid fatty acids. Matlock JP, et al. **Toxicol Appl Pharmacol** 1985 Sep 30;80(3):457–66

The effects of essential fatty acid deficiency on pulmonary alveolar macrophage function. Balint JA, et al. **Trans Am Clin Climatol Assoc** 1984;96:67–78

[Specific contribution of dietary polyunsaturated fatty acids of the n-3 series to the development of nervous system membranes] Bourre JM, et al. **Reprod Nutr Dev** 1985;25(1B):335–40 (Eng. Abstr.) (Fre)

[Effect of a hyperlipidic diet on lipogenesis, storage and utilization of lipids in the pregnant rat] Champigny O, et al. **Reprod Nutr Dev** 1985;25(1B):295–301 (Eng. Abstr.) (Fre)

[Nutritional correction of an excess of unsaturated fatty acids in the body lipids of the growing rat] Guesnet P, et al. **Reprod Nutr Dev** 1984;24(4):387–403 (Eng. Abstr.) (Fre)

[Postnatal development of the fatty acid composition of lipids of adipose and muscle tissue in rabbits on a low-fat diet] Ouhayoun J, et al. **Reprod Nutr Dev** 1985;25(3):505–19 (Eng. Abstr.) (Fre)

[The effect of dietary lipids on microsomal electron transport proteins in the rat] Domke I, et al. **Ann Nutr Metab** 1984;28(5):261–7 (Eng. Abstr.) (Ger)

[Insulin secretion after a protein and lipid meal in healthy subjects] Capani F, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):351–6 (Eng. Abstr.) (Ita)

[Alpha-linolenic acid in the trophism of striated muscle] Caponnetto A, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):2003–7 (Eng. Abstr.) (Ita)

[Effect of dietary lipids and vitamin E on lipid peroxidation in rats exposed to ozone] Nakadoi T. **Nippon Eiseigaku Zasshi** 1984 Oct;39(4):757–69 (Eng. Abstr.) (Jpn)

[Electrical stability of mitochondrial membranes: the role of thyroid hormones and the fat component of the diet] Marzoev AI, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):149–51 (Eng. Abstr.) (Rus)

[Effect of diets supplemented with pork lard and vitamin C on cholesterol and triglyceride levels in young rats] Rebolledo-Varela E, et al. **Rev Esp Fisiol** 1984 Jun;40(2):237–41 (Eng. Abstr.) (Spa)

THERAPEUTIC USE

Effect of mustard & peanut oil on regression of experimentally induced aortic & coronary atherosclerosis of monkeys. Kukreja RS, et al. **Indian J Med Res** 1984 Aug;80:212–7

The effect of dietary manipulation on hepatic lipid accumulation in rats undergoing small intestinal bypass. Kaminski DL, et al. **Int J Obes** 1985;9(1):59–68

Decrease of valproate-induced hyperammonemia in normal subjects by lipid ingestion. Warter JM, et al. **J Neurol Sci** 1985 Jul;69(3):285–90

The influence of diet on the regression of the Walker carcinosarcoma 256 in rats. Kwong E, et al. **J Nutr** 1984 Dec;114(12):2324–30

Linoleic acid absorption from lipid supplements in patients with cystic fibrosis with pancreatic insufficiency and in control subjects. McKenna MC, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):45–51

TOXICITY

Succinate dehydrogenase activity in relation with cardiac morphology in rats fed low erucic acid rapeseed oil. Grynberg A, et al. **Arch Anat Microsc Morphol Exp** 1984;73(4):231–8

Toxicity of orally administered fat to the colonic epithelium of mice. Bird RP, et al. **Carcinogenesis** 1985 Jul;6(7):1063–6

Long-term effects of partially hydrogenated herring oil on the rat myocardium. Schiefer HB, et al. **Drug Nutr Interact** 1982;1(2):89–102

Influence of dietary lipid upon ultraviolet light-carcinogenesis. Black HS, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4–5):271–82

Spontaneous tumor incidence in female brown Norway rats after lifelong diets high and low in linoleic acid. Kort WJ, et al. **JNCI** 1985 Feb;74(2):529–36

DIETARY FIBER

Health implications of wheat fiber. Anderson JW. **Am J Clin Nutr** 1985 May;41(5 Suppl):1103–12 (95 ref.)

Intake of dietary fibre and the age of menarche. Hughes RE, et al. **Ann Hum Biol** 1985 Jul-Aug;12(4):325–32

Acute appendicitis and dietary fibre: an alternative hypothesis. Barker DJ. **Br Med J [Clin Res]** 1985 Apr 13;290(6475):1125–7

Dietary fibre intakes of individuals with different eating patterns. Davies GJ, et al. **Hum Nutr Appl Nutr** 1985 Apr;39(2):139–48

Effect of wheat bran on zinc absorption. Farah DA, et al. **Hum Nutr Clin Nutr** 1984 Nov;38(6):433–41

Influence of dietary fiber on the performance and cellulase activity of growing-finishing swine. Varel VH, et al. **J Anim Sci** 1984 Aug;59(2):388–93

Adsorption of pyrolysate mutagens by vegetable fibers. Kada T, et al. **Mutat Res** 1984 Nov-Dec;141(3–4):149–52

[Constipation during pregnancy. Treatment with Dumovital fiber tablets] Gregersen E. **Ugeskr Laeger** 1985 Jan 7;147(2):91–3 (Eng. Abstr.) (Dan)

[Bulk in human nutrition—actions and adverse effects] Franz G. **Pharm Unserer Zeit** 1985 Jan;14(1):1–7 (Ger)

[Dietary fiber in human nutrition] Guggenheim YK. **Harefuah** 1984 Sep;107(5–6):138–42 (Heb)

ADMINISTRATION & DOSAGE

Fiber intakes, stool frequency, and stool weights of subjects consuming self-selected diets. Kelsay JL, et al. **Am J Clin Nutr** 1984 Dec;40(6 Suppl):1357–60

Estimation of dietary fiber supply [letter] Rutishauser IH. **Am J Clin Nutr** 1985 Apr;41(4):824–6

High fibre diet in symptomatic diverticular disease of the colon. Leahy AL, et al. **Ann R Coll Surg Engl** 1985 May;67(3):173–4

Relationship between changes in plasma lipoprotein concentrations and fecal steroid excretion in man during consumption of four experimental diets. Kay RM, et al. **Atherosclerosis** 1985 Apr;55(1):15–23

Acute appendicitis and dietary fibre [letter] **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1660–1

Dietary intake in a group of institutionalised elderly and the effect of a fibre supplementation programme on nutrient intake and weight gain. Baghurst KI, et al. **Community Health Stud** 1985;9(2):99–108

Fiber and diabetes [letter] Mann JI. **Diabetes Care** 1985 Mar-Apr;8(2):192–4

Effect of a high fibre, high carbohydrate dietary regimen on serum lipids and lipoproteins in type II hypertensive diabetic patients. Pacy PJ, et al. **Diabetes Res** 1984 Sep;1(3):159–63

Comparison of the hypotensive and metabolic effects of metoprolol therapy with a high fibre, low sodium, low fat diet in hypertensive type 2 diabetic subjects. Pacy PJ, et al. **Diabetes Res** 1984 Nov;1(4):201–7

A controlled trial of a high fibre, low fat and low sodium diet for mild hypertension in Type 2 (non-insulin-dependent) diabetic patients. Dodson PM, et al. **Diabetologia** 1984 Nov;27(5):522–6

A prospective comparison of 'conventional' and high carbohydrate/high fibre/low fat diets in adults with established type 1 (insulin-dependent) diabetes. McCulloch DK, et al. **Diabetologia** 1985 Apr;28(4):208–12

Treatment of solitary rectal ulcer syndrome with high-fiber diet and abstention of straining at defecation. van den Brandt-Grädel V, et al. **Dig Dis Sci** 1984 Nov;29(11):1005–8

Prophylaxis of constipation by wheat bran: a randomized study in hospitalized patients. Kochen MM, et al. **Digestion** 1985;31(4):220–4

Differing effects of low and high bulk maternal dietary supplements during pregnancy. Ross SM, et al. **Early Hum Dev** 1985 Jan;10(3–4):295–302

Effect of long-term administration of dietary fiber on the exocrine pancreas in the rat. Sommer H, et al. **Hepatogastroenterology** 1984 Aug;31(4):176–9

Long-term follow-up of the treatment of essential hypertension with a high-fibre, low-fat and low-sodium dietary regimen. Dodson PM, et al. **Hum Nutr Clin Nutr** 1985 May;39(3):213–20

Different dietary fibre formulations and the irritable bowel syndrome. Fielding JF, et al. **Ir J Med Sci** 1984 May;153(5):178–80

Adherence to high-carbohydrate, high-fiber diets: long-term studies of non-obese diabetic men. Story L, et al. **J Am Diet Assoc** 1985 Sep;85(9):1105–10

Postprandial hyperglycemia after ingestion of peeled and non-peeled fruits in type-2 diabetics. Katsilambros N, et al. **J Endocrinol Invest** 1985 Jun;8(3):189–91

Comparison of the hypotensive and metabolic effects of bendrofluazide therapy and a high fibre, low fat, low sodium diet in diabetic subjects with mild hypertension. Pacy PJ, et al. **J Hypertens** 1984 Apr;2(2):215–20

Low-dose guar improves diabetic control. Jones DB, et al. **J R Soc Med** 1985 Jul;78(7):546–8

Bowel function of healthy men consuming liquid diets with and without dietary fiber. Slavin JL, et al. **JPEN J Parenter Enteral Nutr** 1985 May-Jun;9(3):317–21

The influence of the grower diet and fat in the layer diet on performance of turkey hens. Harms RH, et al. **Poult Sci** 1984 Aug;63(8):1634–7

The effect of relative bowel rest on collagen metabolism and suture holding capacity in the colonic wall. Studies in the rat. Blomquist P, et al. **Res Exp Med (Berl)** 1984;184(4):221–6

Dietary aspects of peptic ulcer disease. Rydning A, et al. **Scand J Gastroenterol [Suppl]** 1985;110:29–33

[Guar gum in the treatment of diabetes and hypercholesterolemia] Uusitupa M, et al. **Duodecim** 1985;101(6):571–7 (Fin)

[Endogenous nitrogen metabolism processes in 15N-labeled swine. 2. Fecal excretion of amino acids and 15N-labeled amino acids with diets differing in crude fiber content] Bergner U, et al. **Arch Tierernahr** 1984 Aug;34(8):505–17 (Eng. Abstr.) (Ger)

[Effect of bran diet on organic acids in the gastrointestinal tract and apparent digestibility in weanling piglets] Schnabel E, et al. **Arch Tierernahr** 1984 Oct;34(10):689–97 (Eng. Abstr.) (Ger)

[Effect of a pectin-containing bran product on gastrointestinal passage and metabolism] Matzkies F, et al. **Fortschr Med** 1985 Jun 13;103(22):616–8 (Eng. Abstr.) (Ger)

[Fiber-rich snacks with reference to their effect on the digestive activity and blood lipids of the elderly] Wirths W, et al. **Z Gerontol** 1985 Mar-Apr;18(2):107–10 (Eng. Abstr.) (Ger)

[Ingestion of button-batteries by children: the conservative approach] Shoshany G, et al. **Harefuah** 1985 Feb 15;108(4):183–5 (Eng. Abstr.) (Heb)

[Diet and metabolic control in diabetes mellitus. Influence of carbohydrates and dietary fiber] Tornaghi G, et al. **Minerva Dietol Gastroenterol** 1984 Jul-Sep;30(3):239–43 (Eng. Abstr.) (Ita)

[An epidemiological study on relationship between intake of dietary fiber and colonic diseases] Ohta M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):51–7 (Eng. Abstr.) (Jpn)

[Effect of wheat bran included in an anti-atherosclerotic diet on the lipid metabolic indices of ischemic heart disease patients] Meshcheriakova VA, et al. **Vopr Pitan** 1985 May-Jun;(3):9–13 (Eng. Abstr.) (Rus)

[Diets with a high carbohydrate content and fiber supplements in diabetes mellitus (II). Effect on lipid metabolism] Calle Pascual AL, et al. **Med Clin (Barc)** 1984 Sep 22;83(8):321–5 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

Dietary fiber in pancreatic disease: effect of high fiber diet on fat malabsorption in pancreatic insufficiency and in vitro study of the interaction of dietary fiber with pancreatic enzymes. Dutta SK, et al. **Am J Clin Nutr** 1985 Mar;41(3):517–25

Nonpersimmon gastric phytobezoars [letter] Selen JW. **Arch Intern Med** 1985 Mar;145(3):577–8

Amino acid and dipeptide absorption in rats fed chemically defined diets of differing fiber compositions. Freeman HJ. **Can J Physiol Pharmacol** 1984 Sep;62(9):1097–101

ANALYSIS

Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer. Determination of fiber and fiber constituents in food and stools. Kurup PA, et al. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):961–3

Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer. Composition, intake, and excretion of fiber constituents. Kurup PA, et al. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):942–6

Phytic acid in bran and in 'natural' foods. Cerutti G, et al. **Boll Chim Farm** 1984 Sep;123(9):408–15

Modifications to swede (Brassica napus L.) anterior to the terminal ileum of pigs: some implications for the analysis of dietary fibre. Millard P, et al. **Br J Nutr** 1984 Nov;52(3):583–94

Mathematical model to obtain cholesterol, P/S ratio, and fiber daily intake [letter] Tater D, et al. **Diabetes Care** 1985 Mar-Apr;8(2):194–5

Dietary fiber constituents of selected fruits and vegetables. Ross JK, et al. **J Am Diet Assoc** 1985 Sep;85(9):1111–6

Determination of total dietary fiber in foods and food products: collaborative study. Prosky L, et al. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):677–9

Dietary fibre in bread and corresponding flours—formation of resistant starch during baking. Johansson CG, et al. **Z Lebensm Unters Forsch** 1984 Jul;179(1):24–8

[Effects of various methods on the determination of dietary fiber and available carbohydrates on the calculation of the energy content of bread] Wisker E, et al. **Z Lebensm Unters Forsch** 1984 Oct;179(4):333–40 (Eng. Abstr.) (Ger)

METABOLISM

Mineral contents of brans passed through the human GI tract. Dintzis FR, et al. **Am J Clin Nutr** 1985 May;41(5):901–8

Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer. Binding of bile salts to dietary residues. Tepper SA, et al. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):947–8

Enumeration and activity of cellulolytic bacteria from gestating swine fed various levels of dietary fiber. Varel VH, et al. **Appl Environ Microbiol** 1985 Apr;49(4):858–62

Metabolism of protein supplements studied by the rumen simulation technique (Rusitec). Czerkawski JW, et al. **Arch Tierernahr** 1985 Apr;35(4):261–77

Site and extent of starch and neutral detergent fiber digestion as affected by source of calcium and level of corn. Brink DR, et al. **J Anim Sci** 1985 May;60(5):1330–7

Effect of forage: concentrate on kinetics of forage fiber digestion in vivo. Miller BG, et al. **J Dairy Sci** 1985 Jan;68(1):40–4

Protein, fiber, and mineral nutrition of growing dairy goats. Randy HA, et al. **J Dairy Sci** 1984 Dec;67(12):2974–7

Composition of fecal fiber from human subjects. Marlett JA, et al. **J Nutr** 1985 May;115(5):650–60

The potential of ruminants for the utilization of fibrous low-quality diets. von Engelhardt W, et al. **Proc Nutr Soc** 1985 Feb;44(1):37–43

Short-chain fatty acid fermentation products of plant fiber affect glucose metabolism of isolated rat hepatocytes. Anderson JW, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):372–6

Dietary fiber and cholesterol and bile acid metabolism in axenic (germfree) and holoxenic (conventional) rats. III. Effect of non-sterilized pectin. Sacquet E, et al. **Reprod Nutr Dev** 1985;25(1A):93–100

PHARMACODYNAMICS

The effect of unprocessed wheat bran on blood glucose and plasma immunoreactive insulin levels during oral glucose tolerance test in obese children. Molnár D, et al. **Acta Paediatr Hung** 1985;26(1):75–7

Dietary fiber and intestinal adaptation: effects on intestinal and pancreatic digestive enzyme activities. Calvert R, et al. **Am J Clin Nutr** 1985 Jun;41(6):1249–56

The effects of sorghum and wheat bran on the colonic functions of healthy Sudanese subjects. Fedail SS, et al. **Am J Clin Nutr** 1984 Oct;40(4):776–9

Dietary fiber effects on passage rate and breath hydrogen. Hanson CF, et al. **Am J Clin Nutr** 1985 Jul;42(1):44–8

The effects of the fiber components pectin, cellulose and lignin on serum cholesterol levels. Hillman LC, et al. **Am J Clin Nutr** 1985 Aug;42(2):207–13

A stable isotope study of copper absorption in young men: effect of phytate and alpha-cellulose. Turnlund JR, et al. **Am J Clin Nutr** 1985 Jul;42(1):18–23

Stimulation of intestinal cytokinetics and mucin turnover in rats fed wheat bran or cellulose. Vahouny GV, et al. **Am J Clin Nutr** 1985 May;41(5):895–900

Long-term evolution of the effect of bran ingestion on meal-induced glucose and insulin responses in healthy man. Villaume C, et al. **Am J Clin Nutr** 1984 Nov;40(5):1023–6

Effect of dietary cellulose on site of lipid absorption. Gallaher D, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G184–91

Plasma lipid and lipoprotein cholesterol levels in swine. Modification of protein-induced response by added cholesterol and soy fiber. Cho BH, et al. **Atherosclerosis** 1985 Jul;56(1):39–49

Does guar gum improve post-prandial hyperglycaemia in humans by reducing small intestinal contact area? Blackburn NA, et al. **Br J Nutr** 1984 Sep;52(2):197–204

Effect of dietary supplements of guar gum and cellulose on intestinal cell proliferation, enzyme levels and sugar transport in the rat. Johnson IT, et al. **Br J Nutr** 1984 Nov;52(3):477–87

Effect of guar gum on nitrogen secretion into isolated loops of jejunum in conscious growing pigs. Low AG, et al. **Br J Nutr** 1984 Nov;52(3):499–505

Effect of guar gum on glucose and water absorption from isolated loops of jejunum in conscious growing pigs. Rainbird AL, et al. **Br J Nutr** 1984 Nov;52(3):489–98

Microbial protein synthesis in cattle given roughage-concentrate and all-concentrate diets: the use of 2,6-diaminopimelic acid, 2-aminoethylphosphonic acid and 35S as markers. Whitelaw FG, et al. **Br J Nutr** 1984 Sep;52(2):249–60

Effect of whole and fractionated dietary alfalfa meal on zearalenone toxicosis and metabolism in rats and swine. Stangroom KE, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1219–24

Differential effects of dietary fibers on rat intestinal circular muscle cell size. Jacobs LR. **Dig Dis Sci** 1985 Mar;30(3):247–52

Cholesterol absorption and sterol balance in normal subjects receiving dietary fiber or ursodeoxycholic acid. Salvioli G, et al. **Dig Dis Sci** 1985 Apr;30(4):301–7

The influence of dietary fiber on gastric transit time. Kasper H, et al. **Hepatogastroenterology** 1985 Apr;32(2):69–71

Role of gastrointestinal transit in the delay of absorption by viscous fibre (guar). Lembcke B, et al. **Hepatogastroenterology** 1984 Aug;31(4):183–6

Hormonal and metabolic responses to breakfast meals in niddm: comparison of white and whole-grain wheat bread and corresponding extruded products. Hagander B, et al. **Hum Nutr Appl Nutr** 1985 Apr;39(2):114–23

The effect of different types of Finnish bread on postprandial glucose response in diabetic patients. Heinonen L, et al. **Hum Nutr Appl Nutr** 1985 Apr;39(2):108–13

Beneficial short-term effects of unprocessed wheat bran on lipid and glucose metabolism in man. Moore DJ, et al. **Hum Nutr Clin Nutr** 1985 Jan;39(1):63–7

Effect of dietary fiber from banana (Musa paradisiaca) on cholesterol metabolism. Usha V, et al. **Indian J Exp Biol** 1984 Oct;22(10):550–4

Effect of whole buckwheat (Fagopyrum esculentum) flour supplementation on lipid profile & glucose tolerance. Bijlani RL, et al. **Indian J Med Res** 1985 Feb;81:162–8

Effects of fiber and virginiamycin on nutrient absorption, nutrient retention and rate of passage in growing swine. Ravindran V, et al. **J Anim Sci** 1984 Aug;59(2):400–8

Dietary fibers and supplementary iron in a milk replacer for veal calves. Bernier JF, et al. **J Dairy Sci** 1984 Oct;67(10):2369–79

Stimulation of absorption of volatile fatty acids and minerals in the cecum of rats adapted to a very high fiber diet. Demigné C, et al. **J Nutr** 1985 Jan;115(1):53–60

Effect of wheat bran, pectin and cellulose on the secretion of bile lipids in rats. Lafont H, et al. **J Nutr** 1985 Jul;115(7):849–55

Effect of indigestible polysaccharides on pancreatic exocrine secretion and biliary output. Ikegami S, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Dec;30(6):515–23

Effects of various dietary staples on esophageal carcinogenesis induced in rats by subcutaneously administered N-nitrosomethylbenzylamine. van Rensburg SJ, et al. **JNCI** 1985 Sep;75(3):561–6

The effect of wheat bran on the pharmacokinetics of phenprocoumon in normal volunteers. Kitteringham NR, et al. **Klin Wochenschr** 1985 Jun 18;63(12):537–9

Guar by-product improves carbohydrate tolerance in rats. Chiu SS, et al. **Metabolism** 1985 May;34(5):481–5

Influence of fiber on acidity, pepsin, and bile acids in human gastric juice in vitro. Rydning A, et al. **Scand J Gastroenterol** 1984 Oct;19(7):953–9

Influence of fiber on postprandial intragastric juice acidity, pepsin, and bile acids in healthy subjects. Rydning A, et al. **Scand J Gastroenterol** 1984 Nov;19(8):1039–44

The effect of guar gum and fiber-enriched wheat bran on gastric emptying of a semisolid meal in healthy subjects. Rydning A, et al. **Scand J Gastroenterol** 1985 Apr;20(3):330–4

Influence of dietary fiber (konjac mannan) on absorption of vitamin B12 and vitamin E. Doi K, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:677–81

[Physiological function of dietary fiber and its relation with certain diseases] Xu XZ. **Chung Hua I Hsueh Tsa Chih** 1984 Jun;64(5):393–6 (Chi)

[Effects of dietary fiber on the bowel function of patients with diabetes mellitus] Nakamura T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):1955–61 (Eng. Abstr.) (Jpn)

PHYSIOLOGY

Effect of dietary carbohydrate on cholesterol lowering action of blackgram fiber. Thomas M, et al. **Indian J Biochem Biophys** 1984 Apr;21(2):148–50

THERAPEUTIC USE

The clinical implications of dietary fiber. Jenkins DJ, et al. **Adv Nutr Res** 1984;6:169–202 (190 ref.)

Hypocholesterolemic effects of oat-bran or bean intake for hypercholesterolemic men. Anderson JW, et al.

Am J Clin Nutr 1984 Dec;40(6):1146–55

Effects of guar gum on plasma lipoproteins and apolipoproteins C–II and C–III in patients affected by familial combined hyperlipoproteinemia. Bosello O, et al. **Am J Clin Nutr** 1984 Dec;40(6):1165–74

Reduction in symptoms after proximal selective vagotomy through increased dietary viscosity. Harju E, et al. **Am J Gastroenterol** 1984 Nov;79(11):861–3

Fiber intake and childhood appendicitis. Brender JD, et al. **Am J Public Health** 1985 Apr;75(4):399–400

Guar gum benefits duodenal ulcer patients by decreasing gastric acidity and rate of emptying of gastric contents 60 to 120 minutes postprandially. Harju E. **Am Surg** 1984 Dec;50(12):668–72

Dietary suppression of colonic cancer. Fiber or phytate? Graf E, et al. **Cancer** 1985 Aug 15;56(4):717–8

Treatment of chronic renal failure with dietary fiber [letter] Yatzidis H, et al. **Clin Nephrol** 1985 Feb;23(2):106–7

Colonic transit after fibre supplementation in patients with haemorrhoids. Andersson H, et al. **Hum Nutr Appl Nutr** 1985 Apr;39(2):101–7

Effect of glucomannan on obese patients: a clinical study. Walsh DE, et al. **Int J Obes** 1984;8(4):289–93

Rice bran treatment for patients with hypercalciuric stones: experimental and clinical studies. Ohkawa T, et al. **J Urol** 1984 Dec;132(6):1140–5

Effect of guar gum added to the diet of patients with duodenal ulcer. Harju EJ, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul–Aug;9(4):496–500

Constipation, dietary fibre and the control of large bowel function. Cummings JH. **Postgrad Med J** 1984 Nov;60(709):811–9 (60 ref.)

The irritable bowel controversy. Fielding JF. **Proc Nutr Soc** 1985 Feb;44(1):139–40 (21 ref.)

The effect of coarse wheat bran in the irritable bowel syndrome. A double–blind cross–over study. Arffmann S, et al. **Scand J Gastroenterol** 1985 Apr;20(3):295–8

[Fiber–rich diet in the treatment of diabetics in renal failure] Parillo M, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):317–9 (Eng. Abstr.) **(Ita)**

[Plant fibers and type 2 diabetes] Riccardi G, et al. **Minerva Endocrinol** 1984 Apr–Jun;9(2):213–20 (Eng. Abstr.) **(Ita)**

[Experience using a diet enriched with crude–fiber carbohydrates (plantix) in treating diabetic patients at sanatoria and health resorts] Chediia ES, et al. **Ter Arkh** 1984;56(10):102–4 **(Rus)**

[Diets with a high carbohydrate content and with fiber supplements in diabetes mellitus. I. Effect on blood sugar control] Calle Pascual AL, et al. **Med Clin (Barc)** 1984 Sep 15;83(7):271–5 (Eng. Abstr.) **(Spa)**

TOXICITY

Long–term ingestion of guar gum is not toxic in patients with noninsulin–dependent diabetes mellitus. McIvor ME, et al. **Am J Clin Nutr** 1985 May;41(5):891–4

Hypertrophic effect of unavailable carbohydrate on cecum and colon in rats. Konishi F, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Aug;30(4):373–9

DIETARY FORMULATIONS see **FOOD, FORMULATED**

DIETARY HABITS see **FOOD HABITS**

DIETARY PROTEINS

see related
PROTEIN DEFICIENCY

Yeast as protein source for human nutrition (a review). Rosales FH. **Acta Microbiol Hung** 1984;31(3):159–72 (120 ref.)

Nutritional studies on Spirulina maxima. Maranesi M, et al. **Acta Vitaminol Enzymol** 1984;6(4):295–304

Effect of protein treatment on the enzymatic hydrolysis of lysinoalanine and other amino acids. Savoie L. **Adv Exp Med Biol** 1984;177:413–22

Stability of enzyme inhibitors and lectins in foods and the influence of specific binding interactions. Zahnley JC. **Adv Exp Med Biol** 1984;177:333–65 (136 ref.)

A role for vagus nerve in regulation of protein and carbohydrate intake. Li ET, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):E815–21

Use of nonprotein nitrogen in pigs: effects of dietary urea on the intestinal microflora. Benno Y, et al. **Am J Vet Res** 1985 Apr;46(4):959–62

A critical assessment of plasma alkaline ribonuclease as an indicator of protein nutritional status in infancy. Scott PH, et al. **Ann Clin Biochem** 1984 Sep;21 (Pt 5):357–62

The complementation effects on dietary protein of ungerminated and germinated mung bean (Phaseolus aureus) with rice. Noor MI, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):366–75

Learned aversions to proteins in rats on a dietary self–selection regimen. Bernstein IL, et al. **Behav Neurosci** 1984 Dec;98(6):1065–72

Effect of the gut microflora on chick growth and utilisation of protein and energy at different concentrations of dietary protein. Furuse M, et al. **Br Poult Sci** 1985 Jan;26(1):97–104

Nutritional status, energy and protein intake in general medical patients in three Nordic hospitals. Sandström B, et al. **Hum Nutr Appl Nutr** 1985 Apr;39(2):87–94

Effect of dietary protein composition on hepatic protein and enzymes (arginase tyrosine amino transferase and lactic dehydrogenase) in young rats. Gupta RD, et al. **Indian J Med Sci** 1984 Jun;38(6):109–13

Effects of combining protein sources on lysine utilization by starter pigs. Cosgrove SB, et al. **J Anim Sci** 1985 Feb;60(2):470–3

Effects of number of lambs suckled and supplemental protein source on lactating ewe performance. Loerch SC, et al. **J Anim Sci** 1985 Jan;60(1):6–13

Effect of dietary crude protein level on the reproductive performance and growth of New Zealand white rabbits. Sanchez WK, et al. **J Anim Sci** 1985 Apr;60(4):1029–39

Comparison of interlaboratory variation in amino acid analysis and rat growth assays for evaluating protein quality. Sarwar G, et al. **J Assoc Off Anal Chem** 1985 Jan–Feb;68(1):52–6

Inter– and intra–laboratory variability in rat growth assays for estimating protein quality of foods. Sarwar G, et al. **J Assoc Off Anal Chem** 1984 Sep–Oct;67(5):976–81

Response of lactating cows to pelleted and unpelleted soybean meal after partial protein depletion. Polan CE, et al. **J Dairy Sci** 1985 Jul;68(7):1696–705

Interaction of protein percent with caloric density and protein source for lactating cows. Van Horn HH, et al. **J Dairy Sci** 1985 Jul;68(7):1682–95

Protein sources evaluated for ruminating Holstein calves. Zerbini E, et al. **J Dairy Sci** 1985 Jun;68(6):1416–24

Dietary regulation of protein synthesis in the exocrine pancreas. Lahaie RG. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S43–50 (51 ref.)

Consumption of betel nut and its possible contribution to protein and energy intakes. Weegels P, et al. **Papua New Guinea Med J** 1984 Mar;27(1):37–9

Self–selection of dietary casein and soy–protein by the cat. Cook NE, et al. **Physiol Behav** 1985 Apr;34(4):583–94

Dietary self–selection and the regulation of protein and energy intake in chicks. Elkin RG, et al. **Physiol Behav** 1985 May;34(5):743–9

Targets of learned food aversions in humans. Midkiff EE, et al. **Physiol Behav** 1985 May;34(5):839–41

Physiological casein and gluten protein requirements of growing rats. Dibák O, et al. **Physiol Bohemoslov** 1984;33(4):320–35

Characteristics of adipose tissue growth in broiler–type chickens to 22 weeks of age and the effects of dietary protein and lipid. March BE, et al. **Poult Sci** 1984 Nov;63(11):2207–16

The effect of autoclaving and enzyme supplementation of guar meal on the performance of chicks and laying hens. Patel MB, et al. **Poult Sci** 1985 Jun;64(6):1148–56

Energy and protein relationships in the broiler. 1. Effect of protein levels and feeding regimens on growth, body composition, and in vitro lipogenesis of broiler chicks. Rosebrough RW, et al. **Poult Sci** 1985 Jan;64(1):119–26

Food from micro–organisms. Kirsop B. **Proc Nutr Soc** 1985 Feb;44(1):13–7

Influence of dietary protein on the pathophysiology of ovine haemonchosis in Finn Dorset and Scottish Blackface lambs given a single moderate infection. Abbott EM, et al. **Res Vet Sci** 1985 Jan;38(1):54–60

Influence of dietary protein on parasite establishment and pathogenesis in Finn Dorset and Scottish Blackface lambs given a single moderate infection of Haemonchus contortus. Abbott EM, et al. **Res Vet Sci** 1985 Jan;38(1):6–13

Passage of undegraded dietary antigen into the blood of healthy adults. Quantification, estimation of size distribution, and relation of uptake to levels of specific antibodies. Husby S, et al. **Scand J Immunol** 1985 Jul;22(1):83–92

Use of by–products and supplementary protein in dairy cow nutrition. Orskov ER, et al. **Vet Rec** 1985 Jun 8;116(23):607–10

[Evaluation of nutritional intake of proteins, lipids and carbohydrates by the adult population resident in Geneva] Morabia A, et al. **Soz Praventivmed** 1984;29(4–5):215–7 (Eng. Abstr.) **(Fre)**

[Effect of mixed protein silage in feed on the digestive tract and metabolism parameters in swine] Bolduan G, et al. **Arch Tierernahr** 1985 Mar;35(3):183–96 (Eng. Abstr.) **(Ger)**

[Safety of a new food product—a dry protein mixture] Maistruk PN, et al. **Vopr Pitan** 1984 Sep–Oct;(5):51–4 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Evaluation of the quantitative state of individual cell types in rat gastric and duodenal mucosa during normoprotein nutrition and chronic ethanol intake. Study II. Pavlović M, et al. **Acta Med Iugosl** 1985;39(1):57–73

Effect of a low–protein diet on the serum and liver lipid content of rats. Ristić V, et al. **Acta Med Iugosl** 1985;39(2):117–23

Integrity, histologic organization and renewal ability of rat gastric and duodenal mucosa under conditions of a normoprotein dietary regime and chronic alcohol ingestion. Study I. Todorović V, et al. **Acta Med Iugosl** 1985;39(1):41–55

Metabolism of L–cysteine in rats fed low and high protein diets. Mikami H, et al. **Acta Med Okayama** 1984 Oct;38(5):415–21

Influence of protein intake on renal hemodynamics and plasma hormone concentrations in normal subjects. Bergström J, et al. **Acta Med Scand** 1985;217(2):189–96

The effect of reduced dietary protein level on the activity of transketolase and glutathione reductase in pig erythrocytes. Mlodkowski M, et al. **Acta Physiol Pol** 1983 Sep–Dec;34(5–6):511–8

Human protein requirements. Problems of maintaining nitrogen balance on a low income. Harper AE. **Ala J Med Sci** 1984 Oct;21(4):389–94

Calorie and protein intake and balance of men and women consuming self–selected diets. Miles CW, et al. **Am J Clin Nutr** 1984 Dec;40(6 Suppl):1361–7

Anthropometric and calorimetric evidence for the protein sparing effects of a new protein supplemented low calorie preparation. Van Gaal LF, et al. **Am J Clin Nutr** 1985 Mar;41(3):540–4

A comparison of two very–low–calorie diets: protein–sparing–modified fast versus protein–formula–liquid diet. Wadden TA, et al. **Am J Clin Nutr** 1985 Mar;41(3):533–9

Protein quality and quantity in preterm infants receiving the same energy intake. Darling P, et al. **Am J Dis Child** 1985 Feb;139(2):186–90

Correction of uremic cellular injury with a protein–restricted amino acid–supplemented diet. Cotton JR, et al. **Am J Kidney Dis** 1985 May;5(5):233–6

Dietary protein intake conditions the degree of renal vasoconstriction in acute renal failure caused by ureteral obstruction. Ichikawa I, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F54–61

Increased sympathetic nervous system activity in rats fed a low–protein diet. Young JB, et al. **Am J Physiol** 1985 May;248(5 Pt 2):R627–37

Inhibition of gonadotropin and prostaglandin stimulation of testicular steroidogenesis in malnourished rats. Nduka EU, et al. **Andrologia** 1984 Sep–Oct;16(5):406–9

Effects of excess dietary L–cystine on the rat plasma lipoproteins. Sérougne C, et al. **Ann Nutr Metab** 1984;28(5):311–20

Albumin–synthesizing capacity of hepatocytes isolated from rats fed diets differing in protein and energy content. Smith JE, et al. **Ann Nutr Metab** 1984;28(5):281–7

The effects of moderate protein or energy supplements on subsequent nutrient intake in man. Stockley L, et al. **Appetite** 1984 Sep;5(3):209–19

Amino acid and protein requirements in a preterm infant with classic phenylketonuria. Shortland D, et al. **Arch Dis Child** 1985 Mar;60(3):263–5

Investigations about influence of the content of plant crude protein in the ration on the utilization of urea in dairy cattle. 6. Digestive enzymes and their interactions in contents of proximal small intestine. Baintner K, et al. **Arch Tierernahr** 1984 Jul;34(7):496–504

Investigations of the influence of the content of plant crude protein in the ration on the utilisation of urea in dairy cattle. 5. 15N–fractions in the blood of lactating cows given 15N–urea intraruminantly. Motyl T, et al. **Arch Tierernahr** 1984 Jul;34(7):489–95

The influence of urea diet supplemented with protected protein on metabolism and wool growth in sheep. Motyl T, et al. **Arch Tierernahr** 1984 Sep;34(9):623–30

Protein–diet–induced elevation of 5–phosphoribosyl 1–diphosphate concentrations in mouse liver associated with increased syntheses of various nucleotides and the possible involvement of glucagon. Chikenji T, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):274–81

Undernutrition in sheep. The effect of supplementation with protein on protein accretion. Fattet I, et al. **Br J Nutr** 1984 Nov;52(3):561–74

Selective effect of low protein diets in chronic renal diseases. El Nahas AM, et al. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1337–41

Low protein diets in chronic renal disease [letter] Williams AJ, et al. **Br Med J [Clin Res]** 1984 Dec 15;289(6459):1696–7

Effects of dietary protein concentration and corticosterone injections on energy and nitrogen balances and fat deposition in broiler chicks. Bartov I. **Br Poult Sci** 1985 Jul;26(3):311–24

Effect of the gut microflora on the size and weight of organs of chicks fed diets of different protein content. Furuse M, et al. **Br Poult Sci** 1984 Jul;25(3):429–39

Biotin requirements of broiler breeders fed diets of different protein content and effect of insufficient biotin on the viability of progeny. Whitehead CC, et al. **Br Poult Sci** 1985 Jan;26(1):73–82

Limited–protein diet: a means of delaying the progression of chronic renal disease? Hirsch DJ. **Can Med Assoc J** 1985 Apr 15;132(8):913–7

Limited–protein diet in chronic renal disease [letter] Taylor P. **Can Med Assoc J** 1985 Sep 15;133(6):548–50

Tissue nitrogen–sparing effect of high protein diet in mice with or without ascites tumor treated with Acinetobacter glutaminase–asparaginase. Kien CL, et al. **Cancer Res** 1985 Oct;45(10):4876–82

Undernutrition and the protein story [editorial] Mossop RT. **Cent Afr J Med** 1984 Jul;30(7):133–4

Relationship between the changes in serum thyroid hormone levels and protein status during prolonged protein supplemented caloric deprivation. Kaptein EM, et al. **Clin Endocrinol (Oxf)** 1985 Jan;22(1):1–15

Effect of protein ingestion on the glucose and insulin response to a standardized oral glucose load. Nuttall FQ, et al. **Diabetes Care** 1984 Sep–Oct;7(5):465–70

Augmented hepatic susceptibility to malathion toxicity in rats on low-protein diets. Bulusu S, et al. **Environ Res** 1984 Oct;35(1):53–65

Effects of potassium supplementation on insulin binding and insulin action in human obesity: protein-modified fast and refeeding. Norbiato G, et al. **Eur J Clin Invest** 1984 Dec;14(6):414–9

Influence of diet on plasma tryptophan and brain serotonin levels in mice. De Marte ML, et al. **Experientia** 1985 Jan 15;41(1):48–50

Hyposplenism and gluten-sensitive enteropathy. Natural history, incidence, and relationship to diet and small bowel morphology. O'Grady JG, et al. **Gastroenterology** 1984 Dec;87(6):1326–31

Beneficial effect of vegetable protein diet supplemented with psyllium plantago in patients with hepatic encephalopathy and diabetes mellitus. Uribe M, et al. **Gastroenterology** 1985 Apr;88(4):901–7

Protein and energy relations in the broiler. 3. Growth and in vitro lipid metabolism in male and female chickens used as parent stock. Rosebrough RW, et al. **Growth** 1985 Spring;49(1):63–77

Urea synthesis after protein feeding reflects hepatic mass in rats. Brewer TG, et al. **Hepatology** 1984 Sep–Oct;4(5):905–11

Is there a role for gluten-free diets in multiple sclerosis? Hewson DC. **Hum Nutr Appl Nutr** 1984 Dec;38(6):417–20

Effects of an overload of animal protein on the rat: brain DNA alterations and tissue morphological modifications during fetal and post-natal stage. Greco AM, et al. **Int J Vitam Nutr Res** 1985;55(1):107–12

Protein-sparing diet for severely obese adolescents: design and use of an equivalency system for menu planning. Bell L, et al. **J Am Diet Assoc** 1985 Apr;85(4):459–64

Hormonal responses to high and low planes of nutrition in weanling thoroughbreds. Glade MJ, et al. **J Anim Sci** 1984 Sep;59(3):658–65

Effect of dietary gestation and lactation protein levels on reproductive performance and body composition of first-litter female swine. Shields RG Jr, et al. **J Anim Sci** 1985 Jan;60(1):179–89

Dietary protein suppresses feedback control of glomerular filtration in rats. Seney FD Jr, et al. **J Clin Invest** 1985 Feb;75(2):558–68

Effect of protein on nutrient digestion and milk production by Holstein cows. Ha JK, et al. **J Dairy Sci** 1984 Oct;67(10):2302–7

Amino acids in plasma and duodenal digesta and plasma growth hormone in cows fed varying amounts of protein of differing degradability. Kung L Jr, et al. **J Dairy Sci** 1984 Nov;67(11):2519–24

High-oil, high-protein diets and milk secretion by cows. Steele W. **J Dairy Sci** 1985 Jun;68(6):1409–15

Failure of protein loading tests to identify heterozygosity for ornithine carbamoyltransferase deficiency. Becroft DM, et al. **J Inherited Metab Dis** 1984;7(4):157–9

Effect of various oral protein doses on plasma neutral amino acid levels. Møller SE. **J Neural Transm** 1985;61(3–4):183–91

Albumin metabolism and nutritional status of uremic patients on a long-term very-low-protein diet supplemented with essential amino acids and keto analogues. Mariani G, et al. **J Nucl Med Allied Sci** 1984 Oct–Dec;28(4):237–44

Gluconeogenesis from dihydroxyacetone in rat hepatocytes during the shift from a low protein, high carbohydrate to a high protein, carbohydrate-free diet. Azzout B, et al. **J Nutr** 1984 Nov;114(11):2167–78

Enhanced uptake of insulin and glucagon by liver in rats adapted to a high protein diet. Demigné C, et al. **J Nutr** 1985 Aug;115(8):1065–72

Utilization and requirement of egg protein in Japanese women. Kaneko K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Feb;31(1):43–52

Blood status and serum free amino acids in Papua New Guinea highlanders. Okuda T, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Apr;31(2):197–207

Myopathy and growth failure in debrancher enzyme deficiency: improvement with high-protein nocturnal enteral therapy. Slonim AE, et al. **J Pediatr** 1984 Dec;105(6):906–11

The effect of dietary protein quality and feeding level on milk secretion and mammary protein synthesis in the rat. Sampson DA, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):274–83

A supplementary feeding programme for the management of severe and moderate malnutrition outside hospital. Gueri M, et al. **J Trop Pediatr** 1985 Apr;31(2):101–8

Effects of the interaction of dietary fat and protein on N-nitrosobis(2-oxopropyl)amine-induced carcinogenesis and spontaneous lesions in Syrian golden hamsters. Birt DF, et al. **JNCI** 1985 May;74(5):1121–7

Effect of a high-protein-low-carbohydrate diet on toxicity and antitumor activity of 5-fluorouracil in mice. Flanigan-Roat DT, et al. **JNCI** 1985 Mar;74(3):705–10

A method for estimating nitrogen intake of patients with chronic renal failure. Maroni BJ, et al. **Kidney Int** 1985 Jan;27(1):58–65

Progression of renal failure in patients with renal disease of diverse etiology on protein-restricted diet. Oldrizzi L, et al. **Kidney Int** 1985 Mar;27(3):553–7

The protein requirement of preterm infants. Pohlandt F, et al. **Klin Padiatr** 1985 Mar–Apr;197(2):164–6

Effect of an acute protein load on the creatinine clearance in healthy vegetarians. Hirschberg R, et al. **Klin Wochenschr** 1985 Mar 1;63(5):217–20

Protein restriction in chronic renal failure [letter] **Lancet** 1985 Jan 12;1(8420):102

Dietary protein restriction in chronic renal failure [letter] Bock HA, et al. **Lancet** 1985 Feb 23;1(8426):465–6

Response to acute protein load in kidney donors and in apparently normal postacute glomerulonephritis patients: evidence for glomerular hyperfiltration. Rodriguez-Iturbe B, et al. **Lancet** 1985 Aug 31;2(8453):461–4

Prospective randomised trial of early dietary protein restriction in chronic renal failure. Rosman JB, et al. **Lancet** 1984 Dec 8;2(8415):1291–6

Lipolysis and the antilipolytic effect of insulin in adipocytes from rats adapted to a high-protein diet. Kettelhut IC, et al. **Metabolism** 1985 Jan;34(1):69–73

Supplemental low-protein diet in chronic renal failure [letter] **N Engl J Med** 1984 Dec 6;311(23):1517–8

Myopathy in McArdle's syndrome. Improvement with a high-protein diet. Slonim AE, et al. **N Engl J Med** 1985 Feb 7;312(6):355–9

Myopathy in McArdle's syndrome [letter] Thompson PD, et al. **N Engl J Med** 1985 Jun 6;312(23):1518–9

Alterations in some biochemical processes in the organism of rats being under the influence of chlorfenvinphos administered in diets with variable protein content. Pużyńska L. **Nahrung** 1984;28(5):473–82

Relationship between dietary protein level and enzymatic changes in acute poisoning of rats with chlorfenvinphos. Pużyńska L. **Nahrung** 1984;28(8):779–87

The day to day variations of urinary hydroxyproline and creatinine excretions, and dietary protein intake. Yoneyama K, et al. **Nippon Eiseigaku Zasshi** 1984 Jun;39(2):587–94

Studies on requirements for amino acids in infants with disorders of amino acid metabolism. I. Effect of alanine. Kelts DG, et al. **Pediatr Res** 1985 Jan;19(1):86–91

Protein quality in feeding the normal infant: do whey-predominant formulas offer nutritional advantages? [letter] Räihä NC. **Pediatrics** 1985 Aug;76(2):329

Subcutaneous glycerol injection fails to reduce food intake in rats fed a high protein diet. Langhans W, et al. **Physiol Behav** 1984 May;32(5):785–9

Influence of dietary protein level on protein self-selection and plasma and brain amino acid concentrations. Peters JC, et al. **Physiol Behav** 1984 Nov;33(5):783–90

Determination of physiological casein and wheat gluten protein requirements of adult rats aged 75–89 days. Dibák O, et al. **Physiol Bohemoslov** 1985;34(2):161–71

Modified step-up protein feeding regimens for egg-type chickens. 1. Growth and production performance. Bish CL, et al. **Poult Sci** 1984 Dec;63(12):2450–7

Effect of a high-protein diet fed prior to the onset of lay on performance of broiler breeder pullets. Cave NA. **Poult Sci** 1984 Sep;63(9):1823–7

Lipogenesis and body fat in chicks: effects of calorie-protein ratio and dietary fat. Donaldson WE. **Poult Sci** 1985 Jun;64(6):1199–204

A step-down protein program for commercial pullets. Douglas CR, et al. **Poult Sci** 1985 Jun;64(6):1137–42

The effect of different dietary protein levels in the rearing and laying periods on performance of white Leghorn chickens. Keshavarz K. **Poult Sci** 1984 Nov;63(11):2229–40

Effects of early maturation, layer protein level, and methionine concentration on production performance of brown-egg-type pullets. Kling LJ, et al. **Poult Sci** 1985 Apr;64(4):640–5

Plasma triglyceride and glucose clearance in broiler-type and white Leghorn chickens with different degrees of adiposity. March BE. **Poult Sci** 1984 Aug;63(8):1586–93

The roles of protein level and diet form in water consumption and abdominal fat pad deposition of broilers. Marks HL, et al. **Poult Sci** 1984 Aug;63(8):1617–25

Influence of dietary electrolyte balance, energy, and amino acid supplementation on the monensin response in chicks fed diets varying in protein content. Parsons CM, et al. **Poult Sci** 1984 Dec;63(12):2438–43

Choline and methionine supplementation of layer diets varying in protein content. Parsons CM, et al. **Poult Sci** 1984 Aug;63(8):1604–9

The effects of feed form, protein profile, energy level, and gender on broiler performance in warm (26.7 C) environments. Reece FN, et al. **Poult Sci** 1984 Oct;63(10):1906–11

Early protein restriction in chronic renal failure. Rosman JB, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:567–73

Alteration of the course of chronic renal failure by dietary protein restriction. Williams AJ, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:604–7

Effects of dietary protein restriction on the course of early renal failure. Zakar G. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:600–3

Addition of sorbitol to a milk substitute for veal calves. II. Effects on plasma, liver and muscle lipids. Bauchart D, et al. **Reprod Nutr Dev** 1985;25(2):411–25

The effect of undernutrition of beef cows on blood hormone and metabolite concentrations post partum. Easdon MP, et al. **Reprod Nutr Dev** 1985;25(1A):113–26

Protein metabolism in growing pigs fed corn or cassava peel based diets containing graded protein levels. Tewe OO. **Res Vet Sci** 1985 May;38(3):259–63

The beneficial effect of dietary protein restriction on radiation nephropathy. Yatvin MB, et al. **Strahlentherapie** 1984 Dec;160(12):707–14

In vivo measurement of leucine metabolism with stable isotopes in normal subjects and in those with cirrhosis fed conventional and branched-chain amino acid-enriched diets. Millikan WJ Jr, et al. **Surgery** 1985 Sep;98(3):405–13

Intakes of energy, protein and calcium and weaning pattern of a group of Dutch infants aged 6–12 months. Geuns M, et al. **Tijdschr Kindergeneeskd** 1985 Apr;53(2):50–6

Serum and tissue thiocyanate concentrations in growing pigs fed cassava peel or corn based diets containing graded protein levels. Tewe OO. **Toxicol Lett** 1984 Nov;23(2):169–76

[Reduced protein diet and the progression of kidney insufficiency] Donker AJ. **Ned Tijdschr Geneeskd** 1985 Jun 8;129(23):1079–81 (Dut)

[Protein requirements of young infants. The effect of protein content in food on growth, protein intake and protein utilization] Olling CC, et al. **Tijdschr Kindergeneeskd** 1985 Feb;53(1):11–20 (Eng. Abstr.) (Dut)

[Dietary methionine supplementation in the pregnant rat. I. Food intake of the dam and body weight of the newborn offspring] Leclerc J. **Int J Vitam Nutr Res** 1985;55(1):103–6 (Eng. Abstr.) (Fre)

[Effect of a short-term protein-free diet on endogenous nitrogen secretion: exocrine pancreas secretion in the pig] Corring T, et al. **Reprod Nutr Dev** 1984;24(4):495–506 (Eng. Abstr.) (Fre)

[Hypocaloric and high-protein diet in obese patients: changes in the lean mass] Lamisse F, et al. **Rev Med Interne** 1984 Sep;5(3):191–9 (Eng. Abstr.) (Fre)

[Renal failure and the protein-restricted diet] Leski M. **Rev Med Suisse Romande** 1984 Aug;104(8):595–7 (Fre)

[Renal insufficiency and low-protein diets] Guelpa G. **Schweiz Rundsch Med Prax** 1985 Mar 26;74(13):323–7 (Eng. Abstr.) (Fre)

[Effect of the content of crude plant protein in feed on the utilization of urea in dairy cattle. 4. Passage of amino acids through the duodenum] Aitowa MD, et al. **Arch Tierernahr** 1984 Jul;34(7):481–8 (Eng. Abstr.) (Ger)

[Endogenous nitrogen metabolism in 15N-labeled swine. I. Course of 15N-labeling and 15N excretion in urine and feces under 4 different diets] Bergner H, et al. **Arch Tierernahr** 1984 Jul;34(7):441–55 (Eng. Abstr.) (Ger)

[Effect of graded dietary protein rations on the amino acid content of crude protein in various parts of the gastrointestinal tract and blood fractions of laying hens] Gruhn K, et al. **Arch Tierernahr** 1985 Mar;35(3):197–212 (Eng. Abstr.) (Ger)

[Effect of graded nitrogen supplements on egg protein synthesis and body protein retention in broiler hens] Halle I, et al. **Arch Tierernahr** 1984 Sep;34(9):615–21 (Eng. Abstr.) (Ger)

[Nutrient digestibility and nitrogen utilization in lactating cows under restricted protein supply and subsequent refeeding] Röhrmoser G, et al. **Arch Tierernahr** 1984 Aug;34(8):519–30 (Eng. Abstr.) (Ger)

[Effect of protein restriction and refeeding on the nitrogen balance in piglets] Senckenberg E, et al. **Arch Tierernahr** 1984 Jul;34(7):457–66 (Eng. Abstr.) (Ger)

[Model experiments to increase zinc bacitracin efficacy] Kaemmerer K, et al. **DTW** 1984 Sep 7;91(9):320–4 (Eng. Abstr.) (Ger)

[Effect of immunoglobulin and antibiotic in E. coli infection of malnourished mice] Viell B, et al. **Immun Infekt** 1984 Feb;12(1):61–4 (Eng. Abstr.) (Ger)

[Effect of selenium on the microhardness of incisors in rats kept on normal and protein-deficient diets] Tóth P, et al. **Fogorv Sz** 1985 Jun;78(6):184–7 (Eng. Abstr.) (Hun)

[Controlled protein administration diet and the prevention of hepatic encephalopathy] Strata A, et al. **Minerva Dietol Gastroenterol** 1984 Jul–Sep;30(3):245–50 (Eng. Abstr.) (Ita)

[Correlation between the growth of transplantable tumors under protein deprivation and intratumoral amino acid concentration] Akimoto M, et al. **Gan No Rinsho** 1985 Jan;31(1):73–7 (Eng. Abstr.) (Jpn)

[Sodium and proteins in diet therapy of hypertension] Yamori Y. **Nippon Rinsho** 1985 May;43(5):1031–6 (Jpn)

[Recommended protein intake by children and the biological value of dietary proteins] Szotowa W. **Pediatr Pol** 1984 Nov;59(11):965–70 (Eng. Abstr.) (Pol)

[Rate of incorporation of lysine supplementing low-quality dietary protein into muscle proteins in rats] Raczyński G. **Rocz Panstw Zakl Hig** 1984;35(2):153–60 (Eng. Abstr.) (Pol)

[Laboratory evaluation of the nutritive value of average daily food rations of selected population groups in Poland. I. Value of energy, proteins and fats] Trzebska-Jeske I, et al. **Rocz Panstw Zakl Hig** 1984;35(6):543–9 (Eng. Abstr.) (Pol)

[Effect of the intake of imbalanced protein on the liver of growing rats] Tirapegui JO, et al. **Arq Gastroenterol** 1984 Jan–Mar;21(1):29–34 (Eng. Abstr.) (Por)

[Specific dynamic action of food and human hormonal shifts] Vakhrushev IaM, et al. **Fiziol Cheloveka** 1984 May-Jun; 10(3):445-9 (Rus)

[Comparative study of drug and dietary correction of dyslipoproteinemias among the population] Khaltaev NG, et al. **Kardiologiia** 1984 Nov;24(11):15-20 (Eng. Abstr.) (Rus)

[Possibilities of using proteins from unicellular algae in biological life support systems] Antonian AA, et al. **Kosm Biol Aviakosm Med** 1985 Jan-Feb;19(1):65-9 (Eng. Abstr.) (Rus)

[Diet therapy of patients with chronic renal failure in its initial stage] Agadzhanov SA. **Vopr Pitan** 1984 Nov-Dec; (6):28-31 (Eng. Abstr.) (Rus)

[Nitrogen balance of children with fistulae of the small intestine kept on a diet with a protein enteral feeding formula] Klichev BM, et al. **Vopr Pitan** 1985 May-Jun; (3):21-3 (Eng. Abstr.) (Rus)

[Changes in various indicators of orthostatic stability in humans on long-term low-caloric diets] Tsyganov EP, et al. **Vopr Pitan** 1984 Nov-Dec;(6):31-3 (Eng. Abstr.) (Rus)

[Determination of acute-inflammatory-phase proteins in the blood serum of volunteers consuming diets with various protein levels consisting of optimum protein constituents] Voitko NE, et al. **Vopr Pitan** 1985 Jan-Feb;(1):34-8 (Eng. Abstr.) (Rus)

[Cellular and humoral immunity of volunteers consuming diets with various protein levels] Voitko NE, et al. **Vopr Pitan** 1985 May-Jun;(3):28-33 (Eng. Abstr.) (Rus)

[Determination of physiologic protein requirements in growing rats] Dibák O, et al. **Bratisl Lek Listy** 1985 Aug; 84(2):193-208 (Eng. Abstr.) (Slo)

ADVERSE EFFECTS

Protein-alkali reactions: chemistry, toxicology, and nutritional consequences. Friedman M, et al. **Adv Exp Med Biol** 1984;177:367-412 (116 ref.)

The role of dietary protein in the progression and symptomatology of chronic renal failure. Blachley JD. **Am J Med Sci** 1984 Dec;288(5):228-34 (46 ref.)

Allergenicity of food proteins and its possible modification. Coombs RR, et al. **Ann Allergy** 1984 Dec;53(6 Pt 2):592-6 (28 ref.)

Dietary proteins and atherosclerosis [letter] Redgrave TG. **Atherosclerosis** 1984 Sep;52(3):349-51

Nephrocalcinosis and diets containing alkali- and non-alkali-treated soy protein. Zalups RK. **Exp Mol Pathol** 1984 Oct;41(2):218-26

Humoral immunity to dietary antigens in healthy adults. Occurrence, isotype and IgG subclass distribution of serum antibodies to protein antigens. Husby S, et al. **Int Arch Allergy Appl Immunol** 1985;77(4):416-22

Effects of a purified diet enriched with animal protein on female rats. Preliminary report. Greco AM, et al. **Int J Vitam Nutr Res** 1984;54(2-3):263-7

Suppressor-cell activity in coeliac disease induced by alpha-gliadin, a dietary antigen. O'Farrelly C, et al. **Lancet** 1984 Dec 8;2(8415):1305-7

Food allergy and intolerance. Stern M, et al. **Pediatr Clin North Am** 1985 Apr;32(2):471-92 (178 ref.)

Effects of various diets on the progression of human and experimental uraemia. Giordano C, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:549-57

Nutrition and prostate cancer: a case-control study. Heshmat MY, et al. **Prostate** 1985;6(1):7-17

[Nutrition and atherosclerosis] Debry G, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:223-34 (37 ref.) (Fre)

[Does inappropriate ingestion of proteins damage the kidneys?] Schultze G, et al. **Dtsch Med Wochenschr** 1985 May 17;110(20):810-4 (75 ref.) (Ger)

[Histopathological studies of rat kidneys following the feeding of heat-damaged proteins] von Wangenheim B, et al. **Z Ernahrungswiss** 1984 Sep;23(3):219-29 (Eng. Abstr.) (Ger)

[Studies of influence of animal protein intake on the urinary risk factors of calcium oxalate stone formation] Nishii M. **Hinyokika Kiyo** 1984 Dec;30(12):1737-47 (Eng. Abstr.) (Jpn)

[Experimental study of various aspects of immunogenic and allergic properties of soy bean proteins] Davletbaeva SS. **Vopr Pitan** 1984 Jul-Aug;(4):49-51 (Eng. Abstr.) (Rus)

ANALYSIS

Comparison of HgO and CuSO4 as digestion catalysts in manual Kjeldahl determination of crude protein in animal feeds: collaborative study. Kane PF. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):869-77

Assessment of protein quality methodology for infant formulas. Mitchell GV, et al. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):680-3

Corrected relative net protein ratio (CRNPR) method based on differences in rat and human requirements for sulfur amino acids. Sarwar G, et al. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):689-93

[Analysis of proteins in food with electrophoretic and chromatographic methods] Kaiser KP, et al. **Z Lebensm Unters Forsch** 1985 Mar;180(3):181-201 (204 ref.) (Eng. Abstr.) (Ger)

[Laboratory evaluation of the nutritive value of average daily diets of selected population groups in Poland. II. Nutritive value of protein] Czarnowska-Misztal E, et al. **Rocz Panstw Zakl Hig** 1985;36(1):28-34 (Eng. Abstr.) (Pol)

[Quantitative determination of the antigenic structures of protein in the duodenojejunal contents of patients with food allergies and gastroenterologic diseases] Pokrovskaia GR, et al. **Vrach Delo** 1984 Sep;(9):21-5 (Eng. Abstr.) (Rus)

[Obtaining flour and protein concentrate from seeds of Melilotus albus. Study of the protein quality] de Mucciarelli SI, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):94-108 (Eng. Abstr.) (Spa)

[The protein quality of commercial products of texturized soybean protein and meat mixtures] Elías LG, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):355-65 (Eng. Abstr.) (Spa)

[Evaluation of the protein quality of meat flour from the tollo shark (Squalus acanthias)] Rúa AL, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):146-68 (Eng. Abstr.) (Spa)

METABOLISM

Nutritional consequences of the reactions between proteins and oxidized polyphenolic acids. Hurrell RF, et al. **Adv Exp Med Biol** 1984;177:423-35

Relationship between magnesium and zinc levels of the diet and its protein utilization. Brzozowska A, et al. **Ann Nutr Metab** 1985;29(4):253-9

Metabolism of protein supplements studied by the rumen simulation technique (Rusitec). Czerkawski JW, et al. **Arch Tierernahr** 1985 Apr;35(4):261-77

Intestinal assimilation of intact peptides and proteins from the diet—a neglected field? Gardner ML. **Biol Rev** 1984 Aug;59(3):289-331 (274 ref.)

Nutritional availability of amino acids from protein cross-linked to protect against degradation in the rumen. Ashes JR, et al. **Br J Nutr** 1984 Sep;52(2):239-47

Digestibility of proteins of the histological components of cooked and raw rice. Bradbury JH, et al. **Br J Nutr** 1984 Nov;52(3):507-13

Influence of energy intake on growth and utilisation of dietary protein and energy in germ-free and conventional chicks. Furuse M, et al. **Br Poult Sci** 1985 Jul;26(3):389-97

Metabolism in marine flatfish. II. Protein digestion in Dover sole (Solea solea L.). Clark J, et al. **Comp Biochem Physiol [B]** 1985;81(1):217-22

Study of absorption and retention of nitrogen in fast growing rats—II. Influence of IMAO (nialamide). Barrionuevo M, et al. **Comp Biochem Physiol [C]** 1985;80(2):381-3

Role of peptidases of the human small intestine in protein digestion [editorial] Kim YS, et al. **Gastroenterology** 1985 Apr;88(4):1071-3

Influence of protein composition and hydrolysis method on intestinal absorption of protein in man. Keohane PP, et al. **Gut** 1985 Sep;26(9):907-13

Relative nutritional value of whole protein, hydrolysed protein and free amino acids in man. Moriarty KJ, et al. **Gut** 1985 Jul;26(7):694-9

d-Fenfluramine selectively decreases carbohydrate but not protein intake in obese subjects. Wurtman JJ, et al. **Int J Obes** 1984;8 Suppl 1:79-84

Response of starter pigs to supplementation of corn-soybean meal diets with organic acids. Giesting DW, et al. **J Anim Sci** 1985 May;60(5):1288-94

Protein requirements of mature working horses. Patterson PH, et al. **J Anim Sci** 1985 Jul;61(1):187-96

Influence of protein degradability in range supplements on abomasal nitrogen flow, nitrogen balance and nutrient digestibility. Petersen MK, et al. **J Anim Sci** 1985 May; 60(5):1324-9

Nitrogen utilization and ruminal fermentation in steers fed soybean meal treated with formaldehyde. Spears JW, et al. **J Anim Sci** 1985 Apr;60(4):1072-80

Effects of particle size and formaldehyde treatment of soybean meal on milk production and composition for dairy cows. Crawford RJ Jr, et al. **J Dairy Sci** 1984 Sep; 67(9):1945-52

Methionine deficiency in early-weaned dairy calves fed pelleted rations based on corn and alfalfa or corn and soybean proteins. Donahue PB, et al. **J Dairy Sci** 1985 Mar; 68(3):681-93

Effect of ruminal ammonia-nitrogen concentration on protein degradation in situ. Grummer RR, et al. **J Dairy Sci** 1984 Oct;67(10):2294-301

Development of rumen function in calves: nature of protein reaching the abomasum. Quigley JD 3d, et al. **J Dairy Sci** 1985 Mar;68(3):694-702

Protein, fiber, and mineral nutrition of growing dairy goats. Randy HA, et al. **J Dairy Sci** 1984 Dec;67(12):2974-7

Milk production and nitrogen utilization by dairy cows infused postruminally with sodium caseinate, soybean meal, or cottonseed meal. Rogers JA, et al. **J Dairy Sci** 1984 Sep;67(9):1928-35

Digestion and absorption of protein along ovine gastrointestinal tract. Sklan D, et al. **J Dairy Sci** 1985 Jul; 68(7):1676-81

Protein degradation in rumen and amino acid absorption in small intestine of lactating dairy cattle fed heat-treated whole soybeans. Stern MD, et al. **J Dairy Sci** 1985 Jan; 68(1):45-56

Biotinidase deficiency: the possible role of biotinidase in the processing of dietary protein-bound biotin. Wolf B, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:121-2

Development and adaptation of protein digestion. Austic RE. **J Nutr** 1985 May;115(5):686-97

Nutritional improvement of soy flour. Friedman M, et al. **J Nutr** 1984 Dec;114(12):2241-6

Effect of level of dietary protein and total or partial starvation on catalase and superoxide dismutase activity in cardiac and skeletal muscles in young rats. Lammi-Keefe CJ, et al. **J Nutr** 1984 Dec;114(12):2235-40

The binding of dietary protein by sorghum tannins in the digestive tract of pigs. Mitaru BN, et al. **J Nutr** 1984 Oct; 114(10):1787-96

Effect of Maillard reaction products on protein digestion. In vivo studies on rats. Oste R, et al. **J Nutr** 1984 Dec; 114(12):2228-34

Effect of protein intake level on urinary energy/nitrogen ratio in Japanese. Kaneko K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Dec;30(6):561-7

Utilization of soy protein isolate mixed with rice protein in Japanese women. Kaneko K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Feb;31(1):99-106

Changes in the intraluminal protein digestion of pancreatic duct-ligated rats. Ono A, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Feb;31(1):53-68

Interaction of dietary fat and protein in spontaneous diseases of Syrian golden hamsters. Birt DF, et al. **JNCI** 1985 Jul; 75(1):127-33

Palatability and digestibility of soya- and milk proteins in Callithricidae. Flurer C, et al. **Lab Anim** 1985 Jul; 19(3):245-50

Influence of gestation and hydrocortisone-acetate treatment on the nutritive utilization of protein. López Frías M, et al. **Nahrung** 1985;29(1):11-8

Indices of protein metabolism in term infants fed human milk, whey-predominant formula, or cow's milk formula. Janas LM, et al. **Pediatrics** 1985 Apr;75(4):775-84

Absorption of protein and protein fragments in the developing intestine: role in immunologic/allergic reactions. Walker WA. **Pediatrics** 1985 Jan;75(1 Pt 2):167-71

Protein requirements with very low calorie diets. Blackburn GL. **Postgrad Med J** 1984;60 Suppl 3:59-65

Responses to dietary self selection and calories in liquid form by weight selected lines of chickens. Brody TB, et al. **Poult Sci** 1984 Aug;63(8):1626-33

Dietary protein and yolk sac inoculation with Escherichia coli in young turkeys. Schmidt GP, et al. **Poult Sci** 1985 Jul;64(7):1343-9

Protein degradation: an important consideration. Sunde ML, et al. **Poult Sci** 1984 Oct;63(10):2055-61

Efficiency of utilization of various sources of energy for growth. Donato K, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4866-70

The importance of protein for athletes. Lemon PW, et al. **Sports Med** 1984 Nov-Dec;1(6):474-84 (53 ref.)

[Protein and phosphate in our diet and progressive skeletal decalcification in postmenopausal women] Jonxis JH. **Ned Tijdschr Geneeskd** 1985 Jan 19;129(3):110-3 (Eng. Abstr.) (Dut)

[Joint research on the precise determination of the energy and protein requirements of fattening pigs. 6. The effect of various energy and protein levels on the performance and feed expenditure of fattening pigs] Gundel J, et al. **Arch Tierernahr** 1983 Jul-Aug;33(7-8):598-614 (Eng. Abstr.) (Ger)

[Protein utilization as well as crude protein and amino acid requirements of broiler hens] Halle I, et al. **Arch Tierernahr** 1984 Dec;34(12):833-40 (Eng. Abstr.) (Ger)

[Joint research on the precise determination of the energy and protein requirements of fattening pigs. 10. Comparative evaluation of the research for the precise determination of the energy and protein requirements of fattening pigs] Hoffmann L, et al. **Arch Tierernahr** 1983 Jul-Aug; 33(7-8):649-61 (Eng. Abstr.) (Ger)

[Joint research on the precise determination of the energy and protein requirements of fattening pigs. 3. The energy requirement of hybrid swine] Hoffmann L, et al. **Arch Tierernahr** 1983 Jul-Aug;33(7-8):571-83 (Eng. Abstr.) (Ger)

[Joint research on the precise determination of the energy and protein requirements of fattening pigs. 2. Energy and nitrogen metabolism of fattening hybrids in the fattening range of 30 to 120 kg] Jentsch W, et al. **Arch Tierernahr** 1983 Jul-Aug;33(7-8):552-70 (Eng. Abstr.) (Ger)

[Joint research on the precise determination of the energy and protein requirements of fattening pigs. 8. The effect of various protein levels on the performance and feed expenditure of fattening pigs] Machaev EA, et al. **Arch Tierernahr** 1983 Jul-Aug;33(7-8):623-31 (Eng. Abstr.) (Ger)

[Joint research on the precise determination of the energy and protein requirements of fattening pigs. 7. The effect of various energy levels on the performance and feed expenditure of fattening pigs] Machaev EA, et al. **Arch Tierernahr** 1983 Jul-Aug;33(7-8):615-21 (Eng. Abstr.) (Ger)

[Use of 'fermosin' fodder yeast in a multi-generation experiment with chickens. 1. The rearing period] Richter G, et al. **Arch Tierernahr** 1985 Apr;35(4):253-60 (Eng.

Abstr.) (Ger)

[Joint research on the precise determination of the energy and protein requirements of fattening pigs. 1. Setting the objectives and conditions of the experiments] Schiemann R, et al. **Arch Tierernahr** 1983 Jul–Aug;33(7–8):547–51 (Eng. Abstr.) (Ger)

[Joint research on the precise determination of the energy and protein requirements of fattening pigs. 9. The effect of various levels of energy and protein nutrition on the performance and feed expenditure of fattening pigs] Šimeček K, et al. **Arch Tierernahr** 1983 Jul–Aug;33(7–8):633–48 (Eng. Abstr.) (Ger)

[Joint research on the precise determination of the energy and protein requirements of fattening pigs. 5. The effect of the crude protein concentration in the isocaloric diet on the fattening performance of swine of the Bulgarian Landrace] Tacheschmedjiev B, et al. **Arch Tierernahr** 1983 Jul–Aug;33(7–8):591–7 (Eng. Abstr.) (Ger)

[Joint research on the precise determination of the energy and protein requirements of fattening pigs. 4. The effect of the energy level on the fattening of Camborough-type hybrid swine] Tacheschmedjiev B, et al. **Arch Tierernahr** 1983 Jul–Aug;33(7–8):584–90 (Eng. Abstr.) (Ger)

[Relations between apparent fecal and apparent ileal crude protein digestibility in swine] Wünsche J, et al. **Arch Tierernahr** 1984 Nov;34(11):761–7 (Eng. Abstr.) (Ger)

[Protein assimilation from starch- and dextrin-containing infant foods with a cow's milk base] Heine W, et al. **Kinderarztl Prax** 1984 Sep;52(9):428–32 (Eng. Abstr.) (Ger)

[24-hour energy metabolism in the human: circadian rhythm, relation to body weight and nutrition] Steiniger J. **Z Gesamte Inn Med** 1985 Apr 15;40(8):232–7 (Eng. Abstr.) (Ger)

[Net protein utilization of stock diets for rats and mice] Yamanaka M. **Jikken Dobutsu** 1985 Apr;34(2):211–4 (Eng. Abstr.) (Jpn)

[Modification of conditions of indirect determination of nitrogen in the bodies of rats by the NPU (Net Protein Utilization) method] Kobyliński Z, et al. **Rocz Panstw Zakl Hig** 1984;35(6):551–5 (Eng. Abstr.) (Pol)

[Intragastric proteolysis and parietal digestion after different methods of surgical treatment of peptic ulcer] Klimenko GA, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):46–8 (Eng. Abstr.) (Rus)

[Effect of the quality of dietary protein on the degree of its metabolization in the body] Bažkova D, et al. **Vopr Pitan** 1985 May–Jun;(3):26–8 (Eng. Abstr.) (Rus)

[Comparative study of proteolysis in the stomach of newborn rats on artificial feeding with a milk substitute of different protein compositions] Chernikov MP, et al. **Vopr Pitan** 1985 May–Jun;(3):33–7 (Rus)

[Effect of trypsin inhibitor on proteolysis of dietary proteins in experiments in vivo] Sadykova RE. **Vopr Pitan** 1984 Jul–Aug;(4):65–6 (Rus)

[Amino acid metabolism in liver tissue during the consumption of qualitatively different proteins] Sokolova AG, et al. **Vopr Pitan** 1985 May–Jun;(3):23–6 (Eng. Abstr.) (Rus)

[Casein and gluten utilization by the body] Todorov DP, et al. **Vopr Pitan** 1984 Jul–Aug;(4):47–9 (Eng. Abstr.) (Rus)

[Utilization of proteins in rats of various ages during high fat intake] Krajčovičová M, et al. **Bratisl Lek Listy** 1984 Jul;82(1):839–50 (Eng. Abstr.) (Slo)

[Protein digestibility and energy in diets based on rice and beans in human adults] Vargas E, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):109–29 (Eng. Abstr.) (Spa)

[Changes in the nutritional availability of various nutrients after treatment with pirenzepin (an anti-muscarinic agent)] Muñoz-Arrebola P, et al. **Rev Clin Esp** 1984 Oct 31;175(2):103–5 (Eng. Abstr.) (Spa)

PHARMACODYNAMICS

Exercise and protein intake effects on urinary 3-methylhistidine excretion. Hickson JF Jr, et al. **Am J Clin Nutr** 1985 Feb;41(2):246–53

Soy protein products and heme iron absorption in humans. Lynch SR, et al. **Am J Clin Nutr** 1985 Jan;41(1):13–20

Macronutrients have different metabolic effects in nondiabetics and diabetics. Simpson RW, et al. **Am J Clin Nutr** 1985 Sep;42(3):449–53

Thermic effect of feeding carbohydrate, fat, protein and mixed meal in lean and obese subjects. Swaminathan R, et al. **Am J Clin Nutr** 1985 Aug;42(2):177–81

Effect of soy protein and casein intake on intestinal absorption and lymphatic transport of cholesterol and oleic acid. Vahouny GV, et al. **Am J Clin Nutr** 1984 Dec;40(6):1156–64

A comparison of the effect of diets containing beef protein and plant proteins on blood lipids of healthy young men. Wiebe SL, et al. **Am J Clin Nutr** 1984 Nov;40(5):982–9

Short-term protein loading in assessment of patients with renal disease. Bosch JP, et al. **Am J Med** 1984 Nov;77(5):873–9

Two distinct adaptive responses in the synthesis of exocrine pancreatic enzymes to inverse changes in protein and carbohydrate in the diet. Schick J, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G611–6

Physiological and morphological responses of the rat kidney to reduced dietary protein. Schmidt-Nielsen B, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F31–42

Serum branched-chain amino and keto acid response to a protein-rich meal in man. Schauder P, et al. **Ann Nutr Metab** 1984;28(6):350–6

Effect of high-fat and high-protein diets on toxicity of parathion and dichlorvos. Purshottam T, et al. **Arch Environ Health** 1984 Nov–Dec;39(6):425–30

Plasma lipid and lipoprotein cholesterol levels in swine. Modification of protein-induced response by added cholesterol and soy fiber. Cho BH, et al. **Atherosclerosis** 1985 Jul;56(1):39–49

Regulation of proteolytic enzyme activities and mRNA concentrations in rat pancreas by food content. Giorgi D, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):937–42

Effects of hydralazine, nitroglycerin, and food on estimated hepatic blood flow. Svensson CK, et al. **Clin Pharmacol Ther** 1985 Apr;37(4):464–8

Influence of salinity and ratio of lipid to protein in diets on certain enzyme activities in rainbow trout (Salmo gairdneri Richardson). Jürss K, et al. **Comp Biochem Physiol [B]** 1985;81(1):73–9

Effect of protein intake on amino acid catabolism and gluconeogenesis by isolated hepatocytes from the cat (Felis domestica). Silva SV, et al. **Comp Biochem Physiol [B]** 1985;80(3):603–7

Phytohemagglutinin-induced diarrheal disease. Banwell JG, et al. **Dig Dis Sci** 1984 Oct;29(10):921–9

Effect of a protein meal in stomach and jejunum on gastric secretory response to pentagastrin in cats. Fernström M, et al. **Dig Dis Sci** 1985 Sep;30(9):877–83

Modification of circadian rhythms of drug metabolism in the Syrian hamster. Birt DF, et al. **Drug Nutr Interact** 1982;1(2):143–51

Dietary amino acids and hepatic microsomal drug metabolism in Syrian hamsters. Birt DF, et al. **Drug Nutr Interact** 1982;1(2):177–87

Protection by dietary proteins against the effects of bile acids on rat jejunum and stomach. Kruidenier JF, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1183–91

Jejunal secretory effect of intraduodenal food in humans. A comparison of mixed nutrients, proteins, lipids, and carbohydrates. Miazza B, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1215–22

Interrelationships between blood pressure, sodium, potassium, serum cholesterol, and protein intake in Japanese. Kihara M, et al. **Hypertension** 1984 Sep–Oct;6(5):736–42

Quality & quantity of dietary protein & acute endosulphan metabolic toxicity in rat liver microsomes. Tyagi SR, et al. **Indian J Med Res** 1985 May;81:480–7

The effect of malathion dust on certain tissues of male rats fed varying levels of dietary protein. Vaishwanar I, et al. **Indian J Physiol Pharmacol** 1984 Jan–Mar;28(1):35–41

Interaction of molybdenum, sulfate and alfalfa in the bovine. Lesperance AL, et al. **J Anim Sci** 1985 Mar;60(3):791–802

Adaptation of Na+-H+ exchange in renal microvillus membrane vesicles. Role of dietary protein and uninephrectomy. Harris RC, et al. **J Clin Invest** 1984 Dec;74(6):1979–87

Effect of dietary fat, carbohydrate, and protein on branched-chain amino acid catabolism during caloric restriction. Vazquez JA, et al. **J Clin Invest** 1985 Aug;76(2):737–43

Blood constituents in lactating Holstein cows influenced by hematocrit, sampling site, and diet protein and calcium. Wohlt JE, et al. **J Dairy Sci** 1984 Oct;67(10):2236–46

Effect of clonidine on glucose, insulin and glucagon responses to a protein meal in type 2 diabetics. Ferlito S, et al. **J Endocrinol Invest** 1985 Jun;8(3):185–7

Effects of dietary protein and exercise on brown adipose tissue and energy balance in experimental animals. Bell RR, et al. **J Nutr** 1984 Oct;114(10):1900–8

The effect of amino acid excess on utilization by the rat of the limiting amino acid—threonine. Cieslak DG, et al. **J Nutr** 1984 Oct;114(10):1871–7

The effect of amino acid excess on utilization by the rat of the limiting amino acid—lysine and threonine at equalized food intakes. Cieslak DG, et al. **J Nutr** 1984 Oct;114(10):1878–83

The effect of amino acid excess on utilization by the rat of the limiting amino acid—lysine. Cieslak DG, et al. **J Nutr** 1984 Oct;114(10):1863–70

The combined effects of dietary protein and fat on prolactin in female rats. Clinton SK, et al. **J Nutr** 1985 Mar;115(3):311–8

The effect of protein levels on the response of weanling rats to dietary pectin. Delorme CB, et al. **J Nutr** 1984 Oct;114(10):1797–806

Absorption and tissue distribution of zinc, iron and copper by rats fed diets containing lactalbumin, soy and supplemental sulfur-containing amino acids. Greger JL, et al. **J Nutr** 1985 Feb;115(2):200–10

Intestinal absorption and excretion of zinc in streptozotocin-diabetic rats as affected by dietary zinc and protein. Johnson WT, et al. **J Nutr** 1985 Sep;115(9):1217–27

Adaptation of rats to diets containing different levels of protein: effects on food intake, plasma and brain amino acid concentrations and brain neurotransmitter metabolism. Peters JC, et al. **J Nutr** 1985 Mar;115(3):382–98

Effects of dietary protein concentration on trace minerals in rat tissues at different ages. Sherman AR, et al. **J Nutr** 1985 May;115(5):607–14

The effect of diet on retention by the rat of iron from a radiolabeled casein test meal. Thompson DB, et al. **J Nutr** 1985 Mar;115(3):319–26

The concerted effects of thyroid function and dietary protein on growth and protein metabolism in mice at different growth stages. Hayashi K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Jun;30(3):235–44

Dietary sulfur-containing amino acids and glycine as determinant factors in plasma cholesterol regulation in growing rats. Sugiyama K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Feb;31(1):121–5

Effect of protein diet on age-dependent methylation of liver nuclear components of mice administered N-nitrosodimethylamine. Klaude M, et al. **JNCI** 1984 Oct;73(4):909–13

Effect of protein intake on renal function and structure in partially nephrectomized rats. Kenner CH, et al. **Kidney Int** 1985 May;27(5):739–50

The influence of protein and carbohydrate type on serum and liver lipids and lipoprotein cholesterol in rabbits. Bauer JE, et al. **Lipids** 1984 Nov;19(11):844–50

Effects of various dietary animal and vegetable proteins on serum and biliary lipids and on gallstone formation in the hamster. Sulliven MA, et al. **Lipids** 1985 Jan;20(1):1–6

Metabolic effects of medium- or long-chain triglycerides and high-protein, carbohydrate-free diets in Zucker rats. Bach AC, et al. **Metabolism** 1984 Oct;33(10):951–8

Guar by-product improves carbohydrate tolerance in rats. Chiu SS, et al. **Metabolism** 1985 May;34(5):481–5

Sulfur-containing amino acids are a major determinant of urinary calcium. Tschöpe W, et al. **Miner Electrolyte Metab** 1985;11(3):137–9

The effect of dietary protein on the clearance of allopurinol and oxypurinol. Berlinger WG, et al. **N Engl J Med** 1985 Sep 26;313(13):771–6

Drug metabolism and disposition at varying levels of protein and calories in human subjects. **Nutr Rev** 1985 Mar;43(3):71–2 (7 ref.)

Regulation of mucosal enzymes by their dietary substrates. **Nutr Rev** 1985 Jul;43(7):212–3

Impact of Nippostrongylus brasiliensis (Nematoda) on the serum albumin and amino acid concentrations of rats fed adequate or protein-deficient diets. Ash C, et al. **Parasitology** 1985 Feb;90 (Pt 1):157–68

Effects of coccidiostats and dietary protein on performance and water consumption in broiler chickens. Wheelhouse RK, et al. **Poult Sci** 1985 May;64(5):979–85

The effects of streptozotocin diabetes and of dietary protein content on the composition and metabolism of testicular lipids. Wilder PJ, et al. **Proc Soc Exp Biol Med** 1984 Dec;177(3):399–405

Alteration by liquid protein diet of TRH and cyclo(His-Pro) in the young rat brain. Mori M, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jan;47(1):157–60

Effects of three proteins on absorption of cadmium in rats. Kojima S, et al. **Toxicology** 1985 Feb;34(2):161–71

Influence of diet on the development of nephrocalcinosis in the rat. Zalups RK. **Virchows Arch [Cell Pathol]** 1984;47(3):271–9

[Insulin secretion after a protein and lipid meal in healthy subjects] Capani F, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):351–6 (Eng. Abstr.) (Ita)

PHYSIOLOGY

Role of dietary protein adaptation at weaning in the development of the rat gastrointestinal tract. Buts JP, et al. **Pediatr Res** 1985 Aug;19(8):857–62

Effect of dietary protein level on platelet aggregation in rat. Morita I, et al. **Prostaglandins Leukotrienes Med** 1985 May;18(2):143–9

STANDARDS

Influence of processing on protein quality. Mauron J. **Bibl Nutr Dieta** 1985;(34):56–81

THERAPEUTIC USE

A vegetable protein-rich diet for the treatment of liver cirrhosis. Okita M, et al. **Acta Med Okayama** 1985 Feb;39(1):59–65

Body composition changes during recovery from anorexia nervosa: comparison of two dietary regimes. Forbes GB, et al. **Am J Clin Nutr** 1984 Dec;40(6):1137–45

Dietary protein supplementation from vegetable sources in the management of chronic portal systemic encephalopathy. Keshavarzian A, et al. **Am J Gastroenterol** 1984 Dec;79(12):945–9

Effect of casein and whey-protein solutions on caries experience and feeding patterns of the rat. Reynolds EC, et al. **Arch Oral Biol** 1984;29(11):927–33

Soybean protein diets in the management of type II hyperlipoproteinaemia. Verrillo A, et al. **Atherosclerosis** 1985 Mar;54(3):321–31

The effect of dietary protein on cystine excretion in patients with cystinuria. Rodman JS, et al. **Clin Nephrol** 1984 Dec;22(6):273–8

Effects of hematinic and protein supplementation on the feto-placental unit in maternal anemia. Agarwal KN, et al. **Indian Pediatr** 1984 Oct;21(10):765–71

The effect of dietary manipulation on hepatic lipid accumulation in rats undergoing small intestinal bypass. Kaminski DL, et al. **Int J Obes** 1985;9(1):59–68

[Use of spirulina as an adjuvant nutrient factor in the therapy of the diseases accompanying a nutritional deficiency (preliminary note)] Fica V, et al. **Rev Med Interna [Med Interna]** 1984 May–Jun;36(3):225–32 **(Rum)**

DIETARY SERVICES

The effects of the WIC program on the growth of infants. Heimendinger J, et al. **Am J Clin Nutr** 1984 Dec;40(6):1250–7

Implementing nutrition programs: lessons from an unheeded literature. Field JO. **Annu Rev Nutr** 1985;5:143–72 (102 ref.)

Levels of patient nutrition care for use in clinical decision making. Lutton SE, et al. **J Am Diet Assoc** 1985 Jul;85(7):849–51

Dilution factors for commercial enteral formulas. Posner GF, et al. **J Am Diet Assoc** 1984 Oct;84(10):1219–20

Dietary assessment of pregnant adolescents participating in a supplemental-food program. Endres JM, et al. **J Reprod Med** 1985 Jan;30(1):10–7

[Feeding of children in the schools 1982] Szponar L, et al. **Rocz Panstw Zakl Hig** 1984;35(3):193–200 (Eng. Abstr.) **(Pol)**

ECONOMICS

Financing nutrition services in a competitive market. Egan MC, et al. **J Am Diet Assoc** 1985 Feb;85(2):210–5

HISTORY

[Sanitary and hygienic control of nutrition in the armies of the Western and 3d Byelorussian fronts during World War II] Vavilin PA. **Gig Sanit** 1985 May;(5):4–6 **(Rus)**

[Medical workers in World War II] Lidov IP, et al. **Vopr Pitan** 1985 Mar–Apr;(2):6–10 **(Rus)**

LEGISLATION & JURISPRUDENCE

[Dietetics and social help—the need for standardization of evaluation practice] Möller A. **Off Gesundheitswes** 1985 Jan;47(1):15–6 **(Ger)**

MANPOWER

Effectiveness of the dietitian–technician team on a burn unit. Ptak KM, et al. **J Am Diet Assoc** 1985 Feb;85(2):215–8

ORGANIZATION & ADMINISTRATION

Management and organization of modern hospital nutrition care. Isaksson B. **Bibl Nutr Dieta** 1985;(35):95–105

Hospice care: an opportunity for dietetic services. Ott DB. **J Am Diet Assoc** 1985 Feb;85(2):223–5

[Activities of the Dietetics Center in Sverdlovsk] Shevchenko MG. **Vopr Pitan** 1984 Jul–Aug;(4):72–3 **(Rus)**

[Experience in organizing sanitary inspection of nutrition services for machine operators] Vasil'ev VV, et al. **Vopr Pitan** 1984 Sep–Oct;(5):72–3 **(Rus)**

[Nutrition of patients from various dispensary groups at industrial plants] Karpenko PA, et al. **Vrach Delo** 1985 May;(5):106–8 (Eng. Abstr.) **(Rus)**

STANDARDS

Documentation: the missing link in evaluation. Wills BB. **J Am Diet Assoc** 1985 Feb;85(2):225–7

[The quality of nutrition of children in nurseries] Szponar L, et al. **Rocz Panstw Zakl Hig** 1985;36(1):42–9 (Eng. Abstr.) **(Pol)**

[Main trends in the activities of the Ukrainian sanitary and epidemiological services with regard to public nutrition] Kas'ianenko AM. **Gig Sanit** 1985 Feb;(2):28–31 **(Rus)**

DIETETICS

see related

DIETARY SERVICES

FOOD SERVICE, HOSPITAL

Footnotes to food tables: 1. Differences in nutrient intakes of dietitians as calculated from the DHSS food tables and the fourth edition of McCance and Widdowson's 'The composition of foods'. Black AE, et al. **Hum Nutr Appl Nutr** 1985 Feb;39(1):9–18

Next please: a review of dietetic out-patient attendance. Gallagher C. **Hum Nutr Appl Nutr** 1984 Jun;38(3):181–6

A study of the clinical role of the dietitian as viewed by allied health professionals. Schwartz NE. **J Allied Health** 1984 Nov;13(4):288–98

Allocation of feeding pumps: an ethical question. Bell SJ, et al. **J Am Diet Assoc** 1985 Jun;85(6):697–9

Dietary compliance for pediatric burned patients. Bell SJ, et al. **J Am Diet Assoc** 1984 Nov;84(11):1329–33

Hospital-wide screening improves basis for nutrition intervention. Christensen KS, et al. **J Am Diet Assoc** 1985 Jun;85(6):704–6

Promoting dietary change: demonstrating reduction of dietary fat. Connor SL, et al. **J Am Diet Assoc** 1985 Mar;85(3):345–7

Geriatric team dynamics: the dietitian's role. Delahanty LM. **J Am Diet Assoc** 1984 Nov;84(11):1353–6

Enteral nutrition: beliefs and practices of physicians and dietitians in one hospital. Feitelson M. **J Am Diet Assoc** 1985 Jun;85(6):711–3

The nutrition care profile: an aid to delivery of quality nutrition care in a small community hospital. Frey PW, et al. **J Am Diet Assoc** 1984 Dec;84(12):1468–9

A nutrition fair cosponsored by dietitians and legislators. Gilbride JA, et al. **J Am Diet Assoc** 1984 Oct;84(10):1215–7

A nutrition assessment tool that includes diagnosis. Hannaman KN, et al. **J Am Diet Assoc** 1985 May;85(5):607–8

The key to your professional success is you: networking, mentor–mentee relationships, and negotiation. Kapustiak MM, et al. **J Am Diet Assoc** 1985 Jul;85(7):846–8

A comparison of methods for plate waste determinations. Kirks BA, et al. **J Am Diet Assoc** 1985 Mar;85(3):328–31

Analysis of the Journal of The American Dietetic Association, 1967 to 1983. Lansing PS, et al. **J Am Diet Assoc** 1985 Jan;85(1):56–61

Intervention specialist: new role for dietitians' counseling skills. Pace PW, et al. **J Am Diet Assoc** 1984 Nov;84(11):1357–60

The effect of organizational level and practice area on managerial work in hospital dietetic services. Palacio JP, et al. **J Am Diet Assoc** 1985 Jul;85(7):799–806

Model utilization in evaluation of a Dial–A–Dietitian system. Robbins JC, et al. **J Am Diet Assoc** 1985 Mar;85(3):340–4

Current hospital practices in clinical dietetics. Schiller MR. **J Am Diet Assoc** 1984 Oct;84(10):1194–7

Biochemistry for dietetic students: course content and format. Sirota LH. **J Am Diet Assoc** 1984 Dec;84(12):1470–4

Dietetics at work in the workplace: academia and industry cooperate in a blood pressure program. Wagstaff MA, et al. **J Am Diet Assoc** 1985 Apr;85(4):465–70

President's page: long–range planning. Watson DR. **J Am Diet Assoc** 1985 Mar;85(3):358–60

Raising the image of the R.D. through public relations: nutrition month all year. Wegman J, et al. **J Am Diet Assoc** 1984 Dec;84(12):1482–3

Computer–selected exchange lists approximations for recipes. Wheeler LA, et al. **J Am Diet Assoc** 1985 Jun;85(6):700–3

Hospital dietetics: the dietician's needs. Bateman C. **Proc Nutr Soc** 1985 Feb;44(1):137

Hospital dietetics: the doctor's needs. Neale G. **Proc Nutr Soc** 1985 Feb;44(1):135–6

[Clinical dietition in general practice. The effect of dietary advice to obese patients and diabetics] Kromann H. **Ugeskr Laeger** 1984 Dec 31;147(1):20–3 (Eng. Abstr.) **(Dan)**

[Legal requirements, quality criteria, therapeutic interest and dietetics of mineral waters: study of the case of the natural mineral water of Evian] de Preneuf JM. **J Physiol (Paris)** 1984;79(6):547–60 (15 ref.) (Eng. Abstr.) **(Fre)**

[Activities of the Dietetics Center in Sverdlovsk] Shevchenko MG. **Vopr Pitan** 1984 Jul–Aug;(4):72–3 **(Rus)**

[Planning and distribution of diets] Ruiz de Conejo ML. **Rev Med Univ Navarra** 1984 Jun;28(2):67–70 **(Spa)**

EDUCATION

Gerontological education and innovations in training nutritionists–dietetic professionals for work with the elderly: a symposium. **Gerontol Geriatr Educ** 1984 Summer;4(4):1–105

Educational needs of gerontological dietitians. Hutchinson M. **Gerontol Geriatr Educ** 1984 Summer;4(4):15–8

An independent learning model for delivering dietetic associate degree and continuing education programs. Parks SC. **Gerontol Geriatr Educ** 1984 Summer;4(4):23–8

Baccalaureate degree education for nutritionists/dietetic professionals working with the aging. Sims LS, et al. **Gerontol Geriatr Educ** 1984 Summer;4(4):19–22

A critique of recommended subject matter for education of nutritionists–dietitians working with the elderly. Steinbaugh M. **Gerontol Geriatr Educ** 1984 Summer;4(4):9–13

Clinical nutrition: where do we stand? A view from Brazil. Dutra de Oliveira JE, et al. **Hum Nutr Clin Nutr** 1984 Nov;38(6):409–12

The development of clinical psychiatric dietetic technicians. Crosson LS. **J Am Diet Assoc** 1984 Nov;84(11):1360–1

Effect of interviewer recording practices on nutrient intake—Bogalusa Heart Study. Frank GC, et al. **J Am Diet Assoc** 1984 Dec;84(12):1432–6, 1439

Food and nutrition skills of mentally retarded adults: assessment and needs. Green EM, et al. **J Am Diet Assoc** 1985 May;85(5):611–3

Evaluating student performance in clinical dietetics. Novascone MA. **J Am Diet Assoc** 1985 Jun;85(6):706–10

The feedback lecture: matching teaching and learning styles. Osterman DN. **J Am Diet Assoc** 1984 Oct;84(10):1221–2

A comparison of career–entry administrative competencies with skills required in practice: implications for continuing education. Snyder JR, et al. **J Am Diet Assoc** 1985 Aug;85(8):934–8

Food and nutrition training for tribal cooks—promoting native American health. Jackson MY, et al. **Public Health Rep** 1985 May–Jun;100(3):284–5

[A simple method for reviewing the curriculum of the Nutrition Program of the University of Costa Rica] Rodríguez L, et al. **Educ Med Salud** 1984;18(3):260–73 (Eng. Abstr.) **(Spa)**

STANDARDS

Leadership in clinical dietetics: meeting the challenge to role in nutritional support. Nestle M. **J Am Diet Assoc** 1984 Nov;84(11):1349–53

TRENDS

Parenteral nutrition—a new horizon for dietitians. Chernoff R, et al. **J Am Diet Assoc** 1984 Nov;84(11):1309–11

Dietetics and enteral nutrition: past, present, and future. Heymsfield SB, et al. **J Am Diet Assoc** 1985 Jun;85(6):667–8

[A valuable contribution to dietology] Pavlov MI. **Voen Med Zh** 1985 Apr;(4):77 **(Rus)**

DIETHAZINE see under **PHENOTHIAZINES**

DIETHYL PYROCARBONATE see under **FORMATES**

DIETHYLAMINES

ANALYSIS

[Gas–chromatographic analysis of beta–diethylaminoethylchloride and beta–diethylaminoethylacetate ether in the air of work areas] Bake MIa. **Gig Tr Prof Zabol** 1985 Feb;(2):54–6 **(Rus)**

METABOLISM

Dietary phenolics and betel nut extracts as modifiers of N–nitrosation in rat and man. Stich HF, et al. **IARC Sci Publ** 1984;(57):213–22

Metabolism of N–nitrodialkylamines. Suzuki E, et al. **IARC Sci Publ** 1984;(57):485–90

PHARMACODYNAMICS

[Evaluation of the venotropic effect of chromocarb diethylamine in patients with varices, using 133Xe] Spano V, et al. **Ann Cardiol Angeiol (Paris)** 1984 Oct;33(6):407–10 **(Fre)**

THERAPEUTIC USE

[Clinical study of chromocarb diethylamine in the treatment of peripheral venous insufficiency] Spano VS. **Ann Cardiol Angeiol (Paris)** 1984 Nov;33(7):485–7 **(Fre)**

DIETHYLCARBAMAZINE

Experience in using diethylcarbamazine (DEC) in the control of lymphatic filariasis in India. Rao CK. **J Commun Dis** 1985 Mar;17(1):36–45

ADVERSE EFFECTS

Acute psychotic reactions with diethyl carbamazine [letter] Jain AP, et al. **J Assoc Physicians India** 1985 Feb;33(2):186

Studies on the causation of adverse reactions in microfilaraemic host following diethylcarbamazine therapy (Dipetalonema viteae in Mastomys natalensis). Singh DP, et al. **Trop Med Parasitol** 1985 Mar;36(1):21–4

Liver changes, following diethylcarbamazine administration, in microfilaremic dogs infected with Dirofilaria immitis. Sutton RH, et al. **Vet Pathol** 1985 Mar;22(2):177–83

METABOLISM

Uptake of diethylcarbamazine by microfilariae and adults of Litomosoides carinii and Dipetalonema viteae. Srivastava VM, et al. **J Helminthol** 1984 Sep;58(3):197–9

A possible cytochrome P–450–mediated N–oxidation of diethylcarbamazine. Joseph CA, et al. **J Pharm Pharmacol** 1984 Oct;36(10):711–2

PHARMACODYNAMICS

Diethylcarbamazine inhibits acute and chronic hypoxic pulmonary hypertension in awake rats. Morganroth ML, et al. **Am Rev Respir Dis** 1985 Apr;131(4):488–92

Novel inhibition of proteoglycan synthesis and exocytosis by diethylcarbamazine in the Swarm rat chondrocyte. Stevens RL, et al. **J Biol Chem** 1985 May 10;260(9):5777–86

Diethylcarbamazine: in vitro inhibitory effect on microfilarial production by Dirofilaria immitis. Tamashiro WK, et al. **J Parasitol** 1985 Jun;71(3):381–3

Inhibition by diethylcarbamazine of acetylcholine–induced endothelium–dependent relaxation of rabbit aorta: are leukotrienes involved? Förstermann U, et al. **J Pharm Pharmacol** 1984 Oct;36(10):696–7

Pharmacological actions of diethylcarbamazine citrate (DECC) on the isolated rabbit tracheal chain and atria. Garcia M. **Mater Med Pol** 1984 Apr–Dec;16(2–4):134–6

Sheathed and unsheathed microfilarial surfaces, interactions with host serum proteins in diethylcarbamazine. Hammerberg B. **Trop Med Parasitol** 1985;36 Suppl 1:5–9

Effect of diethylcarbamazine on serum–dependent cell–mediated immune reactions to microfilariae in vitro. Chandrashekar R, et al. **Tropenmed Parasitol** 1984 Sep;35(3):177–82

Action of diethylcarbamazine citrate on protective immunity in rats infected with Nippostrongylus brasiliensis. Katiyar JC, et al. **Z Parasitenkd** 1985;71(3):401–8

THERAPEUTIC USE

The Mazzotti reaction following treatment of onchocerciasis with diethylcarbamazine: clinical severity as a function of infection intensity. Francis H, et al. **Am J Trop Med Hyg** 1985 May;34(3):529–36

Diethylcarbamazine–mediated clearance of Brugia pahangi microfilariae in immunodeficient nude mice. Vickery AC, et al. **Am J Trop Med Hyg** 1985 May;34(3):476–83

Control of Brugia malayi filariasis with common salt medicated with DEC in some hill–tribe settlements of Kerala. Chandrasekharan A, et al. **Indian J Med Res** 1984 May;79:600–3

Possible sensitization by filarial antigens in diethyl–carbamazine (DEC) responsive bronchial asthma. A preliminary enquiry. Ahamed B, et al. **J Assoc Physicians India** 1984 Nov;32(11):937–8

Impact of diethylcarbamazine treatment of selective microfilaria carriers and filarial cases under rural filaria control project in Valsad district, Gujarat. Raina VK, et al. **J Commun Dis** 1984 Sep;16(3):247–9

Relationship between urine pH and clearance of microfilaraemia following diethylcarbamazine treatment. Roychowdhury SP, et al. **J Commun Dis** 1984 Jun; 16(2):100–3

Control of Bancroftian filariasis with diethylcarbamazine in rural areas of Valsad district, Gujarat State. Sharma SP, et al. **J Commun Dis** 1984 Dec;16(4):282–6

Comparison of activities of mononuclear phagocyte system between the cotton rat, Sigmodon hispidus, and the jird, Meriones unguiculatus, in relation to the treatment of filariasis. Hayashi Y, et al. **Jpn J Exp Med** 1983 Dec; 53(6):257–62

Double–blind study of ivermectin and diethylcarbamazine in African onchocerciasis patients with ocular involvement. Lariviere M, et al. **Lancet** 1985 Jul 27;2(8448):174–7

Comparison of ivermectin and diethylcarbamazine in the treatment of onchocerciasis. Greene BM, et al. **N Engl J Med** 1985 Jul 18;313(3):133–8

Efficacy of diethylcarbamazine in eradicating infection with lymphatic–dwelling filariae in humans. Ottesen EA. **Rev Infect Dis** 1985 May–Jun;7(3):341–56

Treatment of elephantiasis in a community with timorian filariasis. Partono F. **Trans R Soc Trop Med Hyg** 1985; 79(1):44–6

Immunoglobulin levels in tears and aqueous humor of horses before and after diethylcarbamazine (DEC) therapy. Glaze MB, et al. **Vet Immunol Immunopathol** 1984 Sep;7(2):135–98

DIETHYLDITHIOCARBAMATE see under **THIOCARBAMATES**

DIETHYLENETRIAMINE PENTAACETIC ACID see **DTPA**

DIETHYLHEXYL PHTHALATE see under **PHTHALIC ACIDS**

DIETHYLNICOTINAMID see **NIKETHAMIDE**

DIETHYLNITROSAMINE see under **NITROSAMINES**

DIETHYLSTILBESTROL

A comparison of pregnancy history recall and medical records. Implications for retrospective studies. Tilley BC, et al. **Am J Epidemiol** 1985 Feb;121(2):269–81

Dearylation and other cleavage reactions of diethylstilbestrol: novel oxidative pathways mediated by peroxidases. Metzler M, et al. **Xenobiotica** 1985 Jan;15(1):41–9

ADVERSE EFFECTS

Study design in perinatal medicine. Noller KL, et al. **Am J Perinatol** 1985 Jul;2(3):250–5

Sexual orientation after prenatal exposure to exogenous estrogen. Ehrhardt AA, et al. **Arch Sex Behav** 1985 Feb; 14(1):57–77

Do sex hormones affect colorectal cancer? Davidson M, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1868

Genital tract examinations and zona–free hamster egg penetration tests from men exposed in utero to diethylstilbestrol. Shy KK, et al. **Fertil Steril** 1984 Nov; 42(5):772–8

Pathology of colposcopic findings in 2635 diethylstilbestrol–exposed young women. Welch WR, et al. **Gynecol Oncol** 1985 Jul;21(3):277–86

Psychosexual milestones in women prenatally exposed to diethylstilbestrol. Meyer–Bahlburg HF, et al. **Horm Behav** 1984 Sep;18(3):359–66

A prospective study of association of herpes simplex virus and human papillomavirus infection with cervical neoplasia in women exposed to diethylstilbestrol in utero. Adam E, et al. **Int J Cancer** 1985 Jan 15;35(1):19–26

Results of infertility studies on 1001 DES–exposed and non DES–exposed consecutive patients. Horne HW Jr, et al. **Int J Fertil** 1985;30(1):46–9

Menstrual history and fecundity of women exposed and unexposed in utero to diethylstilbestrol. Barnes AB. **J Reprod Med** 1984 Sep;29(9):651–5

Regression of cervicovaginal abnormalities in DES–exposed women. A comparison of changes in sexually inactive women and the effects of the onset of sexual activity. Frank AR, et al. **J Reprod Med** 1985 May;30(5):400–3

Urinary tract evaluation of diethylstilbestrol–exposed female progeny followed in a colposcopy clinic. Gallup DG, et al. **J Reprod Med** 1984 Oct;29(10):717–21

Mesenteric venous thrombosis associated with estrogen therapy for treatment of prostatic carcinoma. Sahdev P, et al. **J Urol** 1985 Sep;134(3):563–4

Males exposed in utero to diethylstilbestrol. Leary FJ, et al. **JAMA** 1984 Dec 7;252(21):2984–9

Increased incidence of cervical and vaginal dysplasia in 3,980 diethylstilbestrol–exposed young women. Experience of the National Collaborative Diethylstilbestrol Adenosis Project. Robboy SJ, et al. **JAMA** 1984 Dec 7;252(21):2979–83

Cancer risk among women exposed to exogenous estrogens during pregnancy. Hadjimichael OC, et al. **JNCI** 1984 Oct; 73(4):831–4

Long–term responses of the mouse uterus to neonatal diethylstilbestrol treatment and to later sex hormone exposure. Ostrander PL, et al. **JNCI** 1985 Jan;74(1):121–35

Diethylstilbestrol, genetics, teratogenesis, and tumor spectrum in humans. Lynch HT, et al. **Med Hypotheses** 1985 Mar;16(3):315–32 (56 ref.)

DES exposure in utero [letter] Alder RM, et al. **Med J Aust** 1985 May 27;142(11):617–8

The DES story [editorial] Coppleson M. **Med J Aust** 1984 Oct 13;141(8):487–9

Breast cancer in mothers given diethylstilbestrol in pregnancy [letter] **N Engl J Med** 1985 Apr 18;312(16):1059–60

Breast cancer in mothers given diethylstilbestrol in pregnancy. Greenberg ER, et al. **N Engl J Med** 1984 Nov 29;311(22):1393–8

Diethylstilbestrol exposure––1984 [editorial] Herbst AL. **N Engl J Med** 1984 Nov 29;311(22):1433–5

Past use of oestrogens during pregnancy in New Zealand [letter] Paul C, et al. **NZ Med J** 1984 Nov 28;97(768):831

Some problems with investigations and epidemiologic studies relating to pregnancy. Mantel N. **Prog Clin Biol Res** 1985; 163B:45–8

Depression in adults with a history of prenatal DES exposure. Meyer–Bahlburg HF, et al. **Psychopharmacol Bull** 1985; 21(3):686–9

Immunological effects of diethylstilbestrol and estramustine phosphate. Haukaas SA. **Scand J Urol Nephrol [Suppl]** 1984; 83:1–32 (112 ref.)

Injection of diethylstilbestrol on the first day of incubation affects morphology of sex glands and reproductive behavior of Japanese quail. Gildersleeve RP, et al. **Teratology** 1985 Feb;31(1):101–9

Diethylstilbestrol (DES) update. A message from the DESAD Project. Powers D. **Wis Med J** 1985 Feb; 84(2):11–4

[Does diethylstilbestrol also affect the fetal ovaries? (letter)] **Ned Tijdschr Geneeskd** 1984 Nov 10;128(45):2150–2 **(Dut)**

[Does diethylstilbestrol also affect the ovaries of the fetus?] Eskes TK, et al. **Ned Tijdschr Geneeskd** 1984 Aug 25; 128(34):1601–3 **(Dut)**

[DES, more than an oncological problem] Huikeshoven FJ, et al. **Ned Tijdschr Geneeskd** 1984 Aug 18;128(33):1553–6 **(Dut)**

[Fertility and pregnancy following intrauterine exposure to diethylstilbestrol] Stolk JG. **Ned Tijdschr Geneeskd** 1984 Aug 18;128(33):1574–6 **(Dut)**

[Fertility disorders attributable to the use of diethylstilbestrol during intrauterine life] Drapier E. **Rev Fr Gynecol Obstet** 1984 Apr;79(4):297–300, 303–5 (30 ref.) (Eng. Abstr.) **(Fre)**

[Changes in the uterus following treatment of the mother with diethylstilbestrol ('DES–daughter')] Sanders FB, et al. **ROFO** 1985 May;142(5):563–6 (Eng. Abstr.) **(Ger)**

[Delayed effects of fetal and perinatal steroid therapy at receptor levels (considerations on results of possible iatrogenic damage)] Csaba G. **Orv Hetil** 1985 Apr 28; 126(17):1011–6 (Eng. Abstr.) **(Hun)**

[Effect of sex steroids on the reproductive system of progeny] Gladkova AI. **Akush Ginekol (Mosk)** 1985 Jan;(1):5–8 (66 ref.) **(Rus)**

[Perinatal effects of sex hormones and the problem of hormonal carcinogenesis] Loktionov AS. **Vopr Onkol** 1985; 31(2):3–12 (77 ref.) **(Rus)**

ANALOGS & DERIVATIVES

Radioimmunoassay of diethylstilbestrol in plasma of patients with prostatic carcinoma. Usui T, et al. **Arch Androl** 1984; 12(2–3):243–9

A phase II study of high–dose estrogens (diethylstilbestrol diphosphate) in prostate cancer. Citrin DL, et al. **Cancer** 1985 Aug 1;56(3):457–60

Reactivity of 4',4'–diethylstilbestrol quinone, a metabolic intermediate of diethylstilbestrol. Liehr JG, et al. **Carcinogenesis** 1985 Jun;6(6):829–36

Effect of stilboestrol dipropionate on the rate of spermatogenesis in KP and C57 mice and in their hybrids. Godowicz B, et al. **Folia Biol (Krakow)** 1984;32(1–2):63–70

Characterization of estrogen–induced progestin binding in cytosol of the R3327 prostatic carcinoma of the rat. Mobbs BG, et al. **J Steroid Biochem** 1985 Jan;22(1):57–62

Effectiveness of castration versus intravenous estrogen therapy in producing rapid endocrine control of metastatic cancer of the prostate. Maatman TJ, et al. **J Urol** 1985 Apr;133(4):620–1

Molecular structures of metabolites and analogues of diethylstilbestrol and their relationship to receptor binding and biological activity. Duax WL, et al. **Mol Pharmacol** 1984 Nov;26(3):520–5

Effects of diethylstilboestrol–dipropionate on SCEs, micronuclei, cytotoxicity, aneuploidy and cell proliferation in maternal and foetal mouse cells treated in vivo. Henderson L, et al. **Mutat Res** 1985 Sep;144(1):27–31

Genesis of oestrogenic inhibition of soleus muscle development in female mice. Ihemelandu EC. **Res Vet Sci** 1984 Sep;37(2):138–40

The structure of 4',4''–diethylstilbestrol (DES) quinone. Seiglie CA, et al. **Steroids** 1984 May;43(5):529–43

Adverse effects during endocrine therapy for prostatic carcinoma with a high dose of estrogen. Shinkawa T, et al. **Urol Int** 1985;40(2):103–6

[Comparative studies of hormonal methods for affecting the reproductive functions of cows being raised by different technics] Kostov L, et al. **Vet Med Nauki** 1984;21(6):67–74 (Eng. Abstr.) **(Bul)**

[Plasma levels of fosfestrol and its monophosphate, of diethylstilbestrol and its monoglucuronide following intravenous administration in patients with metastatic prostatic carcinoma] Oelschläger H, et al. **Arzneimittelforsch** 1984;34(10):1333–6 (Eng. Abstr.) **(Ger)**

[A case of advanced male breast cancer treated effectively with estrogen] Kogire M, et al. **Gan No Rinsho** 1985 Jun; 31(7):865–9 (Eng. Abstr.) **(Jpn)**

[A case of giant prostate cancer] Fujimoto Y, et al. **Hinyokika Kiyo** 1984 Jul;30(7):925–30 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Quantitative secondary ion monitoring gas chromatography/mass spectrometry of diethylstilbestrol in bovine liver. Covey T, et al. **Biomed Mass Spectrom** 1985 Jun;12(6):274–87

Application of a capillary gas chromatographic–selected–ion recording mass spectrometric technique to the analysis of diethylstilbestrol and its phosphorylated precursors in plasma and tissues. Abramson FP, et al. **J Chromatogr** 1985 Apr 12;339(1):87–95

ANTAGONISTS & INHIBITORS

The inhibitory effect of caffeine on hormone–induced rat breast cancer. Petrek JA, et al. **Cancer** 1985 Oct 15; 56(8):1977–81

BLOOD

Radioimmunoassay of diethylstilbestrol in plasma of patients with prostatic carcinoma. Usui T, et al. **Arch Androl** 1984; 12(2–3):243–9

[Plasma levels of fosfestrol and its monophosphate, of diethylstilbestrol and its monoglucuronide following intravenous administration in patients with metastatic prostatic carcinoma] Oelschläger H, et al. **Arzneimittelforsch** 1984;34(10):1333–6 (Eng. Abstr.) **(Ger)**

METABOLISM

In vitro metabolism of diethylstilbestrol by hepatic, renal and uterine microsomes of rats and hamsters. Effects of different inducers. Haaf H, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3107–15

Localization of diethylstilbestrol metabolites in the mouse genital tract. Maydl R, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):710–2

Covalent binding of diethylstilbestrol to microsomal protein in vitro correlates with the organotropism of its carcinogenicity. Haaf H, et al. **Carcinogenesis** 1985 Apr; 6(4):659–60

Diethylstilboestrol: the binding and effects of diethylstilboestrol upon the polymerisation and depolymerisation of purified microtubule protein in vitro. Sharp DC, et al. **Carcinogenesis** 1985 Jun;6(6):865–71

Oxidative and conjugative metabolism of diethylstilbestrol by rabbit preimplantation embryos. Balling R, et al. **Dev Biol** 1985 Jun;109(2):370–4

Oxidative metabolites of the teratogen and transplacental carcinogen diethylstilbestrol in the fetal Syrian golden hamster. Gottschlich R, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4–5):329–38

Extracellular distribution of radiolabel obscures specific binding of diethylstilbestrol in mouse skeletal muscle. Gruber B, et al. **Res Commun Chem Pathol Pharmacol** 1985 Mar;47(3):445–8

The structure of 4',4''–diethylstilbestrol (DES) quinone. Seiglie CA, et al. **Steroids** 1984 May;43(5):529–43

Oxidative metabolites of diethylstilbestrol in the fetal Syrian golden hamster. Maydl R, et al. **Teratology** 1984 Dec; 30(3):351–7

PHARMACODYNAMICS

Effects of maternal administration of diethylstilbestrol and estradiol on the newborn guinea pig. Davies J, et al. **Acta Anat (Basel)** 1985;122(1):39–61

Fatigue in frog skeletal muscle fibres and effects of methylxanthine derivatives. Khan AR, et al. **Acta Physiol Scand** 1985 May;124(1):35–41

Diethylstilbestrol inhibits tumor growth and prolactin production in rat pituitary tumors. Lloyd RV, et al. **Am J Pathol** 1985 Mar;118(3):379–86

Oviduct dolichyl phosphate phosphatase: estrogen effects and a possible biosynthetic role. DeRosa PA, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):537–45

Hormonal induction of specific protein synthesis in murine Leydig tumor cells. Melner MH, et al. **Biochem Int** 1985 May;10(5):763–70

Decreased ovalbumin-gene response to oestrogen in the prenatally diethylstilboestrol-exposed chick oviduct. Teng CS, et al. **Biochem J** 1985 Jun 15;228(3):689–95

DNA clastogenic activity of diethylstilbestrol. Birnboim HC. **Biochem Pharmacol** 1985 Sep 15;34(18):3251–7

Prepubertal treatment with estrogen or testosterone precipitates the loss of regular estrous cyclicity and normal gonadotropin secretion in adult female rats. Nass TE, et al. **Biol Reprod** 1984 Nov;31(4):723–31

Diethylstilbestrol selectively modulates plasma coagulation protein synthesis by the perfused rat liver. Owens MR, et al. **Blood** 1985 Aug;66(2):402–6

The effect of long-term diethylstilbestrol treatment or hyperprolactinemia on the response of the tuberoinfundibular dopamine neurons to elevated prolactin. Morgan WW, et al. **Brain Res** 1985 Jun 3;335(2):330–3

Responses of human cervical keratinocytes in vitro to tumour promoters and diethylstilboestrol. Stanley MA, et al. **Carcinogenesis** 1985 Jul;6(7):1011–5

The ichthyotoxicity and coronary vasodilator action of diethylstilbestrol. Inamori Y, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):420–3

Diethylstilbestrol inhibits the estrogen-binding activity of pregnancy plasma; possible role in DES-associated pathology [letter] Savu L, et al. **Clin Chem** 1985 Aug;31(8):1409–10

Priming procedure and hormone preparations influence rat granulosa cell response. Liu WK, et al. **Endocrinology** 1985 Apr;116(4):1454–9

Time course of induction of prolactin-secreting pituitary tumors with diethylstilbestrol in male rats: response of tuberoinfundibular dopaminergic neurons. Morgan WW, et al. **Endocrinology** 1985 Jan;116(1):17–24

Müllerian duct maintenance in heterotypic organ culture after in vivo exposure to diethylstilbestrol. Newbold RR, et al. **Endocrinology** 1984 Nov;115(5):1863–8

Prevention by vitamin A of the occurrence of permanent vaginal and uterine changes in ovariectomized adult mice treated neonatally with diethylstibestrol and its nullification in the presence of ovaries. Iguchi T, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):129–37

Effects of diethylstilbestrol on human natural killer cells in vitro. Kalland T, et al. **Immunopharmacology** 1984 Aug;8(1):19–25

Effect of stilboestrol on adrenal steroidogenesis in albino rats. Mandal S, et al. **Indian J Exp Biol** 1985 Jan;23(1):27–30

Altered host resistance to Trichinella spiralis infection following subchronic exposure to diethylstilbestrol. Luebke RW, et al. **Int J Immunopharmacol** 1984;6(6):609–17

Efficacy and toxicity of estrogens commonly used to terminate canine pregnancy. Bowen RA, et al. **J Am Vet Med Assoc** 1985 Apr 15;186(8):783–8

Oestrogenic regulation of testicular androgen production during development in the rat. Keel BA, et al. **J Endocrinol** 1985 May;105(2):211–8

Diethylstilbestrol effects on host resistance [editorial] Ablin RJ, et al. **J Leukocyte Biol** 1985 Apr;37(4):473–4

The effects of oestrogens on spontaneous activity and responses to phenylephrine of the mammalian urethra. Callahan SM, et al. **J Physiol (Lond)** 1985 Jan;358:35–46

Structural and functional changes in ovaries from adult mice treated with diethylstilboestrol in the neonatal period. Tenenbaum A, et al. **J Reprod Fertil** 1985 Mar;73(2):465–77

Effects of 17 beta-estradiol and diethylstilbestrol on concurrent development of hepatic, mammary, and pituitary tumors in WF rats: evidence for differential effect on liver. Sumi C, et al. **JNCI** 1984 Nov;73(5):1229–34

Molecular structures of metabolites and analogues of diethylstilbestrol and their relationship to receptor binding and biological activity. Duax WL, et al. **Mol Pharmacol** 1984 Nov;26(3):520–5

Diethylstilbestrol induces metaphase arrest and inhibits microtubule assembly. Hartley-Asp B, et al. **Mutat Res** 1985 Aug;143(4):231–5

Effects of diethylstilbestrol and estramustine phosphate (estracyt) on natural killer cell activity and tumor susceptibility in male mice. Kalland T, et al. **Prostate** 1984;5(6):649–60

The incidence of extracellular thymic cysts in intact and gonadectomized Syrian hamsters, untreated and treated with diethylstilbestrol and steroidal hormones. Kirkman H, et al. **Thymus** 1985;7(2):95–109

Histochemical and ultrastructural characteristics of the endometrial connective tissue stroma from mice continuously fed diethylstilbestrol. Wordinger RJ, et al. **Virchows Arch [Cell Pathol]** 1984;47(3):247–61

THERAPEUTIC USE

Effects of estrogen treatment on sexual behavior in male-to-female transsexuals: experimental and clinical observations. Kwan M, et al. **Arch Sex Behav** 1985 Feb;14(1):29–40

Leuprolide: a review of its effects in comparison with diethylstilboestrol in the treatment of advanced cancer of the prostate. Garnick MB, et al. **Br J Clin Pract** 1985 Feb;39(2):73–6

Antiandrogenic treatment of a gender-dysphoric transvestite. Brantley JT, et al. **J Sex Marital Ther** 1985 Summer;11(2):109–12

Leuprolide versus diethylstilbestrol for metastatic prostate cancer. The Leuprolide Study Group. **N Engl J Med** 1984 Nov 15;311(20):1281–6

The EORTC Phase III trials in prostatic cancer. Robinson MR, et al. **Prog Clin Biol Res** 1985;185A:243–9

Hormonal therapy: the benefits of postponed initiation. Cockburn AG. **Urology** 1984 Nov;24(5 Suppl):24–6

Comparison of leuprolide and diethylstilbestrol for stage D2 adenocarcinoma of prostate. Sharifi R, et al. **Urology** 1985 Aug;26(2):117–24

DES lead-in to use of luteinizing hormone releasing hormone analogs in treatment of metastatic carcinoma of prostate. Stein BS, et al. **Urology** 1985 Apr;25(4):350–3

[Current value of hormonotherapy in cancer of the prostate] Cilento A, et al. **Minerva Urol Nefrol** 1984 Oct–Dec;36(4):329–35 (Eng. Abstr.) **(Ita)**

[Effect of bromocriptine on prolactin secretion after dopaminergic receptor blockade with metoclopramide in patients with prostatic cancer treated with estrogens] Baranowska B, et al. **Endokrynol Pol** 1984;35(4):211–7 (Eng. Abstr.) **(Pol)**

[Therapeutic effects of diethylstilbestrol and spironolactone in polycystic ovary syndrome] Milewicz A, et al. **Ginekol Pol** 1984 Oct;55(10):765–9 (Eng. Abstr.) **(Pol)**

[Hormonal treatment of disseminated cancer of the prostate: results and survival obtained in a series of 60 patients] Izquierdo Font AJ, et al. **Actas Urol Esp** 1985 May–Jun;9(3):231–6 (Eng. Abstr.) **(Spa)**

TOXICITY

Induction of DNA single- and double-strand breaks by diethylstilbestrol in murine L5178Y lymphoblasts in vitro. Goldenberg GJ, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):771–6

Effect of diethylstilbestrol on the frequencies of sister chromatid exchange in vitro and in vivo. Mehnert K, et al. **Cancer Res** 1985 Aug;45(8):3626–30

Lesions of the rete testis in mice exposed prenatally to diethylstilbestrol. Newbold RR, et al. **Cancer Res** 1985 Oct;45(10):5145–50

Target organ-specific covalent DNA damage preceding diethylstilbestrol-induced carcinogenesis. Liehr JG, et al. **Carcinogenesis** 1985 Jul;6(7):1067–9

Prenatal diethylstilbestrol exposure alters murine uterine responses to prepubertal estrogen stimulation. Maier DB, et al. **Endocrinology** 1985 May;116(5):1878–86

Influence of strain and age on the induction of mammary tumours by diethylstilboestrol in C3H mice. Greenman DL, et al. **Food Chem Toxicol** 1984 Nov;22(11):871–4

Influence of age and environment on the induction of mammary tumours by diethylstilboestrol in C3H/HeN-MTV+ mice. Greenman DL, et al. **Food Chem Toxicol** 1985 Jan;23(1):73–8

Diethylstilbestrol and other estrogens in the environment. McLachlan JA, et al. **Fundam Appl Toxicol** 1984 Oct;4(5):686–91

Disruptive effect of diethylstilbestrol on microtubules. Sato Y, et al. **Gann** 1984 Dec;75(12):1046–8

Neoplastic and nonneoplastic responses to chronic feeding of diethylstilbestrol in C3H mice. Greenman DL, et al. **J Toxicol Environ Health** 1984;14(4):551–67

Different patterns of developmental toxicity in the rat following prenatal administration of structurally diverse chemicals. Simmons DL, et al. **J Toxicol Environ Health** 1984;14(2–3):121–36

Estrogen effects on sister chromatid exchanges in mouse uterine cervical and kidney cells. Hillbertz-Nilsson K, et al. **JNCI** 1985 Sep;75(3):575–80

Effect of immunosuppression on neonatally diethylstilbestrol-induced genital tract lesion and tumor development in female mice. Ways SC, et al. **JNCI** 1984 Oct;73(4):863–70

Mutagenicity of methyl 2-benzimidazolecarbamate, diethylstilbestrol and estradiol: structural chromosomal aberrations, sister-chromatid exchanges, C-mitoses, polyploidies and micronuclei. Banduhn N, et al. **Mutat Res** 1985 Jun;156(3):199–218

Neonatal exposure to DES in BALB/c male mice: effects on pituitary-gonadal function. Dalterio S, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):1019–24

Immunotoxic effects of diethylstilbestrol (DES) and cadmium chloride (CAD) on host resistance: comparison with cyclophosphamide (CPS). Morahan PS, et al. **Prog Clin Biol Res** 1984;161:403–6

Endometrium cell surface abnormalities in the Syrian hamster as a result of in utero exposure to diethylstilbestrol. Gilloteaux J, et al. **Scan Electron Microsc** 1985;(Pt 1):303–9

The relationship between prenatal lethality or fetal weight and intrauterine position in rats exposed to diethylstilbestrol, zeranol, 3,4,3',4'-tetrachlorobiphenyl, or cadmium. Cornwall GA, et al. **Teratology** 1984 Dec;30(3):341–9

URINE

Rapid extraction and purification of diethylstilboestrol in bovine urine hydrolysates using reversed-phase C18 columns before determination by radioimmunoassay. Gaspar P, et al. **J Chromatogr** 1985 Jun 28;328:413–6

Effective control for diethylstilbestrol in cattle in the Netherlands. Jansen EH, et al. **Vet Q** 1985 Jan;7(1):35–8

DIFFERENCE LIMEN see **DIFFERENTIAL THRESHOLD**

DIFFERENTIAL THERMAL ANALYSIS see under **CHEMISTRY, ANALYTICAL**

DIFFERENTIAL THRESHOLD

Temporal (phase and time) disparities in lateralization. Russolo M, et al. **Audiology** 1985;24(3):186–94

Oxygen deficit and anaerobic threshold in the incremental exercise in normoxia and hypoxia. Yano T, et al. **Jpn J Physiol** 1984;34(6):1129–33

DIFFUSE IDIOPATHIC SKELETAL HYPEROSTOSIS see under **SPINAL OSTEOPHYTOSIS**

DIFFUSION

Diffusion-controlled macromolecular interactions. Berg OG, et al. **Annu Rev Biophys Biophys Chem** 1985;14:131–60 (96 ref.)

Pore and fiber-matrix models for diffusive transport in normal and neoplastic tissues. Nugent LJ, et al. **Microvasc Res** 1984 Sep;28(2):270–4

DIFFUSION OF INNOVATION see under **COMMUNICATION**

DIFLUCORTOLONE see under **FLUOCORTOLONE**

DIFLUNISAL see under **SALICYLIC ACIDS**

DIGEORGE SYNDROME see under **IMMUNOLOGIC DEFICIENCY SYNDROMES**

DIGESTION

Nutritional consequences of the reactions between proteins and oxidized polyphenolic acids. Hurrell RF, et al. **Adv Exp Med Biol** 1984;177:423–35

Gastrointestinal digestion and absorption of lipid. Tso P. **Adv Lipid Res** 1985;21:143–86 (275 ref.)

Effect of increased amounts of pectin on a solid-liquid meal digestion in healthy man. Flourie B, et al. **Am J Clin Nutr** 1985 Sep;42(3):495–503

Oral stimulation alters digestion of intragastric oil meals in rats. Ramirez I. **Am J Physiol** 1985 Apr;248(4 Pt 2):R459–63

Enzymatic maturation of the gastrointestinal tract and its relevance to food allergy and intolerance in infancy. McNeish AS. **Ann Allergy** 1984 Dec;53(6 Pt 2):643–8 (47 ref.)

Effect of spinning and additional cross-linking with dialdehyde starch or aluminum ions on the digestibility and quality of casein–Vicia faba protein isolate mixtures. Seidler W, et al. **Ann Nutr Metab** 1985;29(3):184–8

The hormonal regulation of food intake, digestion, and absorption. Nicholl CG, et al. **Annu Rev Nutr** 1985;5:213–39 (178 ref.)

Expression of digestive and absorptive function in differentiating enterocytes. Smith MW. **Annu Rev Physiol** 1985;47:247–60 (57 ref.)

Nonparallel discharge of digestive enzymes from isolated pancreatic acini. Majumdar AP, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):872–7

Digestibility of proteins of the histological components of cooked and raw rice. Bradbury JH, et al. **Br J Nutr** 1984 Nov;52(3):507–13

Modifications to swede (Brassica napus L.) anterior to the terminal ileum of pigs: some implications for the analysis of dietary fibre. Millard P, et al. **Br J Nutr** 1984 Nov;52(3):583–94

The physical digestion of perennial ryegrass (Lolium perenne) and white clover (Trifolium repens) in the foregut of sheep. Moseley G, et al. **Br J Nutr** 1984 Sep;52(2):381–90

The effect of formaldehyde or glutaraldehyde application to lucerne before ensiling on silage fermentation and silage N digestion in sheep. Siddons RC, et al. **Br J Nutr** 1984 Sep;52(2):391–401

Digestive and absorptive functions along dog small intestine: comparative distributions in relation to biochemical and morphological parameters. Laganière S, et al. **Comp Biochem Physiol [A]** 1984;79(3):463–72

Metabolism in marine flatfish. II. Protein digestion in Dover sole (Solea solea L.). Clark J, et al. **Comp Biochem Physiol [B]** 1985;81(1):217–22

The role of digestion in the black sea bass, Centropristis striata, on the chemical speciation of organically bound cadmium. Fair PH, et al. **Comp Biochem Physiol [C]** 1984;79(2):265–70

Role of peptidases of the human small intestine in protein digestion [editorial] Kim YS, et al. **Gastroenterology** 1985 Apr;88(4):1071–3

Pancreatic digestive function after subtotal gastrectomy--evaluation by an indirect method. Malfertheiner P, et al. **Hepatogastroenterology** 1984 Aug;31(4):172–5

Digestion in the cattle-tick Boophilus microplus: light microscope study of the gut cells in nymphs and females.

Agbede RI, et al. **Int J Parasitol** 1985 Apr;15(2):147-57

Digestion and vitamin deficiency in the elderly. Ferreira P, et al. **Int Z Vitam Ernahrungsforsch [Beih]** 1984;26:113-9

The rumen microbiology of seaweed digestion in Orkney sheep. Orpin CG, et al. **J Appl Bacteriol** 1985 Jun; 58(6):585-96

Development and adaptation of protein digestion. Austic RE. **J Nutr** 1985 May;115(5):686-97

Digestion and absorption of lipids in poultry. Krogdahl A. **J Nutr** 1985 May;115(5):675-85 (97 ref.)

Digestibility of native and modified starches: in vitro studies with human and rabbit pancreatic amylases and in vivo studies in rabbits. Lee PC, et al. **J Nutr** 1985 Jan; 115(1):93-103

The effects of coprophagy in the adult rat on rate of passage of digesta and on digestibility of food fed ad libitum and in restricted amounts. Williams VJ, et al. **J Nutr** 1985 Sep; 115(9):1147-53

Susceptibility of Kintoki bean lectin to digestive enzymes in vitro and its behavior in the digestive organs of mouse in vivo. Hara T, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Aug;30(4):381-94

Changes in the intraluminal protein digestion of pancreatic duct-ligated rats. Ono A, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Feb;31(1):53-68

Nutritional significance of cyclodextrins: indigestibility and hypolipemic effect of alpha-cyclodextrin. Suzuki M, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Apr;31(2):209-23

Lipids in milk and the first steps in their digestion. Hamosh M, et al. **Pediatrics** 1985 Jan;75(1 Pt 2):146-50 (25 ref.)

Impact of digestion and absorption in the weaning period on infant feeding practices. Lebenthal E. **Pediatrics** 1985 Jan;75(1 Pt 2):207-13

Lipid digestion and absorption. Watkins JB. **Pediatrics** 1985 Jan;75(1 Pt 2):151-6

Studies on the effect of the gut microflora on dietary nitrogen digestibility in pigs. Ratcliffe B, et al. **Prog Clin Biol Res** 1985;181:115-8

In vivo milk digestion in the calf abomasum. III. Amino acid compositions of the digesta leaving the abomasum. Yvon M, et al. **Reprod Nutr Dev** 1985;25(3):495-504

The serum 14C-triolein/3H-oleic acid assimilation test for differential diagnosis of maldigestion and malabsorption. Thorsgaard Pedersen N. **Scand J Gastroenterol** 1985 Aug; 20(6):684-90

Digestive adaptations for fueling the cost of endothermy. Karasov WH, et al. **Science** 1985 Apr 12;228(4696):202-4

Experimental infections with Hyostrongylus rubidus and the effects on performance of growing pigs. Stewart TB, et al. **Vet Parasitol** 1985 Mar;17(3):219-27

[Measurement of the appearance of volatile fatty acids in the portal vein during digestion in conscious pigs] Rerat A, et al. **C R Acad Sci [III]** 1985;300(12):467-70 (Eng. Abstr.) (Fre)

[Ingestion, digestion, absorption. French Nutrition Association, Strasbourg, France, 20-21 October 1983. Abstracts] **Reprod Nutr Dev** 1984;24(5B):671-806 (Fre)

[Orofacial dyskinesias as an expression of a disturbed relationship of breathing, digestion and movement] von Treuenfels H. **Fortschr Kieferorthop** 1985 Jun;46(3):191-206 (Eng. Abstr.) (Ger)

[Somatostatin as a hormone regulating the function of the digestive system] Szafran H, et al. **Endokrynol Pol** 1984; 35(3):125-38 (102 ref.) (Pol)

[Gastrointestinal hormones and related neuropeptides. II. The secretin group: secretin] Krowicki Z, et al. **Postepy Hig Med Dosw** 1983 Sep-Dec;37(5-6):449-64 (98 ref.) (Eng. Abstr.) (Pol)

[The process of systematically supplying the body with nutrients during the active phase of digestion] Gal'perin IuM. **Fiziol Zh SSSR** 1985 Feb;71(2):182-94 (61 ref.) (Rus)

[Effect of homeostasis of chyme composition on absorption of its components in the small intestine during natural digestion] Gal'perin IuM, et al. **Fiziol Zh SSSR** 1985 May; 71(5):631-45 (Eng. Abstr.) (Rus)

[Induced autolysis as an important mechanism of the initial stages of ordinary digestion] Ugolev AM, et al. **Fiziol Zh SSSR** 1984 Nov;70(11):1542-50 (Eng. Abstr.) (Rus)

[Interdigestive motility of the gastric stump and small intestine in dumping syndrome patients] Buryl AN, et al. **Klin Khir** 1984 Aug;(8):25-8 (Eng. Abstr.) (Rus)

[Theory of the relationship of the types of feeding and digestion in blood-sucking arthropods and their ability to be specific vectors of the causative agents of transmissible infections] Alekseev AN. **Parazitologiia** 1985 Jan-Feb; 19(1):3-7 (Eng. Abstr.) (Rus)

[Digestion of trypsin inhibitors in the gastrointestinal tract of adult rats] Mazo VK, et al. **Patol Fiziol Eksp Ter** 1984 Sep-Oct;(5):51-3 (Eng. Abstr.) (Rus)

[Digestive activity of intestinal disaccharidases in infants with eczema] Vasil'ev IuV. **Vestn Dermatol Venerol** 1984 Oct; (10):16-20 (Eng. Abstr.) (Rus)

[Structure of the system of digestive and transport processes in the small intestine] Gal'perin IuM, et al. **Zh Obshch Biol** 1985 Jan-Feb;46(1):108-13 (20 ref.) (Eng. Abstr.) (Rus)

DRUG EFFECTS

Effects of 17 beta-estradiol and progesterone on intestinal digestive and absorptive functions in ovariectomized rats. Singh R, et al. **Biochem Int** 1985 May;10(5):777-86

Partially purified white bean amylase inhibitor reduces starch digestion in vitro and inactivates intraduodenal amylase in humans. Layer P, et al. **Gastroenterology** 1985 Jun; 88(6):1895-902

Short term effect of medroxyprogesterone acetate on the rat intestinal digestive & absorptive functions. Singh R, et al. **Indian J Med Res** 1985 Feb;81:186-92

A study of caffeine consumption and symptoms; indigestion, palpitations, tremor, headache and insomnia. Shirlow MJ, et al. **Int J Epidemiol** 1985 Jun;14(2):239-48

Effect of lipid-coated lysine on digestion and nitrogen metabolism by wethers. Glenn BP, et al. **Int J Vitam Nutr Res** 1984;54(4):377-86

Studies on the mechanism of thyrotropin releasing hormone induced inhibition of gastrointestinal transit. Bhargava HN, et al. **Peptides (Fayetteville)** 1985 Mar-Apr;6(2):185-7

Addition of sorbitol to a milk substitute for veal calves. I. Effects on health, growth and feed conversion. Bauchart D, et al. **Reprod Nutr Dev** 1985;25(2):399-409

Effect of thiabendazole treatment on feed intake, digestibility and selected blood values in lactating dairy cows. Fox MT, et al. **Vet Rec** 1985 Mar 9;116(10):257-60

[Digestive action of acid-protected lipase in pancreatogenic steatorrhea] Brackmann P, et al. **Fortschr Med** 1984 Nov 29;102(44):1143-5 (Eng. Abstr.) (Ger)

[Studies of mechanisms of diarrhea induced by fusarenon-X, a trichothecene mycotoxin from Fusarium species; the effects of fusarenon-X and various cathartics on the digestion and the absorption of the mouse intestine] Matsuoka Y, et al. **Yakugaku Zasshi** 1985 Jan;105(1):77-82 (Eng. Abstr.) (Jpn)

DIGESTIVE SYSTEM

The British Society of Gastroenterology. 1984 annual meeting, Liverpool. Abstracts. **Gut** 1984 Oct; 25(10):A1129-93

[Interesting case of foreign bodies in the digestive tract] Lukanov M, et al. **Khirurgiia (Sofiia)** 1984;37(5):416-7 (Bul)

[Foreign bodies of the upper respiratory and digestive tracts: apropos of 123 cases] Ben Dridi MF, et al. **Tunis Med** 1985 Jan;63:9-14 (Eng. Abstr.) (Fre)

[39th annual meeting of the German Society for Digestive and Metabolic Diseases in conjunction with the 16th annual meeting of the German Society for Gastroenterologic Endoscopy. Berlin, 4-6 October 1984. Abstracts] **Z Gastroenterol** 1984 Sep;22(9):423-562 (Ger)

[Ingestion of button-batteries by children: the conservative approach] Shoshany G, et al. **Harefuah** 1985 Feb 15; 108(4):183-5 (Eng. Abstr.) (Heb)

[7th La Cuenca del Plata seminar of gastroenterology. Buenos Aires, 7-9 October 1982] **Acta Gastroenterol Latinoam** 1983;13(3):246-674 (Spa)

[Fibroendoscopic extraction of ingested foreign bodies in 47 cases] Kirberg A. **Rev Med Chil** 1984 Aug;112(8):790-6 (Eng. Abstr.) (Spa)

ABNORMALITIES

[Prenatal diagnosis of digestive system malformations using echography] Elkhazen N, et al. **Rev Med Brux** 1984 Oct; 5(8):541-50 (Eng. Abstr.) (Fre)

[Complications of duplicated digestive organs in children] Akzhigitov GN, et al. **Vestn Khir** 1984 Oct;133(10):98-100 (Eng. Abstr.) (Rus)

[Congenital malformations of the digestive tract observed at necropsy] Ambrosius-Diener K, et al. **Bol Med Hosp Infant Mex** 1985 Apr;42(4):271-4 (Eng. Abstr.) (Spa)

ANALYSIS

Dermorphin-like immunoreactivity in guinea pig and rat stomach. Tsou K, et al. **Neuropeptides** 1985 Feb; 5(4-6):449-52

ANATOMY & HISTOLOGY

Observations on the histology of the alimentary tract of Thais bufo (Lamarck) (Neogastropoda: Muricidae). Shyamasundari K, et al. **Folia Morphol (Praha)** 1985; 33(2):116-24

BLOOD SUPPLY

Vascular lesions of the gastrointestinal system in Whipple's disease. James TN, et al. **Am J Med Sci** 1984 Oct; 288(3):125-9

Ectopic varices in portal hypertension. Lebrec D, et al. **Clin Gastroenterol** 1985 Jan;14(1):105-21

[44 aneurysms of digestive arteries] Cormier JM, et al. **Chirurgie** 1984;110(5):565-70 (Eng. Abstr.) (Fre)

[Vascular malformations of the digestive tract: a cause of severe digestive hemorrhage. Apropos of 2 cases] Assens P, et al. **J Chir (Paris)** 1985 Jan;122(1):47-52 (Eng. Abstr.) (Fre)

CYTOLOGY

Uptake and transport of ferritin in the epithelium of carp (Cyprinus carpio L.) and the possible immunological implications. Rombout JH, et al. **Cell Biol Int Rep** 1985 Jun;9(6):516

DRUG EFFECTS

[Gerontopharmacological aspects at the level of the digestive system] Mungiu OC, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct-Dec;88(4):705-7 (0 ref.) (Rum)

EMBRYOLOGY

Chevalier Jackson lecture. Respiratory and alimentary relations in staged human embryos. New embryological data and congenital anomalies. O'Rahilly R, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):421-9

ENZYMOLOGY

Weaning: enzymatic adaptation. Kretchmer N. **Am J Clin Nutr** 1985 Feb;41(2 Suppl):391-8

Haematoloechus medioplexus: light and electron microscope localization of dipeptidyl aminopeptidases I and II in the gastrodermis. Bogitsh BJ. **Exp Parasitol** 1985 Jun; 59(3):300-6

Peroxidase activity in the epithelium of the digestive tract of the bullfrog, Rana catesbeiana. Sugimoto K, et al. **J Exp Zool** 1985 Feb;233(2):209-19

IMMUNOLOGY

Aminopeptidase N- and human blood group A-antigenicity along the digestive tract and associated glands in the rabbit. Gorvel JP, et al. **Cell Tissue Res** 1985;239(1):241-8

[The intestinal lymphoid system: current concepts] Arnaud-Battandier F. **Gastroenterol Clin Biol** 1984 Aug-Sep;8(8-9):632-40 (95 ref.) (Fre)

[Immunoglobulins in the digestive secretions of healthy children] Beier LV, et al. **Pediatriia** 1985 Jun;(6):7-9 (Eng. Abstr.) (Rus)

INJURIES

[Management of digestive lesions after ingestion of caustics] Sarfati E, et al. **Ann Chir** 1984 Dec;38(9):651-8 (Eng. Abstr.) (Fre)

[Acute acalculous cholecystitis after digestive caustic burn] Saissy JM, et al. **Ann Fr Anesth Reanim** 1985;4(3):310-2 (Eng. Abstr.) (Fre)

INNERVATION

Role of sensory input in the control of food intake. Fantino M. **J Auton Nerv Syst** 1984 May-Jun;10(3-4):347-58

METABOLISM

Effects of histamine and cimetidine on the levels of serotonin and 5-hydroxyindoleacetic acid in various parts of the digestive tract and in the blood and brain of rats. Kleinrok Z, et al. **Acta Physiol Pol** 1984 Mar-Apr;35(2):125-30

Effect of cadmium-feeding on tissue concentrations of elements in germ-free silkworm (Bombyx mori) larvae and distribution of cadmium in the alimentary canal. Suzuki KT, et al. **Comp Biochem Physiol [C]** 1984;79(2):249-53

Cholecalcin (a 9-kDa cholecalciferol-induced calcium-binding protein) messenger RNA. Distribution and induction by calcitriol in the rat digestive tract. Perret C, et al. **Eur J Biochem** 1985 Jul 1;150(1):211-7

Effects of level of feed intake on nitrogen, amino acid and energy digestibilities measured at the end of the smal intestine and over the total digestive tract of growing pigs. Haydon KD, et al. **J Anim Sci** 1984 Sep;59(3):717-24

[Fate of benzo(a)pyrene in the digestive tract. 2. Appearanc of metabolites] Adrian J, et al. **Int J Vitam Nutr Res** 1985 55(1):119-24 (Eng. Abstr.) (Fr

[Fate of benzo(a)pyrene in the digestive tract. 1. I disappearance] Rabache M, et al. **Int J Vitam Nutr R** 1985;55(1):113-7 (Eng. Abstr.) (Fr

MICROBIOLOGY

Influence of decontamination of the digestive tract on th urinary excretion of histamine and some of its metabolit Keyzer JJ, et al. **Agents Actions** 1984 Oct;15(3-4):238-

Individual evolution of digestive tract colonization holoxenic mice by Candida albicans. Walbaum S, et **Infect Immun** 1985 May;48(2):433-8

Selective decontamination of the digestive tract w aztreonam: a study of 10 healthy volunteers. Vries-Hospers HG, et al. **J Infect Dis** 1984 N 150(5):636-42

Ciprofloxacin for selective decontamination of the aliment tract in patients with acute leukemia during remis induction treatment: the effect on fecal fl Rozenberg-Araka M, et al. **J Infect Dis** 1985 152(1):104-7

Selective decontamination of the digestive tract for prevention of infection in acute leukemia. Dekker A, al. **Prog Clin Biol Res** 1985;181:251-3

Selective or complete elimination of the endogenous during allogeneic bone marrow transplantation? Guiot et al. **Prog Clin Biol Res** 1985;181:429-32

Selective decontamination of the digestive tract norfloxacin. A preliminary report. Pecquet SS, et al. **Prog Clin Biol Res** 1985;181:255-8

[Limitations of selective decontamination of the dige system in granulopenia patients toward the preventio infection] van der Waaij D. **Ned Tijdschr Geneeskd** Jul 6;129(27):1268-9

[Bacteriological, parasitological and virological study of the digestive flora in alpha-chain disease] Harzic M, et al. **Gastroenterol Clin Biol** 1985 Jun-Jul;9(6-7):472-9 (Eng. Abstr.) (Fre)

[Bacterial colonization of the digestive tract in newborn infants] Gold F, et al. **Presse Med** 1985 May 18; 14(20):1123-5 (Fre)

[Short review of the literature on viruses demonstrated in the digestive tract of swine] Rutishauser UP, et al. **Schweiz Arch Tierheilkd** 1984 Sep;126(9):447-52 (46 ref.) (Eng. Abstr.) (Ger)

PARASITOLOGY

The helminth fauna of the digestive tracts of chacma baboons, Papio ursinus, from different localities in the Transvaal. Pettifer HL. **Onderstepoort J Vet Res** 1984 Sep; 51(3):161-70

[Distribution of the thorny-headed worm Acanthocephalus lucii (Palaeacanthocephala, Echinorhynchidae) in the digestive tract of the perch] Serov VG. **Parazitologiia** 1985 Jan-Feb;19(1):85-7 (Eng. Abstr.) (Rus)

PATHOLOGY

[Pathology of the digestive tract in kangaroos. A review based on our own study results] Schoon HA, et al. **Tierarztl Prax** 1985;13(2):241-53 (71 ref.) (Eng. Abstr.) (Ger)

[Systemic morphological characteristics of the digestive organs in peptic ulcer and postgastrectomy complications] Pruglo IuV. **Klin Khir** 1984 Aug;(8):11-5 (Eng. Abstr.) (Rus)

[Biorhythm structure of epithelial cellular renewal in the digestive organs in the chronic phase of opisthorchiasis and after worming] Ginovker AG. **Med Parazitol (Mosk)** 1984 Sep-Oct;(5):44-9 (Eng. Abstr.) (Rus)

PHYSIOLOGY

The role of taste in the infant diet. Kare MR, et al. **Am J Clin Nutr** 1985 Feb;41(2 Suppl):418-22

Digestive tract cell proliferation and food consumption patterns of Ha/ICR mice. Burholt DR, et al. **Cell Tissue Kinet** 1985 Jul;18(4):369-86

Role of gastrointestinal transit in the delay of absorption by viscous fibre (guar). Lembcke B, et al. **Hepatogastroenterology** 1984 Aug;31(4):183-6

[Adaptation of the digestive system in sheep to long-term feeding of a fixed ration] Gabrovski L, et al. **Vet Med Nauki** 1985;22(4):63-9 (Bul)

[Transverse and vertical laparotomies in surgery of the abdominal aorta. Comparative study of digestive and respiratory function recovery] Joyeux A, et al. **Chirurgie** 1984;110(5):579-85 (Eng. Abstr.) (Fre)

[Japan Study Group of Manometry of Digestive Tract in Childhood] Nagasaki A. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1188-91 (Eng. Abstr.) (Jpn)

[Digestive system function tests with endoscopy] Harada K, et al. **Nippon Rinsho** 1984 Oct;42(10):2337-41 (Jpn)

[Gastrointestinal hormones and related neuropeptides. II. The secretin group: secretin] Krowicki Z, et al. **Postepy Hig Med Dosw** 1983 Sep-Dec;37(5-6):449-64 (98 ref.) (Eng. Abstr.) (Pol)

[The process of systematically supplying the body with nutrients during the active phase of digestion] Gal'perin IuM. **Fiziol Zh SSSR** 1985 Feb;71(2):182-94 (61 ref.) (Rus)

SECRETION

Metabolic and endocrine interrelations in the human fetus and neonate. Aynsley-Green A. **Am J Clin Nutr** 1985 Feb; 41(2 Suppl):399-417 (37 ref.)

[Role of enzymes of the digestive glands in the regulation of their secretion] Korot'ko GV. **Fiziol Zh SSSR** 1985 Feb; 71(2):171-81 (63 ref.) (Rus)

SURGERY

A case of total esophago-gastro-duodeno-jejunectomy and partial pancreatectomy for lye burns, and reconstruction with colon interposition. Ganepola GA, et al. **J Trauma** 1984 Oct;24(10):913-6

[Postoperative hypophosphoremia in digestive surgery. Influence of the parenteral diet] Delalande JP, et al. **Ann Fr Anesth Reanim** 1984;3(6):414-20 (Eng. Abstr.) (Fre)

[Postoperative risk in major digestive surgery. Value of a prognostic nutritional index based upon 114 operations] Pélissier G, et al. **Chirurgie** 1984;110(6-7):615-20 (Eng. Abstr.) (Fre)

[Suction drainage in general and digestive surgery. Apropos of the use of Reliavac material] Hollender LF, et al. **J Chir (Paris)** 1984 Aug-Sep;121(8-9):539-40 (Eng. Abstr.) (Fre)

[Evaluation of the activity and quality of care in a digestive surgery department] Delassus P, et al. **Presse Med** 1985 Feb 9;14(5):263-6 (Eng. Abstr.) (Fre)

[Infections following gastrointestinal surgery and prophylactic antibiotics] Kinoshita H **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1138-42 (Eng. Abstr.) (Jpn)

[Studies on changes of lysozyme activity during pre- and postoperative periods in alimentary tract surgery] Sasaki M. **Nippon Geka Gakkai Zasshi** 1984 Jun;85(6):521-33 (Eng. Abstr.) (Jpn)

[Use of permanent magnets in digestive tract surgery in children] Stepanov EA, et al. **Vestn Akad Med Nauk SSSR** 1984;(9):6-11 (Eng. Abstr.) (Rus)

TRANSPLANTATION

[Transplantation of multiple organs below the diaphragm] Taira A, et al. **Nippon Rinsho** 1985 Jan;43(1):75-8 (Jpn)

ULTRASTRUCTURE

[Disturbances in the digestive tract of Ips sexdentatus (Insecta: Scolitidae) induced by Parasitorhabditis ipsophila (Nematoda: Rhabditidae)] Lieutier F. **Ann Parasitol Hum Comp** 1984;59(6):597-605 (Eng. Abstr.) (Fre)

DIGESTIVE SYSTEM DISEASES

The British Society of Gastroenterology. 1984 annual meeting, Liverpool. Abstracts. **Gut** 1984 Oct; 25(10):A1129-93

Abstracts of papers presented at the Eighteenth Scandinavian Conference on Gastroenterology and the Ninth Scandinavian Meeting on Gastrointestinal Endoscopy. Linköping, Sweden, 30 May-1 June 1985. **Scand J Gastroenterol [Suppl]** 1985;113:11-80

Noncolonic diverticular disease. Brian JE Jr, et al. **Surg Gynecol Obstet** 1985 Aug;161(2):189-95 (46 ref.)

[External fistulae of the digestive tract] Podzimek A, et al. **Rozhl Chir** 1985 May;64(5):370-7 (Eng. Abstr.) (Cze)

[Generalized scleroderma and the digestive system] Leport J, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Dec; 20(6):375-9 (44 ref.) (Fre)

[39th annual meeting of the German Society for Digestive and Metabolic Diseases in conjunction with the 16th annual meeting of the German Society for Gastroenterologic Endoscopy. Berlin, 4-6 October 1984. Abstracts] **Z Gastroenterol** 1984 Sep;22(9):423-562 (Ger)

[The 71st congress of the Japanese Society of Gastroenterology. Sapporo, Japan, May 22-24, 1985. Abstracts] **Nippon Shokakibyo Gakkai Zasshi** 1985 Apr;82 Suppl:749-1292 (Jpn)

[7th La Cuenca del Plata seminar of gastroenterology. Buenos Aires, 7-9 October 1982] **Acta Gastroenterol Latinoam** 1983;13(3):246-674 (Spa)

[Abstracts of presentations at the national meeting of the Asociación Mexicana de Gastroenterología 1984] **Rev Gastroenterol Mex** 1984 Oct-Dec;49(4):265-355 (Spa)

CHEMICALLY INDUCED

[Hospitalization in hepatogastroenterology for iatrogenic pathology. Prospective study] Hillon P, et al. **Therapie** 1985 Jul-Aug;40(4):253-6 (Eng. Abstr.) (Fre)

[Various indicators of the pathology of the internal organs and the nervous system in workers exposed to pesticides in hothouses] Bezuglyĭ VP, et al. **Vrach Delo** 1985 Feb; (2):105-8 (Eng. Abstr.) (Rus)

COMPLICATIONS

Influence of extrapancreatic digestive disorders on the indirect pancreatic function test with fluorescein dilaurate. Malfertheiner P, et al. **Clin Physiol Biochem** 1985; 3(4):166-73

[Disorders of duodenal patency in digestive organ diseases and their correction] Avilov LP. **Klin Khir** 1984 Aug; (8):36-9 (Eng. Abstr.) (Rus)

[Syndrome of disseminated intravascular coagulation in diseases of the digestive organs] Shchepotin BM, et al. **Klin Med (Mosk)** 1985 Mar;63(3):23-30 (62 ref.) (Rus)

DIAGNOSIS

Endoscopic ultrasonography. Our experience in abdominal diseases. Gandolfi L, et al. **Acta Gastroenterol Belg** 1984 Jul-Aug;47(4):408-17

Evidence of improvement in deficient gastroenterological diagnosis—a regional experience report. Gibiński K, et al. **Hepatogastroenterology** 1984 Dec;31(6):274-6

Terminology, definitions and diagnostic criteria in digestive endoscopy. With the collaboration of the members of the Terminology Committee of the World Society of Digestive Endoscopy/OMED. Mařatka Z. **Scand J Gastroenterol [Suppl]** 1984;103:1-74

Intraoperative consultation for the liver, biliary system, pancreas, duodenum, and spleen. Hermann RE. **Urol Clin North Am** 1985 Aug;12(3):469-76

[Current developments in the field of endoscopy in the treatment of digestive system disorders] van Hees PA. **Tijdschr Gerontol Geriatr** 1984 Oct;15(5):181-8 (Eng. Abstr.) (Dut)

[Digestive manifestations of rheumatoid purpura in adults] Quarre JP, et al. **Acta Gastroenterol Belg** 1984 Jul-Aug; 47(4):403-7 (Eng. Abstr.) (Fre)

[Does music alleviate endoscopy? A controlled study in 60 patients (letter)] Triachet JC, et al. **Gastroenterol Clin Biol** 1985 Jan;9(1):86-7 (Fre)

[Esophagogastroduodenal endoscopy in diagnosis in tropical areas. Apropos of 3000 studies performed in adults] Aubry P, et al. **Med Trop (Mars)** 1984 Jul-Sep;44(3):231-9 (Eng. Abstr.) (Fre)

[Evolution of imaging technics in the diagnosis of diseases of the digestive system and adnexal glands] Boverie JH. **Rev Med Liege** 1985 May 1;40(9):345-57 (Fre)

[Diagnostic significance of nuclear spin(MR)-tomography in gastroenterology] Rupp N, et al. **Dtsch Med Wochenschr** 1985 Apr 19;110(16):648-50 (Ger)

[Evaluation of errors of ultrasonic diagnosis based on the analysis of our cases] Juszczyk Z. **Pol Tyg Lek** 1985 Jan 21;40(3):69-71 (Eng. Abstr.) (Pol)

[Ultrasonic diagnosis of digestive system diseases] Boger MM, et al. **Klin Med (Mosk)** 1985 Feb;63(2):97-100 (Rus)

[Various current aspects of diagnostic enzymology using organ-specific enzymes] Karelin AA, et al. **Vestn Akad Med Nauk SSSR** 1984;(8):89-94 (31 ref.) (Rus)

[Significance of duodenogastric reflux in digestive diseases (a review of the literature)] Peleshchuk AP, et al. **Vrach Delo** 1984 Oct;(10):15-21 (65 ref.) (Rus)

DIET THERAPY

[New views on diet therapy of digestive system diseases] Hasik J. **Wiad Lek** 1984 Jun 15;37(12):967-74 (Pol)

[Nutrition of children with acute bronchitis associated with an abdominal pain syndrome] Shelbak MP, et al. **Vopr Pitan** 1984 Nov-Dec;(6):64 (Rus)

[Nutrition of patients from various dispensary groups at industrial plants] Karpenko PA, et al. **Vrach Delo** 1985 May;(5):106-8 (Eng. Abstr.) (Rus)

DRUG THERAPY

Sucralfate: nonulcer uses. American College of Gastroenterology Committee on FDA-Related Matters. Brooks WS Jr. **Am J Gastroenterol** 1985 Mar;80(3):206-9

[Clinical effects of cefoxitin on infections in digestive diseases] Irie T, et al. **Jpn J Antibiot** 1985 Jan;38(1):74-82 (Eng. Abstr.) (Jpn)

ETIOLOGY

[Mucoviscidosis. Digestive manifestations in the child and monosymptomatic forms] Buts JP. **Acta Gastroenterol Belg** 1984 Mar-Apr;47(2):132-3 (Fre)

[Severe digestive complications of AIDS in a group of patients from Zaire] Jonas C, et al. **Acta Gastroenterol Belg** 1984 Jul-Aug;47(4):396-402 (Eng. Abstr.) (Fre)

[Digestive mycoses] Leport J, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jan-Feb;20(1):53-7 (Fre)

[Digestive localizations of scleroderma] Modigliani R. **Ann Med Interne (Paris)** 1984;135(8):601-5 (Eng. Abstr.) (Fre)

[Pancreatic endocrine tumors with digestive effects. Physiopathological and clinical aspects] Rigaud D, et al. **Ann Med Interne (Paris)** 1984;135(5):396-9 (Eng. Abstr.) (Fre)

[AIDS] Morichau-Beauchant M. **Gastroenterol Clin Biol** 1985 Apr;9(4):323-6 (Fre)

[Digestive manifestations of the acquired immunodeficiency syndrome (AIDS): study in 26 patients] René E, et al. **Gastroenterol Clin Biol** 1985 Apr;9(4):327-35 (Eng. Abstr.) (Fre)

[Digestive localizations of sexually transmitted diseases in male homosexuals] Parnaud E, et al. **Presse Med** 1985 Jun 8;14(23):1282-6 (Eng. Abstr.) (Fre)

[Causes and prevention of nonspecific digestive fistulas. II. Special considerations] Mosimann F, et al. **Schweiz Rundsch Med Prax** 1984 Nov 20;73(47):1461-4 (45 ref.) (Eng. Abstr.) (Fre)

[Causes and prevention of nonspecific digestive fistulas. I. General considerations] Mosimann F. **Schweiz Rundsch Med Prax** 1984 Nov 20;73(47):1459-60 (Eng. Abstr.) (Fre)

[Living and working conditions and the nutrition of workers in the textile industry with pancreatic, biliary tract and intestinal diseases] Bojanowicz K, et al. **Med Pr** 1984; 35(4):293-6 (Eng. Abstr.) (Pol)

[Digestive complications of Campylobacter enteritis] Lázaro A, et al. **An Esp Pediatr** 1985 Mar 31;22(4):275-9 (Eng. Abstr.) (Spa)

FAMILIAL & GENETIC

[The place of genetics in digestive pathology] De Meyer R. **Acta Gastroenterol Belg** 1984 Mar-Apr;47(2):109-12 (Fre)

IMMUNOLOGY

[A new carbohydrate antigen CA19-9 associated with malignancies of digestive system. II. Serum levels of CA19-9 in various digestive diseases and their clinical significance] Yamanaka T, et al. **Rinsho Byori** 1984 Jul; 32(7):786-92 (Jpn)

[Antibodies against hepatitis A virus in patients hospitalized with liver diseases and other diseases of the digestive system] Juszczyk J, et al. **Pol Tyg Lek** 1984 Aug 13; 39(33):1103-6 (Eng. Abstr.) (Pol)

[Functional evaluation of the complement system in children with digestive organ pathology] Maianskaia IV, et al. **Pediatriia** 1985 Jun;(6):9–12 (Eng. Abstr.) (Rus)

[Changes in various immunologic indices in gastroduodenal and biliary pathology in children] Sheliapina VV, et al. **Pediatriia** 1984 Oct;(10):13–5 (Eng. Abstr.) (Rus)

METABOLISM

[Indirect calorimetry: application to nutritional assistance in digestive pathology] Lerebours E, et al. **Gastroenterol Clin Biol** 1984 Aug–Sep;8(8–9):595–8 (Fre)

[Bile biochemistry in various digestive system diseases] Baramiia GSh, et al. **Klin Med (Mosk)** 1984 Oct;62(10):51–5 (Eng. Abstr.) (Rus)

OCCURRENCE

[Epidemiology and the problems of preventing chronic diseases of the digestive organs in children] Baranov AA, et al. **Pediatriia** 1985 Jun;(6):52–4 (Rus)

[The state of the digestive organs in recipients of kidney transplants] Peleshchuk AP, et al. **Ter Arkh** 1984;56(7):81–5 (Eng. Abstr.) (Rus)

PATHOLOGY

[Case of a biliodigestive fistula—a variant of Bouveret's syndrome] Mutincheva R, et al. **Vutr Boles** 1984;23(6):60–4 (Eng. Abstr.) (Bul)

PHYSIOPATHOLOGY

Adaptation of the small intestine to induced maldigestion in rats. Experimental pancreatic atrophy and acarbose feeding. Creutzfeldt W, et al. **Scand J Gastroenterol [Suppl]** 1985;112:45–53

PSYCHOLOGY

[Organ specificity of emotional–vegetative disorders and the activity of the adrenergic system] Szewczyk L. **Pediatr Pol** 1984 Jul;59(7):581–6 (Eng. Abstr.) (Pol)

SURGERY

[Digestive system surgery in octogenarians] Reignier M, et al. **Acta Chir Belg** 1985 Mar–Apr;85(2):139–46 (Eng. Abstr.) (Fre)

[Postoperative abdominal infection. Epidemiological aspects at the Clinical Hospital of Salamanca] Abdel-Lah BA, et al. **Ann Chir** 1984 Sep;38(6):415–8 (Eng. Abstr.) (Fre)

[Clinical and epidemiological evaluation of preventive antibiotherapy in scheduled digestive surgery. Results apropos of 121 cases] Bernard E, et al. **Ann Chir** 1984 Sep; 38(6):420–7 (Eng. Abstr.) (Fre)

[Early enteral feeding by jejunostomy in severe digestive surgery. Analysis of 75 cases] Negri G, et al. **Ann Chir** 1985 Apr;39(3):215–8 (Eng. Abstr.) (Fre)

[Postoperative septicemias] Skouri H, et al. **Cah Anesthesiol** 1982 Nov;30(7):923–31 (Fre)

[Prevention of suppurative-inflammatory complications of postoperative wounds with a high risk of suppuration] Kanshin NN, et al. **Sov Med** 1984;(12):30–4 (Eng. Abstr.) (Rus)

[Use of the laser scalpel in operations on parenchymatous abdominal organs] Koshelev VN, et al. **Vestn Khir** 1985 Mar;134(3):45–8 (Eng. Abstr.) (Rus)

THERAPY

Balloon dilatation of upper digestive tract strictures. Lindor KD, et al. **Gastroenterology** 1985 Sep;89(3):545–8

[Our experience with the use of total parenteral nutrition in a department of surgery] Pancaldi R, et al. **Minerva Chir** 1984 Dec 15–31;39(23-24):1713–6 (Eng. Abstr.) (Ita)

[Therapeutic endoscopy of the upper portions of the digestive tract (review of the foreign literature since 1979)] Bachev II. **Klin Med (Mosk)** 1984 Dec;62(12):29–32 (51 ref.) (Rus)

VETERINARY

Survey of nutritional management practices and metabolic disorders in West Virginia dairy herds. Varga GA, et al. **J Dairy Sci** 1985 Jun;68(6):1507–12

[Ruminal drinkers and clay defecators] de Visser NA, et al. **Tijdschr Diergeneeskd** 1984 Oct 15;109(20):800–4 (Eng. Abstr.) (Dut)

[Pathology of the digestive tract in kangaroos. A review based on our own study results] Schoon HA, et al. **Tierarztl Prax** 1985;13(2):241–53 (71 ref.) (Eng. Abstr.) (Ger)

DIGESTIVE SYSTEM NEOPLASMS

[Advantages of studying patients with neoplasms of the digestive tract by whole-body bone gammagraphy with 99mTc-MDP for the diagnosis of skeletal metastasis. Correlation with radiology and laboratory tests] Caballero Carpena O. **Rev Esp Enferm Apar Dig** 1985 May; 67(5):429–34 (Eng. Abstr.) (Spa)

[Carcinoid tumors of the digestive tract. Experience in the Instituto Nacional de la Nutrición Salvador Zubirán] Mercado Díaz MA, et al. **Rev Invest Clin** 1985 Jan–Mar; 37(1):5–10 (Eng. Abstr.) (Spa)

BLOOD

Inhibition of granulocyte–macrophage (GM) colony formation by sera of patients with neoplasms of digestive tract in the course of surgical treatment. Szmitkowski M, et al. **Haematologia (Budap)** 1984;17(4):439–42

CHEMICALLY INDUCED

Tumor induction in Praomys (Mastomys) natalensis by N,N'-2,7-fluorenylenebisacetamide. Hoch-Ligeti C, et al. **JNCI** 1985 Apr;74(4):909–15

Comparative carcinogenesis by hydroxylated nitrosopropylamines in Syrian hamsters. Lijinsky W, et al. **JNCI** 1985 Apr;74(4):923–6

COMPLICATIONS

Percutaneous transhepatic cholangiography, drainage, and biopsy in patients with malignant biliary obstruction. An alternative to surgery. Voegeli DR, et al. **Am J Surg** 1985 Aug;150(2):243–7

Nutritional support as an adjunct therapy of advanced cancer patients. Tandon SP, et al. **Indian J Med Res** 1984 Aug; 80:180–8

DIAGNOSIS

Endoscopy in cancer diagnosis and management. Sugarbaker PH. **Hosp Pract [Off]** 1984 Nov;19(11):111–22

[Lipomas of the digestive tract. Review of the literature apropos of 5 cases] Bruneton JN, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jan–Feb; 20(1):27–32 (Eng. Abstr.) (Fre)

[CA 12–5 in cancer of the digestive tract. A comparison with CA 19–9 and CEA in cancer of the pancreas and colon] Klapdor R, et al. **Dtsch Med Wochenschr** 1984 Dec 21; 109(51–52):1949–54 (Eng. Abstr.) (Ger)

[Evaluation of serum CA 19–9 in digestive diseases. Fundamental and clinical studies] Masaka M, et al. **Kaku Igaku** 1985 Jan;22(1):85–9 (Jpn)

[Monoclonal antibodies—new methods of diagnosing and treating cancers of the digestive tract] Makólska J. **Nowotwory** 1985 Jan–Mar;35(1):16–22 (Eng. Abstr.) (Pol)

[A method of ultrasonic scanning in oncology] Pletnev SD, et al. **Sov Med** 1984;(8):82–5 (Rus)

DRUG THERAPY

Cis-diaminodichloroplatinum (II) chemotherapy for advanced adenocarcinoma of the upper gastrointestinal tract. Kantarjian H, et al. **Oncology** 1985;42(2):69–71

[Cowden's disease: efficacy of etretinate on cutaneous and digestive manifestations] Thivolet J, et al. **Ann Dermatol Venereol** 1984;111(11):1017–8 (Fre)

[Chemotherapy of carcinoma of the upper respiratory and digestive tract] Brugère J. **Bull Cancer (Paris)** 1984; 71(4):370–3 (Eng. Abstr.) (Fre)

[Combination of cisplatin with 5-fluorouracil in the primary treatment of advanced carcinoma of the upper respiratory and digestive tract (letter)] Jovenіaux A, et al. **Bull Cancer (Paris)** 1984;71(4):390 (Fre)

ECONOMICS

Economic status and survivorship in digestive system cancers. Chirikos TN, et al. **Cancer** 1985 Jul 1;56(1):210–7

ENZYMOLOGY

Granulocyte collagenase and cathepsin B in patients with cancer of digestive organs. Tanimoto K, et al. **Gastroenterol Jpn** 1984 Dec;19(6):537–42

Leucine aminopeptidase in gastrointestinal cancers. Mehrotra TN, et al. **J Assoc Physicians India** 1984 Jul;32(7):583–4

[Hepatic metastases. Detection: methodology, application to biological assays] Huguier M, et al. **Ann Chir** 1985 May; 39(4):275–9 (Eng. Abstr.) (Fre)

ETIOLOGY

The use of epidemiology, scientific data, and regulatory authority to determine risk factors in cancers of some organs of the digestive system. 1. Introduction. Cordle F. **Regul Toxicol Pharmacol** 1985 Jun;5(2):225–37

FAMILIAL & GENETIC

Familial hyperkeratosis lenticularis perstans. Associated with cancers of the digestive organs. Ishibashi A, et al. **J Dermatol (Tokyo)** 1984 Aug;11(4):407–9

IMMUNOLOGY

Determination and significance of a new carbohydrate antigen CA19-9 in digestive system cancers. Arakawa Y, et al. **Jpn J Med** 1985 May;24(2):121–30

Carcinoembryonic antigen fraction in digestive cancer. Fong S, et al. **Neoplasma** 1985;32(2):199–208

[Diagnostic value of a new serum marker of human digestive cancer: the carbohydrate antigen 19.9; comparison with the carcinoembryonic antigen] Olsson NO, et al. **Gastroenterol Clin Biol** 1985 Mar;9(3):206–11 (Eng. Abstr.) (Fre)

[Value of the assay of carbohydrate antigen in the study of digestive cancers (letter)] Charrie-Jambon A, et al. **Presse Med** 1984 Dec 15;13(45):2764–5 (Fre)

[Experimental studies and clinical investigations on natural killer (NK) activity—NK activity in tumor bearing mice and in patients with cancer of digestive organs] Maenohara S. **Igaku Kenkyu** 1984 Apr;54(3):301–16 (Eng. Abstr.) (Jpn)

MORTALITY

[Geographical difference of mortality of digestive cancer and food consumption] Hara N, et al. **Gan No Rinsho** 1984 Oct;30(13):1665–74 (Eng. Abstr.) (Jpn)

OCCURRENCE

Estimation of the prevalence of occult cancer and its application to the epidemiology of multiple primary cancer. Yamaguchi N, et al. **Jpn J Clin Oncol** 1985 Apr;15 Suppl 1:313–23

[Cutaneous prickle-cell epitheliomas and visceral cancer] Guillaume JC, et al. **Ann Dermatol Venereol** 1985; 112(1):21–4 (Eng. Abstr.) (Fre)

[Epidemiological study of cancers of the digestive system in Belgium. Interuniversity study: nutrition and health] Tuyns A, et al. **Rev Med Liege** 1985 Jan 1;40(1):1–7 (Fre)

[5th report of the Study Group on Cancer of the Digestive System] Villalobos JJ, et al. **Gac Med Mex** 1983 Aug; 119(8):334–42 (Spa)

[Neoplasms of the digestive tract. Review of 70,055 cases of surgical and necropsy material] Gutiérrez Samperio C, et al. **Rev Gastroenterol Mex** 1984 Apr–Jun;49(2):59–67 (Eng. Abstr.) (Spa)

PATHOLOGY

Application of Con A-FITC and Con A-HRP conjugates in histological diagnostics of digestive tract tumours. Kolář Z, et al. **Acta Univ Palacki Olomuc Fac Med** 1985; 108:179–92

[Case report of synchronous multiple primary malignant tumors of the digestive tract] Ivanov S, et al. **Khirurgiia (Sofiia)** 1985;38(1):56–8 (Bul)

[Dermatomyositis as a paraneoplastic manifestation in cancer of the upper respiratory and digestive tracts. Problems of its evolution and treatment] Sarafoleanu D, et al. **Rev Chir [Otorinolaringol]** 1985 Apr–Jun;30(2):107–10 (Eng. Abstr.) (Rum)

PHYSIOPATHOLOGY

[Prognostic nutritional index in gastrointestinal surgery of malnourished cancer patients] Onodera T, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1001–5 (Eng. Abstr.) (Jpn)

RADIOTHERAPY

[Changes in the serum protein profile during radiotherapy of the upper respiratory and digestive tracts] David M, et al. **Ann Biol Clin (Paris)** 1984;42(4):283–8 (Eng. Abstr.) (Fre)

[Radiotherapy for carcinoma of digestive organs] Abe M, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1083–6 (Eng. Abstr.) (Jpn)

SECRETION

[Recklinghausen's disease with digestive localization associated with gastric acid hypersecretion suggesting Zollinger-Ellison syndrome] Chagnon JP, et al. **Gastroenterol Clin Biol** 1985 Jan;9(1):65–9 (Eng. Abstr.) (Fre)

SURGERY

Analysis of pancreatoduodenectomy. O'Brien PH, et al. **J Surg Oncol** 1985 Jan;28(1):50–8

[The laser and digestive tumors. Study of 280 cases and presentation of a film] Etienne J, et al. **Chirurgie** 1985; 111(2):145–9 (Eng. Abstr.) (Fre)

[Evaluation of perioperative cefoxitin in the prevention of infectious complications of surgery in cancer of the upper respiratory-digestive tracts] Lacut JY, et al. **Pathol Biol (Paris)** 1985 May;33(5):320–4 (Eng. Abstr.) (Fre)

[Artificial feeding in surgery. Our experience] Doldi SB, et al. **Minerva Dietol Gastroenterol** 1984 Jul–Sep;30(3):209-

(Eng. Abstr.) (Ita)

THERAPY

Comparison of immunological responses and survival peri in cancer patients treated with intradermal a intramuscular injection of the streptococcal prepara OK-432. Hanaue H, et al. **Keio J Med** 1984 Apr;33(1):17-

[Solar (celiac) block in intractable neoplastic pain origi in the subdiaphragmatic digestive system] Batier C, et **Cah Anesthesiol** 1985 Jan–Feb;33(1):31–4 (Eng. Abstr.) (F

[Digestive localizations of non Hodgkin's malig lymphoma. Clinical, therapeutic and prognostic aspe Apropos of 29 cases] Delpero JR, et al. **J Chir (Paris)** 1 Feb;122(2):75–86 (Eng. Abstr.) (F

VETERINARY

The presence of bovine papillomavirus type 4 DNA is required for the progression to, or the maintenance of, the malignant state in cancers of the alimentary canal in cattle. Campo MS, et al. **EMBO J** 1985 Jul;4(7):1819–25

Tumors of the alimentary tract. Crow SE. **Vet Clin North Am [Small Anim Pract]** 1985 May; 15(3):577–96 (43 ref.)

DIGILANIDES see **LANATOSIDES**

DIGITALIS

Effect of digitalis treatment on survival after acute myocardial infarction. Bigger JT Jr, et al. **Am J Cardiol** 1985 Mar 1;55(6):623–30

Effects of hyperkalemia on the electrocardiogram of patients receiving digitalis. Weizenberg A, et al. **Am J Cardiol** 1985 Apr 1;55(8):968–73

The death of Samuel Johnson. Was it hastened by digitalis intoxication? Dircks JH. **Am J Dermatopathol** 1984 Dec; 6(6):531–6

Accidental digitalis poisoning due to drinking herbal tea. Bain RJ. **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1624

William Withering and digitalis, 1785 to 1985. Wilkins MR, et al. **Br Med J [Clin Res]** 1985 Jan 5;290(6461):7–8

Withering and the foxglove. Singh RB. **Indian Heart J** 1985 Mar–Apr;37(2):135–7

Biographical sketches—54. Withering. Breathnach CS. **Ir Med J** 1985 Jul;78(7):199

William Withering: An account of the foxglove and some of its medical uses 1785–1985. Fisch C. **J Am Coll Cardiol** 1985 May;5(5 Suppl A):1A–2A

Enhancement of triggered activity in ischemic Purkinje fibers by ouabain: a mechanism of increased susceptibility to digitalis toxicity in myocardial infarction. Hariman RJ, et al. **J Am Coll Cardiol** 1985 Mar;5(3):672–9

The foxglove, 'The old woman from Shropshire' and William Withering. Krikler DM. **J Am Coll Cardiol** 1985 May;5(5 Suppl A):3A–9A

Mechanisms of age-related differences in the cardiotoxic action of digitalis. Khatter JC. **J Cardiovasc Pharmacol** 1985 Mar–Apr;7(2):258–61

Foxglove facts [letter] Krikler DM. **Lancet** 1985 Jun 1; 1(8440):1284–5

Increased digitalis-like activity in human cerebrospinal fluid after expansion of the extracellular fluid volume. Halperin JA, et al. **Life Sci** 1985 Aug 12;37(6):561–6

Birthday present for digitalis [news] Allen DG, et al. **Nature** 1985 Aug 22–28;316(6030):674–5

Digitalis toxicity at Duke Hospital, 1973 to 1984. Moorman JR. **South Med J** 1985 May;78(5):561–4

[Effect of magnesium on erythrocytic electrolytes in digitalis poisoning] Wang L. **Chung Hua Nei Ko Tsa Chih** 1984 Jun;23(6):333–5, 396 (Eng. Abstr.) (Chi)

[Withering and diuresis with digitalis; the pioneer of rational medicine] Snellen HA. **Ned Tijdschr Geneeskd** 1985 Apr 20;129(16):750–3 (Dut)

[Digitalis purpurea 1785–1985] Rietbrock N, et al. **Dtsch Med Wochenschr** 1985 Jun 28;110(26):1052–4 (Ger)

[Effects of digitalis therapy in patients with degree I atrio-ventricular block: study with high-resolution electrocardiography] Adinolfi L, et al. **Recenti Prog Med** 1985 Feb;76(2):93–4 (Eng. Abstr.) (Ita)

[Withering and digitalis] Vasilenko VKh. **Klin Med (Mosk)** 1985 Jun;63(6):12–9 (Rus)

GROWTH & DEVELOPMENT

[Cultivation and improvement of Digitalis lanata in the Netherlands] Mastenbroek C. **Ned Tijdschr Geneeskd** 1985 Apr 20;129(16):758–9 (Dut)

METABOLISM

Reduced number of digitalis receptor sites in the hypertrophied pig myocardium. Khatter JC, et al. **Basic Res Cardiol** 1984 Jul–Aug;79(4):396–401

DIGITALIS GLYCOSIDES

ADMINISTRATION & DOSAGE

The effect of rapid digitalization on ventricular function in patients with congestive heart failure. Rotenberg Z, et al. **J Clin Pharmacol** 1985 Jul–Aug;25(5):384–6

ADVERSE EFFECTS

Hypomagnesemia in the patient receiving digitalis [editorial] Flink EB. **Arch Intern Med** 1985 Apr;145(4):625–6

Frequency of hypomagnesemia in hospitalized patients receiving digitalis. Whang R, et al. **Arch Intern Med** 1985 Apr;145(4):655–6

Digitalis toxicity: a review of the literature. Moenning SP. **Indiana Med** 1984 Nov;77(11):874–6 (33 ref.)

Digitalis cardiotoxicity. Fisch C, et al. **J Am Coll Cardiol** 1985 May;5(5 Suppl A):91A–98A (19 ref.)

Antibodies and digitalis: the modern revolution in the use of an ancient drug. Haber E. **J Am Coll Cardiol** 1985 May; 5(5 Suppl A):111A–117A (56 ref.)

Cellular electrophysiology of digitalis toxicity. Rosen MR. **J Am Coll Cardiol** 1985 May;5(5 Suppl A):22A–34A (95 ref.)

Factors affecting tolerance to digitalis. Surawicz B. **J Am Coll Cardiol** 1985 May;5(5 Suppl A):69A–81A (124 ref.)

Treatment of 63 severely digitalis-toxic patients with digoxin-specific antibody fragments. Wenger TL, et al. **J Am Coll Cardiol** 1985 May;5(5 Suppl A):118A–123A

[Therapeutic value of intravenous diphenylhydantoin in digitalis arrhythmia] Magyarósi G. **Rev Med Interna [Med Interna]** 1985 Jan–Feb;37(1):61–6 (Rum)

CHEMICAL SYNTHESIS

[Semi-synthetic cardiotonics of digitalis and new synthetic positive inotropic agents] Randimbivololona F, et al. **J Pharm Belg** 1984 Jul–Aug;39(4):225–32 (Eng. Abstr.) (Fre)

HISTORY

[Withering and digitalis] Vasilenko VKh. **Klin Med (Mosk)** 1985 Jun;63(6):12–9 (Rus)

IMMUNOLOGY

Preparation and experimentation of an antidigitalin monoclonal antibody: interest in human treatment. Edelman L, et al. **Dev Biol Stand** 1984;57:343–7

METABOLISM

Binding of digitalis derivatives to beef, cat and human cardiac (Na+ + K+)-ATPase. Affinity and kinetic constants. Brown L, et al. **Arch Int Pharmacodyn Ther** 1984 Oct; 271(2):229–40

Comparison of the affinity of human, beef and cat heart (Na+ + K+)-ATPase for different digitalis derivatives. Brown L, et al. **Arzneimittelforsch** 1984;34(10):1314–8

Evidence for two kinetically and functionally different types of cardiac glycoside receptors in the heart. Erdmann E, et al. **Eur Heart J** 1984 Dec;5 Suppl F:297–302

Digitalis: new aspects of pharmacokinetics and clinical implications. Ambrosioni E, et al. **G Ital Cardiol** 1984 Sep; 14(9):699–701

Interactions between digitalis and antiarrhythmic drugs. Wenger TL, et al. **NC Med J** 1985 Jan;46(1):25–8 (16 ref.)

PHARMACODYNAMICS

Digitalis-induced augmentation of cardiopulmonary baroreflex control of forearm vascular resistance. Imamura T, et al. **Circulation** 1985 Jan;71(1):11–6

The dual effect of sodium ion on the digitalis-sodium pump interaction. Brody TM, et al. **Eur Heart J** 1984 Dec;5 Suppl F:291–6

Endogenous digitalis-like factors. Introductory remarks. Labella FS. **Fed Proc** 1985 Sep;44(12):2780–1

Calcium and the mechanism of action of digitalis. Orrego F. **Gen Pharmacol** 1984;15(4):273–80

Effects of digitalis on the normal and the failing heart. Braunwald E. **J Am Coll Cardiol** 1985 May;5(5 Suppl A):51A–59A (60 ref.)

Effects of digitalis on cell biochemistry: sodium pump inhibition. Katz AM. **J Am Coll Cardiol** 1985 May;5(5 Suppl A):16A–21A (19 ref.)

Extracardiac and coronary vascular effects of digitalis. Longhurst JC, et al. **J Am Coll Cardiol** 1985 May;5(5 Suppl A):99A–105A (102 ref.)

An 'account' of digitalis and atrial fibrillation. Meijler FL. **J Am Coll Cardiol** 1985 May;5(5 Suppl A):60A–68A (79 ref.)

Digitalis and the autonomic nervous system. Watanabe AM. **J Am Coll Cardiol** 1985 May;5(5 Suppl A):35A–42A (52 ref.)

[Mechanism of action of digitalis glycosides] Swynghedauw B. **Ann Cardiol Angeiol (Paris)** 1984 Dec;33(8):563–5 (Eng. Abstr.) (Fre)

POISONING

Digitalis toxicity. Antman EM, et al. **Annu Rev Med** 1985; 36:357–67 (44 ref.)

Protective effect of nifedipine upon digitalis intoxication. Perez-Olea J, et al. **Arzneimittelforsch** 1984;34(10):1271–4

Electrocardiogram of the month. Johnson CD. **Bol Asoc Med PR** 1984 Aug;76(8):362–4

Accidental digitalis poisoning due to drinking herbal tea. Bain RJ. **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1624

Advances in the treatment of poisoning I. Boldy DA, et al. **J Clin Hosp Pharm** 1984 Sep;9(3):147–60 (74 ref.)

[Ischemic colitis following digitalis poisoning] Keller HW, et al. **Chirurg** 1984 Dec;55(12):830–1 (Ger)

[Value of the radioimmunoassay of plasma digoxin in diagnosing digitalis poisoning] Magyarósi G, et al. **Rev Med Interna [Med Interna]** 1984 Nov–Dec;36(6):551–7 (Eng. Abstr.) (Rum)

[Digitalis poisoning—treatment with specific antibodies] Kulling P. **Lakartidningen** 1985 Jan 30;82(5):287–8 (Swe)

THERAPEUTIC USE

Digitalis in congestive heart failure [letter] Fleg JL, et al. **Ann Intern Med** 1984 Dec;101(6):879–80

The role of digitalis in the future. Poole-Wilson PA. **Br J Clin Pharmacol** 1984;18 Suppl 2:151S–156S

Alternative to the digitalis glycosides for heart failure [letter] Wilmshurst P. **Br Med J [Clin Res]** 1985 May 18; 290(6480):1515

Digitalis treatment in uremic patients. Kreusser W, et al. **Contrib Nephrol** 1984;41:255–61

How useful is digitalis in patients with congestive heart failure and sinus rhythm? Fleg JL, et al. **Int J Cardiol** 1984 Sep;6(3):295–305

Digitalis and breast cancer [letter] Friedman GD. **Lancet** 1984 Oct 13;2(8407):875

Current problems of digitalis treatment. Róna G. **Ther Hung** 1982;30(4):163–7

[Is digitalis still valuable in 1985?] Dunning AJ. **Ned Tijdschr Geneeskd** 1985 Apr 20;129(16):724–8 (Dut)

[Digitalis and atrial fibrillation in 1985] Meijler FL, et al. **Ned Tijdschr Geneeskd** 1985 Apr 20;129(16):729–35 (Dut)

[Limited indications for glycoside therapy in pediatrics?] Döhlemann C, et al. **Fortschr Med** 1984 Oct 25; 102(40):1009–12 (Eng. Abstr.) (Ger)

[Therapy of dilated cardiomyopathy with digitalis, diuretics and vasodilators] Liebau G. **Herz** 1985 Jun;10(3):138–42 (Eng. Abstr.) (Ger)

[Heart failure therapy with digitalis and spironolactone—studies within the scope of preoperative treatment before lung resection] Daum S, et al. **Prax Klin Pneumol** 1984 Sep;38(9):406–11 (Eng. Abstr.) (Ger)

[Effects of digitalis on the parameters of sinus function in sick sinus syndrome. Evaluation using a multiprogrammable permanent atrial pacemaker with temporary inhibition] Adornato E, et al. **G Ital Cardiol** 1984 Jun;14(6):395–400 (Eng. Abstr.) (Ita)

[Pharmacological and clinical research on the interaction of digitalis and amiodarone in heart disease patients with varying degrees of cardiac insufficiency] Fornaro G, et al. **G Ital Cardiol** 1984 Dec;14(12):990–8 (Eng. Abstr.) (Ita)

[Which should be the first choice in the treatment of congestive heart failure, diuretics or digitalis?] Sato T. **Kokyu To Junkan** 1985 Mar;33(3):247–51 (24 ref.) (Jpn)

[Does digitalis help in heart failure when heart rhythm is normal?] Stokland O. **Tidsskr Nor Laegeforen** 1984 Oct 20; 104(29):2038–40 (Nor)

TOXICITY

Effects of myocardial hypoxia on digitalis-induced toxicity in the isolated heart of guinea pigs and cats. Kim DH, et al. **Eur J Pharmacol** 1984 Sep 17;104(3–4):303–12

Localization of neurally mediated arrhythmogenic and coronary vasoconstrictor properties of digitalis. Somberg JC. **Fed Proc** 1984 Dec;43(15):2963–5

Acute digitalis toxicity during TURP. Bready LL, et al. **Urology** 1985 Mar;25(3):316–7

DIGITIN see **DIGITONIN**

DIGITONIN

Use of digitonin fractionation to determine mitochondrial transmembrane ion distribution in cells during anoxia. Andersson BS, et al. **Anal Biochem** 1985 Apr;146(1):164–72

Digitonin-collagenase perfusion for efficient separation of periportal or perivenous hepatocytes. Lindros KO, et al. **Biochem J** 1985 Jun 15;228(3):757–60

ANALOGS & DERIVATIVES

Interaction of digitonin and its analogs with membrane cholesterol. Nishikawa M, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1231–9

DIAGNOSTIC USE

Use of digitonin permeabilization for characterization of calcium incorporated into beta-cells in response to glucose. Wesslen N. **Biomed Biochim Acta** 1985;44(1):95–8

Intracellular levels and distribution of Ca2+ in digitonin-permeabilized cells. Fiskum G. **Cell Calcium** 1985 Apr;6(1–2):25–37

Elution of anti-Cra. Superiority of the digitonin-acid elution method. Reid ME, et al. **Transfusion** 1985 Mar–Apr; 25(2):172–3

METABOLISM

Digitonin perfusion of rat liver. A new approach in the study of intra-acinar and intracellular compartmentation in the liver. Quistorff B, et al. **Biochem J** 1985 Feb 15; 226(1):289–97

[Kinetics of the inactivation of muscarinic cholinoreceptors by solubilized digitonin] Rinken AA, et al. **Biokhimiia** 1984 Nov;49(11):1799–803 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Proton release by polymorphonuclear leukocytes during phagocytosis or activation by digitonin or fluoride. Takanaka K, et al. **Biochem Int** 1985 Jul;11(1):127–36

Interaction of digitonin and its analogs with membrane cholesterol. Nishikawa M, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1231–9

Arachidonic acid release and catecholamine secretion from digitonin-treated chromaffin cells: effects of micromolar calcium, phorbol ester, and protein alkylating agents. Frye

RA, et al. **J Neurochem** 1985 Jan;44(1):265–73

Availability of the inner surface of the red cell membrane to antibodies in digitonin ghosts. Studies on D-negative cells with anti-D. Araszkiewicz P, et al. **Transfusion** 1985 Jul–Aug;25(4):360–3

DIGITOXIGENIN

ANALOGS & DERIVATIVES

Kinetics of digitoxin and the bis- and monodigitoxosides of digitoxigenin in normal subjects. Graves PE, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):601–6

Kinetics of digitoxin and the bis- and monodigitoxosides of digitoxigenin in renal insufficiency. Graves PE, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):607–12

Development of UDP-glucuronosyltransferase activity toward digitoxigenin-monodigitoxoside in neonatal rats. Watkins JB, et al. **Drug Metab Dispos** 1985 Mar–Apr; 13(2):186–91

The inotropic activity of digitalis genins is dependent upon C(17) side-group carbonyl oxygen position. From AH, et al. **J Mol Cell Cardiol** 1984 Sep;16(9):835–42

PHARMACODYNAMICS

The inotropic activity of digitalis genins is dependent upon C(17) side-group carbonyl oxygen position. From AH, et al. **J Mol Cell Cardiol** 1984 Sep;16(9):835–42

TOXICITY

Altered distribution and toxicity of digitoxigenin in fasted mice. Warwick RO, et al. **Life Sci** 1985 Aug 26; 37(8):775–82

DIGITOXIN

ADMINISTRATION & DOSAGE

Effect of intravenous digitoxin on inotropy, haemodynamics and P-Q interval in ischaemic heart disease. Amlie JP, et al. **Scand J Clin Lab Invest** 1984 Oct;44(6):503–8

ADVERSE EFFECTS

On the therapeutic mechanism of Mg2+ in digitoxic arrhythmias and the role of cardiac glycosides in Mg depletion. Moe BH. **Magnesium** 1984;3(1):8–20

ANALOGS & DERIVATIVES

Effects of digoxin and acetyl-digitoxin on basal and CO2-stimulated ventilation. Joubert PH, et al. **Eur J Clin Pharmacol** 1985;28(2):155–8

Photoaffinity labeling of the ouabain binding site in Na, K-ATPase in developing brine shrimp. Churchill L, et al. **J Exp Zool** 1984 Sep;231(3):343–50

BLOOD

[Serum digitoxin levels in pacemaker patients] Nobis H, et al. **Wien Klin Wochenschr** 1984 Dec 7;96(23):843–7 (Eng. Abstr.) (Ger)

IMMUNOLOGY

Interaction of cardiodigin, endogenous inhibitor of Na+,K+-ATPase, with antidigoxin and antidigitoxin antibodies. Fagoo M, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):553–9

METABOLISM

The digitoxin metabolism in isolated hepatocytes from young and old male Wistar rats. Ohta M, et al. **Arch Gerontol Geriatr** 1984 Oct;3(3):249–58

A decrease in the capacity of hepatocytes isolated from aged male BN/BiRij rats to metabolize digitoxin. van Bezooijen CF, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3709–11

Kinetics of digitoxin and the bis- and monodigitoxosides of digitoxigenin in normal subjects. Graves PE, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):601–6

Kinetics of digitoxin and the bis- and monodigitoxosides of digitoxigenin in renal insufficiency. Graves PE, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):607–12

Effect of heparin on digitoxin protein binding. Lohman JJ, et al. **Clin Pharmacol Ther** 1985 Jan;37(1):55–60

Effect of aminoglutethimide on antipyrine, theophylline, and digitoxin disposition in breast cancer. Lønning E, et al. **Clin Pharmacol Ther** 1984 Dec;36(6):796–802

Pharmacokinetics and bioavailability of digitoxin by a specific assay. MacFarland RT, et al. **Eur J Clin Pharmacol** 1984; 27(1):85–9

Effect of ketanserin on the kinetics of digoxin and digitoxin. Ochs HR, et al. **J Cardiovasc Pharmacol** 1985 Jan–Feb; 7(1):205–7

PHARMACODYNAMICS

Effects of digitoxin and hypokalaemia on pancreatic NaHCO3 secretion and pancreatic Na,K-ATPase activity. Grotmol T, et al. **Acta Physiol Scand** 1985 May; 124(1):71–80

Role of electrolytes and digitalis-like activity in hypertension: effects of digitoxin, sodium, potassium and magnesium on blood pressure. Karppanen H. **Ann Clin Res** 1984;16 Suppl 43:62–6

Relationship of cardiac muscle tension to Na+,K+-adenosine triphosphatase activity after chronic digitoxin administration in cats. Durrett LR, et al. **J Cardiovasc Pharmacol** 1985 May–Jun;7(3):411–6

POISONING

Treatment of severe digitoxin intoxication by digoxin-specific Fab antibody fragments. Lignian H, et al. **Acta Cardiol (Brux)** 1984;39(4):301–5

Use of cholestyramine in three patients with beta-acetyldigoxin, beta-methyldigoxin and digitoxin intoxication. Kuhlmann J. **Int J Clin Pharmacol Ther Toxicol** 1984 Oct;22(10):543–8

THERAPEUTIC USE

[Gitoformate and digitoxin as alternatives to kidney-dependent glycosides in the therapy of cardiac insufficiency] Rietbrock N, et al. **Arzneimittelforsch** 1984; 34(8):915–7 (Eng. Abstr.) (Ger)

[Pharmacokinetic and cardiac efficacy of beta-acetyldigoxin and digitoxin in combination therapy with diltiazem] Kuhlmann J, et al. **Klin Wochenschr** 1985 Jul 15; 63(14):636–42 (Eng. Abstr.) (Ger)

DIGLYCERIDES see under **GLYCERIDES**

DIGOXIGENIN see under **DIGOXIN**

DIGOXIN

A simple reversed phase TLC method for stability-indicating assay of digoxin. Mezei J, et al. **Acta Pharm Hung** 1985 May;55(3):134–7

ADMINISTRATION & DOSAGE

Nicholson score for prescribing digoxin compared with Jellife nomogram. Serup J, et al. **Acta Med Scand** 1984; 216(2):229–32

An analysis of physicians' reasons for prescribing long-term digitalis therapy in outpatients. Carlson KJ, et al. **J Chronic Dis** 1985;38(9):733–9

[Optimization of the dosage of digoxin. Proposal for a minimal exploratory protocol] Scherrmann JM, et al. **Therapie** 1985 Mar–Apr;40(2):73–9 (Eng. Abstr.) (Fre)

[Reconversion of long-standing atrial flutter and fibrillation to sinus rhythm, with oral verapamil and digoxin. Description of 3 cases] Mazzoli V, et al. **G Clin Med** 1985 Jan–Feb;66(1–2):57–61 (Eng. Abstr.) (Ita)

[The maintenance dose of digoxin—a simple method of calculation] Serup J, et al. **Nord Med** 1984;99(10):240–1 (Eng. Abstr.) (Nor)

[Hemodynamic and electrocardiographic studies of the interaction of N-acetylprocainamide and procainamide with digoxin in rabbits] Matusewicz W. **Kardiol Pol** 1984; 27(5):401–7 (Pol)

ADVERSE EFFECTS

Time course for reversal of digoxin toxicity with digoxin-specific antibody fragments. Spiegel A, et al. **Am Heart J** 1985 Jun;109(6):1397–9

Interpretation of excessive serum concentrations of digoxin in children. Koren G, et al. **Am J Cardiol** 1985 Apr 15; 55(9):1210–4

Hyperkalemia complicating digoxin toxicity in a patient with renal failure. Papadakis MA, et al. **Am J Kidney Dis** 1985 Jan;5(1):64–6

Alprazolam-related digoxin toxicity. Tollefson G, et al. **Am J Psychiatry** 1984 Dec;141(12):1612–3

The arrhythmias of digitalis intoxication. Moorman JR, et al. **Arch Intern Med** 1985 Jul;145(7):1289–92

Dental caries related to liquid medication intake in young cardiac patients. Feigal RJ, et al. **ASDC J Dent Child** 1984 Sep–Oct;51(5):360–2

Digoxin toxicity presenting with psychosis in a patient with chronic phobic anxiety. Carney MW, et al. **Clin Neuropharmacol** 1985;8(2):193–5

Quinidine-induced digoxin toxicity after discontinuing digoxin in a patient with renal failure. Nigam SK, et al. **Clin Pharm** 1984 Nov–Dec;3(6):662–4

Effect of repeated therapeutic doses of digoxin on relative red and green sensitivity detected by Nagel's anomaloscope in healthy trichromats. Alken RG, et al. **Dev Ophthalmol** 1984;9:219–27

Is bradycardia dependent intermittent bundle branch block digoxin induced? [letter] Sundar S. **J Assoc Physicians India** 1984 Aug;32(8):762

Magnesium sulfate and digitalis-toxic arrhythmias [letter] **JAMA** 1985 Jan 25;253(4):513–4

Red blood cell electrolytes for monitoring digoxin therapy in adults. van Boxtel CJ, et al. **Ther Drug Monit** 1985; 7(2):191–6

ANALOGS & DERIVATIVES

Determination of the onset of beta-methyl-digoxin action by potentiation of the adenosine response in guinea pigs. Fukuda T, et al. **Acta Med Okayama** 1985 Jun;39(3):171–7

Effects of nifedipine and diltiazem on plasma levels and renal excretion of beta-acetyldigoxin. Kuhlmann J. **Clin Pharmacol Ther** 1985 Feb;37(2):150–6

Formation of [20R]-dihydrodigoxin from digoxin in huma Reuning RH, et al. **Drug Metab Dispos** 1985 Jan–Feb; 13(1):51–7

Increased metabolism to dihydrodigoxin after intake of a microencapsulated formulation of digoxin. Magnusson JO, et al. **Eur J Clin Pharmacol** 1984;27(2):197–202

Poisoning with a large dose of digitalis. Durakovic Z. **Indian Heart J** 1985 Mar–Apr;37(2):113–5

Interaction between verapamil and beta-methyldigoxin. Study by 86Rubidium uptake in erythrocytes. De Cesaris R, et al. **Int J Clin Pharmacol Res** 1983;3(2):107–9

Use of cholestyramine in three patients with beta-acetyldigoxin, beta-methyldigoxin and digitoxin intoxication. Kuhlmann J. **Int J Clin Pharmacol Ther Toxicol** 1984 Oct;22(10):543–8

Cross-resistance and biochemical studies with two classes of HeLa cell mutants resistant to cardiac glycosides. The unusual behavior of cardenolide SC4453. Gupta RS, et al. **J Biol Chem** 1985 Jun 10;260(11):6843–50

Digoxin and metabolites in urine: a derivatization—high-performance liquid chromatographic method capable of quantitating individual epimers of dihydrodigoxin. Bockbrader HN, et al. **J Chromatogr** 1984 Sep 14;310(1):85–95

The inotropic activity of digitalis genins is dependent upon C(17) side-group carbonyl oxygen position. From AH, et al. **J Mol Cell Cardiol** 1984 Sep;16(9):835–42

[Gitoformate and digitoxin as alternatives to kidney-dependent glycosides in the therapy of cardiac insufficiency] Rietbrock N, et al. **Arzneimittelforsch** 1984; 34(8):915–7 (Eng. Abstr.) (Ger)

[Pharmacokinetic and cardiac efficacy of beta-acetyldigoxin and digitoxin in combination therapy with diltiazem] Kuhlmann J, et al. **Klin Wochenschr** 1985 Jul 15; 63(14):636–42 (Eng. Abstr.) (Ger)

[Heart failure therapy with digitalis and spironolactone—studies within the scope of preoperative treatment before lung resection] Daum S, et al. **Prax Klin Pneumol** 1984 Sep;38(9):406–11 (Eng. Abstr.) (Ger)

[Effect of beta-methyldigoxin on the embryonal and fetal chicken heart] Rickenbacher J, et al. **Schweiz Med Wochenschr** 1985 May 4;115(18):625–9 (Ger)

[Plasma levels of gitoxin (by RIA and rubidium-86 uptake) and systolic time after treatment with a single dose of gitoformate] Dei Cas L, et al. **Boll Soc Ital Cardiol** 1984 May–Jun;29(5–6):291–300 (Eng. Abstr.) (Ita)

[Circadian aspects of the heart rate in atrial fibrillation patients: the comparative effect of digoxin and pentaformylgitoxin] Dei Cas L, et al. **Cardiologia** 1983 Dec; 28(12):1019–25 (Eng. Abstr.) (Ita)

[Plasma levels of gitoxin (by means of RIA and rubidium 86 uptake) and systolic times after treatment with a single dose of gitoformate] Dei Cas L, et al. **Cardiologia** 1984 May–Jun;29(5–6):291–300 (Eng. Abstr.) (Ita)

[Controlled clinical study on beta-acetyldigoxin] Marsala F. **Clin Ter** 1984 Aug 15;110(3):243–9 (Eng. Abstr.) (Ita)

[Poisoning by a large dose of digitalis] Duraković Z, et al. **Arh Hig Rada Toksikol** 1984 Sep;35(3):277–84 (Eng. Abstr.) (Scr)

ANALYSIS

Chromatographic characterization of endogenous digoxin-like immunoreactive substances present in serum and urine of infants using gel filtration with Sephadex G 25. Clerico A, et al. **Biol Neonate** 1985;47(4):217–22

Digoxin immunoreactivity in cord and maternal serum and placental extracts. Partial characterization of immunoreactive substances by high-performance liquid chromatography and inhibition of Na+, K+-ATPase. Diamandis EP, et al. **Clin Biochem** 1985 Feb;18(1):48–55

Are immunoassays for digoxin reliable? Soldin SJ, et al. **Clin Biochem** 1984 Oct;17(5):317–20

[Solvent system design for silica gel liquid chromatography of digitalis glycosides. Determination of digoxin in pharmaceutical preparation] Sato A, et al. **Yakugaku Zasshi** 1984 May;104(5):454–7 (Eng. Abstr.) (Jpn)

BLOOD

Digoxin-trimethoprim interaction. Petersen P, et al. **Acta Med Scand** 1985;217(4):423–7

Prazosin alters free and total plasma digoxin levels in dogs. Plunkett LM, et al. **Am Heart J** 1985 Apr;109(4):847–51

Effect of diltiazem on renal clearance and serum concentration of digoxin in patients with cardiac disease. Elkayam U, et al. **Am J Cardiol** 1985 May 1;55(11):1393–5

The influence of hypoxemia on tritiated digoxin plasma kinetics and tissue distribution in the conscious dog. du Souich P, et al. **Am Rev Respir Dis** 1985 Sep;132(3):504–9

A simple, rapid and cheap radioimmunoassay for plasma digoxin. Moore RA, et al. **Ann Clin Biochem** 1985 Mar;22 (Pt 2):190–3

Plasma digoxin: an over-used test? Morgan DB. **Ann Clin Biochem** 1984 Nov;21 (Pt 6):449–52

Correlation between digoxin plasma levels and arterial blood pH. Catenazzo G, et al. **Arzneimittelforschung** 1985; 35(5):852–3

Specific removal of digoxin by hemoperfusion through agarose polyacrolein microsphere polyacrolein microsphere beads-antidigoxin antibodies (APAMB-AD). Margel S, et al. **Biomater Med Devices Artif Organs** 1984; 12(1-2):25–36

Exercise heart rates at different serum digoxin concentrations in patients with atrial fibrillation. Beasley R, et al. **Br Med J [Clin Res]** 1985 Jan 5;290(6461):9–11

Falsely raised plasma digoxin concentrations in liver disease. Nanji AA, et al. **Br Med J [Clin Res]** 1985 Feb 9; 290(6466):432–3

Protein dependence of digoxin determination on the Abbott-TDX. Yatscoff RW, et al. **Clin Biochem** 1984 Dec; 17(6):348–50

Combined liquid chromatography/radioimmunoassay with improved specificity for serum digoxin. Gault MH, et al. **Clin Chem** 1985 Aug;31(8):1272–7

An RIA kit that is more specific for digoxin in serum of newborns [letter] Gortner L, et al. **Clin Chem** 1985 Jan; 31(1):155–6

Falsely increased results for digoxin in sera from patients with liver disease: ten immunoassay kits compared [letter] Greenway DC, et al. **Clin Chem** 1985 Jun;31(6):1078–9

An automated, affinity-column-mediated, enzyme-linked immunometric assay for digoxin on the Du Pont aca discrete clinical analyzer. Leflar CC, et al. **Clin Chem** 1984 Nov;30(11):1809–11

Minimizing the effect of digoxin-like immunoreactive substances in immunoassays for digoxin in neonatal serum [letter] McCarthy RC. **Clin Chem** 1985 Jul;31(7):1240–1

Digoxin determination in the uremic patient: three immunoassays compared [letter] Oldfield PR, et al. **Clin Chem** 1985 Jul;31(7):1246

Effect of protein concentration on the determination of digoxin in serum by fluorescence polarization immunoassay. Porter WH, et al. **Clin Chem** 1984 Nov; 30(11):1826–9

Endogenous digoxin-like immunoreactive factors: impact on digoxin measurements and potential phyriological implications. Valdes R Jr. **Clin Chem** 1985 Sep; 31(9):1525–32 (47 ref.)

How reliable are serum digoxin assays? [editorial] Hyneck ML. **Clin Pharm** 1985 Jan–Feb;4(1):81–2

Effect of acute changes in serum digoxin concentration on renal digoxin clearance. Gibson TP, et al. **Clin Pharmacol Ther** 1984 Oct;36(4):478–84

Evaluation of a digoxin pharmacokinetic monitoring service in a community hospital. Horn JR, et al. **Drug Intell Clin Pharm** 1985 Jan;19(1):45–52

Serum digoxin measurements during pregnancy. Barbarash RA. **Eur J Clin Pharmacol** 1984;27(1):125

Serum digoxin concentrations in a representative digoxin-consuming adult population. Impivaara O, et al. **Eur J Clin Pharmacol** 1985;27(6):627–32

Endogenous digoxin-immunoactive factor in human subjects. Valdes R Jr. **Fed Proc** 1985 Sep;44(12):2800–5

Studies on the possible mechanisms of lidoflazine arrhythmogenicity. Keren G, et al. **J Am Coll Cardiol** 1984 Oct;4(4):742–7

Absence of cardioversion-induced ventricular arrhythmias in patients with therapeutic digoxin levels. Mann DL, et al. **J Am Coll Cardiol** 1985 Apr;5(4):882–90

Role of serum digoxin assay in patient management. Selzer A. **J Am Coll Cardiol** 1985 May;5(5 Suppl A):106A–110A (17 ref.)

Protein binding of endogenous digoxin-immunoactive factors in human serum and its variation with clinical condition. Valdes R Jr, et al. **J Clin Endocrinol Metab** 1985 Jun; 60(6):1135–43

Lack of effects of diltiazem on digoxin pharmacokinetics. Beltrami TR, et al. **J Clin Pharmacol** 1985 Jul–Aug; 25(5):390–2

A steady-state evaluation of the effects of propantheline bromide and cholestyramine on the bioavailability of digoxin when administered as tablets or capsules. Brown DD, et al. **J Clin Pharmacol** 1985 Jul–Aug;25(5):360–4

Digoxin-like immunoreactive substance in postmortem blood of infants and children. Spiehler VR, et al. **J Forensic Sci** 1985 Jan;30(1):86–91

The correlation between serum digoxin and electrolytes in saliva and erythrocytes in digitalized patients. Ben-Aryeh H, et al. **J Oral Med** 1982 Oct–Dec;37(4):124–9

Kinetics of partitioning and binding of digoxin and its analogues in the subcompartments of blood. Hinderling PH. **J Pharm Sci** 1984 Aug;73(8):1042–53

Relation of endogenous digoxin-like immunoreacting activities to salt balance and renal function in man. Kramer HJ, et al. **Klin Wochenschr** 1985;63 Suppl 3:107–10

Digoxin-like immunoreacting substance(s) in the serum of patients with chronic uremia. Kramer HJ, et al. **Nephron** 1985;40(3):297–302

Interpreting drug levels. Cridland JS. **S Afr Med J** 1985 Mar 16;67(11):401–2

Simple method to predict digoxin serum concentrations [letter] Cherry JG. **South Med J** 1985 Mar;78(3):363

Digitalis toxicity at Duke Hospital, 1973 to 1984. Moorman JR. **South Med J** 1985 May;78(5):561–4

Adaptation of the Syva EMIT-cad digoxin enzyme immunoassay technique on the Instrumentation Laboratory Multistat-III microcentrifugal analyzer. Alain J, et al. **Ther Drug Monit** 1984;6(4):489–92

Evaluation of the fluorescence polarization immunoassay for quantitation of digoxin in serum. Al-Fares AM, et al. **Ther Drug Monit** 1984;6(4):454–7

Falsely increased digoxin concentrations in samples from neonates and infants. Hicks JM, et al. **Ther Drug Monit** 1984;6(4):461–4

Falsely elevated digoxin concentrations in patients with liver disease. Rosenkranz B, et al. **Ther Drug Monit** 1985; 7(2):202–6

Muzolimine therapy in patients with congestive heart failure in comparison with furosemide pretreatment. Effect on digoxin plasma concentration. Kahles H, et al. **Z Kardiol** 1985;74 Suppl 2:24–6

Serum levels of digoxin in sudden cardiac deaths. Eriksson M, et al. **Z Rechtsmed** 1984;93(1):29–32

[Serum digoxin and mobilization (letter)] **Ugeskr Laeger** 1984 Apr 30;146(18):1375 (Dan)

[Verapamil-induced digoxin poisoning in uremia] Johannessen AC, et al. **Ugeskr Laeger** 1985 May 6; 147(19):1547–8 (Eng. Abstr.) (Dan)

[Effect of diltiazem on the serum concentrations of digoxin (letter)] Gallet M, et al. **Presse Med** 1984 Nov 10; 13(40):2455–6 (Fre)

[Plasma kinetics of digoxin in the presence of piretanide (letter)] Singlas E, et al. **Therapie** 1985 Jul–Aug;40(4):265–6 (Fre)

[Interaction of isoxicam and digoxin] Zöller B, et al. **Z Rheumatol** 1984 Jul–Aug;43(4):182–4 (Eng. Abstr.) (Ger)

[Relationship between digoxin dosage and serum concentration] Mittelman M, et al. **Harefuah** 1984 Aug; 107(3–4):66–7 (Eng. Abstr.) (Heb)

[Plasma levels of gitoxin (by RIA and rubidium-86 uptake) and systolic time after treatment with a single dose of gitoformate] Dei Cas L, et al. **Boll Soc Ital Cardiol** 1984 May–Jun;29(5–6):291–300 (Eng. Abstr.) (Ita)

[Plasma levels of gitoxin (by means of RIA and rubidium 86 uptake) and systolic times after treatment with a single dose of gitoformate] Dei Cas L, et al. **Cardiologia** 1984 May–Jun;29(5–6):291–300 (Eng. Abstr.) (Ita)

[Basic evaluation of a magnetic digoxin radioimmunoassay kit] Takahashi T, et al. **Radioisotopes** 1985 May;34(5):274–7 (Jpn)

[Value of the radioimmunoassay of plasma digoxin in diagnosing digitalis poisoning] Magyarósi G, et al. **Rev Med Interna [Med Interna]** 1984 Nov–Dec;36(6):551–7 (Eng. Abstr.) (Rum)

[Comparative clinical characteristics of methods of digoxin microanalysis] Trusov VV, et al. **Med Radiol (Mosk)** 1984 Nov;29(11):21–3 (Rus)

[Serum levels of digoxin in relation to biochemical and clinical indicators] Sedlák J, et al. **Vnitr Lek** 1984 Oct; 30(10):999–1004 (Eng. Abstr.) (Slo)

IMMUNOLOGY

Treatment of severe digitoxin intoxication by digoxin-specific Fab antibody fragments. Lignian H, et al. **Acta Cardiol (Brux)** 1984;39(4):301–5

Interaction of cardiodigin, endogenous inhibitor of Na+,K+-ATPase, with antidigoxin and antidigitoxin antibodies. Fagoo M, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):553–9

Preparation of specific antisera to digoxin using hapten-[C-17]- and [C-12]-bovine serum albumin conjugates. Shimada K, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2301–6

Monoclonal antibodies to digoxin: comparison of in vitro and in vivo immunization. Buchman D, et al. **Hybridoma** 1985 Summer;4(2):173–7

Treatment of 63 severely digitalis-toxic patients with digoxin-specific antibody fragments. Wenger TL, et al. **J Am Coll Cardiol** 1985 May;5(5 Suppl A):118A–123A

Protein binding of endogenous digoxin-immunoactive factors in human serum and its variation with clinical condition. Valdes R Jr, et al. **J Clin Endocrinol Metab** 1985 Jun; 60(6):1135–43

Binding and structural diversity among high-affinity monoclonal anti-digoxin antibodies. Mudgett-Hunter M, et al. **Mol Immunol** 1985 Apr;22(4):477–88

Perinatal changes in a digoxin-like immunoreactive substance. Seccombe DW, et al. **Pediatr Res** 1984 Nov; 18(11):1097–9

Further characterization of the endogenous natriuretic and digoxin-like immunoreacting activities in human urine: effects of changes in sodium intake. Kramer HJ, et al. **Renal Physiol** 1985;8(2):80–9

METABOLISM

Imprinting, digoxin uptake and storage in Tetrahymena. Darvas Z, et al. **Acta Physiol Hung** 1985;65(2):125–8

Digoxin and nifedipine. Schwartz JB. **Am J Cardiol** 1985 May 17;55(12):31E–34E (44 ref.)

Digoxin in the subretinal spaces of humans with rhegmatogenous retinal detachments. Frambach DA, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):490–1

Pharmacokinetics of digoxin in sheep: limitations of the use of biological half-life for interspecies extrapolation. Dix LP, et al. **Am J Vet Res** 1985 Feb;46(2):470–2

Autoradiographic localization of 3H-digoxin binding by neural cells in the medulla. Traurig HH, et al. **Anat Rec** 1985 Jan;211(1):87–95

Sex difference in the biliary excretion of digoxin and its metabolites in aging Wistar rats. Kitani K, et al. **Arch Gerontol Geriatr** 1985 Apr;4(1):1–12

Characterization of digoxin binding and daunorubicin uptake by isolated mature rat cardiac myocytes. Capps NE, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):1957–61

The effect of immunization with digoxin-specific antibodies on digoxin disposition in the mouse. Griffiths NM, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):3041–6

The influence of digoxin antibodies on digoxin disposition and effect: studies in guinea-pigs and HeLa cells. Griffiths NM, et al. **Br J Pharmacol** 1985 Jan;84(1):157–63

Influence of hypoxemia and respiratory acidosis on the plasma kinetics and tissue distribution of digoxin in the conscious dog. du Souich P, et al. **Can J Physiol Pharmacol** 1985 Jan;63(1):72–7

In vitro effects of hypoxia and (or) hypercapnic acidosis on the myocardial uptake of digoxin. Sautegeau A, et al. **Can J Physiol Pharmacol** 1985 Apr;63(4):344–6

Effect of metoclopramide on digoxin absorption from tablets and capsules. Johnson BF, et al. **Clin Pharmacol Ther** 1984 Dec;36(6):724–30

Acceleration of digoxin clearance by activated charcoal. Lalonde RL, et al. **Clin Pharmacol Ther** 1985 Apr; 37(4):367–71

Formation of [20R]-dihydrodigoxin from digoxin in humans. Reuning RH, et al. **Drug Metab Dispos** 1985 Jan–Feb; 13(1):51–7

Quinidine-induced changes in serum and skeletal muscle digoxin concentration; evidence of saturable binding of digoxin to skeletal muscle. Jogestrand T, et al. **Eur J Clin Pharmacol** 1984;27(5):571–5

Physical exercise and binding of digoxin to skeletal muscle--effect of muscle activation frequency. Joreteg T, et al. **Eur J Clin Pharmacol** 1984;27(5):567–70

Increased metabolism to dihydrodigoxin after intake of a microencapsulated formulation of digoxin. Magnusson JO, et al. **Eur J Clin Pharmacol** 1984;27(2):197–202

Decreased renal clearance of digoxin in chronic congestive heart failure. Naafs MA, et al. **Eur J Clin Pharmacol** 1985; 28(3):249–52

Quinidine-digoxin interaction: are the pharmacokinetics of both drugs altered? Rameis H. **Int J Clin Pharmacol Ther Toxicol** 1985 Mar;23(3):145–53

Pharmacokinetic evaluation of the digoxin-amiodarone interaction. Fenster PE, et al. **J Am Coll Cardiol** 1985 Jan; 5(1):108–12

Pharmacokinetic interactions between digoxin and other drugs. Marcus FI. **J Am Coll Cardiol** 1985 May;5(5 Suppl A):82A–90A (104 ref.)

Tissue digoxin concentrations and digoxin effect during the quinidine-digoxin interaction. Warner NJ, et al. **J Am Coll Cardiol** 1985 Mar;5(3):680–6

Half-life of digoxin in myocardium after stopping maintenance treatment. Griffiths BE, et al. **J Cardiovasc Pharmacol** 1985 May–Jun;7(3):604–8

Effect of ketanserin on the kinetics of digoxin and digitoxin. Ochs HR, et al. **J Cardiovasc Pharmacol** 1985 Jan–Feb; 7(1):205–7

Assessment of the potential pharmacokinetic interaction between digoxin and ethmozine. MacFarland RT, et al. **J Clin Pharmacol** 1985 Mar;25(2):138–43

Methyldopa does not alter the disposition of digoxin. May CA, et al. **J Clin Pharmacol** 1984 Aug–Sep;24(8–9):386–9

Postmortem redistribution of digoxin in rats. Koren G, et al. **J Forensic Sci** 1985 Jan;30(1):92–6

Maintenance digoxin dosage and steady-state plasma concentration in infants and children. Hastreiter AR, et al. **J Pediatr** 1985 Jul;107(1):140–6

Bioavailability of digoxin capsules and tablets: effect of coadministered fluid volume. Bustrack JA, et al. **J Pharm Sci** 1984 Oct;73(10):1397–400

Effects of diltiazem on plasma and tissue digoxin levels in mice. Yoshida A, et al. **J Pharmacobiodyn** 1984 Aug; 7(8):511–6

Effect of spironolactone on the renal clearance of digoxin in dogs. O'Brien MS, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):190–4

An altered distribution and elimination of digoxin in anemic patients and experimentally induced anemic rats. Hamamoto H, et al. **Jpn Circ J** 1984 Nov;48(11):1197–202

Effect of acute and chronic exposure to heat on pharmacokinetic parameters of digoxin in rats. Kaplanski J, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jul; 49(1):85–93

Plasma and tissue levels of digoxin in the rat following pretreatment with verapamil. Weinhouse E, et al. **Res Commun Chem Pathol Pharmacol** 1985 Mar; 47(3):469–72

[Interaction of digoxin with cephradine (Sefril), tetracycline (Tetracyclinum), gentamicin (Gentamycin) and vancomycin (Vancocin)] Halawa B. **Pol Tyg Lek** 1984 Dec 17–31;39(51–52):1717–20 (Pol)

[Use of drugs in children with renal failure] Prandota J, et al. **Pol Tyg Lek** 1984 Dec 17–31;39(51–52):1731–4 (Pol)

PHARMACODYNAMICS

Clinical effects of digoxin on sinus node and atrioventricular node function after pharmacologic autonomic blockade. Alboni P, et al. **Am Heart J** 1984 Nov;108(5):1255–61

Influence of verapamil on the digoxin-induced inotropic effect in guinea-pig isolated atria. Dorigo P, et al. **Arch Int Pharmacodyn Ther** 1985 Mar;274(1):80–8

Influence of atenolol and nifedipine on digoxin-induced inotropism in humans. Hansen PB, et al.

Br J Clin Pharmacol 1984 Dec;18(6):817–22

The effects of propranolol and digoxin on the acute vascular responses to frusemide in normal man. Johnston GD, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):417–21

Effects of digoxin on the chronotropic responses to repetitive vagal stimulus bursts in the dog. Pace DG, et al. **Can J Physiol Pharmacol** 1984 Nov;62(11):1411–5

Digitalis receptors and digoxin sensitivity in renal failure. Malini PL, et al. **Clin Exp Pharmacol Physiol** 1985 Mar–Apr;12(2):115–20

Effect of digoxin on total body potassium. Swaminathan R. **Clin Physiol Biochem** 1985;3(4):204–7

Endogenous digitalis-like factors revisited 1981–1985. A review. Schreiber V. **Cor Vasa** 1985;27(1):92–100 (70 ref.)

Effects of digoxin and acetyl-digitoxin on basal and CO2-stimulated ventilation. Joubert PH, et al. **Eur J Clin Pharmacol** 1985;28(2):155–8

Digoxin and cimetidine: investigation of the potential for a drug interaction. Crome P, et al. **Hum Toxicol** 1985 Jul; 4(4):391–9

Gentamicin-digoxin interaction in the rat kidney. Sirota L, et al. **Isr J Med Sci** 1985 Jun;21(6):535–6

Effect of procainamide on myocardial contractile function and digoxin inotropy. Williams JF Jr, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1184–7

Are the sympathetic neural effects of digoxin and quinidine involved in their action on cardiac rhythm? Lathers CM, et al. **J Cardiovasc Pharmacol** 1985 Mar–Apr;7(2):350–60

Inhibition of platelet aggregation by oral digoxin and reversal with nifedipine. Ware JA, et al. **J Cardiovasc Pharmacol** 1985 Mar–Apr;7(2):262–6

Evaluation of the hypothalamic–pituitary effects of digoxin. Bellmann O, et al. **J Clin Pharmacol** 1984 Nov–Dec; 24(11–12):474–9

Digoxin disrupts the inflammatory response in experimental pneumococcal pneumonia. Esposito AL. **J Infect Dis** 1985 Jul;152(1):14–23

Hemodynamic effects of digoxin on congestive heart failure in old myocardial infarction, dilated cardiomyopathy, acute myocardial infarction and mitral stenosis. Kurogane K, et al. **Jpn Heart J** 1985 Mar;26(2):155–64

Enhanced sensitivity to digoxin in dystrophic mice. Saito K, et al. **Jpn Heart J** 1984 Sep;25(5):765–72

Digoxin quinidine interaction: a pharmacokinetic study in the isolated perfused rat liver. Ben-Itzhak J, et al. **Life Sci** 1985 Aug 5;37(5):411–5

Pulmonary vascular response to digoxin in newborn lambs. Milstein JM, et al. **Pediatr Pharmacol (New York)** 1984; 4(4):223–9

Interaction between digoxin and verapamil in isolated cardiac muscle. Taubert KA, et al. **Proc West Pharmacol Soc** 1984; 27:101–4

[Electrophysiological study of the arrhythmogenic effects of digoxin in ventricular myocardial fragments of guinea pigs stimulated at low frequency. Inhibitory action of caffeine] Adamantidis MM, et al. **J Pharmacol** 1984 Jul–Sep; 15(3):287–300 (Eng. Abstr.) (Fre)

[Acute effect of digoxin on circulation and motility of the ischemic myocardium] Manfroi WC, et al. **Arq Bras Cardiol** 1984 May;42(5):325–9 (Eng. Abstr.) (Por)

PHYSIOLOGY

The importance of endogenous digoxin-like factors in rats with various forms of experimental hypertension. Kunes J, et al. **Clin Exp Hypertens [A]** 1985;7(5–6):707–20

POISONING

Therapy of digoxin intoxication in dogs by specific hemoperfusion through agarose polyacrolein microsphere beads-antidigoxin antibodies. Marcus L, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):30–9

Bretylium in severe ventricular arrhythmias associated with digitalis intoxication. Vincent JL, et al. **Am J Emerg Med** 1984 Nov;2(6):504–6

Amiodarone-associated hypothyroidism—a possible cause of digoxin intoxication. Ben-Chetrit E, et al. **Am J Med Sci** 1985 Mar;289(3):114–6

Digoxin–amiodarone–hypothyroidism interaction. Marcus FI. **Am J Med Sci** 1985 Mar;289(3):117–8

Use of fab fragments of digoxin-specific antibodies in the therapy of massive digoxin poisoning. Leikin J, et al. **Ann Emerg Med** 1985 Feb;14(2):175–8

Use of amiodarone and digoxin specific Fab antibodies in digoxin overdosage. Nicholls DP, et al. **Br Heart J** 1985 Apr;53(4):462–4

Digoxin treatment and control in the elderly. Sonnenblick M, et al. **Isr J Med Sci** 1985 Mar;21(3):276–8

Color vision testing to assist in diagnosis of digoxin toxicity. LeSage J. **Nurs Res** 1984 Nov–Dec;33(6):346–51

Digoxin type toxicity from ingestion of Thevetia peruvila or the case of the betel nut that wasn't. Vince JD, et al. **Papua New Guinea Med J** 1984 Sep–Dec;27(3–4):167–9

Digitalis toxicity in infants and plasma digoxin levels [letter] Rutledge J. **Pediatr Cardiol** 1985;6(1):51–2

[Digitalis poisoning—treatment with specific antibodies] Kulling P. **Lakartidningen** 1985 Jan 30;82(5):287–8 (Swe)

THERAPEUTIC USE

Effects of andolol on the spontaneous and exercise-provoked heart rate of patients with chronic atrial fibrillation receiving stable dosages of digoxin. DiBianco R, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1121–7

Hemodynamic effects of digoxin in acute myocardial infarction in man: a randomized controlled trial. Marchionni N, et al. **Am Heart J** 1985 Jan;109(1):63–9

Effects of chronic digoxin treatment on cardiac function, electrolytes, and sarcolemmal ATPase in the canine failing heart due to chronic mitral regurgitation. Prasad K, et al. **Am Heart J** 1984 Dec;108(6):1487–94

Long-term therapy of paroxysmal supraventricular tachycardia: a randomized, double-blind comparison of digoxin, propranolol and verapamil. Winniford MD, et al. **Am J Cardiol** 1984 Nov 1;54(8):1138–9

Successful treatment of fetal atrial flutter and congestive heart failure. Hirata K, et al. **Arch Dis Child** 1985 Feb; 60(2):158–60

Effect of long-term administration of digoxin on exercise performance in chronic airflow obstruction. Mathur PN, et al. **Eur J Respir Dis** 1985 Apr;66(4):273–83

Independent and interactive effects of digoxin and quinidine on the atrial fibrillation threshold in dogs. Gold RL, et al. **J Am Coll Cardiol** 1985 Jul;6(1):119–23

Efficacy of digoxin administration in dogs with idiopathic congestive cardiomyopathy. Kittleson MD, et al. **J Am Vet Med Assoc** 1985 Jan 15;186(2):162–5

Reappraisal of digitalis in infants with left-to-right shunts and heart failure [editorial] Alpert BS, et al. **J Pediatr** 1985 Jan;106(1):66–8

Digoxin and indomethacin in preterm infants with PDA [letter] Zarfin Y, et al. **J Pediatr** 1984 Oct;105(4):678–9

Treatment of intrauterine supraventricular tachycardia with digoxin and verapamil. Lilja H, et al. **J Perinat Med** 1984; 12(3):151–4

Pharmacologic cardioversion of intrauterine supraventricular tachycardia. A case report. Golichowski AM, et al. **J Reprod Med** 1985 Feb;30(2):139–44

Influence of digoxin and diuretic therapy on sweat fluid composition. Mor A, et al. **Miner Electrolyte Metab** 1985; 11(3):155–7

Fetal supraventricular tachycardia: in utero therapy with digoxin and quinidine. Spinnato JA, et al. **Obstet Gynecol** 1984 Nov;64(5):730–5

Prediction of digoxin treatment failure in infants with supraventricular tachycardia: role of transesophageal pacing. Benson DW Jr, et al. **Pediatrics** 1985 Feb; 75(2):288–93

Interaction between digoxin and commonly coadministered drugs in children. Koren G. **Pediatrics** 1985 Jun; 75(6):1032–7

[Use of amiodarone in the treatment of atrial fibrillation resistant to digoxin. I. Ability of amiodarone to convert atrial fibrillation to sinus rhythm and its short-term maintenance] Lukl J, et al. **Vnitr Lek** 1985 Feb;31(2):177–81 (Eng. Abstr.) (Cze)

[Diagnosis and treatment of fetal supraventricular tachycardia. Apropos of 2 cases] Borg G, et al. **Rev Fr Gynecol Obstet** 1984 Feb;79(2):141–4 (Eng. Abstr.) (Fre)

[Chronic therapy of congestive cardiomyopathy: effects of prenalterol and digoxin] Schwarz KR, et al. **Z Kardiol** 1985 Jul;74(7):374–83 (Eng. Abstr.) (Ger)

[Circadian aspects of the heart rate in atrial fibrillation patients: the comparative effect of digoxin and pentaformylgitoxin] Dei Cas L, et al. **Cardiologia** 1983 Dec; 28(12):1019–25 (Eng. Abstr.) (Ita)

[Recent myocardial infarction: role of digitalis therapy in patients with left ventricular dysfunction during exercise who participated in a short-term physical training program] Giordano A. et al. **G Ital Cardiol** 1985 Jan;15(1):15–23 (Eng. Abstr.) (Ita)

[Effect of digoxin on the recovery of the jeopardized ischemic myocardium after experimental myocardial infarction] Ferreira R, et al. **Arq Bras Cardiol** 1984 Jul; 43(1):25–36 (Eng. Abstr.) (Por)

[Cardiovascular effects of digoxin in acute myocardial ischemia] Slobozhanin AA, et al. **Farmakol Toksikol** 1984 Jul–Aug;47(4):51–4 (Eng. Abstr.) (Rus)

[Expedience of using digoxin in acute myocardial infarction] Smolenskii VS, et al. **Klin Med (Mosk)** 1984 Oct; 62(10):30–4 (Eng. Abstr.) (Rus)

TOXICITY

Digoxin and the susceptibility of the canine heart to countershock-induced arrhythmia. Leja FS, et al. **Am J Cardiol** 1985 Apr 1;55(8):1070–5

Effect of salicylate on normal and digoxin-intoxicated isolated rabbit heart. Perez MA, et al. **Braz J Med Biol Res** 1984;17(2):189–96

The effects of central beta-receptor antagonism on digoxin cardiotoxicity. Plunkett LM, et al. **Res Commun Chem Pathol Pharmacol** 1985 May; 48(2):209–20

URINE

Pitfalls in, and new methods for, the radioimmunoassay for digoxin in urine. O'Brien MS, et al. **Clin Chem** 1985 Jan; 31(1):122–4

Observations on the 'cascade' of Na–K–ATPase inhibitory and digoxin-like immunoreactive material in human urine: possible relevance to essential hypertension. Weiler E, et al. **Clin Exp Hypertens [A]** 1985;7(5–6):809–36

Digoxin and metabolites in urine: a derivatization—high-performance liquid chromatographic method capable of quantitating individual epimers of dihydrodigoxin. Bockbrader HN, et al. **J Chromatogr** 1984 Sep 14;310(1):85–95

A radioimmunoassay for digoxin in human urine. Marwaha RK, et al. **J Clin Chem Clin Biochem** 1984 Jun;22(6):403–6

5,12-DIHETE see **LEUKOTRIENES B**

DIHYDRALAZINE see under **HYDRALAZINE**

DIHYDRO-BETA-ERYTHROIDINE see under **ALKALOIDS**

DIHYDROALPRENOLOL see under **ALPRENOLOL**

DIHYDROCHOLESTEROL see under **CHOLESTEROL**

DIHYDRODIETHYLSTILBESTROL see **HEXESTROL**

DIHYDROERGOCORNINE see under **DIHYDROERGOTOXINE**

DIHYDROERGOCRISTINE see under **DIHYDROERGOTOXINE**

DIHYDROERGOCRYPTINE see under **DIHYDROERGOTOXINE**

DIHYDROERGOTAMINE

ADMINISTRATION & DOSAGE

Dihydroergotamine-heparin prophylaxis of postoperative deep vein thrombosis [letter] **JAMA** 1985 Feb 1; 253(5):636–7

ADVERSE EFFECTS

Vascular spasm and gangrene during heparin-dihydro-ergotamine prophylaxis. Cunningham M, et al. **Br J Surg** 1984 Nov;71(11):829–31

Ergotamine-induced colitis. Wörmann B, et al. **Endoscopy** 1985 Jul;17(4):165–6

Skin and muscle necrosis during heparin-dihydroergotamine prophylaxis [letter] Monreal M, et al. **Lancet** 1984 Oct 6; 2(8406):820

Negative effects of dihydroergotamine (Orstanorm) on central haemodynamics and aorto-coronary bypass blood flow. An intraoperative study. Ekeström S, et al. **Scand J Thorac Cardiovasc Surg** 1985;19(1):77–83

[Ergotamine-induced disorders of the peripheral blood circulation—a case report] Creutzig A, et al. **Roentgenblatter** 1985 Jun;38(6):193–5 (Eng. Abstr.) (Ger)

[Complications in drug prevention of thromboembolism] Tittel K. **Unfallchirurgie** 1985 Jun;11(3):150–5 (Eng. Abstr.) (Ger)

[Ergotism—a risk in the prevention of thrombosis?] Jahn R. **Zentralbl Chir** 1985;110(8):482–5 (Eng. Abstr.) (Ger)

[A case of retroperitoneal fibrosis following dihydroergotamine therapy, with special reference to partial diabetes insipidus and positive Ga scan] Oguma Y, et al. **Nippon Naika Gakkai Zasshi** 1984 Jun;73(6):864–70 (Jpn)

DIAGNOSTIC USE

[Platelet alpha2-adrenergic receptors in essential hypertension. Methods of determining specific binding using (3H)-dihydroergocryptine and the effect of physical exertion] Přikryl P, et al. **Vnitr Lek** 1985 Aug;31(8):744–8 (Eng. Abstr.) (Cze)

METABOLISM

Pharmacological actions of the main metabolites of dihydroergotamine. Müller-Schweinitzer E. **Eur J Clin Pharmacol** 1984;26(6):699–705

Pharmacokinetics of dihydroergotamine following subcutaneous administration in humans. Schran HF, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jan;23(1):1–4

Mechanism of uptake of dihydroergotamine by isolated rat hepatocytes: effect of troleandomycin. Dumont M, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):239–43

PHARMACODYNAMICS

Effects of dihydroergotamine (DHE) on blood flow and metabolism in the underperfused myocardium in anaesthetized dogs. Seitelberger R, et al. **Basic Res Cardiol** 1984 Jul–Aug;79(4):461–8

What is known about the action of dihydroergotamine on the vasculature in man? Müller-Schweinitzer E. **Int J Clin Pharmacol Ther Toxicol** 1984 Dec;22(12):677–82 (39 ref.)

The effect of ergot alkaloids ergosinine, dihydroergosine and dihydroergotamine on neurotransmission and contractility of the isolated ileum of the guinea-pig. Radulović S, et al. **J Pharm Pharmacol** 1984 Dec;36(12):814–9

The recording of venous compliance in the conscious dog: a method for the assessment of venoconstrictor agents. Müller-Schweinitzer E. **J Pharmacol Methods** 1984 Aug; 12(1):53–8

Alpha-adrenoceptors, 5-hydroxytryptamine receptors and the action of dihydroergotamine in human venous preparations obtained during saphenectomy procedures for varicose veins. Müller-Schweinitzer E. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Oct; 327(4):299-303

Studies on 5-hydroxytryptamine receptors on isolated human femoral veins and arteries and the influence of dihydroergotamine. Glusa E, et al. **Pharmacology** 1984; 29(6):336-42

The effect of dihydroergotamine on various platelet function tests and venous prostacyclin-formation in men [letter] Sinzinger H. **Thromb Haemost** 1985 Apr 22;53(2):285-6

The role of the prostanoid system in mediating the haemodynamic effects of dihydroergotamine. Bergqvist D, et al. **Ups J Med Sci** 1984;89(3):227-32

[Venous tonus-modifying effect, pharmacokinetics and undesired effects of dihydroergotamine] Barthel W. **Z Gesamte Inn Med** 1984 Sep 1;39(17):417-28 (98 ref.) (Eng. Abstr.) (Ger)

[Experimental pharmacological studies of the venous tonus-modifying effect of dihydroergotamine] Glusa E. **Z Gesamte Inn Med** 1984 Sep 1;39(17):414-7 (15 ref.) (Eng. Abstr.) (Ger)

THERAPEUTIC USE

Hypotensive anesthesia, thromboprophylaxis and postoperative thromboembolism in total hip arthroplasty. Fredin H, et al. **Acta Anaesthesiol Scand** 1984 Oct; 28(5):503-7

Postoperative haemostatic changes in patients given thromboembolic prophylaxis with dextran 70—alone, or in combination with dihydroergotamine. Lindblad B, et al. **Acta Chir Scand** 1984;150(7):525-9

DHE and infectious mononucleosis [letter] Steven ID. **Aust Fam Physician** 1984 Jun;13(6):397

Prevention of thromboembolic complications with miniheparin-dihydroergotamine in patients undergoing lumbar disc operations. Gruber UF, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(3):157-61

Drug management of adult vascular headaches (migraine and cluster headache): Part I—Treatment of the acute attack. Damasio H. **Iowa Med** 1984 Nov;74(11):490-2

Heparin and dihydroergotamine prophylaxis against thrombo-embolism after hip arthroplasty. Kakkar VV, et al. **J Bone Joint Surg [Br]** 1985 Aug;67(4):538-42

Urinary electrolyte excretion and orthostatic response of blood pressure and plasma renin activity in children with postural hypotension before and after treatment with Dihydergot. Uchiyama M, et al. **J Int Med Res** 1985; 13(1):54-8

Prophylactic efficacy of low-dose dihydroergotamine and heparin in postoperative deep venous thrombosis following intra-abdominal operations. **J Vasc Surg** 1984 Sep; 1(5):608-16

Prophylaxis of postoperative deep venous thrombosis [letter] Wille-Jørgensen P, et al. **JAMA** 1985 Feb 22;253(8):1120

Dihydroergotamine-heparin to prevent postoperative deep vein thrombosis. **Med Lett Drugs Ther** 1985 May 24; 27(688):45-6

Modulation of the adrenergic system in the treatment of postoperative bowel atonia. Altaparmakov I, et al. **Scand J Gastroenterol** 1984 Nov;19(8):1104-6

Prevention of fatal pulmonary embolism in patients with fractures of the neck of the femur. Gruber UF. **Surg Gynecol Obstet** 1985 Jul;161(1):37-42

Limitation of impedance plethysmography in assessing efficacy of dihydroergotamine-heparin prophylaxis of deep vein thrombosis. DiSerio FJ, et al. **Thromb Res** 1985 Feb 1;37(3):449-58

Constriction of varicose veins and improvement of venous pumping by dihydroergotamine. Partsch H, et al. **Vasa** 1985;14(1):74-80

[Dihydroergotamine—a newcomer in thrombosis prophylaxis] Kettunen K. **Duodecim** 1984;100(17):1081-3 (Fin)

[A new therapeutic approach to menstrual migraine] Rozenbaum H. **Rev Fr Gynecol Obstet** 1984 Jul-Sep; 79(7-9):581-3 (Fre)

[Preoperative detection of the postoperative risk of thromboembolism. Results of a prospective study. II. Clinical results] Liedloff H, et al. **Folia Haematol (Leipz)** 1984;111(4):500-1 (Ger)

[Postthrombotic status and its modification by dihydroergotamine] Horvath W, et al. **Vasa** 1985;14(1):84-9 (Eng. Abstr.) (Ger)

[Use of heparin in combination with dihydroergotamine for the postoperative prevention of thrombosis in hip joint surgery] Liedloff H, et al. **Z Gesamte Inn Med** 1984 Sep 1;39(17):428-31 (Eng. Abstr.) (Ger)

[Use of heparin in combination with dihydroergotamine for the postoperative prevention of thrombosis in general surgery] Schott G. **Z Gesamte Inn Med** 1984 Sep 1; 39(17):431-5 (Eng. Abstr.) (Ger)

DIHYDROERGOTOXINE

ADMINISTRATION & DOSAGE

Effects of twice standard dosage of neuroactive drugs in dementia. A preliminary report. Knox J, et al. **Br J Clin Pract** 1984 Sep;38(9):313-5

Comparative randomized study of cerebral blood flow after long-term administration of pentoxifylline and co-dergocrine mesylate in patients with chronic cerebrovascular disease. Hartmann A. **Curr Med Res Opin** 1985;9(7):475-9

[Experience in the treatment of increased blood pressure with a combination of dihydroergotoxine, reserpine and hydrochlorothiazide] Prcović M, et al. **Med Pregl** 1984; 37(3-4):131-5 (Eng. Abstr.) (Ser)

BLOOD

[Is the alpha adrenergic receptor density increased in intact thrombocytes in non-isometric trained athletes?] Lehmann M, et al. **Klin Wochenschr** 1984 Oct 15;62(20):992-5 (Eng. Abstr.) (Ger)

METABOLISM

Human myometrial adrenergic receptors during pregnancy: identification of the alpha-adrenergic receptor by [3H] dihydroergocryptine binding. Jacobs MM, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):680-4

[3H]dihydroergocryptine binding to alpha-adrenoceptors in human femoral veins and arteries. Kaiser B, et al. **Biomed Biochim Acta** 1984;43(4):439-46

Measuring the inhibition of TRH-stimulated prolactin by dihydroergocristine (DEC) in man: an indirect assessment of bioavailability. Venitz J, et al. **Methods Find Exp Clin Pharmacol** 1984 Oct;6(10):645-7

Characterization of dopamine and alpha-adrenergic receptors in human prolactin-secreting adenomas with [3H]-dihydroergocryptine. Ramsdell JS, et al. **Neuroendocrinology** 1985 Jun;40(6):518-25

PHARMACODYNAMICS

Effects of 1-[2-ethoxy-2-(3'-pyridyl)ethyl]-4-(2'-methoxyphenyl)pi (IP-66), prazosin, yohimbine and dihydroergotoxine mesylate on the vasoconstriction of rat mesenteric artery induced by electric stimulation and exogenous norepinephrine. Castellucci A. **Arzneimittelforsch** 1985; 35(1):107-11

Dihydroergotoxine, an ergot alkaloid without marked hypotensive effect, improves blood flow and metabolism in the underperfused canine myocardium. Seitelberger R, et al. **Basic Res Cardiol** 1985 May-Jun;80(3):260-8

Effect of dihydroergokryptine administration on serum prolactin and growth hormone levels in normal, hyperprolactinaemic and acromegalic subjects: evidence of potent and long-lasting pituitary dopamine receptor stimulation. Ferrari C, et al. **Eur J Clin Pharmacol** 1985; 27(6):707-11

A long-term study with co-dergocrine mesylate (Hydergine) in healthy pensioners. Results after 3 years. Köberle S, et al. **Gerontology** 1984;30 Suppl 1:3-52

Effect of dihydroergocristine on energy metabolism studied in the isolated perfused rat brain affected by ischemia and in neuroblastoma cells deprived of oxygen and glucose. Rachman A, et al. **J Cereb Blood Flow Metab** 1984 Dec; 4(4):610-4

Alpha-adrenergic agonist and antagonist activity of dihydroergotoxine in rats. Roquebert J, et al. **J Pharm Pharmacol** 1985 Jun;37(6):415-20

Dihydroergotoxine decreases blood pressure in spontaneously hypertensive rats by interacting with peripheral dopamine receptors. Memo M, et al. **Life Sci** 1985 Apr 22;36(16):1515-22

Immediate and prolonged effects of dihydroergocryptine after experimental vascular microsurgery. Merle M, et al. **Microsurgery** 1985;6(1):49-52

[The effect of dihydroergotoxin (Redergin tablets, 4.5 mg) on blood pressure and left ventricular function in patients with essential hypertension] Kocijančič M, et al. **Med Pregl** 1985;38(1-2):61-8 (Eng. Abstr.) (Ser)

THERAPEUTIC USE

Is DH-ergotoxine the best gerontologicum from the ergot source? Experimental comparison with individual components. Grossmann V, et al. **Act Nerv Super (Praha)** 1984 Sep;26(3):195-201

CSF levels of neurotransmitters in Alzheimer-type dementia. Effects of ergoloid mesylate. Seeldrayers P, et al. **Acta Neurol Scand** 1985 May;71(5):411-4

The treatment of senile dementia associated with cerebrovascular insufficiency: a comparative study of buflomedil and dihydrogenated ergot alkaloids. Jansen W, et al. **J Int Med Res** 1985;13(1):48-53

Ergot for dementia? [editorial] **Lancet** 1984 Dec 8; 2(8415):1313-4

[Careful treatment of hypertension in the elderly. A multicenter medical practice study with Ergodesit Spezial] Daunderer W. **Fortschr Med** 1985 Jul 4;103(25):680-2 (Eng. Abstr.) (Ger)

[Clinical experience with the combination of dextran 40, dihydroergotoxine, lidocaine in intravenous perfusion in the prevention of postoperative ischemia of skin flaps] Riberti C, et al. **Minerva Chir** 1984 May 31;39(10):819-23 (Eng. Abstr.) (Ita)

[Venacorn or anavenol in the prevention of thromboembolic complications in pregnant women] Liber Z, et al. **Wiad Lek** 1984 Apr 15;37(8):613-8 (Eng. Abstr.) (Pol)

DIHYDROFOLATE REDUCTASE see **TETRAHYDROFOLATE DEHYDROGENASE**

DIHYDROLIPOAMIDE DEHYDROGENASE see **LIPOAMIDE DEHYDROGENASE**

DIHYDROMORPHINE see under **MORPHINE DERIVATIVES**

DIHYDROMORPHINONE

Cystometry in dogs under oxymorphone and acepromazine restraint. Barsanti JA, et al. **Am J Vet Res** 1984 Oct; 45(10):21[illegible]2-3

ADMINISTRATION & DOSAGE

Self-administration of clonidine, oxazepam, and hydromorphone by patients undergoing methadone detoxification. Preston KL, et al. **Clin Pharmacol Ther** 1985 Aug;38(2):219-27

ANALOGS & DERIVATIVES

Comparison of histamine release in human skin mast cells induced by morphine, fentanyl, and oxymorphone. Hermens JM, et al. **Anesthesiology** 1985 Feb;62(2):124-9

The effect of quaternary naloxone on the increased naloxone potency induced by morphine. Wong CL, et al. **Clin Exp Pharmacol Physiol** 1984 Sep-Oct;11(5):467-71

10-Ketonaltrexone and 10-ketooxymorphone. Archer S, et al. **J Med Chem** 1985 Jul;28(7):974-6

Activities of morphinone and N-(cyclopropylmethyl)normorphinone at opioid receptors. Fang S, et al. **J Med Chem** 1984 Oct;27(10):1361-3

Opioid agonists and antagonists. 6-Desoxy-6-substituted lactone, epoxide, and glycidate ester derivatives of naltrexone and oxymorphone. Koolpe GA, et al. **J Med Chem** 1985 Jul;28(7):949-57

Diastereomeric 6-desoxy-6-spiro-alpha-methylene-gamma-butyrolactone derivatives of naltrexone and oxymorphone. Selective irreversible inhibition of naltrexone binding in an opioid receptor preparation by a conformationally restricted michael acceptor ligand. Koolpe GA, et al. **J Med Chem** 1984 Dec;27(12):1718-23

A quantitative study of [3H]D-Ala2-D-Leu5-enkephalin binding to rat brain membranes. Evidence that oxymorphone is a noncompetitive inhibitor of the lower affinity delta-binding site. Rothman RB, et al. **Mol Pharmacol** 1985 Mar;27(3):399-409

Irreversible and reversible narcotic agonists: discriminative and analgesic effects of buprenorphine, oxymorphazone, and morphine. France CP, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:136-42

Chloroacryloyl amides and alpha-methylenelactones from naltrexone, oxymorphone and fentanyl. Archer S, et al. **Neuropeptides** 1985 Feb;5(4-6):395-8

PHARMACODYNAMICS

Hydromorphone effects on human conversational speech. Stitzer ML, et al. **Psychopharmacology (Berlin)** 1984; 84(3):402-4

POISONING

Accidental epidural overdose of hydromorphone [letter] Moon RE, et al. **Anesthesiology** 1985 Aug;63(2):238-9

THERAPEUTIC USE

Segmental effect of lumbar epidural hydromorphone: a case report. Horan CT, et al. **Anesthesiology** 1985 Jan;62(1):84-5

DIHYDROOLEIC ACIDS see **STEARIC ACIDS**

DIHYDRO-OROTASE see under **AMIDOHYDROLASES**

DIHYDRO-OROTATE OXIDASE see under **OXIDOREDUCTASES**

DIHYDROPROGESTERONE see under **PROGESTERONE**

DIHYDROPTERIDINE REDUCTASE see under **NADH, NADPH OXIDOREDUCTASES**

DIHYDROPTEROATE SYNTHASE see under **TRANSFERASES**

DIHYDROSTREPTOMYCIN

ANALOGS & DERIVATIVES

Lack of accumulation of exogenous adenylyl dihydrostreptomycin by whole cells or spheroplasts of Escherichia coli. Garcia-Riestra C, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):114-9

5'-Hydroxy-2'-N-demethyl-dihydrostreptomycin produced by a Streptomyces. Kondo S, et al. **J Antibiot (Tokyo)** 1985 Mar;38(3):433-5

METABOLISM

Respiration-dependent uptake of dihydrostreptomycin by

Escherichia coli. Its irreversible nature and lack of evidence for a uniport process. Nichols WW, et al. **Biochem J** 1985 Jun 1;228(2):505–12

Cross-linking of streptomycin to the 30S subunit of Escherichia coli with phenyldiglyoxal. Melançon P, et al. **Biochemistry** 1984 Dec 18;23(26):6697–703

PHARMACODYNAMICS

Effect of dihydrostreptomycin or oxytetracycline on reproductive capacity of bulls. Abbitt B, et al. **Am J Vet Res** 1984 Nov;45(11):2243–6

[Action of aminoglycosides on platelet aggregation in vitro] Nubile G, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30; 61(3):357–63 (Eng. Abstr.) (Ita)

THERAPEUTIC USE

[Parenteral treatment of placental retention in cows] Varadin M, et al. **Schweiz Arch Tierheilkd** 1985 Apr;127(4):279–89 (Eng. Abstr.) (Ger)

DIHYDROTACHYSTEROL

ADVERSE EFFECTS

Vitamin D replacement therapy and renal function. Calcitriol v dihydrotachysterol. Hymes LC, et al. **Am J Dis Child** 1984 Dec;138(12):1125–8

Effect of treatment with dihydrotachysterol on renal function in patients with chronic renal failure. Cordy PE, et al. **Miner Electrolyte Metab** 1984;10(5):281–5

ANALOGS & DERIVATIVES

Isolation and identification of 25-hydroxydihydrotachysterol2 1 alpha,25-dihydroxydihydrotachysterol2 and 1 beta,25-dihydroxydihydrotachysterol2. Bosch R, et al. **J Steroid Biochem** 1985 Aug;23(2):223–9

BLOOD

The distribution of (5E)-(10S)-10,19-dihydroercalciol and its metabolites in serum of rats. Bosch R, et al. **J Steroid Biochem** 1985 Feb;22(2):187–93

POISONING

[Dihydrotachysterol poisoning] Müller G, et al. **Z Gesamte Inn Med** 1984 Oct 15;39(20):511–3 (Eng. Abstr.) (Ger)

DIHYDROTESTOSTERONE see **STANOLONE**

DIHYDROXYACETONE see under **TRIOSES**

DIHYDROXYACETONE PHOSPHATE see under **TRIOSES**

M-DIHYDROXYBENZENES see **RESORCINOLS**

O-DIHYDROXYBENZENES see **CATECHOLS**

P-DIHYDROXYBENZENES see **HYDROQUINONES**

DIHYDROXYBUTANES see **BUTANEDIOLS**

1 ALPHA,25-DIHYDROXYCHOLECALCIFEROL see **CALCITRIOL**

1,25-DIHYDROXYCHOLECALCIFEROL see **CALCITRIOL**

DIHYDROXYCHOLECALCIFEROLS

Naturally occurring 24,25-dihydroxyvitamin D3 is a mixture of both C-24R and C-24S epimers. Ishizuka S, et al. **Arch Biochem Biophys** 1984 Oct;234(1):97–104

ANALYSIS

Measurement of 25,26-dihydroxyvitamin D: importance of the configuration of the C-25 hydroxyl group. Bikle DD, et al. **Biochemistry** 1984 Dec 18;23(26):6920–5

A sensitive and simplified radioimmunoassay for 1,25-dihydroxyvitamin D3. Scharla S, et al. **Clin Chim Acta** 1984 Oct 15;142(3):325–38

BIOSYNTHESIS

Regulation of 24,25-dihydroxyvitamin D-3 production by 1,25-dihydroxyvitamin D-3 and synthetic human parathyroid hormone fragment 1–34 in a cloned monkey kidney cell line (JTC-12). Matsumoto T, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):358–65

BLOOD

Circulating levels of vitamin D metabolites in patients with hyperinsulinaemia. Ishida H, et al. **Hum Nutr Clin Nutr** 1984 Nov;38(6):473–5

Specific mass fragmentographic assay for 25,26-dihydroxyvitamin D in human plasma using a deuterated internal standard. Coldwell RD, et al. **J Chromatogr** 1985 Mar 22;338(2):289–302

Serum concentration of 1,25-dihydroxyvitamin D in the human: diurnal variation. Halloran BP, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1104–10

Identification of 1,24(R)-dihydroxyvitamin D3-like bone-resorbing lipid in a patient with cancer-associated hypercalcemia. Shigeno C, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):761–8

Simultaneous measurement of 1.25-dihydroxy-vitamin D, 24.25-dihydroxy-vitamin D and 25-hydroxy-vitamin D from a single two milliliters serum specimen. Preliminary clinical application. Tartarotti D, et al. **J Endocrinol Invest** 1984 Dec;7(6):545–50

Dietary calcium and serum 1,25-(OH)2-vitamin D concentrations as determinants of calcium balance in healthy men. Maierhofer WJ, et al. **Kidney Int** 1984 Nov; 26(5):752–9

Elevated plasma 1,25-dihydroxyvitamin D concentrations in infants with hypercalcemia and an elfin facies. Garabédian M, et al. **N Engl J Med** 1985 Apr 11;312(15):948–52

Serum concentrations of vitamin D metabolites in different degrees of impaired renal function. Estimation of renal and extrarenal secretion rate of 24,25-dihydroxyvitamin D. Rickers H, et al. **Nephron** 1985;39(3):267–71

Vitamin D metabolite levels in normal children. Taylor AF, et al. **Pediatr Res** 1984 Sep;18(9):886–90

[Circulating metabolites of vitamin D in 14 children with hypercalcemia] Jacqz E, et al. **Arch Fr Pediatr** 1985 Mar; 42(3):225–30 (Eng. Abstr.) (Fre)

CEREBROSPINAL FLUID

25-Hydroxyvitamin D, 24, 25-dihydroxyvitamin D and 1,25-dihydroxyvitamin D in human cerebrospinal fluid. Balabanova S, et al. **Klin Wochenschr** 1984 Nov 15; 62(22):1086–90

CHEMICAL SYNTHESIS

Chemical synthesis of (24R)-24,25-dihydroxy[26,27-3H]vitamin D3 of high specific activity. Perlman K, et al. **Biochemistry** 1984 Oct 9;23(21):5041–8

Synthesis and biological activity of (22E,24R)- and (22E,24S)-1 alpha,24-dihydroxy-22-dehydrovitamin D3. Sai H, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct; 32(10):3866–72

METABOLISM

Identification of 24,25,26,27-tetranor-23-hydroxyvitamin D3 as a product of the renal metabolism of 24,25-dihydroxyvitamin D3. Jones G, et al. **Biochemistry** 1984 Jul 31;23(16):3749–54

Autoradiographic localization of 24R,25-dihydroxyvitamin D3 in epiphyseal cartilage. Fine N, et al. **Bone** 1985; 6(2):99–104

PHARMACODYNAMICS

1,25-Dihydroxyvitamin D3 and 1,24-dihydroxyvitamin D3 suppress in vitro antibody response to T cell-dependent antigen. Komoriya K, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):753–8

Synergistic effects of 1,25(OH)2D3 and 24,25(OH)2D3 on duodenal CaBP in rachitic chicks and on eggshell weight in Japanese quails. Rambeck WA, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):799–804

24R,25-dihydroxyvitamin D3 regulates 1,25-dihydroxyvitamin D3 binding to its chick intestinal receptor. Wilhelm F, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):496–501

Absence of effect of 24,25-dihydroxycholecalciferol on serum immunoreactive PTH in patients with persistent hyperparathyroidism after renal transplantation. Friedlander MA, et al. **Clin Nephrol** 1984 Oct;22(4):206–10

Effects of corticosteroid and 1,24R-dihydroxy-vitamin D3 administration on lymphoproliferation and autoimmune disease in MRL/MP-lpr/lpr mice. Koizumi T, et al. **Int Arch Allergy Appl Immunol** 1985;77(4):396–404

Studies on hormonal regulation of the growth of the craniofacial skeleton: III. Effects of 24,25 (OH)2D3 on cartilage growth in the mandibular condyle of suckling mice. Mirsky N, et al. **J Craniofac Genet Dev Biol** 1984; 4(4):303–20

Hydroxylation of carbon-24 of 25-hydroxycholecalciferol is not necessary for normal embryonic development in chickens. Hart LE, et al. **J Nutr** 1984 Nov;114(11):2059–65

Recombinant gamma-interferon and lipopolysaccharide enhance 1,25-dihydroxyvitamin D3-induced cell differentiation in human promyelocytic leukemia (HL-60) cells. Murao SI, et al. **Jpn J Cancer Res** 1985 Jul; 76(7):596–602

Effect of 24,25(OH)2D3 on PTH levels and bone histology in dogs with chronic uremia. Olgaard K, et al. **Kidney Int** 1984 Dec;26(6):791–7

Vitamin D metabolite effects on membrane potential and potassium intracellular activity in rabbit cartilage. Edelman A, et al. **Miner Electrolyte Metab** 1985;11(2):97–105

Effect of active vitamin D3 analogs on the osteoporosis of rats caused by ovariectomy. Izawa Y, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):349–56

[Effect of 1,25-dihydroxyvitamin D3 and 24,25-dihydroxyvitamin D3 on growth and remodeling of rat bones during hypokinesia (histomorphometric study)] Kabitskaia OE, et al. **Kosm Biol Aviakosm Med** 1984 Jul-Aug;18(4):49–55 (Eng. Abstr.) (Rus)

[Effect of 1,25-dihydroxycholecalciferol and 24,25-dihydroxycholecalciferol on calcium homeostasis in rats treated with hydrocortisone] Karatabanova NA, et al. **Vopr Med Khim** 1985 May-Jun;31(3):112–6 (Eng. Abstr.) (Rus)

[Effect of 1,25-dioxycholecalciferol and 24,25-dioxycholecalciferol on calcium homeostasis in rats given hydrocortisone in the diet with various phosphorus contents] Karatabanova NA, et al. **Vopr Pitan** 1985 Mar-Apr;(2):52–6 (Eng. Abstr.) (Rus)

PHYSIOLOGY

Demonstration that the vitamin D metabolite 1,25(OH)2-vitamin D3 and not 24R,25(OH)2-vitamin D3 is essential for normal insulin secretion in the perfused rat pancreas. Kadowaki S, et al. **Diabetes** 1985 Apr; 34(4):315–20

SECRETION

[The kidney as an endocrine organ. II. Active vitamin D metabolites, the natriuretic factor and erythropoietin] Kokot F. **Pol Arch Med Wewn** 1984 Dec;72(6):321–4 (Pol)

THERAPEUTIC USE

Effect of oral 1,25-dihydroxyvitamin D and calcium on glucocorticoid-induced osteopenia in patients with rheumatic diseases. Dykman TR, et al. **Arthritis Rheum** 1984 Dec;27(12):1336–43

Effects of vitamin D metabolites on healing of low phosphate, vitamin D-deficient induced rickets in rats. Atkin I, et al. **Bone** 1985;6(2):113–23

DIHYDROXYETHANES see **ETHYLENE GLYCOLS**

3,4-DIHYDROXYPHENYLACETIC ACID see under **PHENYLACETATES**

DIHYDROXYPHENYLALANINE see **DOPA**

3,4-DIHYDROXYPHENYLSERINE see under **SERINE**

DIHYDROXYPREGNADIENES see **PREGNADIENEDIOLS**

DIHYDROXYPROGESTERONE ACETOPHENIDE see **ALGESTONE ACETOPHENIDE**

5,6-DIHYDROXYTRYPTAMINE

ANALOGS & DERIVATIVES

Molecular mechanism of action of 5,6-dihydroxytryptamine. Synthesis and biological evaluation of 4-methyl-, 7-methyl-, and 4,7-dimethyl-5,6-dihydroxytryptamines. Sinhababu AK, et al. **J Med Chem** 1985 Sep;28(9):1273–9

PHARMACODYNAMICS

Cardiovascular effects of intracisternal 6-hydroxydopamine and of subsequent lesions of the ventrolateral medulla coinciding with the Al group of noradrenaline cells in the rabbit. Elliott JM, et al. **J Auton Nerv Syst** 1985 Feb-Mar; 12(2-3):117–30

Molecular mechanism of action of 5,6-dihydroxytryptamine. Synthesis and biological evaluation of 4-methyl-, 7-methyl-, and 4,7-dimethyl-5,6-dihydroxytryptamines. Sinhababu AK, et al. **J Med Chem** 1985 Sep;28(9):1273–9

Selective neurotoxic lesions of descending serotonergic and noradrenergic pathways in the rat. Berge OG, et al. **J Neurochem** 1985 Apr;44(4):1156–61

[Effect of 5,6-dihydroxytryptamine and 6-hydroxydopamine on the maze behavior of the snail Helix lucroum] Salimova NB, et al. **Zh Vyssh Nerv Deiat** 1984 Sep-Oct;34(5):941–7 (Eng. Abstr.) (Rus)

[Effect of cerebral intraventricular administration of 5,6-dihydroxytryptamine and 5,7-dihydroxytryptamine on the cyclic secretion of corticosterone in the rat] Montilla P, et al. **Rev Esp Fisiol** 1984 Sep;40(3):333–9 (Eng. Abstr.) (Spa)

5,7-DIHYDROXYTRYPTAMINE see under **DIHYDROXYTRYPTAMINES**

DIHYDROXYTRYPTAMINES

ADMINISTRATION & DOSAGE

Intrahypothalamic 5,7-dihydroxytryptamine: temporal analysis of effects on 5-hydroxytryptamine content in brai nuclei and on facilitated lordosis behavior. Frankfurt M, et al. **Brain Res** 1985 Aug 5;340(1):127–33

ANTAGONISTS & INHIBITORS

Effect of GM1 ganglioside on neonatally neurotoxin induce degeneration of serotonin neurons in the rat brain. Jon G, et al. **Brain Res** 1984 Nov;318(2):171–80

PHARMACODYNAMICS

Effects of serotonin depleters on the contents beta-endorphin, alpha-melanotropin and adrenocorticotropin in rat brain and pituitary. Fukata J, et al. **Brain Res** 1984 Dec 24;324(2):289-93

Thyrotropin releasing hormone but not histidyl-proline diketopiperazine is depleted from rat spinal cord following 5,7-dihydroxytryptamine treatment. Lechan RM, et al. **Brain Res** 1985 Feb 4;326(1):152-5

The effect of 5,7-dihydroxytryptamine on the serum corticosterone resistance to suppression by dexamethasone. McIntyre IM, et al. **Brain Res** 1984 Aug 20;309(1):156-8

Early postnatal administration of 5,7-DHT: effects on serotonergic neurons and terminals. Towle AC, et al. **Brain Res** 1984 Sep 17;310(1):67-75

Increased behavioural response to 5-methoxy-N,N-dimethyltryptamine but not to RU-24969 after intraventricular 5,7-dihydroxytryptamine administration. Nisbet AP, et al. **Eur J Pharmacol** 1984 Sep 3;104(1-2):177-80

Quantitative effects of a neurotoxin upon serotonin levels within tissue compartments of the medicinal leech. Lent CM. **J Neurobiol** 1984 Sep;15(5):309-23

Selective neurotoxic lesions of descending serotonergic and noradrenergic pathways in the rat. Berge OG, et al. **J Neurochem** 1985 Apr;44(4):1156-61

Intraventricular 5,7-dihydroxytryptamine increases thyrotropin-releasing hormone content in regions of rat brain. Manaker S, et al. **J Neurochem** 1985 Oct;45(4):1315-8

Intracortical 5,7-dihydroxytryptamine depletes brain serotonin concentrations without affecting spontaneous activity. Black RS, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):327-31

Serotonin turnover and supersensitivity after neonatal 5,7-dihydroxytryptamine. Mueller RA, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):221-5

[Effect of cerebral intraventricular administration of 5,6-dihydroxytryptamine and 5,7-dihydroxytryptamine on the cyclic secretion of corticosterone in the rat] Montilla P, et al. **Rev Esp Fisiol** 1984 Sep;40(3):333-9 (Eng. Abstr.) **(Spa)**

1 ALPHA,25-DIHYDROXYVITAMIN D3 see **CALCITRIOL**

1,25-DIHYDROXYVITAMIN D3 see **CALCITRIOL**

DIHYDROXYVITAMINS D see **DIHYDROXYCHOLECALCIFEROLS**

DIIODOHYDROXYQUIN see under **HYDROXYQUINOLINES**

DIIODOTHYRONINES see under **THYRONINES**

DIIODOTYROSINE

ANALOGS & DERIVATIVES

IgG purification to measure the level of an iodinated thyroglobulin peptide. the 3,5,3',5' tetraiodo-l-tyrosyl-l-tyrosine in human serum. Bernard D, et al. **Experientia** 1985 Mar 15;41(3):385-7

[Ultrastructural changes in thyrocytes exposed to the antithyroid preparations betazin and diiodotyrosine] Trunov VI, et al. **Tsitol Genet** 1985 Jan-Feb;19(1):13-7 (Eng. Abstr.) **(Rus)**

BLOOD

Effects of small doses of bovine TSH on serum levels of free and total thyroid hormones, their degradation products, and diiodotyrosine. Benker G, et al. **Acta Endocrinol (Copenh)** 1985 Feb;108(2):211-6

PHARMACODYNAMICS

Receptor 'memory' in Tetrahymena: does it satisfy the general criteria of memory? An experimental study on induction and extinction by retroactive interference in a unicellular organism. Csaba G, et al. **Exp Cell Biol** 1984;52(5):320-5

Influence of prolonged life span on receptor 'memory' in a unicellular organism, Tetrahymena. Csaba G, et al. **Exp Cell Biol** 1984;52(3):211-6

[Ultrastructural changes in thyrocytes exposed to the antithyroid preparations betazin and diiodotyrosine] Trunov VI, et al. **Tsitol Genet** 1985 Jan-Feb;19(1):13-7 (Eng. Abstr.) **(Rus)**

DIISOPROPYLFLUOROPHOSPHATE see **ISOFLUROPHATE**

2,3-DIKETOGULONIC ACID see under **SUGAR ACIDS**

DIKETOPREGNANES see **PREGNANEDIONES**

DIKETOPREGNENES see **PREGNENEDIONES**

DILATATION

Malignant stenosis of the esophagus treated with dilatation or intubation. Granström L, et al. **Acta Chir Scand [Suppl]** 1984;520:33-6

INSTRUMENTATION

The bicycle seat stool in the treatment of vaginal agenesis and stenosis. Williams JK, et al. **J Obstet Gynecol Neonatal Nurs** 1985 Mar-Apr;14(2):147-50

Very stiff guide wire with a floppy tip. Cardella JF, et al. **Radiology** 1985 Sep;156(3):837

METHODS

Return of peristalsis in achalasia after pneumatic dilatation. Lamet M, et al. **Am J Gastroenterol** 1985 Aug;80(8):602-4

Pulmonary valve morphology after balloon dilatation of pulmonary valve stenosis. Benson LN, et al. **Cathet Cardiovasc Diagn** 1985;11(2):161-6

Balloon dilatation of benign and malignant esophageal strictures. Blind retrograde balloon dilatation. Graham DY, et al. **Gastrointest Endosc** 1985 Jun;31(3):171-4

Endoscopic tape dilator—a simple and inexpensive method to dilate upper gastrointestinal strictures. Lehman GA, et al. **J Clin Gastroenterol** 1985 Jun;7(3):208-10

Hydrostatic balloon dilatation for stomal stenosis after gastric partitioning. Eckhauser FE, et al. **Surg Gastroenterol** 1984;3(1):43-50

Percutaneous recanalization and dilatation of a surgically ligated calyx. Lammer J, et al. **Urol Radiol** 1984;6(3-4):215-7

DILATATION AND CURETTAGE

Dilatation of biliary strictures through a stomatized jejunal limb. Russell E, et al. **Acta Radiol [Diagn] (Stockh)** 1985 May-Jun;26(3):283-7

Office hysteroscopy and suction curettage: can we eliminate the hospital diagnostic dilatation and curettage? Goldrath MH, et al. **Am J Obstet Gynecol** 1985 May 15;152(2):220-9

Prophylactic antibiotics for curettage abortion. Grimes DA, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):689-94

Cervical occlusion due to adhesions following therapeutic abortion: an uncommon sequel to vacuum curettage. Fraser IS. **Aust NZ J Obstet Gynaecol** 1984 Nov;24(4):292-3

Controlled study of 16,16-dimethyl-trans-delta 2 prostaglandin E1 methyl ester vaginal pessaries prior to suction termination of first trimester pregnancies. Fisher PR, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1141-4

Double-blind placebo-controlled trial of baclofen, alone and in combination, in patients undergoing voluntary abortion. Corli O, et al. **Clin Ther** 1984;6(6):800-7

Intracervical administration of prostaglandin E2 prior to vacuum aspiration. A prospective double-blind randomized study. Iversen T, et al. **Int J Gynaecol Obstet** 1985 Apr;23(2):95-9

Histological profile of diagnostic endometrial curettage and its significance. Debdas AK, et al. **J Indian Med Assoc** 1984 Sep;82(9):309-12

Panoramic hysteroscopy with directed biopsies vs. dilatation and curettage for accurate diagnosis. Gimpelson RJ. **J Reprod Med** 1984 Aug;29(8):575-8

Stress-induced release of cortisol and prolactin during dilatation and curettage under general and local anesthesia. Beksaç MS, et al. **Neuropsychobiology** 1984;11(4):227-8

[Hysteroscopy-curettage under local anesthesia in the exploration of abnormal uterine bleeding] Dargent D, et al. **Rev Fr Gynecol Obstet** 1984 Apr;79(4):293-6 (Eng. Abstr.) **(Fre)**

[Medical clinical responsibility in control studies in pregnancy and curettage of the uterus long after fetal death] Schlund GH. **Geburtshilfe Frauenheilkd** 1984 Dec;44(12):827-8 **(Ger)**

[Endocrine function of the reproductive system after early abortion by vacuum-aspiration] Likhacheva TM. **Akush Ginekol (Mosk)** 1985 Feb;(2):37-9 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Preventing febrile complications of suction curettage abortion. Park TK, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):252-5

Sonographic monitoring to guide the performance of postabortal uterine curettage. Romero R, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):51-3

Amenorrhoea traumatica following therapeutic abortion: an approach to management. Tang WK. **Asia Oceania J Obstet Gynaecol** 1984 Dec;10(4):479-83

Neurosecretory response of hypothalamic-hypophyseal axis to spinal anesthesia, minor gynecological surgery and irradiation. Grönroos M, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jun;23(6):295-7

Uterine perforation following medical termination of pregnancy by vacuum aspiration. Mittal S, et al. **Int J Gynaecol Obstet** 1985 Feb;23(1):45-50

Vasopressin reduces blood loss from second-trimester dilatation and evacuation abortion. Schulz KF, et al. **Lancet** 1985 Aug 17;2(8451):353-6

Vomiting after anaesthesia for termination of pregnancy in Chinese. Chan CS, et al. **Singapore Med J** 1984 Jun;25(3):173-5

INSTRUMENTATION

A force sensor and peak-reading recorder for measurement of cervical dilatation force. Crawford AJ, et al. **J Biomed Eng** 1984 Oct;6(4):289-92

METHODS

The effect of cervical dilatation by laminaria on the plasma levels of 15-keto-13,14-dihydro-PGF2 alpha. Olund A, et al. **Contraception** 1984 Jul;30(1):23-7

[Use of a new vaginal suppository: prostaglandin E1 analog Gemeprost for cervix maturation prior to abortion in the 1st trimester] Rabe T, et al. **Geburtshilfe Frauenheilkd** 1985 Jun;45(6):393-401 (Eng. Abstr.) **(Ger)**

[Various aspects of termination of pregnancy by the vacuum-aspiration method] Kal'chenko EI, et al. **Akush Ginekol (Mosk)** 1984 Dec;(12):43-4 **(Rus)**

[Use of prostaglandin F2 alpha for dilating the cervical canal in performing an abortion] Matanyi S, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):39-41 (Eng. Abstr.) **(Rus)**

TRENDS

Current dilatation and curettage practice: a need for revision. Smith JJ, et al. **Obstet Gynecol** 1985 Apr;65(4):516-8

DILATATION, TRANSLUMINAL ARTERIAL see **ANGIOPLASTY, TRANSLUMINAL**

DILAZEP see under **AZEPINES**

DILTIAZEM see under **BENZAZEPINES**

DILUTION TECHNICS see **INDICATOR DILUTION TECHNICS**

DIMENHYDRINATE

ADMINISTRATION & DOSAGE

Transdermally administered scopolamine vs. dimenhydrinate. I. Effect on nausea and vertigo in experimentally induced motion sickness. Pyykkö I, et al. **Acta Otolaryngol (Stockh)** 1985 May-Jun;99(5-6):588-96

Transdermally administered scopolamine vs. dimenhydrinate. II. Effect on different types of nystagmus. Pyykkö I, et al. **Acta Otolaryngol (Stockh)** 1985 May-Jun;99(5-6):597-604

Transdermal therapeutic system scopolamine (TTSS), dimenhydrinate, and placebo—a comparative study at sea. Noy S, et al. **Aviat Space Environ Med** 1984 Nov;55(11):1051-4

ADVERSE EFFECTS

Effects of some motion sickness suppressants on static and dynamic tracking performance. Schroeder DJ, et al. **Aviat Space Environ Med** 1985 Apr;56(4):344-50

THERAPEUTIC USE

The effects of TTS-scopolamine, dimenhydrinate, lidocaine, and tocainide on motion sickness, vertigo, and nystagmus. Pyykkö I, et al. **Aviat Space Environ Med** 1985 Aug;56(8):777-82

DIMERCAPROL

ANALOGS & DERIVATIVES

HLA antigens and toxic reactions to sodium aurothiopropanol sulphonate and D-penicillamine in patients with rheumatoid arthritis. Perrier P, et al. **Ann Rheum Dis** 1985 Sep;44(9):621-4

The effect of 2,3-dimercaptopropane sodium sulfonate on mercury retention in rats in relation to age. Kostial K, et al. **Arch Toxicol** 1984 Oct;55(4):250-2

Unithiol in Wilson's disease [letter] Hoogenraad TU, et al. **Br Med J [Clin Res]** 1985 Apr 20;290(6476):1213

Unithiol in Wilson's disease. Walshe JM. **Br Med J [Clin Res]** 1985 Mar 2;290(6469):673-4

Bronchoalveolar lavage and gold salt-induced pneumonitis [letter] Breton JL, et al. **Chest** 1985 Mar;87(3):410

Chelation in metal intoxication. XV: Influence of dimercaptopropane sulphonate (DMPS) on lead poisoned rats with normal or damaged kidneys. Flora SS, et al. **Ind Health** 1985;23(1):17-24

Biological behavior and metabolic fate of the BAL analogues DMSA and DMPS. McGown EL, et al. **Proc West Pharmacol Soc** 1984;27:169-76

[Hepatitis secondary to a gold salt overdose] Jaeger A, et al. **Gastroenterol Clin Biol** 1984 Aug-Sep;8(8-9):660-6 (Eng. Abstr.) **(Fre)**

[Morvan's fibrillary chorea after gold therapy (letter)] Fraisse P, et al. **Presse Med** 1985 May 11;14(19):1097 **(Fre)**

[DMSP treatment in acute sublimate (mercury chloride) poisoning] Nadig J, et al. **Schweiz Med Wochenschr** 1985 Apr 13;115(15):507-11 (Eng. Abstr.) **(Ger)**

[Effect of unithiol on the ultrastructure of the myocardium and adrenals in endotoxin shock] Kirichenko IuG, et al. **Farmakol Toksikol** 1985 May-Jun;48(3):49-52 (Eng. Abstr.) **(Rus)**

[Endonasal electrophoresis of unithiol in the treatment of patients with early symptoms of chromium poisoning] Iakovlev NA, et al. **Gig Tr Prof Zabol** 1985 Feb;(2):13-6 (Eng. Abstr.) **(Rus)**

[Sulfur-containing drugs used in the treatment of postmastectomy edema of the upper limbs] Mogilevskiĭ IL, et al. **Sov Med** 1984;(9):108-11 **(Rus)**

[Unithiol in the treatment of secondary amyloidosis patients] Postnikov AV. **Ter Arkh** 1984;56(10):115–6 (Eng. Abstr.) (Rus)

[Action of unithiol on the toxic effect of antitumor preparations] Donenko FV. **Vopr Onkol** 1985;31(7):101–5 (Eng. Abstr.) (Rus)

METABOLISM

Biological behavior and metabolic fate of the BAL analogues DMSA and DMPS. McGown EL, et al. **Proc West Pharmacol Soc** 1984;27:169–76

PHARMACODYNAMICS

Effect of canavanine and 2,3-dimercapto-1-propanol (British antilewisite) on the proliferation of Novikoff hepatoma cells in the presence of concanavalin A. Doyle DG, et al. **Clin Physiol Biochem** 1983;1(6):305–17

THERAPEUTIC USE

Dimercaprol in the treatment of thrombocytopenia purpura induced by gold salts [letter] Samara AM, et al. **J Rheumatol** 1985 Feb;12(1):180–1

[Myoclonic and convulsive encephalopathy caused by bismuth. Usefulness of dimercaprol treatment] Nogué S, et al. **Med Clin (Barc)** 1985 Apr 6;84(13):530–2 (Eng. Abstr.) (Spa)

DIMERCAPTOSUCCINIC ACID see under **SULFHYDRYL COMPOUNDS**

DIMETHADIONE see under **OXAZOLES**

DIMETHINDENE

ADMINISTRATION & DOSAGE

[Effect of a betamethasone-dimethidine-maleate combination on dermatologic diseases. Determination of plasma cortisol levels before, during and after several days' therapy] Venitz J, et al. **Fortschr Med** 1984 Sep 20;102(35):882–4 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

The influence of dimetindene maleate on the endogenous hydrocortisone synthesis suppressing potency of betamethasone. Rehn D, et al. **Arzneimittelforschung** 1985; 35(6):970–2

The influence of dimetindene maleate (Fenistil) on the pharmacokinetic profile of betamethasone. Rehn D, et al. **Biopharm Drug Dispos** 1984 Jul–Sep;5(3):291–5

[The anti-inflammatory effect of a combination of dimethindene maleate and betamethasone in topical formulations] Lücker PW, et al. **Arzneimittelforsch** 1985; 35(2):539–42 (Eng. Abstr.) (Ger)

[Electrophysiological study of the antiarrhythmic effect of dimethindene (Fenistil)] Mészáros J, et al. **Acta Pharm Hung** 1984 Jul;54(4):160–9 (Eng. Abstr.) (Hun)

DIMETHOATE

ADVERSE EFFECTS

[Dimethoate and dithiocarbamate as occupational contact allergens in a female agrotechnician] Pambor M, et al. **Dermatol Monatsschr** 1985;171(6):401–5 (Eng. Abstr.) (Ger)

ANALYSIS

[The reduction and residue of dimethoate in vegetables] Liu YJ. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1985 Jan; 19(1):31–3 (Eng. Abstr.) (Chi)

METABOLISM

[Renal excretion of dimethylphosphate and its thio-derivatives following application of dimethoate, bromophos, naled or trichlorfon to rats] Riemer F, et al. **Nahrung** 1985;29(3):299–302 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

A comparative study of guanine N7-alkylation in mice in vivo by the organophosphorus insecticides trichlorphon, dimethoate, phosmet and bromophos. Dedek W, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Aug;55(2):104–9

POISONING

Dimethoate-induced toxic cardiac failure in the guinea pig. Marosi G, et al. **Arch Toxicol** 1985 Jun;57(2):142–3

Atropine or hyoscine in treatment of acute organophosphate poisoning? [letter] Stein CM, et al. **Lancet** 1985 Apr 6; 1(8432):823–4

TOXICITY

Metabolic changes induced by organophosphates in the piscine organs. Awasthi M, et al. **Environ Res** 1984 Oct; 35(1):320–5

DIMETHOPHRINE see under **ETHANOLAMINES**

DIMETHOXYPHENYLETHYLAMINE see under **PHENETHYLAMINES**

DIMETHPYRINDENE see **DIMETHINDENE**

DIMETHYL ADIPIMIDATE see under **IMIDOESTERS**

DIMETHYL SUBERIMIDATE see under **IMIDOESTERS**

DIMETHYL SULFOXIDE

The effects of ethylene glycol and dimethyl sulfoxide on cerebroside metastability. Curatolo W. **Biochim Biophys Acta** 1985 Jul 11;817(1):134–8

ADMINISTRATION & DOSAGE

[Improvements of gastrointestinal symptoms in a case of AA type amyloidosis by the combination therapy of prednisolone and dimethylsulfoxide] Imai Y, et al. **Nippon Naika Gakkai Zasshi** 1984 Sep;73(9):1358–63 (Jpn)

[Treatment of primary neuritis of the facial nerve with compresses of dimexide and nicotinic acid] Farber FM. **Zh Nevropatol Psikhiatr** 1984;84(8):1161–3 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

Dimethyl sulfoxide dehydration of the foot. A case history. Subotnick SI. **J Am Podiatr Med Assoc** 1985 May; 75(5):263–5

[Side effect of dimexide] Tsyrkunov LP, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):51–3 (Eng. Abstr.) (Rus)

DIAGNOSTIC USE

Dimethyl sulfoxide as a vehicle for food allergy patch tests. Fisher AA. **Cutis** 1985 Aug;36(2):109–10

METABOLISM

Dimethylsulphoxide and trimethylamine oxide respiration of Proteus vulgaris. Evidence for a common terminal reductase system. Styrvold OB, et al. **Arch Microbiol** 1984 Nov;140(1):74–8

Dimethyl sulfoxide reductase activity by anaerobically grown Escherichia coli HB101. Bilous PT, et al. **J Bacteriol** 1985 Jun;162(3):1151–5

Proton translocation coupled to dimethyl sulfoxide reduction in anaerobically grown Escherichia coli HB101. Bilous PT, et al. **J Bacteriol** 1985 Jul;163(1):369–75

[Permeability of the E. coli cell membrane for thiourea, dimethylsulfoxide and glycerol] Efimov VB, et al. **Biofizika** 1985 May–Jun;30(3):446–9 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Preparation of low-affinity red cells with dimethylsulfoxide-mediated inositol hexaphosphate incorporation: hemoglobin and ATP recovery using a continuous-flow method. Franco RS, et al. **Am J Hematol** 1984;17(4):393–400

Effect of dimethyl sulfoxide and glycerol on acute bowel ischemia in the rat. Demetriou AA, et al. **Am J Surg** 1985 Jan;149(1):91–4

Inhibition of dimethylsulfoxide-induced differentiation in Friend erythroleukemic cells by diacylglycerols and phospholipase C. Pincus SM, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):491–9

Effects of dimethylsulfoxide on sphingomyelinase in cultured human fibroblasts and correction of sphingomyelinase deficiency in fibroblasts from Niemann-Pick patients. Sakuragawa N, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):756–62

Stimulation of tyrosine protein kinase activity by dimethyl sulfoxide. Srivastava AK. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1042–7

Effects of dimethyl sulfoxide (DMSO) on bleomycin-induced pulmonary fibrosis. Pepin JM, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2386–9

S-adenosylhomocysteine hydrolase activity during differentiation of HL-60 cells. Chiba P, et al. **Biosci Rep** 1984 Aug;4(8):687–94

Inhibition of DMSO-induced differentiation by hyperthermia in a murine erythroleukemia cell system. Raaphorst GP, et al. **Can J Biochem Cell Biol** 1984 Nov;62(11):1091–6

Effect of dimethylsulfoxide and butyrate on 5'-nucleotidase of human renal carcinoma cells. Prager MD, et al. **Cancer Lett** 1984 Aug;24(1):81–8

Inability of dimethyl sulfoxide to increase brain uptake of water-soluble compounds: implications to chemotherapy for brain tumors. Greig NH, et al. **Cancer Treat Rep** 1985 Mar;69(3):305–12

The effects of dimethyl sulfoxide on the osmotic properties of a rat megakaryocytopoietic cell line. Connolly A, et al. **Cryobiology** 1985 Aug;22(4):351–8

Cell-cell interaction can influence drug-induced differentiation of murine embryonal carcinoma cells. Campione-Piccardo J, et al. **Dev Biol** 1985 May; 109(1):25–31

DMSO effects on synaptic facilitation and calcium dependence in bullfrog sympathetic ganglion. Matsumoto M, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):213–8

Effects of succinylacetone on dimethylsulfoxide-mediated induction of heme pathway enzymes in mouse friend virus-transformed erythroleukemia cells. Beaumont C, et al. **Exp Cell Res** 1984 Oct;154(2):474–84

Transferrin receptors and iron utilization in DMSO-inducible and -uninducible Friend erythroleukemia cells. Wilczynska A, et al. **Exp Cell Res** 1984 Oct;154(2):561–6

Control of HL-60 myeloid differentiation. Evidence of uncoupled growth and differentiation control, S-phase specificity, and two-step regulation. Yen A. **Exp Cell Res** 1985 Jan;156(1):198–212

[3H]Ouabain binding and 86 rubidium uptake during the dimethyl sulfoxide-induced differentiation of human promyelocytic leukemia HL-60 cells. Ladoux A, et al. **FEBS Lett** 1984 Oct 29;176(2):467–72

Relaxation of PvuII recognition sequence. Nasri M, et al. **FEBS Lett** 1985 Jun 3;185(1):101–4

The effect of DMSO treatment on the performance of [99mTc]HEDP. Bugaj JE, et al. **Int J Nucl Med Biol** 1984; 11(2):109–11

Effect of dimethylsulfoxide on ATP synthesis by mitochondrial soluble F1-ATPase. Sakamoto J. **J Biochem (Tokyo)** 1984 Aug;96(2):483–7

The role of Ca2+ in dimethyl sulfoxide-induced differentiation of Friend erythroleukemia cells. Faletto DL, et al. **J Biol Chem** 1985 Apr 25;260(8):4884–9

Dimethyl sulfoxide decreases specific EGF binding. Earp HS, et al. **J Cell Biochem** 1984;26(4):221–30

Ultrastructural studies of barrier restoration in epidermis of hairless mice following dimethyl sulfoxide application. Shackleford JM, et al. **J Cutan Pathol** 1984 Aug; 11(4):259–68

Intramammary infusions of cytochalasin B and dimethyl sulfoxide do not suppress milk secretion in the goat. Patton S, et al. **J Dairy Sci** 1984 Dec;67(12):3057–60

The influence of dimethyl sulfoxide on cell growth and ultrastructural features of cultured smooth muscle cells. Katsuda S, et al. **J Electron Microsc (Tokyo)** 1984; 33(3):239–41

Dimethyl sulfoxide induces expression of H-2 antigens on mouse lung carcinoma cells. Bahler DW, et al. **J Immunol** 1985 Apr;134(4):2790–8

Dimethyl sulfoxide-induced differentiation does not alter tumorigenicity of neuroblastoma cells. Danon YL, et al. **J Neurooncol** 1985;3(1):43–51

Effect of dimethylsulfoxide on the cell surface of Herpetomonas samuelpessoai. Soares RM, et al. **J Submicrosc Cytol** 1984 Oct;16(4):735–9

Macrophage-mediated natural cytotoxicity of dimethyl sulfoxide-treated Friend erythroleukemia cells. Hsu KH, et al. **JNCI** 1985 Jul;75(1):105–10

Osmotic activity of dimethyl sulfoxide in the renal distal tubule. Ellison DH, et al. **Kidney Int** 1984 Oct;26(4):471–5

Surface antigen expression by a human B-lymphoblastoid cell line treated with 'differentiation' inducers, dimethysulfoxide and tetradecanoylphorbol acetate. Ashman LK, et al. **Leuk Res** 1985;9(1):157–65

Dimethylsulfoxide induces aneuploidy in a fungal test system. Fulton AM, et al. **MGG** 1984;197(2):347–9

Fixation of radiation-induced potentially lethal damage by anisotonic treatment and its modification by DMSO or BrdUrd in V79 cells. Raaphorst GP, et al. **Radiat Environ Biophys** 1985;24(3):175–84

Dimethyl sulfoxide: lack of suppression of the humoral immune response in mice. Caren LD, et al. **Toxicol Lett** 1985 Aug;26(2–3):193–7

Attempts to establish the scrapie agent in cell lines. Elleman CJ. **Vet Res Commun** 1984 Nov;8(4):309–16

Dimethylsulfoxide increases the survival and lysosomal stability of mouse peritoneal macrophages exposed to low-LET ionizing radiation and/or ionic iron in culture. Abok K, et al. **Virchows Arch [Cell Pathol]** 1984; 46(4):307–20

[Changes in lectin-induced agglutination of human tumor cells during the process of their reversion] Viadro MM. **Eksp Onkol** 1985;7(2):46–8 (Eng. Abstr.) (Rus)

[Morphologic differentiation of neuroblastoma cells induced by dimethyl sulfoxide] Pogorelaia NKh, et al. **Neirofiziologiia** 1984;16(4):519–27 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

Double-blind, multicenter controlled trial comparing topical dimethyl sulfoxide and normal saline for treatment of hand ulcers in patients with systemic sclerosis. Williams HJ, et al. **Arthritis Rheum** 1985 Mar;28(3):308–14

Improvement of endoscopic and histologic findings of AA-type gastrointestinal amyloidosis by treatment with dimethyl sulfoxide and prednisolone. Takahashi A, et al. **Gastroenterol Jpn** 1985 Apr;20(2):143–7

Treatment of diabetic perforating ulcers (mal perforant) with local dimethylsulfoxide. Lishner M, et al. **J Am Geriatr Soc** 1985 Jan;33(1):41–3

Dimethyl sulfoxide. Alsup EM, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):1011–4

Favorable effect of dimethyl sulfoxide on secondary amyloidosis in juvenile rheumatoid arthritis. Yoshimitsu K, et al. **Pediatr Pharmacol (New York)** 1984;4(3):177–81

Dimethyl sulfoxide: a review of its use in the rheumatic disorders. Trice JM, et al. **Semin Arthritis Rheum** 1985 Aug 15(1):45–60 (117 ref.)

[The use of dimethyl sulfoxide in the treatment of intractable urinary frequency] Okamura K, et al. **Hinyokika Kiyo** 198

Apr;31(4):627–31 (Eng. Abstr.) (Jpn)

[Dimexide therapy of septic complications in critical states] Bogoiavlenskii IF, et al. **Anesteziol Reanimatol** 1984 Jul–Aug;(4):38–40 (Eng. Abstr.) (Rus)

[Use of dimexide for the local treatment of surface burns] Fil' IuIa. **Klin Khir** 1985 Mar;(3):38–40 (Eng. Abstr.) (Rus)

[Prevention of radiation damage to the bladder and rectum using local application of dimethyl sulfoxide] Zharinov GM, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):16–8 (Eng. Abstr.) (Rus)

[Use of dimethyl sulfoxide (DMSO) for treating flexion contractures in rheumatoid arthritis patients] Murav'ev IuV, et al. **Ter Arkh** 1984;56(9):128–9 (Rus)

[Prevention of post–traumatic immunosuppression with dimexide] Aleksandrov VN. **Vestn Khir** 1985 Feb;134(2):63–4 (Eng. Abstr.) (Rus)

[Dimexide (dimethylsulfoxide) in the treatment of multiple sclerosis] Zingerman LIa. **Zh Nevropatol Psikhiatr** 1984;84(9):1330–3 (Eng. Abstr.) (Rus)

TOXICITY

Application of dimethyl sulfoxide to skin of white and hairless mice. McGraw JL Jr, et al. **J Appl Toxicol** 1985 Feb;5(1):42–3

Aflatoxin and dimethyl sulfoxide influence on radiomanganese distribution and retention in neonate mice. Thompson JS, et al. **J Toxicol Environ Health** 1984;13(4–6):563–74

Long lasting behavioral effects of dimethyl sulfoxide and the 'peripheral' toxicant p–bromophenylacetylurea. Fossom LH, et al. **Neurotoxicology (Little Rock Ar)** 1985 Spring;6(1):17–28

DIMETHYLALLYLTRANSFERASE see under TRANSFERASES

DIMETHYLAMINES

ANALYSIS

Enzymatic activity of activated sludge in biological treatment of wastewater containing dimethylamine, dimethylformamide and methylethylketone. Sztajer H, et al. **Acta Microbiol Pol** 1984;33(2):171–8

Ammonia–like taint and creatine, creatinine and dimethylamine contents in reindeer meat. Rogstadkjaernet M, et al. **Acta Vet Scand** 1985;26(1):143–4

Thermal conversion of trimethylamine–N–oxide to trimethylamine and dimethylamine in squids. Lin JK, et al. **Food Chem Toxicol** 1985 Jun;23(6):579–83

[Effect of heat treatment on the levels of dimethylamine trimethylamine and trimethylamine–N–oxide in squids] Hurng DC, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Feb;84(2):161–7 (Eng. Abstr.) (Chi)

METABOLISM

Determination of body burden of uremic toxins. Ihle BU, et al. **Clin Nephrol** 1984 Aug;22(2):82–9

Biochemical and biological properties of prospective N–nitrodialkylamine metabolites and their derivatives. Frei E, et al. **IARC Sci Publ** 1984;(57):491–7

Absorption, secretion and excretion of dimethylamine in rats. Ishiwata H, et al. **IARC Sci Publ** 1984;(57):255–60

PHARMACODYNAMICS

Interconversion of high and low adenosinetriphosphatase activity forms of Escherichia coli F1 by the detergent lauryldimethylamine oxide. Lötscher HR, et al. **Biochemistry** 1984 Aug 28;23(18):4140–3

TOXICITY

The toxicity of dimethylamine in F–344 rats and B6C3F1 mice following a 1–year inhalation exposure. Buckley LA, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):341–52

DIMETHYLAMINOAZOBENZENE

Dietary carbohydrate level as a modifying factor of 3'–methyl–4–dimethylaminoazobenzene liver carcinogenesis in rats. Sato A, et al. **Gann** 1984 Aug;75(8):665–71

ANALOGS & DERIVATIVES

Transformation of primary cultured and co–cultured adult rat liver cells by 3'–methyl–4–dimethylaminoazobenzene. Miyazaki M, et al. **Acta Med Okayama** 1985 Jun;39(3):231–8

Visible labeling of proteins for polyacrylamide gel electrophoresis with dabsyl chloride. Parkinson D, et al. **Anal Biochem** 1984 Aug 15;141(1):121–6

Chromogenic labeling of monosaccharides using 4'–N,N–dimethylamino–4–aminoazobenzene. Rosenfelder G, et al. **Anal Biochem** 1985 May 15;147(1):156–65

Solid–phase protein and peptide sequencing using either 4–N,N–dimethylaminoazobenzene 4'–isothiocyanate or phenylisothiocyanate. Lu HS, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):48–62

Changes of aldolase A and B messenger RNA levels in rat liver during azo–dye–induced hepatocarcinogenesis. Daimon M, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):337–43

Functional changes in rat liver mitochondria on administration of 2–methyl–4–dimethylaminoazobenzene. Saikumar P, et al. **Biochem J** 1984 Dec 15;224(3):955–60

Studies on microsomal azoreduction. N,N–dimethyl–4–aminoazobenzene (DAB) and its derivatives. Levine WG. **Biochem Pharmacol** 1985 Sep 15;34(18):3259–64

Effect of administration of 2–methyl–4–dimethylaminoazobenzene on the half–lives of rat liver mitochondria and cytochrome oxidase. Saikumar P, et al. **Biochim Biophys Acta** 1985 May 29;840(1):127–33

Use of an in vivo/in vitro rat liver DNA repair assay to predict the relative rodent hepatocarcinogenic potency of 3 new azo mutagens. Beije B, et al. **Carcinogenesis** 1985 Apr;6(4):611–5

Irreversible depression in the ratio of tetraploid:diploid liver nuclei in rats treated with 3'–methyl–4–dimethylaminoazobenzene (3'M). Styles J, et al. **Carcinogenesis** 1985 Jan;6(1):21–8

Decrease in the phosphorylation of the proteins associated with heterogeneous nuclear RNA after the application of 3'–methyl–4–dimethylaminoazobenzene. Ramagli LS, et al. **Chem Biol Interact** 1984 Nov;52(1):51–66

Influence of microsomal and cytosolic fractions from the liver of 4 animal species and man on the mutagenicity of carcinogenic aminoazo dyes and nature of the mutagenicity–enhancing factor in the cytosol from rat liver. Mori Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3641–50

Evidence for the formation of a novel glutathione conjugate in the metabolism of an aromatic amine derivative. Hutson DH, et al. **Drug Metab Dispos** 1984 Jul–Aug;12(4):523–4

Carcinogenic activities of hydroxymethyl derivatives of 4–(dimethylamino)azobenzene in the liver of rats, mice, and hamsters. Mori Y, et al. **Exp Pathol** 1984;26(1):15–9

METABOLISM

Studies on microsomal azoreduction. N,N–dimethyl–4–aminoazobenzene (DAB) and its derivatives. Levine WG. **Biochem Pharmacol** 1985 Sep 15;34(18):3259–64

Effects of butylated hydroxyanisole (BHA) and butylated hydroxytoluene (BHT) on metabolism of N,N–dimethyl–4–aminoazobenzene (DAB) by rat liver microsomes. Levine WG. **Res Commun Chem Pathol Pharmacol** 1984 Oct;46(1):113–20

PHARMACODYNAMICS

4–Dimethylaminoazobenzenes: carcinogenicities and reductive cleavage by microsomal azo reductase. Lambooy JP, et al. **Chem Biol Interact** 1985 Feb–Apr;53(1–2):107–20

Histones after administration of 4–diaminoazobenzene (4–DAB) in growing chick embryos. Sarma DK, et al. **Indian J Exp Biol** 1984 Mar;22(3):126–8

Effect of 4–dimethylaminoazobenzene on DNA of livers of developing chick embryos. Sarma DK, et al. **Indian J Med Res** 1984 Apr;79:520–2

[Glycogen distribution in rat hepatocyte populations after a single exposure to 4–dimethylaminoazobenzine and subsequent injections of phenobarbital] Khodosova IA, et al. **Tsitologiia** 1984 Oct;26(10):1168–73 (Eng. Abstr.) (Rus)

TOXICITY

Comparative chemical mutagenesis; well designed and well assessed. Comparative genetic toxicology: the second UK EMS Collaborative Study. Sobels FH. **Mutat Res** 1985 Aug–Sep;157(2–3):107–10

DIMETHYLAMINONAPHTHALENESULFONYL COMPOUNDS see DANSYL COMPOUNDS

DIMETHYLAMINOPHENAZONE see AMINOPYRINE

7,12–DIMETHYLBENZANTHRACENE see 9,10–DIMETHYL–1,2–BENZANTHRACENE

9,10–DIMETHYL–1,2–BENZANTHRA

Stimulatory effect of 1 alpha, 25–dihydroxyvitamin D3 on the formation of skin tumors in mice treated chronically with 7,12–dimethylbenz[a]anthracene. Wood AW, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):924–31

Malignant transformation of a cloned, nontumorigenic mouse epidermal keratinocyte cell line, MSK–C3H–NU, by 7,12–dimethylbenz(a)anthracene. Indo K, et al. **Cancer Res** 1985 Feb;45(2):774–82

Effect of arginine on the carcinogenicity of 7,12–dimethylbenz[a]–anthracene and N–methyl–N–nitrosourea. Burns RA, et al. **Carcinogenesis** 1984 Dec;5(12):1539–42

Mouse skin melanoma induced in two stage chemical carcinogenesis with 7,12–dimethylbenz[a]anthracene and croton oil. Takizawa H, et al. **Carcinogenesis** 1985 Jun;6(6):921–3

Transplantable chemically–induced liver tumors in the viviparous fish Poeciliopsis. Schultz ME, et al. **Exp Mol Pathol** 1985 Jun;42(3):320–30

Iron exclusion by proliferative foci and neoplastic lesions induced by 7,12–dimethylbenz(a)anthracene in the rat adrenal cortex. Furuya K, et al. **Histochem J** 1985 Feb;17(2):213–21

Chromosome aberrations induced by 7,12–dimethylbenz(a)anthracene in rat bone marrow cells—their relationship to chromosome bands and the influence of erythropoietin. Chattopadhyay SC. **Kobe J Med Sci** 1985 Feb;31(1):1–17

[Effects of immunosuppressive acidic protein on 7,12–dimethylbenzanthracene (DMBA) induced pancreatic cancer in rats] Ejiri T, et al. **Nippon Geka Gakkai Zasshi** 1984 Jun;85(6):555–62 (Eng. Abstr.) (Jpn)

ADMINISTRATION & DOSAGE

The effect of the short dose schedule of DMBA application in inducing lingual neoplasia in inbred Syrian hamsters. Marefat MP. **J Oral Pathol** 1985 May;14(5):383–9

ADVERSE EFFECTS

Alpha tocopherol alters the distribution of Langerhans cells in DMBA–treated hamster cheek pouch epithelium. Schwartz J, et al. **J Dent Res** 1985 Feb;64(2):117–21

Indomethacin and 7,12–dimethylbenz(a)anthracene–induced carcinogenesis in the hamster buccal pouch. Gould AR, et al. **J Oral Pathol** 1985 May;14(5):398–404

Initiation and promotion in experimental oral carcinogenesis. Odukoya O, et al. **Oral Surg Oral Med Oral Pathol** 1984 Sep;58(3):315–20

[Tamoxifen as a suppressor of mammary carcinogenesis induced by 7,12–dimethyl–benzanthracene and methylnitrosourea, in female rats with induced hyperprolactinemia] Sarría JA, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1983;41(3–4):17–25 (Eng. Abstr.) (Spa)

ANALOGS & DERIVATIVES

Resolution and absolute configuration of 7,12–dimethylbenz[a]anthracene 5,6–epoxide enantiomers. Mushtaq M, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):539–45

The carcinogen, 7–hydroxymethyl–12–methylbenz[a]anthracene, is activated and covalently binds to DNA via a sulphate ester. Watabe T, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):3002–5

Covalent binding of 7,12–dimethylbenz(a)anthracene and 10–fluoro–7,12–dimethylbenz(a)anthracene to mouse epidermal DNA and its relationship to tumor–initiating activity. DiGiovanni J, et al. **Cancer Res** 1985 Feb;45(2):591–7

ANALYSIS

Direct enantiomeric resolution of some 7,12–dimethylbenz[a]anthracene derivatives by high–performance liquid chromatography with ionically and covalently bonded chiral stationary phases. Yang SK, et al. **Anal Chem** 1984 Dec;56(14):2658–62

Identification of phenols of 7,12–dimethylbenz[a]anthracene by conversion into their methyl ethers. Morreal CE, et al. **J Chromatogr** 1985 Feb 1;319(2):153–8

ANTAGONISTS & INHIBITORS

[Influence of calcitonin and ACTH 4–10 on the phenomena of mammary tumor induction by a chemical carcinogen, 7,12–dimethylbenzanthracene] Drouhault R, et al. **C R Soc Biol (Paris)** 1984;178(3):278–85 (Eng. Abstr.) (Fre)

METABOLISM

Absolute configuration of the 5,6–oxide formed from 7,12–dimethylbenz[a]anthracene by cytochrome P450c. Balani SK, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):610–6

The effect of the bay–region 12–methyl group on the stereoselective metabolism at the K–region of 7,12–dimethylbenz[a]anthracene by rat liver microsomes. Yang SK, et al. **Biochem J** 1984 Nov 1;223(3):775–82

Biosynthesis of the potent carcinogen 7,12–dimethylbenz[a]anthracene. Flesher JW, et al. **Cancer Lett** 1984 Oct;24(3):335–43

Oxidative metabolism of 7–methylbenz[a]anthracene, 12–methylbenz[a]anthracene and 7,12–dimethylbenz[a]anthracene by rat liver cytosol. Flesher JW, et al. **Cancer Lett** 1985 Feb;26(1):83–8

12–O–tetradecanoylphorbol–13–acetate–induced rapid loss of persistent 7,12–dimethylbenz[a]anthracene–DNA adducts in mouse epidermis and dermis. Randerath K, et al. **Cancer Lett** 1985 May;27(1):35–43

Differential effects of 7,8–benzoflavone on polycyclic aromatic hydrocarbon dependent mutagenesis and cytotoxicity in a keratinocyte cell–mediated mutation assay. Reiners JJ Jr. **Cancer Lett** 1985 Mar;26(2):215–20

Metabolic activation of 7,12–dimethylbenz[a]anthracene in rat mammary tissue: fluorescence spectral characteristics of hydrocarbon–DNA adducts. Vigny P, et al. **Cancer Lett** 1985 Feb;26(1):51–9

Covalent binding of 7,12–dimethylbenz(a)anthracene and 10–fluoro–7,12–dimethylbenz(a)anthracene to mouse epidermal DNA and its relationship to tumor–initiating activity. DiGiovanni J, et al. **Cancer Res** 1985 Feb; 45(2):591-7

Effects of selenium on 7,12-dimethylbenz(a)anthracene-induced mammary carcinogenesis and DNA adduct formation. Ip C, et al. **Cancer Res** 1985 Jan;45(1):61-5

The role of secondary metabolism in the metabolic activation of 7,12-dimethylbenz[a]anthracene by rat liver microsomes. Christou M, et al. **Carcinogenesis** 1984 Oct;5(10):1239-47

Alterations in the metabolism of 7,12-dimethylbenz[a]anthracene and various xenobiotics by rat hepatic microsomes following Sudan III treatment in vivo. O'Dowd JJ, et al. **Carcinogenesis** 1985 Mar; 6(3):469-72

32P-postlabeling analysis of DNA adducts persisting for up to 42 weeks in the skin, epidermis and dermis of mice treated topically with 7,12-dimethylbenz[a]anthracene. Randerath E, et al. **Carcinogenesis** 1985 Aug;6(8):1117-26

Binding and metabolism of benzo[a]pyrene and 7,12-dimethylbenz[a]anthracene by seven purified forms of cytochrome P-450. Wilson NM, et al. **Carcinogenesis** 1984 Nov;5(11):1475-83

Metabolism of 7,12-dimethylbenz(a)anthracene and its DNA adduct formation in human fetal kidney and intestinal cells in culture. Oravec CT, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):76-80

Metabolism of 7,12-dimethylbenz(a)anthracene by alveolar macrophages containing ingested ferric oxide, aluminum oxide or carbon particles. Palmer WG, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):261-70

[Role of supranucleosomal structures of chromatin in the uneven distribution of DNA-bound 7,12-dimethylbenz(a)anthracene metabolites formed in vivo or in the perfused rat liver] Chekulaev VA, et al. **Biokhimiia** 1984 Sep;49(9):1515-22 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Influence of 2-mercaptopropionylglycine on DMBA-induced biochemical changes in regenerating mouse liver: II. Glucose-6-phosphate dehydrogenase, malic enzyme DNA, and protein. Dixit A, et al. **Biochem Int** 1983 Dec;7(6):775-83

Influence of 2-mercaptopropionylglycine on DMBA-induced biochemical changes in regenerating mouse liver: I. Key enzymes of glycolysis and lactate dehydrogenase. Dixit A, et al. **Biochem Int** 1983 Dec; 7(6):695-706

Acid lability of the hydrocarbon-deoxyribonucleoside linkages in 7,12-dimethylbenz[a]anthracene-modified deoxyribonucleic acid. Dipple A, et al. **Biochemistry** 1985 Apr 23;24(9):2291-8

Natural defense and chemical carcinogenesis. Witz IP, et al. **Hamatol Bluttransfus** 1985;29:492-8

Acute effect of DMBA application on mitotic activity of hamster buccal pouch epithelium. Hassan MM, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):491-8

Acute effect of DMBA application on Langerhans cells of the hamster buccal pouch mucosa. Hassan MM, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug;58(2):191-8

Focal smooth muscle proliferation in the aortic intima produced by an initiation-promotion sequence. Majesky MW, et al. **Proc Natl Acad Sci USA** 1985 May; 82(10):3450-4

TOXICITY

Involvement of protease in L-glutamine control of nucleic acid and polyphosphate metabolism in cells transformed by 9,10-dimethyl-1,2-benzanthracene, SV40 and H-ras oncogene. Deffie AM, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):6-13

Carcinogen-induced depletion of cutaneous Langerhans cells. Muller HK, et al. **Br J Cancer** 1985 Jul;52(1):81-5

7,12-Dimethylbenzanthracene induced mammary tumours in Wistar rats by 'air pouch' technique—a new approach. Arun B, et al. **Cancer Lett** 1984 Dec;25(2):187-94

Effects of ellipticine, flavone, and 7,8-benzoflavone upon 7,12-dimethylbenz[a]anthracene, 7,14-dimethyldibenzo[a,h]anthracene and dibenzo[a,h]anthracene initiated skin tumors in mice. Alworth WL, et al. **Carcinogenesis** 1985 Apr;6(4):487-93

A beef-derived mutagenesis modulator inhibits initiation of mouse epidermal tumors by 7,12-dimethylbenz[a]anthracene. Pariza MW, et al. **Carcinogenesis** 1985 Apr;6(4):591-3

Mechanisms of dimethylbenzanthracene-induced immunotoxicity. Dean JH, et al. **Clin Physiol Biochem** 1985; 3(2-3):98-110

Mouse spot tests with dimethylbenz[a]anthracene with and without phenobarbital pretreatment. Shibuya T, et al. **Mutat Res** 1984 Oct;141(2):105-8

Inhibitory action of aminoglutethimide on DMBA-induced mammary carcinogenesis. Rao AR, et al. **Oncology** 1985; 42(2):119-21

Polycyclic aromatic hydrocarbon mutagenesis of human epidermal keratinocytes in culture. Allen-Hoffmann BL, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7802-6

Basis of cellular autonomy in the susceptibility to carcinogenesis. Russo J. **Toxicol Pathol** 1983;11(2):149-66 (95 ref.)

DIMETHYLCYSTEINE see PENICILLAMINE

DIMETHYLDITHIOCARBAMATE see under THIOCARBAMATES

DIMETHYLERGOMETRIN see METHYSERGIDE

DIMETHYLFORMAMIDE

ADVERSE EFFECTS

Hepatic function in subjects exposed to environmental concentrations of DMF lower than the actually proposed TLV. Catenacci G, et al. **G Ital Med Lav** 1984 May-Jul; 6(3-4):157-8

Epidemiological study on workers exposed to low dimethylformamide concentrations. Cirla AM, et al. **G Ital Med Lav** 1984 May-Jul;6(3-4):149-56

Mercapturates in the urine of persons exposed to N,N-dimethylformamide. Bardoděj Z, et al. **J Hyg Epidemiol Microbiol Immunol** 1985;29(2):129-33

Combined effect of some physical and chemical factors. Ivanovich E, et al. **J Hyg Epidemiol Microbiol Immunol** 1985;29(2):105-10

ANALOGS & DERIVATIVES

In vivo metabolism of dimethylformamide and relationship to toxicity in the male rat. Scailteur V, et al. **Arch Toxicol** 1984 Dec;56(2):87-91

ANALYSIS

Enzymatic activity of activated sludge in biological treatment of wastewater containing dimethylamine, dimethylformamide and methylethylketone. Sztajer H, et al. **Acta Microbiol Pol** 1984;33(2):171-8

Monitoring of industrial exposure to dimethylformamide by analysis of alveolar air. Brugnone F, et al. **G Ital Med Lav** 1984 May-Jul;6(3-4):139-41

Dimethylformamide risk. An evaluation in the production of artificial organic leather. Sala C, et al. **G Ital Med Lav** 1984 May-Jul;6(3-4):143-8

METABOLISM

In vivo metabolism of dimethylformamide and relationship to toxicity in the male rat. Scailteur V, et al. **Arch Toxicol** 1984 Dec;56(2):87-91

[Hygienic significance of dimethylformamide penetration through the skin] Bortsevich SV. **Gig Tr Prof Zabol** 1984 Nov;(11):55-7 (Rus)

PHARMACODYNAMICS

Ultrastructural evidence of dimethylformamide-induced differentiation of cultured human colon carcinoma cells. Increased expression of desmosomes. Christensen TG, et al. **Cancer** 1985 Oct 1;56(7):1559-65

Elevated growth factor levels in transformed mouse embryo cells treated with N,N-dimethylformamide. Levine AE, et al. **Cancer Res** 1985 Jan;45(1):108-11

Cell surface features associated with differentiation-induction of methylcholanthrene-transformed AKR-2B fibroblasts by N,N-dimethylformamide. Marks ME, et al. **Cancer Res** 1985 Mar;45(3):1276-84

Variant (MDCK) kidney epithelial cells altered in response to inducers of dome formation and differentiation. Lever JE. **J Cell Physiol** 1985 Jan;122(1):45-52

Expression of YBB 3/10 antigen in human tumor colon cell lines and its induction by N,N-dimethylformamide. Quaroni A. **JNCI** 1985 Mar;74(3):591-602

[Changes induced by dimethylformamide on platelet function and coagulation activity] Longoni P, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2199-205 (Eng. Abstr.) (Ita)

[Changes in lectin-induced agglutination of human tumor cells during the process of their reversion] Viadro MM. **Eksp Onkol** 1985;7(2):46-8 (Eng. Abstr.) (Rus)

POISONING

[Effect of dimethylformamide on the microsomal hydroxylation system in the liver of rats fed diets with different fat contents] Martinchuk AN, et al. **Vopr Pitan** 1984 Nov-Dec;(6):42-6 (Eng. Abstr.) (Rus)

TOXICITY

Subchronic inhalation toxicity of dimethylformamide in rats and mice. Craig DK, et al. **Drug Chem Toxicol** 1984; 7(6):551-71

[Epidemiologic studies of the exposure to dimethylformamide] Berger H, et al. **Z Gesamte Hyg** 1985 Jun;31(6):366-8 (Eng. Abstr.) (Ger)

[Toxicological significance of dimethylformamide] Bittersohl G, et al. **Z Gesamte Hyg** 1985 Jun;31(6):344-6 (0 ref.) (Eng. Abstr.) (Ger)

[Ascorbic acid supply and cytochrome P-450 levels in guinea pig liver after dimethylformamide poisoning] Leshik IaD, et al. **Vopr Pitan** 1984 Sep-Oct;(5):65-7 (Eng. Abstr.) (Rus)

DIMETHYLGUANYLGUANIDINE see METFORMIN

DIMETHYLHYDRAZINES see under METHYLHYDRAZINES

DIMETHYLNITROSAMINE

Postnatal carcinogenic study of dimethylnitrosamine in rats. Sýkora I, et al. **Neoplasma** 1985;32(1):63-72

[Phospholipid composition of tumors and homologous tissues of rats exposed to dimethylnitrosamine] Moskadynova GA, et al. **Eksp Onkol** 1984;6(4):25-8 (Eng. Abstr.) (Rus)

[Biochemical characteristics of major fractions of rat liver cells in dimethylnitrosamine-induced carcinogenesis] Osipova LA, et al. **Vopr Onkol** 1984;30(11):71-6 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

[Carcinogenic effect of N-nitrosodimethylamine after application to rat skin] Benemanskii VV, et al. **Eksp Onkol** 1985;7(2):20-1 (Eng. Abstr.) (Rus)

[Metabolic mechanisms of long-term effects of environmental chemical factors—carcinogenic, embryotoxic, gonadotoxic, mutagenic and gerontologic effects] Merkur'eva RV, et al. **Vestn Akad Med Nauk SSSR** 1985;(1):50-3 (Eng. Abstr.) (Rus)

ANALOGS & DERIVATIVES

Embryotoxicity induced by alkylating agents: left-sided preponderance of paw malformations induced by acetoxymethyl-methylnitrosamine in mice. Bochert G, et al. **Arch Toxicol** 1985 Jan;56(3):139-50

Esophageal microsomal metabolism of N-nitrosomethylbenzylamine in the zinc-deficient rat. Barch DH, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5629-33

Stability of various alpha-esters of 1-(N-methyl-N-nitrosamino)-methanol in vitro and in vivo. Caesar R, et al. **Carcinogenesis** 1984 Oct;5(10):1231-4

Substrate concentration dependency of N-nitrosodimethylamine and N-nitrosomethylbenzylamine metabolism in rat liver. Kawanishi T, et al. **Carcinogenesis** 1985 Jun;6(6):823-7

Formation of O6-methylguanine in rat liver DNA by nitrosamines does not predict initiation of preneoplastic foci. Silinskas KC, et al. **Carcinogenesis** 1985 May; 6(5):773-5

Kinetics of nitrosation of thioproline, the precursor of a major nitroso compound in human urine, and its role as a nitrite scavenger. Tahira T, et al. **Gann** 1984 Oct;75(10):889-94

Tissue and species specificity of the microsomal metabolism of N-nitrosomethylbenzylamine. Mehta R, et al. **IARC Sci Publ** 1984;(57):473-8

Effect of disulfiram on N-nitroso-N-methylbenzylamine metabolism. Biochemical aspects. Schweinsberg F, et al. **IARC Sci Publ** 1984;(57):525-32

Methylation of protein and nucleic acids in vivo: use of trideuteromethylating agents or precursors. Shuker DE, et al. **IARC Sci Publ** 1984;(57):589-94

DNA methylation by N-nitrosomethylbenzylamine in target and non-target tissues of laboratory rodents. Comparison with carcinogenicity. Wiestler OD, et al. **IARC Sci Publ** 1984;(57):595-601

Rapid induction of carcinomas and gamma-glutamyl transpeptidase-rich clones in N-methyl-N-benzylnitrosamine-treated hamster buccal pouch. Solt DB, et al. **JNCI** 1985 Feb;74(2):437-45

The adenoma-carcinoma sequence in AMMN-induced colonic tumors of the rat. Hermanek PJ Jr, et al. **Pathol Res Pract** 1984 Jul;178(6):548-54

Reduction of acetoxymethyl-methylnitrosamine-induced large bowel cancer in rats by indomethacin. Narisawa T, et al. **Tohoku J Exp Med** 1984 Nov;144(3):237-43

[Effect of local moderate hyperthermia in combination with N-nitroso-1,3-bis-(2-chloroethyl)urea (BCNU) and 5-fluoro-(tetrahydro-2-furyl)uracil (ftorafur) on induced autochthonous colonic cancers in the rat. 3: Polychemotherapy in combination with hyperthermia] Biwer E, et al. **Langenbecks Arch Chir** 1984;363(1):5-15 (Eng. Abstr.) (Ger)

[Effect of age on carcinogenesis in female rats induced by methyl (acetoxymethyl) nitrosamine] Anisimov VN, et al. **Vopr Onkol** 1985;31(6):68-73 (Eng. Abstr.) (Rus)

ANALYSIS

[Determination of nitrosamines in salted pollack roe treated with nitrite] Kawasaki Y, et al. **Eisei Shikenjo Hokoku** 1984; (102):134-7 (Eng. Abstr.) (Jpn)

BLOOD

Measurement of nitrosodimethylamine by capillary gas chromatography-mass spectrometry with the 15N-labelled compound as an internal standard. Kosaka H, et al. **Int Arch Occup Environ Health** 1984;54(3):233-9

CHEMICAL SYNTHESIS

Effects of methyl linoleate hydroperoxide and hydrogen peroxide on N-nitrosation of dimethylamine. Kikugawa K, et al. **Food Chem Toxicol** 1985 Mar;23(3):339-42

Rapid formation of N-nitrosodimethylamine from gramine, a naturally occurring precursor in barley malt. Mangino MM, et al. **IARC Sci Publ** 1984;(57):337-46

METABOLISM

Immunochemical studies on the metabolism of nitrosamines by ethanol-inducible cytochrome P-450. Yang CS, et al.

Biochem Biophys Res Commun 1985 Apr 30;128(2):1007–13

The influence of ethanol on synthesis of N–nitrosodimethylamine in vivo and in vitro. Shendrikova IA, et al. **Cancer Lett** 1984 Nov;25(1):49–54

Use of 3,4–dichlorobenzenethiol as a trapping agent for alkylating intermediates during in vitro metabolism of nitrosamines. Kroeger–Koepke MB, et al. **Cancer Res** 1985 Jul;45(7):2973–5

Modulation of repair of O6–methylguanine in parenchymal and nonparenchymal liver cells of rats treated with dimethylnitrosamine. Planche–Martel G, et al. **Cancer Res** 1985 Oct;45(10):4768–73

Effect of phenobarbital and other liver monooxygenase modifiers on dimethylnitrosamine–induced alkylation of rat liver macromolecules. Schwarz M, et al. **Cancer Res** 1985 May;45(5):2020–4

Effects of dietary indoles and isothiocyanates on N–nitrosodimethylamine and 4–(methylnitrosamino)–1–(3–pyridyl)–1–butanone alpha–hydroxylation and DNA methylation in rat liver. Chung FL, et al. **Carcinogenesis** 1985 Apr;6(4):539–43

Substrate concentration dependency of N–nitrosodimethylamine and N–nitrosomethylbenzylamine metabolism in rat liver. Kawanishi T, et al. **Carcinogenesis** 1985 Jun;6(6):823–7

Ethanol and dimethylnitrosamine and diethylnitrosamine metabolism and disposition in the rat. Possible relevance to the influence of ethanol on human cancer incidence. Swann PF, et al. **Carcinogenesis** 1984 Oct;5(10):1337–43

Nafenopin–induced rat liver peroxisome proliferation reduces DNA methylation by N–nitrosodimethylamine in vivo. Wiestler OD, et al. **Carcinogenesis** 1985 Sep;6(9):1309–13

In vivo distribution of dimethylnitrosamine metabolites in mouse liver and their binding to micrococcal nuclease sensitive and resistant chromatin. Klaude M, et al. **Comp Biochem Physiol [C]** 1985;81(1):19–23

Evidence for the metabolism of N–nitrosodimethylamine and carbon tetrachloride by a common isozyme of cytochrome P–450. English JC, et al. **Drug Metab Dispos** 1985 Jul–Aug; 13(4):449–52

Quantitative studies on the in vitro metabolic activation of dimethylnitrosamine by rat liver postmitochondrial supernatant. Doolittle DJ, et al. **Environ Health Perspect** 1984 Aug;57:327–32

Association of nitrosamine–derived radioactivity with nuclear and mitochondrial DNA in mice. Daugherty JP, et al. **Gann** 1985 Mar;76(3):197–201

Biochemical and biological properties of prospective N–nitrodialkylamine metabolites and their derivatives. Frei E, et al. **IARC Sci Publ** 1984;(57):491–7

Metabolism and activation of 1,1–dimethylhydrazine and methylhydrazine, two products of N–nitrosodimethylamine reductive biotransformation. Godoy HM, et al. **IARC Sci Publ** 1984;(57):479–84

In–vivo formation of N–nitrosodimethylamine in humans after amidopyrine intake. Spiegelhalder B, et al. **IARC Sci Publ** 1984;(57):179–83

N–nitrosamine formation by intestinal bacteria. Suzuki K, et al. **IARC Sci Publ** 1984;(57):275–81

Effect of protein diet on age–dependent methylation of liver nuclear components of mice administered N–nitrosodimethylamine. Klaude M, et al. **JNCI** 1984 Oct; 73(4):909–13

[Possibility of N–dimethylnitrosamine formation after parenteral administration of amidopyrine and nitrite to rats] Rubenchik BL, et al. **Eksp Onkol** 1984;6(3):70–1 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Effect of dimethylnitrosamine upon carbamoyl phosphate and ornithine utilization in rat liver. Karsai T, et al. **Anticancer Res** 1985 Jul–Aug;5(4):441–4

Effects of dimethylnitrosamine on RNA synthesis and metabolism in mouse liver. Garyfallides S, et al. **Cancer Res** 1984 Nov;44(11):5110–7

High–performance liquid chromatographic determination of 3–methylcytosine in deoxyribonucleic acid treated with carcinogenic methylating agents in vitro and in vivo. Kawasaki H, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar; 33(3):1170–4

Effects of N–nitrosodimethylamine on tumor susceptibility. Duke SS, et al. **J Leukocyte Biol** 1985 Apr;37(4):383–94

Effects of N–nitrosodimethylamine on cell–mediated immunity. Holsapple MP, et al. **J Leukocyte Biol** 1985 Apr; 37(4):367–81

[Biological characteristics of rat lung cells cultured in a medium with N–nitrosodimethylamine precursors] Osin'kovskaia ND, et al. **Eksp Onkol** 1984;6(6):33–7 (Eng. Abstr.) (Rus)

POISONING

Hepatic extraction of chenodeoxycholic acid in dogs chronically intoxicated with dimethylnitrosamine. Kawasaki S, et al. **Biochem Pharmacol** 1984 Oct 15; 33(20):3219–24

TOXICITY

Formation of O6–methylguanine in rat liver DNA by nitrosamines does not predict initiation of preneoplastic foci. Silinskas KC, et al. **Carcinogenesis** 1985 May; 6(5):773–5

Methylated purines formed in DNA by dimethylnitrosamine in rats previously exposed to hepatotoxic and hepatocarcinogenic regimes: effects on the repair of O6–methylguanine. Cooper DP, et al. **Chem Biol Interact** 1985 May;53(3):283–301 (52 ref.)

Experimental DMNA induced hepatic necrosis: early course of haemostatic disorders in the rat. Cornillon B, et al. **Comp Biochem Physiol [C]** 1985;80(2):277–84

N–nitrosodimethylamine–induced forestomach tumours in male Sprague–Dawley rats fed a zinc–deficient diet. Fong LY, et al. **IARC Sci Publ** 1984;(57):543–6

The mechanism of cocarcinogenic action of ethanol in rat liver. Schwarz M, et al. **IARC Sci Publ** 1984;(56):83–90

Dimethylnitrosamine genotoxicity in rat liver primary cell cultures with low cytochrome P–450 levels. Mendoza–Figueroa T. **J Appl Toxicol** 1984 Dec; 4(6):297–303

Enhancing effect on N–nitrosodimethylamine–induced tumorigenesis by unilateral hydronephrosis. Ohmori T. **JNCI** 1984 Oct;73(4):951–7

Measurement of genotoxic activity in multiple tissues following inhalation exposure to dimethylnitrosamine. Doolittle DJ, et al. **Mutat Res** 1984 Oct;141(2):123–7

Suppressive influence of methemoglobinemia due to nitrite on hepatotoxicosis due to dimethylnitrosamine (DMN) in germ–free rats. Sumi Y, et al. **Prog Clin Biol Res** 1985; 181:301–4

The effect of dimethylnitrosamine on host resistance and immunity. Thomas P, et al. **Toxicol Appl Pharmacol** 1985 Feb;77(2):219–29

DNA breaks induced by micromolar concentrations of dimethylnitrosamine in liver primary cell cultures from untreated and phenobarbital treated rats. Mendoza–Figueroa T, et al. **Toxicology** 1983 May; 27(1):55–69

[Architectonics of the surface of alveolar macrophages] Fetisov VV, et al. **Arkh Anat Gistol Embriol** 1985 Mar; 88(3):84–8 (Eng. Abstr.) (Rus)

[Transplacental effect of sodium nitrite on rat lung cells with their subsequent culture in the medium with precursors of N–nitrosodimethylamine] Osin'kovskaia ND, et al. **Eksp Onkol** 1985;7(2):22–5 (Eng. Abstr.) (Rus)

URINE

In vivo nitrosation of amidopyrine in humans: use of 'ethanol effect' for biological monitoring of N–nitrosodimethylamine in urine. Spiegelhalder B, et al. **Carcinogenesis** 1985 Apr;6(4):545–8

DIMETHYLPOLYSILOXANES see under **SILICONES**

16,16–DIMETHYLPROSTAGLANDIN E2 see under **PROSTAGLANDINS E, SYNTHETIC**

DIMETHYLSTILBESTROL see under **STILBENES**

DIMETHYLTRYPTAMINE see under **TRYPTAMINES**

DIMETRIDAZOLE see under **NITROIMIDAZOLES**

DIMEXIDE see **DIMETHYL SULFOXIDE**

DIMILIN see under **JUVENILE HORMONES**

DIMINAZENE see under **AMIDINES**

DIMYRISTOYLLECITHIN see **DIMYRISTOYLPHOSPHATIDYLCHOLINE**

DIMYRISTOYLPHOSPHATIDYLCH

Modulation of sarcoplasmic reticulum Ca2+–pump activity by membrane fluidity. Almeida LM, et al. **Biochemistry** 1984 Sep 25;23(20):4714–20

Fluorine–19 nuclear magnetic resonance investigation of fluorine–19–labeled phospholipids. 2. A line–shape analysis. Dowd SR, et al. **Biochemistry** 1984 Dec 4;23(25):6142–6

2H NMR evidence for antibiotic–induced cholesterol immobilization in biological model membranes. Dufourc EJ, et al. **Biochemistry** 1985 May 7;24(10):2420–4

Fluorine–19 nuclear magnetic resonance investigation of fluorine–19–labeled phospholipids. 1. A multiple–pulse study. Post JF, et al. **Biochemistry** 1984 Dec 4; 23(25):6138–41

Role of peptide structure in lipid–peptide interactions: high–sensitivity differential scanning calorimetry and electron spin resonance studies of the structural properties of dimyristoylphosphatidylcholine membranes interacting with pentagastrin–related pentapeptides. Surewicz WK, et al. **Biochemistry** 1985 Jun 18;24(13):3135–44

Location and mobility of ubiquinones of different chain lengths in artificial membrane vesicles. Ulrich EL, et al. **Biochemistry** 1985 May 7;24(10):2501–8

Amphotericin and model membranes. The effect of amphotericin B on cholesterol–containing systems as viewed by 2H–NMR. Dufourc EJ, et al. **Biochim Biophys Acta** 1984 Oct 3;776(2):317–29

Lecithin:cholesterol acyltransferase regulation. Effect of fluidity of dimyristoylphosphatidylcholine vesicles. Ellerbe P, et al. **Biochim Biophys Acta** 1985 Jul 25;817(2):282–8

A fluorescence anisotropy study on the phase behavior of dimyristoylphosphatidylcholine/cholesterol mixtures. Smutzer G, et al. **Biochim Biophys Acta** 1985 Apr 11; 814(2):274–80

Effect of the gel–liquid crystalline phase transition on the reduction of cytochrome P–450 reconstituted into dimyristoyl–phosphatidylcholine liposomes. Smettan G, et al. **Biomed Biochim Acta** 1984;43(10):1073–82

Effect of orientational order on the decay of the fluorescence anisotropy in membrane suspensions. Experimental verification on unilamellar vesicles and lipid/alpha–lactalbumin complexes. Ameloot M, et al. **Biophys J** 1984 Oct;46(4):525–39

Phospholipid surface bilayers at the air–water interface. II. Water permeability of dimyristoylphosphatidylcholine surface bilayers. Ginsberg L, et al. **Biophys J** 1985 Feb;47(2 Pt 1):211–5

On the role of lipid–bilayer elasticity for the lipid–protein interaction and the indirect protein–protein coupling. Sackmann E, et al. **Can J Biochem Cell Biol** 1984 Aug; 62(8):778–88

Studies of synthetic peptide analogs of the amphipathic helix. Structure of complexes with dimyristoyl phosphatidylcholine. Anantharamaiah GM, et al **J Biol Chem** 1985 Aug 25;260(18):10248–55

Studies of synthetic peptide analogs of the amphipathic helix. Correlation of structure with function. Chung BH, et al. **J Biol Chem** 1985 Aug 25;260(18):10256–62

Geometric requirements for membrane perturbation and anesthetic activity. Conformational analysis of alphaxalone and delta 16–alphaxalone and 2H NMR studies on their interactions with model membranes. Fesik SW, et al. **Mol Pharmacol** 1985 Jun;27(6):624–9

METABOLISM

Local anesthetic–phospholipid interactions. The pH dependence of the binding of dibucaine to dimyristoylphosphatidylcholine vesicles. Eftink MR, et al. **Biochim Biophys Acta** 1985 Feb 28;813(1):137–40

Formation of phospholipid–rich HDL: a model for square–packing lipoprotein particles found in interstitial fluid and in abetalipoproteinemic plasma. Forte TM, et al. **Biochim Biophys Acta** 1985 May 17;834(3):386–95

Influence of the protein conformation on the interaction between alpha–lactalbumin and dimyristoylphosphatidylcholine vesicles. Hanssens I, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):154–64

Thermotropic behavior of dimyristoylphosphatidylcholine in the presence of cytochrome c oxidase. Chen CH, et al. **Biopolymers** 1985 May;24(5):883–95

Formation of water–soluble complex between the 1–34 fragment of parathyroid hormone and dimyristoylphosphatidylcholine. Epand RM, et al. **Int J Pept Protein Res** 1985 Jun;25(6):594–600

[Effect of phosphatidylglycerol on the incorporation process of cytochrome P–450 in liposomes from dimyristoylphosphatidylcholine] Akhrem AA, et al. **Biokhimiia** 1985 Jan;50(1):97–101 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Effects of lipid environment on the light–induced conformational changes of rhodopsin. 1. Absence of metarhodopsin II production in dimyristoylphosphatidylcholine recombinant membranes. Baldwin PA, et al. **Biochemistry** 1985 May 21; 24(11):2624–32

DINITOLMIDE see under **BENZAMIDES**

DINITROBENZENES see under **NITROBENZENES**

DINITROCHLOROBENZENE see under **NITROBENZENES**

DINITROCRESOLS see under **CRESOLS**

DINITROFLUOROBENZENE see under **NITROBENZENES**

DINITROPHENOLS

IMMUNOLOGY

Selective depression of thymus–independent anti–DNP antibody responses induced by adult but not neonatal splenectomy. Gray D, et al. **Clin Exp Immunol** 1985 Apr; 60(1):78–86

[Interaction of xenobiotics and serum albumin as a specialized evolutionally conditioned protective mechanism] Lulk AI, et al. **Dokl Akad Nauk SSSR** 1985;282(2):474–6 (Rus)

METABOLISM

Bioconcentration and metabolism of picric acid (2,4,6–trinitrophenol) and picramic acid (2–amino–4,6–dinitrophenol) in rainbow trout Salmo gairdneri. Cooper KR, et al. **J Toxicol Environ Health** 1984; 14(5–6):731–47

PHARMACODYNAMICS

Effects of dinitrophenol on phosphorylase a activity, adenine nucleotide levels and tension in rabbit colon smooth muscle. Pettersson G. **Acta Pharmacol Toxicol (Copenh)** 1985 Apr; 56(4):302–8

Long-term effects of dinoseb and paraquat, both individually and combined, on embryonic development and hatching success of Fasciola hepatica miracidia. Christian FA, et al. **Arch Environ Contam Toxicol** 1985 Mar;14(2):149-52

Experimentally induced defects of mitochondrial metabolism in rat skeletal muscle. Biological effects of the mitochondrial uncoupling agent 2,4-dinitrophenol. Byrne E, et al. **Biochem J** 1985 Jul 1;229(1):101-8

Hypothermic effect of 2,4-dinitrophenol infused ICV in the cat. Beleslin DB, et al. **Brain Res Bull** 1984 Sep;13(3):461-3

Hapten-specific prophylaxis of murine contact sensitivity by DNP-amino acid derivatives. Katayama I, et al. **Int Arch Allergy Appl Immunol** 1985;76(2):101-6

Protein secretion by the rat epididymis can be selectively modified in vitro by local anesthetics, glucose deprivation, dinitrophenol, ouabain, and ionophores. Brooks DE. **J Androl** 1984 Sep-Oct;5(5):351-60

Generation of a large, protonophore-sensitive proton motive force and pH difference in the acidophilic bacteria Thermoplasma acidophilum and Bacillus acidocaldarius. Michels M, et al. **J Bacteriol** 1985 Jan;161(1):231-7

Pharmacological study on the effects of some ocular hypotensive drugs on aqueous humor formation in the arterially perfused enucleated rabbit eye. Kodama T, et al. **Ophthalmic Res** 1985;17(2):120-4

Effects of increasing metabolism by 2,4-dinitrophenol on respiration and pulmonary gas exchange in the duck. Geiser J, et al. **Respir Physiol** 1984 Jul;57(1):1-14

[Effect of carrageenan, galactose and 2,4-dinitrophenol on leukocyte phagocytosis of Staphylococcus aureus and E. coli] Stelzner A, et al. **Allerg Immunol (Leipz)** 1984; 30(4):212-21 (Eng. Abstr.) **(Ger)**

[Effect of hydrophobic compounds on rRNA synthesis in intact cells and isolated nuclei] Akhlynina TV, et al. **Biol Nauki** 1985;(4):27-31 (Eng. Abstr.) **(Rus)**

[Changes in mitochondrial lipid composition in hypoxia in the presence of a dinitrophenol uncoupler] Dekutovich GV, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):26-8 (Eng. Abstr.) **(Rus)**

POISONING

Effect of propranolol in dinitrophenol poisoning. Issekutz B Jr. **Arch Int Pharmacodyn Ther** 1984 Dec;272(2):310-9

[Protective effect of phenobarbital in dinitrophenol poisoning] Luk'ianchuk VD. **Farmakol Toksikol** 1984 Sep-Oct;47(5):100-3 **(Rus)**

TOXICITY

[Detoxication of dinitrophenol pesticides] Rozvaga RI, et al. **Gig Sanit** 1985 Jun;(6):27-9 (Eng. Abstr.) **(Rus)**

DINOFLAGELLATES

ANALYSIS

Occurrence of phosphatidylsulfocholine, the sulfonium analog of phosphatidylcholine in some diatoms and algae. Bisseret P, et al. **Biochim Biophys Acta** 1984 Dec 6; 796(3):320-7

GENETICS

Identification and characterization of a polyadenylated small RNA (s-poly A+ RNA) in dinoflagellates. Reddy R, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):552-7

METABOLISM

Ichthyotoxism by a paralytic toxin produced by marine dinoflagellates of the genus Ceratium: relationship to fraction beta isolated from the sponge Tedania ignis. Mijares AJ, et al. **Toxicon** 1985;23(2):221-33

Distribution of paralytic toxins in California shellfish. Whitefleet-Smith JL, et al. **Toxicon** 1985;23(2):346-9

PHYSIOLOGY

Compartmentalization of algal bioluminescence: autofluorescence of bioluminescent particles in the dinoflagellate Gonyaulax as studied with image-intensified video microscopy and flow cytometry. Johnson CH, et al. **J Cell Biol** 1985 May;100(5):1435-46

DIOCTOPHYMA

Centrarchid fish as paratenic hosts of the giant kidney worm, Dioctophyma renale (Goeze, 1782), in Ontario, Canada. Measures LN, et al. **J Wildl Dis** 1985 Jan;21(1):11-9

DIOCTOPHYMA RENALE INFECTIONS

DIAGNOSIS

[Dioctophyma infection in humans] Vibe PP. **Med Parazitol (Mosk)** 1985 Jan-Feb;(1):83-4 **(Rus)**

PATHOLOGY

Dioctophyma-like larval nematode in a subcutaneous nodule from man in Northern Thailand. Beaver PC, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):1032-4

DIOCTYL SULFOSUCCINATES see under **SUCCINATES**

DIODONE see **IODOPYRACET**

DIOLEFINS see **ALKADIENES**

DIOSGENIN see under **SAPOGENINS**

DIOSMIN see under **BIOFLAVONOIDS**

DIOXANES see under **DIOXINS**

DIOXINS

Dioxin: lessons from the Missouri experience. **Bull Environ Contam Toxicol** 1984 Dec;33(6):631-734

Formation, occurrence and analysis of polychlorinated dibenzofurans, dioxins and related compounds. Buser HR. **Environ Health Perspect** 1985 May;60:259-67

Formation of polychlorinated dibenzofurans and dioxins during combustion, electrical equipment fires and PCB incineration. Hutzinger O, et al. **Environ Health Perspect** 1985 May;60:3-9 (39 ref.)

Synthesis and pharmacological evaluation of some WB4101 analogues bearing a naphthodioxanic nucleus. Castagnino E, et al. **Farmaco [Sci]** 1984 Jul;39(7):569-74

Molecular interactions of toxic chlorinated dibenzo-p-dioxins and dibenzofurans with thyroxine binding prealbumin. McKinney JD, et al. **J Med Chem** 1985 Mar;28(3):375-81

Effects of substituents on the cytosolic receptor-binding avidities and aryl hydrocarbon hydroxylase induction potencies of 7-substituted 2,3-dichlorodibenzo-p-dioxins. A quantitative structure-activity relationship analysis. Denomme MA, et al. **Mol Pharmacol** 1985 Jun;27(6):656-61

ADVERSE EFFECTS

Human effects of TCDD exposure. Hobson LB. **Bull Environ Contam Toxicol** 1984 Dec;33(6):696-701

Immunologic effects of TCDD exposure in humans. Knutsen AP. **Bull Environ Contam Toxicol** 1984 Dec;33(6):673-81 (35 ref.)

Searching for genetic effects of toxic chemicals: chromosomal aberration and sister chromatid exchange. Monteleone P. **Bull Environ Contam Toxicol** 1984 Dec; 33(6):710-25 (4 ref.)

Dioxin in Missouri: 1971-1983. Powell RL. **Bull Environ Contam Toxicol** 1984 Dec;33(6):648-54

The psychosocial impact of environmental disasters. Reko K. **Bull Environ Contam Toxicol** 1984 Dec;33(6):655-61

Lessons for living in a chemical world. Selikoff IJ. **Bull Environ Contam Toxicol** 1984 Dec;33(6):682-95 (1 ref.)

The pilot Missouri health effect study. Webb KB. **Bull Environ Contam Toxicol** 1984 Dec;33(6):662-72

Determination and measurement of human exposure to the dibenzo-p-dioxins. Young AL. **Bull Environ Contam Toxicol** 1984 Dec;33(6):702-9

The Agent Orange controversy in Australia: a contribution to the debate. Hall W, et al. **Community Health Stud** 1985; 9(2):109-19

Urinary D-glucaric acid excretion in the Seveso area, polluted by tetrachloro-dibenzo-p-dioxin (TCDD): five years of experience. Idéo G, et al. **Environ Health Perspect** 1985 May;60:151-7

Medical surveillance of exposed persons after exposure to PCBs, chlorinated dibenzodioxins and dibenzofurans after PCB transformer or capacitor incidents. Schecter A. **Environ Health Perspect** 1985 May;60:333-8

Cutaneous histologic findings in chemical workers with and without chloracne with past exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin. Moses M, et al. **J Am Acad Dermatol** 1985 Mar;12(3):497-506

Health implications of 2,3,7,8-tetrachlorodibenzodioxin (TCDD) contamination of residential soil. Kimbrough RD, et al. **J Toxicol Environ Health** 1984;14(1):47-93 (126 ref.)

Vietnam veterans risk for fathering children with birth defects [letter] Sterling TD, et al. **JAMA** 1985 Aug 2; 254(5):609-10

An agent orange: case history. Fleck H. **Milit Med** 1985 Feb; 150(2):103-4

Dioxin: a medical perspective. Lumb G. **Pa Med** 1985 Apr; 88(4):54-7

Concomitant photocontact allergy to a benzophenone derivative and a sunscreen preservative, 6-acetoxy-2,4,-dimethyl-m-dioxane. Kalimo K, et al. **Photodermatol** 1984 Dec;1(6):315-7

Design and execution of a very large birth-defects case-control study. Erickson JD, et al. **Prog Clin Biol Res** 1985;163B:273-7

Pregnancy outcome in the Seveso area after TCDD contamination. Fara GM, et al. **Prog Clin Biol Res** 1985; 163B:279-85

Chloracne, 'the hallmark of dioxin intoxication'. Suskind RR. **Scand J Work Environ Health** 1985 Jun;11(3 Spec No):165-71

ANALYSIS

Moderate-power helium plasma as an element-selective detector for gas chromatography of dioxins and other halogenated compounds. Haas DL, et al. **Anal Chem** 1985 Apr;57(4):846-51

Isomer-selective determination of tetrachlorodibenzo-p-dioxins using hydroxyl negative ion chemical ionization mass spectrometry combined with high-resolution gas chromatography. Oehme M, et al. **Anal Chem** 1984 Dec;56(14):2754-9

Determination of part-per-trillion levels of polychlorinated dibenzofurans and dioxins in environmental samples. Smith LM, et al. **Anal Chem** 1984 Sep;56(11):1830-42

Isolation of polychlorinated dibenzodioxins and polychlorinated dibenzofurans from a complex organic mixture by two-step liquid chromatographic fractionation for quantitative analysis. Tong HY, et al. **Anal Chem** 1984 Nov;56(13):2442-7

The clean-up begins. Schreiber R. **Bull Environ Contam Toxicol** 1984 Dec;33(6):726-34

Analysis of polychlorinated dibenzofurans, dioxins and related compounds in environmental samples. Buser HR, et al. **Environ Health Perspect** 1985 May;60:293-302

Assessment of human exposure to polychlorinated dibenzofurans and dioxins. Rappe C, et al. **Environ Health Perspect** 1985 May;60:303-4

Occupational exposure to polychlorinated dioxins, polychlorinated furans, polychlorinated biphenyls, and biphenylenes after an electrical panel and transformer accident in an office building in Binghamton, NY. Schecter A, et al. **Environ Health Perspect** 1985 May;60:305-13

Patient fat biopsies for chemical analysis and liver biopsies for ultrastructural characterization after exposure to polychlorinated dioxins, furans and PCBs. Schecter A, et al. **Environ Health Perspect** 1985 May;60:241-54

Polychlorinated dibenzo-p-dioxins and dibenzofurans in fly ash and cinders collected from several municipal incinerators in Japan. Wakimoto T, et al. **Environ Health Perspect** 1985 Feb;59:159-62

Characteristics of an extraction and purification procedure for chlorinated dibenzo-p-dioxins and dibenzofurans in soil and liver. Albro PW, et al. **J Chromatogr** 1984 Nov 16; 312:165-82

Study of chlorinated diphenyl ethers and chlorinated 2-phenoxyphenols as interferences in the determination of chlorinated dibenzo-p-dioxins and chlorinated dibenzofurans in biological samples. Ryan JJ, et al. **J Chromatogr** 1984 Nov 2;303(2):351-60

The public health response to 2,3,7,8-TCDD environmental contamination in Missouri. Stehr PA, et al. **Public Health Rep** 1985 May-Jun;100(3):289-93

[Environmental pollution with polychlorinated dibenzo-p-dioxins by chemical plants producing chlorophenols and herbicides of the phenoxyderivative group] Górski T. **Rocz Panstw Zakl Hig** 1984;35(5):467-8 (Eng. Abstr.) **(Pol)**

[Presence of polychlorinated dibenzo-P-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) in cigarette ash and pharmaceutical charcoal] Górski T. **Rocz Panstw Zakl Hig** 1984;35(3):239-41 (Eng. Abstr.) **(Pol)**

ANTAGONISTS & INHIBITORS

Inhibition of TCDD-induced lipid peroxidation, glutathione peroxidase activity and toxicity by BHA and glutathione. Hassan MQ, et al. **Bull Environ Contam Toxicol** 1985 Jun; 34(6):787-96

Prevention of TCDD toxicity in laboratory rodents by addition of charcoal or cholic acids to chow. Manara L, et al. **Food Chem Toxicol** 1984 Oct;22(10):815-8

CHEMICAL SYNTHESIS

2-[[[2-(2,6-Dimethoxyphenoxy)ethyl]amino]-methyl] -1,4-benzoxathian: a new antagonist with high potency and selectivity toward alpha 1-adrenoreceptors. Melchiorre C, et al. **J Med Chem** 1984 Dec;27(12):1535-6

ISOLATION & PURIFICATION

Antitumor agents, 65. Brusatol and cleomiscosin-A, antileukemic principles from Brucea javanica. Lee KH, et al. **J Nat Prod** 1984 May-Jun;47(3):550-1

METABOLISM

A hydroxylapatite microassay for receptor binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 3-methylcholanthrene in various target tissues. Poellinger L, et al. **Anal Biochem** 1985 Feb 1;144(2):371-84

The influence of soil particle adsorption on 2,3,7,8-tetrachlorodibenzo-p-dioxin biological uptake in the rabbit. Bonaccorsi A, et al. **Arch Toxicol [Suppl]** 1984; 7:431-4

Computer-assisted image analysis to quantify regional and specific receptor ligand binding: upregulation of [3H]QNB and [3H]WB4101 binding in denervated hippocampus. Tayrien MW, et al. **Brain Res Bull** 1984 Dec;13(6):743-50

Ah receptor in primate liver: binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin and carcinogenic aromatic hydrocarbons. Okey AB, et al. **Can J Physiol Pharmacol** 1984 Oct;62(10):1292-5

Influence of phenobarbital and TCDD on the hepatic metabolism of TCDD in the dog. Poiger H, et al. **Experientia** 1985 Mar 15;41(3):376-8

Location of Ah receptor for dioxin [letter] Shear NH, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):663-4

Specific binding of [3H]WB 4101, [3H]clonidine and [3H]dihydroalprenolol in cerebral cortical membranes in developing, adult and old rats. Kawai M, et al.

Jpn J Pharmacol 1984 Oct;36(2):265–7

Control of 2,3,7,8-tetrachlorodibenzo-p-dioxin binding protein(s) in the hamster kidney. Kurl RN, et al. **Pharmacology** 1985;30(5):245–54

A metabolite of riboflavin binds to the 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) receptor. Kurl RN, et al. **Pharmacology** 1985;30(5):241–4

Persistence of some polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans of pentachlorophenol in human adipose tissue. Górski T, et al. **Rocz Panstw Zakl Hig** 1984;35(4):297–301

[Effect of the chronic use of propranolol on the specific binding of 3H-WB-4101 with the membranes of the mesenteric vessels in rats] Ismailov ShI, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):38–40 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Hemodynamic effects of a new alpha- and beta-adrenergic receptor inhibitor with calcium entry blocking effects (CGS 10078B) in WKY and SHR rats. Gallo A, et al. **Am J Med Sci** 1985 Aug;290(2):47–51

Genetically mediated induction of aryl hydrocarbon hydroxylase activity in human lymphoblastoid cells by polychlorinated dibenzofuran isomers and 2,3,7,8-tetrachlorodibenzo-p-dioxin. Nagayama J, et al. **Arch Toxicol** 1985 Feb;56(4):230–5

Genetically mediated induction of aryl hydrocarbon hydroxylase activity in mice by polychlorinated dibenzofuran isomers and 2,3,7,8-tetrachlorodibenzo-p-dioxin. Nagayama J, et al. **Arch Toxicol** 1985 Feb;56(4):226–9

TCDD (2,3,7,8-tetrachlorodibenzo-p-dioxin) causes increases in protein kinases particularly protein kinase C in the hepatic plasma membrane of the rat and the guinea pig. Bombick DW, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):296–302

Regional linkage analysis of the dioxin-inducible P-450 gene family on mouse chromosome 9. Hildebrand CE, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):396–406

Pharmacological activity of ACC-7513, a selective alpha-adrenoceptor and 5-hydroxytryptamine receptor blocking agent. Anderson WG, et al. **Br J Pharmacol** 1985 Apr;84(4):793–800

Evidence for a peripheral component in the sympatholytic effect of clonidine in rats. Brown MJ, et al. **Br J Pharmacol** 1984 Nov;83(3):657–65

Selectivity and potency of 2-alkyl analogues of the alpha 2-adrenoceptor antagonist idazoxan (RX 781094) in peripheral systems. Doxey JC, et al. **Br J Pharmacol** 1984 Nov;83(3):713–22

2-Alkyl analogue of idazoxan (RX 781094) with enhanced antagonist potency and selectivity at central alpha 2-adrenoceptors in the rat. Gadie B, et al. **Br J Pharmacol** 1984 Nov;83(3):707–12

Release of ferrous iron from ferritin by liver microsomes: a possible role in the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin. Rowley B, et al. **Can J Biochem Cell Biol** 1984 Dec;62(12):1293–300

Metabolic and haemodynamic effects of alpha 2-adrenoceptor stimulation and antagonism in man. Brown MJ, et al. **Clin Sci** 1985;68 Suppl 10:137s–139s

Effects of desipramine on stimulation-induced contractions of the vas deferens of rats pretreated either chronically with desipramine or acutely with idazoxan. Doxey JC, et al. **Clin Sci** 1985;68 Suppl 10:155s–159s

Inducing potency of aryl hydrocarbon hydroxylase activity in human lymphoblastoid cells and mice by polychlorinated dibenzofuran congeners. Nagayama J, et al. **Environ Health Perspect** 1985 Feb;59:107–12

Mechanism of action of toxic halogenated aromatics. Vickers AE, et al. **Environ Health Perspect** 1985 Feb;59:121–8 (102 ref.)

Idazoxan (RX 781094) selectively antagonizes alpha 2-adrenoceptors on rat central neurons. Freedman JE, et al. **Eur J Pharmacol** 1984 Oct 15;105(3–4):265–72

[3H]WB4101 labels S1 serotonin receptors in rat cerebral cortex. Norman AB, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):461–2

The effect of yohimbine, WY 26392 and idazoxan on sympathetic nerve activity. Ramage AG, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):153–60

Synthesis and pharmacological evaluation of some WB4101 analogues bearing a naphthodioxanic nucleus. Castagnino E, et al. **Farmaco [Sci]** 1984 Jul;39(7):569–74

Comparison of the flanking regions and introns of the mouse 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible cytochrome P1-450 and P3-450 genes. Gonzalez FJ, et al. **J Biol Chem** 1985 Apr 25;260(8):5040–9

Biochemical and genetic analysis of variant mouse hepatoma cells which overtranscribe the cytochrome P1-450 gene in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin. Jones PB, et al. **J Biol Chem** 1984 Oct 25;259(20):12357–63

2,3,7,8-Tetrachlorodibenzo-p-dioxin: examination of biochemical effects involved in the proliferation and differentiation of XB cells. Knutson JC, et al. **J Cell Physiol** 1984 Oct;121(1):143–51

Pattern of steroid interaction with inducers of aryl hydrocarbon hydroxylase activity in several cloned estradiol-responsive stromal cell strains from mouse endometrium. Stols L, et al. **J Cell Physiol** 1985 Jun;123(3):395–400

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces hyperplasia in confluent cultures of human keratinocytes. Milstone LM, et al. **J Invest Dermatol** 1984 May;82(5):532–4

Histologic changes produced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the skin of mice carrying mutations that affect the integument. Poland A, et al. **J Invest Dermatol** 1984 Dec;83(6):454–9

Structure-activity relationships for prazosin and WB 4101 analogues as alpha 1-adrenoreceptor antagonists. Giardinà D, et al. **J Med Chem** 1985 Sep;28(9):1354–7

Alpha-adrenoreceptor reagents. 3. Synthesis of some 2-substituted 1,4-benzodioxans as selective presynaptic alpha 2-adrenoreceptor antagonists. Stillings MR, et al. **J Med Chem** 1985 Aug;28(8):1054–62

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the uptake, distribution and excretion of a single oral dose of [11,12-3H]retinyl acetate and on the vitamin A status in the rat. Håkansson H, et al. **J Nutr** 1985 Jun;115(6):759–71

Assignment of the human 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible cytochrome P1-450 gene to chromosome 15. Hildebrand CE, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):2009–16

Effects of in vivo-administered 2,3,7,8-tetrachlorodibenzo-p-dioxin on receptor binding of epidermal growth factor in the hepatic plasma membrane of rat, guinea pig, mouse, and hamster. Madhukar BV, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7407–11

Cloning and characterization of cDNAs encoding 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible rabbit mRNAs for cytochrome P-450 isozymes 4 and 6. Okino ST, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5310–4

Human dioxin-inducible cytochrome P1-450: complementary DNA and amino acid sequence. Jaiswal AK, et al. **Science** 1985 Apr 5;228(4695):80–3

Control of cytochrome P1-450 gene expression by dioxin. Jones PB, et al. **Science** 1985 Mar 22;227(4693):1499–502

Analysis of Ah gene locus by somatic cell hybridization: expression of Ah regulatory gene product for 2,3,7,8,-tetrachlorodibenzo-p-dioxin in mouse L-cell x mouse hepatoma cell hybrids. Dufresne MJ, et al. **Somatic Cell Mol Genet** 1985 Jan;11(1):53–61

Regulation of epidermal growth factor binding in a human keratinocyte cell line by 2,3,7,8-tetrachlorodibenzo-p-dioxin. Hudson LG, et al. **Toxicol Appl Pharmacol** 1985 Feb;77(2):251–9

Body weight regulation in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin. Seefeld MD, et al. **Toxicol Appl Pharmacol** 1984 Dec;76(3):526–36

Inducible aldehyde dehydrogenases from rat liver cytosol. Simpson VJ, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):193–203

POISONING

An evaluation of reports of dioxin exposure and soft tissue sarcoma pathology among chemical workers in the United States. Fingerhut MA, et al. **Scand J Work Environ Health** 1984 Oct;10(5):299–303

[What is dioxin?] Schou JS. **Ugeskr Laeger** 1985 May 20;147(21):1701–2 **(Dan)**

RADIATION EFFECTS

Decomposition of toxic and environmentally hazardous 2,3,7,8-tetra-chlorodibenzo-p-dioxin by gamma irradiation. Buser HR, et al. **Experientia** 1985 Aug 15;41(8):1082–4

THERAPEUTIC USE

[Clinical evaluation of the therapeutic efficacy of a new antiphlogistic and mucus-regulating drug, guaimesal, in acute and chronic bronchopneumopathies] Bandera M, et al. **Clin Ter** 1984 Sep 15;110(5):455–61 (Eng. Abstr.) **(Ita)**

[Gunimesal capsules in the treatment of exacerbated chronic bronchitis] Ghiringhelli G. **Clin Ter** 1984 Sep 30;110(6):533–9 (Eng. Abstr.) **(Ita)**

TOXICITY

Changes in testosterone hydroxylase activity in rat testis following administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin. Mittler JC, et al. **Ann NY Acad Sci** 1984;438:645–8

Effects of vitamins E and A on 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced lipid peroxidation and other biochemical changes in the rat. Hassan MQ, et al. **Arch Environ Contam Toxicol** 1985 Jul;14(4):437–42

Alteration of rat hepatic plasma membrane functions by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). Matsumura F, et al. **Arch Environ Contam Toxicol** 1984 Sep;13(5):509–15

Absence of lipid peroxidation as determined by ethane exhalation in rats treated with 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin (TCDD). Robertson LW, et al. **Arch Toxicol** 1985 Apr;57(1):13–6

Hexadecane increases the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): is brown adipose tissue the primary target in TCDD-induced wasting syndrome? Rozman K. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):996–1004

Continued depression of hepatic uroporphyrinogen decarboxylase activity caused by hexachlorobenzene or 2,3,7,8-tetrachlorodibenzo-p-dioxin despite regeneration after partial hepatectomy. Smith AG, et al. **Biochem Pharmacol** 1985 May 15;34(10):1817–20

The epidemiology and toxicology of TCDD. Kimbrough RD. **Bull Environ Contam Toxicol** 1984 Dec;33(6):636–47

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) promotes the transformation of C3H/10T1/2 cells. Abernethy DJ, et al. **Carcinogenesis** 1985 Apr;6(4):651–3

Effect of herbicide 2,4,5-trichlorophenoxyethanol (TCPE) containing dioxin on mutation and induction of sister chromatid exchanges. Tóth K, et al. **Carcinogenesis** 1984 Dec;5(12):1725–8

Japan-U.S. Joint seminar on toxicity of chlorinated biphenyls, dibenzofurans, dibenzodioxins, and related compounds. April 25–28, 1983, Fukuoka, Japan. **Environ Health Perspect** 1985 Feb;59:1–181

Toxicity of chlorinated aromatic compounds in animals and humans: in vitro approaches to toxic mechanisms and risk assessment. Greenlee WF, et al. **Environ Health Perspect** 1985 May;60:69–76 (41 ref.)

Toxicity and fetotoxicity of TCDD, TCDF and PCB isomers in rhesus macaques (Macaca mulatta). McNulty WP. **Environ Health Perspect** 1985 May;60:77–88 (35 ref.)

Mechanisms of the biological effects of PCBs, polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans in experimental animals. Neal RA. **Environ Health Perspect** 1985 May;60:41–6 (43 ref.)

Immunotoxicologic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in rabbits. Sharma RP, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4–5):321–8

Suppression of humoral antibody production by exposure to 1,2,3,6,7,8-hexachlorodibenzo-p-dioxin. Holsapple MP, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):518–26

Dietary selenium, glutathione peroxidase activity, and toxicity of 2,3,7,8-tetrachloro-dibenzo-p-dioxin. Hassan MQ, et al. **J Toxicol Environ Health** 1985;15(3–4):405–15

Effect of thyroidectomy and thyroxine on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced immunotoxicity. Pazdernik TL, et al. **Life Sci** 1985 Feb 18;36(7):695–703

Fetal thymus organ culture as an in vitro model for the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin and its congeners. Dencker L, et al. **Mol Pharmacol** 1985 Jan;27(1):133–40

Hepatotoxic doses of dioxin do not damage mouse bone marrow chromosomes. Meyne J, et al. **Mutat Res** 1985 Jul;157(1):63–9

Assessing the risk of dioxin exposure [letter] Hay A, et al. **Nature** 1985 May 9–15;315(6015):102–3

Mechanisms of environmentally induced cleft palate. Pratt RM, et al. **Prog Clin Biol Res** 1985;163C:283–7

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced cleft palate in the mouse: evidence for alterations in palatal shelf fusion. Pratt RM, et al. **Teratogenesis Carcinog Mutagen** 1984;4(5):427–36

Toxic interaction of specific polychlorinated biphenyls and 2,3,7,8-tetrachlorodibenzo-p-dioxin: increased incidence of cleft palate in mice. Birnbaum LS, et al. **Toxicol Appl Pharmacol** 1985 Feb;77(2):292–302

Dose-related effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in C57BL/6J and DBA/2J mice. Chapman DE, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):147–57

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) enhances terminal differentiation of cultured human epidermal cells. Osborne R, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):434–43

Polychlorinated aromatic hydrocarbon lethality, mixed-function oxidase induction, and uroporphyrinogen decarboxylase inhibition in the chick embryo: dissociation of dose-response relationships. Rifkind AB, et al. **Toxicol Appl Pharmacol** 1985 Apr;78(2):268–79

Comparative toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in four (sub)strains of adult male rats. Walden R, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):490–5

Teratogenesis study of dioxane in rats. Giavini E, et al. **Toxicol Lett** 1985 Jul;26(1):85–8

Separation of wasting syndrome and lethality caused by 2,3,7,8-tetrachlorodibenzo-p-dioxin. Rozman K. **Toxicol Lett** 1984 Sep;22(3):279–85

Teratogenic potency of TCDD, TCDF and TCDD-TCDF combinations in C57BL/6N mice. Weber H, et al. **Toxicol Lett** 1985 Aug;26(2-3):159–67

Effects of BHA, d-alpha-tocopherol and retinol acetate on TCDD-mediated changes in lipid peroxidation, glutathione peroxidase activity and survival. Stohs SJ, et al. **Xenobiotica** 1984 Jul;14(7):533–7

[Dioxins] van der Heijden CA, et al. **Ned Tijdschr Geneeskd** 1984 Oct 20;128(42):1989–95 **(Dut)**

[Toxicological characteristics of dioxin in brief] Karakchiev NI. **Voen Med Zh** 1985 Mar;(3):74–5 (0 ref.) **(Rus)**

DIOXOLANES see under **DIOXOLES**

DIOXOLES

New synthetic carriers for enzymes. Mauz O, et al. **Ann NY Acad Sci** 1984;434:251–3

ANALYSIS

Quantitative analysis of alph , beta-thujone, pulegone, safrole, coumarin and beta-asarone in alcoholic beverages by selected-ion monitoring. Galli CL, et al. **J Appl Toxicol** 1984 Oct;4(5):273-6

Spectrofluorodensitometric determination of diphyllin, a cystostatic lignan isolated from Cleistanthus collinus. Annapoorani KS, et al. **Pharmazie** 1984 Oct;39(10):716-7

CHEMICAL SYNTHESIS

Syntheses of apogalanthamine analogs as alpha-adrenergic blocking agents. VIII. Syntheses of 4- and 9-bromo-5,6,7,8-tetrahydrodibenz[c,e]azocines and their methylenedioxy derivatives. Kihara M, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar;33(3):1260-5

Structure-activity relationship of 3- and 4-acyloxy-1-(1,3-dioxolan-4-ylmethyl)piperidine derivatives. Yoshida S, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):818-22

[Synthesis and biological activity of new compounds with the 1,3-dioxol(4,5-g)quinoline structure] Pellerano C, et al. **Farmaco [Sci]** 1984 Jul;39(7):640-8 (Eng. Abstr.) (Ita)

METABOLISM

Autoradiographic localization of muscarinic agonist binding sites in the rat central nervous system with (+)-cis-[3H]methyldioxolane. Yamamura HI, et al. **Brain Res** 1985 Jan 28;325(1-2):340-4

Further characterization of the DNA adducts formed by electrophilic esters of the hepatocarcinogens 1'-hydroxysafrole and 1'-hydroxyestragole in vitro and in mouse liver in vivo, including new adducts at C-8 and N-7 of guanine residues. Wiseman RW, et al. **Cancer Res** 1985 Jul;45(7):3096-105

32P-post-labelling analysis of DNA adducts formed in the livers of animals treated with safrole, estragole and other naturally-occurring alkenylbenzenes. II. Newborn male B6C3F1 mice. Phillips DH, et al. **Carcinogenesis** 1984 Dec;5(12):1623-8

32P-post-labelling analysis of DNA adducts formed in the livers of animals treated with safrole, estragole and other naturally-occurring alkenylbenzenes. I. Adult female CD-1 mice. Randerath K, et al. **Carcinogenesis** 1984 Dec;5(12):1613-22

Interactions of safrole and isosafrole and their metabolites with cytochromes P-450. Ioannides C, et al. **Chem Biol Interact** 1985 May;53(3):303-11

Stiripentol kinetics in epilepsy: nonlinearity and interactions. Levy RH, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):661-9

Absorption, distribution, excretion and metabolism of domiodol. Ohtsuki T, et al. **Farmaco [Prat]** 1984 Sep;39(9):291-309

Comparison of percutaneous absorption of fragrances by humans and monkeys. Bronaugh RL, et al. **Food Chem Toxicol** 1985 Jan;23(1):111-4

Autoradiographic distribution of [3H]dexoxadrol (a phencyclidine-related ligand) binding sites in rat and human brain. Pilapil C, et al. **Neurosci Lett** 1985 May 1;56(1):1-6

Ligand-complex formation between cytochromes P-450 and P-448 and methylenedioxyphenyl compounds. Delaforge M, et al. **Xenobiotica** 1985 Apr;15(4):333-42

Induction of rat-hepatic microsomal cytochrome P-450 and aryl hydrocarbon hydroxylase by 1,3-benzodioxole derivatives. Murray M, et al. **Xenobiotica** 1985 May;15(5):361-8

[Isolation and identification of the urinary metabolite of biphenyl dimethyl dicarboxylate] Wang XL, et al. **Yao Hsueh Hsueh Pao** 1984 Feb;19(2):90-5 (Eng. Abstr.) (Chi)

[Determination of acetylcholine by inhibition of the specific binding of tritiated cis-methyldioxolane: application to the study of the effects of acetylcholine accumulation in a murine neuroblastoma culture] Blanchet G, et al. **C R Soc Biol (Paris)** 1984;178(5):526-34 (Eng. Abstr.) (Fre)

PHARMACODYNAMICS

2,2-Dimethyl-5-t-butyl-1,3-benzodioxole: an unusual inducer of microsomal enzymes. Cook JC, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):3941-6

Inhibition of rabbit nasal and hepatic cytochrome P-450-dependent hexamethylphosphoramide (HMPA) N-demethylase by methylenedioxyphenyl compounds. Dahl AR, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):631-6

Effects of tubulozole on the microtubule system of cells in culture and in vivo. Geuens GM, et al. **Cancer Res** 1985 Feb;45(2):733-42

Structure-function studies with derivatives of 6-benzyl-1,3-benzodioxole, a new class of synthetic compounds which inhibit tubulin polymerization and mitosis. Batra JK, et al. **Mol Pharmacol** 1985 Jan;27(1):94-102

Effects of phencyclidine (PCP)-like drugs on turning behavior, 3H-dopamine uptake, and 3H-PCP binding. Johnson KM, et al. **Pharmacol Biochem Behav** 1985 May;22(5):731-5

Spectral and inhibitory interactions of methylenedioxyphenyl and related compounds with purified isozymes of cytochrome P-450. Marcus CB, et al. **Xenobiotica** 1985 Apr;15(4):351-62

Selective inhibitory interactions of alkoxymethylenedioxybenzenes towards mono-oxygenase activity in rat-hepatic microsomes. Murray M, et al. **Xenobiotica** 1985 May;15(5):369-79

Effect of promethazine and isosafrole on rat-hepatic microsomal mono-oxygenase activity: comparison with classic inducers phenobarbitone and beta-naphthoflavone. Taylor G, et al. **Xenobiotica** 1985 Mar;15(3):243-9

THERAPEUTIC USE

The Kidney Invasion Test: an assay allowing macroscopic quantification of malignant invasion in vivo. Comparison between the microtubule inhibitor tubulozole and the podophyllotoxin congener etoposide (VP-16-213). Distelmans W, et al. **Invasion Metastasis** 1985;5(3):170-84

TOXICITY

[Mutagenic and gonadotoxic properties of trioxane and dioxolane] Barański B, et al. **Med Pr** 1984;35(4):245-55 (Eng. Abstr.) (Pol)

URINE

[Isolation and identification of the urinary metabolite of biphenyl dimethyl dicarboxylate] Wang XL, et al. **Yao Hsueh Hsueh Pao** 1984 Feb;19(2):90-5 (Eng. Abstr.) (Chi)

DIPALMITOYL LECITHIN see **PULMONARY SURFACTANT**

DIPALMITOYL PHOSPHATIDYLCHOLINE see **PULMONARY SURFACTANT**

DIPEPTIDASES

ANTAGONISTS & INHIBITORS

Carbapenems, a new class of beta-lactam antibiotics. Discovery and development of imipenem/cilastatin. Birnbaum J, et al. **Am J Med** 1985 Jun 7;78(6A):3-21

Pharmacokinetics of imipenem-cilastatin in neonates. Freij BJ, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):431-5

Single-dose pharmacokinetics of imipenem-cilastatin in neonates. Gruber WC, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):511-4

Pharmacokinetics of imipenem and cilastatin in patients with cystic fibrosis. Reed MD, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):583-8

Safety and efficacy of high-dose treatment with imipenem-cilastatin in seriously ill patients. Zajac BA, et al. **Antimicrob Agents Chemother** 1985 May;27(5):745-8

Inhibition of rat and human prolidases by captopril. Ganapathy V, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1287-91

Imipenem/cilastatin therapy of serious infections: a U.S. multicenter noncomparative trial. Calandra GB, et al. **Clin Ther** 1985;7(2):225-38

Mutual pro-drugs of the olivanic acids and renal dipeptidase inhibitors. Basker MJ, et al. **J Antibiot (Tokyo)** 1985 Jan;38(1):70-4

Primaxin in the treatment of acute bacterial pneumonia in adults. Gebhart RJ, et al. **J Antimicrob Chemother** 1985 Feb;15(2):233-8

BLOOD

Fluorometric assay of human serum carnosinase activity in normal children, adults and patients with myopathy. Bando K, et al. **Ann Clin Biochem** 1984 Nov;21 (Pt 6):510-4

Functional characteristics of leukotriene C4- and D4-metabolizing enzymes (gamma-glutamyl transpeptidase, dipeptidase) within human plasma. Köller M, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):56-62

Plasma prolidase in the rat: no index of liver fibrosis [letter] Zuyderhoudt FM, et al. **Clin Chem** 1985 Apr;31(4):662

Measurement of prolidase activity in erythrocytes using isotachophoresis. Mikasa H, et al. **J Chromatogr** 1984 Oct 12;310(2):401-6

DEFICIENCY

Pathogenesis of ulcerations in deficiency of prolidase. The role of angiopathy and of deposits of amyloid. Pierard GE, et al. **Am J Dermatopathol** 1984 Oct;6(5):491-7

Clinical and biochemical characteristics of prolidase deficiency in siblings. Freij BJ, et al. **Am J Med Genet** 1984 Nov;19(3):561-71

Prolidase deficiency: characteristics of human skin fibroblast prolidase using colorimetric and fluorimetric assays. Priestman DA, et al. **Clin Chim Acta** 1984 Sep 29;142(2):263-71

Prolidase deficiency: detection of cases by a newborn urinary screening programme. Lemieux B, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:145-6

Homocarnosinosis. Symposium in honor of James F. Lenney. **J Oslo City Hosp** 1985 Feb-Mar;35(2-3):25-46

Carnosinase and homocarnosinosis. Lenney JF. **J Oslo City Hosp** 1985 Feb-Mar;35(2-3):27-40 (50 ref.)

An autopsy case of prolidase deficiency. Sekiya M, et al. **Virchows Arch [A]** 1985;406(1):125-31

GENETICS

Further regional localization of the genes for human acid alpha glucosidase (GAA), peptidase D (PEPD), and alpha mannosidase B (MANB) by somatic cell hybridization. Martiniuk F, et al. **Hum Genet** 1985;69(2):109-11

ISOLATION & PURIFICATION

Beta-lactamase activity of purified and partially characterized human renal dipeptidase. Campbell BJ, et al. **J Biol Chem** 1984 Dec 10;259(23):14586-90

METABOLISM

Characterization of human tissue carnosinase. Lenney JF, et al. **Biochem J** 1985 Jun 15;228(3):653-60

Relationship between cell density and prolidase activity in human skin fibroblasts: effects of ascorbate and fructose. Myara I, et al. **Biochimie** 1984 Jun;66(6):445-9

Swine uterus carnosinase activity in oestrous cycle and early pregnancy. Jablonowska C, et al. **Comp Biochem Physiol [B]** 1985;80(2):381-3

Some biochemical properties of swine uterus carnosinase. Wolos A, et al. **Comp Biochem Physiol [B]** 1985;80(1):135-8

Metabolism of leukotrienes by L-gamma-glutamyl-transpeptidase and dipeptidase from human polymorphonuclear granulocytes. Raulf M, et al. **Immunology** 1985 May;55(1):135-47

Studies of rat brain metabolism using proton nuclear magnetic resonance: spectral assignments and monitoring of prolidase, acetylcholinesterase, and glutaminase. Middlehurst CR, et al. **J Neurochem** 1984 Dec;43(6):1561-7

Bacterial wall peptidoglycan, DD-peptidases and beta-lactam antibiotics. Ghuysen JM, et al. **Scand J Infect Dis [Suppl]** 1984;42:17-37

[Homocarnosinase activity in the rat brain areas kidneys under different states of hyperbarooxygenation] Krichevskaia AA, et al. **Ukr Biokhim Zh** 1985 Mar-Apr;57(2):69-72 (Eng. Abstr.) (Rus)

URINE

A fluorometric method for dipeptidase activity measurement in urine, using L-alanyl-L-alanine as substrate. Ito Y, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):1-8

DIPEPTIDES

The interaction of metal ions with nucleic acids. Ternary complexes of copper(II) with peptides and nucleosides. Maskos K. **Acta Biochim Pol** 1985;32(1):13-25

The design and properties of N-carboxyalkyldipeptide inhibitors of angiotensin-converting enzyme. Patchett AA, et al. **Adv Enzymol** 1985;57:1-84 (188 ref.)

Copper(II)- and iron(II)-complexes of methyl 2-(2-aminoethyl)-aminomethyl-pyridine-6-carboxyl-histi (AMPHIS), a peptide mimicking the metal-chelating moiety of bleomycin. An ESR investigation. Hénichart JP, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1036-41

Transport of glutathione by intestinal brush border membrane vesicles. Linder M, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):929-36

Determination of peptide conformation via vibrational coupling: application to diastereoisomeric alanyl dipeptides. Diem M, et al. **Biopolymers** 1984 Oct;23(10):1917-30

The chemistry of enalapril. Patchett AA. **Br J Clin Pharmacol** 1984;18 Suppl 2:201S-207S (19 ref.)

The refined 2.2-A (0.22-nm) X-ray crystal structure of the ternary complex formed by bovine trypsinogen, valine-valine and the Arg15 analogue of bovine pancreatic trypsin inhibitor. Bode W, et al. **Eur J Biochem** 1984 Oct 1;144(1):185-90

Inhibitors of an enkephalin degrading membrane-bound metalloendopeptidase: analgesic properties and effects on striatal enkephalin levels. Murthy LR, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):305-13

Conformation and hydrogen bonding of N-formylmethionyl peptides. Parallel beta-sheet in the crystal structure of N-formyl-L-methionyl-L-valine. Chatterjee A, et al. **Int J Pept Protein Res** 1984 Nov;24(5):447-52

Conformational influences of N2-methylation in chemotactic peptides. Jeffs PW, et al. **Int J Pept Protein Res** 1984 Nov;24(5):442-6

Structure and conformation of linear peptides. I. Structure of L-tyrosyl-L-tyrosine. Subramanian E, et al. **Int J Pept Protein Res** 1984 Jul;24(1):55-9

Acceptability of aspartame- and saccharin-sweetened fruits to users and nonusers of artificial sweeteners. Kunkel ME, et al. **J Am Diet Assoc** 1985 Sep;85(9):1143-5

Structure of alahopcin (nourseimycin), a new dipeptide antibiotic. Horii S, et al. **J Antibiot (Tokyo)** 1985 Mar;38(3):302-11

Vanoxonin, a new inhibitor of thymidylate synthetase. II. Structure determination and total synthesis. Kanai F, et al. **J Antibiot (Tokyo)** 1985 Jan;38(1):31-8

Phosphorous-containing analogues of aspartame. Nelson V, et al. **J Pharm Sci** 1984 Dec;73(12):1844-6

Dipeptides as inhibitors of the gelation of sickle hemoglobin. Noguchi CT, et al. **Mol Pharmacol** 1985 Jul;28(1):40-4

ADMINISTRATION & DOSAGE

Comparative systemic and renal effects of dopamine and angiotensin-converting enzyme inhibition with enalaprilat in patients with heart failure. Maskin CS, et al. **Circulation** 1985 Oct;72(4):846-52

Serum concentration and effects of a single dose of enalapril maleate in patients with essential hypertension. Shionoiri H, et al. **Jpn Circ J** 1985 Jan;49(1):46-51

Neuropeptides differentially effect various forms of morphine tolerance. Ritzmann RF, et al. **Neuropeptides** 1985 Jun; 6(3):255-8

ADVERSE EFFECTS

Interaction of aspartame and carbohydrates in an eating-disordered patient [letter] Ferguson JM. **Am J Psychiatry** 1985 Feb;142(2):271

Aspartame-induced granulomatous panniculitis. Novick NL. **Ann Intern Med** 1985 Feb;102(2):206-7

Tolerance and safety of enalapril. McFate Smith W, et al. **Br J Clin Pharmacol** 1984;18 Suppl 2:249S-255S

Initial dose of enalapril in hypertension. Webster J, et al. **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1623-4

Phenelzine and the dream machine--ramblings and reflections [editorial] Shader RI, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):65

Aspartame. Review of safety issues. Council on Scientific Affairs. **JAMA** 1985 Jul 19;254(3):400-2

Prolonged hypotension after fever during enalapril treatment [letter] Coulshed DJ, et al. **Lancet** 1985 Jul 27;2(8448):222

Safety of angiotensin-converting-enzyme inhibitors [letter] Currie WJ, et al. **Lancet** 1985 Mar 9;1(8428):580-1

Aspartame may imperil dietary control of phenylketonuria [letter] Güttler F, et al. **Lancet** 1985 Mar 2;1(8427):525-6

Safety of angiotensin-converting-enzyme inhibitors [letter] Hill JF. **Lancet** 1985 Apr 6;1(8432):820

Relative safety of angiotensin-converting-enzyme inhibitors [letter] Richardson PJ. **Lancet** 1985 Jun 8;1(8441):1344

Evaluation of consumer complaints related to aspartame use. **MMWR** 1984 Nov 2;33(43):605-7

ANALYSIS

Penamaldate assay: improved methodology for the quantitation of penicilloic acids, penicilloyl amides and penicilloyl esters. Rolli H, et al. **Arzneimittelforsch** 1984; 34(10):1247-9

Synthesis of three N-nitroso dipeptides N-terminal in proline and a method for their determination in food. Tricker AR, et al. **Food Addit Contam** 1984 Oct-Dec;1(4):307-12

The structure of phosalacine, a new herbicidal antibiotic containing phosphinothricin. Omura S, et al. **J Antibiot (Tokyo)** 1984 Aug;37(8):939-40

On the interaction of Cu2+ with the heavy dipeptide Gly-Trp. Nascimento OR, et al. **J Inorg Biochem** 1985 Jan;23(1):13-27

Identification of an acidic dipeptide, beta-aspartylglycine, in the CNS of Aplysia. McCaman MW, et al. **J Neurochem** 1984 Nov;43(5):1375-84

S beta-(2-histidyl)cysteine: properties, assay, and occurrence. Lerch K. **Methods Enzymol** 1984;106:355-9

The N epsilon-(gamma-glutamic)lysine cross-link: method of analysis, occurrence in extracellular and cellular proteins. Loewy AG. **Methods Enzymol** 1984;107:241-57

Histidinoalanine: a naturally occurring cross-linking amino acid. Sass RL, et al. **Methods Enzymol** 1984;106:351-5

Determination of the decomposition products of Usal in model systems and determination of dioxopiperazine in soft drinks by HPLC. Prudel M, et al. **Nahrung** 1985;29(4):381-9

[The constituents of the Chinese drug 'ti-ku-'pi'. I. Isolation and constitution of lyciumamide, a new dipeptide] Noguchi M, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3584-7 (Eng. Abstr.) (Ger)

BIOSYNTHESIS

Synthesis of the novel dipeptide beta-aspartylglycine by Aplysia ganglia. McCaman MW, et al. **J Neurochem** 1985 Sep;45(3):983-6

Carnosine synthesis in olfactory tissue during ontogeny: effect of exogenous beta-alanine. Margolis FL, et al. **J Neurochem** 1985 May;44(5):1459-64

BLOOD

Assimilation of alpha-glutamyl-peptides by human erythrocytes. A possible means of glutamate supply for glutathione synthesis. King GF, et al. **Biochem J** 1985 May 1;227(3):833-42

Dipeptidyl peptidase IV of human lymphocytes. Evidence for specific hydrolysis of glycylproline p-nitroanilide in T-lymphocytes. Schön E, et al. **Biochem J** 1984 Oct 1; 223(1):255-8

IgG purification to measure the level of an iodinated thyroglobulin peptide, the 3,5,3',5' tetraiodo-l-tyrosyl-l-tyrosine in human serum. Bernard D, et al. **Experientia** 1985 Mar 15;41(3):385-7

CHEMICAL SYNTHESIS

Synthesis of D-Ala--D-Ala analogues with postulated antibacterial activity. Loennechen T, et al. **Acta Chem Scand [B]** 1984;38(8):647-55

Reactions of the aminoacyl-tRNA synthetase-aminoacyl adenylate complex and amino acid derivatives. A new approach to peptide synthesis. Nakajima H, et al. **Biochim Biophys Acta** 1984 Oct 23;790(2):197-9

Amino acids and peptides. IV. Synthesis and analgesic effects of Tyr-containing dipeptide phenethylamides. Maeda M, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4157-60

Structure and synthesis of WB-3559 A, B, C and D, new fibrinolytic agents isolated from Flavobacterium sp. Uchida I, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):424-7

Peptide sweeteners. 6. Structural studies on the C-terminal amino acid of L-aspartyl dipeptide sweeteners. Tsang JW, et al. **J Med Chem** 1984 Dec;27(12):1663-8

Synthesis of N2-[(S)-1-carboxy-3-phenylpropyl]-L-lysyl-L-proline (lisinopril). Wu MT, et al. **J Pharm Sci** 1985 Mar; 74(3):352-4

[Synthesis of dipeptide derivatives of indomethacin as potential antagonists of chemotactic compounds] Kolwas J, et al. **Acta Pol Pharm** 1984;41(5):541-6 (Eng. Abstr.) (Pol)

DIAGNOSTIC USE

Immediate converting-enzyme inhibition with intravenous enalapril in chronic congestive heart failure. Kubo SH, et al. **Am J Cardiol** 1985 Jan 1;55(1):122-6

beta-Aspartylglycine during antibiotic induced dysbacteriosis of intestinal microflora in the rat. Chakhava OV, et al. **Prog Clin Biol Res** 1985;181:159-61

Rationale for use of beta-aspartylglycine as indicator of colonization resistance. Welling GW, et al. **Prog Clin Biol Res** 1985;181:155-8

IMMUNOLOGY

The immunomodulatory property of a novel synthetic compound adamantylamide dipeptide. Masek K, et al. **Methods Find Exp Clin Pharmacol** 1984 Nov;6(11):667-9

ISOLATION & PURIFICATION

Cysteinyl-cysteine and the microsomal protein from which it is derived act as reducing cofactor for prolyl hydroxylase. Chauhan U, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):277-83

LL-BM726: a novel dipeptide antibiotic. Ellestad GA, et al. **J Antibiot (Tokyo)** 1985 Apr;38(4):541-3

Alahopcin, a new dipeptide antibiotic produced by Streptomyces albulus subsp. ochragerus subsp. nov. Higashide E, et al. **J Antibiot (Tokyo)** 1985 Mar; 38(3):285-95

Phosalacine, a new herbicidal antibiotic containing phosphinothricin. Fermentation, isolation, biological activity and mechanism of action. Omura S, et al. **J Antibiot (Tokyo)** 1984 Aug;37(8):829-35

N epsilon-(beta-aspartyl)lysine. Klostermeyer H. **Methods Enzymol** 1984;107:258-61

METABOLISM

Dipeptide transport in brush-border membrane vesicles isolated from normal term human placenta. Ganapathy ME, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):83-6

Net release or uptake of histidine and carnosine in kidney of dogs. Cianciaruso B, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E51-7

Transport of glycyl-L-proline by mouse intestinal brush-border membrane vesicles. Rajendran VM, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G682-6

A metabolite of aspartame inhibits angiotensin converting enzyme. Grobelny D, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):960-4

Kinetics and mechanism of in vitro uptake of amino-beta-lactam antibiotics by rat small intestine and relation to the intact-peptide transport system. Nakashima E, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3345-52

Binding of N-carboxymethyl dipeptide inhibitors to thermolysin determined by X-ray crystallography: a novel class of transition-state analogues for zinc peptidases. Monzingo AF, et al. **Biochemistry** 1984 Nov 20; 23(24):5724-9

Transport of carnosine by mouse intestinal brush-border membrane vesicles. Rajendran VM, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):443-8

Proton-coupled transport of glycylglycine in rabbit renal brush-border membrane vesicles. Takuwa N, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):186-90

Pharmacokinetics of repeated single oral doses of enalapril maleate (MK-421) in normal volunteers. Till AE, et al. **Biopharm Drug Dispos** 1984 Jul-Sep;5(3):273-80

Enalapril (MK421) activation in man: importance of liver status. Larmour I, et al. **Br J Clin Pharmacol** 1985 May; 19(5):701-4

Amino acid and dipeptide absorption in rats fed chemically defined diets of differing fiber composition. Freeman HJ. **Can J Physiol Pharmacol** 1984 Sep;62(9):1097-101

Uptake of a series of neutral dipeptides including L-alanyl-L-alanine, glycylglycine and glycylsarcosine by hamster jejunum in vitro. Matthews DM, et al. **Clin Sci** 1984 Nov;67(5):541-9

Effects of neuromuscular blockers on carnosine levels in rat skeletal muscle. Thomsen W, et al. **Experientia** 1985 Mar 15;41(3):374-5

Recent aspartame studies. Sadler MJ. **Food Chem Toxicol** 1984 Sep;22(9):771-3

Trapping of the substrate-derived acyl enzyme intermediate of purified penicillin-binding protein 1a of Escherichia coli. Amanuma H, et al. **J Bacteriol** 1984 Nov;160(2):824-5

gamma-Glutamylcysteine and thiosulfate are the major low-molecular-weight thiols in halobacteria. Newton GL, et al. **J Bacteriol** 1985 Jan;161(1):438-41

A fluorometric method for dipeptidase activity measurement in urine, using L-alanyl-L-alanine as substrate. Ito Y, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):1-8

Pharmacokinetics and pharmacodynamics of enalapril in patients with congestive heart failure and patients with hypertension. Schwartz JB, et al. **J Cardiovasc Pharmacol** 1985 Jul-Aug;7(4):767-76

Dipeptides of glutamate and aspartate may be endogenous neuroexcitants in the rat hippocampal slice. Bernstein J, et al. **J Neurosci** 1985 Jun;5(6):1429-33

The utilization of carnosine in rats fed on a histidine-free diet and its effect on the levels of tissue histidine and carnosine. Tamaki N, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Dec;30(6):541-51

Homocarnosinosis. Symposium in honor of James F. Lenney. **J Oslo City Hosp** 1985 Feb-Mar;35(2-3):25-46

Carnosinase and homocarnosinosis. Lenney JF. **J Oslo City Hosp** 1985 Feb-Mar;35(2-3):27-40 (50 ref.)

Influence of food on the bioavailability of enalapril. Swanson BN, et al. **J Pharm Sci** 1984 Nov;73(11):1655-7

Disposition of enalapril in the perfused rat intestine-liver preparation: absorption, metabolism and first-pass effect. Pang KS, et al. **J Pharmacol Exp Ther** 1985 Jun; 233(3):788-95

Absorption, metabolism, and excretion studies of carbon 14- and tritium-labeled derivatives of a ketomethylene containing tripeptide. Almquist RG, et al. **Life Sci** 1985 Jul 29;37(4):299-305

Intestinal absorption studies with glycyl-proline, glycine and ethanol in rats infected with Eimeria nieschulzi. Heading CE, et al. **Life Sci** 1985 Jul 29;37(4):395-402

Subcellular distribution of the immunoreactive peptide histidine isoleucine in the rat brain and release from synaptosomes in vitro. Inoue T, et al. **Neurosci Lett** 1985 Jun 12;57(2):165-8

Regulation of cellular function by products of lysosomal enzyme activity: elimination of human natural killer cells by a dipeptide methyl ester generated from L-leucine methyl ester by monocytes or polymorphonuclear leukocytes. Thiele DL, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2468-72

[Proteases from the enterocytes of the porcine small intestine. Role of aminopeptidase N in the transport of dipeptides] Vorotyntseva TI, et al. **Biokhimiia** 1984 Nov; 49(11):1854-61 (Eng. Abstr.) (Rus)

[Homocarnosine in the brain of rats during cold adaptation] Bondarenko TI, et al. **Fiziol Zh SSSR** 1985 Mar;71(3):333-6 (Eng. Abstr.) (Rus)

[Homocarnosine levels in various regions of the rat brain and blood in hypoxia and after hyperbaric oxygenation] Krichevskaia AA, et al. **Vopr Med Khim** 1985 Jan-Feb; 31(1):74-6 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Clinical pharmacology and therapeutic applications of the new oral converting enzyme inhibitor, enalapril. Riley LJ Jr, et al. **Am Heart J** 1985 May;109(5 Pt 1):1085-9 (48 ref.)

Inhibition of angiotensin converting enzyme by 2-[N-[(S)-1-carboxy-3-phenylpropyl]-L-alanyl]-(1S,3S,5 [3.3.0]octane-3-carboxylic acid (Hoe 498 diacid). Comparison with captopril and enalaprilat. Bünning P. **Arzneimittelforsch** 1984;34(10B):1406-10

Effects of oxytocin and a derivative (Z-prolyl-D-leucine) on morphine tolerance/withdrawal are mediated by the limbic system. Kovács GL, et al. **Behav Brain Res** 1984 Oct;14(1):1-8

Ketomethyldipeptides II. Effect of modifications of the alpha-aminoketone portion on inhibition of angiotensin converting enzyme. Gordon EM, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):148-55

Ketomethyldipeptides I. A new class of angiotensin converting enzyme inhibitors. Natarajan S, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):141-7

Effect of glycyl-L-phenylalanine 2-naphthylamide on invertase endocytosed by rat liver. Jadot M, et al. **Biochem J** 1985 Feb 1;225(3):645-8

An interactive computer graphics study of thermolysin-catalyzed peptide cleavage and inhibition by N-carboxymethyl dipeptides. Hangauer DG, et al. **Biochemistry** 1984 Nov 20;23(24):5730-41

The effect of amino acids and dipeptides on sodium-ion transport in rat enterocytes. Cheeseman CI, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):767-73

Stimulation of intralysosomal proteolysis by cysteinyl-glycine, a product of the action of gamma-glutamyl transpeptidase on glutathione. Mego JL. **Biochim Biophys Acta** 1985 Aug 16;841(2):139-44

An overview of the clinical pharmacology of enalapril. Davies RO, et al. **Br J Clin Pharmacol** 1984;18 Suppl 2:215S-229S (84 ref.)

Plasma enalapril levels and hormonal effects after short- and long-term administration in essential hypertension. Johnston CI, et al. **Br J Clin Pharmacol** 1984;18 Suppl 2:233S-241S

Effect of converting enzyme inhibition by enalapril on sodium homeostasis in the rat. Jover B, et al. **Br J Clin Pharmacol** 1984;18 Suppl 2:209S–214S

Effects of repeated doses of enalapril on renal function in man. McNabb WR, et al. **Br J Clin Pharmacol** 1985 Mar; 19(3):353–61

Systolic blood pressure responses to enalapril maleate (MK 421, an angiotensin converting enzyme inhibitor) and hydrochlorothiazide in conscious Dahl salt-sensitive and salt-resistant rats. Sharma JN, et al. **Can J Physiol Pharmacol** 1984 Jul;62(7):846–9

Potentiation of cytotoxic activity of immunotoxins on cultured human cells. Akiyama S, et al. **Cancer Res** 1985 Mar;45(3):1005–7

Angiotensin converting enzyme blockade and thirst. DiNicolantonio R. **Clin Exp Hypertens [A]** 1984; 6(10–11):2025–9

Influence of the converting enzyme inhibitors Hoe 498, enalapril and captopril on vascular reactivity of isolated arterial preparations. Schölkens BA, et al. **Clin Exp Hypertens [A]** 1984;6(10–11):1807–13

Hemodynamic and humoral responses to enalapril and nifedipine in the rat. Vincent ME, et al. **Clin Exp Hypertens [A]** 1984;6(8):1485–97

Diuretic and haemodynamic effects of MK 447 in normotensive and hypertensive sheep. Humphery TJ, et al. **Clin Exp Pharmacol Physiol** 1984 Sep–Oct;11(5):483–7

Potentiation of the inhibitory effect of a thromboxane A2 antagonist (L–640,035) on arterial thrombosis formation in rabbit by the angiotensin converting enzyme inhibitor enalapril. Chan CC, et al. **Eur J Pharmacol** 1985 Apr 16; 110(3):323–8

Analgesic effects of kelatorphan, a new highly potent inhibitor of multiple enkephalin degrading enzymes. Fournie–Zaluski MC, et al. **Eur J Pharmacol** 1984 Jul 20; 102(3–4):525–8

Specific labelling of brain receptors with [3H]N–acetyl–aspartyl–glutamate. Koller KJ, et al. **Eur J Pharmacol** 1984 Sep 3;104(1–2):193–4

Converting–enzyme inhibitor administration lowers urinary free 19–nor–deoxycorticosterone levels. Griffing GT, et al. **Hypertension** 1985 Mar–Apr;7(2):178–81

Influence of captopril and enalapril on regional vascular alpha–adrenergic receptor reactivity in SHR. Richer C, et al. **Hypertension** 1984 Sep–Oct;6(5):666–74

Impairment of granulomatous inflammatory response to Histoplasma capsulatum by inhibitors of angiotensin–converting enzyme. Deepe GS Jr, et al. **Infect Immun** 1985 May;48(2):395–401

Use of aspartame in pregnancy. Sturtevant FM. **Int J Fertil** 1985;30(1):85–7 (20 ref.)

Vanoxonin, a new inhibitor of thymidylate synthetase. III. Inhibition of thymidylate synthetase by vanoxonin–vanadium complex. Kanai F, et al. **J Antibiot (Tokyo)** 1985 Jan;38(1):39–50

Novel inducers of the xylan–degrading enzyme system of Cryptococcus albidus. Biely P, et al. **J Bacteriol** 1984 Oct; 160(1):408–12

Inhibition of rabbit lung angiotensin–converting enzyme by N alpha–[(S)–1–carboxy–3–phenylpropyl]L–alanyl–L–proline and N alpha–[(S)–1–carboxy–3–phenylpropyl]L–lysyl–L–proline. Bull HG, et al. **J Biol Chem** 1985 Mar 10;260(5):2952–62

Comparative hemodynamic effects of MK–422, a converting enzyme inhibitor, and a renin inhibitor in dogs with acute left ventricular failure. Sweet CS, et al. **J Cardiovasc Pharmacol** 1984 Nov–Dec;6(6):1067–75

Persistent tissue converting enzyme inhibition following chronic treatment with Hoe498 and MK421 in spontaneously hypertensive rats. Unger T, et al. **J Cardiovasc Pharmacol** 1985 Jan–Feb;7(1):36–41

Is tissue converting enzyme inhibition a determinant of the antihypertensive efficacy of converting enzyme inhibitors? Studies with the two different compounds, Hoe498 and MK421, in spontaneously hypertensive rats. Unger T, et al. **J Cardiovasc Pharmacol** 1984 Sep–Oct;6(5):872–80

Evidence for a vasodepressor effect of the angiotensin–converting enzyme inhibitor, MK421 (enalapril), independent of blockade of angiotensin II formation. Wilkes BM. **J Cardiovasc Pharmacol** 1984 Nov–Dec;6(6):1036–42

Comparison of systemic and intrarenal converting enzyme inhibition by MK–422 on renal hemodynamics in conscious dogs. Zimmerman BG, et al. **J Cardiovasc Pharmacol** 1985 Jul–Aug;7(4):715–22

Acute and chronic effects of the converting enzyme inhibitors enalapril and lisinopril on reflex control of heart rate in normotensive man. Ajayi AA, et al. **J Hypertens** 1985 Feb;3(1):47–53

Renal prostaglandin E in the hypotensive mechanism of MK–421 in conscious rats. Yasujima M, et al. **J Hypertens** 1984 Dec;2(6):623–9

Synthesis and biological activity of carboxylic acid replacement analogues of the potent angiotensin converting enzyme inhibitor 5(S)–benzamido–4–oxo–6–phenylhexanoyl–L–proline. Almquist RG, et al. **J Med Chem** 1985 Aug;28(8):1067–71

Synthesis and biological activity of pentapeptide analogues of the potent angiotensin converting enzyme inhibitor 5(S)–benzamido–4–oxo–6–phenylhexanoyl–L–proline. Almquist RG, et al. **J Med Chem** 1985 Aug;28(8):1062–6

Angiotensin–converting enzyme inhibitors: synthesis and biological activity of acyl tripeptide analogues of enalapril. Greenlee WJ, et al. **J Med Chem** 1985 Apr;28(4):434–42

Synthesis and biological activity of modified peptide inhibitors of angiotensin–converting enzyme. Roark WH, et al. **J Med Chem** 1985 Sep;28(9):1291–5

Human angiotensin I competes with two non–thiol converting enzyme inhibitors (CGS 13934 & MK–422) to inhibit the angiotensin–converting enzyme activity of human plasma. Chen DS, et al. **J Pharm Pharmacol** 1984 Oct;36(10):707–8

Anti–shock actions of a new converting enzyme inhibitor, enalaprilic acid, in hemorrhagic shock in cats. Freeman JG, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):610–5

Kinetics of captopril– and enalapril–induced inhibition of pulmonary angiotensin converting enzyme in vivo. Moalli R, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):372–7

Two inhibitors of angiotensin–converting enzyme, enalapril and captopril, increase salt appetite of rats. Minsker DH, et al. **J Toxicol Environ Health** 1984;14(5–6):715–22

Striatal dopamine receptor function in morphine–tolerant dependent rats: influence of hypothalamic peptides. Bhargava HN. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:320–6

L–prolyl–L–arginine fragment of tuftsin peptide chain elicits analgesic action. Herman ZS, et al. **Naturwissenschaften** 1985 Feb;72(2):85–6

Kelatorphan: a full inhibitor of enkephalin degrading enzymes. Biochemical and pharmacological properties, regional distribution of enkephalinase in rat brain by use of a tritiated derivative. Waksman G, et al. **Neuropeptides** 1985 Feb;5(4–6):529–32

Oxytocin and a C–terminal derivative (Z–prolyl–D–leucine) attenuate tolerance to and dependence on morphine and interact with dopaminergic neurotransmission in the mouse brain. Kovács GL, et al. **Neuropharmacology** 1985 May; 24(5):413–9

Structure–activity relations of dipeptide antagonists of excitatory amino acids. Jones AW, et al. **Neuroscience** 1984 Oct;13(2):573–81

Drugs affecting brain dopamine interfere with the effect of Z–prolyl–D–leucine on morphine withdrawal. Kovács GL, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):345–8

Psychotropic effects of enalapril maleate in normal volunteers. Olajide D, et al. **Psychopharmacology (Berlin)** 1985;86(3):374–6

Inhibition of angiotensin–converting enzyme by dipeptide analogs. Schwab A, et al. **Res Commun Chem Pathol Pharmacol** 1984 Sep; 45(3):339–45

Effects of enalapril maleate (MK–421) on renovascular hypertension. Ogawa K, et al. **Tohoku J Exp Med** 1985 Feb;145(2):125–35

[Renal adaptation to a restriction of sodium intake in the rat: effects of inhibition of the renin–angiotensin system] Jover B, et al. **Arch Mal Coeur** 1984 Oct;77(11):1234–7 (Eng. Abstr.) **(Fre)**

[Acute effect of MK–421 (enalapril) on blood pressure, the renin–angiotensin system and the kallikrein–kinin system in hypertensive patients] Kondo K, et al. **Kokyu To Junkan** 1985 Jun;33(6):811–5 (Eng. Abstr.) **(Jpn)**

[Effect of enalapril maleate (MK–421) on blood pressure, renin–angiotensin system and kallikrein–kinin system in patients with essential hypertension] Shionoiri H, et al. **Nippon Jinzo Gakkai Shi** 1984 Jun;26(6):759–65 (Eng. Abstr.) **(Jpn)**

[Effects of 3 different angiotensin converting enzyme inhibitors, MK 421, SQ 14225 and SA 446 on renal function and blood pressure in patients with essential hypertension] Tajima J, et al. **Nippon Jinzo Gakkai Shi** 1984 Jun; 26(6):779–89 (Eng. Abstr.) **(Jpn)**

[Interaction of muscle glycogen phosphorylase B with flavin mononucleotide and its analogs] Klinov SV, et al. **Bioorg Khim** 1984 Sep;10(9):1161–70 (Eng. Abstr.) **(Rus)**

[Influence of carnosine on the immunosuppressive effect of histamine] Sharpan' IuV. **Biull Eksp Biol Med** 1984 Nov; 98(11):603–4 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

A multivalent lacto–N–fucopentaose III–lysyllysine conjugate decompacts preimplantation mouse embryos, while the free oligosaccharide is ineffective. Fenderson BA, et al. **J Exp Med** 1984 Nov 1;160(5):1591–6

N–Acetylaspartylglutamate: possible role as the neurotransmitter of the lateral olfactory tract. Ffrench–Mullen JM, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3897–900

Glycyl–L–glutamine, a precursor, and glycyl–L–glutamic acid, a neurotrophic factor for maintenance of acetylcholinesterase and butyrylcholinesterase in the preganglionically denervated superior cervical ganglion of the cat in vivo. Koelle GB, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5213–7

THERAPEUTIC USE

Preservation of ischemic myocardium by a new converting enzyme inhibitor, enalaprilic acid, in acute myocardial infarction. Hock CE, et al. **Am Heart J** 1985 Feb; 109(2):222–8

A parallel study of enalapril and captopril and 1 year of experience with enalapril treatment in moderate–to–severe essential hypertension. Thind GS, et al. **Am Heart J** 1985 Apr;109(4):852–8

Clinical and hemodynamic experience with enalapril in congestive heart failure. Cody RJ. **Am J Cardiol** 1985 Jan 11;55(2):36A–40A

Effect of enalapril at rest, during tilt, static and dynamic exercise in systemic hypertension. Jones RI, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1534–8

Effect of enalapril on ventricular arrhythmias in congestive heart failure. Webster MW, et al. **Am J Cardiol** 1985 Sep 15;56(8):566–9

Treatment of hypertension with angiotensin converting enzyme inhibitors. Johnston CI. **Aust NZ J Med** 1984 Aug; 14(4):509–13 (30 ref.)

Effective dose range of enalapril in mild to moderate essential hypertension. Bergstrand R, et al. **Br J Clin Pharmacol** 1985 May;19(5):605–11

Acute and long–term response to enalapril in congestive failure. Kjekshus JK, et al. **Br J Clin Pharmacol** 1984;18 Suppl 2:169S–174S

Enalapril in heart failure. Nicholls MG, et al. **Br J Clin Pharmacol** 1984;18 Suppl 2:163S–167S

The effects of enalepril and propranolol on beta–endorphin–like radioimmunoreactivity in hypertensive patients. VandenBurg MJ, et al. **Clin Exp Hypertens [A]** 1984;6(10–11):2069–72

Angiotensin converting enzyme during acute and chronic enalapril therapy in essential hypertension. Jackson B, et al. **Clin Exp Pharmacol Physiol** 1984 Jul–Aug;11(4):355–9

Enalapril, a nonsulfhydryl angiotensin–converting enzyme inhibitor. Vlasses PH, et al. **Clin Pharm** 1985 Jan–Feb; 4(1):27–40 (93 ref.)

Enalaprilat, an intravenous angiotensin–converting enzyme inhibitor, in hypertensive crises. DiPette DJ, et al. **Clin Pharmacol Ther** 1985 Aug;38(2):199–204

Blood pressure, plasma volume, and catecholamine levels during enalapril therapy in blacks with hypertension. Freier PA, et al. **Clin Pharmacol Ther** 1984 Dec;36(6):731–7

Supine and sitting maximal workload difference and response to long–term enalapril therapy in congestive heart failure. Pöyhönen L. **Clin Physiol** 1985 Apr;5(2):173–8

Left ventricular changes after chronic therapy with enalapril maleate in moderate to severe hypertensive patients. Fernandez PG, et al. **Curr Med Res Opin** 1984;9(3):170–83

Practical aspects of clinical trials: a review of a randomized, placebo–controlled study in patients with heart failure. Murphy J, et al. **Heart Lung** 1985 Jan;14(1):95–100

Acute and chronic hemodynamic effects of enalapril (MK–421) in congestive heart failure. Dickstein K, et al. **Int J Cardiol** 1984 Oct;6(4):445–58

Converting–enzyme inhibition for severe chronic heart failure: views from a skeptic. Packer M. **Int J Cardiol** 1985 Feb;7(2):111–20 (50 ref.)

Acute and long–term effects of enalapril on the cardiovascular response to exercise and exercise tolerance in patients with congestive heart failure. Creager MA, et al. **J Am Coll Cardiol** 1985 Jul;6(1):163–73

Effects of enalapril, a new angiotensin–converting enzyme inhibitor, in a controlled trial in heart failure. Franciosa JA, et al. **J Am Coll Cardiol** 1985 Jan;5(1):101–7

Captopril versus enalapril maleate: a comparison of antihypertensive and hormonal effects. Lewis RA, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S12–5

A comparative study of captopril and enalapril in patients with severe hypertension. Chrysant SG, et al. **J Clin Pharmacol** 1985 Mar;25(2):149–51

Effect of dietary sodium on angiotensin–converting enzyme (ACE) inhibition and the acute hypotensive effect of enalapril (MK–421) in essential hypertension. Jackson B, et al. **J Hypertens** 1984 Aug;2(4):371–7

Cardiac regression and blood pressure control in the Dahl rat treated with either enalapril maleate (MK 421, an angiotensin converting enzyme inhibitor) or hydrochlorothiazide. Sharma JN, et al. **J Hypertens** 1983 Oct;1(3):251–6

Reversible acute renal failure during enalapril treatment in patient with chronic glomerulonephritis without renal artery stenosis [letter] Brivet F, et al. **Lancet** 1985 Jun 29; 1(8444):1512

Angiotensin–converting enzyme inhibitors: past, present, and bright future. Edwards CR, et al. **Lancet** 1985 Jan 5; 1(8419):30–4 (89 ref.)

Serum uric acid, ACE inhibitors, and natriuresis [letter] Navis GJ, et al. **Lancet** 1985 Jul 20;2(8447):156

Enalapril for severe congestive heart failure. A double–blind study. Jennings G, et al. **Med J Aust** 1984 Nov 24; 141(11):723–6

Comparison of the acute effects of three structurally different converting enzyme inhibitors (captopril, SA–446 and MK–421) on blood pressure, the renin–angiotensin system and the kallikrein–kinin system. Kondo K, et al. **Nippon Jinzo Gakkai Shi** 1985 Mar;27(3):337–42

Temporal relationships of treatment with angiotensin converting enzyme inhibitors on the hypertension and cardiac hypertrophy in spontaneously hypertensive rats. Shapiro AP, et al. **Proc Soc Exp Biol Med** 1985 Jun; 179(2):211–8

Captopril and enalapril: angiotensin converting enzyme (ACE) inhibitors. Ferguson RK, et al. **Ration Drug Ther** 1984 Mar;18(3):1–5

Comparison of the antihypertensive effect of enalapril and propranolol in black South Africans. Goodman C, et al.

S Afr Med J 1985 Apr 27;67(17):672–6

Apparently high plasma angiotensin II levels in patients with essential hypertension treated by converting enzyme inhibition. Ueer P, et al. **Scand J Clin Lab Invest** 1985 Feb; 45(1):77–81

The reversal of left ventricular hypertrophy with control of blood pressure in experimental hypertension. Fernandez PG, et al. **Scand J Clin Lab Invest** 1984 Dec;44(8):711–6

Successful treatment of the crisis of scleroderma with enalapril maleate (MK–421). Ogawa K, et al. **Tohoku J Exp Med** 1984 Dec;144(4):433–4

[Converting enzyme inhibitors in the therapy of primary arterial hypertension] Di Veroli C, et al. **Recenti Prog Med** 1985 May;76(5):269–71 (Eng. Abstr.) **(Ita)**

[Experimental and clinical evaluation of small peptides as a nitrogen source in enteral nutrition (II). Clinical application of T–330 and a comparative study with Elental] Kobayashi N, et al. **Nippon Geka Hokan** 1984 Jan 1; 53(1):133–44 (Eng. Abstr.) **(Jpn)**

[The acute effects of the new angiotensin I–converting enzyme inhibitor, enalapril maleate, on blood pressure, plasma renin, aldosterone and kinins in hypertensive patients] Gotoh M, et al. **Nippon Naibunpi Gakkai Zasshi** 1985 May 20;61(5):619–29 (Eng. Abstr.) **(Jpn)**

[Angiotensin converting enzyme inhibitors—a new group of hypotensive drugs] Lazowski J. **Wiad Lek** 1984 May 15; 37(10):792–6 (7 ref.) **(Pol)**

TOXICITY

Aspartame: succession of false alarms. Grasso P, et al. **Hum Toxicol** 1984 Aug;3(4):257–9

DIPEPTIDYL PEPTIDASES see under **PEPTIDE PEPTIDOHYDROLASES**

DIPETALONEMA see **ACANTHOCHEILONEMA**

DIPHENHYDRAMINE

ADVERSE EFFECTS

Re: Pyloric stenosis and maternal antihistamine exposure at group health cooperative [letter] Aselton P, et al. **Am J Epidemiol** 1985 Jul;122(1):197

Tardive dyskinesia uncovered after ingestion of Sominex, an over–the–counter drug. Jones B, et al. **Can J Psychiatry** 1985 Aug;30(5):370–1

ANALYSIS

Proton magnetic spectroscopic (PMR) determination of diphenhydramine hydrochloride in dosage forms. Hanna GM, et al. **Pharmazie** 1984 Dec;39(12):816–8

BLOOD

Activated charcoal adsorption of diphenhydramine. Guay DR, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Aug; 22(8):395–400

METABOLISM

[Effect of histamine on dimedrol interaction with human serum albumin] Bender KI, et al. **Farmakol Toksikol** 1985 Mar–Apr;48(2):107–12 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Correction of organophosphate–induced neuromuscular blockade by diphenhydramine. Clemmons RM, et al. **Am J Vet Res** 1984 Oct;45(10):2167–9

The antagonism of histamine–induced tracheal and bronchial muscle contraction by diphenhydramine: effect of maturation. Douglas JS, et al. **Br J Pharmacol** 1984 Nov; 83(3):697–705

A comparison of methods for assessing the sedative effects of diphenhydramine on skills related to car driving. Cohen AF, et al. **Eur J Clin Pharmacol** 1984;27(4):477–82

The role of histamine antagonists on the development of experimental cancer in the rat. Nee J, et al. **Ir J Med Sci** 1984 Oct;153(10):332–5

Cocaine–like action of diphenhydramine in cat cerebral arteries. Balfagón G, et al. **J Pharm Pharmacol** 1985 Feb; 37(2):141–2

Ibuprofen and diphenhydramine reduce the lung lesion of endotoxemia in sheep. Traber DL, et al. **J Trauma** 1984 Sep;24(9):835–40

Diphenhydramine potentiates narcotic but not endogenous opioid analgesia. Carr KD, et al. **Neuropeptides** 1985 Feb; 5(4–6):411–4

[Effect of histamine–blocking substances on mitogen–induced lympho proliferation in rheumatic diseases] Manger BJ, et al. **Z Rheumatol** 1984 Jul–Aug;43(4):175–8 (Eng. Abstr.) **(Ger)**

[Gastrointestinal manifestations of systemic mastocytosis and its treatment with antagonists of H1 and H2 receptors. Experimental study] Serrano Sánchez PA. **Rev Esp Enferm Apar Dig** 1985 Feb;67(2):147–59 (Eng. Abstr.) **(Spa)**

POISONING

Alternating skew deviation associated with Mandrax overdosage. Par HY, et al. **Aust NZ J Med** 1984 Jun; 14(3):265–6

[Poisoning psychoses following suicide attempts with diphenhydramine] Trabert W. **Nervenarzt** 1985 Jan; 56(1):48–9 **(Ger)**

THERAPEUTIC USE

Histamine antagonists in the treatment of shock hyperglycemia in the rat. Dimlich RV. **Ann Emerg Med** 1985 Feb;14(2):91–6

Priapism resulting from fluphenazine hydrochloride treatment reversed by diphenhydramine. Fishbain DA. **Ann Emerg Med** 1985 Jun;14(6):600–2

A comparative study of Propain and a dextropropoxyphene/paracetamol combination analgesic. Middleton RS, et al. **Br J Clin Pract** 1985 Jan;39(1):21–4

Evaluation of a combination antiemetic regimen including iv high–dose metoclopramide, dexamethasone, and diphenhydramine in cisplatin–based chemotherapy regimens. Rosell R, et al. **Cancer Treat Rep** 1985 Jul–Aug; 69(7–8):909–10

Double–blind crossover study comparing doxepin with diphenhydramine for the treatment of chronic urticaria. Greene SL, et al. **J Am Acad Dermatol** 1985 Apr; 12(4):669–75

Successful treatment of Pneumocystis carinii pneumonia with trimethoprim–sulfamethoxazole in hypersensitive AIDS patients [letter] Gibbons RB, et al. **JAMA** 1985 Mar 1; 253(9):1259–60

URINE

Positive diphenhydramine interference in the EMIT–d.a.u. assay [letter] Ajel LA. **Clin Chem** 1985 Feb;31(2):340–1

DIPHENHYDRAMINE THEOCLATE see **DIMENHYDRINATE**

DIPHENOL OXIDASES

Determination of total protein in serum using a tyrosinase enzyme electrode. Toyota T, et al. **Anal Chem** 1985 Aug; 57(9):1925–8

Aggregation equilibria of tyrosinase of Harding–Passey mouse melanoma. Garcia–Borron JC, et al. **Biochem J** 1985 May 15;228(1):95–101

S beta–(2–histidyl)cysteine: properties, assay, and occurrence. Lerch K. **Methods Enzymol** 1984;106:355–9

ANALYSIS

A spectrophotometric assay for mammalian tyrosinase utilizing the formation of melanochrome from L–dopa. Vachtenheim J, et al. **Anal Biochem** 1985 May 1; 146(2):405–10

Presence and regulation of tyrosinase activity in human neuroblastoma cell variants in vitro. Ross RA, et al. **Cancer Res** 1985 Apr;45(4):1628–32

Immunological quantitation of tyrosinase from wild–type and albino mutant mice. Tamate HB, et al. **FEBS Lett** 1985 Apr 22;183(2):279–82

Analysis of tyrosinases as asparagin–linked oligosaccharides by concanavalin A lectin chromatography: appearance of new segment of tyrosinases in melanoma cells following interrupted melanogenesis induced by glycosylation inhibitors. Imokawa G, et al. **J Invest Dermatol** 1985 Aug; 85(2):165–8

[Experimental study on the relationship between experimental naphthalene cataract and iris color in the animal eye. III. Histochemical observation of o–diphenol oxidase activity in the iris and ciliary body in albino and pigmented rats] Nagata M. **Nippon Ganka Gakkai Zasshi** 1984 Jul;88(7):1049–53 (Eng. Abstr.) **(Jpn)**

[A method for determining theo–diphenoloxidase activity in the pyrocatechol oxidation reaction] Butovich IA, et al. **Ukr Biokhim Zh** 1984 Jul–Aug;56(4):437–41 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Relation between structure of polyphenol oxidase and prevention of browning. Golan–Goldhirsh A, et al. **Adv Exp Med Biol** 1984;177:437–56

Kinetic study on the slow inhibition of epidermis tyrosinase by m–coumaric acid. Cabanes J, et al. **Biochim Biophys Acta** 1984 Oct 23;790(2):101–7

[Inactivation of o–diphenoloxidase in the pyrocatechol oxidation reaction] Butovich IA, et al. **Ukr Biokhim Zh** 1984 Sep–Oct;56(5):527–32 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Expression of a melanocyte phenotype in human neuroblastoma cells in vitro. Ross RA, et al. **Prog Clin Biol Res** 1985;175:249–59

BLOOD

The effect of the glucocorticoid Prednisolut on the phenoloxidase containing cells (POC) of the blood and connective tissue. Schmidt H, et al. **Allerg Immunol (Leipz)** 1985;31(2):113–7

GENETICS

Isolation of tyrosinase–mRNA by affinity chromatography of polysomes. Kidson SH, et al. **Biochim Biophys Acta** 1985 Jan 29;824(1):40–4

Tyrosinase activity in Streptomyces glaucescens is controlled by three chromosomal loci. Crameri R, et al. **Can J Microbiol** 1984 Aug;30(8):1058–67

Phenotypic classes of phenoloxidase–negative mutants of the lignin–degrading fungus Phanerochaete chrysosporium. Liwicki R, et al. **J Bacteriol** 1985 May;162(2):641–4

Decreased dopachrome oxidoreductase activity in yellow mice. Barber JI, et al. **J Hered** 1985 Jan–Feb;76(1):59–60

ISOLATION & PURIFICATION

Purification of hamster melanoma tyrosinases and structural studies of their asparagine–linked sugar chains. Ohkura T, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):63–77

Extracellular tyrosinase from Streptomyces sp. KY–453: purification and some enzymatic properties. Yoshimoto T, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1747–54

METABOLISM

Production of 6–hydroxydopa by human tyrosinase. Hansson C, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):154–7

Hairbulb tyrosinase activity in oculocutaneous albinism: suggestions for pathway control and block location. King RA, et al. **Am J Med Genet** 1985 Jan;20(1):49–55

Chemical intermediates in dopamine oxidation by tyrosinase, and kinetic studies of the process. Jimenez M, et al. **Arch Biochem Biophys** 1984 Dec;235(2):438–48

Isoproterenol oxidation by tyrosinase: intermediates characterization and kinetic study. Jiménez M, et al. **Biochem Int** 1985 Jul;11(1):51–9

Effect of metal ions on the kinetics of tyrosine oxidation catalysed by tyrosinase. Palumbo A, et al. **Biochem J** 1985 Jun 15;228(3):647–51

Metabolism of 1–naphthol by tyrosinase. Doherty M D, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3167–72

Kinetic study and intermediates identification of noradrenaline oxidation by tyrosinase. Jimenez M, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3689–97

Potentiation by alpha–difluoromethylornithine of the activity of 3,4–dihydroxybenzylamine, a tyrosinase–dependent melanolytic agent, against B16 melanoma. Prakash NJ, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):1887–90

5,6–Dihydroxyindole oxidation by mammalian, mushroom and amphibian tyrosinase preparations. Miranda M, et al. **Biochim Biophys Acta** 1985 Aug 16;841(2):159–65

Effects of actinomycin D and cycloheximide on the increase in tyrosinase activity of hamster amelanotic melanoma cells in vitro. Słomiński A, et al. **Biosci Rep** 1984 Dec; 4(12):1059–64

Prolonged stimulation of S91 melanoma tyrosinase by [Nle4, D–Phe7]–substituted alpha–melanotropins. Abdel Malek ZA, et al. **Cancer Res** 1985 Oct;45(10):4735–40

Distribution of dopa–oxidase isozymes among mosquito vectors of viral encephalitis. Igbokwe EC. **Comp Biochem Physiol [B]** 1985;80(1):73–5

Psoriasis before and after methotrexate (MXT) treatment. 3. Localization of dopa oxidase. Ramadan AA, et al. **Folia Morphol (Praha)** 1984;32(4):342–4

Enzymatic 5–hydroxylation of L–dopa by a tyrosinase isolated from the sea anemone Metridium senile. Carlberg M, et al. **Gen Pharmacol** 1984;15(4):301–7

Tyrosinase–like activity in normal human substantia nigra. Miranda M, et al. **Gen Pharmacol** 1984;15(6):541–4

Dopa–oxidase activity on ICRC bacilli. Kale VP, et al. **Ind J Lepr** 1984 Jan–Mar;56(1):58–62

The possible processing of tyrosinase in the Golgi complexes of the melanocyte. Tomita Y, et al. **J Dermatol (Tokyo)** 1985 Feb;12(1):43–6

A new enzyme in the pigment pathway? [letter] Pawelek JM. **J Invest Dermatol** 1985 Mar;84(3):234

Regiospecific transfer of tritium into $3H_2O$ from labeled estrogens by mushroom tyrosinase. Jellinck PH, et al. **J Steroid Biochem** 1984 Oct;21(4):361–5

Temperature–induced changes in viability, diphenoloxidase and permeability of Mycobacterium leprae. Prabhakaran K, et al. **Microbios** 1985;43(172):7–15

Stimulation of S91 melanoma tyrosinase activity by superpotent alpha–melanotropins. Marwan MM, et al. **Mol Cell Endocrinol** 1985 Jul;41(2–3):171–7

The effect of sympathectomy upon iris tyrosinase activity. Lloyd T, et al. **Vision Res** 1985;25(2):213–7

[Behavior of phenoloxidase–containing cells in experimental granuloma] Schmidt H, et al. **Acta Histochem (Jena)** 1985; 76(2):201–7 (Eng. Abstr.) **(Ger)**

[Quantitative determination of phenoloxidase (EC 1.14.18.1): absorption behavior of substrates and analogous compounds] Schmidt H. **Dermatol Monatsschr** 1985; 171(6):388–94 (Eng. Abstr.) **(Ger)**

[The mechanism of depigmentation by hydroquinone: a study on suppression and recovery processes of tyrosinase activity in the pigment cells in vivo and in vitro] Hashimoto A, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jun; 94(7):797–804 **(Jpn)**

[Substrate specificity of bilirubin oxidase and phenol oxidase—coloration reaction against benzoic acid derivatives] Murao S, et al. **Yakugaku Zasshi** 1985 Jan; 105(1):86–90 (Eng. Abstr.) **(Jpn)**

[Behavior of polyphenoloxidases in food] Galeazzi MA.

Arch Latinoam Nutr 1984 Jun;34(2):269–89 (Eng. Abstr.) (Por)

[Thermal inactivation of the enzymes polyphenoloxidase and peroxidase in Swiss chard (Beta vulgaris, cicla)] Garrote RL, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):198–216 (Eng. Abstr.) (Spa)

[The lignolytic activity of some white-rot fungi of the genus Pleurotus] Saglam N, et al. **Mikrobiyol Bul** 1985 Jul; 19(3):144–51 (Eng. Abstr.) (Tur)

RADIATION EFFECTS

On the conformational state of photoinactivated tyrosinase: possibility of structural segments in the enzyme molecule. Khan IA, et al. **J Radiat Res (Tokyo)** 1985 Mar;26(1):109–22

DIPHENOXYLATE see under **ISONIPECOTIC ACIDS**

DIPHENYL OXIDES see **PHENYL ETHERS**

DIPHENYLAMINE see under **ANILINE COMPOUNDS**

DIPHENYLBUTAZONE see **PHENYLBUTAZONE**

DIPHENYLCARBAZIDE see under **SEMICARBAZIDES**

DIPHENYLHEXATRIENE see under **POLYENES**

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DIPHENYLTHIOHYDANTOIN see under **PHENYTOIN**

DIPHENYLUREA COMPOUNDS see **CARBANILIDES**

DIPHOSPHATIDYLGLYCEROLS see **CARDIOLIPINS**

DIPHOSPHOGLYCERIC ACIDS

BLOOD

Red cell 2,3-diphosphoglycerate and hemoglobin—oxygen affinity during normal pregnancy. Madsen H, et al. **Acta Obstet Gynecol Scand** 1984;63(5):399–402

Red cell 2,3-diphosphoglycerate and hemoglobin-oxygen affinity during diabetic pregnancy. Madsen H, et al. **Acta Obstet Gynecol Scand** 1984;63(5):403–6

Correlation between 2,3-diphosphoglycerate and red cell mass in the third trimester of pregnancy. Tsai CH, et al. **Acta Obstet Gynecol Scand** 1985;64(4):303–5

Insensitivity of erythrocyte 2,3-bisphosphoglycerate to changes in extracellular phosphate concentration in vitro. Ryall RG, et al. **Ann Clin Biochem** 1985 May;22 (Pt 3):291–6

A multinuclear NMR study of 2,3-bisphosphoglycerate metabolism in the human erythrocyte. Oxley ST, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):19–24

Synthesis and levels of organic phosphates in erythrocytes during avian development: specific formation of BPG and IP5 in two distinct populations from young chicks. Ruiz-Ruano A, et al. **Cell Biochem Funct** 1984 Oct; 2(4):257–62

Erythrocytic organic phosphates: diel and seasonal cycles in the frog, Rana berlandieri. Hutchison VH, et al. **Comp Biochem Physiol** [A] 1984;79(4):533–8

Red cell 2,3-DPG, ATP, and mean cell volume in highly trained athletes. Effect of long-term submaximal exercise. Brodthagen UA, et al. **Eur J Applied Physiol** 1985; 53(4):334–8

Phosphate-haemoglobin interaction. The primary structure of the haemoglobin of the African elephant (Loxodonta africana, Proboscidea): asparagine in position 2 of the beta-chain. Braunitzer G, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jul;365(7):743–9

Restoration of blood 2,3-diphosphoglycerate levels in multi-transfused patients: effect of organic and inorganic phosphate. Iapichino G, et al. **Int Surg** 1984 Apr–Jun; 69(2):113–6

Structural features required for the reactivity and intracellular transport of bis(3,5-dibromosalicyl)fumarate and related anti-sickling compounds that modify hemoglobin S at the 2,3-diphosphoglycerate binding site. Chatterjee R, et al. **J Biol Chem** 1984 Dec 10; 259(23):14863–73

Anion transport and 2,3-diphosphoglycerate in cystic fibrosis red blood cells. Berghout AG, et al. **Pediatr Res** 1984 Oct; 18(10):1017–20

Pharmacological manipulation of 2,3 DPG levels and oxygen affinity. Farber MO. **Prog Clin Biol Res** 1984;165:263–77

Aging of rat erythrocytes: differences in genetically high and low 2,3-DPG rat lines. Noble NA, et al. **Prog Clin Biol Res** 1984;165:241–61

Maternal blood total oxypurines and erythrocyte 2,3-diphosphoglycerate levels during normal pregnancy. Mizutani S, et al. **Z Geburtshilfe Perinatol** 1985 Jan–Feb; 189(1):34–6

[Effect of E. coli endotoxin on the amount of 2,3-diphosphoglycerate in rabbits] Angelov G, et al. **Vet Med Nauki** 1984;21(7–8):106–12 (Eng. Abstr.) (Bul)

[2,3-diphosphoglycerate level during the active and maintenance treatment of iron-deficiency anemia patients] Iordanova E, et al. **Vutr Boles** 1985;24(2):78–82 (Eng. Abstr.) (Bul)

[Effect of almitrine administered by the oral route on levels of 2,3-diphosphoglycerate and on the affinity of hemoglobin for oxygen in healthy subjects] Clerbaux T, et al. **Pathol Biol (Paris)** 1985 Feb;33(2):129–32 (Eng. Abstr.) (Fre)

[The development of P50 and 2,3-DPG during exchange-transfusion in neonates] Major D, et al. **Union Med Can** 1985 Feb;114(2):165–6 (Eng. Abstr.) (Fre)

[2-3 diphosphoglycerate and tissue oxygenation in the cirrhotic] Vendemiale G, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):107–12 (Eng. Abstr.) (Ita)

[The 2,3-diphosphoglycerate shunt and stabilization of the ATP level in mammalian erythrocytes] Ataullakhanov AI, et al. **Biokhimiia** 1985 Jun;50(6):1005–11 (Eng. Abstr.) (Rus)

[Role of the 2,3-diphosphoglycerate shunt in regulating energy metabolism in human erythrocytes] Kholodenko BN, et al. **Izv Akad Nauk SSSR [Biol]** 1985 Mar–Apr; (2):196–205 (Eng. Abstr.) (Rus)

[ATP and 2,3-DPG concentrations in the erythrocytes of peritonitis patients] Taranenko LD, et al. **Klin Khir** 1985 Jan;(1):19–20 (Eng. Abstr.) (Rus)

[2,3-Diphosphoglycerate content of the erythrocytes in patients with acute myocardial infarct] Gabasashvili LV, et al. **Lab Delo** 1984;(11):656–8 (Rus)

[2,3 diphosphoglycerate and diabetes mellitus in various metabolic situations] Vázquez C, et al. **Rev Clin Esp** 1985 Feb;176(2):63–7 (Eng. Abstr.) (Spa)

CHEMICAL SYNTHESIS

[Synthesis and properties of an organophosphorous regulator of hemoglobin oxygenation] Ushakova IP, et al. **Bioorg Khim** 1985 Feb;11(2):187–91 (Eng. Abstr.) (Rus)

METABOLISM

Changes in enzyme activities involved in the degradation of 1,3-bisphosphoglycerate during erythropoiesis in rat bone marrow. Pineda M, et al. **Cell Biochem Funct** 1984 Oct;2(4):254–6

Metabolism of glycerate-2,3-P2—VII. Enzymes involved in the metabolism of glycerate-2,3-P2 in cat tissues. Pons G, et al. **Comp Biochem Physiol** [B] 1985;80(3):551–6

Haemoglobin Warwickshire (beta 5 [A2] Pro——Arg). A possible 'fine tuning' of 2,3-DPG affinity by beta 5 Pro. Wilson CI, et al. **FEBS Lett** 1984 Oct 29;176(2):331–3

Citrate agar electrophoresis of Lemur hemoglobins: relationship to DPG binding. Duffy LK, et al. **Hemoglobin** 1984;8(4):427–32

Levels of cyclic-2,3-diphosphoglycerate in Methanobacterium thermoautotrophicum during phosphate limitation. Seely RJ, et al. **J Bacteriol** 1984 Oct;160(1):50–4

PHARMACODYNAMICS

Phytase activity in chicken erythrocytes and its control by organic phosphates (glycerate-2,3-P2 and inositol-P5) during avian development. Martin M, et al. **Comp Biochem Physiol** [B] 1985;80(3):557–61

DIPHOSPHONATES

Electrolytically labeled [99mTc]MDP: chromatographic pattern, stability and biodistribution in rats. Savelkoul TJ, et al. **Int J Appl Radiat Isot** 1984 Aug;35(8):709–13

Iodine-131-labeled diphosphonates for the palliative treatment of bone metastases: I. Organ distribution and kinetics of I-131 BDP3 in rats. Eisenhut M. **J Nucl Med** 1984 Dec;25(12):1356–61

Dichloromethylene diphosphonate (Cl2MDP) reduces natural killer (NK) cell activity in mice. Labat ML, et al. **Metab Bone Dis Relat Res** 1984;5(6):281–7

ADMINISTRATION & DOSAGE

Inhibition by diphosphonate compounds of calcification of porcine bioprosthetic heart valve cusps implanted subcutaneously in rats. Levy RJ, et al. **Circulation** 1985 Feb;71(2):349–56

ADVERSE EFFECTS

Adverse allergic reaction to technetium-99m methylene diphosphonate. Spicer JA, et al. **J Nucl Med** 1985 Apr; 26(4):373–4

DIAGNOSTIC USE

Comparison of skeletal and bone marrow radionuclide scintimetry of femoral neck fracture. Alberts KA, et al. **Acta Orthop Scand** 1984 Dec;55(6):612–5

Radionuclide scintimetry for diagnosis of complications following femoral neck fracture. Alberts KA, et al. **Acta Orthop Scand** 1984 Dec;55(6):606–11

Scintigraphy in early detection of mandibular disorders. Kortekangas AE, et al. **Acta Otolaryngol (Stockh)** 1985 Mar–Apr;99(3–4):262–5

Multiple uptakes of technetium-99m methylene diphosphonate in a patient with metastatic osteosarcoma. Amico S, et al. **Clin Nucl Med** 1985 Apr;10(4):288–9

Abnormal Tc-99m MDP skeletal muscle tomoscintigraphic images characterizing a case of severe rhabdomyolysis. Bouvier JF, et al. **Clin Nucl Med** 1985 Feb;10(2):105

The role of gallium and bone scintigraphy in disseminated coccidioidomycosis. Cohen AJ, et al. **Clin Nucl Med** 1984 Sep;9(9):538–9

Uptake of technetium-99m MDP in synovial osteochondromatosis. Another cause of nonosseous activity on bone scan. Datz FL. **Clin Nucl Med** 1985 May; 10(5):367–8

Detection of unsuspected malignant pleural effusion by bone scan. Goldstein HA, et al. **Clin Nucl Med** 1984 Oct; 9(10):556–7

Pubic osteomyelitis. Haentjens M, et al. **Clin Nucl Med** 1985 Jun;10(6):402

Comparison of technetium-99m pyrophosphate and technetium-99m methylene diphosphonate with variable amounts of stannous chloride in the detection of acute myocardial infarction. Huckell VF, et al. **Clin Nucl Med** 1985 Jul;10(7):455–62

Demonstration of a parathyroid adenoma with Tc-99m MDP bone scintigraphy. Lafontaine S, et al. **Clin Nucl Med** 1984 Nov;9(11):661–2

Carcinoma of the stomach with osseous and extra-osseous metastases. Visualization of primary and secondary sites with Tc-99m medronate. McLean RG. **Clin Nucl Med** 1985 Mar;10(3):199–200

Methylene diphosphonate uptake in traumatized muscles. Maslack MM, et al. **Clin Nucl Med** 1984 Sep;9(9):491–2

Benign Brenner tumor of the ovary detected on Tc-99m methylene diphosphonate bone scan. Renner JB, et al. **Clin Nucl Med** 1984 Nov;9(11):643–5

Diffuse pulmonary ossification detected by bone scanning with Tc-99m hydroxymethylene diphosphate. Saks DA, et al. **Clin Nucl Med** 1984 Oct;9(10):594–5

Increased renal parenchymal accumulation of Tc-99m HDP in kidney contusion. Salimi Z, et al. **Clin Nucl Med** 1984 Oct;9(10):574–6

Accumulation of Tc-99m methylene diphosphonate in calcified metastatic lesions of the liver from colonic carcinoma. Comparison with calcification on X-ray computed tomogram. Senda M, et al. **Clin Nucl Med** 1985 Jan;10(1):9–12

Myoglobinuria with acute renal failure and hot kidneys seen on bone imaging. Sheth KJ, et al. **Clin Nucl Med** 1984 Sep;9(9):498–501

Unusual persistence of Tc-99m MDP uptake in the incisional scar after thoracotomy. Shih WJ, et al. **Clin Nucl Med** 1984 Oct;9(10):596–7

Idiopathic pulmonary ossification with focal pulmonary uptake of technetium-99m HMDP bone scanning agent. Silberstein EB, et al. **Clin Nucl Med** 1985 Jun;10(6):436

Unexplained transient splenic uptake of Tc-99m MDP in bronchogenic carcinoma. Sirotta P, et al. **Clin Nucl Med** 1984 Sep;9(9):495–7

Artifactual focal accumulation of Tc-99m bone imaging tracer in the chest. Technical note (bone imaging artifact). Tatum JL, et al. **Clin Nucl Med** 1985 Jan;10(1):16–8

Muscle localization of Tc-99m MDP after exertion. Valk P. **Clin Nucl Med** 1984 Sep;9(9):493–4

'Reactivation' of Tc-99m MDP uptake in heterotopic bone. Vento JA, et al. **Clin Nucl Med** 1985 Mar;10(3):206–7

Extensive soft tissue uptake of technetium-99m MDP in a patient with breast cancer. Yudd AP, et al. **Clin Nucl Med** 1985 Jul;10(7):525–6

Osteosarcoma of the breast: a case report with an unusual diagnostic feature. Savage AP, et al. **Clin Oncol** 1984 Sep; 10(3):295–8

A prospective scintigraphic study of avascular necrosis of bone in renal transplant patients. Spencer JD, et al. **Clin Orthop** 1985 Apr;(194):125–35

Influence of age on sacroiliac joint uptake ratios [letter] Agnew JE. **Eur J Nucl Med** 1984;9(10):484

Unusual extraosseous tumoral accumulation of 99mTc-MDP. Garty I, et al. **Eur J Nucl Med** 1985;10(7–8):362–5

Extraosseous accumulation of 99mTc-MDP in a benign intrapulmonary calcified focus. Garty I, et al. **Eur J Nucl Med** 1985;10(11–12):566–7

Extraosseous 99mTc-MDP uptake in mediastinal thyroid goiter: two case reports. Garty I, et al. **Eur J Nucl Med** 1984;9(11):521–4

Pitfalls in the diagnosis of neuroblastoma by 99mTc-MDP scintigraphy: a case report. Garty I, et al. **Eur J Nucl Med** 1984;9(12):564–5

Estimation of parameters affecting the uptake of 99mTc-methylenediphosphonate in rat femur with model simulation. Hyödynmaa S, et al. **Eur J Nucl Med** 1985; 10(1–2):63–7

Soft-tissue uptake of 99mTc-diphosphonate in systemic AL amyloidosis. Janssen S, et al. **Eur J Nucl Med** 1984; 9(12):538–41

Improved lesion detection with dimethyl-amino-diphosphonate: a report of two cases. Smith ML, et al. **Eur J Nucl Med** 1984;9(11):519–20

Early detection of developing osteoarthritis by scintigraphy: an experimental study on rabbits. Vanharanta H, et al. **Eur J Nucl Med** 1984;9(9):426–8

Liver uptake of 99mTc-labeled diphosphonate (DPD) by metastatic lesions from large bowel carcinoma. Wasylewski AH, et al. **Eur J Nucl Med** 1985;10(9–10):467–8

Scintigraphic examination of total hip arthroplasty: comparison of indium with technetium-gallium in the loose and infected canine arthroplasty. Merkel KD, et al. **Hip** 1984;:163–92

The use of [99mTc]methylene diphosphonate sequential scanning of experimental animals in evaluating the efficiency of wound healing in radical mastoidectomy. Dornehl IC, et al. **Int J Nucl Med Biol** 1984;11(3–4):247–53

Initial Tc–99m diphosphonate uptake in mineralized and demineralized bone implants in rats. Lysell L, et al. **Int J Oral Surg** 1985 Aug;14(4):371–5

Changes in renal uptake of Tc–99m methylene diphosphonate (MDP) in stone–forming rats. McAfee JG, et al. **Invest Radiol** 1984 Nov–Dec;19(6):543–8

Comparison of indium–labeled–leukocyte imaging with sequential technetium–gallium scanning in the diagnosis of low–grade musculoskeletal sepsis. A prospective study. Merkel KD, et al. **J Bone Joint Surg [Am]** 1985 Mar; 67(3):465–76

Early dynamic bone–imaging as an indicator of osseous blood flow and factors affecting the uptake of 99mTc hydroxymethylene diphosphonate in healing bone. Nutton RW, et al. **J Bone Joint Surg [Am]** 1985 Jun;67(5):763–70

Gallium–67/technetium–99m methylene diphosphonate ratio imaging: early rabbit osteomyelitis and fracture. Hartshorne MF, et al. **J Nucl Med** 1985 Mar;26(3):272–7

24–Hour/4–hour ratio of technetium–99m methylene diphosphonate uptake in patients with bone metastases and degenerative bone changes. Israel O, et al. **J Nucl Med** 1985 Mar;26(3):237–40

Uptake of Tc–99m MDP in muscle anticipating clinical evidence of a carcinomatous myopathy. Lentle BC, et al. **J Nucl Med** 1984 Dec;25(12):1320–2

Electrophoretic analysis of different technetium–99m (SnCl2) methylene diphosphonate complexes. Najafi A, et al. **J Nucl Med** 1985 May;26(5):524–30

Comparison of quantitative and visual detection of new focal bone lesions. Pitt WR, et al. **J Nucl Med** 1985 Mar; 26(3):230–6

Tc–99m diphosphonate and sulfur colloid uptake by the spleen in sickle disease: interrelationship and clinical correlates: concise communication. Silberstein EB, et al. **J Nucl Med** 1984 Dec;25(12):1300–3

What causes uptake of technetium–99m methylene diphosphonate by tumors? A case where the tumor appeared to secrete a hypercalcemia–causing substance. Stone CK, et al. **J Nucl Med** 1985 Mar;26(3):250–3

Dynamic radionuclide study in Paget's disease before and after (Asu1,7) E–calcitonin treatment. Vattimo A, et al. **J Nucl Med Allied Sci** 1984 Jul–Sep;28(3):217–20

A simple method for the assessment of local bone uptake of 99mTc–methylene–diphosphonate. Vattimo A, et al. **J Nucl Med Allied Sci** 1984 Jan–Mar;28(1):23–6

Dynamic radioisotope bone imaging as a noninvasive indicator of canine tibial blood flow. Nutton RW, et al. **J Orthop Res** 1984;2(1):67–74

Technetium 99m–methylene diphosphonate bone scans in children with reflex neurovascular dystrophy. Laxer RM, et al. **J Pediatr** 1985 Mar;106(3):437–40

Measurement of 24 hour whole body retention of 99Tcm–diphosphonate by a single thyroid probe. Lang P, et al. **Nucl Med Commun** 1984 Oct;5(10):627–32

Comparison of 99Tcm–MDP static and dynamic methods of obstructive nephropathy detection using transit times analysis as a reference: a pilot study. Mlodkowska E, et al. **Nucl Med Commun** 1984 Jun;5(6):397–410

Accumulation of 99mTc methylene diphosphonate in malignant pleural and ascitic effusion. Kida T, et al. **Oncology** 1984;41(6):427–30

Measurement of 24–hour whole–body retention of Tc–99mMDP with a thyroid uptake probe: quantitative assessment of metabolic and metastatic bone diseases. Seto H, et al. **Radiat Med** 1984 Apr–Jun;2(2):87–92

Subacute and chronic bone infections: diagnosis using In–111, Ga–67 and Tc–99m MDP bone scintigraphy, and radiography. Al–Sheikh W, et al. **Radiology** 1985 May; 155(2):501–6

Solitary vertebral body uptake on bone scintigraphy: the 'black ivory' vertebrae sign. Greene GS, et al. **Semin Nucl Med** 1985 Jul;15(3):317–21

Failure of bone scanning to detect fractures in a woman on chronic steroid therapy. Scott S, et al. **Skeletal Radiol** 1984; 12(3):204–7

Diagnosis of osteomyelitis of mandible by 99mTc–MDP and 67Ga citrate imaging. Sakamoto H, et al. **Tokai J Exp Clin Med** 1984 Oct;9(4):307–22

Expanded 99mTc–methylene diphosphonate (MDP) bone scan. Pollen JJ, et al. **Urology** 1984 Dec;24(6):632–8

[24–hour whole–body retention of 99mTc–diphosphonate. Another method for osteological examination] Kapitola J. **Cas Lek Cesk** 1985 Sep 6;124(36):1137–9 (Eng. Abstr.) **(Cze)**

[Peroperative isotope labeling in surgery for osteoid osteoma. Apropos of 2 case reports] Gille P, et al. **Rev Chir Orthop** 1985;71(2):123–6 (Eng. Abstr.) **(Fre)**

[Scintigraphy with 99mTc–methylene diphosphonate for the detection and localization of rhabdomyolysis] Schicha H, et al. **Nuklearmedizin** 1984 Dec;23(6):287–91 (Eng. Abstr.) **(Ger)**

[Four cases of diffuse bone metastasis with increased uptake in 99mTc–MDP bone scintigraphy] Dannoura R, et al. **Kaku Igaku** 1984 Nov;21(11):1521–5 **(Jpn)**

[An experience with 99mTc–hydroxy methylene diphosphonate (99mTc–HMDP) as a new bone scanning agent] Hayasaka K, et al. **Radioisotopes** 1984 Oct; 33(10):714–6 **(Jpn)**

[99mTc methylene diphosphonate bone scans in primary hyperparathyroidism] Shimizu E, et al. **Radioisotopes** 1983 May;34(5):278–81 **(Jpn)**

[Extraosseous tumor uptake of 99m–Tc–MDP] Hayasaka K, et al. **Rinsho Hoshasen** 1985 Jan;30(1):61–5 (Eng. Abstr.) **(Jpn)**

[Case of adrenal metastases from suspected lung cancer revealed by 99mTc–MDP] Kobori K, et al. **Rinsho Hoshasen** 1985 Apr;30(4):493–4 **(Jpn)**

[A case report of right thigh liposarcoma with concentration of 99mTc–MDP] Ohtomo K, et al. **Rinsho Hoshasen** 1985 Jan;30(1):161–4 (Eng. Abstr.) **(Jpn)**

[A case of myositis ossificans with abnormal uptake of 99mTc–MDP and 67Ga–citrate] Okimura T, et al. **Rinsho Hoshasen** 1985 Jan;30(1):157–9 (Eng. Abstr.) **(Jpn)**

[Use of the technic of radionuclide imaging of the skeleton in hygiene research] Likutova IV, et al. **Gig Sanit** 1984 Jul;(7):45–7 **(Rus)**

METABOLISM

Comparison of the kinetics of methylene–diphosphonate (MDP) and dicarboxypropan–diphosphonic acid (DPD), two radio–diagnostics for bone scintigraphy. Schroth HJ, et al. **Eur J Nucl Med** 1984;9(12):529–32

Uptake of technetium–99m methylene diphosphonate by fractured and osteoporotic bone after a pulse dose of vitamin D3. Carr EA Jr, et al. **J Nucl Med** 1985 Apr; 26(4):385–9

Blood flow and bone uptake of 99mTc–labeled methylene diphosphonate. Riggs SA JR, et al. **J Orthop Res** 1984; 1(3):236–43

The influence of substituents in 99mTc–benzylidenediphosphonate complexes on their organ distribution in rats. Eisenhut M, et al. **Nuklearmedizin** 1984 Jun;23(3):119–22

Measurements of whole body retention of diphosphonate and other indices of bone metabolism in 125 normals: dependency on age, sex and glomerular filtration. Hyldstrup L, et al. **Scand J Clin Lab Invest** 1984 Dec; 44(8):673–8

[Interaction between radiopharmaceutical and therapeutic agents. The modification of the distribution of 99mTc–methylene diphosphonate by D–penicillamine] Van de Flierdt E, et al. **Nuklearmedizin** 1985 Apr;24(2):82–6 (Eng. Abstr.) **(Ger)**

[Extraosseous nuclide uptake during skeletal scintigraphy. Heparin–calcium–induced 99mTc–HMDP accumulation] Baum RP, et al. **ROFO** 1985 Aug;143(2):247–9 **(Ger)**

[Clinical observation of diffuse renal accumulation of 99mTc–MDP] Takeji H, et al. **Rinsho Hoshasen** 1984 Aug; 29(8):875–9 (Eng. Abstr.) **(Jpn)**

[Comparative evaluation of the accumulation of 99mTc–labeled phosphate compounds in the bones] Atamaniuk NP, et al. **Eksp Onkol** 1985;7(1):66–7 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Inorganic phosphate, pyrophosphate and the diphosphonates activate bone (calvaria) glutaminase. Biltz RM, et al. **Adv Exp Med Biol** 1984;178:217–21

Comparative study of etidronate and SR 41319, a new diphosphonate, on passive cutaneous anaphylaxis and phospholipase A2 activity. Barbier A, et al. **Agents Actions** 1985 Mar;16(1–2):41–2

Inhibition of bone matrix apposition by (3–amino–1–hydroxypropylidene)–1,1–bisphosphonate (AHPrBP) in the mouse. Marie PJ, et al. **Bone** 1985; 6(3):193–200

Differential response of bone cells isolated by sequential digestion to dichloromethylenebisphonate in culture. Guenther HL, et al. **Calcif Tissue Int** 1984 Sep;36(5):568–75

Inhibition by aminohydroxypropylidene bisphosphonate (AHPrBP) of 1,25(OH)2 vitamin D3–induced stimulated bone turnover in the mouse. Marie PJ, et al. **Calcif Tissue Int** 1985 May;37(3):268–75

'Impermeant' inhibitors of protein synthesis do not affect virally–infected cells as a result of a permeability change. Gray MA, et al. **J Antimicrob Chemother** 1984 Aug;14 Suppl A:107–10

Modulation of hypercalcemia by dichloromethane diphosphonate and by calcitonin in a model of chronic primary hyperparathyroidism in rats. Jaeger P, et al. **Prog Clin Biol Res** 1984;168:375–80

[Bone resorption and bisphosphonates] Otani K. **Kokubyo Gakkai Zasshi** 1984 Dec;51(4):739 **(Jpn)**

[Kinetics of the interaction of methylene diphosphonic acid and inorganic pyrophosphate with DNA–dependent RNA–polymerase from calf thymus] Fomovskaia GN, et al. **Biokhimiia** 1985 May;50(5):839–43 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Diphosphonates for otospongiosis. Stutzmann JJ, et al. **Am J Otol** 1985 Jan;6(1):89–95

Clinical experience with the use of two diphosphonates in the treatment of Paget's disease. Dewis P, et al. **Ann Rheum Dis** 1985 Jan;44(1):34–8

Effective oral treatment of severe Paget's disease of bone with APD (3–amino–1–hydroxypropylidene–1,1–bisphosphonate): a comparison with combined calcitonin + EHDP (1–hydroxyethylidene–1,1–bisphosphonate). Fraser TR, et al. **Aust NZ J Med** 1984 Dec;14(6):811–8

Comparative effects of an antiviral drug, inosiplex, and diphosphonates in Paget's disease of bone. Kanis JA, et al. **Bone** 1985;6(2):69–72

Treatment of malignant hypercalcaemia with clodronate. Percival RC, et al. **Br J Cancer** 1985 May;51(5):665–9

Immobilisation hypercalcaemia in adults and treatment with clodronate. Yates AJ, et al. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1111–2

Influence of treatment with APD–bisphosphonate on the bone lesions in the mouse 5T2 multiple myeloma. Radl J, et al. **Cancer** 1985 Mar 1;55(5):1030–40

Diphosphonates for osteolytic metastases [letter] Elomaa I, et al. **Lancet** 1985 May 18;1(8438):1155–6

Disodium clodronate effective in management of severe hypercalcaemia caused by parathyroid carcinoma [letter] Jüngst D. **Lancet** 1984 Nov 3;2(8410):1043

Oral biphosphonate therapy in metastatic parathyroid carcinoma [letter] Mann K. **Lancet** 1985 Jan 12; 1(8420):101–2

Intravenous clodronate in the treatment and retreatment of Paget's disease of bone. Yates AJ, et al. **Lancet** 1985 Jun 29;1(8444):1474–7

Sequential treatment of Paget's disease with human calcitonin and dichloromethylene diphosphonate (Cl2MDP). Adami S, et al. **Metab Bone Dis Relat Res** 1984;5(6):265–7

Hypercalcemia in malignancies: treatment with dichloromethylene diphosphonate (Cl2MDP). Conte N, et al. **Tumori** 1985 Feb 28;71(1):51–4

[Crystalluria during prophylactic treatment of urinary lithiasis with allopurinol, hydrochlorothiazide, manganese oxide, diphosphonates and propionohydroxamic acid] Buli P, et al. **Nephrologie** 1984;5(5):213–6 (Eng. Abstr.) **(Fre)**

[Hypercalcemic crises of myelomatous origin. Treatment with dichloromethylene diphosphonate (letter)] Conte N, et al. **Presse Med** 1984 Nov 24;13(42):2586 **(Fre)**

[Diphosphonates in the treatment of hypercalcemia] Delmas PD, et al. **Rev Med Interne** 1984 Nov;5(4):363–6 (Eng. Abstr.) **(Fre)**

[Role of diphosphonates in the therapy of osteolysis and malignant hypercalcemia] Delmas PD, et al. **Rev Rhum Mal Osteoartic** 1984 Dec 15;51(11):663–6 **(Fre)**

[Efficacy of intravenous dichloromethylene diphosphonate in paraneoplastic hypercalcemia resistant to mithramycin] Peyron R, et al. **Rev Rhum Mal Osteoartic** 1984 Jul–Sep; 51(7–8):435–7 **(Fre)**

[Biphosphonate as a therapeutic drug—experimental studies and clinical application] Fleisch H. **Ther Umsch** 1985 Jun; 42(6):366–75 (111 ref.) (Eng. Abstr.) **(Ger)**

[Preoperative normalization of hypercalcemia, caused by parathyroid cancer, by intravenous administration of dichloromethylene diphosphonate] Conte N, et al. **Minerva Endocrinol** 1984 Jan–Mar;9(1):47–8 **(Ita)**

TOXICITY

Elimination of phagocytic cells in the spleen after intravenous injection of liposome–encapsulated dichloromethylene diphosphonate. An enzyme–histochemical study. van Rooijen N, et al. **Cell Tissue Res** 1984;238(2):355–8

DIPHOSPHOPYRIDINE NUCLEOTIDE see NAD

DIPHTHERIA

[Status and tasks of goal–oriented planning of research with regard to the problem of diphtheria] Favorova LA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Jul;(7):90–4 (Eng. Abstr.) **(Rus)**

[Diphtheric myocarditis in children: diagnostic value of serum glutamic–oxaloacetic transaminase] Aguilar–Avila R, et al. **Bol Med Hosp Infant Mex** 1984 Aug;41(8):416–20 (Eng. Abstr.) **(Spa)**

COMPLICATIONS

Hemorrhagic diphtheria. Saguanchua P, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun; 15(2):261–4

[A case of torsade de pointes tachycardia complicating diphtheria] Mitamura E, et al. **Kokyu To Junkan** 1985 Feb; 33(2):223–8 (Eng. Abstr.) **(Jpn)**

[Croup in toxic forms of diphtheria in adults] Pokrovskii VI, et al. **Ter Arkh** 1985;57(5):119–22 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Fatal diphtheria in an older woman. Epp C, et al. **Can Med Assoc J** 1985 Mar 15;132(6):663–4

Non–streptococcal pharyngitis. Brunell PA. **Pediatr Infect Dis** 1985 May–Jun;4(3 Suppl):S44–5

[Current evaluation of diphtheria] Bachmann KD. **Monatsschr Kinderheilkd** 1984 Dec;132(12):880–5 (Eng. Abstr.) **(Ger)**

[Diphtheria of the throat in adults hospitalized for tonsillitis] Ostrovskii NN, et al. **Sov Med** 1984;(11):93–6 **(Rus)**

[Diphtheria in adults] Pokrovskii VI, et al. **Sov Med** 1984; (11):89–93 **(Rus)**

DRUG THERAPY

The protective effect of carnitine in human diphtheric myocarditis. Ramos AC, et al. **Pediatr Res** 1984 Sep; 18(9):815–9

HISTORY

Diphtheria and theories of infectious disease: centennial appreciation of the critical role of diphtheria in the history of medicine. English PC. **Pediatrics** 1985 Jul;76(1):1–9

IMMUNOLOGY

Immunity against diphtheria 25–30 years after primary vaccination in childhood. Kjeldsen K, et al. **Lancet** 1985 Apr 20;1(8434):900–2

[Course of late toxicosis of pregnancy in relation to the degree of immunity to diphtheria and tetanus] Seitzhanova KD. **Akush Ginekol (Mosk)** 1985 May;(5):32–3 (Eng. Abstr.) (Rus)

[Biological, genetic and epidemiological aspects of diphtheria and normal human microflora] Krylova MD. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Mar;(3):37–45 (30 ref.) (Rus)

MICROBIOLOGY

Conversion by corynephages and its role in the natural history of diphtheria. Groman NB. **J Hyg (Lond)** 1984 Dec; 93(3):405–17

OCCURRENCE

Diphtheria: a possible foodborne outbreak in Hodeida, Yemen Arab Republic. Jones EE, et al. **Bull WHO** 1985; 63(2):287–93

Endemicity of diphtheria in an Indian population in northwestern Ontario. Young TK. **Can J Public Health** 1984 Jul–Aug;75(4):310–3

Prevalence of diphtheria carriers in a population with disappearing clinical diphtheria. Kalapothaki V, et al. **Infection** 1984 Nov–Dec;12(6):387–9

Diphtheria in North America. Dixon JM. **J Hyg (Lond)** 1984 Dec;93(3):419–32

Diphtheria in Europe. Kwantes W. **J Hyg (Lond)** 1984 Dec; 93(3):433–7

Carriage of Corynebacterium diphtheriae in children of the Eastern Highlands province. Montgomery J. **Papua New Guinea Med J** 1984 Mar;27(1):20–3

[Toward the eradication of diphtheria in Chile] Fernández E, et al. **Rev Chil Pediatr** 1984 Sep–Oct;55(5):345–58 (Eng. Abstr.) (Spa)

[Experiences from the diphtheria outbreak in Gothenburg. Basic vaccination data should be computerized] Iwarson S. **Nord Med** 1985;100(2):35–6 (Swe)

PREVENTION & CONTROL

An epidemiological study of the 1978 outbreak of diphtheria in Khartoum Province. Salih MA, et al. **J Trop Pediatr** 1985 Feb;31(1):8–12

Leads from the MMWR. Diphtheria, tetanus, and pertussis: guidelines for vaccine prophylaxis and other preventive measures. **JAMA** 1985 Aug 16;254(7):895–7, 900

Leads from the MMWR. Diphtheria, tetanus, and pertussis: guidelines for vaccine prophylaxis and other preventive measures. **JAMA** 1985 Aug 23–30;254(8):1009–11, 1014–6

Diphtheria and tetanus boosters [editorial] **Lancet** 1985 May 11;1(8437):1081–2

Booster immunisation for diphtheria and tetanus: no evidence of need in adults. Mathias RG, et al. **Lancet** 1985 May 11;1(8437):1089–91

Diphtheria, tetanus, and pertussis: guidelines for vaccine prophylaxis and other preventive measures. Immunization Practices Advisory Committee. **MMWR** 1985 Jul 12; 34(27):405–14, 419–26

Selective primary health care: strategies for control of disease in the developing world. XVII. Pertussis and diphtheria. Hewlett EL. **Rev Infect Dis** 1985 May–Jun;7(3):426–33 (80 ref.)

[Preventive diphtheria vaccination of adolescents and adults] Ehrengut W. **Off Gesundheitswes** 1984 Sep;46(9):473–4 (Ger)

[Basis of the changes in vaccination schedule and rules of the State of São Paulo—1984 (measles, diphtheria, whooping cough and tetanus)] de Almeida MM, et al. **Rev Paul Med** 1984 Jul–Aug;102(4):177–80 (Por)

[Experience of the People's Republic of Bulgaria in controlling diphtheria, tetanus and whooping cough] Polikar ACh, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):92–6 (Eng. Abstr.) (Rus)

[Importance of vaccination and bacteriological studies in diphtheria epidemics] Kanra G, et al. **Mikrobiyol Bul** 1985 Jul;19(3):152–7 (Eng. Abstr.) (Tur)

DIPHTHERIA ANTITOXIN

ANALYSIS

Transplacental antibodies. Part II: Maternal antibodies against the toxins of C. diphtheriae and C. tetani. Celko A, et al. **J Hyg Epidemiol Microbiol Immunol** 1985; 29(1):83–8

[Preliminary study on the use of ELISA (microtechnic) in detecting antibodies to diphtheria toxin as compared with Schick test] Li BQ. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Feb; 6(1):47–9 (Eng. Abstr.) (Chi)

[Automated microplate-photometry for titration of anti-diphtheria toxin by cell culture method and by enzyme-linked immunoassay] Yamauchi K, et al. **Rinsho Byori** 1984 Jun;32(6):661–5 (Jpn)

DIPHTHERIA TOXIN

Circular dichroism of diphtheria toxin, Pseudomonas aeruginosa exotoxin A, and various derivatives. Collins CM, et al. **Biochim Biophys Acta** 1985 Apr 5;828(2):138–43

The complete amino acid sequence of diphtheria toxin fragment B. Correlation with its lipid-binding properties. Falmagne P, et al. **Biochim Biophys Acta** 1985 Jan 21; 827(1):45–50

Interaction of diphtheria toxin with adenylyl-(3',5')-uridine 3'-monophosphate. I. Equilibrium and kinetic measurements. Collins CM, et al. **J Biol Chem** 1984 Dec 25;259(24):15154–8

Interaction of diphtheria toxin with adenylyl-(3',5')-uridine 3'-monophosphate. II. The NAD-binding site and determinants of dinucleotide affinity. Collins CM, et al. **J Biol Chem** 1984 Dec 25;259(24):15159–62

Requirements for the translocation of diphtheria toxin fragment A across lipid membranes. Donovan JJ, et al. **J Biol Chem** 1985 Jul 25;260(15):8817–23

The diphtheria bacillus and its toxin: a model system. Pappenheimer AM Jr. **J Hyg (Lond)** 1984 Dec; 93(3):397–404

Channels formed by botulinum, tetanus, and diphtheria toxins in planar lipid bilayers: relevance to translocation of proteins across membranes. Hoch DH, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1692–6

ANALYSIS

Evidence for direct insertion of fragments A and B of diphtheria toxin into model membranes. Hu VW, et al. **J Biol Chem** 1984 Oct 10;259(19):12226–33

BIOSYNTHESIS

Highly toxinogenic but avirulent Park-Williams 8 strain of Corynebacterium diphtheriae does not produce siderophore. Russell LM, et al. **Infect Immun** 1985 Feb; 47(2):575–8

GENETICS

DNA relationships among some tox-bearing corynebacteriophages. Buck GA, et al. **Infect Immun** 1985 Sep;49(3):679–84

A beta-related corynebacteriophage which lacks a tox allele but can acquire it by recombination with converting phage. Cianciotto N, et al. **Infect Immun** 1985 Jul;49(1):32–5

Characterization of the diphtheria tox transcript in Corynebacterium diphtheriae and Escherichia coli. Leong D, et al. **J Bacteriol** 1985 Sep;163(3):1114–9

Diphtheria toxin. Effect of substituting aspartic acid for glutamic acid 148 on ADP-ribosyltransferase activity. Tweten RK, et al. **J Biol Chem** 1985 Sep 5;260(19):10392–4

Diphtheria toxin promoter function in Corynebacterium diphtheriae and Escherichia coli. Kaczorek M, et al. **Nucleic Acids Res** 1985 May 10;13(9):3147–59

IMMUNOLOGY

Some properties of IgG against diphtheria toxin synthesized in Xenopus oocytes containing mRNA from hybridoma. Hara Y, et al. **Biochim Biophys Acta** 1985 Jun 24; 825(2):188–98

Immunoenzymatic assay of anti-diphtheric toxin antibodies in human serum. Camargo ME, et al. **J Clin Microbiol** 1984 Oct;20(4):772–4

Monoclonal antibody analysis of diphtheria toxin—II. Inhibition of ADP-ribosyl-transferase activity. Zucker DR, et al. **Mol Immunol** 1984 Sep;21(9):795–800

Monoclonal antibody analysis of diphtheria toxin—I. Localization of epitopes and neutralization of cytotoxicity. Zucker DR, et al. **Mol Immunol** 1984 Sep;21(9):785–93

METABOLISM

Introduction of macromolecules into hemopoietic stem cells with an erythrocyte-ghost-mediated system. Hosoi T, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):193–8

Role of glycosylation in expression of functional diphtheria toxin receptors. Hranitzky KW, et al. **Infect Immun** 1985 Aug;49(2):336–43

Quantal entry of diphtheria toxin to the cytosol. Hudson TH, et al. **J Biol Chem** 1985 Mar 10;260(5):2675–80

Entry of diphtheria toxin linked to concanavalin A into primate and murine cells. Guillemot JC, et al. **J Cell Physiol** 1985 Feb;122(2):193–9

Route of pseudomonas and diphtheria toxin entry into mammalian cells: basis for susceptibility to toxin. Morris RE, et al. **Surv Synth Pathol Res** 1985;4(1):34–43

PHARMACODYNAMICS

Diphtheria toxin induces leakage of acidic liposomes. Lai CS, et al. **Arch Biochem Biophys** 1984 Oct;234(1):1–6

Aggregation and fusion of lipid vesicles induced by diphtheria toxin at low pH: possible involvement of the P site and the NAD+ binding site. Cabiaux V, et al. **Biosci Rep** 1985 Mar;5(3):243–50

Characterization of a transferrin-diphtheria toxin conjugate. O'Keefe DO, et al. **J Biol Chem** 1985 Jan 25;260(2):932–7

Characterization of diphtheria-toxin-resistant mutants lacking receptor function or containing nonribosylatable elongation factor 2. Kohno K, et al. **Somatic Cell Mol Genet** 1985 Sep;11(5):421–31

TOXICITY

Determination of cytotoxicity in vivo using 111indium-labeled human tumor cells. Lockshin A, et al. **Cancer Lett** 1984 Sep;24(2):179–85

Inhibition of coated pit formation in Hep2 cells blocks the cytotoxicity of diphtheria toxin but not that of ricin toxin. Moya M, et al. **J Cell Biol** 1985 Aug;101(2):548–59

Toxicity of ricin, diphtheria toxin and alpha-Amanitin for Acanthamoeba castellanii (1983). Howell MD, et al. **J Parasitol** 1984 Dec;70(6):918–23

Autoradiographic assay of mutants resistant to diphtheria toxin in mammalian cells in vitro. Ronen A, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6124–8

Toxin-antitoxin selection for isolating somatic cell fusion products between any cell types. Wright WE. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7822–6

[Diphtheria toxin. Its structure and mode of action] Ionescu M. **Rev Ig [Bacteriol]** 1984 Oct–Dec;29(4):289–301 (44 ref.) (Eng. Abstr.) (Rum)

DIPHTHERIA TOXOID

ADMINISTRATION & DOSAGE

Immunization coverage increased in Suriname. **Bull Pan Am Health Organ** 1985;19(1):101–2

Fractional doses of DPT vaccine [letter] Waters JR. **Can Med Assoc J** 1985 Jun 1;132(11):1253, 1255

Status of DPT vaccination programme. Basu RN. **Indian Pediatr** 1984 Jun;21(6):435–8

An epidemiological assessment of immunization programme participation in the Philippines. Friede AM, et al. **Int J Epidemiol** 1985 Mar;14(1):135–42

Safety and immunogenicity of Haemophilus influenzae type b-polysaccharide diphtheria toxoid conjugate vaccine in infants 9 to 15 months of age. Lepow ML, et al. **J Pediatr** 1985 Feb;106(2):185–9

Leads from the MMWR. Reinstatement of regular diphtheria-tetanus-pertussis vaccine schedule. **JAMA** 1985 May 17;253(19):2820

Leads from the MMWR. Diphtheria, tetanus, and pertussis: guidelines for vaccine prophylaxis and other preventive measures. **JAMA** 1985 Aug 23–30;254(8):1009–11, 1014–6

Leads from the MMWR. Diphtheria, tetanus, and pertussis: guidelines for vaccine prophylaxis and other preventive measures. **JAMA** 1985 Aug 16;254(7):895–7, 900

Mixing measles vaccine with DPT and DPTP [letter] John TJ, et al. **Lancet** 1985 May 18;1(8438):1154

Immunity against diphtheria 25–30 years after primary vaccination in childhood. Kjeldsen K, et al. **Lancet** 1985 Apr 20;1(8434):900–2

Reinstatement of regular diphtheria-tetanus-pertussis vaccine schedule. **MMWR** 1985 Apr 26;34(16):231–2

Diphtheria, tetanus, and pertussis: guidelines for vaccine prophylaxis and other preventive measures. Immunization Practices Advisory Committee. **MMWR** 1985 Jul 12; 34(27):405–14, 419–26

Primary immunization with diphtheria-tetanus toxoids vaccine and diphtheria-tetanus toxoids-pertussis vaccine adsorbed: comparison of schedules. Barkin RM, et al. **Pediatr Infect Dis** 1985 Mar–Apr;4(2):168–71

Effect of passive immunity to tetanus in DTP vaccinated infants. Sangpetchsong V, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):117–23

[Data on the inoculation coverage against diphtheria, pertussis and tetanus of children in the 1st 3 years of life] Kasimova DIa, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec;(12):72–5 (Eng. Abstr.) (Rus)

[Experiences from the diphtheria outbreak in Gothenburg. Basic vaccination data should be computerized] Iwarson S. **Nord Med** 1985;100(2):35–6 (Swe)

ADVERSE EFFECTS

Ventilatory pattern following diphtheria-tetanus-pertussis immunization in infants at risk for sudden infant death syndrome. Keens TG, et al. **Am J Dis Child** 1985 Oct; 139(10):991–4

Comparison of the morbidity of tetanus toxoid boosters with tetanus-diphtheria toxoid boosters. Macko MB, et al. **Ann Emerg Med** 1985 Jan;14(1):33–5

The incidence and type of reactions to plain and adsorbed DTP vaccines. Feery BJ, et al. **Aust Paediatr J** 1985 May; 21(2):91–5

Fractional doses of DPT vaccine [letter] **Can Med Assoc J** 1985 Jan 15;132(2):96–7

Congenital heart disease and DPT vaccination [letter] Leung A. **Can Med Assoc J** 1984 Sep 15;131(6):541

Efficacy of an acellular pertussis vaccine in Japan. Aoyam T, et al. **J Pediatr** 1985 Aug;107(2):180–3

Response of preterm infants to diphtheria-tetanus-pertu immunizations. Bernbaum JC, et al. **J Pediatr** 1985 Aug;107(2):184-8

Need for new strategies for an old, persistent disease [editorial] St. Geme JW Jr, et al. **J Pediatr** 1985 Aug;107(2):245-6

History of convulsions and use of pertussis vaccine. Stetler HC, et al. **J Pediatr** 1985 Aug;107(2):175-9

Erythema multiforme following DPT vaccination [letter] Leung AK. **J R Soc Med** 1984 Dec;77(12):1066-7

Anaphylaxis to DPT vaccine [letter] Leung AK. **J R Soc Med** 1985 Feb;78(2):175

The pediatric vaccine controversy: what should the doctor do? [editorial] Nelson AR. **JAMA** 1984 Dec 7;252(21):3013-4

Recurrent abscess formation following DTP immunizations: association with hypersensitivity to tetanus toxoid. Church JA, et al. **Pediatrics** 1985 May;75(5):899-900

A call for clinical prudence in use of DTP and other vaccines [letter] Geraghty KC. **Pediatrics** 1984 Nov;74(5):902-3

Outbreaks of group A streptococcal abscesses following diphtheria-tetanus toxoid-pertussis vaccination. Stetler HC, et al. **Pediatrics** 1985 Feb;75(2):299-303

[Shock associated with disseminated intravascular coagulation syndrome following injection of DT.TAB vaccine (letter)] Cailleba A, et al. **Presse Med** 1984 Sep 15;13(31):1900 **(Fre)**

ANALYSIS

Single radial immunodiffusion as a method for the identification and quantitation of diphtheria and tetanus toxoids in adsorbed vaccines. Melville-Smith ME. **J Biol Stand** 1985 Jan;13(1):77-86

The identification of diphtheria, tetanus and pertussis vaccines by single radial and double immunodiffusion techniques. Winsnes R, et al. **J Biol Stand** 1985 Jan;13(1):31-4

IMMUNOLOGY

Serum opsonic activity after immunization of adults with Haemophilus influenzae type b-diphtheria toxoid conjugate vaccine. Cates KL, et al. **Infect Immun** 1985 Apr;48(1):183-9

An investigation of a mouse model to estimate the potency of the diphtheria component in vaccines. Kreeftenberg JG, et al. **J Biol Stand** 1985 Jul;13(3):229-34

Safety and immunogenicity of Haemophilus influenzae type B polysaccharide-diphtheria toxoid conjugate vaccine in adults. Lepow ML, et al. **J Infect Dis** 1984 Sep;150(3):402-6

Pediatric diphtheria and tetanus toxoids vaccine: clinical and immunologic response when administered as the primary series. Barkin RM, et al. **J Pediatr** 1985 May;106(5):779-81

Antibody levels achieved in infants by course of Haemophilus influenzae type B polysaccharide/diphtheria toxoid conjugate vaccine. Eskola J, et al. **Lancet** 1985 May 25;1(8439):1184-6

[Status of immunization of ten-year-olds against poliomyelitis, diphtheria, tetanus, pertussis, measles and mumps] Schmitt L. **Off Gesundheitswes** 1984 Oct;46(10):494-6 **(Ger)**

[Comparative study of the immunoglobulins and specific antibodies in the blood of rabbits immunized with ADTP vaccine and ADT-anatoxin with normal and reduced antigen contents] Kozlova NN, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):39-42 (Eng. Abstr.) **(Rus)**

METABOLISM

The interaction of slow-release immunoadjuvants with selected antigens measured in vitro. Penney C, et al. **J Biol Stand** 1985 Jan;13(1):43-52

SUPPLY & DISTRIBUTION

Leads from the MMWR. Diphtheria-tetanus-pertussis vaccine shortage--United States. **JAMA** 1985 Jan 4;253(1):22-3

Leads from the MMWR. Diphtheria-tetanus-pertussis vaccine shortage. **JAMA** 1985 Mar 15;253(11):1540-1

Diphtheria-tetanus-pertussis vaccine shortage--United States. **MMWR** 1984 Dec 14;33(49):695-6

Diphtheria-tetanus-pertussis vaccine shortage. **MMWR** 1985 Feb 22;34(7):103-4

—

THERAPEUTIC USE

Reduced dose of DTP vaccine [letter] Wassilak SG, et al. **J Pediatr** 1985 Apr;106(4):693-5

[Preventive diphtheria vaccination of adolescents and adults] Ehrengut W. **Off Gesundheitswes** 1984 Sep;46(9):473-4 **(Ger)**

[Importance of vaccination and bacteriological studies in diphtheria epidemics] Kanra G, et al. **Mikrobiyol Bul** 1985 Jul;19(3):152-7 (Eng. Abstr.) **(Tur)**

DIPHTHERIA VACCINE see DIPHTHERIA TOXOID

DIPHYLLOBOTHRIASIS

ETIOLOGY

[The status of diphyllobothriasis in various northern regions of the European area of the RSFSR in relation to the planned redistribution of water reservoirs] Artamoshin AS, et al. **Med Parazitol (Mosk)** 1985 Mar-Apr;(2):29-32 (Eng. Abstr.) **(Rus)**

HISTORY

The finding of eggs of Diphyllobothrium in human coprolites (4,100-1,950 B.C.) from northern Chile. Ferreira LF, et al. **Mem Inst Oswaldo Cruz** 1984 Apr-Jun;79(2):175-80

PARASITOLOGY

The ecology of Diphyllobothrium latum. von Bonsdorff B, et al. **Ecol Dis** 1982;1(1):21-6

TRANSMISSION

Hold the sushi [letter] Goldmann DR. **JAMA** 1985 May 3;253(17):2495-6

[Additional hosts of tapeworms and factors in the transmission of diphyllobothriasis in the Lower Priamur region] Muratov IV. **Med Parazitol (Mosk)** 1985 Mar-Apr;(2):24-8 (Eng. Abstr.) **(Rus)**

VETERINARY

[New evidence of the capacity of parasite-infected fish for a humoral immune response] Balakhnin IA. **Dokl Akad Nauk SSSR** 1985;281(6):1492-4 **(Rus)**

DIPHYLLOBOTHRIUM

DRUG EFFECTS

The effect of praziquantel, an antihelminthicum, on the peptidergic nervous system of the tapeworm Diphyllobothrium dendriticum. Gustafsson MK, et al. **Med Biol** 1985;63(1):28-33

GROWTH & DEVELOPMENT

The ecology of Diphyllobothrium latum. von Bonsdorff B, et al. **Ecol Dis** 1982;1(1):21-6

IMMUNOLOGY

Coracidia agglutination reaction of pseudophyllid cestodes and its application in cestode studies. Freze VI, et al. **Angew Parasitol** 1985 May;26(2):85-90

ISOLATION & PURIFICATION

Cestode fauna of hill-stream fishes in Garhwal Himalayas, India. II. Bothriocephalus teleostei n. sp. from Barilius bola and Schizothorax richardsonii. Malhotra SK. **Bol Chil Parasitol** 1984 Jan-Jun;39(1-2):6-9

The finding of eggs of Diphyllobothrium in human coprolites (4,100-1,950 B.C.) from northern Chile. Ferreira LF, et al. **Mem Inst Oswaldo Cruz** 1984 Apr-Jun;79(2):175-80

METABOLISM

Immunocytochemical demonstration of neuropeptides and serotonin in the tapeworm Diphyllobothrium dendriticum. Gustafsson MK, et al. **Cell Tissue Res** 1985;240(2):255-60

PHYSIOLOGY

[Additional hosts of tapeworms and factors in the transmission of diphyllobothriasis in the Lower Priamur region] Muratov IV. **Med Parazitol (Mosk)** 1985 Mar-Apr;(2):24-8 (Eng. Abstr.) **(Rus)**

DIPLOCOCCUS PNEUMONIAE see STREPTOCOCCUS PNEUMONIAE

DIPLOIDY

Hyperdiploidy of 54 chromosomes with double Ph1 chromosome in lymphoid chronic myelocytic leukemic blast crisis. Clemm C, et al. **Acta Haematol (Basel)** 1985;73(3):163-7

Partial hydatidiform mole with diploid karyotype: report of three cases. Teng NN, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):961-4

Test statistics for detecting aneuploidy and hyperdiploidy. Weber JE, et al. **Anal Quant Cytol Histol** 1985 Jun;7(2):131-9

Growth of diploid cells from breast cancers. Wolman SR, et al. **Cancer Genet Cytogenet** 1985 Mar 1;16(1):49-64

Emergence of a population of small, diploid hepatocytes during hepatocarcinogenesis. Schwarze PE, et al. **Carcinogenesis** 1984 Oct;5(10):1267-75

Control of meiosis by somatic cells in mice: inheritance of the meiosis I error 'diploidy' and nonexpression in sensitive NMRI/Han oocytes ovulated from chimeras. Bartels I, et al. **Cell Differ** 1984 Dec;15(2-4):189-94

Interactions between diploid embryonal carcinoma cells and early embryonic cells. Papaioannou VE, et al. **Cell Differ** 1984 Dec;15(2-4):175-9

Diploid-tetraploid mosaicism in a malformed boy. Quiroz E, et al. **Clin Genet** 1985 Feb;27(2):183-6

Assessment of mutagenic damage by monofunctional alkylating agents and gamma radiation in haploid and diploid frogs, Xenopus laevis. Hart DR, et al. **Environ Mutagen** 1984;6(5):719-35

Merodiploidy in Escherichia coli-Salmonella typhimurium crosses: the role of unequal recombination between ribosomal RNA genes. Lehner AF, et al. **Genetics** 1985 Jul;110(3):365-80

Heterozygosity and developmental stability in gynogenetic diploid and triploid rainbow trout. Leary RF, et al. **Heredity (Edinburgh)** 1985 Apr;54 (Pt 2):219-25

Genetic analysis of adenine metabolism in Leishmania donovani promastigotes. Evidence for diploidy at the adenine phosphoribosyltransferase locus. Iovannisci DM, et al. **J Biol Chem** 1984 Dec 10;259(23):14617-23

Diploid gynogenesis in Xenopus laevis and the localization with respect to the centromere of the gene for periodic albinism ap. Thiébaud CH, et al. **J Embryol Exp Morphol** 1984 Oct;83:33-42

Significance of a diploid number of 20 in the peccary Catagonus wagneri. Todd NB. **J Hered** 1985 Jul-Aug;76(4):310

Complementation and genetic inactivation: two alternative mechanisms leading to prototrophy in diploid bacterial clones. Lévi-Meyrueis C, et al. **MGG** 1984;196(3):488-93

Establishment of a human diploid cell strain. Yanagisawa K, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 1;5(1):49-54

[Variability of alkaline phosphatase activity in diploid human cells in vitro] Terekhov SM, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):710-2 (Eng. Abstr.) **(Rus)**

[Mutability of the LYS2 gene in diploid saccharomycete yeasts. I. The occurrence of spontaneous mutants and mutants induced by x-ray and ultraviolet radiation] Chernov IuO, et al. **Genetika** 1985 Apr;21(4):564-73 (Eng. Abstr.) **(Rus)**

[Variability of the nucleolus count in clones of human diploid fibroblasts in vitro. The relationship to the potential for division and the morphology of the cells] Terekhov SM, et al. **Tsitol Genet** 1984 Nov-Dec;18(6):408-12 (Eng. Abstr.) **(Rus)**

DIPLOPIA

CHEMICALLY INDUCED

Postoperative diplopia and ptosis. A clinical hypothesis based on the myotoxicity of local anesthetics. Rainin EA, et al. **Arch Ophthalmol** 1985 Sep;103(9):1337-9

The neuronal basis for diplopia following local anesthetic injections. Kronman JH, et al. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):533-4

[Diplopia and hypersomnia caused by flunitrazepam (letter)] Trechot P, et al. **Presse Med** 1985 Jun 1;14(22):1247 **(Fre)**

[What is your diagnosis? Myasthenic reaction to propranolol] Kaeser HE. **Schweiz Rundsch Med Prax** 1984 Nov 27;73(48):1471-2 **(Ger)**

COMPLICATIONS

Dermatomyositis spares extraocular muscles [letter] Scoppetta C, et al. **Neurology** 1985 Jan;35(1):141

DIAGNOSIS

[Dynamic procedure for the quantitative determination of the field of binocular diplopia] Epstein D, et al. **Fortschr Ophthalmol** 1984;81(3):282-4 (Eng. Abstr.) **(Ger)**

[New method and device for free-space cyclotropometry] Kolomiets VA. **Oftalmol Zh** 1984;(3):140-4 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Endocrine ophthalmopathy and asymptomatic atrophic thyroiditis. An unusual association. Peters O, et al. **Acta Clin Belg** 1985;40(1):17-21

Face pain and diplopia in a patient with breast cancer. Kay MC. **Am J Ophthalmol** 1985 Aug 15;100(2):344-5

Diplopia. Lee J, et al. **Br J Hosp Med** 1985 Jul;34(1):13, 17-18, 20

Late onset diplopia with congenital esotropia. Rutstein RP. **J Am Optom Assoc** 1985 Apr;56(4):280-4

Diplopia. A review of 48 cases of isolated ocular cranial neuropathy. Wortham E, et al. **J Okla State Med Assoc** 1985 Apr;78(4):99-103

Binocular diplopia associated with retinal wrinkling. Bixenman WW, et al. **J Pediatr Ophthalmol Strabismus** 1984 Nov-Dec;21(6):215-9

Diplopia: an unusual presentation of insulinoma [letter] Savion M, et al. **J R Soc Med** 1985 Aug;78(8):697

Diplopia following Jones tube placement. Skov CM, et al. **Ophthalmic Surg** 1984 Nov;15(11):932-3

Cyclic vertical deviation. Metz HS, et al. **Trans Am Ophthalmol Soc** 1984;82:158-65

[Cerebral infarction in the area of the anterior choroidal artery with oculomotor disorder] Viader F, et al. **Rev Neurol (Paris)** 1984;140(11):668-70 (Eng. Abstr.) **(Fre)**

FAMILIAL & GENETIC

Late-onset oculogastrointestinal muscular dystrophy. Ionasescu VV, et al. **Am J Med Genet** 1984 Aug;18(4):781-8

SURGERY

[Surgical correction of diplopia in patients with endocrine myopathy] Brovkina AF, et al. **Vestn Oftalmol** 1985

Mar-Apr;101(2):45-8 (Eng. Abstr.) (Rus)

THERAPY

Motility disorders in endocrine ophthalmopathy. Sterk CC, et al. **Doc Ophthalmol** 1985 Jan 31;59(1):71-5

Fresnel prism correction for trauma-induced diplopia. Woo GC, et al. **Ophthalmic Physiol Opt** 1985;5(1):59-62

[Surgical treatment of diplopia caused by fractures of the orbital floor] Morax S, et al. **J Fr Ophtalmol** 1984; 7(10):633-47 (Eng. Abstr.) (Fre)

DIPODOMYS see under **RODENTIA**

DIPRENORPHINE see under **MORPHINANS**

DIPROPYL ACETATE see **VALPROATE**

DIPTERA

Dermatobia hominis dermal myiasis. A furuncular lesion in a world traveler. File TM Jr, et al. **Arch Dermatol** 1985 Sep;121(9):1195-6

Dieldrin and diazinon resistance in populations of the Australian sheep blowfly, Lucilia cuprina, from sheep-grazing areas and rubbish tips. McKenzie JA. **Aust J Biol Sci** 1984;37(5-6):367-74

Cutaneous myiasis caused by larvae of Cordylobia anthropophaga acquired in Europe. Baily GG, et al. **Br Med J [Clin Res]** 1985 May 18;290(6480):1473-4

Control of flies (Diptera: Muscidae) on dairy heifers by Flectron ear-tags. Hillerton JE, et al. **Br Vet J** 1985 Mar-Apr;141(2):160-7

Activation of murine macrophage-like cell line J774.1 by Sarcophaga peregrina lectin. Itoh A, et al. **Gann** 1984 Aug; 75(8):714-23

Botfly (Dermatobia hominis) myiasis. Kenney RL, et al. **Int J Dermatol** 1984 Dec;23(10):676-7

Chin-ball application of permethrin to cows for horn fly (Diptera: Muscidae) control. Harvey TL, et al. **J Econ Entomol** 1984 Jun;77(3):655-6

Specific resistance to malathion in laboratory and field populations of the Australian sheep blowfly, Lucilia cuprina (Diptera: Calliphoridae). Hughes PB, et al. **J Econ Entomol** 1984 Dec;77(6):1400-4

Use of age structure to assess insecticidal treatments of face fly populations, Musca autumnalis DeGeer (Diptera: Muscidae). Krafsur ES. **J Econ Entomol** 1984 Dec; 77(6):1364-6

Relationship between numbers of face flies (Diptera: Muscidae) and nearest-neighbor distance among Holstein cows. Schmidtmann ET, et al. **J Econ Entomol** 1985 Feb; 78(1):102-5

Two cases of human myiasis caused by Phaenicia sericata (Diptera: Calliphoridae) in Chicago area hospitals. Greenberg B. **J Med Entomol** 1984 Sep 28;21(5):615

Chlorocyclohexane insecticides and male medfly attractants: similar stereospecificity for neuroactivity and interactions with a housefly [35S]t-butylbicyclophosphorothionate binding site. Cohen E, et al. **Life Sci** 1985 May 13; 36(19):1837-42

Arthropod parasites of Hartmann's mountain zebra, Equus zebra hartmannae, in South West Africa/Namibia. Horak IG, et al. **Onderstepoort J Vet Res** 1984 Sep;51(3):183-7

Epidemiology of Oestrus ovis infection of sheep in Morocco. Pandey VS, et al. **Trop Anim Health Prod** 1984 Nov; 16(4):246-52

Systemic activity of a benzimidazoline compound in cattle against ticks and biting flies. Boisvenue RJ, et al. **Vet Parasitol** 1985 Apr;17(4):327-35

Effect of flucythrinate impregnated ear tags on fly attack in cattle. Taylor SM, et al. **Vet Rec** 1985 May 25; 116(21):566-7

Horn fly attack in Scotland [letter] Titchener R. **Vet Rec** 1984 Dec 15;115(24):634

Maggot therapy revisited. Bunkis J, et al. **West J Med** 1985 Apr;142(4):554-6

[The warble fly Oestromyia leporina (Diptera, Hypodermatidae) as a parasite of the wild rabbit (Oryctolagus cuniculus)] Schumann H, et al. **Angew Parasitol** 1985 Mar;26(1):51-52 (Ger)

[Seasonal occurrence of pests (Diptera) on pastured cattle in Chiemgau during the pasturing period 1983] Eckert I, et al. **Berl Munch Tierarztl Wochenschr** 1984 Oct 1; 97(10):373-7 (Eng. Abstr.) (Ger)

[Long-term effect of insecticide-bearing ear tags (permethrin and cypermethrin) in controlling flies and tabanids on pasturing cattle in North Germany] Liebisch A. **DTW** 1985 May 7;92(5):186-91 (Eng. Abstr.) (Ger)

[Horseflies in the extreme north of the USSR and their aggressiveness] Olsuf'ev NG, et al. **Med Parazitol (Mosk)** 1985 Jan-Feb;(1):23-8 (Eng. Abstr.) (Rus)

[Effectiveness of the multiyear use of traps in controlling gadflies (Diptera, Tabanidae) in pastures] Pavlova RP. **Med Parazitol (Mosk)** 1985 May-Jun;(3):41-4 (Eng. Abstr.) (Rus)

[History and status of the problem of the development of methods for formulating the prognosis of malaria, its vectors and other blood-sucking flies in areas of the construction and operation of large hydraulic engineering installations in the Ukraine] Shevchenko AK, et al. **Med Parazitol (Mosk)** 1985 May-Jun;(3):62-8 (Eng. Abstr.) (Rus)

[Effect of seasonal temperature changes on the rate of cadaver destruction by fly larvae] Marchenko MI, et al. **Sud Med Ekspert** 1984 Oct-Dec;27(4):11-4 (Eng. Abstr.) (Rus)

[Red mosquito larvae triggered IGE-mediated allergy in aquarium owners] Eriksson NE, et al. **Lakartidningen** 1984 Oct 24;81(43):3951-3 (Swe)

ANALYSIS

Ionophore activity of sarcotoxin I, a bactericidal protein of Sarcophaga peregrina. Okada M, et al. **Biochem J** 1985 Jul 15;229(2):453-8

Glycosphingolipids in insects. Chemical structures of ceramide monosaccharide, disaccharide, and trisaccharide from pupae of Calliphora vicina (Insecta: Diptera). Dennis RD, et al. **Eur J Biochem** 1985 Jan 2;146(1):51-8

ANATOMY & HISTOLOGY

[Status of disintegration and forensic value of empty fly pupae] Reiter C, et al. **Arch Kriminol** 1985 Jan-Feb; 175(1-2):47-56 (Ger)

CLASSIFICATION

A new species of genus Orthellia from China (Diptera: Muscidae). Ni T, et al. **Acta Acad Med Wuhan** 1984; 4(3):138-9

Two new species of Tabanus from Hubei, China (Diptera: Tabanidae). Xu RM, et al. **Acta Acad Med Wuhan** 1984; 4(4):229-30

[Taxonomy of Gasterophilus larvae (Diptera:Gasterophilidae)] Wetzel H. **DTW** 1984 Jul 24; 91(7-8):258-60 (Eng. Abstr.) (Ger)

DRUG EFFECTS

Changes in fast green-histone amounts with NaCl and HCl treatments in the salivary glands of Bradysia spatitergum. Mello ML, et al. **Cell Mol Biol** 1985;31(1):17-25

Regulation of hemoglobin synthesis by ecdysterone and juvenile hormone during development of Chironomus thummi (Diptera). Vafopoulou-Mandalos X, et al. **Differentiation** 1984;27(2):94-105

Laboratory evaluation of an exotoxin from Bacillus thuringiensis subsp. morrisoni to horn fly larvae (Diptera: Muscidae) and mice. Haufler M, et al. **J Econ Entomol** 1985 Jun;78(3):613-6

Comparing residue exposure and topical application techniques for assessing permethrin resistance in house flies (Diptera: Muscidae). Hinkle NC, et al. **J Econ Entomol** 1985 Jun;78(3):722-4

Resistance of horn flies (Diptera: Muscidae) to permethrin and fenvalerate. Schmidt CD, et al. **J Econ Entomol** 1985 Apr;78(2):402-6

Rapid development of high-level permethrin resistance in a field-collected strain of the house fly (Diptera: Muscidae) under laboratory selection. Scott JG, et al. **J Econ Entomol** 1985 Apr;78(2):316-9

Influence of a juvenile hormone analog on reproduction of normal and sterilized adult horn flies (Diptera: Muscidae). Thomas DB. **J Econ Entomol** 1984 Jun;77(3):666-9

[Fluorescence microscopic and autoradiographic analyses of the differential reaction of various regions of polytene chromosomes in Chironomus to prolonged exposure to 7-amino-actinomycin D and 3H-actinomycin D] Valeeva FS, et al. **Tsitologiia** 1984 Nov;26(11):1255-61 (Eng. Abstr.) (Rus)

ENZYMOLOGY

A DNA polymerase alpha partially resistant to aphidicolin in cells and embryos of Med-fly (Ceratitis capitata Wied.). Scovassi AI, et al. **Biochem Int** 1983 Oct;7(4):481-91

GENETICS

Electrophoretic analysis of genetic variability in the house fly (Musca domestica L.). Black WC 4th, et al. **Biochem Genet** 1985 Apr;23(3-4):193-203

Ultrastructure of a temperature-induced Balbiani ring in Chironomus thummi. Santa-Cruz MC, et al. **Biol Cell** 1984; 52(3):205-11

Hybridization of poly(A)+RNA from salivary glands of Rhynchosciara americana to restriction DNA fragments and polytene chromosomes. Zaha A, et al. **Braz J Med Biol Res** 1984;17(3-4):257-64

Weak male-determining genes and female heterogamety in Chironomus tentans. Feraday R. **Can J Genet Cytol** 1984 Dec;26(6):748-51

Are there female heterogametic strains of Chironomus tentans Fabricius? Martin J, et al. **Can J Genet Cytol** 1984 Dec;26(6):743-7

Different chromatin states of the intron- and type 1 intron+ rRNA genes of Calliphora erythrocephala. Beckingham K, et al. **Chromosoma** 1984;90(4):311-6

Identification of a polytene chromosome band containing a male sex determiner of Chironomus thummi thummi. Hägele K. **Chromosoma** 1985;91(3-4):167-71

Localization of nuclear proteins related to high mobility group protein 14 (HMG 14) in polytene chromosomes. Westermann R, et al. **Chromosoma** 1984;90(5):355-65

Long tandem arrays of complex repeat units in Chironomus telomeres. Saiga H, et al. **EMBO J** 1985 Mar;4(3):799-804

Modeling Balbiani Ring gene transcription with electron microscope tomography. Olins AL, et al. **Eur J Cell Biol** 1984 Sep;35(1):129-42

Segments of chromosomal DNA from Rhynchosciara americana that undergo additional rounds of DNA replication in the salivary gland DNA puffs have only weak ARS activity in yeast. Millar S, et al. **Gene** 1985;34(1):81-6

Structural analysis of a developmentally regulated 25-kDa protein gene of Sarcophaga peregrina. Matsumoto N, et al. **J Biochem (Tokyo)** 1985 May;97(5):1501-8

Laser scanning microscopy of surface spread polytene chromosomes. Kalisch WE, et al. **J Microsc** 1985 Feb;137 (Pt 2):217-24

Clustered and interspersed repetitive DNA sequence family of Chironomus. The nucleotide sequence of the Cla-elements and of various flanking sequences. Schmidt ER. **J Mol Biol** 1984 Sep 5;178(1):1-15

Molecular evolution in Drosophila and the higher Diptera II. A time scale for fly evolution. Beverley SM, et al. **J Mol Evol** 1984;21(1):1-13

Structural implications of primary sequences from a family of Balbiani ring-encoded proteins in Chironomus. Hamodrakas SJ, et al. **J Mol Evol** 1984;20(3-4):296-303

Balbiani ring DNA: sequence comparisons and evolutionary history of a family of hierarchically repetitive protein-coding genes. Pustell J, et al. **J Mol Evol** 1984; 20(3-4):281-95

Conserved and nonconserved structures in the secretory proteins encoded in the Balbiani ring genes of Chironomus tentans. Wieslander L, et al. **J Mol Evol** 1984; 20(3-4):304-12

Conserved 5' flank homologies in dipteran 5S RNA genes that would function on 'A' form DNA. Rubacha A, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8193-207

rRNA processing: removal of only nineteen bases at the gap between 28S alpha and 28S beta rRNAs in Sciara coprophila. Ware VC, et al. **Nucleic Acids Res** 1985 May 24;13(10):3581-97

A stochastic mechanism controls the relative replication of equally competent ribosomal RNA gene sets in individual dipteran polyploid nuclei. Belikoff EJ, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5045-9

Ancient origin for Hawaiian Drosophilinae inferred from protein comparisons. Beverley SM, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4753-7

GROWTH & DEVELOPMENT

Metamorphic changes in the hindgut of Sarcophaga ruficornis with special reference to the development of rectal pads. Singh SV, et al. **Acta Morphol Neerl Scand** 1984 Oct;22(3):245-55

Ambient concentrations of formaldehyde and ammonia in a screwworm fly rearing facility. Merkle SE. **Am Ind Hyg Assoc J** 1985 Jun;46(6):336-40

Postembryonic development of the dorsal vessel in Udumbaria nainiensis Grover (Cecidomyiidae: Diptera). Sandhu R, et al. **Folia Morphol (Praha)** 1985;33(2):159-65

Myiasis due to tumbu fly [letter] Chopra A, et al. **Lancet** 1985 May 18;1(8438):1165

Possible migration of imaginal myoblasts from adjacent nerve sheath into the developing flight muscle of Chironomus. Lebart-Pedebas MC. **Tissue Cell** 1984;16(5):767-77

The ecological age of the sheep ked, Melophagus ovinus (L.) (Diptera: Hippoboscidae). Piotrowski F. **Wiad Parazytol** 1984;30(4):493-8

IMMUNOLOGY

Evidence for haemoglobins as common allergenic determinants in IgE-mediated hypersensitivity to chironomids (non-biting midges). Tee RD, et al. **Clin Allergy** 1985 Jul;15(4):335-43

Participation of Sarcophaga peregrina humoral lectin in the lysis of sheep red blood cells injected into the abdominal cavity of larvae. Komano H, et al. **Dev Comp Immunol** 1985 Winter;9(1):31-40

Persistence of antibody in calves after an infection with Hypoderma bovis. Sinclair IJ, et al. **Res Vet Sci** 1984 Nov; 37(3):383-4

Induction of intradermal skin reactions in the bovine by fractionated proteins of Hypoderma lineatum. Pruett JH, et al. **Vet Parasitol** 1984 Oct;16(1-2):137-46

METABOLISM

Calcium regulation in blowflies: absence of a role for midgut. Taylor CW. **Am J Physiol** 1985 Aug;249(2 Pt 2):R209-13

Regulation of pyruvate oxidation in blowfly flight muscle mitochondria: requirement for ADP. Bulos BA, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):382-93

Amino-acid synthesis in adult Dacus oleae (Gmelin) (Diptera Tephritidae) determined with [U-14C] glucose. Tsiropoulos GJ. **Arch Int Physiol Biochim** 1984 Nov; 92(4):313-6

Induction of selective phosphorylation of a fat body protein of Sarcophaga peregrina larvae by 20-hydroxyecdysone. Itoh K, et al. **Biochem J** 1985 Apr 15;227(2):683-8

Transcellular calcium transport by the midgut of the blowfly, Calliphora vicina. Taylor CW. **Cell Calcium** 1984 Aug; 5(4):377-90

Excretion of cadmium and change in the relative ratio of iso-cadmium-binding proteins during metamorphosis of fleshfly (Sarcophaga peregrina). Aoki Y, et al.

Comp Biochem Physiol [C] 1984;78(2):315–7

Transport and metabolism of adenosine in relation to the transcriptional activity of hnRNA genes in Chironomus salivary gland cells. Holst M, et al. **Eur J Biochem** 1985 Mar 15;147(3):631–6

Glycosphingolipids in insects. Chemical structures of ceramide tetra–, penta–, hexa–, and heptasaccharides from Calliphora vicina pupae (Insecta: Diptera). Dennis RD, et al. **J Biol Chem** 1985 May 10;260(9):5370–5

Primary structure of sarcotoxin I, an antibacterial protein induced in the hemolymph of Sarcophaga peregrina (flesh fly) larvae. Okada M, et al. **J Biol Chem** 1985 Jun 25; 260(12):7174–7

Biochemical identification of a putative glutamate receptor in housefly thoracic membranes. Filbin MT, et al. **Life Sci** 1985 Apr 22;36(16):1531–9

Age affects the metabolic rate of insect brain. Kern M, et al. **Mech Ageing Dev** 1984 Dec;28(2–3):237–42

Ultrastructural demonstration of serotonin–immunoreactivity in the nervous system of an insect (Calliphora erythrocephala). Nässel DR, et al. **Neurosci Lett** 1984 Jul 27;48(2):203–10

MICROBIOLOGY

Mechanical transmission of Rift Valley fever virus by hematophagous Diptera. Hoch AL, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):188–93

Role of insects in the transmission of bovine leukosis virus: potential for transmission by stable flies, horn flies, and tabanids. Buxton BA, et al. **Am J Vet Res** 1985 Jan; 46(1):123–6

The numbers and varieties of bacteria carried by filth flies in sanitary and unsanitary city area. Adeyemi O, et al. **Int J Zoonoses** 1984 Dec;11(2):195–203

Public health importance of market meat exposed to refuse flies and air–borne microorganisms. Akinboade OA, et al. **Int J Zoonoses** 1984 Jun;11(1):111–4

Spiroplasmas in the Tabanidae. Clark TB, et al. **Isr J Med Sci** 1984 Oct;20(10):1002–5

Relationship of the face fly (Diptera: Muscidae) to pinkeye in cattle: a review and synthesis of the relevant literature. Hall RD. **J Med Entomol** 1984 Jul 26;21(4):361–5 (51 ref.)

PARASITOLOGY

Bovine thelaziasis in Iowa. Krafsur ES, et al. **J Parasitol** 1985 Jun;71(3):279–86

The potential role of blowflies in the transmission of taeniid tapeworm eggs. Lawson JR, et al. **Parasitology** 1985 Aug; 91 (Pt 1):129–43

PATHOGENICITY

Basic regulatory parameters of the host–parasite system for warble flies of farm animals using Hypoderma bovis as an example. Bart AG, et al. **Folia Parasitol (Praha)** 1984; 31(3):277–87

PHYSIOLOGY

Observations of tabanid feeding on mares and foals. Foil L, et al. **Am J Vet Res** 1985 May;46(5):1111–3

Learning in three species of Diptera: the blow fly Phormia regina, the fruit fly Drosophila melanogaster, and the house fly Musca domestica. McGuire TR. **Behav Genet** 1984 Sep; 14(5):479–526 (108 ref.)

Immunocytochemical mapping of gastrin/CCK–like peptides in the neuroendocrine system of the blowfly Calliphora vomitoria (Diptera). Duve H, et al. **Cell Tissue Res** 1984; 237(2):309–20

Functional multiplicity and structural correlations in the hemoglobin system of larvae of Chironomus thummi thummi (Insecta, Diptera): Hb components CTT I, CTT II beta, CTT III, CTT IV, CTT VI, CTT VIIB, CTT IX and CTT X. Weber RE, et al. **Comp Biochem Physiol [B]** 1985;80(4):747–53

Dispersal of adult Stomoxys calcitrans (L.) (Diptera: Muscidae) from known immature developmental areas. Gersabeck EF, et al. **J Econ Entomol** 1985 Jun;78(3):617–21

The face fly (Diptera: Muscidae): effect on holstein milk secretion. Schmidtmann ET, et al. **J Econ Entomol** 1984 Oct;77(5):1200–5

Early visual processing in insects. Shaw SR. **J Exp Biol** 1984 Sep;112:225–51 (89 ref.)

Field studies on the introduction of the mosquito predator Toxorhynchites amboinensis (Diptera: Culicidae) into Fiji. Toohey MK, et al. **J Med Entomol** 1985 Jan 18;22(1):102–10

The visual system of insects. Processing of optical information. Reichardt W. **Riv Biol** 1985 Spring;78(1):9–42

Saturation in a wide–field, directionally selective movement detection system in fly vision. Lenting BP, et al. **Vision Res** 1984;24(10):1341–7

[Breeding sites of horseflies (Tabanidae) in the southern and central regions of Tomsk Province] Fominykh VG, et al. **Parazitologiia** 1984 Sep–Oct;18(5):399–403 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Ultrastructural changes in the cuticle of the sheep blowfly, Lucilia, induced by certain insecticides and biological inhibitors. Binnington KC. **Tissue Cell** 1985;17(1):131–40

The charge distribution in the rough endoplasmic reticulum/Golgi complex transitional area investigated by microinjection of charged tracers. Brac T. **Tissue Cell** 1984; 16(6):859–71

[Ultrafine structure of the malpighian tubules of hematophagous Diptera] Chaika SIu. **Parazitologiia** 1985 Jan–Feb;19(1):8–13 (Eng. Abstr.) **(Rus)**

[DNA reduplication cycle during chromosome polytenization in the salivary gland cells of Chironomus thummi larvae. III. The determination of the duration of the DNA synthesis period] Gundrina LI, et al. **Tsitologiia** 1984 Aug;26(8):927–35 (Eng. Abstr.) **(Rus)**

DIPYLIDIASIS

DIAGNOSIS

[Clinical aspects and treatment of rare human helminthiases (rat–borne hymenolepiasis and dipylidiasis)] Karnaukhov VK, et al. **Med Parazitol (Mosk)** 1984 Jul–Aug;(4):77–9 (Eng. Abstr.) **(Rus)**

DIPYLIDIUM see under **CESTODA**

DIPYRIDAMOLE

ADMINISTRATION & DOSAGE

Enteric–coated acetylsalicylic acid plus dipyridamole compared with anticoagulants in the prevention of ischemic events in patients with transient ischemic attacks. Eriksson SE. **Acta Neurol Scand** 1985 Jun;71(6):485–93

Trial of platelet–inhibiting drug in scleroderma. Double–blind study with dipyridamole and aspirin. Beckett VL, et al. **Arthritis Rheum** 1984 Oct;27(10):1137–43

Selection of patients for preoperative coronary angiography: use of dipyridamole–stress––thallium myocardial imaging. Brewster DC, et al. **J Vasc Surg** 1985 May;2(3):504–10

Evaluation of a low dose administration of aspirin, dipyridamol and steroid. Therapeutic effects on motor function and protective effects on Na+–K+–activated ATPase activity against lipid peroxidation in an experimental model of spinal cord injury. Fujita Y, et al. **Paraplegia** 1985 Feb;23(1):56–7

Persantine Aspirin Trial in cerebral ischemia. Part II: Endpoint results. The American–Canadian Co–Operative Study group. **Stroke** 1985 May–Jun;16(3):406–15

[Antithrombogenic therapy based on the study of the changes in platelet aggregability and blood coagulability in the early period after prosthetic valve replacement] Takayama T. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Jan;33(1):14–24 (Eng. Abstr.) **(Jpn)**

[Effect of immunosuppressive, anticoagulant and anti–inflammatory agents on experimental glomerulonephritis. V. Purinethol, leukeran, encorton and curantyl] Lewandowska T, et al. **Patol Pol** 1984 Jan–Mar; 35(1):91–103 (Eng. Abstr.) **(Pol)**

ADVERSE EFFECTS

Late postoperative tamponade following coronary artery bypass grafting in patients on antiplatelet therapy. Breyer RH, et al. **Ann Thorac Surg** 1985 Jan;39(1):27–9

Dysgeusia after high dose dipyridamole treatment (short communication). Goy JJ, et al. **Arzneimittelforschung** 1985; 35(5):854

ANTAGONISTS & INHIBITORS

PACPX––a substituted xanthine––antagonizes both the A1 and A2 subclasses of the P1–purinoceptor: antagonism of the A2 subclass is competitive but antagonism of the A1 subclass is not. Burnstock G, et al. **Br J Pharmacol** 1985 May;85(1):291–6

BLOOD

Pharmacokinetic interaction of acetylsalicylic acid and dipyridamole. Nitelius E, et al. **Br J Clin Pharmacol** 1985 Mar;19(3):379–83

DIAGNOSTIC USE

Effect of beta–blockade on thallium–201 dipyridamole myocardial scintigraphy. Bonaduce D, et al. **Acta Cardiol (Brux)** 1984;39(6):399–408

Dipyridamole–echocardiography test in effort angina pectoris. Picano E, et al. **Am J Cardiol** 1985 Sep 1; 56(7):452–6

Dipyridamole–thallium imaging [letter] Held AC. **Arch Intern Med** 1985 Oct;145(10):1927, 1929

Dipyridamole thallium testing. An alternative form of stress testing in patients unable to exercise [editorial] Reisman S. **Chest** 1985 Sep;88(3):321–2

Regional myocardial blood flow in man during dipyridamole coronary vasodilation. Sorensen SG, et al. **Chest** 1985 Jun; 87(6):735–9

Determination of cardiac risk by dipyridamole–thallium imaging before peripheral vascular surgery. Boucher CA, et al. **N Engl J Med** 1985 Feb 14;312(7):389–94

[The dipyridamole test. Its place in the functional diagnosis of coronary insufficiency] Spaček R, et al. **Vnitr Lek** 1985 Jun;31(6):542–8 (Eng. Abstr.) **(Cze)**

[Sensitivity of the dipyridamole test. A placebo–controlled double–blind crossover study] Ehling J, et al. **Dtsch Med Wochenschr** 1984 Sep 28;109(39):1481–5 (Eng. Abstr.) **(Ger)**

[Guidelines for the execution of drug tests in the diagnosis and evaluation of ischemic cardiopathy. I] **G Ital Cardiol** 1984 Jun;14(6):446–53 **(Ita)**

[Dipyridamole test in the diagnosis of coronary disease] Zelechowska K, et al. **Kardiol Pol** 1984;27(4):267–72 (Eng. Abstr.) **(Pol)**

[The dipyridamole test in the diagnosis of ischemic heart disease in women] Liakishev AA, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1984;7(2):21–5 (Eng. Abstr.) **(Rus)**

[Prospective study with thallium–201 and dipyridamole at low doses as a non–invasive diagnostic test for predicting coronary injuries] Martínez Martínez A, et al. **Rev Esp Cardiol** 1984 Nov–Dec;37(6):418–24 (Eng. Abstr.) **(Spa)**

METABOLISM

[Study of the individual factor and the plasma–organ concentration relationship in rats treated with dipyridamol. I. The heart] Jiménez–Castellanos R, et al. **Boll Chim Farm** 1984 Jul;123(7):322–9 (Eng. Abstr.) **(Spa)**

PHARMACODYNAMICS

Multifactorial determinants of reduced coronary flow reserve after dipyridamole in dilated cardiomyopathy. Nitenberg A, et al. **Am J Cardiol** 1985 Mar 1;55(6):748–54

Effects of dipyridamole on myocardial adenosine and active hyperemia. Knabb RM, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H804–10

Significance of myocardial prostaglandin biosynthesis and the influence of mechanical loading, endogenous mediators and cardiovascular drugs. Mentz P, et al. **Biomed Biochim Acta** 1984;43(8–9):S147–50

Dipyridamole induces interferon in man. Galabov AS, et al. **Biomed Pharmacother** 1984;38(8):412–3

Adenosine and dipyridamole: actions and interactions on the contractile response of guinea–pig ileum to high frequency electrical field stimulation. Hayashi F, et al. **Br J Pharmacol** 1985 Mar;84(3):765–71

Inhibitory effects of dipyridamole on growth, nucleoside incorporation, and platelet–activating capability in the U87MG and SKNMC human tumor cell lines. Bastida E, et al. **Cancer Res** 1985 Sep;45(9):4048–52

Mechanism of synergy between N–phosphonacetyl–L–aspartate and dipyridamole in a human ovarian carcinoma cell line. Chan TC, et al. **Cancer Res** 1985 Aug;45(8):3598–604

Augmentation of 5–fluorouracil cytotoxicity in human colon cancer cells by dipyridamole. Grem JL, et al. **Cancer Res** 1985 Jul;45(7):2967–72

Modulation of the activity of PALA by dipyridamole. Chan TC, et al. **Cancer Treat Rep** 1985 Apr;69(4):425–30

Dipyridamole decreases glomerular filtration in the sodium–depleted dog. Evidence for mediation by intrarenal adenosine. Arend LJ, et al. **Circ Res** 1985 Feb;56(2):242–51

Effects of diltiazem, dipyridamole, and their combination on hemostasis. Cremer KF, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):641–4

Dipyridamole reduces the motility of 10T1/2 cells and disturbs their stress fibre pattern. Grutman G, et al. **Eur J Cell Biol** 1984 Nov;35(2):355–61

Inhibition of lymphocyte response to mitogens by dipyridamole: preliminary findings. Melamed I, et al. **Eur J Clin Pharmacol** 1985;28(3):263–5

Purine receptors in trachea: studies with adenosine deaminase and dipyridamole. Satchell D. **Eur J Pharmacol** 1984 Jul 20;102(3–4):545–8

Effects of platelet–modifying drugs on arterial thromboembolism in baboons. Aspirin potentiates the antithrombotic actions of dipyridamole and sulfinpyrazone by mechanism(s) independent of platelet cyclooxygenase inhibition. Hanson SR, et al. **J Clin Invest** 1985 May; 75(5):1591–9

Hypoxanthine transport in mammalian cells: cell type–specific differences in sensitivity to inhibition by dipyridamole and uridine. Plagemann PG, et al. **J Membr Biol** 1984;81(3):255–62

Adenosine and prostacyclin independent electrophysiological effects of dipyridamole in guinea–pig papillary muscles and canine cardiac Purkinje fibers. Rardon DP, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):206–13

Combining antiplatelet agents: potentiation between aspirin and dipyridamole [letter] Gresele P, et al. **Lancet** 1985 Apr 20;1(8434):937–8

Prostacyclin production by rat aorta 'in vitro' is increased by the combined action of dipyridamole plus pentoxifylline. Santos MT, et al. **Prostaglandins** 1985 Jan;29(1):113–22

Interactions between dipyridamole and prostaglandin E1 with ADP–induced aggregation of rat platelet in whole blood [letter] Touqui L, et al. **Thromb Haemost** 1984 Jul 29;51(3):410

Lack of synergism between dazoxiben and dipyridamole following administration to man. Gresele P, et al. **Thromb Res** 1985 Jan 1;37(1):231–6

[Effect on the primary humoral and cell–mediated immune responses of dipyridamole] Mikhaĭlova S, et al. **Eksp Med Morfol** 1984;23(4):177–82 (Eng. Abstr.) **(Bul)**

[Inhibition of collagen–induced platelet aggregation and release function by aspirin and dipyridamole in cynomolgus monkey] Wang ZG.

Chung Hua Hsin Hsueh Kuan Ping Tsa Chih 1984 Jun;12(2):131–3 (Eng. Abstr.) (Chi)

[Effect of danshan and persantin on the alteration of platelet aggregation and microcirculation in diabetics] Zhu XX. **Chung Hua Nei Ko Tsa Chih** 1985 Apr;24(4):197–9, 253 (Eng. Abstr.) (Chi)

[Does dipyridamole (Persantin) have antithrombotic action? (letter)] Loeliger EA. **Schweiz Med Wochenschr** 1985 Feb 16;115(7):252–3 (Ger)

[Value of postdipyridamol myocardial perfusion gammagraphy (GT1 PD) in the diagnosis of ischemic cardiopathy and its angiographic correlation] Castro Beiras JM, et al. **Rev Clin Esp** 1985 Feb;176(3):118–23 (Eng. Abstr.) (Spa)

[Ultrastructural study of the myocardium of rats treated with dipyridamole and subjected to swimming exercises] Jiménez-Castellanos MR, et al. **Rev Clin Esp** 1984 Sep 30;174(6):237–41 (Eng. Abstr.) (Spa)

[Coronary steal with the use of dipyridamole in patients with obstructive coronary disease] Marchant E, et al. **Rev Med Chil** 1984 Apr;112(4):342–9 (Eng. Abstr.) (Spa)

[Coronary circulation in patients with left ventricular hypertrophy] Marchant E, et al. **Rev Med Chil** 1984 May;112(5):447–56 (Eng. Abstr.) (Spa)

PHYSIOLOGY

Aspirin or dipyridamole individually prevent lipid accumulation in primate vein bypass grafts. Boerboom LE, et al. **Am J Cardiol** 1985 Feb 15;55(5):556–9

Inhibition of platelet deposition on polytetrafluoroethylene grafts by antiplatelet agents. Kon ND, et al. **Surgery** 1984 Nov;96(5):870–3

RADIATION EFFECTS

[Decomposition and stabilization of drugs. XX. Photodecomposition and stabilization of dipyridamol] Kigasawa K, et al. **Yakugaku Zasshi** 1984 Nov;104(11):1191–7 (Eng. Abstr.) (Jpn)

THERAPEUTIC USE

Aspirin and dipyridamole reduce lipid accumulation in vein bypass grafts: combination versus single drug therapy. Boerboom LE, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:315–7

Dipyridamole and aspirin in arteriosclerosis obliterans of the lower limbs. Davì G, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:271–5

Influence of antiplatelet drugs on beta tg and PF4 levels in patients with transient ischemic attacks. Fabris F, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:263–5

Effects of dipyridamole infusion on local platelet aggregation and local formation of thromboxane A2 in patients with pulmonary hypertension. Gensini GF, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:257–62

Platelet-inhibitory therapy in reconstructive arterial surgery. McCollum CN, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:301–9

Role of prostaglandins in the activity of some cardiovascular drugs. Masotti G. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:319–26

Anticoagulation therapy in children with mechanical prosthetic cardiac valves. Bradley LM, et al. **Am J Cardiol** 1985 Sep 15;56(8):533–5

A double blind trial of dipyridamole in CAPD. Rubin J, et al. **Am J Kidney Dis** 1985 May;5(5):262–6

Atherosclerosis and cerebral ischemic attacks: intakes of cerebrography with xenon133 inhaled and platelet tests in the diagnosis, clinical and therapeutic monitoring; the preventive role of dipyridamole. Solvay H, et al. **Angiology** 1984 Nov;35(11):709–18

Randomised placebo controlled trial of aspirin and dipyridamole in the prevention of coronary vein graft occlusion. Brooks N, et al. **Br Heart J** 1985 Feb;53(2):201–7

Improved graft patency in patients treated with platelet-inhibiting therapy after coronary bypass surgery. Brown BG, et al. **Circulation** 1985 Jul;72(1):138–46

Prevention of the adult respiratory distress syndrome with dipyridamole. Vincent JL, et al. **Crit Care Med** 1985 Oct;13(10):783–5

Dipyridamole: a critical evaluation. Rivey MP, et al. **Drug Intell Clin Pharm** 1984 Nov;18(11):869–80 (167 ref.)

Short-term outcome of medically treated patients with transient ischemic attacks, reversible ischemic neurologic deficits and strokes with minimum residuum. Calandre L, et al. **Eur Neurol** 1985;24(4):281–5

Preventive treatment of cerebral transient ischemia: comparative randomized trial of pentoxifylline versus conventional antiaggregants. Herskovits E, et al. **Eur Neurol** 1985;24(1):73–81

Pharmacological control of platelet-vessel wall interactions in patients with chronic obstructive airway disease. Mantero O, et al. **G Ital Cardiol** 1984;14 Suppl 1:69–73

Acetylsalicylic acid and dipyridamole improve the early patency of aorta-coronary bypass grafts. A double-blind, placebo-controlled, randomized trial. Rajah SM, et al. **J Thorac Cardiovasc Surg** 1985 Sep;90(3):373–7

Results of a controlled drug trial in membranoproliferative glomerulonephritis. Cattran DC, et al. **Kidney Int** 1985 Feb;27(2):436–41

Prevention of pre-eclampsia by early antiplatelet therapy. Beaufils M, et al. **Lancet** 1985 Apr 13;1(8433):840–2

Drug-induced inhibition of platelet function delays progression of peripheral occlusive arterial disease. A prospective double-blind arteriographically controlled trial. Hess H, et al. **Lancet** 1985 Feb 23;1(8426):415–9

Dipyridamole for treatment of melanoma [letter] Rhodes EL, et al. **Lancet** 1985 Mar 23;1(8430):693

Plasmapheresis and dipyridamole for recurrent focal glomerular sclerosis. Zimmerman SW. **Nephron** 1985;40(2):241–5

Platelet-inhibitor therapy in cardiovascular disease. Effective defense against thromboembolism. Chesebro JH, et al. **Postgrad Med** 1985 Jul;78(1):48–50, 57–71

Plasma factor and platelet sensitivity to prostacyclin in patients with peripheral vascular disease before and after treatment with a combination of a cyclooxygenase and a phosphodiesterase inhibitor. Strobl-Jäger E, et al. **Prostaglandins Leukotrienes Med** 1984 Aug;15(2):241–50

Clinical aspects of antiplatelet therapy. Sherry S. **Semin Hematol** 1985 Apr;22(2):125–34 (49 ref.)

[Controlled trial of preventive treatment of preeclampsia. Preliminary results] Beaufils M, et al. **Arch Mal Coeur** 1984 Oct;77(11):1226–8 (Eng. Abstr.) (Fre)

[Comparative action of different platelet anti-aggregants in the postoperative period] Lapeyrère X, et al. **Cah Anesthesiol** 1984 Mar;32(2):123–5 (Fre)

[Aggressive therapy in a case of Moschowitz syndrome] Trono D, et al. **Nouv Rev Fr Hematol** 1984;26(6):387–90 (Eng. Abstr.) (Fre)

[Stress studies with dipyridamole in patients with coronary heart disease in comparison to coronary angiography, myocardial scintigraphy and ergometry findings] Krosse B, et al. **Z Gesamte Inn Med** 1984 Oct 1;39(19):469–73 (Eng. Abstr.) (Ger)

[Thrombus formation and its prevention during extracorporeal circulation—effect of preoperative administration with the antiplatelet drugs] Takayama T. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Dec;32(12):2076–89 (Eng. Abstr.) (Jpn)

[Epidemiological trial of the prophylactic effectiveness of the interferon inducer dipyridamole with respect to influenza and acute respiratory diseases] Kuzmov K, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):26–30 (Eng. Abstr.) (Rus)

[Aspirin and dipyridamol or preventive diet (editorial)] Bastida E. **Med Clin (Barc)** 1984 Oct 13;83(11):452–3 (Spa)

2,2'-DIPYRIDYL see under **PYRIDINES**

DIPYRINE see **AMINOPYRINE**

DIPYRONE see under **AMINOPYRINE**

DIQUAT see under **PYRIDINIUM COMPOUNDS**

DIRECT LYTIC FACTORS see under **COBRA VENOMS**

DIRECT SERVICE COSTS see under **COSTS AND COST ANALYSIS**

DIRECTORIES

Programs and services for the deaf in the United States. Part II. Educational programs and services. **Am Ann Deaf** 1985 Apr;130(2):81–153

Programs and services for the deaf in the United States. Part III. Supportive and rehabilitative services. **Am Ann Deaf** 1985 Apr;130(2):156–81

Programs and services for the deaf in the United States. Part IV. Research programs and services. **Am Ann Deaf** 1985 Apr;130(2):184–93

Biennial survey of physician clinical nutrition training programs. Heymsfield SB, et al. **Am J Clin Nutr** 1985 Jul;42(1):152–65

Organizations and institutions concerned with patients with genetic disorders or with birth defects in the Federal Republic of Germany. Küster W. **Am J Med Genet** 1985 Mar;20(3):547–53

1985 Directory of Nursing Organizations. **Am J Nurs** 1985 Apr;85(4):493–500

American Association of Physical Anthropologists. Membership list. **Am J Phys Anthropol** 1984 Dec;65(4):415–30

Training programs in respiratory disease and training programs in pediatric respiratory disease. **Am Rev Respir Dis** 1985 Aug;132(2):437–64

American Association of Anatomists. List of members 1984. **Anat Rec** 1984 Sep;210(1):185–267

Aerospace Medical Association. Directory. **Aviat Space Environ Med** 1985 Sep;56(9):860–938

CMA 1984–85 directory. **Can Med Assoc J** 1985 Jan 15;132(2):196–200

Fellowship programs in critical care medicine: 1985–1986. **Crit Care Med** 1985 Jul;13(7):594–604

Training and education in gastroenterology. List of available training programs. **Gastroenterology** 1985 Aug;89(2):453–78

Resource guide to occupant protection programs and materials. Hollenbach K, et al. **Health Educ Q** 1984 Summer;11(2):215–20

American Hospital Association. Directory of officers, trustees, councils, and committees for 1985. **Hospitals** 1985 Jan 16;59(2):95–102

Directory of on-going research in cancer epidemiology 1984. Muir CS, et al. **IARC Sci Publ** 1984;(62):1–728

Training in therapeutic radiology in the United States, 1984. Cox JD, et al. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):1045–51

List of addresses of the Jules Gonin Club's members. **Int Ophthalmol** 1985 Jul;8(2):68–78

Continuing education course listing, June to December 1985. Department of Membership and Continuing Education Records. **J Am Dent Assoc** 1985 Jun;110(6):949–55, 960–9

Arkansas Medical Society Membership Roster December 1, 1984. **J Arkansas Med Soc** 1984 Dec;81(7):385–410

The International Society for Cardiovascular Surgery. List of members. June 1, 1985. **J Cardiovasc Surg (Torino)** 1985 Sep–Oct;26(5 Suppl):133–80

A guide to available machine-readable data bases in the field of public health. Mullner RM, et al. **J Med Syst** 1984 Dec;8(6):521–61

JONA's semiannual directory of consultants to nursing administration. **J Nurs Adm** 1985 Jul–Aug;15(7–8):44–83

JONA'S semiannual Directory of Consultants to Nursing Administration. **J Nurs Adm** 1985 Feb;15(2):32–68

1984 membership roster. Tennessee Medical Association. **J Tenn Med Assoc** 1984 Dec;77(12):744–61

Directory lists service opportunities abroad [news] Glasbrenner K. **JAMA** 1984 Dec 14;252(22):3097–115

The Kansas Medical Society membership directory 1985. **Kans Med** 1985 Aug;86(8):10–119

1985–86 membership directory. **Mo Med** 1985 Aug;82(8):415–558

Development and evaluation of a community cancer resource directory. Lundahl SL. **Public Health Rep** 1984 Nov–Dec;99(6):590–7

American Clinical and Climatological Association. Present members. **Trans Am Clin Climatol Assoc** 1984;96:vii–xxiv

Members of the American Ophthalmological Society. **Trans Am Ophthalmol Soc** 1984;82:xv–xxix

Association of American Physicians. Directory. **Trans Assoc Am Physicians** 1984;97:vii–lxxi

Association of American Physicians. **Trans Assoc Am Physicians** 1983;96:viii–lxxv

1985 Directory of Diplomates. **Vet Hum Toxicol** 1985 Feb;27(1):41–53

American Association of Poison Control Centers. 1985 Membership Directory. **Vet Hum Toxicol** 1985 Jun;27(3):219–42

State Medical Society of Wisconsin: 1985 Membership Directory as of July 1, 1985. **Wis Med J** 1985 Jul;84(7):1–117

[Belgian Society of Anesthesia and Resuscitation. Membership of the Society, 1985] **Acta Anaesthesiol Belg** 1985 Jun;36(2):XXXIII–XLV (Fre, Dut)

[Medico-Psychological Society. List of members] **Ann Med Psychol (Paris)** 1985 Jan;143(1):35–66 (Fre)

[Membership of the National Academy of Medicine as of 1 January 1985] **Bull Acad Natl Med (Paris)** 1985 Jan;169(1):VII–XVIII (Fre)

[Register of the National Academy of Medicine as of 1 January 1984] **Bull Acad Natl Med (Paris)** 1984 Jan–Feb;168(1–2):VII–XVIII (Fre)

[Association des Anatomistes. Membership list] **Bull Assoc Anat (Nancy)** 1984 Jun;68(201):103–33 (Fre)

[Directory of the Royal Academy of Medicine of Belgium] **Bull Mem Acad R Med Belg** 1985;140:5–55 (Fre)

[List of members of the French Ophthalmology Society] **Bull Mem Soc Fr Ophtalmol** 1985;96:XIII–CLXXX (Fre)

[List of members of the Belgian Society of Ophthalmologists] **Bull Soc Belge Ophtalmol** 1983;208(Pt 2):III–XXXIV (Fre)

[Personnel of the Academy of Surgery] **Chirurgie** 1985;111(1):I–VIII (Fre)

[French Society of Medical Radiology. 1984 directory. 2d edition] **J Radiol** 1984 Nov;65(11):785–811 (Fre)

[Phlebology consulting services open to physicians] **Phlebologie** 1984 Jul–Sep;37(3):XV–XX (Fre)

[The French Language Pneumology Society. List of members (1985)] **Rev Mal Respir** 1985;2(1 Suppl):1–18 (Fre)

[French Society of Neurology. List of members (1985)] **Rev Neurol (Paris)** 1985;141(1):65–79 (Fre)

[List of members of the Spanish Society of Digestive Pathology] **Rev Esp Enferm Apar Dig** 1985 Jan;67(1):99–122 (Spa)

DIROFILARIA see under **FILARIOIDEA**

DIROFILARIA IMMITIS see under **FILARIOIDEA**

DIROFILARIASIS

COMPLICATIONS

Effect of acetylsalicylic acid on pulmonary arterioscleros induced by a one-year Dirofilaria immitis infection. Rawlings CA, et al. **Arteriosclerosis** 1985 Jul-Aug; 5(4):355-65

DIAGNOSIS

Dirofilariasis of the breast. Raju GC, et al. **Trop Geogr Med** 1985 Mar;37(1):86-8

Human pulmonary dirofilariasis with special reference to the ELISA for the diagnosis and follow-up study. Sato M, et al. **Z Parasitenkd** 1985;71(4):561-3

[Intraperitoneal dirofilariasis] Delage A, et al. **Bull Soc Pathol Exot Filiales** 1984;77(5):678-85 (Eng. Abstr.) (Fre)

[Infection of humans with a nematode Dirofilaria repens Railliet et Henry, 1911] Supriaga VG, et al. **Med Parazitol (Mosk)** 1985 Jan-Feb;(1):85-6 (Eng. Abstr.) (Rus)

DRUG THERAPY

Development of a chemotherapeutic model for microfilaricidal drugs to Dirofilaria immitis. April M, et al. **Acta Trop (Basel)** 1984 Dec;41(4):383-9

ETIOLOGY

Human subcutaneous dirofilariasis. 1. Two new cases in Venice. Identification of the causal agent as Dirofilaria repens Raillet and Henry, 1911. Pampiglione S, et al. **Parassitologia** 1982 Dec;24(2-3):155-65

IMMUNOLOGY

Quantitative and qualitative changes in the humoral response of dogs through the course of infection with Dirofilaria immitis. Tamashiro WK, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):292-301

Anti-Dirofilaria immitis antibody levels before and after anthelmintic treatment of experimentally infected dogs. Grieve RB, et al. **J Parasitol** 1985 Feb;71(1):56-61

Effects of immune modulation on Dirofilaria immitis infection in the dog. Keith JC Jr. **Prog Clin Biol Res** 1984;161:221-8

OCCURRENCE

Prevalence of presumed Dirofilaria tenuis microfilariae in raccoons near Vero Beach, Florida. Sauerman DM Jr, et al. **J Parasitol** 1985 Feb;71(1):130-2

Human dirofilariasis of the bladder. Nelson RP, et al. **J Urol** 1985 Apr;133(4):677-8

Dirofilaria immitis infection and asthma in PNG [letter] Desowitz R, et al. **Papua New Guinea Med J** 1984 Jun; 27(2):111

Human subcutaneous dirofilariasis. 2. A report of 5 new cases of Dirofilaria repens in central and northern Italy and of a sixth case with uncertain parasitological diagnosis. Pampiglione S, et al. **Parassitologia** 1982 Dec; 24(2-3):167-76

[A case of human dirofilariasis caused by Dirofilaria (Nochtiella) conjunctivae (Addario, 1885) in Belgium] Fain A, et al. **Ann Soc Belg Med Trop** 1984 Jun;64(2):177-82 (Eng. Abstr.) (Fre)

[Human pulmonary dirofilariasis: a case in Italy] Pampiglione S, et al. **Pathologica** 1984 Sep-Oct;76(1045):565-72 (Eng. Abstr.) (Ita)

PARASITOLOGY

Transplantation of adult Dirofilaria immitis into Lewis rats: parasitologic and serologic findings. Grieve RB, et al. **J Parasitol** 1985 Jun;71(3):391-2

PATHOLOGY

Pulmonary dirofilariasis diagnosed by fine needle aspiration biopsy. A case report. Hawkins AG, et al. **Acta Cytol (Baltimore)** 1985 Jan-Feb;29(1):19-22

Human pulmonary dirofilariasis. Report of three cases and brief review of the literature. Kochar AS. **Am J Clin Pathol** 1985 Jul;84(1):19-23

Filaria conjunctivae. Orsoni JG, et al. **Ophthalmologica** 1985; 190(4):243-6

Experimental production of lesions in canine pulmonary arteries similar to those produced by Dirofilaria immitis infection. Atwell RB, et al. **Vet Rec** 1985 May 18; 116(20):539-41

TRANSMISSION

Studies of Coquillettidia (coquillettidia) crassipes (Vanderwulp, 1881) in relation to transmission of Cardiofilaria nilesi. Klinkaewnarong W, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):10-4

VETERINARY

Recovery and viability of Dirofilaria immitis microfilariae. Grieve RB, et al. **Acta Trop (Basel)** 1984 Sep;41(3):271-8

Regional hypoxic pulmonary vasoconstriction in dogs with asymptomatic dirofilariasis. Chapleau MW, et al. **Am J Vet Res** 1985 Jun;46(6):1341-5

Diagnostic criteria for an enzyme-linked immunosorbent assay for occult heartworm disease: standardization of the test system in naturally exposed dogs. Gillis JM, et al. **Am J Vet Res** 1984 Nov;45(11):2289-92

Immunoradiometric assay for quantitation of Dirofilaria immitis antigen in dogs with heartworm infections. Hamilton RG, et al. **Am J Vet Res** 1984 Oct;45(10):2055-61

Evaluation of the zetacrit and zeta sedimentation ratio in dogs. Martin DG, et al. **Am J Vet Res** 1985 Jun; 46(6):1326-9

Contractile responses to histamine of isolated pulmonary artery strips from healthy and heartworm-infected dogs. O'Malley NA, et al. **Am J Vet Res** 1985 Jul;46(7):1463-7

An aspirin-prednisolone combination to modify postadulticide lung disease in heartworm-infected dogs. Rawlings CA, et al. **Am J Vet Res** 1984 Nov;45(11):2371-5

Surgical transplantation of adult Dirofilaria immitis to study heartworm infection and disease in dogs. Rawlings CA, et al. **Am J Vet Res** 1985 Jan;46(1):221-4

Sensitivity and specificity of the indirect-fluorescent antibody test and two enzyme-linked immunosorbent assays in canine dirofilariasis. Sisson D, et al. **Am J Vet Res** 1985 Jul;46(7):1529-33

Pulmonary arterial luminal diameters in relation to the distribution of the lesions associated with canine dirofilariasis. Atwell RB, et al. **Aust Vet J** 1985 Jan; 62(1):29-30

Development of a model of caval syndrome in dogs infected with Dirofilaria immitis. Buoro IB, et al. **Aust Vet J** 1984 Aug;61(8):267-8

A survey of heartworm in dogs in Australia. Carlisle CH, et al. **Aust Vet J** 1984 Nov;61(11):356-60

The effectiveness of levamisole hydrochloride against the microfilaria of Dirofilaria immitis. Carlisle CH, et al. **Aust Vet J** 1984 Sep;61(9):282-4

Prevalence of Dirofilaria immitis and Dipetalonema reconditum in greyhounds. Martin TE, et al. **Aust Vet J** 1985 May;62(5):159-63

An evaluation of 4 commercially available ELISA kits for the diagnosis of Dirofilaria immitis infection in dogs. Martin TE, et al. **Aust Vet J** 1985 May;62(5):166-9

Pneumonitis associated with occult heartworm disease in dogs. Calvert CA, et al. **J Am Vet Med Assoc** 1985 May 15;186(10):1097-8

Techniques to aid in the radiographic diagnosis of heartworm disease. Holmes RA. **J Am Vet Med Assoc** 1985 May 15; 186(10):1063-7

Dirofilariasis with arteriosclerosis in a horse. Thurman JD, et al. **J Am Vet Med Assoc** 1984 Sep 1;185(5):532-3

Pathology and epizootiology of Dirofilaria scapiceps (Leidy, 1886) (Nematoda: Filarioidea) in Sylvilagus floridanus (J.A. Allen) and Lepus americanus erxleben. Bartlett CM. **J Wildl Dis** 1984 Jul;20(3):197-206

Immunological and ultrastructural aspects of the cell-mediated killing of Dirofilaria immitis microfilariae. Rzepczyk CM, et al. **Parasite Immunol** 1984 Sep; 6(5):443-57

Feline dirofilariasis. Dillon R. **Vet Clin North Am [Small Anim Pract]** 1984 Nov; 14(6):1185-99 (39 ref.)

An investigation of the role of immunologic factors in anemia associated with canine heartworm disease. Werner LL, et al. **Vet Immunol Immunopathol** 1984 Oct;7(3-4):285-92

The incidence of canine haematozoa in Peninsular Malaysia. Rajamanickam C, et al. **Vet Parasitol** 1985 Jan;17(2):151-7

Liver changes, following diethylcarbamazine administration, in microfilaremic dogs infected with Dirofilaria immitis. Sutton RH, et al. **Vet Pathol** 1985 Mar;22(2):177-83

Treatment of canine heartworm disease in Britain [letter] Sewell MM. **Vet Rec** 1984 Oct 27;115(17):447

A case of canine heartworm disease (Dirofilaria immitis) in the UK. Thomas RE. **Vet Rec** 1985 Jul 6;117(1):14-5

Lesions in the liver and kidney of Dirofilaria immitis-infected dogs following treatment with ivermectin. Simpson CF, et al. **Z Parasitenkd** 1985;71(1):97-105

[Ventilation-perfusion (VA/Q) abnormalities in dogs with dirofilaria infection] Inoue M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jun;22(6):461-7 (Eng. Abstr.) (Jpn)

DISABILITY EVALUATION

Onset symptoms as predictors of mortality and disability in multiple sclerosis. Visscher BR, et al. **Acta Neurol Scand** 1984 Nov;70(5):321-8

International Federation of Multiple Sclerosis Societies. Symposium on a minimal record of disability for multiple sclerosis. Vancouver, Canada, September 11, 12, 1983. **Acta Neurol Scand [Suppl]** 1984;101:1-217

International Federation of Multiple Sclerosis Societies. Minimal Record of Disability—1983. **Acta Neurol Scand [Suppl]** 1984;101:169-90

IFMSS Minimal Record of Disability for multiple sclerosis. Interview protocol for Incapacity Status Scale, Environmental Status Scale 1983. **Acta Neurol Scand [Suppl]** 1984;101:191-217

Evaluation of the minimal record of disability in multiple sclerosis patients in Genoa. Battaglia MA, et al. **Acta Neurol Scand [Suppl]** 1984;101:92-9

Disability rating with the IFMSS scales. Bauer HJ, et al. **Acta Neurol Scand [Suppl]** 1984;101:145-52

An assessment of IFMSS 1982 minimal disability rating system. Colville PL. **Acta Neurol Scand [Suppl]** 1984; 101:58-64

A contribution to assessment in MS. Study of 100 situations of MS persons through Incapacity Status and Environmental Status and their scales scores. de Rham B. **Acta Neurol Scand [Suppl]** 1984;101:113-25

Evaluation of disability, incapacity and environmental status scales in multiple sclerosis. Fog T, et al. **Acta Neurol Scand [Suppl]** 1984;101:77-86

Disability indices, the economic costs of illness, and social insurance: the case of multiple sclerosis. Inman RP. **Acta Neurol Scand [Suppl]** 1984;101:46-55

Disability in multiple sclerosis and the provision of social and medical services: findings in Wellington, New Zealand. Johnson RH, et al. **Acta Neurol Scand [Suppl]** 1984; 101:105-12

Minimal record of disability in multiple sclerosis—application to Japanese patients. Kuroiwa Y, et al. **Acta Neurol Scand [Suppl]** 1984;101:100-4

Field testing of a minimal record of disability in multiple sclerosis: the United States and Canada. LaRocca MG, et al. **Acta Neurol Scand [Suppl]** 1984;101:126-38

Development of a structured interview to accompany the minimal record. LaRocca NG, et al. **Acta Neurol Scand [Suppl]** 1984;101:165-8

Experience in the use of the Minimal Record of Disability in multiple sclerosis chapters and community settings. Madonna MG, et al. **Acta Neurol Scand [Suppl]** 1984; 101:139-42

Use of rating scales to reflect cognitive and mental functioning in multiple sclerosis. Medaer R, et al. **Acta Neurol Scand [Suppl]** 1984;101:65-7

A critical evaluation of the Incapacity Status Scale. Mertin J, et al. **Acta Neurol Scand [Suppl]** 1984;101:68-76

Proposal for summing the incapacity status or environmental status scores. Minderhoud JM, et al **Acta Neurol Scand [Suppl]** 1984;101:87-91

Experience with a new incapacity rating system in multiple sclerosis. Sibley WA, et al. **Acta Neurol Scand [Suppl]** 1984; 101:143-4

Criteria and uses of the Minimal Record of Disability in multiple sclerosis. Slater RJ. **Acta Neurol Scand [Suppl]** 1984;101:16-20

Assessing disablement status in multiple sclerosis. Wood PH. **Acta Neurol Scand [Suppl]** 1984;101:154-64

Occupational capacity after hip replacement. Jensen JS, et al. **Acta Orthop Scand** 1985 Apr;56(2):135-7

The safety of static-dynamic effort soon after myocardial infarction. Wilke NA, et al. **Am Heart J** 1985 Sep; 110(3):542-5

A Bayesian approach for predicting judged hearing disability. Phaneuf R, et al. **Am J Ind Med** 1985;7(4):343-52

Heckler v. Campbell and the grid: are disability claimants entitled to examples of suitable jobs? Smith MS. **Am J Law Med** 1984 Winter;9(4):501-15

Three frames of reference in work-related occupational therapy programs. Creighton C. **Am J Occup Ther** 1985 May;39(5):331-4

The role of the occupational therapist-work evaluator. Holmes D. **Am J Occup Ther** 1985 May;39(5):308-13

Work hardening: occupational therapy in industrial rehabilitation. Matheson LN, et al. **Am J Occup Ther** 1985 May;39(5):314-21

Use of simulated work testing in cardiac rehabilitation: a case report. Wilke NA, et al. **Am J Occup Ther** 1985 May; 39(5):327-30

Long-term disability associated with flail chest injury. Beal SL, et al. **Am J Surg** 1985 Sep;150(3):324-6

Disability rating scales in multiple sclerosis. Kurtzke JF. **Ann NY Acad Sci** 1984;436:347-60

Development and testing of a minimal record of disability in multiple sclerosis. Slater RJ, et al. **Ann NY Acad Sci** 1984;436:453-68

Is the working capacity of Liberian industrial workers increased by regular malaria prophylaxis? Pehrson PO, et al. **Ann Trop Med Parasitol** 1984 Oct;78(5):453-8

Cardiac disability. The impact of coronary heart disease on patients' daily activities. Neill WA, et al. **Arch Intern Med** 1985 Sep;145(9):1642-7

Glasgow Outcome Scale and Disability Rating Scale: comparative usefulness in following recovery in traumatic head injury. Hall K, et al. **Arch Phys Med Rehabil** 1985 Jan;66(1):35-7

PULSES profile in retrospect. Moskowitz E. **Arch Phys Med Rehabil** 1985 Sep;66(9):647-8

Pending litigation and rehabilitation outcome of chronic back pain. Trief P, et al. **Arch Phys Med Rehabil** 1985 Feb; 66(2):95-9

Neurologic examination in stroke rehabilitation: adequacy of its description in clinical textbooks. Turney TM, et al. **Arch Phys Med Rehabil** 1985 Feb;66(2):92-4

Reopening a worker's compensation claim. Doherty JA. **Ariz Med** 1984 Sep;41(9):596

Hearing disability and communication handicap for compensation purposes based on self-assessment and audiometric testing. Salomon G, et al. **Audiology** 1985; 24(2):135-45

Accuracy of pulmonary function tests in predicting exercise tolerance in chronic obstructive pulmonary disease. Pineda H, et al. **Chest** 1984 Oct;86(4):564-7

Rating systems in the evaluation of knee ligament injuries. Tegner Y, et al. **Clin Orthop** 1985 Sep;(198):43-9

Prognosis of functional capacity and work capacity in rheumatoid arthritis. Mäkisara GL, et al. **Clin Rheumatol** 1982 Jun;1(2):117-25

Measurement of disability in Dutch rheumatoid arthritis

patients. Siegert CE, et al. **Clin Rheumatol** 1984 Sep; 3(3):305–9
Disability and arthritis. **Del Med J** 1984 Jul;56(7):379,404
Determinants of work capability and employment after coronary artery surgery. Misra KK, et al. **Eur Heart J** 1985 Feb;6(2):176–80
Adult polycystic kidney disease: a study of medical and social problems. Wilkie F, et al. **Health Bull (Edinb)** 1985 Mar; 43(2):76–84
NIMH report. Social Security Administration revises mental disability rules. Goldman HH, et al. **Hosp Community Psychiatry** 1985 Apr;36(4):343–5
Disability determination: psychiatrists needed. Meyerson AT, et al. **Hosp Community Psychiatry** 1985 Apr;36(4):337
Disability status [letter] Silver H. **Hosp Community Psychiatry** 1984 Oct;35(10):1043
Classification on disabilities as followed by Poona District Leprosy Committee. Kulkarni UP, et al. **Ind J Lepr** 1984 Apr–Jun;56(2):269–79
Working ability and exercise tolerance during treatment of a mild hypertension. I. Comparison between a beta-adreno-receptor blocking drug and a calcium antagonist. Lange Andersen K, et al. **Int Arch Occup Environ Health** 1985;56(1):41–7
Working ability and exercise tolerance during treatment of mild hypertension. II. A comparison between atenolol and prazosin medication. Lange Andersen K, et al. **Int Arch Occup Environ Health** 1985;56(1):49–55
Relationships of working status and cardiac capacity to functional age before and after coronary bypass surgery. Bruce RA, et al. **Int J Cardiol** 1985 Jun;8(2):193–204
Abilities and requirements profiles: a tool to facilitate reintegration of people with disabilities into employment. Mittelsten-Scheid EE. **Int Rehabil Med** 1985;7(2):82–4
Clinical correlates of dementia and disability in Huntington's disease. Brandt J, et al. **J Clin Neuropsychol** 1984 Nov; 6(4):401–12
Prediction of dissimulation on the MMPI in a clinical field setting. Gallucci NT. **J Consult Clin Psychol** 1984 Oct; 52(5):917–8
Measuring disability after a stroke. Ebrahim S, et al. **J Epidemiol Community Health** 1985 Mar;39(1):86–9
Evaluation of the Driver Limitation Program in Kentucky 1964–1984. Keeney AH, et al. **J Ky Med Assoc** 1985 Jun; 83(6):327–31
Legal issues in the medical assessment of physical impairment by third-party physicians. Rothstein MA. **J Leg Med (Chicago)** 1984 Dec;5(4):503–48 (212 ref.)
Evaluation for compensation of asbestos-exposed individuals. I. Detection and quantification of asbestos-related nonmalignant impairment. Mitchell RS, et al. **J Occup Med** 1985 Feb;27(2):95–109
An empirical analysis of self-reported, work-limiting disability. Leigh JP. **Med Care** 1985 Apr;23(4):310–9
Alleged work-related injuries [letter] Scarf GE, et al. **Med J Aust** 1984 Nov 24;141(11):765
Preliminary validity study of the pain disability index. Pollard CA. **Percept Mot Skills** 1984 Dec;59(3):974
Absolute or relative work load in exercise testing—significance of individual differences in working capacity. Pedersen PK, et al. **Scand J Clin Lab Invest** 1984 Nov;44(7):635–42
The role of alcohol abuse in working disability in patients with low back pain. Sandström J, et al. **Scand J Rehabil Med** 1984;16(4):147–9
Disability among home-nursed patients and home-help clients. Kivelä SL. **Scand J Soc Med** 1985;13(2):75–82
Who should determine disability? Hadler NM. **Semin Arthritis Rheum** 1984 Aug;14(1):45–51
Intervention in work-related disability: the need for an integrated approach. Greenwood JG. **Soc Sci Med** 1984; 19(6):595–601
Skin disease and handicap: an analysis of the impact of skin conditions. Jowett S, et al. **Soc Sci Med** 1985;20(4):425–9
Methodological and conceptual issues in measuring the long term impact of disability: the experience of poliomyelitis patients in Manitoba. Kaufert PL, et al. **Soc Sci Med** 1984; 19(6):609–18
Relationship between the retirement, disability, and unemployment insurance programs: the U.S. experience. Reno VP, et al. **Soc Secur Bull** 1985 May;48(5):24–37
PWC75%HRmax: a measure of aerobic work capacity. Miyashita M, et al. **Sports Med** 1985 May–Jun;2(3):159–64
Federal workers' disability program and the private physician. Bonnick SL. **Tex Med** 1984 Dec;80(12):44
Physiological performance and work capacity of tin mine labourers infested with schistosomiasis in Zaire. van Ee JH, et al. **Trop Geogr Med** 1984 Sep;36(3):259–66
The relationship of disability and school type to everyday life. Carr J, et al. **Z Kinderchir** 1984 Dec;39 Suppl 2:135–7
[Physical work capacity of electronics workers (the assembling and checking of printed circuit boards)] Khadzhiolova I, et al. **Probl Khig** 1984;9:17–28 (Eng. Abstr.) (Bul)
[Rehabilitation for work after myocardial infarct and after the reconstruction of coronary vessels] Denolin H. **Cas Lek Cesk** 1985 Mar 8;124(10):293–6 (Eng. Abstr.) (Cze)
[Work capacity after cardiac surgery] Ježková L, et al. **Cas Lek Cesk** 1985 Mar 29;124(13):402–6 (Eng. Abstr.) (Cze)
[A house stands in Holland] Meijler FL. **Ned Tijdschr Geneeskd** 1985 Jul 6;129(27):1294–5 (Dut)
[Insurance expert evaluation of patients with paralysis of the anterior serratus muscle] Stoutjesdijk HJ. **Ned Tijdschr Geneeskd** 1985 Mar 16;129(11):508–11 (Eng. Abstr.) (Dut)
[Use of the clinical exercise test in the evaluation of occupational working capacity] Hämäläinen H, et al. **Duodecim** 1984;100(21):1383–93 (Fin)
[Evaluation of body damage of traumatic origin] Putz P. **Rev Med Brux** 1985 Jan;6(1):33–8 (Eng. Abstr.) (Fre)
[Sequelae of condylar fractures in the experience of the department and that of medical expertise] Blanc JL, et al. **Rev Stomatol Chir Maxillofac** 1985;86(1):29–31 (Eng. Abstr.) (Fre)
[A new physiological scale for assessing posttraumatic disability in stomatology] Pasturel A, et al. **Rev Stomatol Chir Maxillofac** 1984;85(5):444–8 (Eng. Abstr.) (Fre)
[Examinations of education applicants from the viewpoint of the pediatrician] Richter J. **Arztl Jugendkd** 1984 Oct; 75(5):327–30 (Eng. Abstr.) (Ger)
[Evaluation of ligament injuries of the knee and ankle joint] Titze A, et al. **Chirurg** 1984 Nov;55(11):699–703 (Ger)
[Criteria for medical expert opinion under social compensation law and according to the law on the severely disabled] Hauffe R. **Derm Beruf Umwelt** 1985;33(3):106–8 (Ger)
[Performance capacity of children with growth retardation] Hinkel GK, et al. **Kinderarztl Prax** 1985 Jan;53(1):27–32 (Eng. Abstr.) (Ger)
[Extent of coverage of occupational disability insurance] Courant S. **Lebensversicherungsmedizin** 1985 Mar 1; 37(2):26–30 (Eng. Abstr.) (Ger)
[Disability following survival of heart infarct] Donat K, et al. **Lebensversicherungsmedizin** 1984 Oct 5;36(8):181–5 (Eng. Abstr.) (Ger)
[Work capacity evaluation of subjects with neurotic disorders] Foerster K. **Lebensversicherungsmedizin** 1985 Mar 1;37(2):44–6 (Eng. Abstr.) (Ger)
[Permanent disability and occupational disability following sports injuries] Hess H, et al. **Lebensversicherungsmedizin** 1985 Mar 1;37(2):40–3 (Eng. Abstr.) (Ger)
[The process of occupational disability insurance] Hirschberg G. **Lebensversicherungsmedizin** 1985 Mar 1;37(2):39–40 (Ger)
[The concept 'reduction in earning capacity'—a source of conflict. Misconceptions in social and insurance medicine] Möllhoff G. **Lebensversicherungsmedizin** 1985 Mar 1; 37(2):32–6 (Eng. Abstr.) (Ger)
[Abstract and concrete disability—from the viewpoint of a medical expert] Richter H. **Lebensversicherungsmedizin** 1985 Mar 1;37(2):36–9 (Eng. Abstr.) (Ger)
[The dialysis patient in the expert opinion of the public health officer from the viewpoint of the nephrologist or clinical assessment versus expert opinion] Bünger P. **Off Gesundheitswes** 1984 Sep;46(9):434–8 (Ger)
[Social medicine evaluation of women employed while pregnancy] Grosspietzsch R, et al. **Off Gesundheitswes** 1984 Nov;46(11):549–53 (Ger)
[Exemption from school sports] Klimt F. **Off Gesundheitswes** 1984 Sep;46(9):419–25 (Ger)
[Driving fitness and administrative fitness in diabetes mellitus] Kühnau J. **Off Gesundheitswes** 1984 Sep;46(9):470–2 (Ger)
[Problems in the work capacity evaluation of teachers with speech disorders] Ochmann A. **Off Gesundheitswes** 1985 Jun;47(6):269–72 (Ger)
[Social medical assessment of liver cirrhosis] Rosemeyer D, et al. **Off Gesundheitswes** 1985 Jun;47(6):248–53 (Ger)
[Algorithms for qualitative-quantitative characterization of patient careers] Seelos HJ. **Off Gesundheitswes** 1985 Apr; 47(4):164–9 (Ger)
[Occupational medicine problems in females in social medicine evaluations—I] Vetter L. **Off Gesundheitswes** 1985 May;47(5):227–31 (Ger)
[New occupation-related information material for students with health-induced limitations in work fitness] Haink R, et al. **Padiatr Grenzgeb** 1985;24(1):71–3 (Eng. Abstr.) (Ger)
[Initial results of experimental studies on the determination of continuous work physiology performance limit of adolescents] Pfister E, et al. **Padiatr Grenzgeb** 1985; 24(1):61–4 (Eng. Abstr.) (Ger)
[Theoretical aspects of the assessment of ability and fitness within the scope of the evaluation of the individual health status of adolescent workers] Reum PJ, et al. **Padiatr Grenzgeb** 1985;24(1):53–9 (Eng. Abstr.) (Ger)
[Work incapacity within the scope of rehabilitation] Häussler S. **Rehabilitation (Stuttg)** 1984 Aug;23(3):110–4 (Eng. Abstr.) (Ger)
[Disability evaluation of splenic preservation and splenic loss after injury] Kunz R, et al. **Unfallchirurg** 1985 Mar; 88(3):134–9 (Eng. Abstr.) (Ger)
[Work disability as chronifying factor of neurotic disorders] Kneschke M. **Z Arztl Fortbild (Jena)** 1985;79(4):151–3 (Ger)
[Evaluation of peptic ulcer] Koelsch KA, et al. **Z Arztl Fortbild (Jena)** 1985;79(8):347–9 (Ger)
[Reflections on the uniform evaluation of disability stages and nursing care needs of handicapped children and adolescents as well as questions on invalidation of adolescents] Walter L. **Z Arztl Fortbild (Jena)** 1984; 78(18):775–8 (Ger)
[Experiences with an ergonomic study] Antalovits M, et al. **Z Gesamte Hyg** 1985 Apr;31(4):215–7 (Eng. Abstr.) (Ger)
[Determination of performance ability of rehabilitation patients from the viewpoint of the district rehabilitation commission] Herrfurth R, et al. **Z Gesamte Hyg** 1985 Feb; 31(2):124–5 (Eng. Abstr.) (Ger)
[Nonexerting work in selected operations of the VE construction industry of East Germany] Kummer R, et al. **Z Gesamte Hyg** 1984 Sep;30(9):526–8 (Eng. Abstr.) (Ger)
[Significance of the neuropsychiatric invalidism profile of the Ueckermünde district with reference to rehabilitation] Nitzsche M, et al. **Z Gesamte Hyg** 1984 Jul;30(7):377–9 (Eng. Abstr.) (Ger)
[Work disability and invalidism of women following surgically treated genital cancer] Richter P, et al. **Zentralbl Gynakol** 1985;107(3):137–45 (Eng. Abstr.) (Ger)
[Development of protected risk in pensionable disability in relation to new legislative reform] Calcagni C, et al. **Clin Ter** 1985 Jan 31;112(2):159–82 (Ita)
[Medico-legal diagnosis of occupational diseases: effects on rehabilitation] Mazzella di Bosco M. **G Ital Med Lav** 1984 Jan–Mar;6(1–2):33–40 (Eng. Abstr.) (Ita)
[Importance of rehabilitation in the evaluation of personal injury] Vizza G. **G Ital Med Lav** 1984 Jan–Mar; 6(1–2):27–31 (Eng. Abstr.) (Ita)
[The value of work capacity evaluation in coronary disease patients and their return to work] Seghizzi P. **Med Lav** 1985 Mar–Apr;76(2):145–7 (Ita)
[Evaluation of physical working capacity of pneumoconiosis patients on the basis of their anaerobic thresholds] Suda Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug; 22(8):629–35 (Eng. Abstr.) (Jpn)
[Minimal Record of Disability in Multiple Sclerosis—its application to Japanese MS patients] Kuroiwa Y, et al. **Rinsho Shinkeigaku** 1984 Nov;24(11):1095–100 (Eng. Abstr.) (Jpn)
[Coronary bypass operation and its effect on the level of function. A review of the literature] Meyer-Myklestad L. **Tidsskr Nor Laegeforen** 1984 Oct 30;104(30):2078–82 (39 ref.) (Nor)
[Role of fear in patients after myocardial infarction in the development of differences between a subjective and clinical evaluation of their working capacity] Babiarz M, et al. **Kardiol Pol** 1984;27(10):847–52 (Eng. Abstr.) (Pol)
[Work capacity evaluation in patients with chronic bronchitis] Zejda J. **Pol Tyg Lek** 1984 Sep 17;39(38):1253–6 (Eng. Abstr.) (Pol)
[Degree and dynamics of changes in physical work capacity of children and adolescents in relation to somatic development and motor activity] Woynarowska B. **Probl Med Wieku Rozwoj** 1984;13:32–49 (Eng. Abstr.) (Pol)
[Information value of EEG data in predicting operator work capacity] Bagrova ND, et al. **Fiziol Cheloveka** 1984 Jan–Feb;10(1):41–6 (Rus)
[Effect of moderate hypoxia on work capacity as dependent on individual characteristics] Bushov IuV, et al. **Fiziol Cheloveka** 1985 Mar–Apr;11(2):258–61 (Rus)
[Analysis of additional informative signs in the peripheral pulse for the evaluation of the functional state of human operators] Desova AA, et al. **Fiziol Cheloveka** 1985 Mar–Apr;11(2):192–200 (Rus)
[Evaluations of the functional potentials of the body in performing physical work] Grebniak VP. **Fiziol Cheloveka** 1984 Jan–Feb;10(1):31–40 (Rus)
[Effect of motor activity on the physical work capacity of schoolchildren with excessive body weight] Abrosimova LI, et al. **Gig Sanit** 1984 Aug;(8):29–32 (Eng. Abstr.) (Rus)
[General principles of statistical analysis, using computers, of the data from indepth studies of morbidity with temporary loss of work capacity] Dogle NV, et al. **Gig Sanit** 1984 Oct;(10):38–42 (Rus)
[Functional state of the body systems of students attending medium-level professional and technical schools for miners] Kharkovenko NM, et al. **Gig Sanit** 1985 Mar; (3):30–1 (Eng. Abstr.) (Rus)
[Device for determining the spatial coordination of arm movements] Kutsenko GI, et al. **Gig Sanit** 1984 Sep; (9):49–51 (Rus)
[Working conditions and physical work capacity of adolescent machine operators during the corn harvest in hot climate] Mamedov KM, et al. **Gig Sanit** 1985 Feb; (2):90–2 (Rus)
[Hygienic evaluation of the daily curriculum of preparatory school pupils] Molchanova NM, et al. **Gig Sanit** 1985 May; (5):88–9 (Rus)
[Types of intellectual work capacity in schoolchildren] Pratusevich IuM, et al. **Gig Sanit** 1984 Jul;(7):28–30 (Eng. Abstr.) (Rus)
[Method of operative control of the work capacity of man] Gosudarev NA, et al. **Gig Tr Prof Zabol** 1985 Feb;(2):22–5 (Rus)
[Morbidity with temporary disability in the production of bulk yarns of polyacrylonitrile fiber] Gratsianskaia LV. **Gig Tr Prof Zabol** 1985 Feb;(2):52–4 (Rus)
[Cardiovascular reaction in an orthostatic test on persons

with varying levels of general physical work capacity] Ivanov VV. **Gig Tr Prof Zabol** 1985 Jan;(1):47–8 **(Rus)**

[Physiological characteristics of the work of the personnel of a power plant in an arid region] Mommadov IM, et al. **Gig Tr Prof Zabol** 1984 Oct;(10):50–1 **(Rus)**

[Importance of combined instrumental study methods in the expertise of the work capacity of ischemic heart disease patients with stable stenocardia] Azizov VA, et al. **Kardiologiia** 1985 May;25(5):53–7 (Eng. Abstr.) **(Rus)**

[Importance of ultrasonic diagnosis to medical expert evaluation of the work capacity of ischemic heart disease patients] Kogan BM, et al. **Kardiologiia** 1984 Aug; 24(8):38–41 (Eng. Abstr.) **(Rus)**

[Clinico-instrumental criteria in assessing the work capacity of ischemic heart disease patients with stable stenocardia] Lupanov VP, et al. **Kardiologiia** 1985 Feb;25(2):107–14 (62 ref.) **(Rus)**

[Duration of temporary disability in acute appendicitis] Datkhaev IuI, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):49–53 (Eng. Abstr.) **(Rus)**

[Clinico-expert evaluation of the late surgical results in gastric and duodenal peptic ulcer] Kobyliatskiĭ IT, et al. **Klin Khir** 1984 Aug;(8):6–9 (Eng. Abstr.) **(Rus)**

[Disability expertise and medical rehabilitation of the disabled and of patients with varicose veins of the lower extremities] Puzin SN, et al. **Klin Med (Mosk)** 1985 Jan;63(1):27–33 (54 ref.) **(Rus)**

[Psychological adaptation and work capacity during simulated weightlessness] Ioseliani KK, et al. **Kosm Biol Aviakosm Med** 1985 Jan–Feb;19(1):19–24 (Eng. Abstr.) **(Rus)**

[Eye injuries as a cause of disability in workers in agricultural production] Berko VG, et al. **Oftalmol Zh** 1984;(3):179–80 **(Rus)**

[Various aspects of preventing disability as a consequence of crystalline lens injury] Eroshevskiĭ TI, et al. **Oftalmol Zh** 1984;(4):203–5 (Eng. Abstr.) **(Rus)**

[Intraocular correction in preventing disability from crystalline lens injury] Logaĭ IM, et al. **Oftalmol Zh** 1984; (4):205–7 (Eng. Abstr.) **(Rus)**

[Current tasks in preventing disability in connection with a single system of organizing the rehabilitative treatment of eye patients in the Ukrainian SSR] Puchkovskaia NA, et al. **Oftalmol Zh** 1984;(4):193–6 (Eng. Abstr.) **(Rus)**

[Central hemodynamics, effectiveness of endocardial blood flow and general physical work capacity in impaired glucose tolerance and diabetes mellitus] Kolomoĭskaia MB, et al. **Probl Endokrinol (Mosk)** 1984 Nov–Dec;30(6):7–10 (Eng. Abstr.) **(Rus)**

[Causes of primary disability as a result of tuberculosis] Gavrilenko AF. **Probl Tuberk** 1984 Oct;(10):9–12 (Eng. Abstr.) **(Rus)**

[Work capacity status of patients cured of pulmonary tuberculosis] Khudushina TA, et al. **Probl Tuberk** 1984 Oct; (10):12–6 (Eng. Abstr.) **(Rus)**

[Prognostic criteria of the work capacity of patients with ischemic heart disease] Taniukhina EI, et al. **Sov Med** 1984; (11):61–3 **(Rus)**

[Forms and methods of increasing physicians' qualifications in disability evaluation] Korchagina VG, et al. **Sov Zdravookhr** 1984;(9):40–2 **(Rus)**

[Means of improving the interaction between the medical consultation commission and the medical work disability commission] Mazurova GL, et al. **Sov Zdravookhr** 1985; (1):43–8 (Eng. Abstr.) **(Rus)**

[Various medical aspects of expert evaluation of temporary disability in ischemic heart disease] Karpov RS, et al. **Ter Arkh** 1984;56(11):34–7 (Eng. Abstr.) **(Rus)**

[Work capacity evaluation of patients with sick sinus syndrome] Klemenkov SV, et al. **Ter Arkh** 1984;56(8):46–9 (Eng. Abstr.) **(Rus)**

[Comparative study of the exercise tolerance of patients with autonomic circulatory dystonia, angina pectoris and previous myocardial infarction] Klenina IS, et al. **Ter Arkh** 1984;56(8):35–9 (Eng. Abstr.) **(Rus)**

[Effect of the program of multifactorial prevention of ischemic heart disease on the disability of men aged 40–59 years (2-year follow-up)] Lisitsyn VIu, et al. **Ter Arkh** 1984;56(11):30–4 (Eng. Abstr.) **(Rus)**

[Informative value of electroencephalography in the evaluation of the work capacity of patients with chronic kidney diseases] Povorinskiĭ AG, et al. **Ter Arkh** 1984; 56(7):100–2 (Eng. Abstr.) **(Rus)**

[Disability dynamics and specialized employment of osteoarthrosis deformans patients] Tarasov AN, et al. **Ter Arkh** 1985;57(1):93–6 (Eng. Abstr.) **(Rus)**

[Physical and occupational work capacity of surgical patients with pale-type congenital heart defects] Gritsenko VV, et al. **Vestn Khir** 1984 Oct;133(10):13–7 (Eng. Abstr.) **(Rus)**

[Social rehabilitation of patients in the late period after surgery for an otogenic brain abscess] Markin SA, et al. **Vestn Otorinolaringol** 1985 May–Jun;(3):36–9 (Eng. Abstr.) **(Rus)**

[Tolerance for physical exertion and its changes in patients with myocardial infarction in the second stage of rehabilitation at the Druskininkaĭ health resort] Biliukas MM, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan–Feb;(1):16–8 (Eng. Abstr.) **(Rus)**

[Changes in physical work capacity of patients with myocardial infarction under the effect of graded bicycle training with preliminary action of magnetic field] Ezhova LV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan–Feb;(1):58–9 **(Rus)**

[Changes in lipid metabolism and physical work capacity in students with different motor activities] Il'inykh AI. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar–Apr; (2):62–3 **(Rus)**

[Determining the intensity of physical loads in patients with hypertension] Khomaziuk IN, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan–Feb;(1):27–9 (Eng. Abstr.) **(Rus)**

[Clinico-functional characteristics of physical work capacity of healthy men of different ages and possibilities of using these data for the elaboration of physical exercises and differentiated control] Pirogova EA. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar–Apr; (2):50–3 **(Rus)**

[Degree of thrombophilia and physical exertion tolerance in patients with stenocardia with different risk factors for ischemic heart disease] Gritsiuk AI. **Vrach Delo** 1985 May; (5):56–60 (Eng. Abstr.) **(Rus)**

[Informative value of indicators of tolerance to physical exertion in patients with ischemic heart disease] Ianovskiĭ GV, et al. **Vrach Delo** 1985 Apr;(4):22–4 (Eng. Abstr.) **(Rus)**

[Physical work capacity of patients with ischemic heart disease and reduced chronotropic reserve] Klemenkov SV, et al. **Vrach Delo** 1985 Mar;(3):28–30 (Eng. Abstr.) **(Rus)**

[Work capacity of thrombocytopenic purpura patients] Lantsova NA, et al. **Vrach Delo** 1984 Dec;(12):12–3 **(Rus)**

[Tolerance to physical exertion in patients with hypertension] Nazarenko VR, et al. **Vrach Delo** 1985 Apr;(4):44–6 (Eng. Abstr.) **(Rus)**

[Reversion of ECG T wave as a criterion for the discontinuation of an exercise test in patients with myocardial infarction] Sledzevskaia IK, et al. **Vrach Delo** 1985 Mar;(3):30–3 (Eng. Abstr.) **(Rus)**

[Work capacity of patients with systemic lupus erythematosus] Tarasov AN, et al. **Vrach Delo** 1985 Jan; (1):81–5 (Eng. Abstr.) **(Rus)**

[Physical exertion tolerance in middle-aged men in relation to associated risk factors of ischemic heart disease] Tokar' AV, et al. **Vrach Delo** 1985 Mar;(3):25–8 (Eng. Abstr.) **(Rus)**

[Tolerance to physical exertion in persons with different degrees of arterial blood pressure (veloergometric data)] Zolotarev AE, et al. **Vrach Delo** 1985 Apr;(4):38–41 (Eng. Abstr.) **(Rus)**

[Role of the clinical polymorphism of epileptic psychoses in determining the prognosis for patient disability] Kazakovtsev BA. **Zh Nevropatol Psikhiatr** 1985; 85(6):805–10 (Eng. Abstr.) **(Rus)**

[The importance of training physicians to work according to common good management practices] Kurajica L, et al. **Lijec Vjesn** 1984 Sep;106(9):390–4 (Eng. Abstr.) **(Scr)**

[Experience of social welfare evaluating committees with visually handicapped adolescents] Kačmárová A, et al. **Cesk Oftalmol** 1984 Jun;40(2–3):102–5 (Eng. Abstr.) **(Slo)**

[Tasks of the division for counseling within the framework of the medical field of work capacity evaluation] Lacho L. **Cesk Zdrav** 1984 Sep;32(8–9):356–60 (Eng. Abstr.) **(Slo)**

[Development of the incidence of chronic occupational acoustic trauma as a factor of work disability (a metropolitan area in Chile, 1971–1982)] Prenafeta J, et al. **Rev Med Chil** 1984 Jun;112(6):604–8 (Eng. Abstr.) **(Spa)**

METHODS

[Methods of monitoring psychological work capacity and emotional activity] Stavitskiĭ KR, et al. **Gig Sanit** 1984 Nov; (11):48–9 **(Rus)**

DISABILITY, PHYSICAL see **HANDICAPPED**

DISABLED see **HANDICAPPED**

DISACCHARIDASES

ANALYSIS

Rapid test for determination of disaccharidase activities in endoscopic biopsy specimens from the small intestine. Banai J, et al. **Endoscopy** 1984 Sep;16(5):185

Amniotic fluid disaccharidases in the prenatal detection of cystic fibrosis. Kleijer WJ, et al. **Prenat Diagn** 1985 Mar–Apr;5(2):135–43

DEFICIENCY

Vestibular disorders caused by defective enzyme mechanisms in the small intestine. Mangabeira-Albernaz PL, et al. **Acta Otolaryngol (Stockh)** 1985 Mar–Apr;99(3–4):330–5

Disaccharidase deficiency in amniotic fluid from cases of cystic fibrosis. Schwartz M, et al. **Prenat Diagn** 1985 Mar–Apr;5(2):145–8

METABOLISM

Effect of 1-desoxynojirimycin derivatives on small intestinal disaccharidase activities and on active transport in vitro. Lembcke B, et al. **Digestion** 1985;31(2–3):120–7

Immuno-electronmicroscopical localization of a microvillus membrane disaccharidase in the human small-intestinal epithelium with monoclonal antibodies. Fransen JA, et al. **Eur J Cell Biol** 1985 Jul;38(1):6–15

Expression and intracellular transport of microvillus membrane hydrolases in human intestinal epithelial cells. Hauri HP, et al. **J Cell Biol** 1985 Sep;101(3):838–51

Jejunal disaccharidases activity in some intestinal parasites in Egypt. Sallam MA, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):547–56

Intestinal disaccharidases activities in growing rats as influenced by raw legume diets. Aletor VA, et al. **Z Gesamte Hyg** 1984 Nov;30(11):668–71

[Disaccharidases of gastric mucosa in gastroduodenal ulcer] Wanat-Chromy M, et al. **Pol Arch Med Wewn** 1985 Jan; 73(1):21–5 (Eng. Abstr.) **(Pol)**

[Digestive activity of intestinal disaccharidases in infants with eczema] Vasil'ev IuV. **Vestn Dermatol Venerol** 1984 Oct; (10):16–20 (Eng. Abstr.) **(Rus)**

DISACCHARIDES

Protection of large unilamellar vesicles by trehalose during dehydration: retention of vesicle contents. Madden TD, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):67–74

The crystal structure of anhydrous alpha,alpha-trehalose at −150 degrees. Jeffrey GA, et al. **Carbohydr Res** 1985 Mar 29;137:21–30

Hemolytic-uremic syndrome and T-cryptantigen exposure by neuraminidase-producing pneumococci: an emerging problem? Novak RW, et al. **Pediatr Pathol** 1983 Oct–Dec; 1(4):409–13

Cleavage of lactose-lysine, a novel indicator of colonization resistance of the digestive tract. Welling GW, et al. **Prog Clin Biol Res** 1985;181:151–4

ADMINISTRATION & DOSAGE

Glycaemic effect of mono-, di- and polysaccharides in a mixed meal in diabetic patients. Erkelens DW, et al. **Neth J Med** 1985;28(4):157–63

ADVERSE EFFECTS

Lactulose and severe lactic acidosis [letter] Mann NS, et al. **Ann Intern Med** 1985 Oct;103(4):637

ANALYSIS

Detection of circulating T-activating enzyme in the serum of a patient having hemolytic-uremic syndrome and disseminated intravascular coagulation. Beattie KM, et al. **Am J Clin Pathol** 1985 Aug;84(2):244–8

Structural elucidation of glycosaminoglycans through characterization of disaccharides obtained after fragmentation by hydrazine-nitrous acid treatment. Edge AS, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):560–72

Trehalose-containing lipooligosaccharides from mycobacteria: structures of the oligosaccharide segments and recognition of a unique N-acylkanosamine-containing epitope. Hunter SW, et al. **Biochemistry** 1985 May 21; 24(11):2798–805

Isolation of the hypertrehalosaemic factors I and II from the corpus cardiacum of the Indian stick insect, Carausius morosus, by reversed-phase high-performance liquid chromatography, and amino-acid composition of factor II. Gäde G. **Biol Chem Hoppe Seyler** 1985 Feb;366(2):195–9

Immunohistological detection of T antigen and ABH blood group antigens in upper urinary tract tumours. Kagawa S, et al. **Br J Urol** 1985 Aug;57(4):386–9

Comparative immunoperoxidase demonstration of T-antigens in human colorectal carcinomas and morphologically abnormal mucosa. Orntoft TF, et al. **Cancer Res** 1985 Jan; 45(1):447–52

N.m.r. studies of the disulphated disaccharide obtained by degradation of bovine lung heparin with nitrous acid. Huckerby TN, et al. **Carbohydr Res** 1985 May 15; 138(2):199–206

T-antigen expression by peanut agglutinin staining relates to mucosal dysplasia in ulcerative colitis. Pihl E, et al. **Dis Colon Rectum** 1985 Jan;28(1):11–7

Alpha-2——4-interlinked 3-deoxy-D-manno-octulosonic acid disaccharide. A common constituent of enterobacterial lipopolysaccharides. Brade H, et al. **Eur J Biochem** 1984 Dec 3;145(2):231–6

High performance liquid chromatographic assay of disaccharides and oligosaccharides produced by the digestion of glycosaminoglycans with chondroitin sulphate lyases. Gurr E, et al. **J Clin Chem Clin Biochem** 1985 Feb; 23(2):77–87

Relationship between refractive index and dry-substance content for lactulose syrups. De Reijke A, et al. **J Pharm Sci** 1984 Oct;73(10):1478–9

Immunohistochemical localization of T antigen-like substance in benign hyperplasia and adenocarcinoma of the prostate. Ghazizadeh M, et al. **J Urol** 1984 Dec; 132(6):1127–30

Determination of boron impurities in syrups containing lactulose. Jávor J, et al. **Pharmazie** 1984 Nov;39(11):758–9

Thomsen-Friedenreich antigen in bladder tumors as detected by specific antibody: a possible marker of recurrence. Ohoka H, et al. **Urol Res** 1985;13(2):47–50

A method for T-antigen demonstration by a polyclonal antibody and peanut lectin; elimination of cross-reaction with naturally occurring antibodies. Orntoft TF. **Virchows Arch [A]** 1984;404(2):159-66

[The study on Thomsen-Friedenreich antigen in bladder tumor] Oda Y. **Hinyokika Kiyo** 1985 Mar;31(3):407-18 (Eng. Abstr.) **(Jpn)**

[The study of ABH isoantigen and T (Thomsen-Friedenreich) antigen of superficial urothelial tumor] Sasaki K. **Hokkaido Igaku Zasshi** 1984 Nov;59(6):679-89 (Eng. Abstr.) **(Jpn)**

[Immunochemical characteristics of artificial antigens with Salmonella O-determinants 4 and 9] Pokrovskii VI, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):69-72 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Galactosyl transferases of baby hamster kidney (BHK) cells. Characterization of two oligosaccharide products synthesised using bovine asialo submaxillary-gland mucin as acceptor. Gleeson PA, et al. **Eur J Biochem** 1984 Oct 1;144(1):143-50

A novel enzyme producing isoprimeverose from oligoxyloglucans of Aspergillus oryzae. Kato Y, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):801-10

CHEMICAL SYNTHESIS

Synthetic mucin fragments: methyl
3-O-(2-acetamido-2-deoxy-beta-D-galactopyranosyl-bet
3-O-(2-acetamido-2-deoxy-3-O-beta-D-galactopyranos
beta-D-glucopyranosyl)-beta-D-galactoyranoside.
pyranosyl)-beta-D-galactopyranoside. Kohata K, et al.
Carbohydr Res 1984 Sep 1;132(1):127-35

Synthesis of a disaccharide component of the capsular polysaccharide antigen of Streptococcus pneumoniae type 1. Lönn H, et al. **Carbohydr Res** 1984 Sep 1;132(1):39-44

Synthesis of
2-acetamido-2-deoxy-6-O-beta-D-galactopyranosyl-D-
and o-nitrophenyl
2-acetamido-2-deoxy-6-O-beta-D-galactopyranosyl
-alpha-D-galactopyranoside. Matta KL, et al.
Carbohydr Res 1984 Aug 15;131(2):265-72

Synthesis of benzyl
2-acetamido-2-deoxy-3-O-beta-D-fucopyranosyl-alpha-
and benzyl
2-acetamido-6-O-(2-acetamido-2-deoxy-beta-
D-glucopyranosyl)-2-deoxy-3-O-beta-D-fucopyranosyl-
galactopyranoside. Piskorz CF, et al. **Carbohydr Res** 1984 Aug 15;131(2):257-63

Studies on the synthesis of propyl
4-O-beta-D-galactopyranosyl-alpha-D-galactopyranosid
El-Shenawy HA, et al. **Carbohydr Res** 1984 Aug 15;131(2):227-38

DIAGNOSTIC USE

Cellobiose/mannitol test: physiological properties of probe molecules and influence of extraneous factors. Cobden I, et al. **Clin Chim Acta** 1985 May 15;148(1):53-62

alpha-L-Iduronidase deficiency in mucopolysaccharidosis type I against a radiolabelled sulfated disaccharide substrate derived from dermatan sulfate. Muller VJ, et al. **Clin Genet** 1984 Nov;26(5):414-21

Cellobiose/mannitol sugar permeability test complements biopsy histopathology in clinical investigation of the jejunum. Strobel S, et al. **Gut** 1984 Nov;25(11):1241-6

Intestinal sugar permeability: relationship to diarrhoeal disease and small bowel morphology. Ford RP, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):568-74

GENETICS

Nucleotide sequence of the yeast regulatory gene GAL80. Nogi Y, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9287-98

IMMUNOLOGY

Immune reactivity to Thomsen-Friedenreich antigen in patients with lung cancer detected by superoxide assay-leukocyte adherence inhibition test. Ichinose Y, et al. **Cancer Res** 1985 Sep;45(9):4473-7

Interaction of anti-kojibiose antibody with the lipoteichoic acids from Streptococcus faecalis and Streptococcus faecium. Kessler RE, et al. **Infect Immun** 1984 Oct;46(1):279-81

Use of an artificial antigen containing the 3,6-di-O-methyl-beta-D-glucopyranosyl epitope for the serodiagnosis of leprosy. Cho SN, et al. **J Infect Dis** 1984 Sep;150(3):311-22

Neonatal Th activation. Cohen DW, et al. **Transfusion** 1985 Jan-Feb;25(1):81-2

ISOLATION & PURIFICATION

Analysis of polysulfated chondroitin disaccharides by high-performance liquid chromatography. Seldin DC, et al. **Anal Biochem** 1984 Aug 15;141(1):291-300

High-performance liquid chromatography of pyridylamino derivatives of unsaturated disaccharides produced from chondroitin sulfate isomers by chondroitinase. Kodama C, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1283-7

METABOLISM

A study of trehalase (EC 3.2.1.28) and trehalose in relation to aging in Callosobruchus analis. Rastogi SC, et al. **Acta Physiol Hung** 1985;65(1):57-64

Sucrose-isomaltose malabsorption. Gudmand-Høyer E, et al. **Adv Nutr Res** 1984;6:233-69 (240 ref.)

A cellulase assay coupled to cellobiose dehydrogenase. Canevascini G. **Anal Biochem** 1985 Jun;147(2):419-27

Comparison of the spectroscopic and saccharide binding properties of lentil and pea isolectins. Bhattacharyya L, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):820-6

Effect of pH on oligomeric equilibrium and saccharide-binding properties of peanut agglutinin. Decastel M, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):811-9

Effect of membrane potential on the kinetic parameters of the Na+ or H+ melibiose symport in Escherichia coli membrane vesicles. Bassilana M, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):626-31

Glycosidic bond rearrangements in isomeric xylobioses by yeast xylan-degrading enzymes. Biely P, et al. **FEBS Lett** 1984 Dec 10;178(2):323-6

Properties of an in vitro bioassay for hypertrehalosemic hormone of Blaberus discoidalis cockroaches. Hayes TK, et al. **Gen Comp Endocrinol** 1985 Feb;57(2):246-56

Escherichia coli mutants possessing an Li+-resistant melibiose carrier. Shiota S, et al. **J Bacteriol** 1985 Apr;162(1):106-9

Influence of chronic lactulose ingestion on the colonic metabolism of lactulose in man (an in vivo study). Florent C, et al. **J Clin Invest** 1985 Feb;75(2):608-13

Reconstitution of the melibiose carrier of Escherichia coli. Wilson DM, et al. **Membr Biochem** 1985;5(4):269-90

Cellobiose metabolism in Erwinia: genetic study. Barras F, et al. **MGG** 1984;197(3):486-90

Disruption of regulatory gene GAL80 in Saccharomyces cerevisiae: effects on carbon-controlled regulation of the galactose/melibiose pathway genes. Torchia TE, et al. **Mol Cell Biol** 1984 Aug;4(8):1521-7

Utilization of cellobiose and D-glucose by Clostridium thermocellum ATCC-27405. Hernández PE, et al. **Rev Esp Fisiol** 1985 Jun;41(2):195-9

PHARMACODYNAMICS

Inhibition of sialyltransferases of murine lymphocytes by disaccharide nucleosides. Kijima-Suda I, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):730-9

Stimulation of L-tryptophan transport by di- and polysaccharides in the small intestine of chicks. Kushak R, et al. **Comp Biochem Physiol [A]** 1984;79(1):185-7

Membrane stabilization during freezing: the role of two natural cryoprotectants, trehalose and proline. Rudolph AS, et al. **Cryobiology** 1985 Aug;22(4):367-77

Preservation of integrity of the inner mitochondrial membrane after freeze-thawing and freeze-drying. Tsvetkov T, et al. **Cryobiology** 1985 Jun;22(3):301-6

New trends on sweeteners in Japan. Takazoe I. **Int Dent J** 1985 Mar;35(1):58-65

Screening of sugars inhibitory against sucrose-dependent synthesis and adherence of insoluble glucan and acid production by Streptococcus mutans. Imai S, et al. **J Dent Res** 1984 Nov;63(11):1293-7

Palatinose—a sucrose substitute. Pilot studies. Takazoe I, et al. **Swed Dent J** 1985;9(2):81-7

THERAPEUTIC USE

Lactitol in the treatment of chronic hepatic encephalopathy: an open comparison with lactulose. Lanthier PL, et al. **Gut** 1985 Apr;26(4):415-20

The effect of lactulose on psychomotor performance tests in alcoholic cirrhotics without overt hepatic encephalopathy. McClain CJ, et al. **J Clin Gastroenterol** 1984 Aug;6(4):325-9

Treatment of an hepatic encephalopathic crisis in a dog. Skerritt GC, et al. **Vet Rec** 1985 May 18;116(20):548

[Constipation in the elderly. II. Prevalence and causes of the use of laxatives and experiences with volume expanders and lactulose in nursing home patients] Merkus JW. **Tijdschr Gerontol Geriatr** 1984 Aug;15(4):151-4 (Eng. Abstr.) **(Dut)**

[Treatment with lactulose. A low-risk alternative in various diseases] Reim HG, et al. **Fortschr Med** 1984 Dec 6;102(45):1167-70 (30 ref.) (Eng. Abstr.) **(Ger)**

[Use of lactulose (Amivalex) in the treatment of Salmonella excretors] Barna M, et al. **Orv Hetil** 1984 Dec 23;125(52):3169-71 (Eng. Abstr.) **(Hun)**

[Plasma amino acids in patients with liver cirrhosis treated with lactulose] Giardina MG, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2309-16 (Eng. Abstr.) **(Ita)**

[Lactulose therapy for chronic renal failure] Miyazaki M, et al. **Nippon Jinzo Gakkai Shi** 1984 Aug;26(8):1091-8 (Eng. Abstr.) **(Jpn)**

URINE

Use of chemical ionization in gas chromatographic/mass spectrometric screening of human urine for disaccharides containing inositol. Lemonnier M, et al. **Biomed Mass Spectrom** 1985 Mar;12(3):100-5

Purification and characterization of a mannose-containing disaccharide obtained from human pregnancy urine. A new immunoregulatory saccharide. Muchmore AV, et al. **J Exp Med** 1984 Dec 1;160(6):1672-85

DISARTICULATION

[Fournier gangrene with involvement of the thigh—radical restoration by exarticulation of the femur. Case report] Jüttner FM, et al. **Urologe [A]** 1985 May;24(3):167-8 (Eng. Abstr.) **(Ger)**

METHODS

Tibial strut for a thigh stump in modified hip disarticulation. Pradhan SA, et al. **J R Coll Surg Edinb** 1984 Nov;29(6):354-6

DISASTER PLANNING

see related
CIVIL DEFENSE

Disaster medical services. American College of Emergency Physicians. **Ann Emerg Med** 1985 Oct;14(10):1026

Disaster training for emergency physicians in the United States: a systems approach. Feldstein BD, et al. **Ann Emerg Med** 1985 Jan;14(1):36-40

Moulage in a disaster simulation exercise. Krohmer JR, et al. **Ann Emerg Med** 1985 Oct;14(10):1032-5

On nuclear war and emergency health care [letter] Magnotto L, et al. **Ann Emerg Med** 1984 Nov;13(11):1081-2

Protection of the public in the event of major radiation accidents: principles for planning. A report of Committee 4 of the International Commission on Radiological protection. **Ann ICRP** 1984;14(2):1-22

The Cincinnati DC-9 experience: lessons in aircraft and airport safety. Pane GA, et al. **Aviat Space Environ Med** 1985 May;56(5):457-61

Disaster assessment: the weak link in international relief efforts. **Bull Pan Am Health Organ** 1985;19(1):97-9

Pan-Caribbean disaster preparedness and prevention. **Bull Pan Am Health Organ** 1984;18(3):288-91

St. Clare's Mercy reviews fire safety procedures. FitzGerald BM. **Dimens Health Serv** 1984 Dec;61(12):14-5

EMS response to mass casualties. Cowley RA, et al. **Emerg Med Clin North Am** 1984 Aug;2(3):687-93

The disparity between the amount of emergency preparedness for nuclear vs other rare catastrophic events. Casey WR, et al. **Health Phys** 1984 Oct;47(4):521-3

The French emergency plans in the event of nuclear accidents. Hamard J, et al. **Health Phys** 1984 Nov;47(5):701-10

Potassium iodide: predistribution or not? The real emergency preparedness issue. Martin JA Jr. **Health Phys** 1985 Aug;49(2):287-9

Progressive medical care in disaster situations: a critical evaluation of the current situation in the Netherlands. de Boer J, et al. **J Emerg Med** 1984;1(4):339-43

William Augustus Newell, M.D., and the Life Saving Service. Guthorn PJ. **J Med Soc NJ** 1984 Sep;81(9):769-72

Disaster plan launches training, site selection [news] Glasbrenner K. **JAMA** 1985 Jan 18;253(3):332-3

Civil defence, with aspirins [letter] Patterson C. **Lancet** 1985 Jul 27;2(8448):214

Counter-disaster manual [letter] Challen RG, et al. **Med J Aust** 1985 Sep 16;143(6):267-8

Three Mile Island—the next time [editorial] Kerr C. **Med J Aust** 1985 Jul 8;143(1):5

Participative educational experience: providing an alternative to medical readiness. Calderwood BA, et al. **Milit Med** 1985 May;150(5):272-4

Environmental emergencies. Their characteristics and variations. Irey NS. **Milit Med** 1985 Apr;150(4):191-9

Planning a National Disaster Medical System. Mahoney LE, et al. **Milit Med** 1984 Dec;149(12):657-60

[Disaster preparedness and exercises. Responsibility, conduct and evaluation] Bjerklund Johansen TE. **Tidsskr Nor Laegeforen** 1984 Nov 30;104(33):2303-9 (Eng. Abstr.) **(Nor)**

[Disaster drills in hospitals] Johansen TE, et al. **Tidsskr Nor Laegeforen** 1985 Jun 20;105(17-18):1210-2 (Eng. Abstr.) **(Nor)**

[Disaster preparedness among surgeons] Johansen TE, et al. **Tidsskr Nor Laegeforen** 1985 Jun 20;105(17-18):1213-6 (Eng. Abstr.) **(Nor)**

[Lessons of natural disasters in Yugoslavia] Birtašević B, et al. **Vojnosanit Pregl** 1984 Sep-Oct;41(5):369-72 **(Ser)**

METHODS

Triage success in disasters: dynamic victim-tracking cards. Paris PM, et al. **Am J Emerg Med** 1985 Jul;3(4):323-6

Flexibility emphasized in medical preparations for possible disasters [news] Glasbrenner K. **JAMA** 1985 Jan 18;253(3):325-7, 331

DISASTERS

Secondary disaster victims: the emotional effects of recovering and identifying human remains. Jones DR. **Am J Psychiatry** 1985 Mar;142(3):303-7

Evaluation of possible patient survival in a mock airplane disaster. Eisner ME, et al. **Am J Surg** 1985 Sep;150(3):321-3

Dental identification of unknown bodies. Brown KA. **Ann Acad Med Singapore** 1984 Jan;13(1):3-7

A failure to communicate: the need for standardization of procedures for the exchange of identification information of crime and mass disaster victims. Choi E, et al. **Ann Acad Med Singapore** 1984 Jan;13(1):8–11

A coding system for a computer aided dental identification based on the 'Canobrain Programme'. Hashimoto M, et al. **Ann Acad Med Singapore** 1984 Jan;13(1):20–4

The importance of autopsy examination in major disasters. Mason JK. **Ann Acad Med Singapore** 1984 Jan;13(1):12–5

The coroner's role in mass disaster. Paul DM. **Ann Acad Med Singapore** 1984 Jan;13(1):16–9

The psychological impact of disaster on rescue personnel. Durham TW, et al. **Ann Emerg Med** 1985 Jul;14(7):664–8

Multiple casualties caused by a gale. Illingworth RN, et al. **Arch Emerg Med** 1984 Mar;1(1):57–60

Community disaster: the GP's role in bereavement. Koblar S. **Aust Fam Physician** 1984 Dec;13(12):884–5

The experience of a mental health team involved in the early phase of a disaster. Berah EF, et al. **Aust NZ J Psychiatry** 1984 Dec;18(4):354–8

Psychiatric consultancy in major disaster. Raphael B. **Aust NZ J Psychiatry** 1984 Dec;18(4):303–6

Perspective from a Sudanese refugee camp. Buist NR. **Br Med J [Clin Res]** 1985 May 4;290(6478):1325–6

An eyewitness in Bhopal. Sutcliffe M. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1883–4

Dioxin: lessons from the Missouri experience. **Bull Environ Contam Toxicol** 1984 Dec;33(6):631–734

The psychosocial impact of environmental disasters. Reko K. **Bull Environ Contam Toxicol** 1984 Dec;33(6):655–61

The clean-up begins. Schreiber R. **Bull Environ Contam Toxicol** 1984 Dec;33(6):726–34

Disaster assessment: the weak link in international relief efforts. **Bull Pan Am Health Organ** 1985;19(1):97–9

Immediate effects of a sandstorm on asthma and other respiratory problems. Unger DL. **Chest** 1985 Apr;87(4):543–4

Innovative mental health services for child disaster victims. Lystad M. **Child Today** 1985 Jan–Feb;14(1):13–7

The almonership of Ollie A. Randall: affording temporary relief to unobtrusive suffering. Quam JK. **Gerontologist** 1985 Apr;25(2):116–8

Health impact of radioactive debris from the satellite Cosmos 954. Tracy BL, et al. **Health Phys** 1984 Aug;47(2):225–33

The 1980 earthquake in Southern Italy—morbidity and mortality. De Bruycker M, et al. **Int J Epidemiol** 1985 Mar;14(1):113–7

Response facilitation: implications for perceptual theory, psychotherapy, neurophysiology, and earthquake prediction. Medici RG, et al. **Int J Neurosci** 1985 Apr;26(1–2):47–52

AWHS: 67 years of service. Morrow LE. **J Am Med Wom Assoc** 1984 Nov–Dec;39(6):196–7

Childhood asthma hospitalization rates in Spokane County, Washington: impact of volcanic ash air pollution. Kraemer MJ, et al. **J Asthma** 1985;22(1):37–43

Lightning-strike disaster: effects on children's fears and worries. Dollinger SJ, et al. **J Consult Clin Psychol** 1984 Dec;52(6):1028–38

Delayed-impact infectious disease after a natural disaster. Bissell RA. **J Emerg Med** 1983;1(1):59–66

Experiences in war and during catastrophes and their effects upon the human mind. Eitinger L. **J Oslo City Hosp** 1984 Sep;34(9):75–83

After Mount St. Helens. Disaster stress research. Murphy SA. **J Psychosoc Nurs Ment Health Serv** 1984 Jul;22(7):8–11, 13–8

Children's emotional response to disasters. Butterfield PT, et al. **J SC Med Assoc** 1984 Nov;80(11):567–70

Leads from the MMWR. Tornado disaster—North Carolina, South Carolina, March 28, 1984. **JAMA** 1985 May 10;253(18):2637–8

Forensic experts and disasters [letter] McDonough ET, et al. **JAMA** 1985 May 17;253(19):2830–1

After coping with crisis, medicine ponders sequelae [news] Marwick C. **JAMA** 1985 Apr 12;253(14):2003–4, 2009–10, 2013 passim

Bhopal tragedy's repercussions may reach American physicians [news] Marwick C. **JAMA** 1985 Apr 12;253(14):2001–3

Bhopal eye [letter] Andersson N, et al. **Lancet** 1984 Dec 22;2(8417–18):1481

Some health consequences of a natural disaster. Clayer JR, et al. **Med J Aust** 1985 Sep 2;143(5):182–4

Mental and physical health consequences of disasters [editorial] Raphael B. **Med J Aust** 1985 Sep 2;143(5):180–1

Medical policy in the management of a mass casualty situation with special regard to sorting. Ueberle HK, et al. **Med Law** 1985;4(3):275–82

Environmental emergencies. Their characteristics and variations. Irey NS. **Milit Med** 1985 Apr;150(4):191–9

Dental identification and the P-3 crash in Hawaii. Smith GA, et al. **Milit Med** 1985 Feb;150(2):59–66

Tornado disaster—North Carolina, South Carolina, March 28, 1984. **MMWR** 1985 Apr 19;34(15):205–6, 211–3

Helping out in Bhopal [news] **Nature** 1984 Dec 13–19;312(5995):579–80

Ways of death [news] Beardsley T. **Nature** 1984 Dec 13–19;312(5995):581

Toxic gas: pesticide plant leak wreaks disaster in India [news] Jayaraman KS. **Nature** 1984 Dec 13–19;312(5995):581

Identification of postdisaster bereavement risk predictors. Cowan ME, et al. **Nurs Res** 1985 Mar–Apr;34(2):71–5

Bhopal tragedy focuses on changes in chemical industry. Aydelotte C. **Occup Health Saf** 1985 Mar;54(3):33–5, 50, 59

Geophysical variables and behavior: XXI. Geomagnetic variation as possible enhancement stimuli for UFO reports preceding earthtremors. Persinger MA. **Percept Mot Skills** 1985 Feb;60(1):37–8

Geophysical variables and behavior: XXIII. Relations between UFO reports within the Uinta Basin and local seismicity. Persinger MA, et al. **Percept Mot Skills** 1985 Feb;60(1):143–52

Geophysical variables and behavior: XXVI. A response to Rutkowski's critique of the tectonic strain hypothesis for UFO phenomena. Persinger MA. **Percept Mot Skills** 1985 Apr;60(2):575–82

Duration of exposure—histological effects on broiler lungs, performance, and house environment with Mt. St. Helens' volcanic ash dust. Bland MC, et al. **Poult Sci** 1985 Jan;64(1):51–8

Trait anxiety and locus of control. de Man AF, et al. **Psychol Rep** 1985 Apr;56(2):556

Use of the semantic differential technique in research on disaster: a methodological note. Piotrowski C. **Psychol Rep** 1985 Apr;56(2):527–30

Stress levels and health status of victims of a natural disaster. Murphy SA. **Res Nurs Health** 1984 Sep;7(3):205–15

Sorting out triage in urban disasters. Mac Mahon AG. **S Afr Med J** 1985 Apr 6;67(14):555–6

Experimental studies on the effects of Mt. Sakurajima volcanic ashes on the respiratory organs. Shirakawa M, et al. **Sangyo Igaku** 1984 Mar;26(2):130–46

Psychotic reactions to a natural disaster: Hurricane Alicia. Carlson RJ, et al. **Tex Med** 1985 Jul;81(7):48–9

The effects of famine on brain growth in children. Moynihan N. **Trans Med Soc Lond** 1982–84;99–100:108–10

[Surgery in catastrophes] Kiviluoto O. **Duodecim** 1985;101(9):926–32 (Fin)

[The general practitioner confronted by disasters and chemical accidents] Lafontaine A. **Arch Belg** 1984;42(5–6):270–88 (Eng. Abstr.) (Fre)

[Disaster medicine—a new medico-surgical discipline] Gunn SW. **Helv Chir Acta** 1985 Apr;52(1):11–3 (Eng. Abstr.) (Fre)

[The bombing of Schaffhausen in the 2d World War] Ganzoni N. **Z Unfallchir Versicherungsmed Berufskr** 1985;78(1):21–6 (Ger)

[Overcoming a catastrophe in peacetime. The 1984 concept of the St. Gallen Canton Hospital and its problems] Hoffmann R, et al. **Z Unfallchir Versicherungsmed Berufskr** 1985;78(1):33–9 (Ger)

[Surveillance for infectious diseases after the Italian earthquake of 23 November 1980] Greco D, et al. **Ann Ist Super Sanita** 1983;19(2–3):355–9 (Eng. Abstr.) (Ita)

[Safety mechanism against earthquakes for gamma radiography apparatus] Irie T, et al. **Radioisotopes** 1985 Apr;34(4):222–5 (Jpn)

[Disaster preparedness and exercises. Responsibility, conduct and evaluation] Bjerklund Johansen TE. **Tidsskr Nor Laegeforen** 1984 Nov 30;104(33):2303–9 (Eng. Abstr.) (Nor)

[Health administration of emergencies in natural disasters] Guimarães C. **Rev Saude Publica** 1984 Dec;18(6):516–8 (Por)

[Organization and care of multiple injuries under peacetime conditions] Milačić O. **Acta Chir Iugosl** 1984;31 Suppl 1:49–60 (Ser)

[Lessons of natural disasters in Yugoslavia] Birtašević B, et al. **Vojnosanit Pregl** 1984 Sep–Oct;41(5):369–72 (Ser)

[Cooperation in ensuring health care—a prerequisite for success] Radić A. **Vojnosanit Pregl** 1984 Nov–Dec;41(6):447–50 (Ser)

[Role of the psychiatrist in mass disasters (editorial)] López-Ibor Aliño JJ. **Actas Luso Esp Neurol Psiquiatr** 1984 Sep–Oct;12(5):295–8 (Spa)

[Admissions to psychiatric services following a natural disaster] Ahearn F. **Bol Of Sanit Panam** 1984 Oct;97(4):325–35 (Eng. Abstr.) (Spa)

[Individual reactions to natural disasters] Cohen RE. **Bol Of Sanit Panam** 1985 Feb;98(2):171–80 (Eng. Abstr.) (Spa)

[Social responsibility in the face of catastrophies (editorial)] Chuliá Campos V. **Rev Esp Anestesiol Reanim** 1984 May–Jun;31(3):89–90 (Spa)

HISTORY

Medical consequences of the earthquake of 1886 in Charleston, South Carolina. Fitzgerald RH Jr. **South Med J** 1985 Apr;78(4):458–62

PREVENTION & CONTROL

[Physicians' movement against nuclear war] Savel'eva GM. **Akush Ginekol (Mosk)** 1985 May;(5):3–5 (Rus)

DISCHARGE PLANNING see PATIENT DISCHARGE

DISCLOSURE, TRUTH see TRUTH DISCLOSURE

DISCRIMINATION (PSYCHOLOGY)

Speed-accuracy trade-off and time of day. Craig A, et al. **Acta Psychol (Amst)** 1985 Feb;58(2):115–22

Effect of ophthalmic filter thickness on predicted monocular dichromatic luminance and chromaticity discrimination. Richer SP, et al. **Am J Optom Physiol Opt** 1984 Nov;61(11):666–73

Learning as a function of haptic discriminability among items. Newman SE, et al. **Am J Psychol** 1984 Fall;97(3):359–72

Muscle discrimination ability at three muscle sites in three headache groups. Appelbaum KA, et al. **Biofeedback Self Regul** 1984 Dec;9(4):421–30

Individual differences in the ability to discriminate the direction of spontaneous changes in peripheral finger temperature. Yates AJ. **Biofeedback Self Regul** 1984 Dec;9(4):439–50

Degraded discrimination between speech-like sounds by patients with multiple sclerosis and Friedreich's ataxia. Quine DB, et al. **Brain** 1984 Dec;107 (Pt 4):1113–22

Drug discrimination studies. Holtzman SG. **Drug Alcohol Depend** 1985 Feb;14(3–4):263–82 (83 ref.)

Discriminative phonation in macaques: effects of anterior mesial cortex damage. Sutton D, et al. **Exp Brain Res** 1985;59(2):410–3

Learning and interocular transfer of visual discriminations by goldfish with retinotectal compression. Dunn-Meynell AA, et al. **Exp Neurol** 1985 Jun;88(3):696–713

Lateral-position-based models of interaural discrimination. Stern RM Jr, et al. **J Acoust Soc Am** 1985 Feb;77(2):753–5

Delayed signal detection, differential reinforcement, and short-term memory in the pigeon. Harnett P, et al. **J Exp Anal Behav** 1984 Jul;42(1):87–111

Cognitive and chemosensory influences on age-related changes in the ability to identify blended foods. Murphy C. **J Gerontol** 1985 Jan;40(1):47–52

Ordination and cognitive complexity as related to clinical depression. Angelillo J, et al. **J Nerv Ment Dis** 1985 Sep;173(9):546–53

Spatial-frequency discrimination at low frequencies: evidence for position quantization by receptive fields. Hirsch J, et al. **J Opt Soc Am [A]** 1985 Feb;2(2):128–35

Sequential recruitment in the discrimination of velocity. McKee SP, et al. **J Opt Soc Am [A]** 1985 Feb;2(2):243–51

Detection and discrimination of sinusoidal grating displacements. Nakayama K, et al. **J Opt Soc Am [A]** 1985 Feb;2(2):267–74

Spatial-frequency adaptation and grating discrimination: predictions of a line-element model. Wilson HR, et al. **J Opt Soc Am [A]** 1984 Nov;1(11):1091–6

A neural model of interactions subserving prey-predator discrimination and size preference in anuran amphibia. Cervantes-Pérez F, et al. **J Theor Biol** 1985 Mar 7;113(1):117–52

Children judge by the length [letter] Michie S. **Nature** 1985 Aug 1–7;316(6027):396

Neonatally bulbectomized rats with new olfactory-neocortical connections are anosmic. Butler AB, et al. **Neurosci Lett** 1984 Aug 10;48(3):247–54

Trends in drug discrimination research analysed with a cross-indexed bibliography, 1982–1983. Stolerman IP, et al. **Psychopharmacology (Berlin)** 1985;86(1–2):1–11 (191 ref.)

DRUG EFFECTS

Effects of D-galactosamine and D-glucosamine on retention performance of a brightness discrimination task in rats. Popov N. **Biomed Biochim Acta** 1985;44(4):611–22

Differentiation between the stimulus effects of l-5-hydroxytryptophan and LSD. Cunningham KA, et al. **Eur J Pharmacol** 1985 Jan 22;108(2):179–86

Narcotic discrimination in pigeons: antagonism by naltrexone. Herling S, et al. **Eur J Pharmacol** 1984 Oct 1;105(1–2):137–42

Bias of phencyclidine discrimination by the schedule of reinforcement. McMillan DE, et al. **J Exp Anal Behav** 1984 Jul;42(1):51–66

Fluoxetine, a selective inhibitor of serotonin uptake, potentiates morphine analgesia without altering its discriminative stimulus properties or affinity for opioid receptors. Hynes MD, et al. **Life Sci** 1985 Jun 17;36(24):2317–23

Discriminative stimulus properties of methyl 6,7-dimethoxy-4-ethyl-beta-carboline-3-carboxylate (DMCM), an inverse agonist at benzodiazepine receptors. Nielsen EB, et al. **Life Sci** 1985 Jan 7;36(1):15–23

The discriminative stimulus properties of mepyramine. White JM. **Life Sci** 1985 Sep 23;37(12):1145–53

Acquisition and recovery of tolerance to the discriminative stimulus properties of cocaine. Wood DM, et al. **Neuropharmacology** 1984 Dec;23(12A):1419–23

The effects of thyrotropin releasing hormone on a visual discrimination task in rats. Andrews JS, et al. **Pharmacol Biochem Behav** 1984 Nov;21(5):715–9

Acute soman effects in the juvenile baboon: effects on a match-to-sample discrimination task and on total blood acetylcholinesterase. Geller I, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):961–6

Apomorphine increases ethanol discrimination. Schechter MD. **Pharmacol Biochem Behav** 1985 Feb;22(2):179–82

Effects of selective dopamine receptor agonists in rats trained to discriminate apomorphine from saline. Woolverton WL, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):577-81

Discriminative stimulus properties of cocaine in pigeons. de la Garza R, et al. **Psychopharmacology (Berlin)** 1985; 85(1):23-30

Effects of d-amphetamine and morphine on delayed discrimination: signal detection analysis and assessment of response repetition in the performance deficits. Koek W, et al. **Psychopharmacology (Berlin)** 1984;83(4):346-50

The effects of morphine and scopolamine on auditory discrimination in squirrel monkeys. Milar KS, et al. **Psychopharmacology (Berlin)** 1985;85(2):148-50

The discriminative stimulus properties and detection thresholds of intracranial self-stimulation: effects of d-amphetamine, morphine, and haloperidol. Schaefer GJ, et al. **Psychopharmacology (Berlin)** 1985;85(3):289-94

Role of training dose in discrimination of nicotine and related compounds by rats. Stolerman IP, et al. **Psychopharmacology (Berlin)** 1984;84(3):413-9

PHYSIOLOGY

Complex visual discrimination of tridimensional patterns in rats: progressive learning improves discriminative and recognition capacities. Neuenschwander-el Massioui N. **Behav Brain Res** 1984 Jul;13(1):31-42

Relation between simultaneous spatial-discrimination thresholds and luminance in man. Reymond L, et al. **Behav Brain Res** 1984 Oct;14(1):51-9

Impairments of visual object transforms in monkeys. Weiskrantz L, et al. **Brain** 1984 Dec;107 (Pt 4):1033-72

Qualitative discrimination of gustatory stimuli in three different strains of mice. Ninomiya Y, et al. **Brain Res** 1984 Nov 19;322(1):83-92

Event-related potentials, lexical decision and semantic priming. Bentin S, et al. **Electroencephalogr Clin Neurophysiol** 1985 Apr; 60(4):343-55

Eye fixation duration during random texture discrimination. Božkov V, et al. **Int J Psychophysiol** 1984 Aug;2(1):51-8

Preferential-looking assessment of fusion and stereopsis in infants aged 1-6 months. Birch EE, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):366-70

Comparison of pattern VEPs and preferential-looking behavior in 3-month-old infants. Sokol S, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):359-65

Effect of classical conditioning on an internal clock. Roberts S, et al. **J Exp Psychol [Anim Behav]** 1985 Apr; 11(2):194-214

Thermal discrimination thresholds in normal subjects and in patients with diabetic neuropathy. Bertelsmann FW, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):686-90

Equivalent-noise model for contrast detection and discrimination. Ahumada AJ Jr, et al. **J Opt Soc Am [A]** 1985 Jul;2(7):1133-9

Discrimination of luminance increments and decrements. Cohn TE, et al. **J Opt Soc Am [A]** 1985 Mar;2(3):404-7

Comment on 'Line-separation discrimination curve in the human fovea: smooth or segmented'? Hirsch J. **J Opt Soc Am [A]** 1985 Mar;2(3):477-9

Discrimination of crossed and uncrossed disparities. Lasley DJ. **J Opt Soc Am [A]** 1985 Mar;2(3):399-403

Spatial and spatial-frequency primitives in spatial-interval discrimination. Morgan MJ, et al. **J Opt Soc Am [A]** 1985 Jul;2(7):1205-10

Masking of spatial-frequency discrimination. Regan D. **J Opt Soc Am [A]** 1985 Jul;2(7):1153-9

Postadaptation orientation discrimination. Regan D, et al. **J Opt Soc Am [A]** 1985 Feb;2(2):147-55

Discrimination of contour curvature: data and theory. Wilson HR. **J Opt Soc Am [A]** 1985 Jul;2(7):1191-9

Speed discrimination and its relation to involuntary eye movements in human vision. Barbur JL. **Neurosci Lett** 1985 Feb 28;54(1):7-12

Quantitative measure of cutaneous sensation. Two-point discrimination values for the face and trunk. Nolan MF. **Phys Ther** 1985 Feb;65(2):181-5

Perseveration of attention to conspecific odors and novel objects in castrated gerbils. Cheal ML, et al. **Physiol Behav** 1984 Oct;33(4):563-70

How do we discriminate relative spatial phase? Badcock DR. **Vision Res** 1984;24(12):1847-57

Temporal frequency discrimination above threshold. Mandler MB. **Vision Res** 1984;24(12):1873-80

Utrocular discrimination is not sufficient for utrocular identification. Ono H, et al. **Vision Res** 1985;25(2):289-99

[Confusion over left and right] Assal G. **Schweiz Rundsch Med Prax** 1984 Nov 27;73(48):1473-5 (Fre)

[Somatosensory evoked potentials and pain discrimination in man] Murayama N. **Nippon Seirigaku Zasshi** 1985; 47(4):182-9 (Eng. Abstr.) (Jpn)

[Selective attentional functioning as reflected in ERPs during syllable discrimination tasks (I). Results for normal control subjects] Hiramatsu K, et al. **Seishin Shinkeigaku Zasshi** 1984;86(2):120-43 (Eng. Abstr.) (Jpn)

[Restoration of discrimination sensitivity after suturing nerves of the upper extremity] Goven'ko FS. **Zh Nevropatol Psikhiatr** 1985;85(5):681-4 (Eng. Abstr.) (Rus)

DISCRIMINATION LEARNING

Evidence for impersistence in young male alcoholics. Alterman AI, et al. **Alcoholism (NY)** 1984 Sep-Oct; 8(5):448-50

Improving profoundly mentally retarded adults' performance on a position discrimination. Bell J, et al. **Am J Ment Defic** 1984 Sep;89(2):180-6

The role of response-reinforcer relationship in discrimination learning of mentally retarded persons. Delprato DJ, et al. **Am J Ment Defic** 1984 Nov;89(3):267-74

Effects of color on visual discrimination of geometric symbols by severely and profoundly mentally retarded individuals. Meador DM. **Am J Ment Defic** 1984 Nov; 89(3):275-86

Facilitating visual discrimination learning of moderately and severely mentally retarded children through illumination of stimuli. Meador DM, et al. **Am J Ment Defic** 1984 Nov; 89(3):313-6

Attention in discrimination learning in relation to certain teacher-rated behavior anomalies. Siegel PS, et al. **Am J Ment Defic** 1985 Jan;89(4):389-92

Aggression in rats as a function of target location in a double alley. Matzel LD. **Am J Psychol** 1984 Winter;97(4):519-26

Simple delayed discrimination in the rat: a behavioral baseline. Olin DA, et al. **Ann NY Acad Sci** 1985;444:471-4

Comparison scan training and the matching and scanning performance of severely and profoundly mentally retarded students. Lyon SR, et al. **Appl Res Ment Retard** 1984; 5(4):439-49

Persistence of working memory of rats in an aversively motivated radial maze task. Bolhuis JJ, et al. **Behav Brain Res** 1985 Jan;15(1):43-9

Changes in the incorporation of [3H]leucine into proteins of rat hippocampus subregions during the acquisition of a brightness discrimination are lateralized. Lössner B, et al. **Biomed Biochim Acta** 1984;43(12):1405-15

Hemispheric patterns in visual search. Polich J. **Brain Cogn** 1984 Apr;3(2):128-39

Feature-processing deficits following brain injury. II. Classification learning, categorical decision making, and feature production. Wayland S, et al. **Brain Cogn** 1985 Jul; 4(3):356-76

Development of tactile discrimination capacity in Macaca mulatta. II. Effects of partial removal of primary somatic sensory cortex (SmI) in infants and juveniles. Carlson M. **Brain Res** 1984 Sep;318(1):83-101

Development of tactile discrimination capacity in Macaca mulatta. III. Effects of total removal of primary somatic sensory cortex (SmI) in infants and juveniles. Carlson M. **Brain Res** 1984 Sep;318(1):103-17

Development of tactile discrimination capacity in Macaca mulatta. I. Normal infants. Carlson M. **Brain Res** 1984 Sep; 318(1):69-82

Single neuron activity in dorsolateral prefrontal cortex of monkey during operant behavior sustained by food reward. Ono T, et al. **Brain Res** 1984 Oct 8;311(2):323-32

Orthogonality of patterns does not predict their discriminability. Emerson VF, et al. **Can J Psychol** 1984 Dec;38(4):551-60

Lateral symmetry in the tactual perception of roughness. Lederman SJ, et al. **Can J Psychol** 1984 Dec;38(4):599-609

Monocular asymmetries in vision: a phenomenal basis for eye signature. Porac C, et al. **Can J Psychol** 1984 Dec; 38(4):610-24

Abused, neglected, and nonmaltreated preschoolers' ability to discriminate emotions in others: the effects of IQ. Frodi A, et al. **Child Abuse Negl** 1984;8(4):459-65

An information-processing analysis of children's accuracy in predicting the appearance of rotated stimuli. Rosser RA, et al. **Child Dev** 1984 Dec;55(6):2204-11

Cue significance and response regulation in 3- to 6-year-old children's learning of multiple choice discrimination tasks. Bell JA, et al. **Dev Psychobiol** 1985 May;18(3):229-45

The effects of prenatal exposure to predictable or unpredictable stress on early development in the rat. Fride E, et al. **Dev Psychobiol** 1984 Nov;17(6):651-60

Familiar contextual odors promote discrimination learning in preweanling but not in older rats. Wigal T, et al. **Dev Psychobiol** 1984 Sep;17(5):555-70

Discrimination of sucrose-taste by the rat as a potential bioassay for sweeteners. Lal H, et al. **Drug Nutr Interact** 1982;1(2):119-24

Aging and information seeking: patterns in sampling of sucrose solutions. Shapira N, et al. **Int J Aging Hum Dev** 1984-85;20(2):103-12

Heart rate discrimination and heart rate control: a test of Brener's theory. Grigg L, et al. **Int J Psychophysiol** 1984 Dec;2(3):185-201

Perceptual learning in frequency discrimination. Demany L. **J Acoust Soc Am** 1985 Sep;78(3):1118-20

Age-related decrements in Stroop Color Test performance. Cohn NB, et al. **J Clin Psychol** 1984 Sep;40(5):1244-50

Conditional discrimination with conceptual simultaneous and successive cues in the squirrel monkey (Saimiri sciureus). Burdyn LE Jr, et al. **J Comp Psychol** 1984 Dec;98(4):405-13

Olfactory discrimination of individual littermates in rats (Rattus norvegicus). Hopp SL, et al. **J Comp Psychol** 1985 Jun;99(2):248-51

Individual variations in color vision among squirrel monkeys (Saimiri sciureus) of different geographical origins. Jacobs GH, et al. **J Comp Psychol** 1984 Dec;98(4):347-57

Matching and maximizing with variable-time schedules. DeCarlo LT. **J Exp Anal Behav** 1985 Jan;43(1):75-81

The role of observing and attention in establishing stimulus control. Dinsmoor JA. **J Exp Anal Behav** 1985 May; 43(3):365-81 (98 ref.)

Discriminability of frequency of food or stimulus presentations in variable-time schedules. Mandell C. **J Exp Anal Behav** 1984 Sep;42(2):291-303

Six-member stimulus classes generated by conditional-discrimination procedures. Sidman M, et al. **J Exp Anal Behav** 1985 Jan;43(1):21-42

Eliminating selective stimulus control: a comparison of two procedures for teaching mentally retarded children to respond to compound stimuli. Allen KD, et al. **J Exp Child Psychol** 1985 Feb;39(1):55-71

Area-matching strategies used by young children. Silverman IW, et al. **J Exp Child Psychol** 1984 Dec;38(3):464-74

Control of children's observing responses by information feedback during visual discrimination learning. Whiteley JH. **J Exp Child Psychol** 1985 Apr;39(2):265-83

Flexible memory processing by rats: use of prospective and retrospective information in the radial maze. Cook RG, et al. **J Exp Psychol [Anim Behav]** 1985 Jul;11(3):453-69

Extent and limits of the matching concept in monkeys (Cebus apella). D'Amato MR, et al. **J Exp Psychol [Anim Behav]** 1985 Jan;11(1):35-51

Serial position curves in rats: automatic versus effortful information processing. DiMattia BV, et al. **J Exp Psychol [Anim Behav]** 1984 Oct;10(4):557-63

Differential effects of reinforcement of an inhibitory feature after serial and simultaneous feature negative discrimination training. Holland PC. **J Exp Psychol [Anim Behav]** 1984 Oct;10(4):461-75

Forgetting of visual discriminations by pigeons. Kraemer PJ. **J Exp Psychol [Anim Behav]** 1984 Oct;10(4):530-42

Analysis of the unique cue in configural discriminations. Rescorla RA, et al. **J Exp Psychol [Anim Behav]** 1985 Jul; 11(3):356-66

Pigeon memory: same/different concept learning, serial probe recognition acquisition, and probe delay effects on the serial-position function. Santiago HC, et al. **J Exp Psychol [Anim Behav]** 1984 Oct;10(4):498-512

Monkey memory: same/different concept learning, serial probe acquisition, and probe delay effects. Wright AA, et al. **J Exp Psychol [Anim Behav]** 1984 Oct;10(4):513-29

Selective attention and the organization of visual information. Duncan J. **J Exp Psychol [Gen]** 1984 Dec;113(4):501-17

Category differentiation in object recognition: typicality constraints on the basic category advantage. Murphy GL, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Jan; 11(1):70-84

Using stimulus shaping and fading to establish stimulus control in normal and retarded children. Smeets PM, et al. **J Ment Defic Res** 1984 Sep;28 (Pt 3):207-18

Global versus local processing: is there a hemispheric dichotomy? Boles DB. **Neuropsychologia** 1984;22(4):445-55

The effects of stimulus and subject factors on a face matching task. Freeman JM, et al. **Neuropsychologia** 1984;22(5):635-8

An association between hand preference and tactile discrimination performance in the rhesus monkey. Hörster W, et al. **Neuropsychologia** 1985;23(3):411-3

Interhemispheric differences in same versus different judgments upon presentation of complex visual stimuli. Magnani G, et al. **Neuropsychologia** 1984;22(4):527-30

Relationship between changes in hemispheric advantage during familiarization to faces and proficiency in facial recognition. Ross-Kossak P, et al. **Neuropsychologia** 1984; 22(4):471-7

Verbal and modality-specific coding in inter- and intra-modal matching among children and adults. Ittyerah M. **Percept Mot Skills** 1984 Dec;59(3):797-8

Estimates of category width by students in regular and special education. Knutson GG. **Percept Mot Skills** 1984 Oct; 59(2):458

Stability of whole vs part perceptions of visual stimuli. Scruggs TE, et al. **Percept Mot Skills** 1984 Oct; 59(2):547-50

Effects of intertrial interval, orientation, and adaptation on orientation discrimination measured with a yes-no signal detection paradigm. Valle V, et al. **Percept Mot Skills** 1984 Dec;59(3):743-8

The matching paradigm: an exact test procedure. Gillett R. **Psychol Bull** 1985 Jan;97(1):106-18

The status of the minimum principle in the theoretical analysis of visual perception. Hatfield G, et al. **Psychol Bull** 1985 Mar;97(2):155-86

Drug discrimination training with a single choice trial per session. Tomie A, et al. **Psychopharmacology (Berlin)** 1985; 86(1-2):217-22

Routes to object constancy: implications from neurological impairments of object constancy. Humphreys GW, et al. **Q J Exp Psychol [A]** 1984 Aug;36(3):385-415

Differential acquisition rates for different types of information from pictures. Loftus GR, et al. **Q J Exp Psychol [A]** 1983 Feb;35 (Pt 1):187-98

Combining attributes in rapid serial visual presentation tasks. McLean JP, et al. **Q J Exp Psychol [A]** 1983 Feb;35 (Pt 1):171-86

Retroactive interference in rats: independent effects of time and similarity of the intervening event with respect to acquisition. Miller RR, et al. **Q J Exp Psychol [B]** 1985 May;37(2):81-100

Spatial behaviour of cats in cue-controlled environments. Poucet B. **Q J Exp Psychol [B]** 1985 May;37(2):155-79

[Flower or rose? Differences in visual information processing of experts and amateurs] Zimmer HD. **Arch Psychol (Frankf)** 1984;136(4):343-61 (Eng. Abstr.) (Ger)

[A 2-system theory of information processing and its significance for the autistic syndrome and other psychoses] Hartmann H, et al. **Prax Kinderpsychol Kinderpsychiatr** 1984 Oct;33(7):272-81 (Eng. Abstr.) (Ger)

[Acoustic discrimination in musical and non-musical persons] Kette G. **Z Exp Angew Psychol** 1985;32(1):90-103 (Eng. Abstr.) (Ger)

[Use of the labyrinth test in gerontologic functional diagnosis] Pöthig D, et al. **ZFA** 1985 Jan-Feb;40(1):23-8 (Eng. Abstr.) (Ger)

DRUG EFFECTS

Psychopharmacological profile of cholecystokinin using the self-stimulation and the drug discrimination paradigms. De Witte P, et al. **Ann NY Acad Sci** 1985;448:470-87

Animal models of environmentally induced memory impairment. Evans HL, et al. **Ann NY Acad Sci** 1985; 444:513-4

Effects of aniracetam upon the delayed matching-to-sample performance of monkeys and pigeons. Pontecorvo MJ, et al. **Ann NY Acad Sci** 1985;444:531-2

Memory deficits subsequent to chronic consumption of alcohol in mice: an analysis based on spontaneous alternation behavior. Beracochea D, et al. **Behav Brain Res** 1985 Jan;15(1):15-25

Amphetamine disrupts both working and reference memories of rats trained in a radial maze. Beatty WW, et al. **Behav Neural Biol** 1984 Nov;42(2):169-76

Chlordiazepoxide impairs the performance of a learned discrimination. Cole SO, et al. **Behav Neural Biol** 1984 Jul; 41(2):223-30

Olfactory discrimination learning is blocked by leupeptin, a thiol protease inhibitor. Stäubli U, et al. **Brain Res** 1985 Jul 1;337(2):333-6

Radial arm maze performance in rats following neonatal dopamine depletion. Pearson DE, et al. **Dev Psychobiol** 1984 Sep;17(5):505-17

Lorazepam and pentobarbital discrimination: interactions with CGS 8216 and caffeine. Ator NA, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):169-81

Clozapine blocks disruptive and discriminative stimulus effects of quipazine. Friedman RL, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):191-3

Rate dependency, behavioral mechanisms, and behavioral pharmacology. Branch MN. **J Exp Anal Behav** 1984 Nov; 42(3):511-22

Synthesis and LSD-like discriminative stimulus properties in a series of N(6)-alkyl norlysergic acid N,N-diethylamide derivatives. Hoffman AJ, et al. **J Med Chem** 1985 Sep; 28(9):1252-5

Opiate agonist-antagonist interactions: application of a three-key drug discrimination procedure. France CP, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):81-9

Discriminative stimuli produced by clonidine in spontaneously hypertensive rats: generalization to antihypertensive drugs with different mechanisms of action. Lal H, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):33-9

Discriminative stimulus properties of lysergic acid diethylamide in the monkey. Nielsen EB. **J Pharmacol Exp Ther** 1985 Jul;234(1):244-9

The non-sedating anxiolytic CGS 9896 produces discriminative stimuli that may be related to an anxioselective effect. Bennett DA. **Life Sci** 1985 Aug 26; 37(8):703-9

Discriminative stimulus properties of methylxanthines and their metabolites in rats. Carney JM, et al. **Life Sci** 1985 Mar 11;36(10):913-20

Discriminative stimulus properties of the serotonin agonist 1-(3-trifluoromethylphenyl)piperazine (TFMPP). Glennon RA, et al. **Life Sci** 1984 Oct 1;35(14):1475-80

Caffeine-phenylethylamine combinations mimic the amphetamine discriminative cue. Holloway FA, et al. **Life Sci** 1985 Feb 25;36(8):723-30

The discriminative stimulus properties of cocaine and d-amphetamine: a comparison of three routes of administration. de la Garza R, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:150-5

Irreversible and reversible narcotic agonists: discriminative and analgesic effects of buprenorphine, oxymorphazone, and morphine. France CP, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:136-42

Benzodiazepines: drug discrimination and physiological dependence. Griffiths RR, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:163-4

Discriminative stimulus properties of cocaine. Effects of apomorphine, haloperidol, procaine and other drugs. Järbe TU. **Neuropharmacology** 1984 Aug;23(8):899-907

Acquisition and recovery of tolerance to the discriminative stimulus properties of cocaine. Wood DM, et al. **Neuropharmacology** 1984 Dec;23(12A):1419-23

Behavioral analysis of kanamycin administration to mice. Perdue VP, et al. **Neurotoxicology (Park Forest II)** 1984 Summer;5(2):101-12

Effects of psychotropic drugs on discrimination conditioning in olfactory bulbectomized rats. Gomita Y, et al. **Pharmacol Biochem Behav** 1985 May;22(5):717-22

Tolerance to the depressant effects of diazepam in the drug discrimination paradigm. Haug T. **Pharmacol Biochem Behav** 1984 Sep;21(3):409-15

Effect of dopamine agonists and fenfluramine on discriminative behavior in obese and lean Zucker rats. Schechter MD, et al. **Pharmacol Biochem Behav** 1985 Jul; 23(1):7-11

The 5-HT syndrome and the drug discrimination paradigm in rats: application in behavioral studies on the central 5-HT system. Ortmann R. **Pharmacopsychiatry** 1985 Mar; 18(2):198-201

Prolonged ethanol consumption influences shuttle box and passive avoidance performance in rats. Guaza C, et al. **Physiol Behav** 1985 Feb;34(2):163-5

The discriminative stimulus and subjective effects of d-amphetamine in humans. Chait LD, et al. **Psychopharmacology (Berlin)** 1985;86(3):307-12

Chronic diazepam administration and appetitive discrimination learning: acquisition versus steady-state performance in pigeons. Hughes LM, et al. **Psychopharmacology (Berlin)** 1984;84(3):318-22

Discriminative stimulus properties of tripelennamine in the pigeon. Karas CA, et al. **Psychopharmacology (Berlin)** 1985; 86(3):356-8

Cholinergic learning deficits in the marmoset produced by scopolamine and ICV hemicholinium. Ridley RM, et al. **Psychopharmacology (Berlin)** 1984;83(4):340-5

Drug discrimination procedures: roles of relative stimulus control in two-drug cases. Swedberg MD, et al. **Psychopharmacology (Berlin)** 1985;86(4):444-51

[Effects of glycolate esters on conditioned behavior] Mei ZT. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar;6(1):1-3 (Eng. Abstr.) (Chi)

[Effect of drugs on human discrimination ability] Meyer FP, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Aug; 36(8):464-71 (Eng. Abstr.) (Ger)

[Psychological and physical performance standards of borderline hypertensive patients before and during treatment with propranolol] Bolland G, et al. **Z Gesamte Inn Med** 1984 Nov 1;39(21):520-2 (Eng. Abstr.) (Ger)

[Discrimination reversal learning in rats under the treatment of chlordiazepoxide: effect of overtraining] Ichitani Y, et al. **Shinrigaku Kenkyu** 1984 Aug;55(3):176-80 (Eng. Abstr.) (Jpn)

[Comparative characteristics of the discriminative and analgesic effects of morphine] Patkina NA, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):580-1 (Eng. Abstr.) (Rus)

PHYSIOLOGY

The effect of hypoxia on the acquisition of a two-way avoidance task in the guinea-pig. Clincke GH, et al. **Behav Brain Res** 1984 Nov;14(2):131-7

An automated apparatus for the study of visual discriminations in pigeons. Giachetti P, et al. **Behav Brain Res** 1985 May;15(3):255-8

Interocular transfer in the pigeon after lesions of the dorsal supraoptic decussation. Goodale MA. **Behav Brain Res** 1985 Jul;16(1):1-7

Stimulus-dependent form discrimination deficits in cats with superior colliculus lesions. Tunkl JE, et al. **Behav Brain Res** 1985 Jan;15(1):51-61

Discrimination between aversive brain stimulations: effect of stimulation parameters. Lappuke R, et al. **Behav Neural Biol** 1984 Jul;41(2):164-79

Effects of inferior temporal lesions on visual discrimination performance in monkeys with complete and incomplete striate cortex ablations. Campbell AL, et al. **Behav Neurosci** 1984 Dec;98(6):935-45

Monkeys with combined amygdalo-hippocampal lesions succeed in object discrimination learning despite 24-hour intertrial intervals. Malamut BL, et al. **Behav Neurosci** 1984 Oct;98(5):759-69

During stepwise cue deletion, rat place behaviors correlate with place unit responses. Pico RM, et al. **Brain Res** 1985 Mar 25;330(2):369-72

Thalamic negativity associated with the endogenous late positive component of cerebral evoked potentials (P300): recordings using discriminative aversive conditioning in humans and cats. Katayama Y, et al. **Brain Res Bull** 1985 Mar;14(3):223-6

ERPs to response production and inhibition. Pfefferbaum A, et al. **Electroencephalogr Clin Neurophysiol** 1985 May; 60(5):423-34

Early prolonged light-deprivation in hooded rats: deficits in two visual discrimination paradigms. Caspy T, et al. **Int J Psychophysiol** 1983 Aug;1(1):83-9

Central factors in the discrimination and identification of complex sounds. Watson CS, et al. **J Acoust Soc Am** 1985 Jul;78(1 Pt 2):375-80

Discrimination of letters and random dot patterns by pigeons and humans. Blough DS. **J Exp Psychol [Anim Behav]** 1985 Apr;11(2):261-80

Age-related effects of temporal contingencies on response speed and memory: an operant analysis. Baron A, et al. **J Gerontol** 1985 Jan;40(1):60-70

Effects of inferior temporal lesions on discrimination of stimuli differing in orientation. Holmes EJ, et al. **J Neurosci** 1984 Dec;4(12):3063-8

Radial maze performance in young and aged mice: neurochemical correlates. Bernstein D, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):301-7

Deficits in visual discrimination performance following neglect-producing unilateral lateral hypothalamic lesions in the albino rat. Ackil JE, et al. **Physiol Behav** 1984 Jun; 32(6):915-22

Disruption of tactile discrimination in rats by bilateral stimulation of midbrain lemniscal pathways. Frommer GP, et al. **Physiol Behav** 1985 Feb;34(2):205-11

Effect of bilateral olfactory bulbectomy on discrimination avoidance conditioning in rats. Gomita Y, et al. **Physiol Behav** 1984 Jun;32(6):1011-6

Lateralization of visually controlled behavior in pigeons. Güntürkün O. **Physiol Behav** 1985 Apr;34(4):575-7

Regional hippocampal lesions alter matching by monkeys; an anorexiant effect. Jackson WJ. **Physiol Behav** 1984 Apr; 32(4):593-601

Discriminative control of hyperdipsic drinking in the baboon. Turkkan JS, et al. **Physiol Behav** 1984 Dec;33(6):989-92

Two eyes are better than one: superior binocular discrimination learning in pigeons. Watanabe S, et al. **Physiol Behav** 1984 May;32(5):847-50

The effects of discrimination training on voluntary control of cephalic vasomotor activity. Fudge R, et al. **Psychophysiology** 1985 May;22(3):300-6

Strain differences in open field activity after learning in mice. Kvist B. **Scand J Psychol** 1984;25(4):370-80

The application of a programmable maze as a behavioural model in psychophysiology. Pögelt A, et al. **Z Psychol** 1984;192(3):307-18

[Significance of presetting an analyzer system in discriminating light intensity in the cat] Lavrov VV. **Zh Vyssh Nerv Deiat** 1985 Mar-Apr;35(2):245-52 (Eng. Abstr.) (Rus)

DISEASE

Erythema multiforme. A clinical syndrome and a histologic complex. Reed RJ. **Am J Dermatopathol** 1985 Apr; 7(2):143-52

Apparently new oculo-cerebro-acral syndrome. Atkin JF, et al. **Am J Med Genet** 1984 Nov;19(3):585-7

The Pena-Shokeir syndrome: report of nine Dutch cases. Lindhout D, et al. **Am J Med Genet** 1985 Aug;21(4):655-68

The ecology of infectious and neoplastic disease: a conceptual unification. Lower GM Jr. **Ecol Dis** 1983;2(4):397-407

Should sick children be immunized? Verma IC. **Indian J Pediatr** 1984 Sep-Oct;51(412):559-60

The dental management of medically compromised patients. Goss AN. **Int Dent J** 1984 Dec;34(4):227-31

Lay medical knowledge in the eighteenth century: the evidence of the Gentleman's Magazine. Porter R. **Med Hist** 1985 Apr;29(2):138-68

Simplicity—the key to fruitful medical research. Temple NJ. **Med Hypotheses** 1985 Jun;17(2):139-45

The impact of disease on civilization. Leavesley J. **Med J Aust** 1984 Sep 15;141(6):377-9

Health and disease among the oldest old: a clinical perspective. Minaker KL, et al. **Milbank Mem Fund Q** 1985 Spring;63(2):324-49 (36 ref.)

Common-sense models of health and disease. Gillick MR. **N Engl J Med** 1985 Sep 12;313(11):700-3

Disease and the humanities. **Theor Med** 1985 Jun;6(2):129-232

The collective representation of affliction: some reflections on disability and disease as social facts. Blum A. **Theor Med** 1985 Jun;6(2):221-32

Scepticism and public health: on the problem of disease for the collective. Colfer P. **Theor Med** 1985 Jun;6(2):143-52

System and disease: on the fundamental problem of theoretical pathology. Hucklenbroich P. **Theor Med** 1984 Oct;5(3):307-23

Construction of illness: deconstructing the social. Karatheodoris SG. **Theor Med** 1985 Jun;6(2):205-19

Changing patterns of disease. Lorber B. **Trans Stud Coll Physicians Phila** 1985 Jun;7(2):117-30

[Health and disease: concepts, values and practices in everyday life] Buchmann M, et al. **Soz Praventivmed** 1985; 30(3):125-8 (Eng. Abstr.) (Ger)

[Definition of concepts] Stach R. **Z Arztl Fortbild (Jena)** 1985;79(13):587-9 (Ger)

[The deterministic concept of human diseases] Petlenko VP, et al. **Arkh Patol** 1984;46(10):3-10 (49 ref.) (Eng. Abstr.) (Rus)

[The problem of the natural and the artificial in medicine] Abdyldaev TA, et al. **Vestn Akad Med Nauk SSSR** 1985; (5):42-6 (Rus)

[Suffering as a problem in the history of philosophy and medical ethics] Ivaniushkin AIa. **Vestn Akad Med Nauk SSSR** 1985;(5):56-61 (Rus)

BLOOD

Comparative study of serum amyloid A protein and C-reactive protein in disease. Maury CP. **Clin Sci** 1985 Feb;68(2):233-8

Amidolytic and immuno-nephelometric determination of alpha 1-proteinase inhibitor and alpha 2-macroglobulin in serum with calculation of specific inhibitor activities in health and disease. Gressner AM, et al. **J Clin Chem Clin Biochem** 1984 Oct;22(10):633-40

Effects of aging and illness on the pituitary testicular axis in men: qualitative as well as quantitative changes in luteinizing hormone. Warner BA, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):263-8

CHEMICALLY INDUCED

Lessons for living in a chemical world. Selikoff IJ. **Bull Environ Contam Toxicol** 1984 Dec;33(6):682–95 (1 ref.)

CLASSIFICATION

Simplified acute physiology score [letter] Abizanda R, et al. **Crit Care Med** 1985 Jun;13(6):517

APACHE II: a severity of disease classification system. Knaus WA, et al. **Crit Care Med** 1985 Oct;13(10):818–29

Clustering diagnoses: a method of interpreting morbidity data. Hodgkin P, et al. **Fam Pract** 1984 Dec;1(4):228–42

Classification in general practice. Patterson WM. **Fam Pract** 1985 Mar;2(1):1–3

DRGs: a recent refinement to an old method. Levine E, et al. **Inquiry** 1984 Summer;21(2):105–12

Methodological issues in case-control studies. III—The effect of joint misclassification of risk factors and confounding factors upon estimation and power. Fung KY, et al. **Int J Epidemiol** 1984 Sep;13(3):366–70

Restructuring the International Classification of Diseases: need for a new paradigm. White KL. **J Fam Pract** 1985 Jul;21(1):17–8, 20

Extending the New York Heart Association classification system [letter] Chop WM Jr. **JAMA** 1985 Jul 26;254(4):505

Diagnosis-related groups and severity. ICD-9-CM, the real problem. Mullin RL. **JAMA** 1985 Sep 6;254(9):1208–10

The effect of including secondary diagnoses on the description of the diagnostic content of family practice. Schneeweiss R, et al. **Med Care** 1984 Nov;22(11):1058–63

Of disease codification, classification and nomenclature [editorial] Fenna D. **Med Inf (Lond)** 1985 Jan–Mar;10(1):1–3

Classification of reasons why persons seek primary care: pilot study of a new system. Lamberts H, et al. **Public Health Rep** 1984 Nov–Dec;99(6):597–605

Homosexuality and the International Classification of Diseases [editorial] Laurenti R. **Rev Saude Publica** 1984 Oct;18(5):344–7 (Eng, Por)

Results of the international field trial with the Reason for Encounter Classification. Lamberts H, et al. **Soz Praventivmed** 1985;30(2):80–7

[International Statistical Classification of Diseases, 9th revision: Neoplasms] Napalkov NP, et al. **Vopr Onkol** 1984;30(12):3–9 (Rus)

[The present state of preparation for the 10th revision of the International Classification of Diseases] Beniaková J, et al. **Cesk Zdrav** 1985 Feb;33(2):83–9 (Eng. Abstr.) (Slo)

COMPLICATIONS

Trimipramine in physical illness with depression. Rifkin A, et al. **J Clin Psychiatry** 1985 Feb;46(2 Pt 2):4–8

Discussion of 'controversies in psychiatry': depression in the medically ill, sleep disorders in the elderly, and the DST. Schatzberg AF. **J Clin Psychiatry** 1985 Feb;46(2 Pt 2):30–1

ECONOMICS

The nature, meaning and measurement of health and illness: an economic viewpoint. Williams A. **Soc Sci Med** 1985;20(10):1023–7

ETIOLOGY

Medical cause versus legal cause. Gorman WF. **Ariz Med** 1985 Jan;42(1):27–8

On the use of case series to identify disease risk factors. Prentice RL, et al. **Biometrics** 1984 Jun;40(2):445–58

Life's happenings and organic disease. Connolly J. **Br J Hosp Med** 1985 Jan;33(1):24–7

Effects of the menstrual cycle on medical disorders. Magos A, et al. **Br J Hosp Med** 1985 Feb;33(2):68–77

An assessment of nutritional depletion following major colonic surgery. Guess CW, et al. **Dis Colon Rectum** 1984 Oct;27(10):669–71

Multifactorial pathogenesis: ought we to classify disease or treat the individual's causes of disease? Ahlqvist J. **Med Hypotheses** 1985 Mar;16(3):289–302 (67 ref.)

Three models of medicine. (An integrated theory of aging and age-associated diseases). Dilman VM. **Med Hypotheses** 1984 Oct;15(2):185–208

Free radical-induced pathology. Clark IA, et al. **Med Res Rev** 1985 Jul–Sep;5(3):297–332 (346 ref.)

Psychological and physical long-term effects of torture. A follow-up examination of 22 Greek persons exposed to torture 1967–1974. Petersen HD, et al. **Scand J Soc Med** 1985;13(3):89–93

[Magic in medicine] Meijler FL. **Ned Tijdschr Geneeskd** 1985 Mar 16;129(11):484–5 (Dut)

[Generation and evaluation of etiologic hypotheses in epidemiology] Philippe P. **Soc Sci Med** 1985;20(7):681–9 (Eng. Abstr.) (Fre)

[Systems and their regulation] Buddeberg C. **Ther Umsch** 1984 Nov;41(11):747–54 (Eng. Abstr.) (Ger)

[Unity of etiology and pathogenesis as well as diagnosis and therapy as a basic prerequisite of successful medical care] Hecht A. **Z Arztl Fortbild (Jena)** 1984;78(17):737–41 (Ger)

[Retrospective assessment of causative factors in disease] Vale JR, et al. **Tidsskr Nor Laegeforen** 1985 Jan 30;105(3):223–5 (Eng. Abstr.) (Nor)

[Evolution of the concept of disease with particular reference to psychosomatic disorders] Brodziak A. **Pol Tyg Lek** 1984 Jun 11;39(24):801–5 (Pol)

[Emotions, immunity and disease] Solomon GF, et al. **Fiziol Cheloveka** 1984 Mar–Apr;10(2):242–51 (117 ref.) (Rus)

[Risk factors in clinical medicine] Briskin BS. **Klin Med (Mosk)** 1984 Aug;62(8):148–50 (Rus)

METABOLISM

Influence of disease on drug toxicity. Turner P. **Arch Toxicol [Suppl]** 1984;7:33–8

Survey of the human acetylator polymorphism in spontaneous disorders. Evans DA. **J Med Genet** 1984 Aug;21(4):243–53 (100 ref.)

Effect of severe injury and critical illness on high-energy phosphates in human liver and muscle. Liaw KY, et al. **J Trauma** 1985 Jul;25(7):628–33

Free radicals and disease in man. Proctor PH, et al. **Physiol Chem Phys Med NMR** 1984;16(3):175–95 (265 ref.)

PHYSIOPATHOLOGY

Attitudes of health care providers toward elderly patients with normal aging and disease-related symptoms. Baker RR. **Gerontologist** 1984 Oct;24(5):543–5

Course-of-illness graphs. Caplan LR. **Hosp Pract [Off]** 1985 Jul 15;20(7):125, 129, 134–6

Changing patterns of disease associated with increased affluence. Burkitt DP. **Rev Environ Health** 1984;4(2):121–31 (9 ref.)

[Can weather cause disease?] Becker F. **Med Monatsschr Pharm** 1985 Jan;8(1):8–14 (Ger)

PSYCHOLOGY

Health psychology. Krantz DS, et al. **Annu Rev Psychol** 1985;36:349–83 (36 ref.)

Coping: conceptual and methodological issues. Panzarine S. **ANS** 1985 Jul;7(4):49–57

Unrecognised psychiatric illness in medical patients [editorial] Nabarro J. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):635–6

Recognizing depression in patients receiving medical care. Saltz CC, et al. **Health Soc Work** 1985 Winter;10(1):15–22

An integrative model of health, illness, and disease. Weiner H. **Health Soc Work** 1984 Fall;9(4):253–60

Confiding in others and illness rate among spouses of suicide and accidental-death victims. Pennebaker JW, et al. **J Abnorm Psychol** 1984 Nov;93(4):473–6

Serious illness in the analyst: countertransference considerations. Abend SM. **J Am Psychoanal Assoc** 1982;30(2):365–79

Serious illness in the analyst: transference, countertransference, and reality responses. Dewald PA. **J Am Psychoanal Assoc** 1982;30(2):347–63

Use of desipramine in the medically ill. Cavanaugh SV. **J Clin Psychiatry** 1984 Oct;45(10 Pt 2):23–9

Depression and physical illness: a multiwave, nonrecursive causal model. Aneshensel CS, et al. **J Health Soc Behav** 1984 Dec;25(4):350–71

The role of predisposing and moderating factors in the stress-illness relationship. Cronkite RC, et al. **J Health Soc Behav** 1984 Dec;25(4):372–93

Emotional factors in the patient's illness. Briggs GW, et al. **J Miss State Med Assoc** 1985 Feb;26(2):43–5

The effect of illness behaviour on the apparent relationship between physical and mental disorders. Benjamin S, et al. **J Psychosom Res** 1984;28(5):387–95

News of risk as a potential stressor [editorial] Horowitz M. **JAMA** 1985 Apr 5;253(13):1929

Children's concepts of illness: implications for health teaching. Pidgeon V. **Matern Child Nurs J** 1985 Spring;14(1):23–35

Disease as a reflection of the psyche [editorial] Angell M. **N Engl J Med** 1985 Jun 13;312(24):1570–2

A biopsychosocial view of human health. Shaver JF. **Nurs Outlook** 1985 Jul–Aug;33(4):186–91

Psychosocial events and subsequent illness—a review. Girard DE, et al. **West J Med** 1985 Mar;142(3):358–63

[Disease and personality] Grabow L. **Med Monatsschr Pharm** 1985 Feb;8(2):42–51 (Ger)

[Impaired health as a cause for inability to take exams] Bachmann W. **Off Gesundheitswes** 1984 Oct;46(10):507–11 (Ger)

RADIOGRAPHY

Canadian diagnostic radiology manpower 1982. MacEwan DW, et al. **J Can Assoc Radiol** 1984 Sep;35(3):297–300

DISEASE MODELS, ANIMAL

In vivo model for the acute, latent and reactivated phases of cytomegalovirus infection. Gönczöl E, et al. **Acta Microbiol Hung** 1985;32(1):39–47

A rabbit model of intracerebral hematoma. Kaufman HH, et al. **Acta Neuropathol (Berl)** 1985;65(3–4):318–21

A new mutant strain of Syrian hamster with myelin deficiency. Nunoya T, et al. **Acta Neuropathol (Berl)** 1985;65(3–4):305–12

Experimental scoliosis in monkeys. Thomas S, et al. **Acta Orthop Scand** 1985 Feb;56(1):43–6

Electrical stimulation of the auditory system in animals profoundly deaf from birth. Bock GR, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1985;421:108–13

Functional eustachian tube obstruction and otitis media in a primate model. A review. Doyle WJ. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:52–7 (20 ref.)

Experimentally induced otitis media with effusion. Salén B, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:67–70

Protracted histopathological change of the liver necrosis induced by Shwartzman reaction. An experimental animal model of liver cirrhosis? Shiga J, et al. **Acta Pathol Jpn** 1985 Jan;35(1):103–7

A rat model for sepsis in chronic biliary obstruction. Tanaka N, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Jun;93(3):171–4

Experimental models of anxiety. Problems and perspectives. Griez E. **Acta Psychiatr Belg** 1984;84:511–32 (61 ref.)

Pathology of experimental infection with Brugia malayi in ferrets: comparison with occult filariasis in man. Crandall RB, et al. **Acta Trop (Basel)** 1984 Dec;41(4):373–81

Murine models of systemic lupus erythematosus. Theofilopoulos AN, et al. **Adv Immunol** 1985;37:269–390 (597 ref.)

Diabetes mellitus: relationships of nonhuman primates and other animal models to human forms of diabetes. Howard CF Jr. **Adv Vet Sci Comp Med** 1984;28:115–49 (327 ref.)

Nonhuman primate models for human disease. McClure HM. **Adv Vet Sci Comp Med** 1984;28:257–304 (246 ref.)

Experimental leprosy in nonhuman primates. Martin LN, et al. **Adv Vet Sci Comp Med** 1984;28:201–36 (109 ref.)

Viral disease models in primates. Soike KF, et al. **Adv Vet Sci Comp Med** 1984;28:151–99 (322 ref.)

The usability of the MRL/1 mouse strain in detection of anti-rheumatic drugs. Toivonen ML, et al. **Agents Actions** 1984 Dec;15(5–6):578–83

Oral self administration of ethanol in free feeding rats. Grant KA, et al. **Alcohol** 1985 Mar–Apr;2(2):317–21

Further study of induced behavioral dependence on ethanol in rats. Le Magnen J, et al. **Alcohol** 1984 Jul–Aug;1(4):269–73

Initial sensitivity of rat inbred strains to acute alcohol. Deitrich RA, et al. **Alcoholism (NY)** 1984 Sep–Oct;8(5):487–90

Development of the National Institutes of Health genetically heterogeneous rat stock. Hansen C, et al. **Alcoholism (NY)** 1984 Sep–Oct;8(5):477–9

Alcohol preference and voluntary alcohol intakes of inbred rat strains and the National Institutes of Health heterogeneous stock of rats. Li TK, et al. **Alcoholism (NY)** 1984 Sep–Oct;8(5):485–6

Genetic differences in the effect of ethanol on plasma corticosterone and nonesterified fatty acid in rats. Pohorecky LA. **Alcoholism (NY)** 1984 Sep–Oct;8(5):500–4

Correlative analysis of ethanol-related phenotypes in rat inbred strains. Spuhler K, et al. **Alcoholism (NY)** 1984 Sep–Oct;8(5):480–4

Studies on tolerance development in inbred and heterogeneous stock National Institutes of Health rats. Tabakoff B, et al. **Alcoholism (NY)** 1984 Sep–Oct;8(5):495–9

Initial coronary air embolus in the differential diagnosis of coronary artery spasm. Heupler FA Jr, et al. **Am J Cardiol** 1985 Mar 1;55(6):657–61

Experimental CPR models: the issue of utility [editorial] Bircher N, et al. **Am J Emerg Med** 1984 Jul;2(4):371

An experimental circulatory arrest model in the rat to evaluate calcium antagonists in cerebral resuscitation. de Garavilla L, et al. **Am J Emerg Med** 1984 Jul;2(4):321–6

The pathogenesis of pancreatic pseudocysts—a canine experimental model. Salinas A, et al. **Am J Gastroenterol** 1985 Feb;80(2):126–31

Animal models of osteomyelitis. Mader JT. **Am J Med** 1985 Jun 28;78(6B):213–7

Pregnancy-induced hypertension: development of a model in the pregnant primate (Papio anubis). Cavanagh D, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):987–99

Spontaneous nephrotic syndrome in a genetic rat model. Abramowsky CR, et al. **Am J Pathol** 1984 Dec;117(3):400–8

Calcified microbial plaque. Dental calculus of dogs. Coignoul E, et al. **Am J Pathol** 1984 Dec;117(3):499–501

Neonatal biliary atresia. Cornelius CE, et al. **Am J Pathol** 1985 Jan;118(1):168–71

Idiopathic torticollis. Torticollis in white Pekin ducks. Gopalakrishnakone P. **Am J Pathol** 1985 Mar;118(3):500–1

Electron-microscopic analysis of nephroblastomas induced transplacentally in the IIIVO/J rabbit by a single dose of N-ethylnitrosourea. Hard GC, et al. **Am J Pathol** 1984 Nov;117(2):239–51

Induction of experimental allergic sialadenitis in mice. Hayashi Y, et al. **Am J Pathol** 1985 Mar;118(3):476–83

Diverticulosis and salpingitis isthmica nodosa (SIN) of the fallopian tube. Estrogen-induced diverticulosis and SIN of the mouse oviduct. Newbold RR, et al. **Am J Pathol** 1984 Nov;117(2):333–5

Effects of deoxycoformycin in mice. III. A murine model reproducing multi-system pathology of human adenosine deaminase deficiency. Ratech H, et al. **Am J Pathol** 1985 Apr;119(1):65–72

Large granular lymphocyte leukemia in F344 rats. Model for human T gamma lymphoma, malignant histiocytosis and T-cell chronic lymphocytic leukemia. Stromberg PC. **Am J Pathol** 1985 Jun;119(3):517–9

Transplantation of human hyperthyroid tissue to the nude mouse. An experimental model. Vignaud JM, et al. **Am J Pathol** 1984 Dec;117(3):355–9

An experimental model of syndrome of inappropriate antidiuretic hormone secretion in the rat. Verbalis JG. **Am J Physiol** 1984 Oct;247(4 Pt 1):E540–53

Susceptibility of different populations of Colombian Aotus monkeys to the FCB–1 strain of Plasmodium falciparum. Espinal C, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):777–82

Pathogenesis of Hantaan virus infection in suckling mice: clinical, virologic, and serologic observations. Kim GR, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):388–95

The guinea pig model for Argentine hemorrhagic fever. Oubiña JR, et al. **Am J Trop Med Hyg** 1984 Nov; 33(6):1251–7

Plasmid content and pathogenicity of Campylobacter jejuni and Campylobacter coli strains in the pregnant guinea pig model. Taylor DE, et al. **Am J Vet Res** 1984 Oct; 45(10):2201–2

Pulmonary function tests in the detection of small airway obstruction in a canine model of bronchiolitis obliterans. Mink SN, et al. **Am Rev Respir Dis** 1984 Dec; 130(6):1125–33

Motheaten mice—an animal model with an inherited form of interstitial lung disease. Rossi GA, et al. **Am Rev Respir Dis** 1985 Jan;131(1):150–8

Cerebral and cardiopulmonary responses to high–frequency jet ventilation and conventional mechanical ventilation in a model of brain and lung injury. Shuptrine JR, et al. **Anesth Analg** 1984 Dec;63(12):1065–70

Hippocampal dendritic abnormalities in a rat model of phenylketonuria. Lacey DJ. **Ann Neurol** 1984 Nov; 16(5):577–80

Experimental autoimmune demyelination. Chronic relapsing models and their therapeutic implications for multiple sclerosis. Raine CS, et al. **Ann NY Acad Sci** 1984;436:33–51

Ossicular and otic capsular lesions in LP/J mice. Chole RA, et al. **Ann Otol Rhinol Laryngol** 1985 Jul–Aug;94(4 Pt 1):366–72

Effects of simulated clinical cardiopulmonary bypass and cardioplegia on mass of the canine left ventricle. Rosenblum HM, et al. **Ann Thorac Surg** 1985 Feb; 39(2):139–48

Meningo–encephalitis accompanying retinochoroiditis in a murine model of congenital toxoplasmosis. Hay J, et al. **Ann Trop Med Parasitol** 1985 Feb;79(1):21–9

Progressive foot swelling in BUF rats. A new animal model for screening of anti–inflammatory and anti–rheumatic drugs. Ishizuki S, et al. **Arch Int Pharmacodyn Ther** 1984 Oct;271(2):303–14

Lipid keratopathy in rabbits. An animal model system. Stock EL, et al. **Arch Ophthalmol** 1985 May;103(5):726–30

Induction of chronic polyarthritis in rabbits by hyperimmunization with Escherichia coli. I. Pathologic and serologic features in two breeds of rabbits. Aoki S, et al. **Arthritis Rheum** 1985 May;28(5):522–8

The effect of selective breeding on the development of coronary atherosclerosis in WHHL rabbits. An animal model for familial hypercholesterolemia. Watanabe Y, et al. **Atherosclerosis** 1985 Jul;56(1):71–9

Development of a model of caval syndrome in dogs infected with Dirofilaria immitis. Buoro IB, et al. **Aust Vet J** 1984 Aug;61(8):267–8

Searching–waiting strategy: a candidate for an evolutionary model of depression? Thierry B, et al. **Behav Neural Biol** 1984 Jul;41(2):180–9

Serum bilirubin constituents in different experimental models of conjugated hyperbilirubinemia. Mor L, et al. **Biochem Med** 1985 Apr;33(2):256–67

Models of anxiety. File SE. **Br J Clin Pract [Symp Suppl]** 1985 May;38:15–20

An animal model of haemolytic—uraemic syndrome in shigellosis: lipopolysaccharides of Shigella dysenteriae I and S. flexneri produce leucocyte–mediated renal cortical necrosis in rabbits. Butler T, et al. **Br J Exp Pathol** 1985 Feb;66(1):7–15

The immune response to pertussis in the 6–day air pouch: a model of chronic synovitis. Sedgwick AD, et al. **Br J Exp Pathol** 1985 Aug;66(4):455–64

Ethylene oxide induces central–peripheral distal axonal degeneration of the lumbar primary neurones in rats. Ohnishi A, et al. **Br J Ind Med** 1985 Jun;42(6):373–9

Animal research: the experimental model. Frame JW. **Br J Oral Maxillofac Surg** 1984 Oct;22(5):341–8

Animal research: the law and ethics. Gracey JF. **Br J Oral Maxillofac Surg** 1984 Oct;22(5):349–51

An experimental model of detrusor instability in the obstructed pig. Sibley GN. **Br J Urol** 1985 Jun;57(3):292–8

Galactocerebroside antiserum causes demyelination of cat optic nerve. Carroll WM, et al. **Brain Res** 1985 Mar 25; 330(2):378–81

MPTP primate model of Parkinson's disease: a mechanographic and electromyographic study. Doudet D, et al. **Brain Res** 1985 May 27;335(1):194–9

Deafferentation in animals as a model for the study of pain: an alternative hypothesis. Rodin BE, et al. **Brain Res** 1984 Aug;319(3):213–28 (109 ref.)

L–pyroglutamate: an alternate neurotoxin for a rodent model of Huntington's disease. Rieke GK, et al. **Brain Res Bull** 1984 Sep;13(3):443–56

The V2 carcinoma of the rabbit as an integrated model of tumor invasion. Sträuli P, et al. **Bull Cancer (Paris)** 1984; 71(5):447–52 (41 ref.)

Screening procedure using chicks infected with the sporozoites of Plasmodium gallinaceum in an antimalarial drug development programme. Kinnamon KE, et al. **Bull WHO** 1985;63(1):119–23

A model for malignancy–associated humoral hypercalcemia. Abramson EC, et al. **Calcif Tissue Int** 1984 Sep;36(5):563–7

Cis–platinum treatment for malignancy–associated humoral hypercalcemia in an athymic mouse model. Kukla LJ, et al. **Calcif Tissue Int** 1984 Sep;36(5):559–62

Experimental meningococcal infection in neonatal animals: models for mucosal invasiveness. Salit IE, et al. **Can J Microbiol** 1984 Aug;30(8):1022–9

The gray opossum (Monodelphis domestica): a marsupial model for xenogeneic neoplasms. Fadem BH, et al. **Cancer Lett** 1985 Jun;27(2):233–8

Considerations in the use of nude mice for cancer research. Sharkey FE, et al. **Cancer Metastasis Rev** 1984;3(4):341–60 (133 ref.)

Identification of a high–frequency model for renal carcinoma by the induction of renal tumors in the mouse with a single dose of streptozotocin. Hard GC. **Cancer Res** 1985 Feb; 45(2):703–8

A common biochemical pattern in preneoplastic hepatocyte nodules generated in four different models in the rat. Roomi MW, et al. **Cancer Res** 1985 Feb;45(2):564–71

Hormonal therapy of human endometrial adenocarcinoma in a nude mouse model. Zaino RJ, et al. **Cancer Res** 1985 Feb;45(2):539–41

Stability of the in vivo P388 leukemia model in evaluation of antitumor activity of natural products. Marsh JC, et al. **Cancer Treat Rep** 1985 Jun;69(6):683–5

Inducible ventricular arrhythmias in a naturally occurring model of cardiomyopathy. Dunnigan A, et al. **Cardiovasc Res** 1984 Oct;18(10):645–50

A clinically relevant model of heart failure: effects of ticlopidine. Nuttall A, et al. **Cardiovasc Res** 1985 Apr; 19(4):187–92

Experimental models of heart failure. Smith HJ, et al. **Cardiovasc Res** 1985 Apr;19(4):181–6

Freeze–thaw injury of rat heart across an intact diaphragm: a new model for the study of the response of myocardium to injury. Vracko R, et al. **Cardiovasc Res** 1985 Feb; 19(2):76–84

Myocardial ischaemia produced by ergonovine–induced vasoconstriction during preexisting coronary stenosis: experimental conditions for the geometric theory. Yokoyama M, et al. **Cardiovasc Res** 1985 Apr;19(4):237–48

Animal models for protecting ischemic myocardium: results of the NHLBI Cooperative Study. Comparison of unconscious and conscious dog models. Reimer KA, et al. **Circ Res** 1985 May;56(5):651–65

Hemodynamic and hematologic changes in a standardized trauma–sepsis model in rats. Pedersen P, et al. **Circ Shock** 1984;14(1):13–23

Fluorometric assay of alpha–L–iduronidase in serum for detection of affected and carrier animals in a canine model of mucopolysaccharidosis I. Shull RM, et al. **Clin Chem** 1985 Jun;31(6):826–7

Enkephalins in pheochromocytoma: studies in a rat model. Parmer RJ, et al. **Clin Exp Hypertens [A]** 1985;7(4):483–512

Relevance of an experimental model to clinical IgA nephropathy. Lamm ME, et al. **Contrib Nephrol** 1984; 40:32–6

Shock and starvation: similar metabolism in different energy–depletion states. Barillo DJ, et al. **Curr Surg** 1985 May–Jun;42(3):204–7

A reproducible large animal model of acute hepatic failure. Karrer FM, et al. **Curr Surg** 1984 Nov–Dec;41(6):464–7

Detection of minimal disease in acute leukemia using flow cytometry: studies in a rat model for human acute leukemia. Martens AC, et al. **Cytometry** 1985 Jul;6(4):342–7

An attempt to infect turtles (Kinosternon leucostonum) with Mycobacterium leprae and M. lepraemurium. Rojas–Espinosa O, et al. **Dev Comp Immunol** 1985 Winter; 9(1):147–50

Experimental maternal phenylketonuria: an examination of two animal models. Loo YH, et al. **Dev Neurosci** 1983–84; 6(4–5):227–34

Is there an animal model for gestational diabetes? Hellerström C, et al. **Diabetes** 1985 Jun;34 Suppl 2:28–31 (30 ref.)

Clinical relevance of animal models of Pneumocystis carinii pneumonia. Walzer PD, et al. **Diagn Microbiol Infect Dis** 1984 Jan;2(1):1–6

Workshop on experimental pancreatitis. Steer ML. **Dig Dis Sci** 1985 Jun;30(6):575–81

Effect of deoxycholic acid on the tumour incidence, distribution, and receptor status of colorectal cancer in the rat model. Summerton J, et al. **Digestion** 1985;31(2–3):77–81

A search for a suitable animal model for bone tumors: a review. Pelfrène AF. **Drug Chem Toxicol** 1985;8(1–2):83–99 (32 ref.)

Suitability of animal models for predictive toxicology: theoretical and practical considerations. Calabrese EJ. **Drug Metab Rev** 1984;15(3):505–23 (19 ref.)

Animal models of nonthyroidal disease. Tibaldi JM, et al. **Endocr Rev** 1985 Winter;6(1):87–102 (79 ref.)

Animal models of male infertility: mice bearing single–gene mutations that induce infertility. Chubb C, et al. **Endocrinology** 1985 Jul;117(1):338–46

Squamous carcinoma model of humoral hypercalcemia of malignancy. Gkonos PJ, et al. **Endocrinology** 1984 Dec; 115(6):2384–90

The development of a male pseudohermaphroditic rat using an inhibitor of the enzyme 5 alpha–reductase. Imperato–McGinley J, et al. **Endocrinology** 1985 Feb; 116(2):807–12

Histogenesis of pancreatic carcinogenesis in the hamster: ultrastructural evidence. Flaks B. **Environ Health Perspect** 1984 Jun;56:187–203 (90 ref.)

Studies of pancreatic carcinogenesis in different animal models. Scarpelli DG, et al. **Environ Health Perspect** 1984 Jun;56:217–27 (55 ref.)

Do we need new chemosensitive experimental models? Atassi G. **Eur J Cancer Clin Oncol** 1984 Oct;20(10):1217–20

Naloxone in experimental spinal cord ischemia: dose–response studies. Faden AI, et al. **Eur J Pharmacol** 1984 Aug 3;103(1–2):115–20

Species differences in the responses of the eye to irritation and trauma: a hypothesis of divergence in ocular defense mechanisms, and the choice of experimental animals for eye research. Bito LZ. **Exp Eye Res** 1984 Dec;39(6):807–29 (103 ref.)

Animal models in atherosclerosis research. Jokinen MP, et al. **Exp Mol Pathol** 1985 Feb;42(1):1–28 (141 ref.)

Brugia pahangi: comparative susceptibility of the Mongolian jird, Meriones unguiculatus, and the PD4 inbred hamster, Mesocricetus auratus. Carraway JH, et al. **Exp Parasitol** 1985 Feb;59(1):68–73

Brugia malayi: intravenous injection of microfilariae in ferrets as an experimental method for occult filariasis. Thompson JP, et al. **Exp Parasitol** 1985 Oct;60(2):181–94

Experimental alveolar echinococcosis. Suitability of a murine model of intrahepatic infection by Echinococcus multilocularis for immunological studies. Liance M, et al. **Experientia** 1984 Dec 15;40(12):1436–9

Anticonvulsant drugs and the genetically epilepsy–prone rat. Dailey JW, et al. **Fed Proc** 1985 Jul;44(10):2640–4

Development of an animal model for quantitatively evaluating effects of drugs on endometriosis. Hahn DW, et al. **Fertil Steril** 1985 Sep;44(3):410–5

Chronic kidney disease and organic chemical exposures: evaluations of causal relationships in humans and experimental animals. Kluwe WM, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):889–901 (58 ref.)

Design of animal carcinogenicity studies for goodness–of–fit of multistage models. Portier CJ, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):949–59

Protective effects of 'cerebroactive drugs' in a model of acute hypoxia. Grau M, et al. **Gen Pharmacol** 1985;16(1):37–41

Indigenous intravaginal pentatrichmonads vitiate the usefulness of squirrel monkeys (Saimiri sciureus) as models for trichomoniasis in men [letter] Hollander DH, et al. **Genitourin Med** 1985 Jun;61(3):212

Canine ceroid lipofuscinosis, a model for ageing of the human isocortex. Braak H, et al. **Gerontology** 1984;30(4):215–7

Enteropathogenic Escherichia coli enteritis: evaluation of the gnotobiotic piglet as a model of human infection. Tzipori S, et al. **Gut** 1985 Jun;26(6):570–8

Animal models of calcium cholelithiasis. Hofmann AF. **Hepatology** 1984 Sep–Oct;4(5 Suppl):209S–211S

Animal models of cholesterol gallstone disease. Holzbach RT. **Hepatology** 1984 Sep–Oct;4(5 Suppl):191S–198S

Streptozotocin diabetes in juvenile pigs. Evaluation of an experimental model. Gäbel H, et al. **Horm Metab Res** 1985 Jun;17(6):275–80

A potential model for a human disease: spontaneous cardiomyopathy–congestive heart failure in SHR/N–cp rats. Ruben Z, et al. **Hum Pathol** 1984 Oct;15(10):902–3

Mastomys natalensis: a new animal model for Mycobacterium ulcerans research. Singh NB, et al. **Indian J Exp Biol** 1984 Jul;22(7):393–4

Model of experimental chronic osteomyelitis in rats. Rissing JP, et al. **Infect Immun** 1985 Mar;47(3):581–6

Heightened cholinergic responsiveness in IgE–producing rabbits. Halonen M, et al. **Int J Immunopharmacol** 1984; 6(4):351–6

Anti–opiate (naloxone) suppression of Cushingoid degenerative changes in obese/SHR. Wexler BC, et al. **Int J Obes** 1985;9(2):77–91

Longitudinal studies of experimental otitis media with Haemophilus influenzae in the gerbil. Fulghum RS, et al. **Int J Pediatr Otorhinolaryngol** 1985 Jul;9(2):101–14

Development of a rat lung cancer model. Byhardt RW, et al. **Int J Radiat Oncol Biol Phys** 1984 Nov;10(11):2125–30

Experimental models of chronic alcoholism, solid diet versus liquid diet. Zucoloto S, et al. **Int J Vitam Nutr Res** 1984; 54(4):387–91

Herpetic keratitis in inbred mice. Metcalf JF, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1222–5

Haemoglobin solution as an oxygen–carrying resuscitation fluid in haemorrhagic shock. Odling–Smee W, et al. **Ir J Med Sci** 1984 Nov;153(11):385–8

Experimental endometriosis: a microsurgical animal model in rats. Golan A, et al. **Isr J Med Sci** 1984 Nov; 20(11):1094–6

Rabbit ear and comedogenicity [letter] **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):306–9

Failure of a slow channel calcium antagonist, verapamil, to retard atherosclerosis in the Watanabe heritable hyperlipidemic rabbit: an animal model of familial hypercholesterolemia. Tilton GD, et al. **J Am Coll Cardiol** 1985 Jul;6(1):141–4

Animal models in antibacterial drug research. Mattie H. **J Antimicrob Chemother** 1984 Aug;14(2):101–2

Atrophy and growth failure of rat hindlimb muscles in tail–cast suspension. Jaspers SR, et al. **J Appl Physiol** 1984

Nov;57(5):1472-9

Dexamethasone and indomethacin modify endotoxin-induced respiratory failure in pigs. Olson NC, et al. **J Appl Physiol** 1985 Jan;58(1):274-84

A dynamic canine model of experimental hip dysplasia. Gross and histological pathology, and the effect of position of immobilization on capital femoral epiphyseal blood flow. Schoenecker PL, et al. **J Bone Joint Surg [Am]** 1984 Oct; 66(8):1281-8

Studies of Factors V and VIII:C in an animal model of disseminated intravascular coagulation. Giles AR, et al. **J Clin Invest** 1984 Dec;74(6):2219-25

Characterization of a new model of GM2-gangliosidosis (Sandhoff's disease) in Korat cats. Neuwelt EA, et al. **J Clin Invest** 1985 Aug;76(2):482-90

Adaptation of Borna disease virus to the mouse. Kao M, et al. **J Gen Virol** 1984 Oct;65 (Pt 10):1845-9

Anorexia, a recessive mutation causing starvation in preweanling mice. Maltais LJ, et al. **J Hered** 1984 Nov-Dec;75(6):468-72

Deoxycorticosterone acetate hypertension in the sheep. Mitchell J, et al. **J Hypertens** 1984 Oct;2(5):473-8

The function of antigen-presenting cells in mice with severe combined immunodeficiency. Czitrom AA, et al. **J Immunol** 1985 Apr;134(4):2276-80

Spontaneous interstitial nephritis in kdkd mice. I. An experimental model of autoimmune renal disease. Neilson EG, et al. **J Immunol** 1984 Nov;133(5):2560-5

Lymphocyte changes during chronic administration of and withdrawal from corticosteroids: relation to Pneumocystis carinii pneumonia. Walzer PD, et al. **J Immunol** 1984 Nov; 133(5):2502-8

Experimental transmission of the Lyme disease spirochete to rabbits [letter] Berach JL, et al. **J Infect Dis** 1984 Nov; 150(5):786-7

Experimental infection of hamsters with Campylobacter jejuni. Humphrey CD, et al. **J Infect Dis** 1985 Mar; 151(3):485-93

Induction of acute myoclonic encephalopathy in hamsters by subacute sclerosing panencephalitis virus. Sugita T, et al. **J Infect Dis** 1984 Sep;150(3):340-7

Infectious mononucleosis-like response in common marmosets infected with Epstein-Barr virus. Wedderburn N, et al. **J Infect Dis** 1984 Dec;150(6):878-82

Comparative pathology of the canine model of glycogen storage disease type II (Pompe's disease). Walvoort HC, et al. **J Inherited Metab Dis** 1985;8(1):38-46

Histologic changes produced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the skin of mice carrying mutations that affect the integument. Poland A, et al. **J Invest Dermatol** 1984 Dec;83(6):454-9

Notes on the breeding of the WHHL rabbit: an animal model of familial hypercholesterolemia. Phelan JP, et al. **J Lipid Res** 1985 Jun;26(6):776-8

Experimental gastroenteritis in newly-hatched chicks infected with Campylobacter jejuni. Welkos SL. **J Med Microbiol** 1984 Oct;18(2):233-48

Histological changes in the penis of the Chacma baboon--a model to study aging penile vascular impotence. Bornman MS, et al. **J Med Primatol** 1985;14(1):13-8

Standardization of radiorenography in dehydrated and rehydrated primates under laboratory conditions. Dormehl IC, et al. **J Med Primatol** 1983;12(2):68-76

Hepatitis research in chimpanzees: evaluations of clinical laboratory methodologies. Muchmore E, et al. **J Med Primatol** 1983;12(2):65-7

Lipid composition of the peripheral nerves in malnutrition: an experimental study in young rhesus monkeys. Rana SV, et al. **J Med Primatol** 1984;13(4):205-17

Primate animal models and titered inocula for the study of human hepatitis A, hepatitis B, and non-A, non-B hepatitis. Tabor E, et al. **J Med Primatol** 1983;12(6):305-18 (35 ref.)

Hemodynamic and endocrine parameters in the anesthetized cynomolgus monkey: a primate model. Udelsman R, et al. **J Med Primatol** 1984;13(6):327-38

Attenuated Junin virus infection in Callithrix jacchus. Avila MM, et al. **J Med Virol** 1985 Jan;15(1):93-100

An endocrine experimental model for myofibrillar disarray as found in hypertrophic cardiomyopathy. Olsen EG. **J Mol Cell Cardiol** 1985 Jul;17 Suppl 2:35-40 (23 ref.)

Neurochemical characterization of canine alpha-L-iduronidase deficiency disease (model of human mucopolysaccharidosis I). Constantopoulos G, et al. **J Neurochem** 1985 Oct;45(4):1213-7

Lesch-Nyhan syndrome, caffeine model: increase of purine and pyrimidine enzymes in rat brain. Miñana MD, et al. **J Neurochem** 1984 Dec;43(6):1556-60

Experimental amyotrophic lateral sclerosis in the guinea-pig. den Hartog Jager WA. **J Neurol Sci** 1985 Feb;67(2):133-42

Chronic inflammatory polyneuropathy. Reduction of nerve conduction velocities in monkeys by systemic passive transfer of immunoglobulin G. Heininger K, et al. **J Neurol Sci** 1984 Oct;66(1):1-14

A chronically implanted delivery system of drugs to a nerve-end neuroma: effects on a behavioural chronic pain model. Seltzer Z, et al. **J Neurosci Methods** 1985 May; 13(3-4):223-9

Acute response to elastase in sheep lungs measured with Ga-67. Susskind H, et al. **J Nucl Med** 1984 Dec; 25(12):1310-6

A primate model for producing experimental alveolar cleft defects. El-Deeb M, et al. **J Oral Maxillofac Surg** 1985 Jul;43(7):523-7

Transplantation of adult Dirofilaria immitis into Lewis rats: parasitologic and serologic findings. Grieve RB, et al. **J Parasitol** 1985 Jun;71(3):391-2

Trans portal, secondary hepatic alveolar echinococcosis of rats. Ohnishi K. **J Parasitol** 1984 Dec;70(6):987-8

Transplantation of a segment of ileum to the external abdominal wall: an animal model of intestinal mucosal hyperplasia. Senior PV, et al. **J Pathol** 1985 May; 146(1):39-49

Continuous intraperitoneal infusion of pentobarbital: a model of barbiturate dependence in the rat. Yutrzenka GJ, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):111-8

Methods for producing experimental complete atrioventricular block in dogs. Boucher M, et al. **J Pharmacol Methods** 1985 Apr;13(2):95-107 (69 ref.)

An unanesthetized-gerbil model of cerebral ischemia-induced behavioral changes. Chandler MJ, et al. **J Pharmacol Methods** 1985 Sep;14(2):137-46

A timed intravenous pentylenetetrazol infusion seizure model for quantitating the anticonvulsant effect of valproic acid in the rat. Pollack GM, et al. **J Pharmacol Methods** 1985 Apr;13(2):135-46

Psychiatric progress. The learned helplessness model of depression. Telner JI, et al. **J Psychiatr Res** 1984; 18(3):207-15

Histological changes in lungs at high altitude. Usha, et al. **J Sports Med Phys Fitness** 1984 Sep;24(3):225-9

A reliable rat model of the delayed hypersensitivity skin test response. Christou NV, et al. **J Surg Res** 1984 Oct; 37(4):264-8

A model of cyanotic heart disease: functional, pathological, and metabolic sequelae in the immature canine heart. Kohler J, et al. **J Surg Res** 1984 Oct;37(4):309-13

Experimental models in cancer immunotherapy. Ross DS, et al. **J Surg Res** 1984 Nov;37(5):415-30 (138 ref.)

Necrotizing enterocolitis: a review of animal models. Topalian SL, et al. **J Surg Res** 1984 Oct;37(4):320-36 (99 ref.)

Functional and biochemical indicators of pneumoconiosis in mice: comparison with rats. Hatch GE, et al. **J Toxicol Environ Health** 1984;13(4-6):487-97

A genetically determined murine model of infantile polycystic kidney disease. Fry JL Jr, et al. **J Urol** 1985 Oct;134(4):828-33

The growing rabbit with a solitary, partially-obstructed kidney. Analysis of an experimental model with reference to the renal concentrating ability. Kekomäki M, et al. **J Urol** 1985 May;133(5):870-2

A health index to evaluate clinically a beta-hemolytic streptococcal infectious disease model in the horse. Powers JD, et al. **J Vet Pharmacol Ther** 1984 Sep;7(3):213-7

Standardization of an experimental disease model of Streptococcus zooepidemicus in the equine. Varma KJ, et al. **J Vet Pharmacol Ther** 1984 Sep;7(3):183-8

Clinical and pathogenic studies on aged polyuria in the IVCS strain of mouse. Ohba K, et al. **Jikken Dobutsu** 1985 Apr; 34(2):123-30

Preferred animal model in tobacco-inhalation studies [letter] Homburger F, et al. **JNCI** 1985 Aug;75(2):393

Arginine deficiency, hyperammonemia and Reye's syndrome in ferrets. Deshmukh DR, et al. **Lab Anim Sci** 1985 Jun; 35(3):242-5

Behavior and neurobehavioral teratology using the ferret. Rabe A, et al. **Lab Anim Sci** 1985 Jun;35(3):256-67 (139 ref.)

The ferret as a model for inner ear research. Rarey KE. **Lab Anim Sci** 1985 Jun;35(3):238-41

Measles virus encephalitis in ferrets as a model for subacute sclerosing panencephalitis. Thormar H, et al. **Lab Anim Sci** 1985 Jun;35(3):229-32

A new model of cerebral arteriosclerosis induced by intimal injury using a silicone rubber cylinder in rabbits. Masuda J, et al. **Lab Invest** 1984 Oct;51(4):475-84

Infection of chimpanzees with lymphadenopathy-associated virus [letter] Francis DP, et al. **Lancet** 1984 Dec 1; 2(8414):1276-7

Ultrastructural and pharmacologic studies on laser-induced glaucoma in primates and rabbits. March WF, et al. **Lasers Surg Med** 1984;4(4):329-35

Effects of methylphenidate on whirler mice: an animal model for hyperkinesis. Sackler AM, et al. **Life Sci** 1985 Aug 5; 37(5):425-31

Mechanisms of methacholine-induced coronary vasospasm in an experimental model of variant angina in the anesthetized rat. Vergona RA, et al. **Life Sci** 1984 Oct 29; 35(18):1877-84

Animal models of multiple sclerosis [editorial] Fleming JO. **Mayo Clin Proc** 1985 Jul;60(7):490-2

An animal model of myopia. Raviola E, et al. **N Engl J Med** 1985 Jun 20;312(25):1609-15

Workshop: Physiological and biochemical characteristics of animal models of nutritional dependent diseases. 30 November-2 December 1983, Bad Saarow, GDR. **Nahrung** 1985;29(6):547-627

Animal experimentation. Alternatives neglected [news] Budiansky S. **Nature** 1985 May 2-8;315(6014):9

Animal models of infantile amnesia, benign senescent forgetfulness, and senile dementia. Campbell BA, et al. **Neurobehav Toxicol Teratol** 1984 Nov-Dec;6(6):467-71

Neurobehavioral evaluation of function following experimental nerve damage. de Medinaceli L, et al. **Neurobehav Toxicol Teratol** 1984 Nov-Dec;6(6):415-7

Exploratory studies of a rodent model for inhalant abuse. Gause EM, et al. **Neurobehav Toxicol Teratol** 1985 Mar-Apr;7(2):143-8

Effect of bilateral olfactory bulbectomy in the rat, alone or in combination with antidepressants, on the learned immobility model of depression. Górka Z, et al. **Neuropsychobiology** 1985;13(1-2):26-30

Animal models for the study of anti-anxiety agents: a review. Treit D. **Neurosci Biobehav Rev** 1985 Summer;9(2):203-22

Pathogenesis of hypoxic-ischemic brain injury in a perinatal rodent model. Silverstein F, et al. **Neurosci Lett** 1984 Aug 31;49(3):271-7

The formalin test: a tonic pain model in the primate. Alreja M, et al. **Pain** 1984 Sep;20(1):97-105

Plasmodium brasilianum in the common marmoset Callithrix jacchus. Wedderburn N, et al. **Parasitology** 1985 Jun;90 (Pt 3):573-8

An in vitro animal model for the study of cereal components toxic in celiac disease. Auricchio S, et al. **Pediatr Res** 1984 Dec;18(12):1372-8

Ventricular dysrhythmias after congenital heart surgery: a canine model. Garson A Jr. **Pediatr Res** 1984 Nov; 18(11):1112-20

Ultrasound detection and quantitation of left to right aortopulmonary shunt flow in a canine model. Henry GW, et al. **Pediatr Res** 1985 Apr;19(4):349-54

Efficacy of orally administered immune serum globulin against type III group B streptococcal colonization and systemic disease in an infant rat model. Kim KS, et al. **Pediatr Res** 1984 Dec;18(12):1329-31

The preterm rabbit: a model for the study of acute and chronic effects of premature birth. Lorenzo AV. **Pediatr Res** 1985 Feb;19(2):201-5

Effects of psychotropic drugs on discrimination conditioning in olfactory bulbectomized rats. Gomita Y, et al. **Pharmacol Biochem Behav** 1985 May;22(5):717-22

Experimental contact photoallergenicity: guinea pig models. Maurer T. **Photodermatol** 1984 Oct;1(5):221-31 (48 ref.)

Miniature swine as an animal model in photodermatology: factors influencing sunburn cell formation. Sambuco CP. **Photodermatol** 1985 Jun;2(3):144-50

The mouse in biomedical research. Jonas AM. **Physiologist** 1984 Oct;27(5):330-46

Medical and behavioral benefits from primate research. King FA, et al. **Physiologist** 1985 Apr;28(2):75-87

8th congress of the Polish Pharmacological Society. Symposium II: Pharmacological implications for animal models of mental disorders. **Pol J Pharmacol Pharm** 1984 Sep-Oct;36(5):493-569

The validation of animal tests of anxiety--pharmacological implications. File SE. **Pol J Pharmacol Pharm** 1984 Sep-Oct;36(5):505-12

The olfactory bulbectomized rat as a model of depression. Leonard BE. **Pol J Pharmacol Pharm** 1984 Sep-Oct; 36(5):561-9 (30 ref.)

A search for a model of experimental atherosclerosis: comparative studies in rabbits, guinea pigs and rats. Wójcicki J, et al. **Pol J Pharmacol Pharm** 1985 Jan-Feb; 37(1):11-21

A chick model for impaired renal function. Harvey RB, et al. **Poult Sci** 1984 Oct;63(10):1920-4

Toward an analogue of alcoholism in mice: criteria for recognition of pharmacologically motivated drinking. Dole VP, et al. **Proc Natl Acad Sci USA** 1985 May; 82(10):3469-71

The marmoset as a model of ulcerative colitis and colon cancer. Clapp NK, et al. **Prog Clin Biol Res** 1985; 186:247-61

Theiler's virus infection: a model for multiple sclerosis. Friedmann A, et al. **Prog Med Virol** 1985;31:43-83 (132 ref.)

Effects of DOM and DMT in a proposed animal model of hallucinogenic activity. Adams LM, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985; 9(2):121-32

Preliminary report of a new rodent separation model of depression. Crawley JN. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(3):447-57

Learned helplessness and animal models of depression. Maier SF. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(3):435-46 (50 ref.)

Temporal changes in 12-HETE formation in two models of canine myocardial infarction. McCluskey ER, et al. **Prostaglandins** 1985 Mar;29(3):387-403

Animal models and treatment of prostate cancer. Pollard M, et al. **Prostate** 1984;5(6):661-8

Promotional effects of testosterone and dietary fat on prostate carcinogenesis in genetically susceptible rats. Pollard M, et al. **Prostate** 1985;6(1):1-5

Animal models of self-destructive behavior and suicide. Crawley JN, et al. **Psychiatr Clin North Am** 1985 Jun; 8(2):299-310 (67 ref.)

Usefulness of parenteral kainic acid as a model of temporal lobe epilepsy. Tremblay E, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Dec; 14(3):241-6

Animal models of Reye's syndrome. Deshmukh DR. **Rev Infect Dis** 1985 Jan-Feb;7(1):31-40 (96 ref.)

Polyarthritis in MRL lpr/lpr mice. Pataki A, et al. **Rheumatol Int** 1985;5(3):113-20

Vaginal colonization of pig-tailed macaques by Gardnerella vaginalis. Johnson AP, et al.
Scand J Urol Nephrol [Suppl] 1984;86:207–10

The grivet monkey as a model for study of vaginitis. Challenge with anaerobic curved rods and Gardnerella vaginalis. Mårdh PA, et al.
Scand J Urol Nephrol [Suppl] 1984;86:201–5

Transmission of HTLV-III infection from human plasma to chimpanzees: an animal model for AIDS. Alter HJ, et al. **Science** 1984 Nov 2;226(4674):549–52

Induction of AIDS-like disease in macaque monkeys with T-cell tropic retrovirus STLV-III. Letvin NL, et al. **Science** 1985 Oct 4;230(4721):71–3

Experimental leprosy in three species of monkeys. Wolf RH, et al. **Science** 1985 Feb 1;227(4686):529–31

A modified stasis thrombosis model to study the antithrombotic actions of heparin and its fractions. Fareed J, et al. **Semin Thromb Hemost** 1985 Apr;11(2):155–75

Graded focal cerebral ischemia in the rat by unilateral carotid artery occlusion and elevated intracranial pressure: hemodynamic and biochemical characterization. Busto R, et al. **Stroke** 1985 May-Jun;16(3):466–76

Cerebral infarction in rats using homologous blood emboli: development of a new experimental model. Kaneko D, et al. **Stroke** 1985 Jan–Feb;16(1):76–84

Decrease in cerebral blood flow in rats after experimental subarachnoid hemorrhage: a new animal model. Solomon RA, et al. **Stroke** 1985 Jan–Feb;16(1):58–64

Fetal alcohol syndrome in the ferret (Mustela putorius). McLain DE, et al. **Teratology** 1984 Oct;30(2):203–10

Comparative effects of heparin and PK 10169, a low molecular weight fraction, in a canine model of arterial thrombosis. Mestre M, et al. **Thromb Res** 1985 May 15; 38(4):389–99

An animal model for nonimmunologic contact urticaria. Lahti A, et al. **Toxicol Appl Pharmacol** 1984 Nov; 76(2):219–24

Renal dysfunction in animal models of cyclosporine toxicity. Paller MS, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):155–9 (16 ref.)

Experimental models of nephrotoxic acute renal failure. Stein JH, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):72–80 (60 ref.)

Cyclosporine nephrotoxicity: studies in laboratory animals. Sullivan BA, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):145–54 (65 ref.)

Cyclosporine: toxicity, metabolism, and drug interactions—implications from animal studies. Whiting PH, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):134–44 (44 ref.)

Transmission of latent cytomegalovirus in a murine kidney tissue transplantation model. Hamilton JD, et al.
Transplantation 1985 Mar;39(3):290–6

A new model of heterotopic rat heart transplantation with application for in vivo 31P nuclear magnetic resonance spectroscopy. Miller JE, et al. **Transplantation** 1985 May; 39(5):555–8

Anti-GBM nephritis in the mouse: severe proteinuria in the heterologous phase. Assmann KJ, et al.
Virchows Arch [A] 1985;406(3):285–99

Pathophysiology of hemorrhagic shock. A model for studying the effects of acute blood loss in the rat. Sato T, et al. **Virchows Arch [Cell Pathol]** 1985;48(4):361–75

Electrocoagulation as a method to induce local lesions in the tracheal wall of Syrian hamsters. Reuzel PG, et al. **Z Versuchstierkd** 1984;26(5):211–6

Vibrio cholerae infection and acquired immunity in an adult rabbit model. Guinée PA, et al.
Zentralbl Bakteriol Mikrobiol Hyg [A] 1985 Feb; 259(1):118–31

Experimental Treponema hyodysenteriae infection of mice. Suenaga I, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug;257(3):348–56

[Antihypertensive effect of isoteolin in model hypertension] Markov M, et al. **Eksp Med Morfol** 1984;23(3):134–8 (Eng. Abstr.) **(Bul)**

[Effect of blood rheology on the modeling of a right-to-left pulmonary shunt in acute blood loss (experimental studies)] Iordanov I, et al. **Khirurgiia (Sofiia)** 1984;37(5):333–8 **(Bul)**

[Studies on the animal model of Trichomonas vaginalis] A XJ, et al.
Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih 1984;2(4):253–6 (Eng. Abstr.) **(Chi)**

[Animal models used to study the therapeutic effect and mechanism of Chinese herbal drugs in the treatment of psoriasis] Huang T. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jul;4(7):428–9 (Eng. Abstr.) **(Chi)**

[The changes in the cyclic AMP and cyclic GMP systems studied with four types of animal models] Xia ZQ.
Chung Hsi I Chieh Ho Tsa Chih 1984 Sep;4(9):543–5, 515 (Eng. Abstr.) **(Chi)**

[An atherosclerosis model using the Japanese quail] Jing HD. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Sep; 12(3):222–4 **(Chi)**

[Rat model of passive lung anaphylaxis induced by trichosanthin] Wu RS, et al.
Chung Kuo Yao Li Hsueh Pao 1985 Mar;6(1):68–71 (Eng. Abstr.) **(Chi)**

[Substance-induced liver injury as a model for evaluating hepatoprotective drugs] Trčka V, et al. **Cas Lek Cesk** 1985 Feb 8;124(6):161–4 (Eng. Abstr.) **(Cze)**

[Experimental caractogenesis in chick embryos. Intra-amniotic injections of glucocorticoids and mineralocorticoids] Doskočil M, et al. **Cesk Oftalmol** 1985 Mar;41(2):90–4 (Eng. Abstr.) **(Cze)**

[Restatement of an experimental rodent model for the in vitro study of exo-erythrocyte schizonticides] Millet P, et al. **Ann Parasitol Hum Comp** 1985;60(2):211–2 **(Fre)**

[Infrahepatic bile duct proliferation in the gestating rat treated with 4,4'-diaminodiphenylmethane (4,4DDPM)] Bourdelat D, et al. **Bull Assoc Anat (Nancy)** 1983 Dec; 67(199):375–82 (Eng. Abstr.) **(Fre)**

[Experimental choroidal ischemia by vortex embolization in the monkey] Sterkers M, et al.
Bull Mem Soc Fr Ophtalmol 1985;96:466–8 **(Fre)**

[Nasal infection of the domestic cat with feline herpesvirus as an animal model of experimental viral labyrinthitis] Falser N. **Laryngol Rhinol Otol (Stuttg)** 1984 Aug; 63(8):424–7 (Eng. Abstr.) **(Ger)**

[Nuclear medical diagnosis in the treatment of Ilizarov's posttraumatic osteomyelitis] Svešnikov AA, et al.
Radiol Diagn (Berl) 1984;25(5):587–94 (Eng. Abstr.) **(Ger)**

[Effect of antineoplastic agents and ionizing radiation on a human testicular cancer heterograft] Osieka R, et al.
Strahlentherapie 1985 Jan;161(1):35–46 (Eng. Abstr.) **(Ger)**

[Pathogenicity of various species of Candida in an experimental murine system] Perito S, et al.
Boll Soc Ital Biol Sper 1984 Jul 31;60(7):1415–9 (Eng. Abstr.) **(Ita)**

[The present status of animal models for human diseases in Japan (1983)] Miyajima M, et al. **Jikken Dobutsu** 1984 Jul; 33(3):369–97 **(Jpn)**

[Simple technique for coronary occlusion in a closed-chest dog] Akizuki S. **Kokyu To Junkan** 1984 Sep;32(9):921–4 **(Jpn)**

[The relationship between murine lupus nephritis and thymic abnormalities] Tanaka H, et al.
Nippon Jinzo Gakkai Shi 1984 Aug;26(8):1069–77 (Eng. Abstr.) **(Jpn)**

[Experimental tuberculosis in mice] Someya S.
Nippon Saikingaku Zasshi 1984 Jul;39(4):745–8 **(Jpn)**

[Effect of various types of analgesic drugs on an experimental model of chronic inflammatory pain in mice] Okuyama S, et al. **Nippon Yakurigaku Zasshi** 1984 Jun;83(6):513–21 (Eng. Abstr.) **(Jpn)**

[Assessment of morphine-type physical dependence liability in mice using the drug-admixed food method] Suzuki T, et al. **Nippon Yakurigaku Zasshi** 1984 Jul;84(1):19–24 (Eng. Abstr.) **(Jpn)**

[Meningeal gliomatosis: development of experimental models] Yoshida T, et al. **No Shinkei Geka** 1984 Sep; 12(10):1141–8 (Eng. Abstr.) **(Jpn)**

[Comparison of three methods of inducing physical dependence to morphine in rats using short-term medication] Suzuki T, et al. **Yakubutsu Seishin Kodo** 1984 Sep;4(2):149–56 (Eng. Abstr.) **(Jpn)**

[An experimental model of inflammation] Pawlowski K.
Postepy Hig Med Dosw 1983 Sep–Dec;37(5–6):519–35 (93 ref.) **(Pol)**

[Chagas' cardiopathy. Experimental models] Amorim DS.
Arq Bras Cardiol 1984 Apr;42(4):243–7 (Eng. Abstr.) **(Por)**

[Holochilus brasiliensis nanus Thomas, 1897. Suggestion for an experimental model for filariasis, leishmaniasis and schistosomiasis] Bastos O de C, et al.
Rev Inst Med Trop Sao Paulo 1984 Nov–Dec;26(6):307–15 (Eng. Abstr.) **(Por)**

[Adenylate cyclase activity of the gastric mucosa and the morphological changes in the gastrointestinal tract in the experimental reproduction of duodenal ulcers with subsequent truncal vagotomy] Blagovidov DF, et al.
Biull Eksp Biol Med 1985 Aug;100(8):144–7 **(Rus)**

[Comparative study of several preparations in different models of cerebral hypoxia] Ivanova IA, et al.
Biull Eksp Biol Med 1984 Nov;98(11):567–70 (Eng. Abstr.) **(Rus)**

[Formation of nicotine addiction in mongrel white rats] Khodzhagel'diev T. **Biull Eksp Biol Med** 1984 Nov; 98(11):576–8 (Eng. Abstr.) **(Rus)**

[Strains of human gastrointestinal and uterine tumors transplantable into athymic mice and rats] Revazova ES, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):71–3 (Eng. Abstr.) **(Rus)**

[Modeling of myocardial lesions of varying degrees of manifestation] Reznikov KM, et al.
Biull Eksp Biol Med 1985 May;99(5):532–4 (Eng. Abstr.) **(Rus)**

[Interrelation of cardiodynamics and pulmonary gas exchange in an experimental model of the acute respiratory failure syndrome] Rogatskii GG. **Biull Eksp Biol Med** 1984 Sep;98(9):273–5 (Eng. Abstr.) **(Rus)**

[A microsurgical model of cerebral ischemia] Rozvadovskii VD, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):140–2 (Eng. Abstr.) **(Rus)**

[Experimental models of 2-stage carcinogenesis] Turusov VS. **Eksp Onkol** 1985;7(3):5–12 (56 ref.) (Eng. Abstr.) **(Rus)**

[Antifibrillatory activity of anti-arrhythmia agents in maximally high ligation of the coronary artery and its reperfusion in cats] Storozhuk BG. **Farmakol Toksikol** 1985 May–Jun;48(3):47–9 (Eng. Abstr.) **(Rus)**

[Prolonged electrostimulation of the negative emotiogenic areas of the brain as a model of chronic emotional stress] Vedinev FP. **Fiziol Zh SSSR** 1984 Sep;70(9):1280–5 (Eng. Abstr.) **(Rus)**

[Effect of finely-dispersed iron powder on the development of iron deficiency anemia] Ivanenko GF, et al.
Izv Akad Nauk SSSR [Biol] 1985 May-Jun;(3):462–6 (Eng. Abstr.) **(Rus)**

[Modification of a model of ventricular fibrillation by a combination of ligation of the interventricular artery and ultraviolet irradiation of autoblood] Vol'pert EI, et al.
Kardiologiia 1984 Dec;24(12):66–9 (Eng. Abstr.) **(Rus)**

[Device for measured compression of the intestine] Tashbekov FB. **Khirurgiia (Mosk)** 1984 Aug;(8):132–3 **(Rus)**

[Surgical model of acute suppurative peritonitis] Usikov FF, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):127–9 **(Rus)**

[Modeling of acute liver failure] Shalimov SA, et al.
Klin Khir 1984 Sep;(9):54–5 (Eng. Abstr.) **(Rus)**

[Complex dynamic study of experimental papain arthritis] Ternovoi NK, et al. **Ortop Travmatol Protez** 1984 Aug; (8):41–4 (Eng. Abstr.) **(Rus)**

[Laboratory animal infection in modeling intestinal schistosomiasis] Zelia OP. **Parazitologiia** 1984 Sep–Oct; 18(5):368–73 (Eng. Abstr.) **(Rus)**

[Model of acute appendicitis reproduced by using the Shwartzman phenomenon] Fomin AN.
Patol Fiziol Eksp Ter 1985 Jan–Feb;(1):59–61 **(Rus)**

[Pathogenetic aspects of papain-induced pulmonary emphysema in rabbits] Gerovich LM, et al.
Patol Fiziol Eksp Ter 1985 May–Jun;(3):47–9 (Eng. Abstr.) **(Rus)**

[Electrocardiographic changes during the modelling of Lutembacher's syndrome] Kir'iakulov GS, et al.
Patol Fiziol Eksp Ter 1985 May–Jun;(3):38–41 (Eng. Abstr.) **(Rus)**

[Experimental modeling of cystic formations of the jaws] Min'kov SA, et al. **Stomatologiia (Mosk)** 1985 Mar–Apr; 64(2):14–7 (Eng. Abstr.) **(Rus)**

[Chromosome aberrations in F1 (NZBxNZW) mice—an experimental model of systemic lupus erythematosus] Skazkina OIa, et al. **Tsitol Genet** 1984 Nov–Dec;18(6):458–9 (Eng. Abstr.) **(Rus)**

[Modeling of gonococcal and Ureaplasma infections in a McCoy cell culture] Delektorskii VV, et al.
Vestn Dermatol Venerol 1985 Apr;(4):21–5 (Eng. Abstr.) **(Rus)**

[Model of experimental Pixuna infection in white mice] Chizhov NP, et al. **Vopr Virusol** 1985 Mar–Apr;30(2):214–5 (Eng. Abstr.) **(Rus)**

[Physicochemical and biological properties of the agents isolated from a patient with amyotrophic leukospongiosis and monkeys with experimentally reproduced disease] Votiakov VI, et al. **Vopr Virusol** 1985 Jan–Feb;30(1):58–64 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of the pathological process in a model of acute experimental pneumonia in rats caused by Pseudomonas aeruginosa strains of various origin] Tsinzerling VF, et al.
Zh Mikrobiol Epidemiol Immunobiol 1984 Dec;(12):68–72 (Eng. Abstr.) **(Rus)**

[Clinical and experimental amyotrophic leukospongiosis (progressive spinal amyotrophy)] Votiakov VI, et al.
Zh Nevropatol Psikhiatr 1985;85(3):330–3 (Eng. Abstr.) **(Rus)**

[Importance of night monkeys (Aotus) in research on malaria chemotherapy] Rossan RN, et al. **Rev Med Panama** 1984 Sep;9(3):222–5 (Eng. Abstr.) **(Spa)**

CLASSIFICATION

Animal models of obesity: classification and characterization. Sclafani A. **Int J Obes** 1984;8(5):491–508 (131 ref.)

METABOLISM

Kinetics of inflammatory and fibrotic pulmonary changes in a murine model of silicosis. Callis AH, et al.
J Lab Clin Med 1985 May;105(5):547–53

PATHOLOGY

Can pseudomonas infection in experimental animals mimic Kawasaki's disease? Keren G, et al. **J Infect** 1984 Jul; 9(1):22–9

Experimentally induced pemphigus vulgaris in neonatal BALB/c mice: a time-course study of clinical, immunologic, ultrastructural, and cytochemical changes. Takahashi Y, et al. **J Invest Dermatol** 1985 Jan;84(1):41–6

VETERINARY

Development of an experimental animal model for the protection test of Haemophilus pleuropneumoniae vaccine. Kume K, et al. **Nippon Juigaku Zasshi** 1985 Apr; 47(2):269–73

DISEASE OUTBREAKS

see related
SPACE-TIME CLUSTERING

Serotyping of Campylobacter jejuni isolated from sporadic cases and outbreaks in northern Norway. Melby K, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Apr;

93(2):83–6

Cryptosporidiosis outbreak in a day-care center. Taylor JP, et al. **Am J Dis Child** 1985 Oct;139(10):1023–5

Surveillance for the detection of nosocomial infections and the potential for nosocomial outbreaks. I. Microbiology culture surveillance is an effective method of detecting nosocomial infection. Laxson LB, et al. **Am J Infect Control** 1984 Dec;12(6):318–24

Kin groups and trait groups: population structure and epidemic disease selection. Fix AG. **Am J Phys Anthropol** 1984 Oct;65(2):201–12

Self-mutilation and contagion: an empirical test. Walsh BW, et al. **Am J Psychiatry** 1985 Jan;142(1):119–20

Campylobacter enteritis associated with undercooked barbecued chicken. Istre GR, et al. **Am J Public Health** 1984 Nov;74(11):1265–7

An analysis of economic costs associated with an outbreak of typhoid fever. Shandera WX, et al. **Am J Public Health** 1985 Jan;75(1):71–3

Acute hemorrhagic conjunctivitis in Central America: first enterovirus epidemic in the western hemisphere. Asbell PA, et al. **Ann Ophthalmol** 1985 Mar;17(3):205–8, 210

Enteropathogenic Escherichia coli (EPEC) and enterotoxigenic (ETEC) related diarrhoeal disease in a neonatal unit. Adhikari M, et al. **Ann Trop Paediatr** 1985 Mar;5(1):19–22

Heterogeneity among influenza H3N2 isolates recovered during an outbreak. Brief report. López-Galíndez C, et al. **Arch Virol** 1985;85(1–2):139–44

Association of epidemic Kawasaki syndrome with the HLA-A2, B44, Cw5 antigen combination. Kaslow RA, et al. **Arthritis Rheum** 1985 Aug;28(8):938–40

Alcaligenes faecalis rhinotracheitis in Manitoba turkeys. Boycott BR, et al. **Avian Dis** 1984 Oct–Dec;28(4):1110–4

Isolation and experimental chicken-embryo-inoculation studies with budgerigar papovavirus. Lynch J, et al. **Avian Dis** 1984 Oct–Dec;28(4):1135–9

Study of makeshift hospital during cholera outbreak. Faruque AS, et al. **Bangladesh Med Res Counc Bull** 1984 Dec;10(2):45–52

Sexually transmitted diseases: an epidemic in adolescent girls? Forster GE, et al. **Br J Vener Dis** 1984 Dec;60(6):402–5

Ward design and neonatal jaundice in the tropics: report of an epidemic. Barss P, et al. **Br Med J [Clin Res]** 1985 Aug 10;291(6492):400–1

Outbreak of systemic Candida albicans in intensive care unit caused by cross infection. Burnie JP, et al. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):746–8

Epidemic hypochlorhydria. Gledhill T, et al. **Br Med J [Clin Res]** 1985 May 11;290(6479):1383–6

Illness associated with contamination of drinking water supplies with phenol. Jarvis SN, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1800–2

Erythema infectiosum—a Bristol outbreak. Lovell CR. **Bristol Med Chir J** 1985 Apr;100(374):33–5

A waterborne epidemic of acute infectious non-bacterial gastroenteritis in Alberta, Canada. O'Neil AE, et al. **Can J Public Health** 1985 May–Jun;76(3):199–203

Toxic-oil syndrome. Epidemic with an elusive etiology [editorial] Kilbourne EM. **Chest** 1985 Sep;88(3):324–5

A pseudoepidemic of Legionella infections. Ristagno RL, et al. **Chest** 1985 Sep;88(3):466–7

Necrotizing enterocolitis with epidemic Staphylococcus in a neonatal intensive care unit. Liu RX, et al. **Chin Med J [Engl]** 1984 Apr;97(4):278–82

Streptococcus pyogenes as a cause of nosocomial infection in a critical care unit. Lannigan R, et al. **Diagn Microbiol Infect Dis** 1985 Jul;3(4):337–41

Role of bacterial superinfection during an outbreak of acute haemorrhagic conjunctivitis. Ndinya-Achola JO, et al. **East Afr Med J** 1984 Mar;61(3):184–9

Method for selecting optimal cells for enterovirus isolation as determined in an outbreak of echovirus type 33 meningitis. Druyts-Voets E, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):331–4

A nosocomial epidemic of Serratia liquefaciens urinary tract infection after cystometry. Serruys-Schoutens E, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):316–7

Mosquito vectors of Japanese encephalitis epidemic (1983) in Mandya district (India). Mishra AC, et al. **Indian J Med Res** 1984 Oct;80:377–89

Ocular & clinico-epidemiological study of epidemic dropsy. Mohan M, et al. **Indian J Med Res** 1984 Oct;80:449–56

Autotransferable sulphamethoxazole & trimethoprim resistance in Salmonella oranienburg strains isolated during epidemics in Delhi & Bombay. Sharma PL, et al. **Indian J Med Res** 1984 Oct;80:396–401

Salmonella typhimurium epidemic in newborn nursery. Sasidharan CK, et al. **Indian J Pediatr** 1983 Nov–Dec;50(407):599–605

Epidemic outbreak of non-A, non-B hepatitis in a plasmapheresis center. II: Clinical observations and a four-year follow-up of patients. Muss N, et al. **Infection** 1985 Mar–Apr;13(2):61–5

Epidemic outbreak of non-A, non-B hepatitis in a plasmapheresis center. I: Epidemiological observations. Muss N, et al. **Infection** 1985 Mar–Apr;13(2):57–60

Simulation studies of influenza epidemics: assessment of parameter estimation and sensitivity. Longini IM Jr, et al. **Int J Epidemiol** 1984 Dec;13(4):496–501

Methylmercury poisoning in Iraq. An epidemiological study of the 1971–1972 outbreak. Greenwood MR. **J Appl Toxicol** 1985 Jun;5(3):148–59

Kala azar in Himachal Pradesh: a new pocket. Datta U, et al. **J Assoc Physicians India** 1984 Dec;32(12):1072–3

Decreased theophylline clearance causing toxicity in children during viral epidemics. Koren G, et al. **J Asthma** 1985;22(2):75–9

The radiographic features of epidemic and sporadic Q fever pneumonia. Gordon JD, et al. **J Can Assoc Radiol** 1984 Sep;35(3):293–6

An epidemic of bacillary dysentery at Raipur [letter] Aggarwal P, et al. **J Diarrhoeal Dis Res** 1985 Mar;3(1):32

An outbreak of calicivirus associated gastroenteritis in an elderly persons home. A possible zoonosis? Humphrey TJ, et al. **J Hyg (Lond)** 1984 Oct;93(2):293–9

A large outbreak of keratoconjunctivitis due to adenovirus type 8. Richmond S, et al. **J Hyg (Lond)** 1984 Oct;93(2):285–91

Carriage of Neisseria meningitidis and Neisseria lactamica in a school population during an epidemic period in Spain. Saez-Nieto JA, et al. **J Hyg (Lond)** 1985 Jun;94(3):279–88

Concurrent outbreaks of influenza A and influenza B. Spelman DW, et al. **J Hyg (Lond)** 1985 Jun;94(3):331–9

Typhoid fever among Swedish visitors to Kos in 1983. Christenson B, et al. **J Infect** 1985 May;10(3):223–7

Nosocomial infection with hepatitis A. Edgar WM, et al. **J Infect** 1985 Jan;10(1):43–7

Isolation of Campylobacter jejuni from milk during an outbreak of campylobacteriosis [letter] Hudson PJ, et al. **J Infect Dis** 1984 Nov;150(5):789

A multistate outbreak of gastrointestinal illness caused by enterotoxigenic Escherichia coli in imported semisoft cheese. MacDonald KL, et al. **J Infect Dis** 1985 Apr;151(4):716–20

Haemolytic-uraemic syndrome: epidemiology and report of an outbreak. Gully PR. **J R Soc Health** 1984 Dec;104(6):214–7 (41 ref.)

An epidemiological study of the 1978 outbreak of diphtheria in Khartoum Province. Salih MA, et al. **J Trop Pediatr** 1985 Feb;31(1):8–12

Leads from the MMWR. Measles—Puerto Rico. **JAMA** 1985 Apr 26;253(16):2345–6, 2348

Leads from the MMWR. Milk-borne salmonellosis—Illinois. **JAMA** 1985 May 3;253(17):2483

Leads from the MMWR. Pertussis—Washington, 1984. **JAMA** 1985 Aug 2;254(5):600–2

Leads from the MMWR. Listeriosis outbreak associated with Mexican-style cheese—California. **JAMA** 1985 Jul 26;254(4):474

Leads from the MMWR. Drug-resistant tuberculosis among the homeless—Boston. **JAMA** 1985 Aug 9;254(6):735–6

Leads from the MMWR. Pseudo-outbreak of intestinal amebiasis—California. **JAMA** 1985 Apr 5;253(13):1861

Food-borne streptococcal pharyngitis in a hospital pediatrics clinic. Decker MD, et al. **JAMA** 1985 Feb 1;253(5):679–81

Revisiting the Holy Cross football team hepatitis outbreak (1969) by serological analysis. Friedman LS, et al. **JAMA** 1985 Aug 9;254(6):774–6

Nosocomial hepatitis A. A multinursery outbreak in Wisconsin. Klein BS, et al. **JAMA** 1984 Nov 16;252(19):2716–21

Isoniazid-resistant tuberculosis. A community outbreak and report of a rifampin prophylaxis failure. Livengood JR, et al. **JAMA** 1985 May 17;253(19):2847–9

Type A botulism from sauteed onions. Clinical and epidemiologic observations. MacDonald KL, et al. **JAMA** 1985 Mar 1;253(9):1275–8

Epidemiologists strive to maintain confidentiality of some health data [news] Marwick C. **JAMA** 1984 Nov 2;252(17):2377–9, 2383

Posttransfusion hepatitis A in a neonatal intensive care unit. Noble RC, et al. **JAMA** 1984 Nov 16;252(19):2711–5

Airborne transmission of measles in a physician's office. Remington PL, et al. **JAMA** 1985 Mar 15;253(11):1574–7

An outbreak of multiple-drug-resistant Salmonella enteritis from raw milk. Tacket CO, et al. **JAMA** 1985 Apr 12;253(14):2058–60

Pseudomonas dermatitis associated with a swimming pool. Thomas P, et al. **JAMA** 1985 Feb 22;253(8):1156–9

Molecular epidemiology of adenovirus type 8 (Ad 8) in Taiwan: four subtypes recovered during the period of 1980–1981 from patients with epidemic keratoconjunctivitis. Fujii S, et al. **Jpn J Med Sci Biol** 1984 Aug;37(4):161–9

An outbreak of Plasmodium inui malaria in a colony of diabetic rhesus monkeys. Schofield LD, et al. **Lab Anim Sci** 1985 Apr;35(2):167–8

Outbreak of trichinosis due to horse meat in the Paris area [letter] Ancelle T, et al. **Lancet** 1985 Sep 21;2(8456):660

Tuberculosis outbreak among Rastafarians in Birmingham [letter] Campbell IA. **Lancet** 1985 Apr 27;1(8435):986

Paralytic poliomyelitis in Finland [letter] Leinikki PO, et al. **Lancet** 1985 Aug 31;2(8453):507

Tuberculosis outbreak among Rastafarians in Birmingham. Packe GE, et al. **Lancet** 1985 Mar 16;1(8429):627–8

Antibody to human parvovirus in outbreak of erythema infectiosum in Japan [letter] Shiraishi H, et al. **Lancet** 1985 Apr 27;1(8435):982–3

Outbreak of paralytic poliomyelitis [letter] Smith WC. **Lancet** 1985 Jan 19;1(8421):174

Epidemic of aplastic crisis in patients with hereditary spherocytosis in Japan [letter] Tsukada T, et al. **Lancet** 1985 Jun 15;1(8442):1401

Follow-up of an epidemic of non-A, non-B hepatitis [letter] Joshi YK, et al. **Liver** 1984 Oct;4(5):338–9

An outbreak of Bacillus cereus food poisoning in a school hostel, Klang. Rampal L, et al. **Med J Malaysia** 1984 Jun;39(2):116–22

Venezuelan equine encephalomyelitis: report of an outbreak associated with jungle exposure. Sanchez JL, et al. **Milit Med** 1984 Nov;149(11):618–21

Update: milk-borne salmonellosis—Illinois. **MMWR** 1985 Apr 19;34(15):215–6

Preliminary report: epidemic fatal purpuric fever among children—Brazil. **MMWR** 1985 Apr 26;34(16):217–9

Pertussis—Washington, 1984. **MMWR** 1985 Jul 5;34(26):390–4, 399–400

Listeriosis outbreak associated with Mexican-style cheese—California. **MMWR** 1985 Jun 21;34(24):357–9

Drug-resistant tuberculosis among the homeless—Boston. **MMWR** 1985 Jul 19;34(28):429–31

Rubella outbreak among office workers—New York City. **MMWR** 1985 Jul 26;34(29):455–9

Influenza—United States, 1984–1985 season. **MMWR** 1985 Jul 19;34(28):440–4

Dengue fever in U.S. military personnel—Republic of the Philippines. **MMWR** 1985 Aug 16;34(32):495–6, 501–2

Outbreaks of influenza among nursing home residents—Connecticut, United States. **MMWR** 1985 Aug 9;34(31):478–82

Measles—Puerto Rico. **MMWR** 1985 Mar 29;34(12):169–72

Milk-borne salmonellosis—Illinois. **MMWR** 1985 Apr 12;34(14):200

Epidemic meningococcal disease: recommendations for travelers to Nepal. **MMWR** 1985 Mar 8;34(9):119–20, 125

Pseudo-outbreak of intestinal amebiasis—California. **MMWR** 1985 Mar 8;34(9):125–6

Pasteurized milk as a vehicle of infection in an outbreak of listeriosis. Fleming DW, et al. **N Engl J Med** 1985 Feb 14;312(7):404–7

Antigenic analysis of influenza B virus isolated from the epidemic in 1973. Kuno A, et al. **Nagoya J Med Sci** 1985 Jan;47(1–2):1–4

Outbreak of diarrhea linked to dietetic candies—New Hampshire [news] **NC Med J** 1985 Feb;46(2):114

Perinatal listeriosis: report of an outbreak. Evans JR, et al. **Pediatr Infect Dis** 1985 May–Jun;4(3):237–41

Increased risk of illness among nursery staff caring for neonates with necrotizing enterocolitis. Gerber AR, et al. **Pediatr Infect Dis** 1985 May–Jun;4(3):246–9

Endemic Serratia marcescens infection in a neonatal intensive care nursery associated with gastrointestinal colonization. Newport MT, et al. **Pediatr Infect Dis** 1985 Mar–Apr;4(2):160–7

Contagiousness of zoster in a day care setting. Riegle L, et al. **Pediatr Infect Dis** 1985 Jul–Aug;4(4):413

Measles outbreak in a pediatric practice: airborne transmission in an office setting. Bloch AB, et al. **Pediatrics** 1985 Apr;75(4):676–83

Epidemic of gynecomastia among illegal Haitian entrants. Sattin RW, et al. **Public Health Rep** 1984 Sep–Oct;99(5):504–10

Illinois traces cause of Salmonella outbreak [news] Sun M. **Science** 1985 May 24;228(4702):972–3

An outbreak of influenza a in the highlands of Papua New Guinea. Canil KA, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun;15(2):265–9

Isoenzyme characterization of Leishmania isolates from human cases of cutaneous leishmaniasis in Urfa, south-east Turkey [letter] Gramiccia M, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):568

On the epidemiology of yaws in African miners (1942). Hackett CJ. **Trans R Soc Trop Med Hyg** 1984;78(4):536–8

Practical management of rabies and the 1982 outbreak in Zorzor District, Liberia. Monson MH. **Trop Doct** 1985 Apr;15(2):50–4

Sleeping sickness in Busoga, Uganda, 1976–1983. Abaru DE. **Trop Med Parasitol** 1985 Jun;36(2):72–6

Clinical findings of pediatric patients during an outbreak of typhoid fever in Ankara. Kanra G, et al. **Turk J Pediatr** 1985 Jan–Mar;27(1):11–5

Molecular epidemiology of influenza virus: antigenic and biochemical analysis of influenza virus outbreaks in schools. Oxford JS. **Z Gesamte Hyg** 1985 Mar;31(3):146–8

[An etiological study of epidemic diarrhea among adults in Jixi and Harbin, Heilongjiang Province] Xie FY. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug;5(4):206–8 (Eng. Abstr.) (Chi)

[A mathematical model of influenza epidemics] Holáň V, et al. **Cas Lek Cesk** 1985 Jan 25;124(4):114–7 (Eng. Abstr.) (Cze)

[An epidemic of diarrhea caused by enteroinvasive serotypes of Escherichia coli 028 ac (Ca 792)] Sobotková J, et al. **Cesk Epidemiol Mikrobiol Imunol** 1984 Sep;33(5):315 (Cze)

[Generation and evaluation of etiologic hypotheses in epidemiology] Philippe P. **Soc Sci Med** 1985;20(7):681–9 (Eng. Abstr.) (Fre)

[Molecular aspects of influenza epidemiology] Rott R, et al. **Internist (Berlin)** 1985 Feb;26(2):89–93 (Ger)

[Ornithosis immunodiagnosis—immunodiagnostic study of an ornithosis epidemic] Knobloch J, et al. **Off Gesundheitswes** 1985 May;47(5):224–6 (Ger)

[Urban host change cycle of Taenia saginata—an epidemiologic analysis] Engelbrecht H. **Z Gesamte Hyg** 1984 Dec;30(12):680-3 (Eng. Abstr.) (Ger)

[Explanation of epidemic processes caused by Staphylococcus aureus using the clone concept] Rische H, et al. **Z Gesamte Hyg** 1984 Dec;30(12):675-9 (Eng. Abstr.) (Ger)

[Serological and clinical studies on an epidemic of influenza type B] Niwa A. **Nippon Ika Daigaku Zasshi** 1985 Apr;52(2):123-30 (Eng. Abstr.) (Jpn)

[Clinical aspects of enterovirus cerebrospinal meningitis in children treated at the Clinic of Infectious Diseases of Childhood in Wroclaw from June to December 1982 during the Wroclaw epidemic] Prandota-Schoepp A, et al. **Pediatr Pol** 1984 Jul;59(7):569-73 (Eng. Abstr.) (Pol)

[Clinical course of serous meningitis during the 1982 epidemic] Macura T. **Wiad Lek** 1984 Jun 1;37(11):848-52 (Eng. Abstr.) (Pol)

[Problems in the epidemiological prognosis of natural-focus infections] Vereta LA. **Med Parazitol (Mosk)** 1984 Sep-Oct;(5):84-7 (Rus)

[Use of highly sensitive methods of detecting hepatitis B virus markers for studying epidemic foci of hepatitis B] Mukomolov SL, et al. **Vopr Virusol** 1985 Jan-Feb;30(1):71-5 (Eng. Abstr.) (Rus)

[Clinico-epidemiologic characteristics of rotavirus gastroenteritis] Nosatenko AI, et al. **Vrach Delo** 1984 Dec;(12):94-6 (Eng. Abstr.) (Rus)

[Carrier state of pathogenic microorganisms as a phase in the preservation of the causative agent in the period between epidemics] Chakhava OV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):9-16 (87 ref.) (Rus)

[The epidemic process as a system. I. The structure of the epidemic process] Cherkasskii BL. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Mar;(3):45-51 (30 ref.) (Eng. Abstr.) (Rus)

[The moving forces of an epidemic process from the viewpoint of the philosophy of dialectical materialism] Kozlov MP. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):108-13 (20 ref.) (Rus)

[Rise in the epizootic activity of a natural focus of steppe-type tularemia in Stavropol Territory and its epidemic consequences] Nekrasov AA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):88-92 (Eng. Abstr.) (Rus)

[Lessons of natural disasters in Yugoslavia] Birtašević B, et al. **Vojnosanit Pregl** 1984 Sep-Oct;41(5):369-72 (Scr)

[Enteroinvasive Escherichia coli as a cause of an enterocolitis epidemic in soldiers] Cobeljić M, et al. **Vojnosanit Pregl** 1985 Mar-Apr;42(2):88-91 (Eng. Abstr.) (Scr)

[Isolation of Campylobacter fetus subsp. jejuni from feces and transport media during a diarrhea epidemic] Kuboňová K. **Cesk Epidemiol Mikrobiol Imunol** 1985 Feb;34(1):48-53 (Eng. Abstr.) (Slo)

[An epidemic of keratoconjunctivitis at the ophthalmic department in Levoča from October to December 1981] Merkiová G, et al. **Cesk Oftalmol** 1985 Jul;41(4):222-4 (Eng. Abstr.) (Slo)

ETIOLOGY

Volatile nitrites. Use and adverse effects related to the current epidemic of the acquired immune deficiency syndrome. Newell GR, et al. **Am J Med** 1985 May;78(5):811-6 (49 ref.)

HISTORY

Epidemics in Renaissance Florence. Morrison AS, et al. **Am J Public Health** 1985 May;75(5):528-35

Hippocrates never heard of it. The anatomy of a modern epidemic. Johnston FR. **Am Surg** 1985 Jan;51(1):1-7

Plagues and pestilence in Polynesia: the nineteenth-century Cook Islands experience. Lange R. **Bull Hist Med** 1984 Fall;58(3):325-46

Mortality change in America, 1620-1920. Kunitz SJ. **Hum Biol** 1984 Sep;56(3):559-82

The Pied Piper of Hamelin. Guest C. **Lancet** 1984 Dec 22;2(8417-18):1454-5

Smallpox, 'the most dreadful scourge of the human species'. Its global spread and recent eradication (2). Fenner F. **Med J Aust** 1984 Nov 24;141(11):728-35

Smallpox in Australia [letter] Hingston RG. **Med J Aust** 1985 Feb 18;142(4):278

Toxic oil. A salutary tale from modern history. Leavesley J. **Med J Aust** 1984 Aug 18;141(4):239-41

Diphtheria and theories of infectious disease: centennial appreciation of the critical role of diphtheria in the history of medicine. English PC. **Pediatrics** 1985 Jul;76(1):1-9

Sweating sickness: a glimpse behind the shroud of history. McSherry JA. **Practitioner** 1985 May;229(1403):398, 401

Fighting smallpox on the Texas border: an episode from PHS's proud past. Michael JM, et al. **Public Health Rep** 1984 Nov-Dec;99(6):579-82

Immunity as a factor in the epidemiology of medieval plague. Ell SR. **Rev Infect Dis** 1984 Nov-Dec;6(6):866-79

The social construction of the patient: patients and illnesses in other ages. Herzlich C, et al. **Soc Sci Med** 1985;20(2):145-51

[History of the changes in infectious diseases] Pulverer G. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb;180(2-3):97-106 (Eng. Abstr.) (Ger)

[Epidemics and the population in the Kingdom of Poland 1815-1870] Jastrzebowski Z. **Arch Hist Med (Warsz)** 1984;47(3):355-73 (Eng. Abstr.) (Pol)

[Cholera epidemic in the Kingdom of Poland in the 1860s] Jastrzebowski Z. **Wiad Lek** 1984 Oct 15;37(20):1657-62 (Eng. Abstr.) (Pol)

[Forms and methods of epidemic control work during the war years and their importance under today's conditions] Agafonov VI. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May;(5):9-12 (Rus)

[L. V. Gromashevskii's theory of the epidemic process and the development of this theory today] Beliakov VD. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Jul;(7):115-8 (Rus)

[Epidemic control support for the troops in World War II] Smirnov EI. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May;(5):3-9 (Rus)

[Cholera] Djurišić M. **Glas Srp Akad Nauka [Med]** 1981;(33):57-72 (Scc)

IMMUNOLOGY

Subclinical rubella in pregnancy—occurrence and outcome. Fogel A, et al. **Isr J Med Sci** 1985 Feb;21(2):133-8

MICROBIOLOGY

Variation of Neisseria gonorrhoeae protein II among isolates from an outbreak caused by a single gonococcal strain. Schwalbe RS, et al. **Infect Immun** 1985 Jul;49(1):250-2

Comparative electrophoretic study of polypeptides of influenza A/H3N2 viruses isolated in circumscribed geographical areas. Donatelli I, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):637-41

An outbreak of gastroenteritis due to Escherichia coli 0142 H6 in a neonatal department. Gerards LJ, et al. **J Hosp Infect** 1984 Sep;5(3):283-8

MORTALITY

Effect of influenza epidemics on Australian mortality. Scragg R. **Med J Aust** 1985 Jan 21;142(2):98-102

OCCURRENCE

An outbreak of Morel's disease (a contagious sheep disease accompanied by abscess formation) in Hungary. Bajmócy E, et al. **Acta Vet Hung** 1984;32(1-2):9-13

An outbreak of respiratory syncytial virus infection in a continuing-care geriatric ward. Mandal SK, et al. **Age Ageing** 1985 May;14(3):184-6

The role of host factors in an outbreak of necrotizing enterocolitis. Gaynes RP, et al. **Am J Dis Child** 1984 Dec;138(12):1118-20

An outbreak of Norwalk-related gastroenteritis at a boys' camp. Jenkins S, et al. **Am J Dis Child** 1985 Aug;139(8):787-9

Kawasaki syndrome. A case-control study during an outbreak in Maryland. Lin FY, et al. **Am J Dis Child** 1985 Mar;139(3):277-9

Kawasaki syndrome. Is exposure to rug shampoo important? Rogers MF, et al. **Am J Dis Child** 1985 Aug;139(8):777-9

Emergency department presentation of type A botulism. Ruthman JC, et al. **Am J Emerg Med** 1985 May;3(3):203-5

Campylobacter enteritis associated with foodborne transmission: new serotyping data [letter] Blaser MJ, et al. **Am J Epidemiol** 1985 Apr;121(4):625-6

Infective dose of Salmonella typhimurium in cheddar cheese. D'Aoust JY. **Am J Epidemiol** 1985 Oct;122(4):717-20

Foodborne outbreaks of campylobacteriosis: the United States experience, 1980-1982. Finch MJ, et al. **Am J Epidemiol** 1985 Aug;122(2):262-8

Person-to-person transmission in an outbreak of enteroinvasive Escherichia coli. Harris JR, et al. **Am J Epidemiol** 1985 Aug;122(2):245-52

Case-control study of risk factors associated with isolation of Salmonella saintpaul in hospitalized horses. Hird DW, et al. **Am J Epidemiol** 1984 Dec;120(6):852-64

A common-source epidemic of mixed bacterial diarrhea with secondary transmission. Kapadia CR, et al. **Am J Epidemiol** 1984 Nov;120(5):743-9

Clinical mumps vaccine efficacy. Kim-Farley R, et al. **Am J Epidemiol** 1985 Apr;121(4):593-7

Frequency of illness associated with epidemic hepatitis A virus infections in adults. Lednar WM, et al. **Am J Epidemiol** 1985 Aug;122(2):226-33

Norwalk virus gastroenteritis. An outbreak associated with a cafeteria at a college. Lieb S, et al. **Am J Epidemiol** 1985 Feb;121(2):259-68

Acute hemorrhagic conjunctivitis, Key West, Florida. An assessment of risk factors for introduction of illness into households and secondary spread during the 1981 epidemic. Malison MD, et al. **Am J Epidemiol** 1984 Nov;120(5):717-26

Foodborne streptococcal pharyngitis Kansas City, Missouri. Martin TA, et al. **Am J Epidemiol** 1985 Oct;122(4):706-9

Tecumseh study of illness. XIII. Influenza infection and disease, 1976-1981. Monto AS, et al. **Am J Epidemiol** 1985 Jun;121(6):811-22

An outbreak of histoplasmosis in a prison. Morse DL, et al. **Am J Epidemiol** 1985 Aug;122(2):253-61

Case-control study of waterborne giardiasis in Reno, Nevada. Navin TR, et al. **Am J Epidemiol** 1985 Aug;122(2):269-75

Acute respiratory disease hospitalizations as a measure of impact of epidemic influenza. Perrotta DM, et al. **Am J Epidemiol** 1985 Sep;122(3):468-76

Pontiac fever associated with a whirlpool spa. Spitalny KC, et al. **Am J Epidemiol** 1984 Dec;120(6):809-17

An outbreak of Yersinia enterocolitica infections caused by contaminated tofu (soybean curd). Tacket CO, et al. **Am J Epidemiol** 1985 May;121(5):705-11

Continuing measles transmission in students despite school-based outbreak control program. Wassilak SG, et al. **Am J Epidemiol** 1985 Aug;122(2):208-17

Pseudouremic pruritus: a scabies epidemic in a dialysis unit. Lempert KD, et al. **Am J Kidney Dis** 1985 Feb;5(2):117-9

An epidemic of 'childbed fever'. McGregor J, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):385-8

A waterborne outbreak of hepatitis A in Meade County, Kentucky. Bergeisen GH, et al. **Am J Public Health** 1985 Feb;75(2):161-4

Waterborne disease in Colorado: three years' surveillance and 18 outbreaks. Hopkins RS, et al. **Am J Public Health** 1985 Mar;75(3):254-7

An outbreak of foodborne hepatitis A showing a relationship between dose and incubation period. Istre GR, et al. **Am J Public Health** 1985 Mar;75(3):280-1

Imported measles outbreak in a university. Narain JP, et al. **Am J Public Health** 1985 Apr;75(4):397-8

Epidemiology of a tuberculosis outbreak in a South Carolina junior high school. Sacks JJ, et al. **Am J Public Health** 1985 Apr;75(4):361-5

Therapeutic abortions following rubella infection in pregnancy: the potential impact on the incidence of congenital rubella syndrome. Serdula MK, et al. **Am J Public Health** 1984 Nov;74(11):1249-51

Two successive outbreaks of Clostridium perfringens at a state correctional institution. Tavris DR, et al. **Am J Public Health** 1985 Mar;75(3):287-8

Epidemic Shiga bacillus dysentery in Central Africa. Ebright JR, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1192-7

Ockelbo disease in Sweden: epidemiological, clinical, and virological data from the 1982 outbreak. Espmark A, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1203-11

Acute hemorrhagic conjunctivitis caused by enterovirus type 70: an epidemic in American Samoa. Onorato IM, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):984-91

Epidemiological aspects of a poliomyelitis outbreak in Taiwan, 1982. Chen CJ, et al. **Ann Acad Med Singapore** 1984 Apr;13(2):149-55

The epidemiological approach to cadmium pollution in Japan. Shigematsu I. **Ann Acad Med Singapore** 1984 Apr;13(2):231-6

Cholera in Gaza strip. Shubair ME, et al. **Ann Soc Belg Med Trop** 1984 Jun;64(2):199-200

Recreationally associated Pseudomonas aeruginosa folliculitis. Report of an epidemic. Fox AB, et al. **Arch Dermatol** 1984 Oct;120(10):1304-7

A 1949 outbreak of Pontiac fever-like illness in steam condenser cleaners. Armstrong CW, et al. **Arch Environ Health** 1985 Jan-Feb;40(1):26-9

Epidemic outbreak of acute lead poisoning [letter] Carton JA, et al. **Arch Intern Med** 1985 Jul;145(7):1334-5

Outbreak of itching and rash. Epidemic hysteria in an elementary school. Robinson P, et al. **Arch Intern Med** 1984 Oct;144(10):1959-62

Food poisoning as an in-flight safety hazard. Beers KN, et al. **Aviat Space Environ Med** 1985 Jun;56(6):594-7

Occupational asthma in a steel coating plant. Venables KM, et al. **Br J Ind Med** 1985 Aug;42(8):517-24

Destructive epidemic Neisseria gonorrheae keratoconjunctivitis in African adults. Schwab L, et al. **Br J Ophthalmol** 1985 Jul;69(7):525-8

Food poisoning and salmonella surveillance in England and Wales: 1983. **Br Med J [Clin Res]** 1985 Aug 10;291(6492):394-6

CDSC report. Outbreak of poliomyelitis in Finland. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):41-2

Pasteurisation and the control of milkborne infection in Britain. Sharp JC, et al. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):463-4

Outbreak of septicaemia due to contaminated mouthwash. Stephenson JR, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1584

Investigation of a measles outbreak in Brazil's Federal District. **Bull Pan Am Health Organ** 1984;18(4):397-400

A study of fatal hemorrhagic dengue cases in Cuba, 1981. Guzmán MG, et al. **Bull Pan Am Health Organ** 1984;18(3):213-20

A continuing focus of yellow fever in the Apurimac River Valley, Ayacucho, Peru, and the first isolation of yellow fever virus in that country. Méndez MR, et al. **Bull Pan Am Health Organ** 1984;18(2):172-9

Yellow fever in Ghana, 1977-80. Agadzi VK, et al. **Bull WHO** 1984;62(4):577-83

Two epizootics of lymphocytic choriomeningitis virus occurring in laboratory mice despite intensive monitoring programs. Smith AL, et al. **Can J Comp Med** 1984 Jul;48(3):335-7

An Indian community with a high suicide rate—5 years after. Fox J, et al. **Can J Psychiatry** 1984 Aug;29(5):425-7

A summer-camp outbreak of beta hemolytic streptococcal tonsillitis. Koren G, et al. **Can J Public Health** 1985 Jan-Feb;76(1):63-4

Outbreak of rotavirus gastroenteritis in a James Bay Cree community. Robinson EJ, et al. **Can J Public Health** 1985 Jan-Feb;76(1):21-4

Outbreak of diarrhea in a day nursery in Ontario. **Can Med Assoc J** 1985 May 15;132(10):1171–2

An epidemic of shigellosis in a day-care centre in Quebec. **Can Med Assoc J** 1985 Feb 15;132(4):399–400

Outbreak of pertussis in a small community [letter] Malhotra KK, et al. **Can Med Assoc J** 1985 Apr 15;132(8):902

Salmonella Heidelberg enteritis—an outbreak in the neonatal unit Harare Central Hospital. Bannerman CH. **Cent Afr J Med** 1985 Jan;31(1):1–4

Etiology of summer infant gastroenteritis. Liu JC, et al. **Chin Med J [Engl]** 1984 Jun;97(6):399–404

Antigenic variation of influenza A (H3N2) virus in relation to influenza epidemics in Shanghai (1968–1977). Shen FZ, et al. **Chin Med J [Engl]** 1985 Feb;98(2):83–8

Influenza surveillance in Shanghai. Shen FZ, et al. **Chin Med J [Engl]** 1984 May;97(5):339–44

Hemolytic anemia following postnatally acquired rubella during the 1975–1977 rubella epidemic in Japan. Ueda K, et al. **Clin Pediatr (Phila)** 1985 Mar;24(3):155–7

Clinical and laboratory features of an outbreak of Vibrio cholerae O1 infections in the United States. Martin DL, et al. **Diagn Microbiol Infect Dis** 1985 Mar;3(2):159–65

Temporal-spatial-social parameters in the spread of contagious disease. Angulo JJ, et al. **Ecol Dis** 1983;2(4):369–76

Influenza-like illness: a monitoring system. Knox JD, et al. **Ecol Dis** 1982;1(1):87–91

Discovery and epidemiology of PCB poisoning in Taiwan: a four-year followup. Hsu ST, et al. **Environ Health Perspect** 1985 Feb;59:5–10

Epidemic bacterial meningitis in Wello, northern Ethiopia, 1983. Agzew Y. **Ethiop Med J** 1985 Jul;23(3):103–6

Outbreak of haemorrhagic fever with renal syndrome in Greece. Siamopoulos K, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):132–4

An epidemic of hepatitis A related to ingestion of raw oysters. Fujiyama S, et al. **Gastroenterol Jpn** 1985 Feb;20(1):6–13

Physician surveillance and the AIDS crisis [editorial] Fisher DW. **Hosp Pract [Off]** 1985 Sep 15;20(9):8

Outbreak of malaria in villages of Bareilly, District U.P. Ansari MA, et al. **Indian J Malariol** 1984 Dec;21(2):121–3

Hepatitis A epidemic in Kerala state (India) in 1980. Joshi YK, et al. **Indian J Med Res** 1985 Jan;81:96–101

Epidemic dropsy in Delhi. Mohan M, et al. **Indian Pediatr** 1984 Mar;21(3):241–7

Epidemic keratoconjunctivitis: report of an outbreak in an ophthalmology practice and recommendations for prevention. Buchler JW, et al. **Infect Control** 1984 Aug;5(8):390–4

Postoperative infections following cardiac surgery: association with an environmental reservoir in a cardiothoracic intensive care unit. Dandalides PC, et al. **Infect Control** 1984 Aug;5(8):378–84

Postoperative wound infections following cardiac surgery: significance of contaminated cases performed in the preceding 48 hours. deSilva MI, et al. **Infect Control** 1984 Aug;5(8):371–7

A nursery outbreak of multiple-aminoglycoside-resistant Escherichia coli. Gaynes RP, et al. **Infect Control** 1984 Nov;5(11):519–24

Nosocomial mycobacterial pseudoinfection in a Georgia hospital. Goodman RA, et al. **Infect Control** 1984 Dec;5(12):573–6

How frequent are outbreaks of nosocomial infection in community hospitals? Haley RW, et al. **Infect Control** 1985 Jun;6(6):233–6

The epidemiology of nosocomial infections caused by Klebsiella pneumoniae. Jarvis WR, et al. **Infect Control** 1985 Feb;6(2):68–74 (43 ref.)

A comparison of pneumonia caused by gentamicin, methicillin-resistant and gentamicin, methicillin-sensitive Staphylococcus aureus: epidemiologic and clinical studies. Lentino JR, et al. **Infect Control** 1985 Jul;6(7):267–72

Rotavirus infection in normal nursery: epidemic and surveillance. Srinivasan G, et al. **Infect Control** 1984 Oct;5(10):478–81

Transmission of non O group 1 Vibrio cholerae by raw oyster consumption. Piergentili P, et al. **Int J Epidemiol** 1984 Sep;13(3):340–3

A measles outbreak in the Israel Defense Forces during the 1982 epidemic. Matzkin H, et al. **Isr J Med Sci** 1985 Apr;21(4):351–5

An epidemic of scabies with unusual features and treatment resistance in a nursing home. Moberg SA, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):242–4

Streptococcus faecium outbreak in a neonatal intensive care unit. Coudron PE, et al. **J Clin Microbiol** 1984 Dec;20(6):1044–8

Outbreak of Salmonella typhimurium gastroenteritis due to an imported strain resistant to ampicillin, chloramphenicol, and trimethoprim-sulfamethoxazole in a nursery. Lamb VA, et al. **J Clin Microbiol** 1984 Dec;20(6):1076–9

Outbreak of nosocomial urinary tract infections caused by Serratia marcescens. Okuda T, et al. **J Clin Microbiol** 1984 Oct;20(4):691–5

A focal outbreak of malaria in Valsad district, Gujarat State. Baukapur SN, et al. **J Commun Dis** 1984 Dec;16(4):268–72

Outbreak of Japanese encephalitis in Manipur during 1982—some epidemiological features. Chakraborty AK, et al. **J Commun Dis** 1984 Sep;16(3):227–33

Poliomyelitis in Alleppey town, Kerala. Chakraborty S, et al. **J Commun Dis** 1984 Dec;16(4):328–9

An epidemiological investigation of measles outbreak in Alwar—Rajasthan. Sharma RS, et al. **J Commun Dis** 1984 Dec;16(4):299–303

Simultaneous classical and El Tor cholera in Bangladesh. Khan MU, et al. **J Diarrhoeal Dis Res** 1984 Mar;2(1):13–8

Epidemic dysentery caused by the Shiga bacillus in a southern Indian village. Mathan VI, et al. **J Diarrhoeal Dis Res** 1984 Mar;2(1):27–32

A bacillary dysentery epidemic in Dar es Salaam, Tanzania. Mhalu FS, et al. **J Diarrhoeal Dis Res** 1984 Dec;2(4):217–22

Classical vs El Tor cholera: a prospective family study of a concurrent outbreak. Shahid NS, et al. **J Diarrhoeal Dis Res** 1984 Jun;2(2):73–8

A report of a fulminating presence of rotaviral enteritis. Ye XL, et al. **J Diarrhoeal Dis Res** 1984 Sep;2(3):173

Delayed-impact infectious disease after a natural disaster. Bissell RA. **J Emerg Med** 1983;1(1):59–66

Simultaneous outbreaks of infection due to Serratia marcescens in a general hospital. Coleman D, et al. **J Hosp Infect** 1984 Sep;5(3):270–82

The investigation of salmonella outbreaks in hospitals. Cruickshank JG. **J Hosp Infect** 1984 Sep;5(3):241–3

Analysis of an outbreak of staphylococcal scalded skin syndrome: strategies for typing 'non-typable' strains. Dowsett EG, et al. **J Hosp Infect** 1984 Dec;5(4):391–7

Epidemic spread of Acinetobacter calcoaceticus in a neurosurgical department analyzed by electronic data processing. Gerner-Smidt P, et al. **J Hosp Infect** 1985 Jun;6(2):166–74

Pseudo-outbreak of Bacillus species: related to fibreoptic bronchoscopy. Goldstein B, et al. **J Hosp Infect** 1985 Jun;6(2):194–200

Aeromonas hydrophila: an outbreak of hospital infection. Mellersh AR, et al. **J Hosp Infect** 1984 Dec;5(4):425–30

Klebsiella infection in a neonatal intensive care unit: role of bacteriological surveillance. Morgan ME, et al. **J Hosp Infect** 1984 Dec;5(4):377–85

An 'outbreak' of pulmonary pseudoinfection by Serratia marcescens. Siegman-Igra Y, et al. **J Hosp Infect** 1985 Jun;6(2):218–20

To shigellosis epidemicity in East-Slovakian region. Kováčová D, et al. **J Hyg Epidemiol Microbiol Immunol** 1985;29(1):59–68

Investigation of an outbreak of adenovirus type 3 infection in a boys' boarding school. Payne SB, et al. **J Hyg (Lond)** 1984 Oct;93(2):277–83

A profile of skin sepsis in meat handlers. Barnham M, et al. **J Infect** 1984 Jul;9(1):43–50

A comparison of biotypes and serotypes of Campylobacter sp. isolated from patients with enteritis and from animal and environmental sources. Jones DM, et al. **J Infect** 1984 Jul;9(1):51–8

An outbreak of respiratory syncytial virus pneumonia in a nursing home for the elderly. Sorvillo FJ, et al. **J Infect** 1984 Nov;9(3):252–6

Hantaan virus. Sutton RN. **J Infect** 1985 Mar;10(2):93–5 (25 ref.)

An outbreak of chancroid in Orange County, California: descriptive epidemiology and disease-control measures. Blackmore CA, et al. **J Infect Dis** 1985 May;151(5):840–4

Parainfluenza virus type 3: seasonality and risk of infection and reinfection in young children. Glezen WP, et al. **J Infect Dis** 1984 Dec;150(6):851–7

An outbreak of antibiotic-resistant Salmonella enteritidis in Liberia, West Africa. Hadfield TL, et al. **J Infect Dis** 1985 May;151(5):790–5

An outbreak of mouth ulcers in an institution for mentally retarded persons. Onorato IM, et al. **J Infect Dis** 1984 Dec;150(6):957–9

An epidemic of mild pneumonia due to an unusual strain of Chlamydia psittaci. Saikku P, et al. **J Infect Dis** 1985 May;151(5):832–9

Epidemic outbreaks of acute pyelonephritis caused by nosocomial spread of P fimbriated Escherichia coli in children. Tullus K, et al. **J Infect Dis** 1984 Nov;150(5):728–36

Epidemic non-A, non-B viral hepatitis in Algeria: strong evidence for its spreading by water. Belabbes EH, et al. **J Med Virol** 1985 Jul;16(3):257–63

An epidemic of influenza in the population of Niue. Taylor R, et al. **J Med Virol** 1985 Jun;16(2):127–36

Psittacosis. A diagnostic challenge. Kuritsky JN, et al. **J Occup Med** 1984 Oct;26(10):731–3

An epidemic of precocious development in Puerto Rican children. Sáenz de Rodríguez CA, et al. **J Pediatr** 1985 Sep;107(3):393–6

Fifth disease: report of an outbreak. Andrews M, et al. **J R Coll Gen Pract** 1984 Oct;34(267):573–4

Haemorrhagic shock and encephalopathy syndrome: epidemic of a new disease [editorial] David TJ, et al. **J R Soc Med** 1984 Sep;77(9):721–2

Seasonality and period-doubling bifurcations in an epidemic model. Aron JL, et al. **J Theor Biol** 1984 Oct 21;110(4):665–79

Nearly one dimensional dynamics in an epidemic. Schaffer WM, et al. **J Theor Biol** 1985 Jan 21;112(2):403–27

Leads from the MMWR. Rubella in colleges—United States, 1983 to 1984. **JAMA** 1985 May 17;253(19):2820, 2822, 2827

Leads from the MMWR. Legionellosis—Staffordshire, England, and Wayne County, Michigan. **JAMA** 1985 Jul 19;254(3):343–4

Leads from the MMWR. Campylobacter outbreak associated with certified raw milk products—California. **JAMA** 1984 Nov 2;252(17):2386

Leads from the MMWR. Chronic diarrhea associated with raw milk consumption—Minnesota. **JAMA** 1984 Oct 19;252(15):1996

Leads from the MMWR. Human Salmonella isolates—United States, 1983. **JAMA** 1985 Jan 18;253(3):335, 340

Leads from the MMWR. St Louis encephalitis—California. **JAMA** 1984 Dec 21;252(23):3243

Leads from the MMWR. Acute convulsions associated with endrin poisoning—Pakistan. **JAMA** 1985 Jan 18;253(3):334–5

Leads from the MMWR. Update: influenza activity—United States. **JAMA** 1985 Feb 22;253(8):1110

Leads from the MMWR. Phytophotodermatitis among grocery workers. **JAMA** 1985 Feb 8;253(6):753

Leads from the MMWR. Multiple outbreaks of Kawasaki syndrome—United States. **JAMA** 1985 Feb 15;253(7):957–9

Leads from the MMWR. Poliomyelitis—Finland. **JAMA** 1985 Mar 8;253(10):1323–4

Leads from the MMWR. Hepatitis B among dental patients. **JAMA** 1985 Mar 1;253(9):1239–40

Leads from the MMWR. Multiple measles outbreaks on college campuses—Ohio, Massachusetts, Illinois. **JAMA** 1985 Apr 5;253(13):1853, 1857

Leads from the MMWR. Update: influenza activity—worldwide, United States. **JAMA** 1985 Mar 22–29;253(12):1707

Epidemic non-A, non-B hepatitis in Nepal. Recovery of a possible etiologic agent and transmission studies in marmosets. Kane MA, et al. **JAMA** 1984 Dec 14;252(22):3140–5

An outbreak of Pontiac fever related to whirlpool use, Michigan 1982. Mangione EJ, et al. **JAMA** 1985 Jan 25;253(4):535–9

An outbreak of herpes simplex virus type I gingivostomatitis in a dental hygiene practice. Manzella JP, et al. **JAMA** 1984 Oct 19;252(15):2019–22

Acute haemorrhagic conjunctivitis (AHC) epidemic of 1981. Ghafoor A, et al. **JPMA** 1984 Aug;34(8):245–6

Pertussis outbreak in SE Kansas—1983–84. Vichyanond P, et al. **Kans Med** 1985 Feb;86(2):52–4, 62

Studies on epidemics of influenza—relationship between the closure of some or whole classes of the school and the time or rate of inoculation with influenza vaccine. Satsuta K, et al. **Kansenshogaku Zasshi** 1984 Oct;58(10):1025–32

Inquiry into the outbreak of legionnaire's disease. **Lancet** 1985 May 18;1(8438):1169–70

Epidemic spastic paraparesis [editorial] **Lancet** 1984 Oct 20;2(8408):904–5

Epidemic of dysentery in West Bengal: clinicians' enigma [letter] Bose R, et al. **Lancet** 1984 Nov 17;2(8412):1160

Oral 'hairy' leucoplakia in male homosexuals: evidence of association with both papillomavirus and a herpes-group virus. Greenspan D, et al. **Lancet** 1984 Oct 13;2(8407):831–4

Outbreak of paralytic poliomyelitis, Taiwan. Kim-Farley RJ, et al. **Lancet** 1984 Dec 8;2(8415):1322–4

Household outbreak of Q-fever pneumonia related to a parturient cat. Kosatsky T. **Lancet** 1984 Dec 22;2(8417–18):1447–9

Group-A streptococcal infection in the newborn [letter] Lehtonen OP, et al. **Lancet** 1984 Dec 22;2(8417–18):1473–4

Some problems in the prediction of future numbers of cases of the acquired immunodeficiency syndrome in the UK. McEvoy M, et al. **Lancet** 1985 Sep 7;2(8454):541–2

Asthma outbreak during a thunderstorm [letter] Morrow-Brown H, et al. **Lancet** 1985 Sep 7;2(8454):562

Asthma outbreak during a thunderstorm. Packe GE, et al. **Lancet** 1985 Jul 27;2(8448):199–204

Clostridium perfringens food poisoning on North Sea oil installations [letter] Reid TM, et al. **Lancet** 1985 Feb 2;1(8423):272

Dengue in north-east Africa [letter] Saleh AS, et al. **Lancet** 1985 Jul 27;2(8448):211–2

Epidemic shiga bacillary dysentery in Rangoon, Burma, 1984/85 [letter] Tin Aye, et al. **Lancet** 1985 Jun 22;1(8443):1442

The Sydney AIDS Project. Sydney AIDS study group. **Med J Aust** 1984 Oct 27;141(9):569–73

Hospital outbreak of multiresistant Staphylococcus aureus in Victoria, 1979–1984. Bennett NM. **Med J Aust** 1985 Jan 21;142(2):138–9

Prolonged outbreak of Norwalk gastroenteritis in an isolated guest house. Oliver B, et al. **Med J Aust** 1985 Apr 1;142(7):391–5

An outbreak of multiply resistant Staphylococcus aureus in Buenos Aires. Clinical observations and plasmid pattern analysis. Schugurensky A, et al. **Medicina (B Aires)** 1984;44(1):8–14

Study of an outbreak of cutaneous leishmaniasis in Venezuela. The role of domestic animals. Aguilar CM, et al. **Mem Inst Oswaldo Cruz** 1984 Apr–Jun;79(2):181–95

Community outbreak of Yersinia pseudotuberculosis. Inoue M, et al. **Microbiol Immunol** 1984;28(8):883–91

Update: influenza activity—United States. **MMWR** 1985 Feb 1;34(4):62–3

Measles in an immunized school-aged population—New Mexico. **MMWR** 1985 Feb 1;34(4):52–4, 59

Rubella in colleges—United States, 1983–1984. **MMWR** 1985 Apr 26;34(16):228–31

Cryptosporidiosis among children attending day-care centers—Georgia, Pennsylvania, Michigan, California

New Mexico. **MMWR** 1984 Oct 26;33(42):599-601

Outbreak of tick-borne tularemia—South Dakota. **MMWR** 1984 Oct 26;33(42):601-2

Campylobacter outbreak associated with certified raw milk products—California. **MMWR** 1984 Oct 5;33(39):562

Measles outbreak—New York City. **MMWR** 1984 Oct 19; 33(41):580, 5*5-5

Epidemic typhus—Georgia. **MMWR** 1984 Nov 2; 33(43):618-9

Poultry giblet-associated salmonellosis—Maine. **MMWR** 1984 Nov 9;33(44):630-1

St. Louis encephalitis—California. **MMWR** 1984 Nov 23; 33(46):649-51

Paralytic poliomyelitis—United States, 1982 and 1983. **MMWR** 1984 Nov 16;33(45):635-8

Streptococcal foodborne outbreaks—Puerto Rico, Missouri. **MMWR** 1984 Nov 30;33(47):669-72

Sporotrichosis among hay-mulching workers—Oklahoma, New Mexico. **MMWR** 1984 Dec 7;33(48):682-3

Acute convulsions associated with endrin poisoning—Pakistan. **MMWR** 1984 Dec 14;33(49):687-8, 693

Human Salmonella isolates—United States, 1983. **MMWR** 1984 Dec 14;33(49):693-5

Update: influenza activity—United States. **MMWR** 1985 Jan 11;34(1):6, 11

Poliomyelitis—Finland. **MMWR** 1985 Jan 11;34(1):5-6

Update: influenza activity—United States. **MMWR** 1985 Jan 18;34(2):19-20

Phytophotodermatitis among grocery workers—Ohio. **MMWR** 1985 Jan 11;34(1):11-3

Multiple outbreaks of Kawasaki syndrome—United States. **MMWR** 1985 Jan 25;34(3):33-5

Crimean-Congo hemorrhagic fever—Republic of South Africa. **MMWR** 1985 Feb 22;34(7):94, 99-101

Hepatitis B among dental patients—Indiana. **MMWR** 1985 Feb 8;34(5):73-5

Measles on a college campus—Ohio. **MMWR** 1985 Feb 22; 34(7):89-90

Update: influenza activity—United States. **MMWR** 1985 Feb 22;34(7):92-4

Update: influenza activity—worldwide, United States. **MMWR** 1985 Mar 1;34(8):114-6

Multiple measles outbreaks on college campuses—Ohio, Massachusetts, Illinois. **MMWR** 1985 Mar 15;34(10):129-30

Potential epidemic of Creutzfeldt-Jakob disease from human growth hormone therapy. Brown P, et al. **N Engl J Med** 1985 Sep 19;313(12):728-31

Coincidental appearance of LAV/HTLV-III antibodies in hemophiliacs and the onset of the AIDS epidemic. Evatt BL, et al. **N Engl J Med** 1985 Feb 21;312(8):483-6

A community-based outbreak of infection with penicillin-resistant Neisseria gonorrhoeae not producing penicillinase (chromosomally mediated resistance). Faruki H, et al. **N Engl J Med** 1985 Sep 5;313(10):607-11

The AIDS epidemic. Landesman SH, et al. **N Engl J Med** 1985 Feb 21;312(8):521-5

An outbreak of meningococcal disease: implications for community medicine. Buchan H, et al. **NZ Med J** 1984 Dec 12;97(769):860-2

Listeriosis in Christchurch 1967-1984. Faoagali JL, et al. **NZ Med J** 1985 Feb 13;98(772):64-6

The West Otago illness [letter] Poore M, et al. **NZ Med J** 1985 Apr 24;98(777):305-6

Echo 30 outbreak, 1983-4 [letter] Shone G, et al. **NZ Med J** 1985 Aug 14;98(784):658

An enterovirus epidemic [letter] Walls CB. **NZ Med J** 1984 Nov 28;97(768):829-30

Value of a centralized surveillance system during a national epidemic of endophthalmitis. O'Day DM. **Ophthalmology** 1985 Mar;92(3):309-15

Enteroviral infections. Brunell PA. **Pediatr Infect Dis** 1985 May-Jun;4(3 Suppl):S46-7

An epidemic of perinatal listeriosis serotype 1b in Hispanics in a Houston hospital. Canfield MA, et al. **Pediatr Infect Dis** 1985 Jan-Feb;4(1):106

A nosocomial common source outbreak caused by Pseudomonas pickettii. Gardner S, et al. **Pediatr Infect Dis** 1984 Sep-Oct;3(5):420-2

Outbreaks of group A streptococcal abscesses following diphtheria-tetanus toxoid-pertussis vaccination. Stetler HC, et al. **Pediatrics** 1985 Feb;75(2):299-303

Medicine and the media: a case study. Brown D. **Pharos** 1984 Summer;47(3):2-7

Detection and investigation of subtle epidemics. Chen R. **Prog Clin Biol Res** 1985;163B:39-43

Birth defects and environmental pollution: the Cubatão example. Monteleone-Neto R, et al. **Prog Clin Biol Res** 1985;163B:65-8

The decline of New Orleans asthma epidemics. Goldstein IF, et al. **Rev Environ Health** 1984;4(2):133-46

Group A meningococcal disease in the U.S. Pacific Northwest: epidemiology, clinical features, and effect of a vaccination control program. Counts GW, et al. **Rev Infect Dis** 1984 Sep-Oct;6(5):640-8

An outbreak of tularemia in the northern part of central Sweden. Christenson B. **Scand J Infect Dis** 1984; 16(3):285-90

Psychogenic epidemics and work. Olkinuora M. **Scand J Work Environ Health** 1984 Dec;10(6 Spec No):501-4

Epidemic non-A, non-B hepatitis. Maynard JE. **Semin Liver Dis** 1984 Nov;4(4):336-9 (16 ref.)

Type 8 pneumococcal pneumonia: an outbreak on an oncology ward. Berk SL, et al. **South Med J** 1985 Feb; 78(2):159-61

Teratogen update: the congenital rubella syndrome. South MA, et al. **Teratology** 1985 Apr;31(2):297-307

Cholera in Gaza in 1981: epidemiological characteristics of an outbreak. Lasch EE, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):554-7

Changing patterns of disease. Lorber B. **Trans Stud Coll Physicians Phila** 1985 Jun;7(2):117-30

[Epidemiologic study of viral hepatitis A in kindergartens and nurseries] Xu DZ. **Chung Hua I Hsueh Tsa Chih** 1985 Mar;65(3):148-50 (Eng. Abstr.) (Chi)

[An outbreak of amebiasis] **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Jun; 5(3):169-71 (Eng. Abstr.) (Chi)

[A typhoid fever outbreak in Liuan County] **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Jun; 5(3):157-9 (Eng. Abstr.) (Chi)

[An epidemic of hand-foot-and-mouth disease due to Coxsackie A16 in Tianjin City] Yu CS. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Apr; 6(2):66-9 (Eng. Abstr.) (Chi)

[A water-borne outbreak of diarrhea] Zhang DL. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug; 5(4):209-11 (Eng. Abstr.) (Chi)

[Survey on an outbreak of Campylobacter enteritis in a family] Zhang TC. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Oct; 5(5):264-6 (Eng. Abstr.) (Chi)

[An outbreak of hepatitis A in Lin-Kou, Taipei County in 1982] Hsu NH, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Dec;83(12):1222-31 (Eng. Abstr.) (Chi)

[Mass poisoning with an agrochemical] Volf K, et al. **Soud Lek** 1984 May;29(2):25-8 (Eng. Abstr.) (Cze)

[Bacillary dysentery in Utrecht: 2 epidemics] Mazurkiewicz E, et al. **Ned Tijdschr Geneeskd** 1985 May 11;129(19):895-9 (Eng. Abstr.) (Dut)

[Food poisoning due to country sausage] Bruins B Jr, et al. **Tijdschr Diergeneeskd** 1985 Jun 15;110(12):487-9 (Eng. Abstr.) (Dut)

[An epidemic of hand, foot and mouth disease] Van der Hoek JC, et al. **Tijdschr Kindergeneeskd** 1984 Jun;52(3):82-8 (Eng. Abstr.) (Dut)

[Paralytic poliomyelitis epidemic in Finland 1984-85] Kinnunen E, et al. **Duodecim** 1985;101(12):1178-84 (Fin)

[Hepatitis A epidemic in an infant day care center] Pönkä A, et al. **Duodecim** 1985;101(14):1370-4 (Fin)

[Case of massive group tuberculosis infection in a country with low incidence] van Lavieren CH, et al. **Bull Int Union Tuberc** 1984 Sep;59(3):131-2 (Fre)

[Monkey pox virus infection in humans in the Central African Republic] Khodakevich L, et al. **Bull Soc Pathol Exot Filiales** 1985;78(3):311-20 (Eng. Abstr.) (Fre)

[Epidemic of yellow fever in the southeastern region of Upper Volta (October-December, 1983). Epidemiological study. Preliminary results] Roux J, et al. **Med Trop (Mars)** 1984 Oct-Dec;44(4):303-9 (Eng. Abstr.) (Fre)

[Study of a brucellosis epidemic in a horticultural school] Stahl JP, et al. **Rev Epidemiol Sante Publique** 1985; 33(1):9-12 (Eng. Abstr.) (Fre)

[Clinical aspects observed during an epidemic of 415 cases of Q fever] Dupuis G, et al. **Schweiz Med Wochenschr** 1985 Jun 15;115(24):814-8 (Eng. Abstr.) (Fre)

[Epidemic listeriosis. Report of 25 cases in 15 months at the Vaud University Hospital Center] Malinverni R, et al. **Schweiz Med Wochenschr** 1985 Jan 5;115(1):2-10 (Eng. Abstr.) (Fre)

[Epidemiology of influenza since 1968] Höpken W, et al. **Internist (Berlin)** 1985 Feb;26(2):83-8 (Ger)

[Medical problems in refugees from Sri Lanka (Tamil) (letter)] Gassner-Bachmann M. **Schweiz Med Wochenschr** 1985 Jul 9;115(27-28):950-1 (Ger)

[Chronic pulmonary hypertension of vascular etiology, plexogenic pulmonary arteriopathy and the appetite depressant Aminorex: lessons from an epidemic] Gurtner HP. **Schweiz Med Wochenschr** 1985 Jun 15;115(24):818-27 (Ger)

[Chronic pulmonary hypertension of vascular origin, plexogenic pulmonary arteriopathy and the appetite depressant aminorex: addenda to an epidemic] Gurtner HP. **Schweiz Med Wochenschr** 1985 Jun 8;115(23):782-9contd (Eng. Abstr.) (Ger)

[Are 'epidemiologically significant medical emergencies' in intercontinental airports possible?] Steffen R, et al. **Ther Umsch** 1985 Jan;42(1):12-6 (Eng. Abstr.) (Ger)

[Echovirus 11 outbreak among premature newborn infants in a neonatal intensive care unit] Steinmann J, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Apr; 259(2):284-93 (Eng. Abstr.) (Ger)

[Surveillance for infectious diseases after the Italian earthquake of 23 November 1980] Greco D, et al. **Ann Ist Super Sanita** 1983;19(2-3):355-9 (Eng. Abstr.) (Ita)

[Atmospheric radiations. Effects of potassium-inhibitory and potassium-retentive hormones on two types of infective agent] Noferi V, et al. **Minerva Med** 1984 Nov 30; 75(45-46):2755-64 (Eng. Abstr.) (Ita)

[Influenza A outbreak in 1983 and infections in young children] Sugaya N, et al. **Kansenshogaku Zasshi** 1984 Nov; 58(11):1199-205 (Eng. Abstr.) (Jpn)

[Epidemiological analysis of mortality among the aged during an influenza epidemic] Takahashi M, et al. **Kansenshogaku Zasshi** 1984 Aug;58(8):764-73 (Eng. Abstr.) (Jpn)

[Community outbreaks of mixed food-borne infection with Vibrio parahaemolyticus and Vibrio fluvialis] Tokoro M, et al. **Kansenshogaku Zasshi** 1984 Oct;58(10):1038-45 (Eng. Abstr.) (Jpn)

[A study on the causes of an epidemic of influenza, especially an analysis of relative humidity as a main cause] Hayashi T. **Nippon Ika Daigaku Zasshi** 1985 Jun;52(3):272-80 (Eng. Abstr.) (Jpn)

[Studies on influenza in Tokyo in 1983-1984 epidemic period. Analysis of occurrence under unusual meteorological conditions] Shimada H. **Nippon Ika Daigaku Zasshi** 1985 Feb;52(1):39-48 (Eng. Abstr.) (Jpn)

[The course of viral meningitis in patients treated at the Infectious Disease Clinic, Medical Academy, in Cracow during the period of epidemic intensity (August-November 1982)] Begejowicz C, et al. **Pol Tyg Lek** 1984 Jun 11; 39(24):819-21 (Eng. Abstr.) (Pol)

[Epidemic focus of trichinosis in Iłża, Radom province] Anusz Z, et al. **Przegl Epidemiol** 1984;38(3):315-20 (Eng. Abstr.) (Pol)

[Incidence of trichinosis and its clinical picture in the Białystok region in the last 16 years] Prokopowicz D, et al. **Wiad Lek** 1985 Mar 1;38(5):352-8 (Eng. Abstr.) (Pol)

[Encephalitis in the Valley of Ribeira region, São Paulo, Brazil, in the post-endemic period from 1978 to 1983: status of the etiological diagnosis and epidemiological characteristics] Iversson LB, et al. **Rev Saude Publica** 1984 Aug;18(4):323-32 (Eng. Abstr.) (Por)

[Clinico-etiological characteristics of meningococcal infection in children in Leningrad 1970-1982] Zinchenko AP, et al. **Pediatriia** 1984 Aug;(8):24-7 (Eng. Abstr.) (Rus)

[Epidemic outbreak of conjunctivitis due to the Coxsackie B1 enterovirus] Malanova NL, et al. **Vestn Oftalmol** 1985 Jan-Feb;101(1):31-4 (Eng. Abstr.) (Rus)

[Dynamic observation of the epidemic process in meningococcal infection in a unit] Perepelkin VS, et al. **Voen Med Zh** 1984 Oct;(10):35-7 (Rus)

[Analysis of the influenza situation in the USSR and the GDR in nonepidemic (1978-1979) and epidemic (1979-1980) seasons] Iakhno MA, et al. **Vopr Virusol** 1985 Mar-Apr; 30(2):150-3 (Eng. Abstr.) (Rus)

[Outbreak of food toxicoinfection caused by enterotoxic Escherichia coli] Dolzhkevich NIa, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):114 (Rus)

[Prognosis of the dynamics and intensity of the epidemic process in viral hepatitis A] Iasin AE, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):74-7 (Eng. Abstr.) (Rus)

[Epidemiological characteristics of Angola] Khot'ko NI. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):81-8 (Eng. Abstr.) (Rus)

[Conditions and factors determining the etiological structure of dysentery and its alterations. III. The epidemiological assessment of the biological properties of Shigella and their importance in the development of the epidemic process in different nosological forms of dysentery] Solodovnikov IuP. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep; (9):109-14 (Rus)

[The epidemiology of interhospital outbreaks of nosocomial infections] Vlodavets VV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Jul;(7):75-7 (12 ref.) (Rus)

[Present trends in cholera and changes in cholera vibrios] Radojčić V. **Glas Srp Akad Nauka [Med]** 1981;(33):93-104 (Eng. Abstr.) (Scc)

[An epidemic of Q fever in northern Croatia in 1983 (epidemiologic-serological aspects)] Borčić B, et al. **Lijec Vjesn** 1984 Sep;106(9):353-7 (Eng. Abstr.) (Ser)

[3 water-borne epidemics of acute type A viral hepatitis in schools in Slavonia between 1981 and 1982] Ptiček D, et al. **Lijec Vjesn** 1985 Jan;107(1):14-7 (Eng. Abstr.) (Ser)

[Epidemics of acute diarrheal syndromes in the Rijeka region between 1961 and 1980] Bakašun V, et al. **Vojnosanit Pregl** 1984 Nov-Dec;41(6):475-9 (Ser)

[Urban cutaneous leishmaniasis in Barquisimeto, Venezuela] Bonfante-Garrido R, et al. **Bol Of Sanit Panam** 1984 Aug; 97(2):105-10 (Eng. Abstr.) (Spa)

[Anthrax in 2 communities in Zacatecas, Mexico] Fragoso Uribe R, et al. **Bol Of Sanit Panam** 1984 Dec;97(6):526-33 (Eng. Abstr.) (Spa)

[Toward the eradication of diphtheria in Chile] Fernández E, et al. **Rev Chil Pediatr** 1984 Sep-Oct;55(5):345-58 (Eng. Abstr.) (Spa)

[Analysis of an outbreak of diarrhea by E. coli 0142 in newborn infants] Hering E, et al. **Rev Chil Pediatr** 1984 May-Jun;55(3):175-9 (Eng. Abstr.) (Spa)

[An epidemic of viral meningitis caused by ECHO 4 occurring in Panama in 1981] Sáenz RE, et al. **Rev Med Panama** 1984 Sep;9(3):188-99 (Eng. Abstr.) (Spa)

[Outbreak of food poisoning infection in Orihuela (Alicante)] López Lozano JM, et al. **Rev Sanid Hig Publica (Madr)**

1983 Sep–Oct;57(9–10):1039–53 (Eng. Abstr.) **(Spa)**

[Epidemiological waves in meningococcal infections] Rodríguez–Contreras Pelayo R, et al. **Rev Sanid Hig Publica (Madr)** 1984 Jan–Feb;58(1–2):99–118 (Eng. Abstr.) **(Spa)**

[Another outbreak of trichinosis in the city of Zacatecas and observations on eosinophilia in this disease] Martínez Marañón R, et al. **Salud Publica Mex** 1985 Mar–Apr; 27(2):174–9 (Eng. Abstr.) **(Spa)**

PREVENTION & CONTROL

Influenza A/Philippines/2/82 outbreak in a nursing home: limitations of influenza vaccination in the aged. Arroyo JC, et al. **Am J Infect Control** 1984 Dec;12(6):329–34

Present status and future prospects for malaria control in the world. Lepes T. **Ann Acad Med Singapore** 1984 Apr; 13(2):163–70

Prevention of spread of echovirus 6 in a special care baby unit. Carolane DJ, et al. **Arch Dis Child** 1985 Jul; 60(7):674–6

Ste. Rose General combats infectious pediatric outbreak. Hopfner C, et al. **Dimens Health Serv** 1985 Feb;62(2):19–20

Forecasting epidemic pathways for measles in Iceland: the use of simultaneous equation and logit models. Cliff AD, et al. **Ecol Dis** 1983;2(4):377–96

Immunoprophylaxis of epidemic non–A non–B hepatitis. Joshi YK, et al. **Indian J Med Res** 1985 Jan;81:18–9

A rubella outbreak among dental students: description of the outbreak and analysis of control measures. Storch GA, et al. **Infect Control** 1985 Apr;6(4):150–6

Measles: current status and outbreak control on campus. Amler RW, et al. **J Am Coll Health** 1984 Oct;33(2):64–6

Rubella: current status, diagnosis, outbreak control, and use of rubella vaccine in females of childbearing age. Preblud SR. **J Am Coll Health** 1984 Oct;33(2):67–72

Control of epidemic meningococcal meningitis by mass vaccination. I. Further epidemiological evaluation of groups A and C vaccines in northern Nigeria. Mohammed I, et al. **J Infect** 1984 Sep;9(2):190–6

Control of epidemic meningococcal meningitis by mass vaccination. II. Persistence of antibody four years after vaccination. Mohammed I, et al. **J Infect** 1984 Sep; 9(2):197–202

Giardiasis in day care centers [letter] Vogt RL. **J Pediatr** 1985 May;106(5):857–8

The changing relationships of epidemiology and society: the Robert Cruikshank lecture. Terris M. **J Public Health Policy** 1985 Mar;6(1):15–36

Efficacy of influenza vaccine in nursing homes. Reduction in illness and complications during an influenza A (H3N2) epidemic. Patriarca PA, et al. **JAMA** 1985 Feb 22; 253(8):1136–9

Cost of varicella epidemic [letter] Miller PJ, et al. **Pediatrics** 1985 May;75(5):989–90

[Epidemiological surveillance—the basis of the modern organization of epidemic control work] Beliakov VD. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May;(5):53–8 **(Rus)**

[Epidemiological trial of the prophylactic effectiveness of the interferon inducer dipyridamole with respect to influenza and acute respiratory diseases] Kuzmov K, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):26–30 (Eng. Abstr.) **(Rus)**

[Urgent problems in the organization of malaria prophylaxis] Soprunov FF. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Jul;(7):45–50 (Eng. Abstr.) **(Rus)**

[Modern aspects in the prevention and control of cholera] Mel DM. **Glas Srp Akad Nauka [Med]** 1981;(33):105–12 (Eng. Abstr.) **(Scc)**

[Experiences from the diphtheria outbreak in Gothenburg. Basic vaccination data should be computerized] Iwarson S. **Nord Med** 1985;100(2):35–6 **(Swe)**

PSYCHOLOGY

The role of the press and the medical community in the epidemic of 'mysterious gas poisoning' in the Jordan West Bank. Hefez A. **Am J Psychiatry** 1985 Jul;142(7):833–7

THERAPY

Effectiveness of mumps vaccine in a school outbreak. Sullivan KM, et al. **Am J Dis Child** 1985 Sep;139(9):909–12

VETERINARY

A new field strain of equine abortion virus (equine herpesvirus–1) among Kentucky horses. Allen GP, et al. **Am J Vet Res** 1985 Jan;46(1):138–40

Use of epidemiologic markers to identify the source of Escherichia coli infections in poultry. Barbour EK, et al. **Am J Vet Res** 1985 Apr;46(4):989–91

Common plasmid encoding resistance to ampicillin, chloramphenicol, gentamicin, and trimethoprim–sulfadiazine in two serotypes of Salmonella isolated during an outbreak of equine salmonellosis. Ikeda JS, et al. **Am J Vet Res** 1985 Apr;46(4):769–73

Dairy herd problem with mastitis caused by a rapidly growing Mycobacterium species. Schultze WD, et al. **Am J Vet Res** 1985 Jan;46(1):42–7

Naturally–occurring Tyzzer's disease (Bacillus piliformis infection) in commercial rabbits: a clinical and pathological study. Peeters JE, et al. **Ann Rech Vet** 1985;16(1):69–79

Serological and biochemical factors in bovine ephemeral fever. St George TD, et al. **Aust J Biol Sci** 1984; 37(5–6):341–9

Mastitis in cows and polyarthritis and pneumonia in calves caused by Mycoplasma species bovine group 7. Alexander PG, et al. **Aust Vet J** 1985 Apr;62(4):135–6

A syndrome of hepatogenous photosensitisation, resembling geeldikkop, in sheep grazing Tribulus terrestris. Glastonbury JR, et al. **Aust Vet J** 1984 Oct;61(10):314–6

Meningoencephalitis in calves due to bovine herpesvirus type 1 infection. Hill BD, et al. **Aust Vet J** 1984 Jul;61(7):242–3

A small episode of single quarter coliform infections in lactating dairy cows kept at pasture. Johnston KG, et al. **Aust Vet J** 1984 Nov;61(11):364–6

Marek's disease in sixty week–old laying chickens. Nicholls TJ. **Aust Vet J** 1984 Jul;61(7):243

Colitis in sheep due to a Campylobacter–like bacterium. Stephens LR, et al. **Aust Vet J** 1984 Jun;61(6):183–7

Respiratory disease (rhinotracheitis) of turkeys in Brittany, France. III. Interaction of multiple infecting agents. Andral B, et al. **Avian Dis** 1985 Jan–Mar;29(1):233–43

Respiratory disease (rhinotracheitis) in turkeys in Brittany, France, 1981–1982. II. Laboratory findings. Andral B, et al. **Avian Dis** 1985 Jan–Mar;29(1):35–42

Respiratory disease (rhinotracheitis) in turkeys in Brittany, France, 1981–1982. I. Field observations and serology. Andral B, et al. **Avian Dis** 1985 Jan–Mar;29(1):26–34

Sinusitis in turkeys associated with respiratory cryptosporidiosis. Glisson JR, et al. **Avian Dis** 1984 Jul–Sep;28(3):783–90

An epornitic of Mycoplasma gallisepticum in turkeys. Mason SJ, et al. **Avian Dis** 1984 Jul–Sep;28(3):751–7

Viral hepatitis in domestic geese in Saskatchewan. Riddell C. **Avian Dis** 1984 Jul–Sep;28(3):774–82

Possible genetic variation in resistance of turkeys to erysipelas and fowl cholera. Saif YM, et al. **Avian Dis** 1984 Jul–Sep; 28(3):770–3

Cryptosporidiosis in the respiratory tract of turkeys in Saskatchewan. Tarwid JN, et al. **Avian Dis** 1985 Apr–Jun; 29(2):528–32

Reticuloendotheliosis in breeder turkeys. Witter RL, et al. **Avian Dis** 1984 Jul–Sep;28(3):742–50

Host range of A/Chicken/Pennsylvania/83 (H5N2) influenza virus. Wood JM, et al. **Avian Dis** 1985 Jan–Mar; 29(1):198–207

Q–fever control in Cyprus—recent progress. Polydorou K. **Br Vet J** 1985 Jul–Aug;141(4):427–30

The international cattle trade problems and control of disease. Scudamore JM. **Br Vet J** 1984 Sep–Oct;140(5):413–29 (30 ref.)

Serotypes and antibiotic sensitivity of Moraxella bovis isolated from an outbreak of infectious bovine keratoconjunctivitis. Gil–Turnes C, et al. **Can J Comp Med** 1984 Oct;48(4):428–30

An outbreak of equine influenza at a harness horse racetrack. Kemen MJ, et al. **Cornell Vet** 1985 Apr;75(2):277–88

Outbreak of botulism in horses. Kelly AP, et al. **Equine Vet J** 1984 Nov;16(6):519–21

Thirteen cases of botulism in horses fed big bale silage. Ricketts SW, et al. **Equine Vet J** 1984 Nov;16(6):515–8

A note on the incidence of Trichophyton mentagrophytes infection in pigs and its zoonotic importance. Thakur DK, et al. **Int J Zoonoses** 1984 Jun;11(1):123–5

Sebekiosis in captive alligator hatchlings. Boyce W, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1419–20

Yersinia enterocolitica infection in breeding colonies of ruffed lemurs. Bresnahan JF, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1354–6

Natural infection of captive coyote pups with a herpesvirus antigenically related to canine herpesvirus. Evermann JF, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1288–90

Taenia saginata cysticercosis in an Ohio cattle feeding operation. Fertig DL, et al. **J Am Vet Med Assoc** 1985 Jun 15;186(12):1281–5

Mite (Schizocarpus mingaudi) infestations of ranch–raised beavers. Foreyt WJ, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1414–5

Economic impact of an epizootic of bovine vesicular stomatitis in California. Goodger WJ, et al. **J Am Vet Med Assoc** 1985 Feb 15;186(4):370–3

Systemic protozoal disease in zebra finches. Helman RG, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1400–1

Salmonellosis in a herd of captive elephants. Janssen DL, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1450–1

Predisposition to invasive pneumococcal illness following parainfluenza type 3 virus infection in chimpanzees. Jones EE, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1351–3

Lingual abscesses in suckling and weaned lambs. Rossiter DL, et al. **J Am Vet Med Assoc** 1984 Dec 15;185(12):1552

Adenoviral infection in infant tree shrews. Schoeb TR, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1363–6

Histopathology of the disease causing mass mortality of sea urchins (Strongylocentrotus droebachiensis) in Nova Scotia. Jones GM, et al. **J Invertebr Pathol** 1985 May; 45(3):260–71

An outbreak of ovine listeriosis associated with poor flock management practices. Meredith CD, et al. **J S Afr Vet Assoc** 1984 Jun;55(2):55–6

A descriptive epidemiological study of raccoon rabies in a rural environment. Hubbard DR. **J Wildl Dis** 1985 Apr; 21(2):105–10

Muscovy duck mortality not caused by Haemoproteus [letter] Julian RJ, et al. **J Wildl Dis** 1985 Jul;21(3):335–7

Presence of neutralizing antibodies to rabies virus in striped skunks from areas free of skunk rabies in Alberta. Rosatte RC, et al. **J Wildl Dis** 1984 Jul;20(3):171–6

An epizootic form of Tyzzer's disease in a rat colony. Itoh T, et al. **Jikken Dobutsu** 1985 Jan;34(1):85–8

Application of ELISA to sero–epidemiological survey of Japanese encephalitis in swine. Ohkubo Y, et al. **Jpn J Vet Res** 1984 Oct;32(4):191–7

Mycobacterium bovis infection in primates in Dublin Zoo: epidemiological aspects and implications for management. Wilson P, et al. **Lab Anim** 1984 Oct;18(4):383–7

Streptococcus R (Streptococcus suis type II) infection in pigs in Japan. Azuma R, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Winter;23(4):117–26

Electron microscopy of Clostridium perfringens in the intestine of neonatal pigs with necrotic enteritis. Kubo M, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):497–501

Therapeutic effects of vitamin K for hemorrhagic disease in pigs. Sasaki Y, et al. **Nippon Juigaku Zasshi** 1985 Jun; 47(3):435–42

Reappearance of Getah virus infection among horses in Japan. Sentsui H, et al. **Nippon Juigaku Zasshi** 1985 Apr; 47(2):333–5

Mycoplasma–bovis–induced mastitis in cattle in Denmark. Friis NF. **Nord Vet Med** 1984 Sep–Oct;36(9–10):324–5

An outbreak of salmonellosis in a Danish fox farm. Henriksen P, et al. **Nord Vet Med** 1985 Mar–Apr;37(2):107–8

Salmonella isolated from animals and feed stuffs in Sweden during 1978–1982. Mårtensson L, et al. **Nord Vet Med** 1984 Nov–Dec;36(11):371–93

An endemic case of tularemia in the mountain hare (Lepus timidus) on the island of Stora Karlsö. Mörner T, et al. **Nord Vet Med** 1984 Sep–Oct;36(9–10):310–3

An outbreak of poliomyelitis caused by poliovirus type I in captive black and white colobus monkeys (Colobus abyssinicus kikuyuensis) in Kenya. Suleman MA, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):665–9

African swine fever in Malawi. Haresnape JM. **Trop Anim Health Prod** 1984 May;16(2):123–5

Survey of brucellosis in goats and sheep in the Yemen Arab Republic: comparison of tests for Brucella melitensis infection in sheep. Hosie BD, et al. **Trop Anim Health Prod** 1985 May;17(2):93–9

Trypanosoma evansi infection in buffaloes in north–east Thailand. I. Field investigations. Löhr KF, et al. **Trop Anim Health Prod** 1985 May;17(2):121–5

History and epidemiology of foot–and–mouth disease in Zambia: a review. Perry BD, et al. **Trop Anim Health Prod** 1984 May;16(2):107–14 (20 ref.)

Lesions in broiler and layer chickens in an outbreak of highly pathogenic avian influenza virus infection. Acland HM, et al. **Vet Pathol** 1984 Nov;21(6):564–9

Swine dysentery in a sow herd. I. Clinical manifestation and elimination of the disease with a combination of lincomycin and spectinomycin. van Leengoed LA, et al. **Vet Q** 1985 Apr;7(2):146–50

Disease in turkeys associated with H1N1 influenza virus following an outbreak of the disease in pigs. Andral B, et al. **Vet Rec** 1985 Jun 8;116(23):617–8

Suspected bovine botulism associated with broiler litter waste. Appleyard WT, et al. **Vet Rec** 1985 May 11; 116(19):522

Outbreak of the pigeon paramyxovirus serotype 1 in the Sudan. Ballouh A, et al. **Vet Rec** 1985 Apr 6;116(14):375

Preliminary observations on a series of outbreaks of acute laminitis in dairy cattle. Bazeley K, et al. **Vet Rec** 1984 Dec 15;115(24):619–22

Ataxia/paresis syndrome of sheep in West Africa associated with bilateral multifocal cerebrospinal poliomalacia. Bonniwell MA, et al. **Vet Rec** 1985 Jan 26;116(4):94–7

Duck hepatitis virus and Chlamydia psittaci outbreak [letter] Chalmers WS, et al. **Vet Rec** 1985 Feb 23;116(8):223

Abortion in sheep caused by Thogoto virus. Davies FG, et al. **Vet Rec** 1984 Dec 22–29;115(25–26):654

Outbreak of posthitis in grazing wethers in Scotland. Doherty ML. **Vet Rec** 1985 Apr 6;116(14):372–3

Experimental foot–and–mouth disease in fattening pigs, sows and piglets in relation to outbreaks in the field. Donaldson AI, et al. **Vet Rec** 1984 Nov 17;115(20):509–12

Apparent reinfection of enzootic–pneumonia–free pig herds: search for possible causes. Goodwin RF. **Vet Rec** 1985 Jun 29;116(26):690–4

Apparent reinfection of enzootic–pneumonia–free pig herds: early signs and incubation period. Goodwin RF. **Vet Rec** 1984 Sep 29;115(13):320–4

Infection by leptospires of the Pomona serogroup in cattle and pigs in south west England. Hathaway SC, et al. **Vet Rec** 1984 Sep 8;115(10):246–8

Possible role of leptospires of the Pomona serogroup in sporadic bovine abortion in the south west of England. Hathaway SC, et al. **Vet Rec** 1984 Dec 15;115(24):623–6

Autumn nematodiriasis [letter] Hollands RD. **Vet Rec** 1984 Nov 17;115(20):526–7

Autumn nematodiriasis [letter] Hosie BD. **Vet Rec** 1984 Dec 22–29;115(25–26):666–7

Relationship between date of spring turnout and lungworm infection in calves. Jacobs DE, et al. **Vet Rec** 1985 Jan 19;116(3):75–6

Space occupying lesions of cranial nerves in calves with facial paralysis. Maenhout D, et al. **Vet Rec** 1984 Oct 20; 115(16):407–10

Osteodystrophy in growing lambs fed a diet rich in wheat bran. Mahin L, et al. **Vet Rec** 1984 Oct 6;115(14):355–7

Outbreak of balanoposthitis in breeding bulls. Moorthy AR. **Vet Rec** 1985 Jan 26;116(4):98

Outbreak of mucosal disease among apparently immunotolerant heifers. Nagele MJ. **Vet Rec** 1984 Nov 10; 115(19):496–9

Fractures in turkeys associated with lymphoma. Randall CJ, et al. **Vet Rec** 1984 Dec 22–29;115(25–26):650–1

Presumptive protozoan (sarcocystis) encephalomyelitis with paresis in lambs. Stubbings DP, et al. **Vet Rec** 1985 Apr 6;116(14):373–4

Dermatitis of the legs of sheep associated with Staphylococcus aureus. Synge BA, et al. **Vet Rec** 1985 Apr 27;116(17):459–60

Rapid diagnosis of rinderpest by countercurrent immuno-electro-osmo-phoresis in Nigeria. Durojaiye OA. **Zentralbl Veterinarmed [B]** 1984 Dec;31(10):790–1

[An outbreak of toxoplasmosis at a zoo] Borst GH. **Tijdschr Diergeneeskd** 1984 Oct 1;109(19):763 **(Dut)**

[Proliferative kidney disease in salmonid fish] Hoffmann R, et al. **Berl Munch Tierarztl Wochenschr** 1984 Aug 1; 97(8):288–91 (Eng. Abstr.) **(Ger)**

[Enzootic septicemic listeriosis in a migrating flock of sheep] Palmer DG. **Schweiz Arch Tierheilkd** 1984 Oct; 126(10):539–43 (Eng. Abstr.) **(Ger)**

[Helminthic pneumonia in fattening swine] Zimmermann W, et al. **Schweiz Arch Tierheilkd** 1985 Apr;127(4):291–3 (Eng. Abstr.) **(Ger)**

[Foot-and-mouth disease: the nature and importance of the disease] Böhm HO, et al. **Tierarztl Prax** 1984;12(3):292–6 (Eng. Abstr.) **(Ger)**

[1st cured case of bovine herpes mamillitis in Switzerland] Müller R, et al. **Tierarztl Prax** 1984;12(3):297–305 (Eng. Abstr.) **(Ger)**

[An outbreak of staphylococcal dermatitis in laboratory mice] Tamura H, et al. **Jikken Dobutsu** 1985 Apr;34(2):147–54 (Eng. Abstr.) **(Jpn)**

[Outbreak of shigellosis among non-human primates maintained in captivity] Brito Loureiro EC, et al. **Rev Latinoam Microbiol** 1984 Oct–Dec;26(4):305–8 (Eng. Abstr.) **(Por)**

[Ecology and epizootiology] Korenberg EI. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Mar;(3):99–103 (47 ref.) **(Rus)**

[First description of an outbreak of acute canine hemorrhagic gastroenteritis in Costa Rica] Hernández F, et al. **Rev Latinoam Microbiol** 1984 Jan–Mar;26(1):27–38 (Eng. Abstr.) **(Spa)**

DISEASE RESERVOIRS

see related
CARRIER STATE
COMMUNICABLE DISEASE CONTROL
DISEASE VECTORS
ZOONOSES

Experimental transmission of Aleutian disease virus (ADV) to different animal species. Alexandersen S, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Jun; 93(3):195–200

Mice as reservoirs of the Lyme disease spirochete. Levine JF, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):355–60

Possible reservoir host(s) of zoonotic cutaneous leishmaniasis in Al-Hassa oasis, Saudi Arabia. Elbihari S, et al. **Ann Trop Med Parasitol** 1984 Oct;78(5):543–5

Investigation of possible zoonotic reservoirs of Indian kala-azar. Srivastava L, et al. **Ann Trop Med Parasitol** 1984 Oct;78(5):501–4

Biology, life-tables, and intrinsic rates of increase of Bulinus globosus Morelet and Lymnea natalensis Kraus (Gastropoda: Pulmonata)—the snail intermediate hosts of Schistosoma haematobium and Fasciola gigantica, respectively, in Southeastern Nigeria. Iheagwam EU, et al. **Beitr Trop Landwirtsch Veterinarmed** 1984;22(4):429–34

One small slip and its consequences. Pleydell M. **Br Med J [Clin Res]** 1984 Dec 22–29;289(6460):1729–30

The zoonotic potential of reservoirs of leishmaniasis in the Old World. Bray RS. **Ecol Dis** 19[illegible]1(4):257–67 (109 ref.)

A study on Phlebotomus argentip[illegible]nnandale and Brunetti; in Surat District, Gujarat Stat[illegible]ndia). Pandya AP. **Indian J Public Health** 1984 Jan–Mar;28(1):11–8

Maeleni joint disease in 1981—decreased prevalence rates, wider geographical location than before, and socioeconomic impact of an endemic osteoarthrosis in an underdeveloped community in South Africa. Yach D, et al. **Int J Epidemiol** 1985 Jun;14(2):276–84

Influence of the mechanism of transmission of the infective agent on the aetiological structure of leptospiral foci. Kiktenko VS. **J Hyg Epidemiol Microbiol Immunol** 1985; 29(1):77–82 (37 ref.)

Susceptibility of small mammals to nonvirulent spotted fever group rickettsiae. Norment BR, et al. **J Med Entomol** 1985 Mar 22;22(2):200–3

Kala-azar in Portugal. V. The sylvatic cycle in the enzootic endemic focus of Arrabida. Abranches P, et al. **J Trop Med Hyg** 1984 Oct;87(5):197–200

Babesiosis in Wisconsin. A new focus of disease transmission. Steketee RW, et al. **JAMA** 1985 May 10;253(18):2675–8

Isolation of Sporothrix schenckii from potting soil. Kenyon EM, et al. **Mycopathologia** 1984 Aug 30;87(1–2):128

Nosocomial Clostridium difficile reservoir in a neonatal intensive care unit. Zedd AJ, et al. **Pediatr Infect Dis** 1984 Sep–Oct;3(5):429–32

Migratory waterfowl as flying reservoirs of Yersinia species. Kawaoka Y, et al. **Res Vet Sci** 1984 Nov;37(3):266–8

Group R streptococci: wild boars as a second reservoir. Bonmarchand G, et al. **Scand J Infect Dis** 1985;17(1):121–2

Isolation and propagation of nephropathia epidemica virus in bank voles. Yanagihara R, et al. **Scand J Infect Dis** 1984; 16(3):225–8

Prostitutes are a major reservoir of sexually transmitted diseases in Nairobi, Kenya. D'Costa LJ, et al. **Sex Transm Dis** 1985 Apr–Jun;12(2):64–7

Study on Schistosoma sinensium in Fang district, Chiangmai province, Thailand. Baidikul V, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun; 15(2):141–7

Ecology of schistosomiasis in Indonesia with certain aspects of control. Sudomo M. **Southeast Asian J Trop Med Public Health** 1984 Dec; 15(4):471–4

Breeding point and larval association of anopheline mosquitoes of northwest Mindoro, Philippines. Wooster MT, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar;16(1):59–65

Leishmaniasis in Israel: reservoir hosts, sandfly vectors and leishmanial strains in the Negev, Central Arava and along the Dead Sea. Schlein Y, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):480–4

A realistic approach towards containment of the hepatitis B virus reservoir [editorial] **Trop Gastroenterol** 1984 Jul–Sep;5(3):111–2

Avian and mammalian hosts for spirochete-infected ticks and insects in a Lyme disease focus in Connecticut. Anderson JF, et al. **Yale J Biol Med** 1984 Jul–Aug;57(4):627–41

Prevalence of the Lyme disease spirochete in populations of white-tailed deer and white-footed mice. Bosler EM, et al. **Yale J Biol Med** 1984 Jul–Aug;57(4):651–9

The New Zealand white rabbit: an experimental host for infecting ticks with Lyme disease spirochetes. Burgdorfer W. **Yale J Biol Med** 1984 Jul–Aug;57(4):609–12

Geographic distribution of humans, raccoons, and white-footed mice with antibodies to Lyme disease spirochetes in Connecticut. Magnarelli LA, et al. **Yale J Biol Med** 1984 Jul–Aug;57(4):619–26

Bulinus tropicus from Central Kenya acting as a host for Schistosoma bovis. Southgate VR, et al. **Z Parasitenkd** 1985;71(1):61–9

[Relationship between hosts and hemorrhagic fever renal syndrome in Chang-an County, Shan-xi Province] Chai ZL. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Jun; 6(3):136–8 (Eng. Abstr.) **(Chi)**

[Main reservoirs of infection of the hemorrhagic fever renal syndrome in endemic areas of Anhui Province] Li CB. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Jun; 6(3):133–5 (Eng. Abstr.) **(Chi)**

[Epidemiological survey of enteritis caused by Campylobacter] Yan RF. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Apr; 6(2):82–4 (Eng. Abstr.) **(Chi)**

[Epidemiologic studies of enteritis caused by Campylobacter jejuni. IV. A study of the principal reservoir hosts] Zhang TC. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Feb; 6(1):26–8 (Eng. Abstr.) **(Chi)**

[Activities of a Schistosoma mansoni focus of transmission in Martinique (French Antilles)] Pointier JP, et al. **Ann Parasitol Hum Comp** 1984;59(6):589–95 (Eng. Abstr.) **(Fre)**

[Rickettsiosis and chlamydiosis in Hoggar (Republic of Algeria): epidemiological sampling] Dumas N. **Bull Soc Pathol Exot Filiales** 1984 May–Jun;77(3):278–83 (Eng. Abstr.) **(Fre)**

[Occurrence of Campylobacter jejuni in animals and its significance for the human] Weber A. **Tierarztl Prax** 1985; 13(2):151–7 (24 ref.) (Eng. Abstr.) **(Ger)**

[Isolation of Tahyna virus from mosquitoes in 2 different European natural foci] Pilaski J, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Mar; 180(4):394–420 (Eng. Abstr.) **(Ger)**

[Campylobacter jejuni, Yersinia enterocolitica and Listeria monocytogenes in dogs from municipal kennels in Rome] De Carolis A, et al. **Nuovi Ann Ig Microbiol** 1984 May–Jun; 35(3):189–99 (Eng. Abstr.) **(Ita)**

[Endemic tuberculosis in the Cluj District 1980–1983] Moisescu V. **Rev Ig [Pneumoftiziol]** 1985 Jan–Mar; 34(1):17–30 (Eng. Abstr.) **(Rum)**

[Development of views on the natural focal nature of diseases and the current problems with this concept] Sokolov VE, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Jul–Aug;(4):485–95 (Eng. Abstr.) **(Rus)**

[The status of diphyllobothriasis in various northern regions of the European area of the RSFSR in relation to the planned redistribution of water reservoirs] Artamoshin AS, et al. **Med Parazitol (Mosk)** 1985 Mar–Apr;(2):29–32 (Eng. Abstr.) **(Rus)**

[Sensitivity of sandflies (Diptera, Psychodidae, Phlebotominae) to DDT in a focus of visceral leishmaniasis in the Azerbaijan SSR] Artem'ev MM, et al. **Med Parazitol (Mosk)** 1984 Nov–Dec;(6):72–4 (Eng. Abstr.) **(Rus)**

[Distribution of Bithynia inflata molluscs and their infestation with larval trematode forms in opisthorchiasis foci on the left-bank tributaries of the Dnieper] Beér SA, et al. **Med Parazitol (Mosk)** 1984 Nov–Dec;(6):18–22 (Eng. Abstr.) **(Rus)**

[Fleas in human housing in natural plague foci of the Aral Sea region] Burdelov LA, et al. **Med Parazitol (Mosk)** 1985 May–Jun;(3):68–70 (Eng. Abstr.) **(Rus)**

[The lake frog (Rana ridibunda)—one of the food hosts of blood-sucking mosquitoes in Tadzhikistan—a reservoir of the West Nile fever virus] Kostiukov MA, et al. **Med Parazitol (Mosk)** 1985 May–Jun;(3):49–50 (Eng. Abstr.) **(Rus)**

[Possible formation of foci of multilocular echinococcosis (alveolar hydatid disease) in the settlements of Yakutia] Martynenko VB, et al. **Med Parazitol (Mosk)** 1984 Nov–Dec;(6):25–7 (Eng. Abstr.) **(Rus)**

[Importance of the theory of natural foci in parasitic and infectious diseases in Georgia] Maruashvili GM. **Med Parazitol (Mosk)** 1984 Jul–Aug;(4):34–6 (23 ref.) **(Rus)**

[Epizootiology and natural foci of zoonotic cutaneous leishmaniasis at the Tedzhen Oasis] Ponirovskiĭ EN, et al. **Med Parazitol (Mosk)** 1984 Nov–Dec;(6):13–8 (Eng. Abstr.) **(Rus)**

[Repeated examination by the indirect hemagglutination reaction of the population in an alveolar hydatid disease focus as a method of assessing the epidemiological situation] Shakarov AG, et al. **Med Parazitol (Mosk)** 1984 Nov–Dec; (6):22–5 (Eng. Abstr.) **(Rus)**

[Problems in the epidemiological prognosis of natural-focus infections] Vereta LA. **Med Parazitol (Mosk)** 1984 Sep–Oct;(5):84–7 **(Rus)**

[Natural-focus infections in urbanized landscapes] Dalter AB. **Parazitologiia** 1985 May–Jun;19(3):169–76 (Eng. Abstr.) **(Rus)**

[Use of highly sensitive methods of detecting hepatitis B virus markers for studying epidemic foci of hepatitis B] Mukomolov SL, et al. **Vopr Virusol** 1985 Jan–Feb; 30(1):71–5 (Eng. Abstr.) **(Rus)**

[Reservoirs of the causative agent of hemorrhagic fever with renal syndrome in Maritime Territory foci] Slonova RA, et al. **Vopr Virusol** 1985 Mar–Apr;30(2):189–92 (Eng. Abstr.) **(Rus)**

[Immunological structure of the population following the extermination of ticks in a natural focus of tick-borne encephalitis] Vorontsova TA. **Vopr Virusol** 1985 Mar–Apr; 30(2):186–9 (Eng. Abstr.) **(Rus)**

[Typological classification of the natural foci and the structure of the world-wide geographic range of natural rabies] Cherkasskiĭ BL. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):16–21 (6 ref.) **(Rus)**

[Comparative evaluation of the effectiveness of 2 methods of immunoglobulin prophylaxis of hepatitis A in areas with high morbidity in this infection] Gorbunov MA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Aug;(8):101–4 (Eng. Abstr.) **(Rus)**

[Rise in the epizootic activity of a natural focus of steppe-type tularemia in Stavropol Territory and its epidemic consequences] Nekrasov AA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):88–92 (Eng. Abstr.) **(Rus)**

[New developments in the study of natural tularemia foci in the USSR] Olsuf'ev NG. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec;(12):3–9 (50 ref.) **(Rus)**

[Hepatitis A foci in children's collectives studied by using clinico-biochemical, virological and serological diagnostic methods] Shakhgil'dian IV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Mar;(3):56–61 (Eng. Abstr.) **(Rus)**

[Focal nature of tularemia along the course of the Irtysh-Karaganda Canal] Tursunov AN, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):102–4 (Eng. Abstr.) **(Rus)**

[Bases for predicting epizootics among rodents in a natural plague focus] Dubianskiĭ MA, et al. **Zh Obshch Biol** 1984 Jul–Aug;45(4):485–90 (Eng. Abstr.) **(Rus)**

[Epidemiological study of trichinosis in a rural community in Chile] Núñez F, et al. **Bol Chil Parasitol** 1984 Jan–Jun; 39(1–2):13–5 (Eng. Abstr.) **(Spa)**

[Didelphis marsupialis: principal reservoir of Leishmania spp. in the city of Trujillo, Venezuela] Scorza JV, et al. **Rev Cubana Med Trop** 1984 May–Aug;36(2):194–200 (Eng. Abstr.) **(Spa)**

[Wild (feral) dogs as an important epidemiological factor] Saiz Moreno L. **Rev Sanid Hig Publica (Madr)** 1984 May–Jun;58(5–6):535–42 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Localization of gonococci in the anterior oral cavity—a possible reservoir of the gonococcal infection? Tikjøb G, et al. **Ann Clin Res** 1985;17(2):73–5

VETERINARY

Susceptibility and reservoir potential of the dog to spotted fever-group rickettsiae. Norment BR, et al. **Am J Vet Res** 1984 Sep;45(9):1706–10

Evaluation of jackrabbits as nonruminant hosts for Anaplasma marginale. Zaugg JL, et al. **Am J Vet Res** 1985 Mar;46(3):669–70

Isolation of avian paramyxoviruses from sentinel ducks and turkeys in Minnesota. Kelleher CJ, et al. **Avian Dis** 1985

Apr–Jun;29(2):400–7

The possible role of slugs (Agriolimax spp.) in the transmission of infective larvae of Cooperia oncophora. Grønvold J, et al. **J Helminthol** 1984 Sep;58(3):239–40

The prevalence of Campylobacter jejuni in random-source cats used in biomedical research [letter] Fox JG, et al. **J Infect Dis** 1985 Apr;151(4):743–4

Prevalence and distribution of Elaeophora schneideri Wehr and Dikmans, 1935 in mule deer in Utah. Pederson JC, et al. **J Wildl Dis** 1985 Jan;21(1):66–7

Reservoirs of Giardia spp. in southwestern Alberta. Wallis PM, et al. **J Wildl Dis** 1984 Oct;20(4):279–83

Natural hosts of Leishmania mexicana amazonensis Lainson and Shaw, 1972 (Kinetoplastida: Trypanosomatidae) in French Guiana. Dedet JP, et al.
Trans R Soc Trop Med Hyg 1985;79(3):302–5

Leishmania isolated from wild mammals caught in endemic areas of leishmaniasis in Ecuador. Hashiguchi Y, et al.
Trans R Soc Trop Med Hyg 1985;79(1):120–1

[Study of the focus of visceral leishmaniasis in southeastern Turkmenistan during its activation] Ponirovskii EN, et al. **Med Parazitol (Mosk)** 1985 Mar–Apr;(2):57–64 (Eng. Abstr.) (Rus)

DISEASE RESISTANCE see IMMUNITY, NATURAL

DISEASE SUSCEPTIBILITY

see related
HEMORRHAGIC DIATHESIS

HLA-associated diseases: a new method for performing linkage analysis with other markers than HLA. Clerget-Darpoux F, et al. **Am J Hum Genet** 1984 Sep;36(5):1075–81

The role of lung development in the age-related susceptibility of ferrets to influenza virus. Coates DM, et al.
Br J Exp Pathol 1984 Oct;65(5):543–7

The social context of workplace screening. Murray TH.
Hastings Cent Rep 1984 Oct;14(5):21–3

Alleged susceptibility of the elderly to infection. Beeson PB.
Yale J Biol Med 1985 Mar–Apr;58(2):71–7

[The nutritional immunodeficiency syndrome]
Cuisinier-Raynal JC, et al. **Med Trop (Mars)** 1985 Apr–Jun;45(2):135–43 (Eng. Abstr.) (Fre)

[The search for new risk factors in epidemiology. A few considerations] Lellouch J.
Rev Epidemiol Sante Publique 1984;32(3–4):167–71 (Eng. Abstr.) (Fre)

[Antimycotic chemotherapy in weakened resistance] Wegmann T. **Immun Infekt** 1984 Aug;12(4):181–5 (Eng. Abstr.) (Ger)

ETIOLOGY

The role of susceptibility bias in epidemiologic research. Horwitz RI, et al. **Arch Intern Med** 1985 May;145(5):909–12

[Hereditary predisposition to diseases, diatheses and borderline states in children] Vel'tishchev IuE.
Pediatriia 1984 Dec;(12):3–9 (Rus)

FAMILIAL & GENETIC

Understanding genetic and environmental risk factors in susceptible persons. Williams RR. **West J Med** 1984 Dec;141(6):799–806

VETERINARY

Genetic basis for species vulnerability in the cheetah. O'Brien SJ, et al. **Science** 1985 Mar 22;227(4693):1428–34

DISEASE VECTORS

Studies on the ecology of Bulinus globosus, the intermediate host of Schistosoma haematobium in the Ifakara area, Tanzania. Marti HP, et al. **Acta Trop (Basel)** 1985 Jun;42(2):171–87

Urban transmission of urinary schistosomiasis in Dar es Salaam, Tanzania. Sarda RK, et al. **Acta Trop (Basel)** 1985 Mar;42(1):71–8

Vector control of snail-mediated human trematode infections. Dazo BC. **Arzneimittelforsch** 1984;34(9B):1234–6

The occurrence of the snail Lymnaea columella on grazing areas in New South Wales and studies on its susceptibility to Fasciola hepatica. Boray JC, et al. **Aust Vet J** 1985 Jan;62(1):4–6

Filarial diseases in Ceylon: a geographic and historical analysis. Schweinfurth U. **Ecol Dis** 1983;2(4):309–19

Bulinus tropicus, a natural intermediate host for Schistosoma margrebowiei in Lochinvar National Park, Zambia. Southgate VR, et al. **J Helminthol** 1985 Jun;59(2):153–5

Reservoir animals for nephropathia epidemica in Norway: indications of a major role for the bank vole (C. glareolus) in comparison with the woodmouse (A. sylvaticus). Sommer AI, et al. **J Hyg (Lond)** 1985 Feb;94(1):123–7

The application of a quantitative approach to the assessment of the relative importance of vector and soil transmitted diseases in Ghana. Morrow RH Jr. **Soc Sci Med** 1984;19(10):1039–49

Cytogenetic studies of some species complexes of Anopheles in Thailand and Southeast Asia. Baimai V, et al.
Southeast Asian J Trop Med Public Health 1984 Dec;15(4):536–46

Population studies on Oncomelania quadrasi in the field. Makiya K, et al.
Southeast Asian J Trop Med Public Health 1984 Dec;15(4):526–9

Schistosomiasis transmission dynamics and control in Southeast Asia. Upatham ES.
Southeast Asian J Trop Med Public Health 1984 Dec;15(4):452–61

Bulinus wrighti, potential snail host for Schistosoma haematobium in northern Oman [letter] Brown DS, et al.
Trans R Soc Trop Med Hyg 1985;79(1):136–7

Epidemiology of hydatid disease in Kenya: a study of the domestic intermediate hosts in Masailand. Macpherson CN.
Trans R Soc Trop Med Hyg 1985;79(2):209–17

Arthropod-borne and rodent-borne viral diseases. Report of a WHO Scientific Group. **WHO Tech Rep Ser** 1985;719:1–116

[The spreading of Oncomelania snails due to shrimp-catching during the ebb-tide of lakewater in Yueyang City] Li SK.
Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih 1984;2(3):157 (Chi)

[Distribution of local Oncomelania snail infestation without aboriginal human schistosomiasis] He SY.
Chung Hua Liu Hsing Ping Hsueh Tsa Chih 1984 Aug;5(4):219–22 (Eng. Abstr.) (Chi)

[The infection of Angiostrongylus cantonensis in definitive and intermediate hosts in Guangzhou 1979–1982] Liang HK. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug;5(4):245–8 (Eng. Abstr.) (Chi)

[Natural foci of hemorrhagic fever with renal syndrome in Jiangsu Province] Liu GZ.
Chung Hua Liu Hsing Ping Hsueh Tsa Chih 1984 Dec;5(6):335–8 (Eng. Abstr.) (Chi)

[Transmission of Japanese B encephalitis in Taoyuan County] Zhong ZH.
Chung Hua Liu Hsing Ping Hsueh Tsa Chih 1984 Dec;5(6):342–4 (Eng. Abstr.) (Chi)

[Domestic rat-borne hemorrhagic fever with renal syndrome] **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 May;18(3):140–2 (Eng. Abstr.) (Chi)

[Natural hosts of Trypanosoma cruzi in French Guiana. High endemicity of zymodeme 1 in wild marsupials] Dedet JP, et al. **Ann Parasitol Hum Comp** 1985;60(2):111–7 (Eng. Abstr.) (Fre)

[Rickettsiosis and chlamydiosis in Hoggar (Republic of Algeria): epidemiological sampling] Dumas N.
Bull Soc Pathol Exot Filiales 1984 May–Jun;77(3):278–83 (Eng. Abstr.) (Fre)

[Interrelation between invertebrates and tickborne encephalitis virus. Discussion. 4. Amphibians and reptiles] Gutova VP, et al. **Med Parazitol (Mosk)** 1985 Jan–Feb;(1):44–6 (Eng. Abstr.) (Rus)

[Factors determining the infectivity of the vectors of the causative agent of zoonotic cutaneous leishmaniasis and the possibility of computed prognosis of this index] Lapin VA, et al. **Med Parazitol (Mosk)** 1985 May–Jun;(3):24–31 (Eng. Abstr.) (Rus)

[Development of the trypanosomes (Trypanosoma) and cryptobians (Cryptobia) of carp and tench in the leech Piscicola geometra] Khaibulaev KKh, et al.
Parazitologiia 1985 Jan–Feb;19(1):75–7 (Eng. Abstr.) (Rus)

[Level of parasitic contact in colonies of the little suslik in the semideserts of western Kazakhstan] Shevchenko GV, et al. **Parazitologiia** 1984 Nov–Dec;18(6):459–63 (Eng. Abstr.) (Rus)

[Monkeys as a source of human viral diseases] Pille ER.
Vopr Virusol 1985 Mar–Apr;30(2):138–44 (48 ref.) (Rus)

[Reservoirs of the causative agent of hemorrhagic fever with renal syndrome in Maritime Territory foci] Slonova RA, et al. **Vopr Virusol** 1985 Mar–Apr;30(2):189–92 (Eng. Abstr.) (Rus)

[Animal carriers of Shigella and their possible epidemiological importance] Priamukhina NS, et al.
Zh Mikrobiol Epidemiol Immunobiol 1984 Nov;(11):20–4 (50 ref.) (Rus)

[Wild (feral) dogs as an important epidemiological factor] Saiz Moreno L. **Rev Sanid Hig Publica (Madr)** 1984 May–Jun;58(5–6):535–42 (Eng. Abstr.) (Spa)

CLASSIFICATION

Taxonomy and susceptibilities of molluscan intermediate hosts of human Schistosoma in Southeast Asia. Kitikoon V. **Southeast Asian J Trop Med Public Health** 1984 Dec;15(4):462–8

DISEASES IN TWINS

Atopic dermatitis in a population based twin series. Concordance rates and heritability estimation. Schultz Larsen FV, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:159

Twin studies of coronary heart disease and its risk factors. Berg K. **Acta Genet Med Gemellol (Roma)** 1984;33(3):349–61

Cancer and senescence: is there a biological link? Burch PR.
Acta Genet Med Gemellol (Roma) 1984;33(3):457–65

Genetic variance and heritability of cardiovascular risk factors in Chinese adolescent twins. Chen CJ, et al.
Acta Genet Med Gemellol (Roma) 1984;33(3):363–73

Environmental effects on cardiovascular risk factors in Chinese adolescent monozygotic twins. Chen CJ, et al.
Acta Genet Med Gemellol (Roma) 1984;33(3):375–81

Effects of gene-environment interactions on cardiovascular risk factors in Chinese adolescent twins. Chen CJ, et al.
Acta Genet Med Gemellol (Roma) 1984;33(3):383–95

Twin studies of disease heritability based on medical records: application to acne vulgaris. Friedman GD.
Acta Genet Med Gemellol (Roma) 1984;33(3):487–95

Heredity and infectious diseases: a twin study. Gedda L, et al. **Acta Genet Med Gemellol (Roma)** 1984;33(3):497–500

Miscellaneous clinical case reports in twins. Gedda L, et al.
Acta Genet Med Gemellol (Roma) 1984;33(3):505–8

Chronogenetics: a meeting point for medicine and twin research. Gedda L. **Acta Genet Med Gemellol (Roma)** 1984;33(3):343–7

Proband concordance vs. casewise concordance. Hrubec Z.
Acta Genet Med Gemellol (Roma) 1984;33(4):579–83

Discordance for skeletal and cardiac defect in monozygotic twins. Stoll C, et al. **Acta Genet Med Gemellol (Roma)** 1984;33(3):501–4

Intra-uterine diagnosis of an acardiac monster. Rydnert J, et al. **Acta Obstet Gynecol Scand** 1984;63(6):569–70

Sinusoidal fetal heart rate pattern. An indicator of fetal anemia in iso-immunization. Sigurd J, et al.
Acta Obstet Gynecol Scand 1984;63(5):463–6

Wolman disease in twins. Marosvári I.
Acta Paediatr Hung 1985;26(1):61–4

Synchronous Hodgkin's disease in monozygotic twins. Shibuya H, et al. **Acta Radiol [Oncol]** 1984;23(6):425–8

Folic acid blinded trial in identical twins with fragile X syndrome. Rosenblatt DS, et al. **Am J Hum Genet** 1985 May;37(3):543–52

Androgen receptor abnormalities in identical twins with oligospermia. Clinical and biochemical studies. Smallridge RC, et al. **Am J Med** 1984 Dec;77(6):1049–54

Discordant amniotic band sequence in monozygotic twins. Donnenfeld AE, et al. **Am J Med Genet** 1985 Apr;20(4):685–94

Prospective management of exstrophy of the cloaca and myelocystocele following prenatal ultrasound recognition of neural tube defects in identical twins. McLaughlin JF, et al. **Am J Med Genet** 1984 Dec;19(4):721–7

Bilateral renal agenesis in twins. Wilson RD, et al.
Am J Med Genet 1985 May;21(1):147–52, 167–9

Alloimmunization in twin pregnancies. Bowman JM.
Am J Obstet Gynecol 1985 Sep 1;153(1):7–13

Twin pregnancy with intrauterine death of one twin. Enbom JA. **Am J Obstet Gynecol** 1985 Jun 15;152(4):424–9

Use of indigo carmine for twin amniocentesis and its effect on bilirubin analysis. Horger EO 3d, et al.
Am J Obstet Gynecol 1984 Dec 1;150(7):858–60

Thoracoabdominal duplication. Giacoia GP.
Am J Perinatol 1984 Jul;1(4):349–50

Symptoms and the genetics of schizophrenia: implications for diagnosis. Dworkin RH, et al. **Am J Psychiatry** 1984 Dec;141(12):1541–6

Genetics of schizophrenia and the positive-negative dimension [letter] Kay SR, et al. **Am J Psychiatry** 1985 Aug;142(8):994–6

Concordance for the syndrome of autism in 40 pairs of afflicted twins. Ritvo ER, et al. **Am J Psychiatry** 1985 Jan;142(1):74–7

Age-related variation of respiratory chemosensitivity in monozygotic twins. Kawakami Y, et al.
Am Rev Respir Dis 1985 Jul;132(1):89–92

Dystonia in 61-year-old identical twins: observations over 45 years. Eldridge R, et al. **Ann Neurol** 1984 Sep;16(3):356–8

Family and twin studies in multiple sclerosis. McFarland HF, et al. **Ann NY Acad Sci** 1984;436:118–24 (14 ref.)

Evidence against HLA and immunological dependence of disease outbreak in SLE. Immunological characterization of identical twins clinically discordant for SLE. Soppi E, et al. **Ann Rheum Dis** 1985 Jan;44(1):45–9

'Twin' psoriasis in monozygotic twins [letter] Pisani M, et al. **Arch Dermatol** 1984 Nov;120(11):1418–9

Vascular basis for malformations in a twin. David TJ.
Arch Dis Child 1985 Feb;60(2):166–7

A twin study of Tourette syndrome. Price RA, et al.
Arch Gen Psychiatry 1985 Aug;42(8):815–20

Adjustment of twin data for the effects of age and sex. McGue M, et al. **Behav Genet** 1984 Jul;14(4):325–43

Asthma and allergic aspergillosis in monozygotic twins. Starke ID. **Br J Dis Chest** 1985 Jul;79(3):295–300

The twin situation and its effects on syntax and interactional language over time. Haden R, et al.
Br J Disord Commun 1985 Apr;20(1):19–29

Graft rejection after syngeneic bone marrow transplantation for aplastic anaemia: significance of coculture studies. Frickhofen N, et al. **Br J Haematol** 1985 Jan;59(1):183–5

Multiple myeloma in a pair of monozygotic twins: the first reported case. Judson IR, et al. **Br J Haematol** 1985 Jul;60(3):551–4

Thumb sucking habit and associated dental differences in one of monozygous twins [letter] Becker A. **Br J Orthod** 1985 Jul;12(3):164

Thumb sucking habit and associated dental differences in one of monozygous twins. Willmot DR. **Br J Orthod** 1984 Oct;11(4):195–9

Anorexia nervosa: a study of 34 twin pairs and one set of triplets. Holland AJ, et al. **Br J Psychiatry** 1984 Oct;145:414–9

Hereditary differentiation of anxiety and affective neuroses

Torgersen S. **Br J Psychiatry** 1985 May;146:530–4

Torsion of the testicle in homozygous twins. Lisk CH, et al. **Br J Urol** 1984 Oct;56(5):544–5

Height at diagnosis of diabetes in children: a study in identical twins. Hoskins PJ, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):278–80

Clinico-genetic study of so-called borderline case. Chihara S, et al. **Bull Osaka Med Sch** 1983 Oct;29(2):106–20

Arrest of neuropathy and myopathy in abetalipoproteinemia with high-dose vitamin E therapy. Hegele RA, et al. **Can Med Assoc J** 1985 Jan 1;132(1):41–4

Hereditary ovarian carcinoma. Biomarker studies. Lynch HT, et al. **Cancer** 1985 Jan 15;55(2):410–5

Sialic acid-deficient serum and cerebrospinal fluid transferrin in a newly recognized genetic syndrome. Jaeken J, et al. **Clin Chim Acta** 1984 Dec 29;144(2–3):245–7

Functional deficiency of complement factor D in a monozygous twin. Kluin-Nelemans HC, et al. **Clin Exp Immunol** 1984 Dec;58(3):724–30

Identical twins discordant for S.L.E. Fitzgerald A, et al. **Clin Exp Rheumatol** 1983 Jan–Mar;1(1):73–4

An analysis of contrast sensitivity in identical twins with keratoconus. Zadnik K, et al. **Cornea** 1984;3(2):99–103

Prediction of reading disability in twin boys. Johnston C, et al. **Dev Med Child Neurol** 1984 Oct;26(5):588–95

Vertebral anomalies in monozygotic twins. van den Bos RW, et al. **Diagn Imag Clin Med** 1984;53(5):259–61

Sigmoid diverticulitis in identical twins. Frieden JH, et al. **Dig Dis Sci** 1985 Feb;30(2):182–3

Thyroid dysgenesis in monozygotic twins: variants identified by scintigraphy. McLean R, et al. **Eur J Nucl Med** 1985; 10(7–8):346–8

Fatal ECHO virus 11 infection in one of newborn twins. Nawab RA. **Indian J Pathol Microbiol** 1984 Jan;27(1):19–26

Duchenne's muscular dystrophy in monozygotic twins. Radhakrishnan K, et al. **Indian J Pediatr** 1984 Mar–Apr; 51(409):251–3

Prenatal diagnosis of twins with anencephaly with gray scale ultrasound [letter] Chandra M, et al. **Indian Pediatr** 1985 Mar;22(3):249–50

Twinning and structural defects. Shah SB, et al. **Indian Pediatr** 1984 Jun;21(6):475–8

Carcinoma of the breast. Identical twins differing in time of onset and severity implicate non-genetic factors influencing clinical course. Joishy SK, et al. **Indiana Med** 1985 Jul;78(7):596–9

Group B beta haemolytic disease in preterm twins associated with the ingestion of infected breast milk—a case report. O'Donovan P, et al. **Ir J Med Sci** 1985 Apr;154(4):158–9

Formal thought disorder in schizophrenics and their twins. Berenbaum H, et al. **J Abnorm Psychol** 1985 Feb;94(1):3–16

A twin study of genetic influences on behavioral deviance. Graham P, et al. **J Am Acad Child Psychiatry** 1985 Jan; 24(1):33–41

Vitiligo and melanoma: can genetically abnormal melanocytes result in both vitiligo and melanoma within a single family? Lerner AB, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):696–701

Pemphigus vulgaris in only one of two monozygotic twins [letter] Ruocco V, et al. **J Am Acad Dermatol** 1985 Mar; 12(3):587–9

Presumed Alzheimer's disease beginning at different ages in two twins. Embry C, et al. **J Am Geriatr Soc** 1985 Jan; 33(1):61–2

Sib risk and the dizygotic twin concordance rate for multiple sclerosis. James WH. **J Epidemiol Community Health** 1985 Mar;39(1):39–43

Measles-specific T cell clones derived from a twin with multiple sclerosis: genetic restriction studies. Richert JR, et al. **J Immunol** 1985 Mar;134(3):1561–6

Fraser syndrome presenting as monozygotic twins with bilateral renal agenesis. Mortimer G, et al. **J Med Genet** 1985 Feb;22(1):76–8

Frequency and replication status of the fragile X, fra(X)(q27–28), in a pair of monozygotic twins of markedly differing intelligence. Tuckerman E, et al. **J Med Genet** 1985 Apr;22(2):85–91

Valproate-induced hyperammonaemia in two epileptic identical twins. Campostrini R, et al. **J Neurol** 1985; 232(3):167–8

Amniotic band sequence associated with ectopia cordis in one twin. Bieber FR, et al. **J Pediatr** 1984 Nov;105(5):817–9

Discordance for biliary atresia in two sets of monozygotic twins. Hyams JS, et al. **J Pediatr** 1985 Sep;107(3):420–2

Monozygotic siblings discordant for neuroblastoma: etiologic implications. Kushner BH, et al. **J Pediatr** 1985 Sep; 107(3):405–9

Berger disease: Henoch-Schönlein syndrome without the rash. Meadow SR, et al. **J Pediatr** 1985 Jan;106(1):27–32

Biliary atresia in two sets of twins. Strickland AD, et al. **J Pediatr** 1985 Sep;107(3):418–20

Lymphoid polyps of the rectum. McNicholas T, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):297–302

Cognitive and personality differences between identical twins following skull fractures. Lyons MJ, et al. **J Pediatr Psychol** 1984 Dec;9(4):485–94

Life change and onset of cancer in identical twins. Smith CK, et al. **J Psychosom Res** 1984;28(6):525–32

Acne fulminans associated with arthritis in monozygotic twins [letter] Gonzalez T, et al. **J Rheumatol** 1985 Apr; 12(2):389–91

The onset of disease in twins and siblings with systemic lupus erythematosus. Kaplan D. **J Rheumatol** 1984 Oct; 11(5):548–52

Computers in paediatrics: 13. Computer programme to calculate heritability and its standard error from family or twin studies. Tay JS, et al. **J Singapore Paediatr Soc** 1985; 27(1–2):89–92

Drinking behavior in the Colorado adoptee and twin sample. Gabrielli WF Jr, et al. **J Stud Alcohol** 1985 Jan;46(1):24–31

The in utero findings in twin pentalogy of Cantrell. Baker ME, et al. **J Ultrasound Med** 1984 Nov;3(11):525–7

Antenatal diagnosis of ipsilateral multicystic kidney in identical twins. Filion R, et al. **J Ultrasound Med** 1985 Apr;4(4):211–2

In utero diagnosis of crossed renal ectopia using high-resolution real-time ultrasound. Greenblatt AM, et al. **J Ultrasound Med** 1985 Feb;4(2):105–7

Prenatal ultrasonographic diagnosis of a sacrococcygeal teratoma in twin pregnancy. Sherowsky RC, et al. **J Ultrasound Med** 1985 Mar;4(3):159–61

Familial functional anorchism: a review of etiology and management. Connors MH, et al. **J Urol** 1985 Jun; 133(6):1049–51

Horseshoe kidney in one of identical twin girls. Kalra D, et al. **J Urol** 1985 Jul;134(1):113

Testicular germ cell tumors in monozygotic twins: case report and review of the literature. Martin WM, et al. **J Urol** 1985 Oct;134(4):765–7

Spontaneous intrauterine remission of hydrops fetalis in one identical twin: sonographic diagnosis. Shapiro I, et al. **JCU** 1985 Jul–Aug;13(6):427–30

Monozygotic twins with alpha 1-antitrypsin deficiency [letter] Kennedy M, et al. **Lancet** 1985 Mar 2;1(8427):527–8

Chorion biopsy, cytogenetic diagnosis, and selective termination in a twin pregnancy at risk of haemophilia [letter] Mulcahy MT, et al. **Lancet** 1984 Oct 13; 2(8407):866–7

Prenatal X-ray exposure and childhood cancer in twins [letter] **N Engl J Med** 1985 Jun 13;312(24):1574–5

Prenatal x-ray exposure and childhood cancer in twins. Harvey EB, et al. **N Engl J Med** 1985 Feb 28;312(9):541–5

Prenatal x-ray exposure and twins [editorial] MacMahon B. **N Engl J Med** 1985 Feb 28;312(9):576–7

Studies of kidney and muscle biopsy specimens from identical twins discordant for type I diabetes mellitus. Steffes MW, et al. **N Engl J Med** 1985 May 16;312(20):1282–7

Intrauterine twin demise and oligomeganephronia. Weir MR, et al. **Nephron** 1985;40(4):482–4

Parkinson's disease: intrauterine influence in twins? [letter] Duvoisin RC. **Neurology** 1985 May;35(5):774–5

Paternal preponderance in familial Parkinson's disease [letter] Campanella G, et al. **Neurology (NY)** 1984 Oct; 34(10):1398–400

The low concordance rate for Parkinson's disease in twins: a possible explanation. Eldridge R, et al. **Neurology (NY)** 1984 Oct;34(10):1354–6

Differences in ontogeny, premorbid personality, and severity of schizophrenia in twins. Moskalenko VD. **Neurosci Behav Physiol** 1984 Nov–Dec;14(6):444–8

Growth discordancy in twin pregnancies: a risk factor not detected by measurements of biparietal diameter. Erkkola R, et al. **Obstet Gynecol** 1985 Aug;66(2):203–6

Intrauterine transfusion in an Rh-immunized twin pregnancy: a case report of successful outcome and a review of the literature. Manning FA, et al. **Obstet Gynecol** 1985 Mar; 65(3 Suppl):2S–6S

Nonimmune hydrops fetalis in association with hemangioma of the umbilical cord. Seifer DB, et al. **Obstet Gynecol** 1985 Aug;66(2):283–6

Familial occurrence of mature ovarian teratomas. Simon A, et al. **Obstet Gynecol** 1985 Aug;66(2):278–9

Benign neonatal eruptive hemangiomatosis in identical twins. Ronan SG, et al. **Pediatr Dermatol** 1984 Apr;1(4):318–21

Transfusion-associated acquired immunodeficiency syndrome in a twin infant. Cox F, et al. **Pediatr Infect Dis** 1985 Jan–Feb;4(1):106–8

Sonographic appearance of cytomegalovirus nephritis in a neonate. Cramer BC, et al. **Pediatr Radiol** 1985;15(1):56–7

Aicardi syndrome in one dizygotic twin. Constad WH, et al. **Pediatrics** 1985 Sep;76(3):450–3

Twin transfusion syndrome causing cutaneous erythropoiesis. Schwartz JL, et al. **Pediatrics** 1984 Oct;74(4):527–9

The significance of genetic factors in psychiatric disorders. Guze SB. **Prog Clin Biol Res** 1985;177:449–59

Genetic aspects of alcoholism. Guze SB. **Prog Clin Biol Res** 1985;177:479–87 (18 ref.)

Progress in understanding the genetics of diabetes mellitus. Rimoin DL, et al. **Prog Clin Biol Res** 1985;177:393–412 (74 ref.)

Searching for the split in schizophrenia: a twin study perspective. Farmer AE, et al. **Psychiatry Res** 1984 Oct; 13(2):109–18

A psychoanalytic study of nonidentical twins. The impact of hemophilia on the personality development of the affected child and his healthy twin. Lament C, et al. **Psychoanal Study Child** 1984;39:331–70

The role of genetics in the expression of alcoholism. Overview. Goodwin DW. **Recent Dev Alcohol** 1983;1:3–8

Twin and adoption studies. How good is the evidence for a genetic role? Murray RM, et al. **Recent Dev Alcohol** 1983; 1:25–48 (44 ref.)

Triplicated alpha-globin gene loci in a Chinese family. Zhang JW, et al. **Sci Sin [B]** 1985 Jun;28(6):626–31

A ten-year study of twins in Toa Payoh Hospital 1973–1982. Ho NK. **Singapore Med J** 1985 Feb;26(1):73–81

Monozygotic twin aborted fetuses discordant for holoprosencephaly/synotia. Machin GA, et al. **Teratology** 1985 Apr;31(2):203–15

Cerebral dysraphia (future anencephaly) in a human twin embryo at stage 13. Müller F, et al. **Teratology** 1984 Oct; 30(2):167–77

Muscle abnormalities associated with the twin reversed-arterial-perfusion (TRAP) sequence (acardia). Stephens TD. **Teratology** 1984 Dec;30(3):311–8

Twin-to-twin pancreas transplantation: reversal and reenactment of the pathogenesis of type I diabetes. Sutherland DE, et al. **Trans Assoc Am Physicians** 1984; 97:80–7

Wilson's disease in one identical twin and treatment by triethylene tetramine 2HCl in another case. Watson RG. **Ulster Med J** 1983;52(1):48–53

Bilateral ureteropelvic junction obstructions in newborn identical twins. Sidebottom RA, et al. **Urology** 1984 Oct; 24(4):379–81

[Genetics of retinoblastoma in twins] Guo BK. **Chung Hua Yen Ko Tsa Chih** 1984 Jul;20(4):193–6 (Chi)

[Symptomatic liver porphyria with a familial incidence] Kaláb M, et al. **Cas Lek Cesk** 1985 Jun 7;124(23):715–20 (Eng. Abstr.) (Cze)

[Bleeding Meckel's diverticulum in twins] Eike AM, et al. **Ugeskr Laeger** 1984 Dec 31;147(1):31 (Eng. Abstr.) (Dan)

[Monozygotic twins with Williams-Beuren or 'elfen-face' syndrome] Oorthuys JW. **Tijdschr Kindergeneeskd** 1984 Oct;52(5):197–200 (Eng. Abstr.) (Dut)

[Hepato-erythrocytic porphyria in 2 female twins] Sfar Z, et al. **Ann Dermatol Venereol** 1985;112(5):453–6 (Fre)

[Congenital cytomegalovirus infection in dizygotic twins (letter)] Agius G, et al. **Arch Fr Pediatr** 1985 Jan;42(1):63–4 (Fre)

[Pulmonary hypoplasia. Apropos of a case in twins] Maréchal M, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984; 13(8):897–902 (Eng. Abstr.) (Fre)

[In utero death of one twin and cerebral complications in the surviving twin] Choulot JJ, et al. **Presse Med** 1985 May 11;14(19):1077–80 (Eng. Abstr.) (Fre)

[Monozygotic twins with a minimal cerebral dysfunction syndrome] Debray-Ritzen P, et al. **Rev Neurol (Paris)** 1984; 140(10):598–600 (Eng. Abstr.) (Fre)

[Congenital structural defects in twins: diversity, etiology and genetic counseling] Schinzel A. **Schweiz Rundsch Med Prax** 1985 Apr 2;74(14):351–7 (17 ref.) (Eng. Abstr.) (Fre)

[Mitral valve prolapse in 2 twin homozygote sisters] S'Jongers J, et al. **Union Med Can** 1985 Jul;114(7):597–600 (Eng. Abstr.) (Fre)

[Placental villous stem vessel occlusions. Studies of a twin placenta retained in utero following selective sectio parva] Bassermann R, et al. **Geburtshilfe Frauenheilkd** 1984 Sep; 44(9):566–9 (Eng. Abstr.) (Ger)

[Selective removal of one twin with trisomy 21 by sectio parva in the 23rd week of pregnancy and later spontaneous birth of the healthy twin] Berg D, et al. **Geburtshilfe Frauenheilkd** 1984 Sep;44(9):563–5 (Eng. Abstr.) (Ger)

[Twin pregnancy with severe skull malformation of one twin] Leucht W, et al. **Geburtshilfe Frauenheilkd** 1984 Aug; 44(8):533–6 (Eng. Abstr.) (Ger)

[Death in-utero of one twin due to asymptomatic premature separation of the placenta] Katz Z, et al. **Harefuah** 1984 Nov 1;107(9):235–6 (Eng. Abstr.) (Heb)

[Study on the dyadic dynamics of 2 monozygotic twins discordant with respect to schizophrenic symptomatology] Torre LV, et al. **Minerva Psichiatr** 1984 Oct–Dec; 25(4):233–40 (Eng. Abstr.) (Ita)

[Acardia: description of a new case] Domenici R, et al. **Pathologica** 1983;75 Suppl:149–52 (Ita)

[The effects of aging and genetic factors on heart rate response to hypoxia—studies in twins] Miyamoto K, et al. **Kokyu To Junkan** 1985 May;33(5):669–77 (Eng. Abstr.) (Jpn)

[Adult identical twins with moyamoya disease] Kashihara M, et al. **No Shinkei Geka** 1984 Nov;12(12):1425–31 (Eng. Abstr.) (Jpn)

[Aicardi syndrome in one of dizygotic twins] Hattori H, et al. **No To Hattatsu** 1984 Jul;16(4):317–21 (Eng. Abstr.) (Jpn)

[Lissencephaly in one of twins] Utsunomiya T, et al. **No To Hattatsu** 1985 Jul;17(4):352–6 (Eng. Abstr.) (Jpn)

[Monozygotic twins with SLE raised in different environments] Uchida K, et al. **Ryumachi** 1984 Aug; 24(4):263–71 (Eng. Abstr.) (Jpn)

[Alzheimer's disease in identical twin brothers. Investigations of their family history and of clinical development of the disease] Doi A, et al. **Seishin Shinkeigaku Zasshi** 1984; 86(6):417–47 (Eng. Abstr.) (Jpn)

[Acquired immunodeficiency syndrome in a child (preliminary report)] Iwańczak F, et al. **Pol Tyg Lek** 1985 Mar 4;40(9):259–62 (Eng. Abstr.) (Pol)

[Surgically treated intracranial aneurysms in 2 brothers] Mazurowski W. **Wiad Lek** 1984 Sep 1;37(17):1375–7 (Eng. Abstr.) (Pol)

[Cerebrovascular ischemic accidents occurring within an 8-month interval in monozygotic (univitelline) twin brothers (clinical demonstration of the biochemical and cytogenetic distinctiveness)] Serbănescu G, et al. **Rev Med Interna [Neurol Psihiatr]** 1984 Oct-Dec; 29(4):291-3 (Rum)

[Thymectomy for myasthenia in twin sisters] Vasil'ev VN, et al. **Vestn Khir** 1984 Oct;133(10):75-6 (Rus)

[HLA antigen study in familial cases of disseminated sclerosis and in twins] Zavalishin IA, et al. **Vrach Delo** 1984 Aug;(8):91-3 (Eng. Abstr.) (Rus)

[The perinatal fate of the second twin] Mikulandra F. **Lijec Vjesn** 1984 Sep;106(9):361-4 (Eng. Abstr.) (Scr)

[Asymmetrical otocraniofacial syndrome (hemifacial microsomy) in discordant monozygotic twins. Otologic aspects] Pérez Alvarez F, et al. **An Esp Pediatr** 1984 Nov 30;21(8):769-73 (Eng. Abstr.) (Spa)

[Sotos syndrome in discordant, dizygotic twins] Zafra de la Rosa G, et al. **Bol Med Hosp Infant Mex** 1984 Oct; 41(10):551-5 (Eng. Abstr.) (Spa)

[Twin pregnancy and malformation of one of the fetuses] Bianchi R, et al. **Rev Chil Obstet Ginecol** 1981;46(4):215-9 (Eng. Abstr.) (Spa)

[Beckwith-Wiedemann syndrome in 3 sisters] Almazán C, et al. **Rev Chil Pediatr** 1984 Sep-Oct;55(5):340-3 (Eng. Abstr.) (Spa)

[Cystinuria and renal lithiasis] Willshaw E, et al. **Rev Chil Pediatr** 1984 Jul-Aug;55(4):273-7 (Eng. Abstr.) (Spa)

[Ciliary dyskinesia syndrome] Fernández EA. **Rev Med Panama** 1985 May;10(2):87-92 (Eng. Abstr.) (Spa)

CONGENITAL

Neonatal lupus erythematosus occurring in one fraternal twin. Serologic and immunogenetic studies. Callen JP, et al. **Arthritis Rheum** 1985 Mar;28(3):271-5

FAMILIAL & GENETIC

Dilated cardiomyopathy in identical twins. Ozick H, et al. **Chest** 1984 Dec;86(6):878-80

[Monozygotic twins with Klinefelter syndrome (concordant) and systemic lupus erythematodes (discordant)] Schlegelberger B, et al. **Klin Wochenschr** 1984 Oct 1; 62(19):906-10 (Eng. Abstr.) (Ger)

[Salvaging the healthy fetus in twin pregnancies discordant for developmental anomalies] Papp Z, et al. **Orv Hetil** 1985 Jun 23;126(25):1525-8 (Eng. Abstr.) (Hun)

IMMUNOLOGY

HLA in allergic twins. Fernández MM, et al. **Allergol Immunopathol (Madr)** 1985 Mar-Apr;13(2):105-10

Characterization of antigen-specific T cells in multiple sclerosis twins with elevated responses to measles virus. Greenstein JI, et al. **Ann NY Acad Sci** 1984;436:511-2

Lymphocyte transformation tests and subpopulations of lymphocytes in a population-based material of atopic dermatitis in twins. Schultz Larsen F, et al. **Scand J Immunol** 1985 Apr;21(4):375-81

PATHOLOGY

Monozygotic twins concordant for bilateral Duane's retraction syndrome. Hofmann RJ. **Am J Ophthalmol** 1985 May 15;99(5):563-6

PREVENTION & CONTROL

[Improvement in feto-neonatal prognosis in twin pregnancies. Comparison of 2 series of 158 pregnancies before and after establishing a therapeutic protocol] Michiels Y, et al. **Rev Fr Gynecol Obstet** 1985 Feb; 80(2):99-102 (Eng. Abstr.) (Fre)

DISGERMINOMA see DYSGERMINOMA

DISINFECTANTS

Effect of pH, application technique, and chlorine-to-nitrogen ratio on disinfectant activity of inorganic chloramines with pure culture bacteria. Ward NR, et al. **Appl Environ Microbiol** 1984 Sep;48(3):508-14

Inactivation of Giardia lamblia cysts with ozone. Wickramanayake GB, et al. **Appl Environ Microbiol** 1984 Sep;48(3):671-2

The use of chemical disinfectants in dental prosthetics. Kwok WM, et al. **Aust Dent J** 1984 Jun;29(3):180-3

Disinfectants and their level of action. Choudhry M, et al. **Indian J Pathol Microbiol** 1984 Apr;27(2):121-31

The merits of alcohol as a skin degerming agent [letter] Beck WC. **Infect Control** 1985 Jan;6(1):4

Hospital disinfectants for housekeeping: floors and tables. Mallison GF. **Infect Control** 1984 Nov;5(11):537

Accepted disinfectants [letter] Schattner RI. **J Am Dent Assoc** 1985 Jul;111(1):10-1

A comparison of the antimicrobial activities of noxythiolin and formaldehyde solutions. Gorman SP, et al. **J Clin Hosp Pharm** 1985 Jan;10(2):185-92

Susceptibility of hepatitis B virus to disinfectants or heat. Kobayashi H, et al. **J Clin Microbiol** 1984 Aug;20(2):214-6

The influence of the chemical behaviour of iodine on the germicidal action of disinfectant solutions containing iodine. Gottardi W. **J Hosp Infect** 1985 Mar;6 Suppl A:1-11

Efficacy of low-concentration iodophors for germicidal hand washing. Stiles ME, et al. **J Hyg (Lond)** 1985 Jun; 94(3):269-77

Utilization of chlorhexidine gluconate to evaluate a nonhuman primate skin-degerming model. Deuel DM, et al. **J Med Primatol** 1984;13(2):105-16

Dynamics of disinfection of selected preservatives against Escherichia coli. Hurwitz SJ, et al. **J Pharm Sci** 1985 Aug; 74(8):892-4

Inactivation of lymphadenopathy associated virus by chemical disinfectants. Spire B, et al. **Lancet** 1984 Oct 20; 2(8408):899-901

Evaluation of a new germicidal hand creme. Reynolds WO, et al. **Methods Find Exp Clin Pharmacol** 1985 Jan;7(1):49-54

Grass roots medicine [letter] Lloyd DF. **Papua New Guinea Med J** 1983 Sep-Dec;26(3-4):244

Failure of drinking water sanitisation to reduce the incidence of natural salmonella in broiler chickens. Al-Chalaby ZA, et al. **Vet Rec** 1985 Apr 6;116(14):364-5

[Use of chlorine disinfecting preparations combined with detergents] Kneiflová J. **Cesk Epidemiol Mikrobiol Imunol** 1985 Feb;34(1):54-61 (Eng. Abstr.) (Cze)

[Method for the quantitative evaluation of the degree of elimination of microorganisms after the application of disinfectants] Burtovoĭ SP, et al. **Gig Sanit** 1984 Nov; (11):33-6 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

Comparing thermal and chemical disinfection systems for the etafilcon A 58% water content contact lens. Lubert GP, et al. **Am J Optom Physiol Opt** 1984 Nov;61(11):683-8

Pseudobacteraemia associated with contaminated skin cleaning agent [letter] Gosden PE, et al. **Lancet** 1985 Sep 21;2(8456):671-2

[Possibility of error in the use of disinfectants] Heinzel M. **Off Gesundheitswes** 1984 Dec;46(12):622-5 (Ger)

[Acute meningitis after metrizamide myelography. Unnecessary use of disinfectants (letter)] Lingaas E. **Tidsskr Nor Laegeforen** 1985 Apr 30;105(12):834 (Nor)

ANALYSIS

[Detection of Iodonal B in surface disinfection] Zárská Z, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 May; 34(3):181-3 (Eng. Abstr.) (Cze)

[Residues of disinfectants in hospital sewage] Jobst D, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec; 180(1):21-37 (Eng. Abstr.) (Ger)

[Assay of 1,3-diiodo-2-propanol (Iothion) in various pharmaceutical preparations] Mazzei M, et al. **Farmaco [Prat]** 1985 Aug;40(8):266-72 (Eng. Abstr.) (Ita)

METABOLISM

Binding of some polyhexamethylene biguanides to the cell envelope of Escherichia coli ATCC 8739. Broxton P, et al. **Microbios** 1984;41(163):15-22

PHARMACODYNAMICS

Bactericidal properties of a new water disinfectant. Williams DE, et al. **Appl Environ Microbiol** 1985 Mar;49(3):637-43

A comparative evaluation of dental aspirator cleansing and disinfectant solutions. Gorman SP, et al. **Br Dent J** 1985 Jan 5;158(1):13-6

Laboratory investigations on the effect of selected disinfectants on survival of the cockroaches Blattella germanica (L.). Racewicz M. **Bull Inst Marit Trop Med Gdynia** 1983;34(3-4):205-13

Laboratory evaluation of different disinfectants. Subramaniam L, et al. **Indian J Med Res** 1985 Jan;81:41-5

Comparison of phenol coefficient test and Kelsey Sykes' test using phenolic disinfectants. Choudhry M, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):189-97

The exposure of various polymers to a 24-hour soak in Lensept: the effect on base curve. Janoff LE. **J Am Optom Assoc** 1985 Mar;56(3):222-5

In vitro evaluation of current disinfectants for leg bags. Giroux J, et al. **J Am Paraplegia Soc** 1985 Jan;8(1):13-5

Interaction of some polyhexamethylene biguanides and membrane phospholipids in Escherichia coli. Broxton P, et al. **J Appl Bacteriol** 1984 Aug;57(1):115-24

Emergence and development of resistance to antimicrobial chemicals and heat in spores of Bacillus subtilis. Gorman SP, et al. **J Appl Bacteriol** 1984 Aug;57(1):153-63

Statistical examination of AOAC use-dilution method for testing disinfectant efficacy. Trout JR. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):763-5

Germicidal persistence of teat dips by modified excised teat procedure. Schmidt AL, et al. **J Dairy Sci** 1985 Jan; 68(1):158-62

Evaluation of teat dips with excised teats. Watts JL, et al. **J Dairy Sci** 1984 Sep;67(9):2062-5

The antibacterial properties of sodium hypochlorite and sodium dichloroisocyanurate as hospital disinfectants. Bloomfield SF, et al. **J Hosp Infect** 1985 Mar;6(1):20-30

A comparison of sodium hypochlorite and sodium dichloroisocyanurate products. Coates D. **J Hosp Infect** 1985 Mar;6(1):31-40

The activity of glutaraldehyde against Clostridium difficile. Dyas A, et al. **J Hosp Infect** 1985 Mar;6(1):41-5

The effect of disinfectants and heat on hepatitis B virus. Kobayashi H, et al. **J Hosp Infect** 1984 Dec;5 Suppl A:93-4

Disinfectant properties of new povidone-iodine preparations. Schubert R. **J Hosp Infect** 1985 Mar;6 Suppl A:33-6

Disinfection and inactivation of the human T lymphotropic virus type III/Lymphadenopathy-associated virus. Martin LS, et al. **J Infect Dis** 1985 Aug;152(2):400-3

Morphological response of human rotavirus to ultra-violet radiation, heat and disinfectants. Rodgers FG, et al. **J Med Microbiol** 1985 Aug;20(1):123-30

A simple method for the evaluation of antiseptic and disinfectant virucidal activity. Boudouma M, et al. **J Virol Methods** 1984 Dec;9(4):271-6

Disinfectant inactivation of AIDS virus in blood or serum [letter] Wallbank AM. **Lancet** 1985 Mar 16;1(8429):642

The effectiveness of six disinfectants in inactivation of reovirus 3. Drulak MW, et al. **Microbios** 1984;41(163):31-8

Comparative study of bactericidal activities of six different disinfectants. Namba Y, et al. **Nagoya J Med Sci** 1985 Mar; 47(3-4):101-12

The bactericidal activity of aqueous disinfectants applied on living tissues. Reybrouck G. **Pharm Weekbl [Sci]** 1985 Jun 21;7(3):100-3

Evaluation of four disinfectants under poultry grow-out conditions using contact agar sampling technique. Pate MA, et al. **Poult Sci** 1985 Apr;64(4):629-33

Quantitative evaluation of the effects of disinfectants against viruses in suspension experiments. Moldenhauer D. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec; 179(6):544-54

[Bactericidal effect of the preparation trozin] Slavchev G, et al. **Vet Med Nauki** 1985;22(4):38-43 (Eng. Abstr.) (Bul)

[Experimental study on the disinfection efficiency of a mixture of chlorine dioxide and chlorine in water] Cheng YY, et al. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Mar;18(2):69-72 (Eng. Abstr.) (Chi)

[Skin disinfection before parenteral interventions] Svec J, et al. **Cesk Epidemiol Mikrobiol Imunol** 1984 Jul;33(4):243-8 (Eng. Abstr.) (Cze)

[Determination of the germicidal activity of disinfectants and antiseptics by quantitative suspension tests] Reybrouck G. **J Pharm Belg** 1984 Nov-Dec;39(6):390-400 (Eng. Abstr.) (Fre)

[On the bactericidal effectiveness of various disinfectants (IV)] Satsuta K, et al. **Nippon Ika Daigaku Zasshi** 1985 Feb;52(1):85-8 (Jpn)

[Chemical treatment of polluted vegetables] Baruffaldi R, et al. **Rev Saude Publica** 1984 Jun;18(3):225-34 (Eng. Abstr.) (Por)

[Probability in the evaluation of the reliability of bactericidal effects] Burtovoĭ SP, et al. **Gig Sanit** 1985 May;(5):20-2 (Eng. Abstr.) (Rus)

[Comparative sensitivity of microorganisms to monochloramine B] Krucheniuk TB. **Gig Sanit** 1985 Jun; (6):75-7 (Rus)

[Evaluation of the effect of Mycrodyn, Elibac, Nibac and Trop-Fen on cestode eggs] Chavarría M, et al. **Salud Publica Mex** 1984 Sep-Oct;26(5):456-61 (Eng. Abstr.) (Spa)

PHYSIOLOGY

[Disinfection for dermatomycoses in veterinary practice] Rybnikář A, et al. **Vet Med (Praha)** 1985 Feb;30(2):119-28 (Eng. Abstr.) (Cze)

POISONING

[Poisoning by disinfectants in the conservative treatment of 2 patients with omphalocele] Schröder CH, et al. **Tijdschr Kindergeneeskd** 1985 Apr;53(2):76-9 (Eng. Abstr.) (Dut)

[Poisoning by hypochlorite-containing disinfectants. A retrospective analysis of 594 cases of poisoning] Okonek S, et al. **Dtsch Med Wochenschr** 1984 Dec 7;109(49):1874-7 (Eng. Abstr.) (Ger)

STANDARDS

Acceptance of OMNI-II disinfectant for instruments and equipment. Council on Dental Therapeutics. **J Am Dent Assoc** 1985 Mar;110(3):394

THERAPEUTIC USE

Bacterial colonization and neonatal infections. Effects of skin and umbilical disinfection in the nursery. Meberg A, et al. **Acta Paediatr Scand** 1985 May;74(3):366-71

Guidelines for infection control in the dental office and the commercial dental laboratory. Council on Dental Therapeutics. Council on Prosthetic Services and Dental Laboratory Relations. **J Am Dent Assoc** 1985 Jun; 110(6):969-72

Preliminary investigation of a method for disinfection of dental impressions. Merchant VA, et al. **J Prosthet Dent** 1984 Dec;52(6):877-9

TOXICITY

Tego dermatitis. Valsecchi R, et al. **Contact Dermatitis** 1985 Apr;12(4):230

Evaluation of chemicals used for drinking water disinfection for production of chromosomal damage and sperm-head abnormalities in mice. Meier JR, et al. **Environ Mutagen** 1985;7(2):201-11

The effect of Alcide, a new antimicrobial drug, on rat blood glutathione and erythrocyte osmotic fragility, in vitro. Abdel-Rahman MS, et al. **J Appl Toxicol** 1985 Jun; 5(3):178–81

Effects of Alcide gel on fetal development in rats and mice. II. Gerges SE, et al. **J Appl Toxicol** 1985 Apr;5(2):104–9

Toxicity of monochloramine in rat: an alternative drinking water disinfectant. Abdel-Rahman MS, et al. **J Toxicol Environ Health** 1984;13(4–6):825–34

[Study of the toxic properties of preservatives used in water reclamation systems] Lobacheva GV, et al. **Kosm Biol Aviakosm Med** 1985 Jan–Feb;19(1):70–2 (Eng. Abstr.) (Rus)

DISINFECTION see under **STERILIZATION**

DISINFECTION, HAND see **HANDWASHING**

DISK, HERNIATED see **INTERVERTEBRAL DISK DISPLACEMENT**

DISK, INTERVERTEBRAL see **INTERVERTEBRAL DISK**

DISLOCATION, LENS see **LENS DISLOCATION AND SUBLUXATION**

DISLOCATION, TOOTH see **TOOTH LUXATION**

DISLOCATIONS

Anterolateral dislocation of the head of the fibula in sports. Turco VJ, et al. **Am J Sports Med** 1985 Jul–Aug; 13(4):209–15

Radiocarpal dislocation—classification and rationale for management. Moneim MS, et al. **Clin Orthop** 1985 Jan–Feb; (192):199–209

Simultaneous dislocation of the five carpometacarpal joints. Reznick SM, et al. **Clin Orthop** 1985 Jan–Feb;(192):210–4

Digital fractures and dislocations. Diagnosis and treatment. Elleby DH, et al. **Clin Podiatry** 1985 Apr;2(2):233–45

Injuries to the talus. Silvani S. **Clin Podiatry** 1985 Apr; 2(2):287–310

Symposium on musculoskeletal problems. **Emerg Med Clin North Am** 1984 May;2(2):203–456

Spontaneous rupture of the extensor mechanism causing ulnar dislocation of the long extensor tendon of the long finger. Two case reports. Bin Iftikhar T, et al. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1108–9

Type-I complex dislocation of the first metatarsophalangeal joint—open reduction through a dorsal approach. A case report. Lewis AG, et al. **J Bone Joint Surg [Am]** 1984 Sep; 66(7):1120–3

Simultaneous dislocation of the hamate and pisiform: a case report. Gainor BJ. **J Hand Surg [Am]** 1985 Jan;10(1):88–90

Divergent dislocation of the carpometacarpal joints: a case report. Gunther SF, et al. **J Hand Surg [Am]** 1985 Mar; 10(2):197–201

Simultaneous closed dislocations of the metacarpophalangeal joints of the index, long, and ring fingers: a case report. Hall RF Jr, et al. **J Hand Surg [Am]** 1985 Jan;10(1):81–5

Isolated palmar dislocation of the trapezoid. Kopp JR. **J Hand Surg [Am]** 1985 Jan;10(1):91–3

Simultaneous subluxation of the metacarpophalangeal joints of all four fingers: a case report. Ramirez Ruiz G, et al. **J Hand Surg [Am]** 1985 Jan;10(1):78–80

Dislocated intra-articular fracture of the base of the fifth metacarpal: a clinical study of 23 patients. Niechajev I. **Plast Reconstr Surg** 1985 Mar;75(3):406–10

[Luxations of the proximal end of the radius in children] Dubuc JE, et al. **Acta Orthop Belg** 1984;50(6):815–36 (Eng. Abstr.) (Fre)

[Fractures and luxations of the astragalus] Wolf P, et al. **Acta Orthop Belg** 1984;50(6):837–43 (Eng. Abstr.) (Fre)

CHEMICALLY INDUCED

[Bilateral dislocation of mandibular joints induced by haloperidol therapy—a case report] Liu ZZ. **Szu Chuan I Hsueh Yuan Hsueh Pao** 1985 Mar;16(1):82–3 (Eng. Abstr.) (Chi)

CLASSIFICATION

Classification of carpal instability. Taleisnik J. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):511–31

COMPLICATIONS

Injury to the head and face in patients with cervical spine injury. McCabe JB, et al. **Am J Emerg Med** 1984 Jul; 2(4):333–5

Spinal deformities in Larsen's syndrome. Bowen JR, et al. **Clin Orthop** 1985 Jul–Aug;(197):159–63

Radiocarpal fracture—dislocation. Schoenecker PL, et al. **Clin Orthop** 1985 Jul–Aug;(197):237–44

Cachexia in a mentally retarded adolescent secondary to mandibular dislocation. Sonnenberg EM, et al. **Dev Med Child Neurol** 1985 Jun;27(3):374–6

Quadriplegia after minor trauma in the Klippel-Feil syndrome. A case report and review of the literature. Elster AD. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1473–4

Cervical myelopathy and posterior atlanto-axial subluxation in patients with rheumatoid arthritis. Lipson SJ. **J Bone Joint Surg [Am]** 1985 Apr;67(4):593–7

Results of compression-plating of closed Galeazzi fractures. Moore TM, et al. **J Bone Joint Surg [Am]** 1985 Sep; 67(7):1015–21

Rupture of the quadriceps tendon following dislocation of the patella. Case report. Naver L, et al. **J Bone Joint Surg [Am]** 1985 Feb;67(2):324–5

Brachial artery damage accompanying closed posterior dislocation of the elbow. Grimer RJ, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):378–81

Fracture-dislocations of all five carpometacarpal joints: a case report. Bergfield TG, et al. **J Hand Surg [Am]** 1985 Jan;10(1):76–8

Irreducible palmar dislocation of the proximal interphalangeal joint associated with an epiphyseal fracture of the middle phalanx. Jones NF, et al. **J Hand Surg [Am]** 1985 Mar;10(2):261–4

Popliteal artery injury associated with knee dislocation. Bell WW, et al. **J Okla State Med Assoc** 1984 Dec;77(12):418–21

Combined occipitoatlantoaxial hypermobility with anterior and posterior arch defects of the atlas in Pierre-Robin syndrome. Gamble JG, et al. **J Pediatr Orthop** 1985 Jul–Aug;5(4):475–8

Entrapment of the median nerve after dislocation of the elbow. Pritchett JW. **J Pediatr Orthop** 1984 Nov;4(6):752–3

Cervical sagittal spinal canal size in spine injury. Eismont FJ, et al. **Spine** 1984 Oct;9(7):663–6

Progressive idiopathic anterior dislocation of the upper cervical spine with severe myelopathy. Cloward RB. **Surg Neurol** 1984 Dec;22(6):579–87

[Carpal luxation and residual instability] Saffar P. **Ann Chir Main** 1984;3(4):349–52 (Eng. Abstr.) (Fre)

[Trauma-induced necrosis of the corpus tali] Grob D, et al. **Unfallchirurg** 1985 Apr;88(4):175–81 (Eng. Abstr.) (Ger)

[Separation of the distal femoral epiphysis] Linhart WE, et al. **Unfallchirurg** 1985 Jun;88(6):274–9 (Eng. Abstr.) (Ger)

[Injuries of the locomotor system complicated by burns] Dziak A. **Wiad Lek** 1985 Jan 1;38(1):46–50 (Eng. Abstr.) (Pol)

[Fractures of the head of the humeral condyle associated with elbow joint dislocation in children] Sysa NF. **Ortop Travmatol Protez** 1985 Apr;(4):35–7 (Eng. Abstr.) (Rus)

CONGENITAL

Congenital dislocation of the knee. Jacobsen K, et al. **Acta Orthop Scand** 1985 Feb;56(1):1–7

The Larsen syndrome occurring in four generations of one family. Stanley D, et al. **Int Orthop** 1985;8(4):267–72

Congenital atlanto-axial dislocation: a clinical and radiological study. Shukla R, et al. **J Assoc Physicians India** 1984 Aug;32(8):697–700

Congenital atlanto-axial subluxation in Down's syndrome. Grobovschek M, et al. **Neuroradiology** 1985;27(2):186

[Congenital luxation of the patella associated with ball-and-socket deformity of the ankle] Aguirre MC, et al. **Acta Orthop Belg** 1984 Sep–Oct;50(5):712–6 (Eng. Abstr.) (Fre)

DIAGNOSIS

Scapholunate ligamentous instabilities (dissociations, subdislocations, dislocations). Linscheid RL. **Ann Chir Main** 1984;3(4):323–30 (38 ref.) (Eng, Fre)

Retrosternal dislocation of the clavicle. Observations on three cases. Orsini G, et al. **Ital J Orthop Traumatol** 1984 Dec; 10(4):533–9

Subtalar joint subluxation. Beirne DR, et al. **J Am Podiatry Assoc** 1984 Nov;74(11):529–32

Reliability study of detection of somatic dysfunctions in the cervical spine. Deboer KF, et al. **J Manipulative Physiol Ther** 1985 Mar;8(1):9–16

Complete dislocation of the knee [letter] Sherry E. **Med J Aust** 1985 May 13;142(10):577

Fibular head dislocation—another differential in the diagnosis of knee injury. Kiester PD, et al. **Nebr Med J** 1985 Jan; 70(1):26–7

[Infrared telethermography in injuries to the locomotor apparatus] Ternovoi NK, et al. **Klin Khir** 1984 Dec; (12):28–9 (Eng. Abstr.) (Rus)

ETIOLOGY

Dislocation following total hip arthroplasty. Kristiansen B, et al. **Arch Orthop Trauma Surg** 1985;103(6):375–7

Dislocation of an artificial knee component due to extraordinary function. Veth RP, et al. **Arch Orthop Trauma Surg** 1984;103(5):356–8

An unusual mandibular dislocation. Cope MR, et al. **Br J Oral Maxillofac Surg** 1985 Apr;23(2):112–7

Multiple subaxial subluxation of cervical spine: a side effect of corticosteroids? Dunn NA, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):299–300

Dislocation of temporomandibular joints resulting from thiethylperazine maleate therapy. Corea RT. **Ceylon Med J** 1984 Jun;29(2):117–8

Subluxation of the knee as a complication of femoral lengthening by the Wagner technique. Jones DC, et al. **J Bone Joint Surg [Br]** 1985 Jan;67(1):33–5

Traumatic dorsal dislocation of the triquetrum: a case report. Bieber EJ, et al. **J Hand Surg [Am]** 1984 Nov;9(6):840–2

Bilateral subluxation of the base of the thumb secondary to an unusual abductor pollicis longus insertion: a case report. Martinez R, et al. **J Hand Surg [Am]** 1985 May;10(3):396–9

Scapholunate dissociation from a fall on the elbow. Morgan W, et al. **J Hand Surg [Am]** 1984 Nov;9(6):845–7

Symptomatic atlantoaxial subluxation in persons with Down syndrome. Pueschel SM, et al. **J Pediatr Orthop** 1984 Nov; 4(6):682–8

Post-traumatic fracture-dislocation of manubriosternal joint with a wedge fracture of the body of the fourth thoracic vertebra. Jenyo MS. **J Trauma** 1985 Mar;25(3):274–5

Breaker's neck [letter] Ramirez B, et al. **JAMA** 1984 Dec 28;252(24):3366–7

Knee joint in soccer players: osteoarthritis and axis deviation. Chantraine A. **Med Sci Sports Exerc** 1985 Aug;17(4):434–9

Hypoplasia of the odontoid with atlanto-axial subluxation in Hurler's syndrome. Thomas SL, et al. **Pediatr Radiol** 1985;15(5):353–4

Bilateral peroneal nerve palsy secondary to posterior dislocation of the proximal tibiofibular joint in rheumatoid arthritis. Ishikawa H, et al. **Rheumatol Int** 1984;5(1):45–7

Isolated injury to the distal radioulnar joint. Case report and cadaver study. McCoy GF, et al. **Ulster Med J** 1984; 53(2):155–8

[Postero-internal menisco-capsular disinsertions associated with chronic instabilities of the knee caused by rupture of the anterior cruciate ligament] Lemaire M, et al. **Rev Chir Orthop** 1984;70(8):613–22 (Eng. Abstr.) (Fre)

[Uncommon injuries of the larynx following intubation. Recurrent paralysis, torsion and luxation of the cricoarytenoid joints] Rudert H. **HNO** 1984 Sep; 32(9):393–8 (Eng. Abstr.) (Ger)

[Luxation of the patella and femoro-patellar dysplasia—causality in statutory accident insurance (letter)] Rütt A. **Unfallchirurg** 1985 Mar;88(3):149–50 (Ger)

[Injuries of the cervical vertebrae in traffic accident] Rether JR, et al. **Unfallheilkunde** 1984 Dec;87(12):524–30 (Eng. Abstr.) (Ger)

[Incidence of painful pronation in pediatric traumatology] Torretta F, et al. **Chir Ital** 1982 Jun;34(3):469–75 (Eng. Abstr.) (Ita)

[Open dislocations of the ankle joint and peritalar dislocations] Skwarcz A, et al. **Chir Narzadow Ruchu Ortop Pol** 1985;50(1):50–3 (Eng. Abstr.) (Pol)

[The slipping rib syndrome in athletes] Greida BP. **Vestn Khir** 1985 Apr;134(4):77–8 (Eng. Abstr.) (Rus)

HISTORY

[On the reduction of luxations of the jaw: ancient precedents to the Nélaton maneuver] Marganne-Mélard MH. **Rev Med Liege** 1985 Feb 1;40(3):105–8 (Fre)

OCCURRENCE

[Posterior luxations of the elbow in children] Robert M, et al. **Acta Orthop Belg** 1984;50(6):750–7 (Eng. Abstr.) (Fre)

PATHOLOGY

Investigation of a 9-year-old condylar neck fracture. Heasman PA. **Br Dent J** 1984 Dec 8;157(11):396–7

Locking of the thumb at the interphalangeal joint by one of the sesamoid bones. A case report. Kitagawa H, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1300–1

Bilateral fracture-dislocation of the sacrum. A case report. Marcus RE, et al. **J Bone Joint Surg [Am]** 1984 Oct; 66(8):1297–9

Atlantoaxial rotatory subluxation, congenital absence of the posterior arch of the atlas, and cerebral palsy: an unusual triad. Thompson GH, et al. **J Pediatr Orthop** 1985 Mar–Apr;5(2):232–5

Histologic appearance of the bilaminar zone in internal derangement of the temporomandibular joint. Hall MB, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct; 58(4):375–81

[2 cases of severe complications of forearm bone dislocation] Rodov AP. **Ortop Travmatol Protez** 1984 Sep;(9):46–7 (Rus)

[Rupture of the brachial artery in dislocation of the forearm in a multiple injury victim with shock] Veselov VS, et al. **Vestn Khir** 1984 Sep;133(9):101–2 (Rus)

PHYSIOPATHOLOGY

Vitality of the slipped capital femoral epiphysis. Preoperative evaluation by tetracycline labeling. Hägglund G, et al. **Acta Orthop Scand** 1985 Jun;56(3):215–7

RADIOGRAPHY

Uncovertebral and facet joint dislocations in cervical articular pillar fractures: CT evaluation. Yetkin Z, et al. **AJNR** 1985 Jul–Aug;6(4):633–7

CT evaluation of tarsometatarsal fracture-dislocation injuries. Goiney RC, et al. **AJR** 1985 May;144(5):985–90

Radiology of fracture-dislocation of the cervical spine during delivery. Stanley P, et al. **AJR** 1985 Sep;145(3):621–5

Dislocation of the temporomandibular joint meniscus: contrast arthrography vs. computed tomography. Thompson JR, et al. **AJR** 1985 Jan;144(1):171–4

Upper cervical spine trauma. Ragozzino MW, et al. **Am Fam Physician** 1985 Jul;32(1):113–9

Tarso-metatarsal dislocation without associated fractures [letter] Amesur N, et al. **Ann Emerg Med** 1985 Feb; 14(2):192–4

Nursemaid's elbow: a radiographic demonstration. Frumkin K. **Am Emerg Med** 1985 Jul;14(7):690–3

Dislocation of the distal radio–ulnar joint [letter] Onuba O. **Arch Emerg Med** 1985 Mar;2(1):49–51

Delayed diagnosis of a spontaneous atlanto–axial rotatory dislocation. Oberthaler W, et al. **Arch Orthop Trauma Surg** 1984;103(3):212–4

Simultaneous dorsal dislocation of both interphalangeal joints in a finger. Krebs B, et al. **Br J Sports Med** 1984 Sep;18(3):217–9

Injury to cervical spine after a game of British bulldog. Spencer JD, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1888–9

Rotatory subluxation of the scaphoid. Cope JR. **Clin Radiol** 1984 Nov;35(6):495–501

Clues to the initial radiographic evaluation of skeletal trauma. Cone RO. **Emerg Med Clin North Am** 1984 May;2(2):245–78 (54 ref.)

The radiologic diagnosis of subtle extremity injuries. Weissman BN. **Emerg Med Clin North Am** 1985 Aug;3(3):585–605 (49 ref.)

The appearance of the tarsal navicular after posteromedial release for clubfoot. Schlafly B, et al. **Foot Ankle** 1985 Mar–Apr;5(5):222–37

Dislocation of the superior tibiofibular joint. Andersen K. **Injury** 1985 Jul;16(7):494–8

Complete dislocation of the trapezium: a case report. Brewood AF. **Injury** 1985 Mar;16(5):303–4

Superior dislocation of the patella. Hanspal RS. **Injury** 1985 Jul;16(7):487–8

Isolated traumatic posterior dislocation of the radial head—a case report. Jones JR, et al. **Injury** 1985 Mar;16(5):307–8

Rotatory subluxation of the atlanto–axial joint. Ungar F, et al. **Ital J Orthop Traumatol** 1985 Mar;11(1):37–42

Condylar displacement [letter] Williams BT. **J Am Dent Assoc** 1984 Sep;109(3):400

Radiography and computerized tomography in the diagnosis of incongruity of the distal radio–ulnar joint. A prospective study. Mino DE, et al. **J Bone Joint Surg [Am]** 1985 Feb;67(2):247–52

Locking of the metacarpophalangeal joint of the thumb. Yamanaka K, et al. **J Bone Joint Surg [Am]** 1985 Jun;67(5):782–7

Computed tomographic diagnosis of distal radio–ulnar joint disruption. Scheffler R, et al. **J Can Assoc Radiol** 1984 Jun;35(2):212–3

Irreducible dislocation of the distal interphalangeal joint. Murakami Y. **J Hand Surg [Br]** 1985 Jun;10(2):231–2

Computed tomography of the temporomandibular joint meniscus. A report of preliminary tests. Fjellstroem CA, et al. **J Maxillofac Surg** 1985 Feb;13(1):24–7

Rotatory subluxation of the scaphoid. Gray RE, et al. **J Miss State Med Assoc** 1985 Feb;26(2):39–41

Simultaneous dislocation of the interphalangeal joints in a finger. Hardy I, et al. **J Trauma** 1985 May;25(5):450–1

Importance of proper radiography in acute shoulder trauma. Craig EV. **Minn Med** 1985 Feb;68(2):109–12

Vascular injury associated with a posterior elbow dislocation. Connolly JF, et al. **Nebr Med J** 1985 Apr;70(4):124–6

Lateral atlantooccipital dislocation: case report. Watridge CB, et al. **Neurosurgery** 1985 Aug;17(2):345–7

Posterior dislocation of the sternoclavicular joint. Weingarten MJ, et al. **NY State J Med** 1985 May;85(5):225–6

Anteriorly displaced temporomandibular joint articular disk. Report of a case diagnosed by computed tomography. Christiansen EL, et al. **Oral Surg Oral Med Oral Pathol** 1984 Sep;58(3):355–7

Atlanto–axial subluxation in rheumatoid arthritis. A study of 104 hospital patients. Haaland K, et al. **Scand J Rheumatol** 1984;13(4):319–23

Posterior atlanto–axial dislocation in rheumatoid arthritis. Redlund–Johnell I. **Scand J Rheumatol** 1984;13(4):337–41

Case report 309. Diagnosis: complete volar subluxation of the right scaphoid bone and fracture of the right capitate bone. Fishman MC, et al. **Skeletal Radiol** 1985;13(3):245–7

Fixed atlantoaxial rotary deformity with bilateral facet dislocation. el–Khoury GY, et al. **Skeletal Radiol** 1985;13(3):217–20

Carpal ligamentous laxity with bilateral perilunate dislocation in Marfan syndrome. Pennes DR, et al. **Skeletal Radiol** 1985;13(1):62–4

Carpal ligamentous disruptions and negative ulnar variance. Voorhees DR, et al. **Skeletal Radiol** 1985;13(4):257–62

Radiology of trauma to the wrist: dislocations, fracture dislocations, and instability patterns. Yeager BA, et al. **Skeletal Radiol** 1985;13(2):120–30 (24 ref.)

[Diagnostic problems concerning injury of occipito–atlanto–axial segment] He CX. **Chung Hua Fang She Hsueh Tsa Chih** 1984 May;18(2):131–5 (Eng. Abstr.) (Chi)

[Luxation of the proximal tibio–fibular joint] Pedersen CB. **Ugeskr Laeger** 1984 Jul 30;146(31):2293–5 (Eng. Abstr.) (Dan)

[Retrosternal dislocation of the clavicle. Contribution of CT scanning and treatment, apropos of a case] Persoons D, et al. **Acta Orthop Belg** 1985 Jan–Feb;51(1):103–9 (Eng. Abstr.) (Fre)

[Blow–out fracture or orbito–nasal dislocation caused by indirect shock] Crestinu J. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):389–93 (Fre)

[Conventional radiologic and computer tomography control of the condyle position following sagittal mandibular osteotomy] Jend–Rossmann I, et al. **Fortschr Kiefer Gesichtschir** 1985;30:93–6 (Ger)

[Diagnosis of carpal bone dislocations] Heitemeyer U, et al. **Unfallchirurgie** 1984 Dec;10(6):288–92 (Eng. Abstr.) (Ger)

[Isolated dislocation of the scaphoid bone] Szántó E, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1984;27(3):205–8 (Eng. Abstr.) (Hun)

[Diagnostic value of CT in atlanto–axial dislocation and the choice of treatment] Koyama T, et al. **No Shinkei Geka** 1984 Oct;12(11):1281–90 (Eng. Abstr.) (Jpn)

[Subluxation and pseudoluxation of the cervical spine in children] Spišák L. **Acta Chir Orthop Traumatol Cech** 1985 Jun;52(3):267–73 (Eng. Abstr.) (Slo)

REHABILITATION

[Experience with the restorative treatment of locomotor injuries at an outpatient rehabilitation center] Balakina VS, et al. **Vestn Khir** 1984 Oct;133(10):107–10 (Eng. Abstr.) (Rus)

SURGERY

Cervical interbody fusion. The significance of graft shape. A technical note. Mosdal C. **Acta Neurochir (Wien)** 1985;74(3–4):122–3

Surgical treatment of acromioclavicular dislocations. Long–term follow–up study. Vandekerckhove B, et al. **Acta Orthop Belg** 1985 Jan–Feb;51(1):66–79

Bilateral wrist dislocation in an above knee amputee with advanced rheumatoid arthritis. Attempts at ambulation. Dorto AJ, et al. **Am J Phys Med** 1984 Dec;63(6):298–302

Dislocation of the tibialis posterior tendon in two athletes. Larsen E, et al. **Am J Sports Med** 1984 Nov–Dec;12(6):429–30

Malalignment of the scaphoid after lunate dislocation. Fisk GR. **Ann Chir Main** 1984;3(4):353–6 (Eng, Fre)

Reduction and fixation of late diagnosed lower cervical spine dislocations using the Daab plate. A report of two cases. Korkala O, et al. **Arch Orthop Trauma Surg** 1984;103(5):353–5

Recurrent bilateral anterior dislocation of the mandible. Zararulla MY. **Br Dent J** 1985 May 25;158(10):375–6

Surgical correction of recurrent dislocation of a mandibular condyle in a patient with Huntington's chorea: a case report. Price RB. **Br J Oral Maxillofac Surg** 1985 Apr;23(2):118–22

Subtotal circumferential decompression for late thoracolumbar fracture–dislocation complicated by paraplegia. Zhao DL, et al. **Chin Med J [Engl]** 1984 Jun;97(6):419–24

Transscaphoid perilunate fracture–dislocation. Result of open reduction and pin fixation. Moneim MS, et al. **Clin Orthop** 1984 Nov;(190):227–35

Complete knee dislocation. A follow–up study of operative treatment. Sisto DJ, et al. **Clin Orthop** 1985 Sep;(198):94–101

Anteriorly displaced transverse fracture of the sacrum with fracture–dislocation at the L4–L5 lumbar level. Sapkas G, et al. **Injury** 1985 Mar;16(5):354–7

Eminectomy as surgical treatment for chronic mandibular dislocations. Helman J, et al. **Int J Oral Surg** 1984 Dec;13(6):486–9

The bilateral eminectomy as definitive treatment. A review of 44 patients. Oatis GW Jr, et al. **Int J Oral Surg** 1984 Aug;13(4):294–8

Mandibular condyle fracture and dislocation into the middle cranial fossa. Pepper L, et al. **Int J Oral Surg** 1985 Jun;14(3):278–83

Cervical injury from skiing. Oh S. **Int J Sports Med** 1984 Oct;5(5):268–71

The surgical reconstruction of fractures and fracture dislocations of the thoraco–lumbar spine. Otani K, et al. **Int Orthop** 1984;8(1):29–36

Subluxing peroneal tendons. Treatment with the use of an autogenous sliding bone graft. Lowy A, et al. **J Am Podiatr Med Assoc** 1985 May;75(5):249–53

Type I dorsal dislocation of the first metatarsophalangeal joint. A case report. Sage R, et al. **J Am Podiatr Med Assoc** 1985 Apr;75(4):215–7

Recurrent dislocation of the patella treated by the modified Roux–Goldthwait procedure. A prospective study of forty–seven knees. Fondren FB, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):993–1005

A repair operation for recurrent dislocation of peroneal tendons. Das De S, et al. **J Bone Joint Surg [Br]** 1985 Aug;67(4):585–7

Crush injury of the carpus. Garcia–Elias M, et al. **J Bone Joint Surg [Br]** 1985 Mar;67(2):286–9

Management of major forefoot trauma. Bolognini N, et al. **J Foot Surg** 1985 Mar–Apr;24(2):88–98

Palmar dislocation of the proximal interphalangeal joint requiring open reduction: a case report. De Smet L, et al. **J Hand Surg [Am]** 1984 Sep;9(5):717–8

Management of acute distal radioulnar dislocations associated with radial shaft substance loss. Foster RJ, et al. **J Hand Surg [Am]** 1985 Jan;10(1):72–5

Irreducible dorsal dislocations of the proximal interphalangeal joint. Green SM, et al. **J Hand Surg [Am]** 1985 Jan;10(1):85–7

Open radiocarpal fracture–dislocations. Nyquist SR, et al. **J Hand Surg [Am]** 1984 Sep;9(5):707–10

Open dorsal dislocations of the proximal interphalangeal joint. Stern PJ, et al. **J Hand Surg [Am]** 1985 May;10(3):364–70

Dorsal dislocation of the fourth and fifth carpometacarpal joints and simultaneous dislocation of the metacarpophalangeal joint of the small finger: a case report. Stevanovic MV, et al. **J Hand Surg [Am]** 1984 Sep;9(5):714–6

Combined reconstruction of volar and radial instability of a thumb metacarpo–phalangeal joint. Brewood AF, et al. **J Hand Surg [Br]** 1984 Oct;9(3):333–4

Dislocation of the hamate bone. Gunn RS. **J Hand Surg [Br]** 1985 Feb;10(1):107–8

Recurrent dorsal trans–scaphoid perilunate dislocation. Lowdon IM, et al. **J Hand Surg [Br]** 1984 Oct;9(3):307–10

Irreducible buttonhole dislocation of the proximal interphalangeal joint of the finger (a case report). Oni OO. **J Hand Surg [Br]** 1985 Feb;10(1):100

Repair of chronic subluxation of the distal radioulnar joint (ulnar dorsal) using flexor carpi ulnaris tendon. Tsai TM, et al. **J Hand Surg [Br]** 1984 Oct;9(3):289–94

Compound dislocations of four metacarpophalangeal joints. Wright CS. **J Hand Surg [Br]** 1985 Jun;10(2):233–5

Treatment post–traumatic locking become irreducible after manipulative manoeuvres. Verbiest H. **J Neurosurg Sci** 1984 Jul–Dec;28(3–4):163–5

Meniscoplasty of the displaced temporomandibular joint meniscus without violating the inferior joint space. Hall MB. **J Oral Maxillofac Surg** 1984 Dec;42(12):788–92

Acute traumatic dislocations of the patella. Jensen CM, et al. **J Trauma** 1985 Feb;25(2):160–2

Fracture dislocation of the knee managed by closed reduction. Connolly JF, et al. **Nebr Med J** 1984 Aug;69(8):275–7

Combined intra–articular and extra–articular reconstructions for anterior tibial subluxation. Zarins B. **Orthop Clin North Am** 1985 Apr;16(2):223–6

Transoral anterior decompression for treatment of unreducible atlantoaxial dislocations. Lee ST, et al. **Surg Neurol** 1985 Mar;23(3):244–8

[Complete suboccipital decompression for non–reducible atlantoaxial dislocation with spinal cord compression] Dai XZ. **Chung Hua Wai Ko Tsa Chih** 1984 Aug;22(8):488–90, 511 (Eng. Abstr.) (Chi)

[Dislocated fractures of the olecranon treated with osteosynthesis] Jensen CM, et al. **Ugeskr Laeger** 1984 Dec 3;146(49):3834–6 (Eng. Abstr.) (Dan)

[Forearm fractures with distal radio–ulnar dislocation] Møller JT, et al. **Ugeskr Laeger** 1984 Oct 29;146(44):3363–5 (Eng. Abstr.) (Dan)

[Fractures and dislocations of the cervical spine. Neurosurgical treatment and results] Mosdal C, et al. **Ugeskr Laeger** 1985 Apr 22;147(17):1387–92 (Eng. Abstr.) (Dan)

[Transposition of the coraco–acromial ligament according to the Weaver and Dunn technic in the treatment of old acromioclavicular dislocations.Apropos of 15 cases] Boussaton M, et al. **Acta Orthop Belg** 1985 Jan–Feb;51(1):80–90 (Eng. Abstr.) (Fre)

[Recurrent trapeziometacarpal dislocation treated by active ligament transfer of the short extensor] Randriamananjara NF, et al. **Acta Orthop Belg** 1985 Jan–Feb;51(1):110–7 (Eng. Abstr.) (Fre)

[Habitual forward luxation of the head of the ulna. Apropos of a case] Mestdagh H. **Ann Chir Main** 1984;3(3):253–7 (Eng. Abstr.) (Fre)

[Traumatic lesions of the ossicular chain; apropos of 31 cases] Chobaut JC, et al. **J Fr Otorhinolaryngol** 1984 Oct;33(8):401–6 (Fre)

[Bilateral luxation of L5–S1. Apropos of a case reduced and fixed at the 120th day] Guillamon JL, et al. **Rev Chir Orthop** 1985;71(4):269–74 (Eng. Abstr.) (Fre)

[Irreducible closed luxation of the distal interphalangeal joint. Apropos of 2 cases] Schuind F, et al. **Rev Chir Orthop** 1984;70(8):649–52 (Eng. Abstr.) (Fre)

[Value of the surgical treatment of subcondylar fractures. Apropos of a comparative study of 24 cases of luxation–fractures treated by to–and–fro osteosynthesis or by active protrusive mobilization] Cadenat H, et al. **Rev Stomatol Chir Maxillofac** 1984;85(6):455–64 (Eng. Abstr.) (Fre)

[Surgical treatment of recurrent mandibular luxation. A combined technic] Gay Escoda C, et al. **Rev Stomatol Chir Maxillofac** 1984;85(5):429–31 (Eng. Abstr.) (Fre)

[Myrhaug's operation. Apropos of 8 cases] Goertz JP, et al. **Rev Stomatol Chir Maxillofac** 1985;86(3):171–4 (Eng. Abstr.) (Fre)

[Treatment of inveterate unilateral dislocations of the mandible by open repositioning of the condyle and meniscectomy] Leyder P, et al. **Rev Stomatol Chir Maxillofac** 1985;86(3):175–9 (Eng. Abstr.) (Fre)

[Angulation osteotomy of the clavicle in old luxations of the acromioclavicular joint] Dannöhl C. **Aktuel Traumatol** 1984 Dec;14(6):282–4 (Ger)

[Operative treatment of avulsion fractures of the intercondylar eminence in childhood] Goudarzi YM. **Aktuel Traumatol** 1985 Apr;15(2):66–70 (Eng. Abstr.) (Ger)

[Replacement–plasty of the coronoid process in unstable elbow joint dislocations with avulsion fracture of the coronoid process and radius head crush fracture] Meeder PJ, et al. **Aktuel Traumatol** 1985 Apr;15(2):89–90 (Ger)

[Operative long-term results in delayed radius head dislocation in childhood] Schmitt E, et al. **Aktuel Traumatol** 1985 Feb;15(1):36–41 (Eng. Abstr.) (Ger)

[Experiences with the syndesmosis hook in tibiofibular ligament injuries] Engelbrecht E, et al. **Chirurg** 1984 Nov;55(11):749–55 (Ger)

[Treatment of acromioclavicular dislocations with the Balser hook plate and ligament suture] Kaiser W, et al. **Chirurg** 1984 Nov;55(11):721–4 (Eng. Abstr.) (Ger)

[Scapholunate dissociation] Buck-Gramcko D. **Handchir Mikrochir Plast Chir** 1985 Jul;17(4):194–9 (Eng. Abstr.) (Ger)

[Dorsal ligament reconstruction in scapholunate dissociation] Zilch H. **Handchir Mikrochir Plast Chir** 1985 Jul;17(4):200–2 (Eng. Abstr.) (Ger)

[Dislocation of the thumb saddle joint] Cavlak Y, et al. **Unfallchirurgie** 1984 Aug;10(4):211–2 (Eng. Abstr.) (Ger)

[Irreducible dislocations of the metacarpophalangeal joints] Meyer E, et al. **Unfallchirurgie** 1984 Aug;10(4):182–91 (Eng. Abstr.) (Ger)

[Functional treatment method following patellar dislocations] Scharf W, et al. **Unfallchirurgie** 1984 Dec;10(6):309–12 (Eng. Abstr.) (Ger)

[Various forms of unstable pelvic ring injuries and their treatment] Müller-Färber J, et al. **Unfallheilkunde** 1984 Nov;87(11):441–55 (Eng. Abstr.) (Ger)

[2 cases of pericardial tamponade caused by migration of fracture wires from the sternoclavicular joint] Gerlach D, et al. **Z Rechtsmed** 1984;93(1):53–60 (Eng. Abstr.) (Ger)

[Isolated dislocation in the distal radio-ulnar joint] Zuber M, et al. **Z Unfallchir Versicherungsmed Berufskr** 1984;77(2):107–10 (Ger)

[Operative treatment of unstable elbow dislocations] Böhnel P. **Zentralbl Chir** 1985;110(7):440–1 (Ger)

[Functional therapy in primary unstable injuries of the thoracic and lumbar spine. Indications and limits] Ludolph E, et al. **Zentralbl Chir** 1985;110(10):585–91 (Eng. Abstr.) (Ger)

[Traumatic scaphoid bone malposition of the hand] Machan FG. **Zentralbl Chir** 1985;110(10):626–7 (Ger)

[Late results in the treatment of subtalar dislocations] Schöntag H, et al. **Zentralbl Chir** 1984;109(22):1436–40 (Eng. Abstr.) (Ger)

[Management of habitual mandibular luxation by a modified Le Clerc operation] Köves Z, et al. **Fogorv Sz** 1984 Dec;77(12):374–6 (Eng. Abstr.) (Hun)

[Surgical management of lateral dislocation and fracture of the ankle without suture of the deltoid ligament] Bárány I, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985;28(3):206–10 (Hun)

[Surgical treatment of acromio-clavicular dislocations by ostcodesis and syndesmopexy] Costa P, et al. **Chir Organi Mov** 1982–83;68(4–6):629–36 (Eng. Abstr.) (Ita)

[A new technic for the stabilization of internal tibial rotatory subluxation] Marchetti PG, et al. **Chir Organi Mov** 1984;69(2):213–5 (Eng. Abstr.) (Ita)

[Surgical treatment of atlanto-axial dislocation. An introduction of two new methods] Koyama T, et al. **No Shinkei Geka** 1984 Dec;12(13):1503–10 (Eng. Abstr.) (Jpn)

[CT findings and surgical treatment of atlanto-axial rotatory fixation: a case report] Shoji A, et al. **No Shinkei Geka** 1984 Jul;12(8):987–92 (Eng. Abstr.) (Jpn)

[Reposition-reconstruction in dislocations of the acromioclavicular joint] Krawczyk E. **Chir Narzadow Ruchu Ortop Pol** 1984;49(4):335–8 (Eng. Abstr.) (Pol)

[Fracture-dislocation of the navicular bone] Modrzewski K, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(6):541–3 (Eng. Abstr.) (Pol)

[Closed dislocation of the ankle joint without bone injuries] Popko J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(1):15–7 (Eng. Abstr.) (Pol)

[Effectiveness of surgical treatment of recurrent lateral dislocation of the patella] Radziejowski M, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(1):23–6 (Eng. Abstr.) (Pol)

[Treatment of neglected dislocations and fracture-dislocations of the bones of the foot with an Ilizarov apparatus] Giul'nazarova SV, et al. **Ortop Travmatol Protez** 1985 Jan;(1):43–5 (Rus)

[Method of surgical treatment for habitual dislocation of the patella] Mironov SP, et al. **Ortop Travmatol Protez** 1985 Feb;(2):55–6 (Rus)

[An apparatus for arthroplasty of the interphalangeal joints and synthesis of the phalanges of the fingers] Nettov GG. **Ortop Travmatol Protez** 1984 Aug;(8):63–4 (Rus)

[Inveterate fracture-dislocations of the ankle joint and their treatment] Revenko TA, et al. **Ortop Travmatol Protez** 1985 Apr;(4):65–70 (Rus)

[A method of setting dislocations of the bones of the foot] Giul'nazarova SV, et al. **Vestn Khir** 1984 Oct;133(10):124–5 (Rus)

[Comparative evaluation of different treatment methods in inveterate fracture-subluxations of the ankle joint with injury to the tibiofibular syndesmosis] Knishevitskiĭ VM, et al. **Vestn Khir** 1984 Sep;133(9):93–6 (Eng. Abstr.) (Rus)

[Treatment of pseudarthrosis of the odontoid process of the axis and complicated transodontoid posterior subluxation of the atlas] Durov MF, et al. **Zh Vopr Neirokhir** 1985 Jan–Feb;(1):48–51 (Eng. Abstr.) (Rus)

[Personal experience with the treatment of traumatic luxations of the acromioclavicular joint] Kopáč C, et al. **Bratisl Lek Listy** 1984 Nov;82(5):1373–6 (Eng. Abstr.) (Slo)

THERAPY

Tarsometatarsal fracture-dislocation. van der Werf GJ, et al. **Acta Orthop Scand** 1984 Dec;55(6):647–51

Shoulder strength following acromioclavicular injury. Walsh WM, et al. **Am J Sports Med** 1985 May–Jun;13(3):153–8

Posttraumatic bacterial arthritis with luxation of the elbow. A case report. Winroth G, et al. **Arch Orthop Trauma Surg** 1984;103(3):227–9

Cryoanalgesia to relieve pain in diastasis of the symphysis pubis during pregnancy. Glynn CJ, et al. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1946–7

A comparative analysis of operative versus nonoperative treatment of grade III acromioclavicular separations. Galpin RD, et al. **Clin Orthop** 1985 Mar;(193):150–5

Posterior dislocation of the elbow. A simplified method of closed reduction. Hankin FM. **Clin Orthop** 1984 Nov;(190):254–6

Pedal dislocations. An overview. Smith TF. **Clin Podiatry** 1985 Apr;2(2):349–64 (50 ref.)

Common pediatric musculoskeletal emergencies. Nogi J. **Emerg Med Clin North Am** 1984 May;2(2):409–23 (11 ref.)

Management of trauma in the wilderness environment. Serra JB. **Emerg Med Clin North Am** 1984 Aug;2(3):635–47

Closed treatment of cervical fractures and dislocations. Misasi N, et al. **Ital J Orthop Traumatol** 1983 Nov;9 Suppl:57–81

Acromioclavicular separation—a plea for conservative treatment. Sorrells RB. **J Arkansas Med Soc** 1984 Oct;81(5):263–6

Treatment of fractures and dislocations of the thoracic and lumbar spine. Bohlman HH. **J Bone Joint Surg [Am]** 1985 Jan;67(1):165–9 (19 ref.)

Spontaneous rupture of the extensor mechanism causing ulnar dislocation of the long extensor tendon of the long finger. Two case reports [letter] Saleh M. **J Bone Joint Surg [Am]** 1985 Mar;67(3):505

Considerations on 135 vertebral fractures and/or dislocations with or without neurological impairment. Results of conservative and surgical treatment. Pagni CA, et al. **J Neurosurg Sci** 1984 Jul–Dec;28(3–4):223–32

Evaluation of arthrographically assisted splint therapy in treatment of TMJ disk displacement. Tallents RH, et al. **J Prosthet Dent** 1985 Jun;53(6):836–8

Lateral rotary manipulative maneuver in the treatment of subluxation and synovial entrapment of lumbar facet joints. Cui GF, et al. **J Tradit Chin Med** 1984 Sep;4(3):211–2

Fractures of the talus. Santavirta S, et al. **J Trauma** 1984 Nov;24(11):986–9

Anatomical and functional results after treatment of dislocated supracondylar fractures of the humerus in children. van Egmond DB, et al. **Neth J Surg** 1985 Apr;37(2):45–9

Unreduced dislocations. Lourie J. **Papua New Guinea Med J** 1984 Mar;27(1):32–6

Dislocations of the cervical spine: closed reduction under anaesthesia. Kleyn PJ. **Paraplegia** 1984 Oct;22(5):271–81

Closed reduction of lumbosacral fracture dislocations. Boyd MC, et al. **Surg Neurol** 1985 Mar;23(3):295–8

[Recent injuries of the lower cervical spine] Bombart M, et al. **Rev Chir Orthop** 1984;70(7):501–59 (Fre)

[Functional treatment of palmar edge fractures of the middle phalanx and palmar capsule ruptures of the interphalangeal joint] Strässle H, et al. **Handchir Mikrochir Plast Chir** 1984 Sep;16(3):186–8 (Eng. Abstr.) (Ger)

[Dislocation of Lisfranc's joint] Benkö Kónya J. **Magy Traumatol Orthop Helyreallito Sebesz** 1985;28(3):244–9 (Eng. Abstr.) (Hun)

[Bennett's fracture-luxation] Biancardi G, et al. **Chir Ital** 1983 Jun;35(3):421–6 (Eng. Abstr.) (Ita)

[Dislocations and fracture-dislocations of the elbow (long-term follow-up study of 48 cases)] Giancecchi F, et al. **Chir Organi Mov** 1982–83;68(4–6):653–9 (Eng. Abstr.) (Ita)

[Treatment of injury of the tibiofibular syndesmosis using wire traction] Modrzewski K. **Chir Narzadow Ruchu Ortop Pol** 1984;49(3):221–4 (Eng. Abstr.) (Pol)

[Injuries of the sacrum and coccyx in children] Bairov GA, et al. **Ortop Travmatol Protez** 1985 Jun;(6):10–2 (Eng. Abstr.) (Rus)

[Manual method of correcting subluxation of the cervical vertebrae in osteochondrosis] Iarovoĭ VK. **Ortop Travmatol Protez** 1984 Aug;(8):57–9 (Rus)

[Fractures of the head of the humeral condyle associated with elbow joint dislocation in children] Sysa NF. **Ortop Travmatol Protez** 1985 Apr;(4):35–7 (Eng. Abstr.) (Rus)

[Causes of failure of conservative treatment of so-called uncomplicated dislocations and fracture-dislocations of the cervical vertebrae] Ungbaev TE, et al. **Ortop Travmatol Protez** 1984 Dec;(12):8–11 (Eng. Abstr.) (Rus)

[Characteristics of therapeutic measures in injuries of ballet dancers] Volkov MV, et al. **Ortop Travmatol Protez** 1984 Jul;(7):19–23 (Eng. Abstr.) (Rus)

VETERINARY

Scapulohumeral luxation with treatment by closed reduction in a horse. Wilson RG, et al. **Aust Vet J** 1984 Sep;61(9):300–1

Disorders of the carpus in the dog. I. Vaughan LC. **Br Vet J** 1985 Jul–Aug;141(4):332–41

Periosteal transection and stripping for treatment of angular limb deformities in foals: radiographic observations. Bertone AL, et al. **J Am Vet Med Assoc** 1985 Jul 15;187(2):153–6

Ventral approach for stabilization of atlantoaxial subluxation secondary to odontoid fracture in a foal. McCoy DJ, et al. **J Am Vet Med Assoc** 1984 Sep 1;185(5):545–9

Ventrolateral approach for repair of sacroiliac fracture-dislocation in the dog and cat. Montavon PM, et al. **J Am Vet Med Assoc** 1985 Jun 1;186(11):1198–201

Trochlear recession for correction of luxating patella in the dog. Slocum B, et al. **J Am Vet Med Assoc** 1985 Feb 15;186(4):365–9

Carpometacarpal deformity in giant Canada geese (Branta canadensis maxima Delacour). Kreeger TJ, et al. **J Wildl Dis** 1984 Jul;20(3):245–8

DISODIUM CROMOGLYCATE

ADMINISTRATION & DOSAGE

Nebulised sodium cromoglycate in recurrently wheezy preschool children. Cogswell JJ, et al. **Arch Dis Child** 1985 Aug;60(8):736–8

Bronchodilator effect of disodium cromoglycate administered as a dry powder in exercise induced asthma. Horn CR, et al. **Br J Clin Pharmacol** 1984 Nov;18(5):798–801

Treatment of seasonal conjunctivitis: comparison of 2% and 4% sodium cromoglycate ophthalmic solutions. Vakil DV, et al. **Can J Ophthalmol** 1984 Aug;19(5):207–11

Treatment of contact lens-induced giant papillary conjunctivitis. Donshik PC, et al. **CLAO J** 1984 Oct–Dec;10(4):346–50

Cromolyn nasal aerosol. Mabry RL. **Otolaryngol Head Neck Surg** 1985 Feb;93(1):135–6

Sodium cromoglycate more effective in small-particle inhalations. Altounyan RE. **Practitioner** 1985 May;229(1403):396–7

Dose-response effect of sodium cromoglycate pressurised aerosol in exercise induced asthma. Tullett WM, et al. **Thorax** 1985 Jan;40(1):41–4

IMMUNOLOGY

The topical effects of Wy-41,195 [2-cyano-3-(methylamino)phenylamino] oxoacetic acid, sodium salt and disodium cromoglycate in the rat passive eyelid anaphylaxis. Carlson RP, et al. **Int Arch Allergy Appl Immunol** 1985;76(1):89–90

METABOLISM

The nasal absorption of sodium cromoglycate in the albino rat. Fisher AN, et al. **J Pharm Pharmacol** 1985 Jan;37(1):38–41

PHARMACODYNAMICS

Inhibition by drugs of passive cutaneous anaphylaxis-induced skin histamine decrease. Yokoyama H, et al. **Acta Med Okayama** 1984 Aug;38(4):357–65

Actions of disodium cromoglycate (DSCG) on human skin responses to histamine, codeine and Paf-acether. Archer CB, et al. **Agents Actions** 1985 Mar;16(1–2):6–8

Effects of cromolyn on codeine-induced histamine release in vivo. Ting S, et al. **Allergy** 1984 Oct;39(7):493–7

Influence of cromolyn sodium on airway temperature in normal subjects. Pichurko BM, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1002–5

Sodium cromoglycate-induced changes in the dose-response curve of inhaled methacholine in cystic fibrosis. Mitchell I. **Ann Allergy** 1985 Mar;54(3):233–5

Activity of rapidly-adapting receptors to histamine and antigen challenge before and after sodium cromoglycate. Bergren DR, et al. **Arch Int Pharmacodyn Ther** 1985 Jan;273(1):88–99

Effect of disodium cromoglycate on the action of bronchoactive agents in guinea-pig tracheal strips. Kitamura S, et al. **Arzneimittelforsch** 1984;34(9):1002–4

Inhibition of methoxamine-induced bronchoconstriction by ipratropium bromide and disodium cromoglycate in asthmatic subjects. Black J, et al. **Br J Clin Pharmacol** 1985 Jul;20(1):41–6

Cromolyn sodium. Bernstein IL. **Chest** 1985 Jan;87(1 Suppl):68S–73S (35 ref.)

Sodium cromoglycate and related drugs. Church MK, et al. **Clin Allergy** 1985 Jul;15(4):311–20 (52 ref.)

Effect of disodium cromoglycate on anti-IgE induced early and late skin response in humans. Grönneberg R, et al. **Clin Allergy** 1985 Mar;15(2):167–71

The effect of disodium cromoglycate (DSCG) on the levels of albumin and the immunoglobulins IgA, IgG, IgM and IgE in sputum. Turner KJ, et al. **Clin Allergy** 1975 Mar;5(1):59–67

The effect of intravenous sodium cromoglycate on the bronchoconstriction induced by sulphur dioxide inhalation in man. Allistone A, et al. **Clin Sci** 1985 Feb;68(2):227-32

Human mast cells recovered by bronchoalveolar lavage: their morphology, histamine release and the effects of sodium cromoglycate. Flint KC, et al. **Clin Sci** 1985 Apr; 68(4):427-32

Disodium cromoglycate inhibits allergic patch test reactions. Meffert H, et al. **Contact Dermatitis** 1985 Jan;12(1):18-20

Effect of disodium chromoglycate on changes in nasal airway resistance induced by platelet activating factor. Karlsson G, et al. **Eur J Clin Pharmacol** 1984;27(3):371-3

Functional characteristics of mucosal and connective tissue mast cells of man, the rat and other animals. Pearce FL, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):274-6

Effects of calcium chelating agents on corneal permeability. Grass GM, et al. **Invest Ophthalmol Vis Sci** 1985 Jan; 26(1):110-3

[Disodium cromoglycate, DSCG] Weber R. **Med Monatsschr Pharm** 1985 Feb;8(2):34-6 (Ger)

THERAPEUTIC USE

A comparison of beclomethasone dipropionate aqueous nasal spray and sodium cromoglycate nasal spray in the management of seasonal allergic rhinitis. Morrow-Brown H, et al. **Allergol Immunopathol (Madr)** 1984 Sep-Oct; 12(5):355-61

Comparison of long term treatment of asthmatic children with hyposensitization, ACTH, DSCG and Ketotifen. Osváth P, et al. **Allergol Immunopathol (Madr)** 1984 Nov-Dec;12(6):471-7

Treatment of seasonal allergic rhinitis with budesonide and disodium cromoglycate. A double-blind clinical comparison between budesonide and disodium cromoglycate. Bjerrum P, et al. **Allergy** 1985 Jan;40(1):65-9

Oral sodium cromoglycate treatment of atopic dermatitis related to food allergy. Daugbjerg PS, et al. **Allergy** 1984 Oct;39(7):535-41

Long-term modification on histamine-induced bronchoconstriction by disodium cromoglycate and ketotifen versus placebo. Gozalo Reques F, et al. **Allergy** 1985 May;40(4):242-9

Comparison of the therapeutic efficacy of cromolyn sodium with that of combined chlorpheniramine and cimetidine in systemic mastocytosis. Results of a double-blind clinical trial. Frieri M, et al. **Am J Med** 1985 Jan;78(1):9-14

Combination drug therapy in children with exercise-induced bronchospasm. Cummings NP, et al. **Ann Allergy** 1984 Nov; 53(5):395-400

Oral cromolyn sodium in milk induced anaphylaxis. Jones EA Jr. **Ann Allergy** 1985 Mar;54(3):199-201

Cromolyn prevents bronchospastic attacks caused by Bacillus Calmette Geurin immunotherapy for malignant melanoma patient. Wishnitzer R, et al. **Ann Allergy** 1985 Aug; 55(2):167-9

The efficacy of cromolyn sodium in the treatment of childhood asthma [letter] Wolk MH. **Ann Allergy** 1985 Mar; 54(3):260

Beclomethasone dipropionate and betamethasone valerate with sodium cromoglycate in steroid-dependent asthma in adults. Gkupta SK, et al. **Asian Pac J Allergy Immunol** 1985 Jun;3(1):84-8

Topical sodium cromoglycate in the management of atopic eczema—a controlled trial. Ariyanayagam M, et al. **Br J Dermatol** 1985 Mar;112(3):343-8

The effect of nedocromil sodium and sodium cromoglycate on antigen-induced bronchoconstriction in the Ascaris-sensitive monkey. Eady RP, et al. **Br J Pharmacol** 1985 Jun;85(2):323-5

Disodium cromoglycate compared with beclomethasone dipropionate in juvenile asthma. Francis RS, et al. **Clin Allergy** 1984 Nov;14(6):537-40

Anticholinergics, cromolyn, and other occasionally useful drugs. George RB, et al. **Clin Chest Med** 1984 Dec; 5(4):685-93 (70 ref.)

Inhibition of exercise-induced asthma by three forms of sodium cromoglycate. Boner AL, et al. **Eur J Respir Dis** 1985 Jan;66(1):21-4

Cromolyn sodium in the treatment of asthma: coming of age in the United States. Bernstein IL. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 2):381-8

Modification of bronchial hyperreactivity after treatment with sodium cromoglycate during pollen season. Löwhagen O, et al. **J Allergy Clin Immunol** 1985 Apr; 75(4):460-7

Bronchial hyperreactivity after treatment with sodium cromoglycate in atopic asthmatic patients not exposed to relevant allergens. Löwhagen O, et al. **J Allergy Clin Immunol** 1985 Mar;75(3):343-7

Clinical, physiologic, and psychologic comparison of treatment by cromolyn or theophylline in childhood asthma. Springer C, et al. **J Allergy Clin Immunol** 1985 Jul;76(1):64-9

Migraine is a food-allergic disease. Monro J, et al. **Lancet** 1984 Sep 29;2(8405):719-21

Cromolyn sodium for allergic conjunctivitis. **Med Lett Drugs Ther** 1985 Jan 18;27(679):7-8

A double-blind study comparing the effectiveness of cromolyn sodium and sustained-release theophylline in childhood asthma. Furukawa CT, et al. **Pediatrics** 1984 Oct;74(4):433-9

Cromolyn sodium: a review. Shapiro GG, et al. **Pharmacotherapy** 1985 May-Jun;5(3):156-70 (185 ref.)

A comparison of the inhibitory effects of ketotifen and disodium cromoglycate on bronchial responses to house dust, with special reference to the late asthmatic response. Adachi M, et al. **Pharmatherapeutica** 1984;4(1):36-42

Sodium cromoglycate/chlorpheniramine and sodium cromoglycate nasal sprays in the treatment of seasonal rhinitis. van Niekerk CH. **S Afr Med J** 1985 May 17; 67(20):801-3

Sodium cromoglycate and atropine block the fall in FEV1 but not the cough induced by hypotonic mist. Fuller RW, et al. **Thorax** 1984 Oct;39(10):766-70

[Comparative study of the effect of intal and zaditen in patients with atopic bronchial asthma at Sandanski health resort] Petrov D, et al. **Vutr Boles** 1985;24(2):65-70 (Eng. Abstr.) (Bul)

[Treatment of ulcerative colitis with disodium cromoglycate enemas and Chinese medicine] Wu WY. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):624-5 (Chi)

[Erythema annulare centrifugum in an infant. Effect of disodium cromoglycate in a drinkable solution (letter)] Prigent F, et al. **Presse Med** 1984 Dec 22;13(46):2817 (Fre)

[Sodium cromoglycate in the treatment of dermatitis herpetiformis (letter)] Senot Y, et al. **Presse Med** 1985 Feb 2;14(4):227 (Fre)

[Evaluation of basic treatment of asthmatic disease. Apropos of 150 cases] Dakhlia S, et al. **Tunis Med** 1984 May-Jun; 62(3):261-4 (Fre)

[Cold air hyperventilation provocation of the hyperreactive respiratory tract in children—evaluation of the antiasthma protective effect of a combination preparation (disodium cromoglycate plus reproterol)] Zach M. **Prax Klin Pneumol** 1985 Aug;39(8):269-75 (Eng. Abstr.) (Ger)

[Disodium cromoglycate—15 years of experience (editorial)] Wiener P. **Harefuah** 1983 Oct 16;105(8):239-40 (Heb)

[Use of disodium cromoglycate in the treatment of allergic rhinitis] Kadocsa E. **Orv Hetil** 1984 Dec 2; 125(49):2999-3001 (Eng. Abstr.) (Hun)

[Evaluation of the efficacy of ipratropium-fenoterol in the prevention of bronchospasm induced by exertion in comparison with disodium cromoglycate] Rampulla C, et al. **Arch Monaldi** 1983 Sep-Dec;38(5-6):295-304 (Ita)

[Disodium cromoglycate in atopic dermatitis: Double-blind therapeutic experience] Giannetti A, et al. **G Ital Dermatol Venereol** 1984 Sep-Oct;119(5):365-7 (Eng. Abstr.) (Ita)

[Treatment of atopic dermatitis with sodium cromoglycate in children not selected for food allergy] Boner AL, et al. **Minerva Pediatr** 1985 Mar 31;37(5-6):263-8 (Eng. Abstr.) (Ita)

[Pharmacological prevention of exercise-induced bronchospasm: review of the literature and trial of disodium cromoglycate, fenoterol and ipratropium bromide in a pediatric population] Verini M, et al. **Pediatr Med Chir** 1983 Nov-Dec;5(6):501-9 (Eng. Abstr.) (Ita)

[Investigation of the inhibiting mechanism of disodium cromoglycate in exercise-induced bronchospasm] Umeno E, et al. **Arerugi** 1985 May;34(5):320-8 (Eng. Abstr.) (Jpn)

[Ineffectiveness of disodium cromoglycate in the treatment of a diarrheal form of irritable bowel syndrome] Tomecki R. **Pol Tyg Lek** 1985 Feb 18;40(7):181-2 (Eng. Abstr.) (Pol)

DISODIUM ETIDRONATE see SODIUM ETIDRONATE

DISOPYRAMIDE

Pharmacologically active conformation of disopyramide: evidence from apparent pKa measurements. Czeisler JL, et al. **J Pharm Sci** 1985 Jul;74(7):750-4

ADMINISTRATION & DOSAGE

Disopyramide-pyridostigmine: report of a beneficial drug interaction. Teichman SL, et al. **J Cardiovasc Pharmacol** 1985 Jan-Feb;7(1):108-13

ADVERSE EFFECTS

Disopyramide-induced urinary retention [letter] Alves LE, et al. **Arch Intern Med** 1984 Oct;144(10):2099

Ocular side effects of disopyramide. Frucht J, et al. **Br J Ophthalmol** 1984 Dec;68(12):890-1

[Rare complication in disopyramide treatment] Smolenskii VS, et al. **Klin Med (Mosk)** 1984 Nov;62(11):108-10 (Rus)

ANALOGS & DERIVATIVES

Relationship between alpha 1-acid glycoprotein and plasma binding of disopyramide and mono-N-dealkyldisopyramide. Bredesen JE, et al. **Br J Clin Pharmacol** 1984 Nov;18(5):779-84

Kinetics and dynamics of disopyramide and its dealkylated metabolite in healthy subjects. Chiang WT, et al. **Clin Pharmacol Ther** 1985 Jul;38(1):37-44

Protein binding of disopyramide—displacement by mono-N-dealkyldisopyramide and variation with source of alpha-1-acid glycoprotein. Haughey DB, et al. **J Pharm Pharmacol** 1985 Apr;37(4):285-8

[Trial of the clinical use of Ritmilen] Kushakovskii MS, et al. **Kardiologiia** 1985 May;25(5):29-35 (Eng. Abstr.) (Rus)

BLOOD

Factors affecting the binding of disopyramide to serum proteins. Shaw LM, et al. **Clin Chem** 1985 Apr;31(4):616-9

The acute changes in serum binding of disopyramide and flecainide after myocardial infarction. Caplin JL, et al. **Eur J Clin Pharmacol** 1985;28(3):253-5

Gas-chromatographic determination of disopyramide with nitrogen detection. Gal J, et al. **J Anal Toxicol** 1980 Jan-Feb;4(1):15-9

Determination of (R)- and (S)-disopyramide in human plasma using a chiral alpha 1-acid glycoprotein column. Hermansson J, et al. **J Chromatogr** 1984 Dec 12; 336(2):321-8

Pharmacokinetic-pharmacodynamic analysis of unbound disopyramide directly measured in serial plasma samples in man. Thibonnier M, et al. **J Pharmacokinet Biopharm** 1984 Dec;12(6):559-73

Stereoselective binding of disopyramide to human plasma protein. Lima JJ, et al. **Life Sci** 1984 Aug 20;35(8):835-9

Applicability of capillary gas liquid chromatography to the measurement of free fraction of disopyramide in human plasma. Kapil RP, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr;48(1):153-6

[Clinical application of immuno-precipitation inhibition technique for determination of disopyramide in human plasma] Nishino T, et al. **Hokkaido Igaku Zasshi** 1984 Jul; 59(4):488-95 (Eng. Abstr.) (Jpn)

DIAGNOSTIC USE

Disopyramide induced second and third degree atrioventricular block in patients with bifascicular block. An acute stress test to predict atrioventricular block progression. Bergfeldt L, et al. **Br Heart J** 1985 Mar; 53(3):328-34

Predictive value of disopyramide provocation in chronic bifascicular block—long-term follow-up with a bradycardia indicating pacemaker. Talwar KK, et al. **Indian Heart J** 1985 Mar-Apr;37(2):105-9

METABOLISM

Kinetics of disopyramide after intravenous infusion to patients with myocardial infarction and heart failure. Bonde J, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Apr; 56(4):278-82

Protein binding of disopyramide and elevated alpha-1-acid glycoprotein concentrations in serum obtained from dialysis patients and renal transplant recipients. Haughey DB, et al. **Am J Nephrol** 1985;5(1):35-9

Relationship between alpha 1-acid glycoprotein and plasma binding of disopyramide and mono-N-dealkyldisopyramide. Bredesen JE, et al. **Br J Clin Pharmacol** 1984 Nov;18(5):779-84

Excretion of disopyramide in human breast milk [letter] MacKintosh D, et al. **Br J Clin Pharmacol** 1985 Jun; 19(6):856-7

Kinetics and dynamics of disopyramide and its dealkylated metabolite in healthy subjects. Chiang WT, et al. **Clin Pharmacol Ther** 1985 Jul;38(1):37-44

Atenolol inhibits the elimination of disopyramide. Bonde J, et al. **Eur J Clin Pharmacol** 1985;28(1):41-3

Effect of dose of charcoal on the absorption of disopyramide, indomethacin and trimethoprim by man. Neuvonen PJ, et al. **Eur J Clin Pharmacol** 1984;26(6):761-7

Disopyramide pharmacokinetics in patients with acute myocardial infarction. Pentikäinen PJ, et al. **Eur J Clin Pharmacol** 1985;28(1):45-51

Disopyramide and quinidine bind with inverse selectivity to muscarinic receptors in cardiac and extracardiac rat tissues. Schreiber G, et al. **J Cardiovasc Pharmacol** 1985 Mar-Apr; 7(2):390-3

Protein binding of disopyramide—displacement by mono-N-dealkyldisopyramide and variation with source of alpha-1-acid glycoprotein. Haughey DB, et al. **J Pharm Pharmacol** 1985 Apr;37(4):285-8

Influence of serum protein binding on hepatic clearance of S-disopyramide in the rabbit. Huang JD, et al. **J Pharm Pharmacol** 1985 Jul;37(7):471-5

Disopyramide pharmacokinetics and bioavailability following the simultaneous administration of disopyramide and 14C-disopyramide. Lima JJ, et al. **J Pharmacokinet Biopharm** 1984 Jun;12(3):289-313

Disopyramide elimination in the isolated perfused rat liver. Lennard MS, et al. **Xenobiotica** 1984 Nov;14(11):885-92

PHARMACODYNAMICS

Disopyramide. Vaughan Williams EM. **Ann NY Acad Sci** 1984;432:189-200 (56 ref.)

Efficacy of disopyramide in comparison with verapamil and propranolol in the prevention of acetylcholine-induced atrial fibrillation in the dog. Bertrix L, et al. **Arch Int Pharmacodyn Ther** 1985 Mar;274(1):97-110

The effects of disopyramide phosphate on serum glucose and glucose counterregulation in the dog. Means JR, et al. **Fundam Appl Toxicol** 1985 Jun;5(3):539-45

Evaluation of combined administration of verapamil and disopyramide in dogs. Lee JT, et al. **J Cardiovasc Pharmacol** 1985 May-Jun;7(3):501-7

Blockage of the sodium current in isolated single cells from rat ventricle with mexiletine and disopyramide. Yatani A, et al. **J Mol Cell Cardiol** 1985 May;17(5):467-76

Effects of disopyramide on the electrocardiogram and ventricular function in the unanesthetized dog. Crosby HH, et al. **J Vet Pharmacol Ther** 1984 Sep;7(3):167–75

[Disopyramide phosphate: the electrophysiological mechanisms of its anti-arrhythmia action and its use in clinical practice] Grosu AA. **Kardiologiia** 1985 May; 25(5):114–8 (61 ref.) (Rus)

POISONING

[A case of severe disopyramide poisoning, treated successfully by haemodialysis] Kurasawa T, et al. **Kokyu To Junkan** 1985 May;33(5):711–5 (Eng. Abstr.) (Jpn)

THERAPEUTIC USE

Comparison of propafenone and disopyramide for treatment of chronic ventricular arrhythmias: placebo-controlled, double-blind, randomized crossover study. Naccarella F, et al. **Am Heart J** 1985 Apr;109(4):833–40

Atrial tachyarrhythmias after cardiac surgery: results of disopyramide therapy. Gavaghan TP, et al. **Aust NZ J Med** 1985 Feb;15(1):27–32

Prophylaxis against ventricular arrhythmias in suspected acute myocardial infarction: a comparison of tocainide and disopyramide. Allen-Narker RA, et al. **Br J Clin Pharmacol** 1984 Nov;18(5):725–32

Maintenance therapy after i.v. administration of disopyramide with an oral sustained release preparation, a pharmacokinetic study. Liem KL, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):226–8

Dihydroquinidine versus disopyramide: efficacy in patients with chronic stable ventricular ectopy. Chimienti M, et al. **Clin Cardiol** 1984 Oct;7(10):538–46

Comparative study of encainide and disopyramide in chronic ventricular arrhythmias: a double-blind placebo-controlled crossover study. Caron JF, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1457–63

[Characteristics of the ritmilen treatment of stable extrasystole in middle-aged and elderly ischemic heart disease patients] Korkushko OV, et al. **Klin Med (Mosk)** 1985 Apr;63(4):30–6 (Rus)

DISPENSATORIES

[Research methodology and aspects of the morbidity and effectiveness of hospitalization in mental disorders. V. Contributions on the increased efficiency of medical assistance of hospitalized mental patients] Lăpuşan L, et al. **Rev Med Interna [Neurol Psihiatr]** 1984 Apr–Jun; 29(2):121–9 (31 ref.) (Eng. Abstr.) (Rum)

DISPLACEMENT (PSYCHOLOGY)

Emergence of displacement activities in the male rat following thwarting of sexual behavior. Hansen S, et al. **Behav Neurosci** 1984 Oct;98(5):868–83

Adolescent perceptions of family scapegoating: a comparison of parental and sibling involvement. Arnold JD. **J Adolesc** 1985 Jun;8(2):159–65

DISPOSABLE EQUIPMENT

Tissue pH monitoring by a disposable sensor in critically ill neonates. Chaudhry U, et al. **Am J Dis Child** 1985 Oct; 139(10):1049–53

Microbial contamination potential of sterile disposable plastic syringes. Huey WY, et al. **Am J Hosp Pharm** 1985 Jan; 42(1):102–5

Evaluating disposable briefs. Boulton SW, et al. **Am J Nurs** 1984 Nov;84(11):1413, 1439

Mass spectral identification of benzothiazole derivatives leached into injections by disposable syringes. Salmona G, et al. **Biomed Mass Spectrom** 1984 Sep;11(9):450–4

Defibrillator electrode-chest wall coupling agents: influence on transthoracic impedance and shock success. Aylward PE, et al. **J Am Coll Cardiol** 1985 Sep;6(3):682–6

Unique aspects of steam sterilization validation of disposable syringe components. Ventura DA, et al. **J Parenter Sci Technol** 1984 Nov–Dec;38(6):212–4

Pollution of insulin with silicone oil, a hazard of disposable plastic syringes [letter] Chantelau EA, et al. **Lancet** 1985 Jun 22;1(8443):1459

Reuse of medical devices [letter] de Souza D. **Med J Aust** 1984 Sep 15;141(6):394

Modification of a disposable needle for renal biopsy in children and transplant recipients. Chevalier RL. **Nephron** 1985;39(4):393–4

[Disposable equipment for peridural analgesia] Melloni C, et al. **Minerva Anestesiol** 1984 Jul–Aug;50(7–8):411–20 (Eng. Abstr.) (Ita)

ECONOMICS

Disposable double-lumen tubes. A cost-effectiveness survey. Linter SP. **Anaesthesia** 1985 Feb;40(2):191–2

STANDARDS

Sterility of disposable syringes [letter] Ward RM, et al. **Anaesthesia** 1985 Feb;40(2):201–2

An unusual source of leak in the anesthesia circuit [letter] Colavita RD, et al. **Anesthesiology** 1985 Feb;62(2):208–9

Disposable needle and syringe containers. Weinstein SA. **Infect Control** 1985 Jan;6(1):41–3

UTILIZATION

Controlling OR infections: reusing disposables. Dagenais C, et al. **Dimens Health Serv** 1984 Sep;61(9):21–3

DISSECTING ANEURYSM see ANEURYSM, DISSECTING

DISSECTION

Reactions of medical students to dissection. Penney JC. **J Med Educ** 1985 Jan;60(1):58–60

HISTORY

Four testimonia to human dissection in Byzantine times. Bliquez LJ, et al. **Bull Hist Med** 1984 Winter;58(4):554–7

INSTRUMENTATION

Adjuvant use of the suction lipectomy cannula for blunt dissection. Hallock GG. **Aesthetic Plast Surg** 1985; 9(2):107–8

A black flexible support with excellent optic qualities for microdissection of nerve tissues [letter] Mena R, et al. **J Neurosci Methods** 1984 Sep;11(4):291–2

[Method of dissecting peripheral nerve sheaths with an ultrasonic microscalpel that does not disturb neural conduction] Ermishkin VV, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):631–3 (Eng. Abstr.) (Rus)

METHODS

Microdissection by ultrasonication: porosity of the intestinal epithelial basal lamina. McClugage SG, et al. **Am J Anat** 1984 Oct;171(2):207–16

Immunodissection: use of monoclonal antibodies to isolate specific types of renal cells. Smith WL, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F1–7 (38 ref.)

An extended Kocher incision for bilateral adrenalectomy. Chino ES, et al. **Am J Surg** 1985 Feb;149(2):292–4

Ultrasonic microdissection of the mouse mandible: exposure of the vasculature of alveolar bone and myelinated axons of the pulp. Johnson RB, et al. **Anat Rec** 1985 Jan; 211(1):96–101

Facial nerve injury during surgery of the temporomandibular joint: a comparison of two dissection techniques. Hall MB, et al. **J Oral Maxillofac Surg** 1985 Jan;43(1):20–3

[Morphological studies on the ramus spinalis of Japanese cadavers by the corrosion-casting method] Yokouchi M. **Nippon Ika Daigaku Zasshi** 1984 Aug;51(4):492–510 (Eng. Abstr.) (Jpn)

DISSEMINATED INTRAVASCULAR COAGULATION

Disseminated intravascular coagulation. **Bibl Haematol** 1983; (49):1–354

Disseminated intravascular coagulation: a review. Roseman B. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):551–6 (52 ref.)

[Syndrome of disseminated intravascular coagulation after surgery on major vessels] Kliachkin ML, et al. **Vestn Khir** 1985 Jan;134(1):134 (Rus)

BLOOD

Abruptio placentae and disseminated intravascular coagulation. Gilabert J, et al. **Acta Obstet Gynecol Scand** 1985;64(1):35–9

Estimation of coagulation-fibrinolytic factors in DIC. Hasegawa H. **Bibl Haematol** 1983;(49):173–80

Fibrinogen proteolysis by thrombin, plasmin and platelet release in relation to disseminated intravascular coagulation. Nossel HL. **Bibl Haematol** 1983;(49):151–62

Disseminated intravascular coagulation and the balance between blood coagulation and fibrinolysis. Astrup T, et al. **Folia Haematol (Leipz)** 1984;111(4):407–15

Bleeding following snake-bite. Mehta PJ, et al. **J Assoc Physicians India** 1984 May;32(5):389

Reduction of contact factors in sickle cell disease. Gordon EM, et al. **J Pediatr** 1985 Mar;106(3):427–30

Vasoactive agents and production of thrombosis during intravascular coagulation 1—comparative effects of norepinephrine in thrombin and adenosine diphosphate (ADP) treated rabbits. Latour JG, et al. **Pathology** 1984 Oct;16(4):411–7

Procoagulant cellular activity and disseminated intravascular coagulation in acute non-lymphoid leukaemia. Guarini A, et al. **Scand J Haematol** 1985 Feb;34(2):152–6

Behaviour of protein C inhibitor in intravascular coagulation and liver disease. Francis RB Jr, et al. **Thromb Haemost** 1984 Aug 31;52(1):71–4

Heparin cofactor II determination—levels in normals and patients with hereditary antithrombin III deficiency and disseminated intravascular coagulation. Tran TH, et al. **Thromb Haemost** 1984 Oct 31;52(2):112–6

Plasma fibronectin concentration in patients with acquired consumptive coagulopathies. Cembrowski GS, et al. **Thromb Res** 1984 Dec 1;36(5):437–45

[Automation of colorimetry using chromogenic substrates, with special reference to blood coagulation disorders in acute myelocytic leukemia] Hashizume K, et al. **Rinsho Byori** 1985 Feb;Spec No 61:114–8 (Jpn)

[Approach of hematology. Abnormal findings of coagulation and fibrinolytic factors in DIC] Ikematsu S, et al. **Rinsho Byori** 1984 Aug;32(8):862–8 (Jpn)

[Monitoring system for an abnormal blood coagulation mechanism (DIC)] Kita E. **Rinsho Byori** 1984 Oct; 32(10):1091–6 (Jpn)

[Method for determining the age of the fibrin in the disseminated intravascular coagulation syndrome] Zerbino DD, et al. **Arkh Patol** 1984;46(8):72–5 (Eng. Abstr.) (Rus)

CHEMICALLY INDUCED

[Thrombopenia and disseminated intravascular coagulation induced by calcium heparinate] Carpentier C, et al. **Cah Anesthesiol** 1984 May–Jun;32(4):325–6 (Fre)

[Effect of intraperitoneal injedtion of topical thrombin on the coagulation and fibrinolysis of rabbits with experimental liver damages] Ishii H, et al. **Nippon Yakurigaku Zasshi** 1985 Feb;85(2):97–110 (Eng. Abstr.) (Jpn)

COMPLICATIONS

Acute systemic lupus erythematosus with fatal pneumonitis and disseminated intravascular coagulation. Chellingsworth M, et al. **Ann Rheum Dis** 1985 Jan;44(1):67–9

Evidence for intravascular coagulation in systemic onset, but not polyarticular, juvenile rheumatoid arthritis. Scott JP, et al. **Arthritis Rheum** 1985 Mar;28(3):256–61

Features of DIC in dengue hemorrhagic fever. Funahara Y, et al. **Bibl Haematol** 1983;(49):201–11

Disseminated intravascular coagulation in Korean hemorrhagic fever. Lee M, et al. **Bibl Haematol** 1983; (49):181–99

The kinin-forming enzyme system in pregnancy and obstetrical DIC. Maki M, et al. **Bibl Haematol** 1983; (49):239–46

Phenotypic and ultrastructural characterization of a medullary thymocyte acute lymphoblastic leukemia with cellular procoagulant activity. Chorba TL, et al. **Cancer** 1985 Feb 1;55(3):675–81

Hemangioendothelioma with intravascular coagulation and ischemic colitis. Weinblatt ME, et al. **Cancer** 1984 Nov 15;54(10):2300–4

Lack of correlation between delayed traumatic intracerebral haematoma and disseminated intravascular coagulation. Sawada Y, et al. **J Neurol Neurosurg Psychiatry** 1984 Oct; 47(10):1125–7

Nonbacterial thrombotic endocarditis as a cause of cerebral and myocardial infarction. Kuramoto K, et al. **Jpn Circ J** 1984 Sep;48(9):1000–6

alpha 2 Antiplasmin and disseminated intravascular coagulation in liver cirrhosis. Marongiu F, et al. **Thromb Res** 1985 Jan 15;37(2):287–94

[Skin manifestations of disseminated intravascular coagulation] Sigal M, et al. **Ann Dermatol Venereol** 1984; 111(8):763–4 (Fre)

[Emergency uterine embolization in postpartum hemorrhage secondary to coagulopathy] Duvauferrier R, et al. **J Radiol** 1984 Apr;65(4):285–8 (Eng. Abstr.) (Fre)

[A case of suppressor/cytotoxic T cell lymphoma originating from the skin and revealing a rapid clinical course due to DIC] Maeda K, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jul;94(8):913–20 (Jpn)

[Clinical study of coagulopathy in renal failure. 1. Vitamin K-deficient hemorrhage] Kijima Y, et al. **Nippon Naika Gakkai Zasshi** 1984 Jul;73(7):986–94 (Jpn)

[Stroke and/or cerebral dysfunction in geriatric patients with DIC] Yamanouchi H, et al. **Nippon Ronen Igakkai Zasshi** 1985 Mar;22(2):100–5 (Eng. Abstr.) (Jpn)

[Diffuse encephalomalacia in a newborn infant with septicemia complicated by disseminated intravascular coagulation] Godula-Stuglik U, et al. **Pediatr Pol** 1984 Aug;59(8):659–62 (Pol)

[Skin manifestations in disseminated intravascular coagulation syndrome] Koliadenko VG, et al. **Vestn Dermatol Venerol** 1985 May;(5):31–6 (Eng. Abstr.) (Rus)

DIAGNOSIS

Clinical application of platelet shape determination for diagnosis of DIC. Hattori A, et al. **Bibl Haematol** 1983; (49):131–47

Criteria for diagnosis of DIC based on the analysis of clinical and laboratory findings in 345 DIC patients collected by the Research Committee on DIC in Japan. Kobayashi N, et al. **Bibl Haematol** 1983;(49):265–75

Diagnosis of disseminated intravascular coagulation. Sharp AA. **Bibl Haematol** 1983;(49):251–63

Diagnosis of DIC in newborn infants. Shirahata A, et al. **Bibl Haematol** 1983;(49):277–89

The value of battery testing in the clinical laboratory: a PERT network case study. Kwak NK, et al. **J Med Syst** 1984 Aug;8(4):239–47

[Antithrombin III and alpha 2-plasmin inhibitor in DIC—the significance of their levels and existence of complexes as diagnostic indicators] Tsuda T, et al. **Rinsho Ketsueki** 1985 Mar;26(3):332–40 (Eng. Abstr.) (Jpn)

[Chronic intravascular coagulation in diabetic microangiopathy patients] Velikov VK, et al. **Klin Med (Mosk)** 1985 Apr;63(4):96–9 (Eng. Abstr.) (Rus)

[Signs of the disseminated intravascular coagulation syndrome in the early postresuscitation period in patients with massive blood loss and trauma] Morozov NV, et al. **Patol Fiziol Eksp Ter** 1984 Jul–Aug;(4):13–7 (Eng. Abstr.) (Rus)

DRUG THERAPY

Inhibitory action of the Chinese medicinal preparation—anti-inflammatory agent No. 6—on DIC resulting from endotoxin: experimental study. Lin JS, et al. **Acta Acad Med Wuhan** 1985;5(1):23–9

Antithrombin III concentrates for treatment of disseminated intravascular coagulation in children. Hanada T, et al. **Am J Pediatr Hematol Oncol** 1985 Spring;7(1):3–8

Treatment of disseminated intravascular coagulation. Collen D. **Bibl Haematol** 1983;(49):295–306 (77 ref.)

Application of a synthetic serine protease inhibitor in the treatment of DIC. Kosaki G, et al. **Bibl Haematol** 1983;(49):317–27

Treatment of DIC with antithrombin III concentrates. Sakata Y, et al. **Bibl Haematol** 1983;(49):307–16

A clinical trial of MD-805, a synthetic thrombin inhibitor, for the treatment of DIC. Yamada K. **Bibl Haematol** 1983;(49):343–4

Effect of TEI-4120 (3-benzoyl-N-beta-ethoxyisopropyl-2-methlindole) on carrageenan induced disseminated intravascular coagulation (DIC) in rats. Wada H, et al. **J Pharmacobiodyn** 1984 Jun;7(6):385–91

Treatment of severe coagulopathy in the Kasabach-Merritt syndrome with aminocaproic acid and cryoprecipitate. Warrell RP Jr, et al. **N Engl J Med** 1985 Aug 1;313(5):309–12

Substitution of antithrombin III in shock and DIC: a randomized study. Blauhut B, et al. **Thromb Res** 1985 Jul 1;39(1):81–9

[Significance of disordered antithrombin III function in disseminated intravascular coagulation and deep venous thrombosis for anticoagulant therapy] von Blohn G, et al. **Folia Haematol (Leipz)** 1984;111(4):426–38 (Eng. Abstr.) (Ger)

[Disseminated intravascular coagulation following severe head injury. Role of low dose heparin] Iizuka H, et al. **Neurol Med Chir (Tokyo)** 1984 Sep;24(9):696–700 (Eng. Abstr.) (Jpn)

[Fundamental studies on the management of disseminated intravascular coagulation (DIC) with antithrombin III (AT-III) concentrate] Gotoh K. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr;37(4):571–80 (Eng. Abstr.) (Jpn)

[Therapeutic effects of methylprednisolone on disseminated intravascular coagulation] Ueda M, et al. **Rinsho Ketsueki** 1984 Sep;25(9):1394–401 (Eng. Abstr.) (Jpn)

[Effect of Panax notoginseng on experimental disseminated intravascular coagulation (DIC)] Kubo M, et al. **Yakugaku Zasshi** 1984 Jul;104(7):757–62 (Eng. Abstr.) (Jpn)

[Indications, contraindications and control of heparin use in obstetrical practice] Makatsariia AD. **Akush Ginekol (Mosk)** 1985 Jan;(1):68–71 (Rus)

[Correction of disorders of hemostasis in children with suppurative-infectious diseases] Dmitriev VV, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):89–92 (Eng. Abstr.) (Rus)

ENZYMOLOGY

Detection of circulating T-activating enzyme in the serum of a patient having hemolytic-uremic syndrome and disseminated intravascular coagulation. Beattie KM, et al. **Am J Clin Pathol** 1985 Aug;84(2):244–8

Serial studies of protein C and its plasma inhibitor in patients with disseminated intravascular coagulation. Marlar RA, et al. **Blood** 1985 Jul;66(1):59–63

Detection of low molecular weight urokinase in plasma of patient with acute pancreatitis followed by disseminated intravascular coagulation. Takasugi S, et al. **Hiroshima J Med Sci** 1984 Jun;33(2):265–9

ETIOLOGY

Tissue thromboplastin generation in circulating mononuclear phagocytes and development of coagulation disorders during E. coli endotoxinaemia in pigs. Andersen OK, et al. **Acta Chir Scand** 1985;151(3):205–11

A case of brucellosis complicated by endocarditis and disseminated intravascular coagulation. Almér LO. **Acta Med Scand** 1985;217(1):139–40

Disseminated intravascular coagulation induced by generalized cytomegalic inclusion disease during steroid therapy for polymyositis. Shimizu K, et al. **Acta Pathol Jpn** 1985 May;35(3):723–30

The role of tissue thromboplastin in the development of DIC accompanying neoplastic diseases. Gonmori H, et al. **Bibl Haematol** 1983;(49):23–39

Disseminated intravascular coagulation associated with severe infection in surgical patients: a retrospective and prospective study. Kambayashi J, et al. **Bibl Haematol** 1983;(49):49–58

Correlation between pulmonary injuries and DIC: an experimental analysis. Kazama M, et al. **Bibl Haematol** 1983;(49):107–22

Clinical significance of intravascular coagulation. McKay DG. **Bibl Haematol** 1983;(49):63–78

Statistics on underlying and causative diseases of DIC in Japan: a cooperative study. Matsuda M, et al. **Bibl Haematol** 1983;(49):15–22

Intravascular coagulation as a clinical manifestation of the Shwartzman reaction. Mori W. **Bibl Haematol** 1983;(49):41–8

Pathogenesis of disseminated intravascular coagulation. Müller-Berghaus G, et al. **Bibl Haematol** 1983;(49):3–13

Vascular occlusion and disseminated intravascular coagulation in falciparum malaria. Mohanty D, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):115–6

Mediastinal packing for refractory nonsurgical bleeding after open-heart surgery. Del Campo C. **Can J Surg** 1985 Jan;28(1):55–6

Thrombocytopenia and laboratory evidence of disseminated intravascular coagulation after shunts for ascites in malignant disease. Tempero MA, et al. **Cancer** 1985 Jun 1;55(11):2718–21

Comment: neuroleptic malignant syndrome [letter] Barkin RL, et al. **Drug Intell Clin Pharm** 1985 Mar;19(3):211

Disseminated intravascular coagulation and bone marrow metastases as presenting manifestations of gastric carcinoma [letter] Colombo E, et al. **Haematologica (Pavia)** 1985 Mar–Apr;70(2):187

Blood congulation consumption in a patient with autoimmune chronic active hepatitis. Violi F, et al. **Haematologica (Pavia)** 1984 Jul–Aug;69(4):449–53

Disseminated intravascular coagulation (DIC) accompanied by acute rejection in a post renal transplant recipient. Dohi K, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):771–4

Disseminated intravascular coagulation. Bolton FG. **Int Anesthesiol Clin** 1985 Summer;23(2):89–101

Disseminated intravascular coagulation and acute myocardial necrosis caused by lightning. Ekoé JM, et al. **Intensive Care Med** 1985;11(3):160–2

Disseminated intravascular coagulation in a case of non-secretory myeloma. Duggan M, et al. **Ir J Med Sci** 1984 Oct;153(10):355–7

Pancytopenia and D.I.C. in disseminated tuberculosis. Sarma PS, et al. **J Assoc Physicians India** 1984 Jul;32(7):601–2

Surgical treatment of abdominal aortic aneurysm complicated with chronic disseminated intravascular coagulopathy. Goto H, et al. **J Cardiovasc Surg (Torino)** 1985 May–Jun;26(3):280–2

Influenza B virus infection complicated by pneumonia, acute renal failure and disseminated intravascular coagulation. Luksza AR, et al. **J Infect** 1984 Sep;9(2):174–6

Resolution of disseminated intravascular coagulation after valve replacement [letter] Del Campo C. **J Thorac Cardiovasc Surg** 1985 Mar;89(3):470–1

Disseminated intravascular coagulation—the clinician's dilemma. Naumann RO, et al. **Obstet Gynecol Surv** 1985 Aug;40(8):487–92

Glomerulonephritis, pulmonary hemorrhage and coagulopathy associated with Haemophilus parainfluenzae endocarditis. Simon MW, et al. **Pediatr Infect Dis** 1985 Mar–Apr;4(2):183–8

[Clinical study on 23 cases of severe adenoviral pneumonia complicated by disseminated intravascular coagulation] Gu C. **Chung Hua I Hsueh Tsa Chih** 1984 May;64(5):299–301 (Eng. Abstr.) (Chi)

[Shock associated with disseminated intravascular coagulation syndrome following injection of DT.TAB vaccine (letter)] Cailleba A, et al. **Presse Med** 1984 Sep 15;13(31):1900 (Fre)

[Fatal massive intravascular coagulation during phlebography. Responsibility of epsilon-aminocaproic acid?] Coste F, et al. **Presse Med** 1985 Apr 13;14(15):832–4 (Eng. Abstr.) (Fre)

[Disseminated intravascular coagulation as a complication of elective surgery of the abdominal aorta] Brandi LS, et al. **Minerva Cardioangiol** 1984 Oct;32(10):717–24 (Eng. Abstr.) (Ita)

[Clinicopathological studies on disseminated carcinomatosis of the bone marrow occurring through metastasis of gastric carcinoma] Kamiya T, et al. **Gan No Rinsho** 1985 Jun;31(7):819–26 (Eng. Abstr.) (Jpn)

[Disseminated intravascular coagulation (DIC) following open heart surgery and great vessel surgery. The result of early administration of gabexate mesilate (FOY)] Chihara K, et al. **Kyobu Geka** 1984 Aug;37(8):606–13 (Eng. Abstr.) (Jpn)

[Postoperative blood coagulation disorders and their management] Matsuda M. **Masui** 1985 Jun;34(6):861–72 (Jpn)

[Clinical study on DIC in urological malignancies] Ishikawa H, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Feb;76(2):204–10 (Eng. Abstr.) (Jpn)

[Pre- and postoperative coagulation disorders of thoracic aortic aneurysms] Kawauchi M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Dec;32(12):2131–7 (Eng. Abstr.) (Jpn)

[A typical case of DIC precipitated by cesarean section done for severe toxemia of pregnancy and a follow up laboratory study of the progress of DIC] Nishijima S, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Nov;36(11):2072–8 (Eng. Abstr.) (Jpn)

[Hemorrhage in the cases with leukemia] Sakuragawa N, et al. **Rinsho Byori** 1984 Sep;32(9):954–8 (13 ref.) (Jpn)

[Disseminated intravascular coagulation in skin diseases] Platek-Twardoch C. **Przegl Dermatol** 1984 Nov–Dec;71(6):609–14 (38 ref.) (Pol)

[Rare hematological changes in bronchogenic carcinoma] Przybylowski J, et al. **Przegl Lek** 1984;41(9):587–9 (Pol)

[Intravascular blood coagulation and microcirculatory disorders in burns] Iashvili BP. **Khirurgiia (Mosk)** 1984 Nov;(11):75–7 (Eng. Abstr.) (Rus)

[Thrombohemorrhagic complications of external intestinal fistulas] Arbuliev MG, et al. **Klin Khir** 1985 Feb;(2):6–8 (Eng. Abstr.) (Rus)

[Syndrome of disseminated intravascular coagulation in diseases of the digestive organs] Shchepotin BM, et al. **Klin Med (Mosk)** 1985 Mar;63(3):23–30 (62 ref.) (Rus)

[Disorders of blood coagulation and fibrinolysis in patients with chronic renal failure during treatment with hemodialysis, and methods of correction] Neimark MI. **Ter Arkh** 1984;56(7):48–53 (Eng. Abstr.) (Rus)

[Signs of microthrombogenesis in patients with urticaria and Quincke's edema] Belitskaia GA, et al. **Vrach Delo** 1985 Mar;(3):52–5 (Eng. Abstr.) (Rus)

[Thrombohemorrhagic complications and disorders of hemostasis in patients with mechanical jaundice] Brusnitsyna MA. **Vrach Delo** 1985 Mar;(3):93–6 (Eng. Abstr.) (Rus)

[Disorders of blood coagulation homeostasis in the pathogenesis of intravascular blood coagulation and thrombus formation] Gritsiuk AI. **Vrach Delo** 1984 Oct;(10):56–60 (Eng. Abstr.) (Rus)

[Disseminated intravascular coagulation in acute cerebral circulatory disorders] Gusev EI, et al. **Zh Nevropatol Psikhiatr** 1985;85(1):9–16 (Eng. Abstr.) (Rus)

IMMUNOLOGY

Factor VIII (procoagulant activity VIII:C, and antigen VIII:CAg, related antigen VIIIR:Ag and ristocetin cofactor VIIIR:Cof) in intensive care patients with clinically suspected disseminated intravascular coagulation (DIC). Tran TH, et al. **Am J Clin Pathol** 1984 Nov;82(5):565–72

METABOLISM

Studies of Factors V and VIII:C in an animal model of disseminated intravascular coagulation. Giles AR, et al. **J Clin Invest** 1984 Dec;74(6):2219–25

OCCURRENCE

Disseminated intravascular coagulation in geriatric patients. Matsuda T, et al. **Bibl Haematol** 1983;(49):225–37

Incidence and clinicopathological significance of DIC in autopsy cases. Tanaka K, et al. **Bibl Haematol** 1983;(49):79–93

PATHOLOGY

The clinical pathology of intravascular coagulation. Bowie EJ, et al. **Bibl Haematol** 1983;(49):217–24

A histological study on microthrombi in autopsy cases of DIC. Kojima M, et al. **Bibl Haematol** 1983;(49):95–106

Shock and terminal pancreatitis. Becker V, et al. **Pathol Res Pract** 1985 Mar;179(4–5):512–6

Rhabdomyolysis, acute renal failure, and disseminated intravascular coagulation in a man with sickle cell trait. Hynd RF, et al. **South Med J** 1985 Jul;78(7):890–1

Immunohistochemical study on the liver in autopsy cases with disseminated intravascular coagulation (DIC) with reference to clinicopathological analysis. Esaki Y, et al. **Virchows Arch [A]** 1984;404(3):229–41

[Weber-Christian disease with systemic involvement. Apropos of a case of histiocytic cytophagous panniculitis] Valentini F. **Minerva Med** 1985 Apr 28;76(17–18):865–72 (Eng. Abstr.) (Ita)

[Glomerular diseases associated with disseminated intravascular coagulation] Shimamura K. **Nippon Rinsho** 1984 Jun;42(6):1452–8 (Jpn)

PHYSIOPATHOLOGY

Symmetrical peripheral gangrene and disseminated intravascular coagulation. Molos MA, et al. **Arch Dermatol** 1985 Aug;121(8):1057–61

Structural features of endotoxin required for stimulation of endothelial cell tissue factor production; exposure of preformed tissue factor after oxidant-mediated endothelial cell injury. Schorer AE, et al. **J Lab Clin Med** 1985 Jul;106(1):38–42

Hemorrhagic shock and encephalopathy: further description of a new syndrome. Whittington LK, et al. **J Pediatr** 1985 Apr;106(4):599–602

Fibrinolytic activity in thrombin-infused rabbits. Szczepański M, et al. **Thromb Res** 1985 Jul 1;39(1):127–31

[Clinical significance of disseminated intravascular coagulation] Belovezhdov N. **Vutr Boles** 1984;23(6):1–7 (26 ref.) (Bul)

[Gastrointestinal disorders due to increased blood coagulation. III. Changes of microcirculation of rat gastrointestinal tract in experimental disseminated intravascular coagulation] Seto O, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):43–50 (Eng. Abstr.) (Jpn)

[Activation of the blood kallikrein-kinin system in disseminated intravascular coagulation in rats. The significance of the pulmonary component and an attempt at correction with aspirin] Meshcheriakov GN, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):278–81 (Eng. Abstr.) (Rus)

PREVENTION & CONTROL

The effect of prophylactic heparinization on DIC arising from transitory circulatory arrest in dogs. Takemoto Y, et al. **Circ Shock** 1985;15(2):131–9

Anticoagulation with a synthetic thrombin inhibitor after cardiovascular surgery and for treatment of disseminated intravascular coagulation. Kumon K, et al. **Crit Care Med** 1984 Dec;12(12):1039–43

Influence of cyproheptadine on endotoxin-induced disseminated intravascular coagulation (DIC) in weaned pigs. Nowak G, et al. **Thromb Haemost** 1985 Apr 22; 53(2):252–4

[Preventive use of heparin in women with septic abortion and pyelonephritis in pregnancy] Zrubek H, et al. **Ginekol Pol** 1984 Nov;55(11):855–8 (Eng. Abstr.) (Pol)

RADIONUCLIDE IMAGING

Lung and renal uptake of technetium Tc 99m sulphur colloid related to disseminated intravascular coagulation. Teertstra HJ, et al. **Eur J Nucl Med** 1985;10(1–2):13–6

THERAPY

Therapy of DIC in newborn infants. Yamada K, et al. **Bibl Haematol** 1983;(49):329–41

Antithrombin III concentrate as adjuvant in DIC treatment. A pilot study in 9 severely ill patients. Hellgren M, et al. **Thromb Res** 1984 Aug 15;35(4):459–66

[Successful therapy of consumption coagulopathy in EPH gestosis with multiple organ failure] Schregel W, et al. **Anasth Intensivther Notfallmed** 1984 Aug;19(4):201–3 (Eng. Abstr.) (Ger)

[Substitution of antithrombin III in shock and consumption coagulopathy] Blauhut B, et al. **Wien Klin Wochenschr** 1984 Dec 21;96(24):879–81 (Eng. Abstr.) (Ger)

[Treatment of the syndrome of disseminated intravascular coagulation in ischemic strokes] Karlov VA, et al. **Zh Nevropatol Psikhiatr** 1984;84(9):1325–9 (Eng. Abstr.) (Rus)

VETERINARY

Plasma fibronectin concentrations in dogs with disseminated intravascular coagulation. Feldman BF, et al. **Am J Vet Res** 1985 May;46(5):1171–4

Pathogenetic mechanisms of Mycoplasma mycoides subsp. mycoides septicemia in goats. Rosendal S. **Isr J Med Sci** 1984 Oct;20(10):970–1

Histopathological evaluation of disseminated intravascular coagulation in Haemophilus somnus infection in cattle. Momotani E, et al. **J Comp Pathol** 1985 Jan;95(1):15–23

A case report of canine disseminated intravascular coagulation (DIC). Nakama S, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):329–32

Disseminated intravascular coagulation associated with inhalation pneumonitis in a scimitar-horned oryx (Oryx tao). Pearce PC, et al. **Vet Rec** 1985 Feb 16;116(7):189–90

DISSERTATIONS, ACADEMIC

A bibliography of doctoral dissertations on aging from American institutions of higher learning, 1981–1983. Moore JL. **J Gerontol** 1985 Jul;40(4):509–19

Master's thesis policies in nursing education. May KM, et al. **J Nurs Educ** 1985 Jan;24(1):10–5

Ten hints for thesis survival. Johanson LS. **Nurs Outlook** 1985 Jul–Aug;33(4):208, 206

How to choose a thesis committee. Zlotnick C. **Nurs Outlook** 1984 Nov–Dec;32(6):346

Emerging content in nursing: an analysis of dissertation abstracts and titles: 1976–1982. Loomis ME. **Nurs Res** 1985 Mar–Apr;34(2):113–9

[Physician, dissertation and word processor] Koster RW, et al. **Ned Tijdschr Geneeskd** 1985 Feb 23;129(8):351–2 (Dut)

[Review of doctoral dissertations on the problem of phthisiology approved by the Higher Certifying Commission of the USSR in 1983] Khudushina TA. **Probl Tuberk** 1984 Jul;(7):67–71 (Rus)

HISTORY

[160th anniversary of the first dissertation on syphilis defended at the Moscow University] Mirakian ME. **Vestn Dermatol Venerol** 1985 May;(5):73–6 (Rus)

DISSOCIATION see **DISSOCIATIVE DISORDERS**

DISSOCIATIVE DISORDERS

CHEMICALLY INDUCED

[Role of cholinergic systems in the formation of a dissociated state in response to kleregil] Garibova TL, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):570–2 (Eng. Abstr.) (Rus)

DIAGNOSIS

[Psychogenic regression or limbic syndrome? Apropos of a case] Kamal S, et al. **Union Med Can** 1985 Jan;114(1):85–6 (Fre)

ETIOLOGY

[Clinical problems in fugue] Cai DJ. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Jun; 17(3):134–6 (Eng. Abstr.) (Chi)

PSYCHOLOGY

Hypnosis as dissociation: methodological considerations and preliminary findings. Zamansky HS, et al. **Am J Clin Hypn** 1984 Apr;26(4):246–51

Dissociation and psychotic symptoms. Steingard S, et al. **Am J Psychiatry** 1985 Aug;142(8):953–5

Family etiology and remission in a case of psychogenic fugue. Venn J. **Fam Process** 1984 Sep;23(3):429–35

The dissociation of an experience: the hidden observer observed. Zamansky HS, et al. **J Abnorm Psychol** 1985 Aug;94(3):243–8

Spontaneous hypnotic age regression: case report. Spiegel D, et al. **J Clin Psychiatry** 1984 Dec;45(12):522–4

Sexual criminality and hypnotizability. Bliss EL, et al. **J Nerv Ment Dis** 1985 Sep;173(9):522–6

From somnambulism to the archetypes: the French roots of Jung's split with Freud. Haule JR. **Psychoanal Rev** 1984 Dec;71(4):635–59

[The schizophrenic patient and his body: remarks on the psychosomatic economy of dissociative psychoses] Andreoli A. **Schweiz Arch Neurol Neurochir Psychiatr** 1984;135(1):87–99 (Eng. Abstr.) (Fre)

[Psychosomatic reactions to the experience of near death. A state of affective dissociation] Stumpfe KD. **Z Psychosom Med Psychoanal** 1985;31(3):215–25 (Eng. Abstr.) (Ger)

DISTAMYCINS see under **PYRROLES**

DISTANCE PERCEPTION

Scales for perceived egocentric distance in a large open field: comparison of three psychophysical methods. Da Silva JA. **Am J Psychol** 1985 Spring;98(1):119–44

Auditory-visual perception of changing distance by human infants. Walker-Andrews AS, et al. **Child Dev** 1985 Jun; 56(3):544–8

The effects of decreasing the radius of curvature of convex external rear view mirrors upon drivers' judgements of vehicles approaching in the rearward visual field. Fisher JA, et al. **Ergonomics** 1984 Dec;27(12):1209–24

Judgments of size and distance with imaging displays. Roscoe SN. **Hum Factors** 1984 Dec;26(6):617–29

Size illusion, distance illusion, and terrestrial passage: comment on reed. Loftus GR. **J Exp Psychol [Gen]** 1985 Mar;114(1):119–21

Illusional effects of spatial distance between focal and contextual parts of a modified Müller-Lyer figure. Kolbert J, et al. **Percept Mot Skills** 1984 Aug;59(1):88–90

Psychophysical functions for perceived and remembered distance. Bradley DR, et al. **Perception** 1984;13(3):315–20

Why the islands move. Hutchins E, et al. **Perception** 1984; 13(5):629–32

Parallel-alleys and distance-alleys on horopter plane in the dark. Indow T, et al. **Perception** 1984;13(2):165–82

[Familiar and assumed size as signal of distance and depth perception] Bredenkamp J. **Arch Psychol (Frankf)** 1984; 136(2):89–105 (Eng. Abstr.) (Ger)

[Binocular functions in unilateral pseudophakia] Doden W, et al. **Klin Monatsbl Augenheilkd** 1984 Oct;185(4):250–2 (Eng. Abstr.) (Ger)

[Aftereffect of longer fixations on distance perception: an evaluation of motor interpretations] Heuer H. **Z Exp Angew Psychol** 1985;32(1):33–54 (Eng. Abstr.) (Ger)

[Possibility of direct distance perception: relation of objective and phenomenal center] Kebeck G, et al. **Z Exp Angew Psychol** 1985;32(2):250–62 (Eng. Abstr.) (Ger)

PHYSIOLOGY

Distance estimation in the Mongolian gerbil: the role of dynamic depth cues. Ellard CG, et al. **Behav Brain Res** 1984 Oct;14(1):29–39

Binocular distance perception: egocentric distance tasks. Foley JM. **J Exp Psychol [Hum Percept]** 1985 Apr; 11(2):133–49

Distance perception with holographically reconstructed objects. Frey AH, et al. **J Opt Soc Am [A]** 1985 Jul; 2(7):1217–9

Binocular cues in the perception of distance of a point source of light. Morrison JD, et al. **Perception** 1984;13(5):555–66

DISTEMPER

Distemper in vaccinated dogs [letter] FitzGerald K. **Vet Rec** 1984 Aug 18;115(7):158–9

DIAGNOSIS

Syncytia formation: an aid in the diagnosis of canine distemper encephalomyelitis. Summers BA, et al. **J Comp Pathol** 1985 Jul;95(3):425–35

ETIOLOGY

Polioencephalomalacia in dogs with distemper encephalitis. Finnie JW, et al. **Aust Vet J** 1984 Dec;61(12):407–8

IMMUNOLOGY

Effects of canine distemper virus on natural killer cell activity in dogs. Ringler SS, et al. **Am J Vet Res** 1985 Aug; 46(8):1781–6

MICROBIOLOGY

Canine distemper virus does not infect oligodendrocytes in vitro. Vandevelde M, et al. **J Neurol Sci** 1985 Jul; 69(3):133–7

OCCURRENCE

[Distemper in stone martens (Martes foina, Erxl.) in Schleswig-Holstein. A contribution to the epidemiology of distemper] Steinhagen P, et al. **DTW** 1985 May 7; 92(5):178–81 (Eng. Abstr.) (Ger)

PATHOLOGY

Multifocal cerebellar cortical necrosis caused by canine distemper virus infection in a raccoon. Potgieter LN, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1397–9

Canine distemper and experimental allergic encephalomyelitis in the dog: comparative patterns of demyelination. Summers BA, et al. **J Comp Pathol** 1984 Oct;94(4):575–89

PREVENTION & CONTROL

Platelet aggregation in dogs after live-virus vaccination. Jones BE. **Acta Vet Scand** 1984;25(4):504–9

Measles virus and inactivated canine distemper virus induce incomplete immunity to canine distemper. Appel MJ, et al. **Arch Virol** 1984;82(1–2):73–82

Distemper in vaccinated dogs [letter] Janz R. **Vet Rec** 1984 Sep 8;115(10):254

TRANSMISSION

Retrospective epidemiology in multiple sclerosis and significance of canine morbillivirus in the illness etiology. Mititelu G, et al. **Neurol Psychiatr (Bucur)** 1985 Apr–Jun; 23(2):59–63

DISTEMPER, FELINE see **FELINE INFECTIOUS ENTERITIS**

DISTEMPER VIRUS, CANINE

Multiple sclerosis and exposure to household dogs. Preliminary observations. Mititelu G, et al. **Virologie** 1984 Jul–Sep;35(3):233–5

GENETICS

The generation of small-plaque mutants during undiluted passage of canine distemper virus. Cosby SL, et al. **Intervirology** 1985;23(3):157–66

cDNA cloning of the messenger RNAs of five genes of canine distemper virus. Russell SE, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):433–41

Sequence homology within the morbilliviruses. Rozenblatt S, et al. **J Virol** 1985 Feb;53(2):684–90

Cloning and characterization of DNA complementary to the canine distemper virus mRNA encoding matrix, phosphoprotein, and nucleocapsid protein. Rozenblatt S, et al. **J Virol** 1985 Feb;53(2):691–4

Isolation and characterization of canine distemper virus-specific RNA. Hirayama N, et al. **Microbiol Immunol** 1985;29(1):47–54

Comparison of messenger RNAs induced in cells infected with each member of the morbillivirus group. Barrett T, et al. **Virology** 1985 Aug;145(1):195–9

GROWTH & DEVELOPMENT

In vitro propagation of canine distemper virus: establishment of persistent infection in Vero cells. Metzler AE, et al. **Am J Vet Res** 1984 Oct;45(10):2211–5

Persistence of virulent canine distemper virus in lymphoblastoid cell lines. Friedlander JM, et al. **Arch Virol** 1985;86(1–2):47–62

IMMUNOLOGY

Effects of canine distemper virus on natural killer cell activity in dogs. Ringler SS, et al. **Am J Vet Res** 1985 Aug; 46(8):1781–6

Measles virus and inactivated canine distemper virus induce incomplete immunity to canine distemper. Appel MJ, et al. **Arch Virol** 1984;82(1–2):73–82

Is rinderpest virus the archevirus of the Morbillivirus genus? Norrby E, et al. **Intervirology** 1985;23(4):228–32

Preparation and characterization of monoclonal antibodies directed against four structural components of canine distemper virus. Orvell C, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):443–56

Distemper in vaccinated dogs [letter] Janz R. **Vet Rec** 1984 Sep 8;115(10):254

[Distemper in stone martens (Martes foina, Erxl.) in Schleswig-Holstein. A contribution to the epidemiology of distemper] Steinhagen P, et al. **DTW** 1985 May 7;

PUBLIC LIBRARY

92(5):178-81 (Eng. Abstr.) (Ger)

ISOLATION & PURIFICATION

Plaque identification of strand-forming canine distemper virus by staphylococcal protein A-mediated reverse passive haemadsorption. Johnson GC, et al. **J Virol Methods** 1985 Feb;10(2):127-34

METABOLISM

Requirement of methionine for the replication of canine distemper virus in Vero cells. Hirayama N, et al. **J Gen Virol** 1985 Jan;66 (Pt 1):149-57

PATHOGENICITY

Canine distemper virus does not infect oligodendrocytes in vitro. Vandevelde M, et al. **J Neurol Sci** 1985 Jul; 69(3):133-7

DISTIGMINE see under **PYRIDINIUM COMPOUNDS**

DISULFIDES

Protein mixed-disulfides in cardiac cells. S-thiolation of soluble proteins in response to diamide. Grimm LM, et al. **Biochim Biophys Acta** 1985 Jan 18;844(1):50-4

Formation of an intramolecular disulfide bond in the mitochondrial adenine nucleotide translocase. Torok K, et al. **FEBS Lett** 1985 Mar 25;182(2):340-4

Two-chain disulphide-bonded structure of antigen-specific T-helper factor: both chains are necessary for activity and their interaction is I-A restricted. Little JA, et al. **Immunology** 1985 Aug;55(4):713-9

A method for covalent insertion of mercury into the cysteine disulfide bridges of proteins. Marston AW, et al. **J Biochem Biophys Methods** 1984 Sep;9(4):307-14

Further biochemical and physicochemical characterization of minor disulfide-bonded (type IX) collagen, extracted from foetal calf cartilage. Ricard-Blum S, et al. **J Cell Biochem** 1985;27(4):147-58

Accessible intrachain disulfide bonds in hybrids of light chains. Ely KR, et al. **Mol Immunol** 1985 Feb;22(2):85-92

[Conformation analysis of a mixed hemoglobin-glutathione disulfide] Sandalova TP, et al. **Bioorg Khim** 1984 Jun; 10(6):780-91 (Eng. Abstr.) (Rus)

ANALYSIS

Bacterial lipopolysaccharides and glutathione mixed disulfides as possible contaminants of human growth hormone produced with the use of E. coli K12. Axelsson K. **Acta Chem Scand [B]** 1985;39(1):69-77

Cytofluorometric study of thiol and disulphide groups in guinea pig epidermis. Nomura H, et al. **Acta Histochem (Jena)** 1985;76(2):213-8

Estimation of disulfide bonds using 2-nitro-5-thiosulfobenzoic acid: limitations. Damodaran S. **Anal Biochem** 1985 Feb 15;145(1):200-4

Location of the inter-chain disulfide bonds of the third component of human complement. Matsuda T, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):264-9

A new method for rapid assignment of S-S bridges in proteins. Morris HR, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1122-8

The disulphide bridges in a cellobiohydrolase and an endoglucanase from Trichoderma reesei. Bhikhabhai R, et al. **Biochem J** 1984 Sep 15;222(3):729-36

Conformational changes in human urokinase induced by a specific reduction of disulfide bond in Cys-194-Cys-222 associated with exhibition of enzymatic activity. Miwa N, et al. **Biochim Biophys Acta** 1984 Nov 23;791(1):1-8

Evidence of essential disulfide bonds in angiotensin II binding sites of rabbit hepatic membranes. Inactivation by dithiothreitol. Sen I. **Biochim Biophys Acta** 1985 Feb 28; 813(1):103-10

Assignment of the disulphide bonds in the sweet-tasting protein thaumatin I. van der Wel H, et al. **Eur J Biochem** 1984 Oct 1;144(1):41-5

Evidence for extensive intermolecular disulfide bonds of the proteins of non-ionic detergent high-salt-resistant skeletons of normal lymphocytes, and the altered structure in leukemia. Tas S, et al. **Int J Cancer** 1984 Sep 15; 34(3):329-33

pH-induced unfolding of the constant fragment of the immunoglobulin light chain: effect of reduction of the intrachain disulfide bond. Ashikari Y, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):517-28

Identification of the cystines which link the acidic and basic components of the glycinin subunits. Staswick PE, et al. **J Biol Chem** 1984 Nov 10;259(21):13431-5

Identification of a large interrupted helical domain of disulfide-bonded cartilage collagen. Yasui N, et al. **J Biol Chem** 1984 Nov 25;259(22):14175-9

Distribution of protein sulphydryls and disulphides in fixed mammalian chromosomes, and their relationship to banding. Sumner AT. **J Cell Sci** 1984 Aug;70:177-88

[The primary structure of human free secretory component and the arrangement of disulfide bonds] Eiffert H, et al. **Hoppe Seylers Z Physiol Chem** 1984 Dec;365(12):1489-95 (Eng. Abstr.) (Ger)

[Cytochemical quantitation of thiol group and disulfide bond of epidermal cells fractionated by density gradient centrifugation] Nomura H, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Aug;94(9):1061-4 (Jpn)

ANTAGONISTS & INHIBITORS

Inhibition of disulfide bonding of von Willebrand protein by monensin results in small, functionally defective multimers. Wagner DD, et al. **J Cell Biol** 1985 Jul; 101(1):112-20

METABOLISM

Histochemical changes in protein disulphide bonds in rat liver and kidney after chronic cadmium administration, and the possible relation to metallothionein. Morselt AF, et al. **Arch Toxicol** 1984 Sep;55(3):155-60

Participation of cellular thiol/disulphide groups in the uptake, degradation and bioactivity of insulin in primary cultures of rat hepatocytes. Morgan MS, et al. **Biochem J** 1985 Jan 15;225(2):349-56

Selective reduction of a disulphide bridge in hen ovotransferrin. Williams J, et al. **Biochem J** 1985 Jun 15; 228(3):661-5

Protein disulphide-isomerase and the formation of native disulphide bonds. Freedman RB, et al. **Biochem Soc Trans** 1984 Dec;12(6):929-32

Effects of interchain disulfide cross-links on the trypsin cleavage pattern and conformation of myosin subfragment 2. Lu RC, et al. **Biochemistry** 1984 Dec 4;23(25):5975-81

Localization of thiol and disulfide groups in guinea pig spermatozoa during maturation and capacitation using bimane fluorescent labels. Huang TT, et al. **Biol Reprod** 1984 Nov;31(4):797-809

Disulfide bonding of a human prostate tumor-associated membrane antigen recognized by monoclonal antibody D83.21. Starling JJ, et al. **Cancer Res** 1985 Feb;45(2):804-8

Enhancement of rat growth hormone binding by membrane disulfide reduction. Kover K, et al. **Endocrinology** 1985 Mar;116(3):1017-23

Disulfide-mediated interactions of the chlamydial major outer membrane protein: role in the differentiation of chlamydiae? Hackstadt T, et al. **J Bacteriol** 1985 Jan; 161(1):25-31

Mechanism of formation of disulfide-bonded multimers of plasma fibronectin in cell layers of cultured human fibroblasts. McKeown-Longo PJ, et al. **J Biol Chem** 1984 Oct 10;259(19):12210-5

Neighboring proteins in rat liver 60 S ribosomal subunits disulfide-linked by hydrogen peroxide oxidation or cross-linked with dithiobis(succinimidyl propionate). Uchiumi T, et al. **J Biol Chem** 1985 May 10;260(9):5669-74

Disulfide bond formation in proteins. Creighton TE. **Methods Enzymol** 1984;107:305-29

Redox control of enzyme activities by thiol/disulfide exchange. Gilbert HF. **Methods Enzymol** 1984;107:330-51

Formation and isomerization of disulfide bonds in proteins: protein disulfide-isomerase. Hillson DA, et al. **Methods Enzymol** 1984;107:281-94

Enzymatic reduction-oxidation of protein disulfides by thioredoxin. Holmgren A. **Methods Enzymol** 1984; 107:295-300

Nonenzymatic formation and isomerization of protein disulfides. Wetlaufer DB. **Methods Enzymol** 1984;107:301-4

Structure-function relationships of human factor VIII complex studied by thioredoxin dependent disulfide reduction. Hessel B, et al. **Thromb Res** 1984 Sep 15; 35(6):637-51

[The effects of ultraviolet ray, PUVA and retinoid on experimental carcinogenesis—including observations on -SH groups and S-S bonds during the process of carcinogenesis] Noguchi N, et al. **Nippon Hifuka Gakkai Zasshi** 1984 May;94(6):737-40 (Jpn)

[The location of the fluorescent peripheral zone of disulfide bonds with DACM reagent. With special reference to the marginal band of the stratum corneum cells] Tadashi T, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jul;94(8):921-5 (Jpn)

PHARMACODYNAMICS

Reaction of hemerythrin with disulfides. Harrington PC, et al. **Biochemistry** 1985 Jan 1;24(1):210-4

Effects of disulfiram, diethyldithiocarbamate, bisethylxanthogen, and benzyl isothiocyanate on glutathione transferase activities in mouse organs. Benson AM, et al. **Cancer Res** 1985 Sep;45(9):4219-23

Effects of allylpropyl disulphide isolated from Allium cepa Linn on high-fat fed rats. Wilcox BF, et al. **Indian J Biochem Biophys** 1984 Jun;21(3):214-6

Immunomodulating activities of ethylene-2,2'-bis(dithio)bis(ethanol) and related compounds. Effects on murine lymphocyte proliferation and functions in vitro. Hiestand PC, et al. **Int J Immunopharmacol** 1985;7(1):129-40

Immunostimulatory properties of ethylene-2,2'-bis(dithio)bis(ethanol) and related compounds in vivo. Hiestand PC, et al. **Int J Immunopharmacol** 1985; 7(1):141-51

Augmentation of in vitro antibody response by disulfide compounds. I. Comparison between intermolecular and intramolecular disulfides. Ohmori H, et al. **Jpn J Pharmacol** 1985 Jan;37(1):13-9

Solubilized adrenal angiotensin II receptors: studies on the site of action of sodium and calcium ions, and on the role of disulfide bridges. Birabeau MA, et al. **Mol Cell Endocrinol** 1984 Sep;37(2):181-9

Involvement of disulfide-sulfhydryl interaction in anti-platelet actions of KF4939. Yamada K, et al. **Thromb Res** 1985 Apr 1;38(1):61-9

[Comparison of the cytotoxic effect of fresh garlic, diallyl trisulfide, 5-fluorouracil (5-FU), mitomycin C (MMC) and Cis-DDP on two lines of gastric cancer cells] Pan XY. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):103-5 (Eng. Abstr.) (Chi)

PHYSIOLOGY

Role of reversible oxidation-reduction of enzyme thiols-disulfides in metabolic regulation. Ziegler DM. **Annu Rev Biochem** 1985;54:305-29 (329 ref.)

Non-immune IgG binding to the surface of spermatozoa by disulphide rearrangement. Richards JM, et al. **Clin Exp Immunol** 1984 Nov;58(2):493-501

DISULFIRAM

ADMINISTRATION & DOSAGE

Hypothermia as an index of the disulfiram-ethanol reaction in the rat. Jensen JC, et al. **Alcohol** 1984 Mar-Apr; 1(2):97-100

Sustained-release characteristics of a new implantable formulation of disulfiram. Phillips M, et al. **J Pharm Sci** 1984 Dec;73(12):1718-20

[Implantation of disulfiram—a placebo-controlled multicenter study does not support its therapeutic effect] Borg S, et al. **Lakartidningen** 1984 Dec 19;81(51):4831-7 (Swe)

ADVERSE EFFECTS

Reversible, late-onset disulfiram-induced neuropathy and encephalopathy. Borrett D, et al. **Ann Neurol** 1985 Apr; 17(4):396-9

Side-effects after Antabuse—myths or reality? Christensen JK. **Br J Clin Pract [Symp Suppl]** 1984;36:21-8

Flare-up of cobalt dermatitis from Antabuse treatment. Menné T. **Contact Dermatitis** 1985 Jan;12(1):53

Disulfiram-induced hepatitis. Report of two cases and review of the literature. Bartle WR, et al. **Dig Dis Sci** 1985 Sep; 30(9):834-7

Disulfiram hepatotoxicity: case report. Black JL, et al. **J Clin Psychiatry** 1985 Feb;46(2):67-8

Hepatotoxicity due to disulfiram. Nassberger L. **J Toxicol Clin Toxicol** 1984;22(4):403-8

The dark night of the soul—disulfiram toxicity. Mack RB. **NC Med J** 1985 May;46(5):277-8

Disulfiram-induced hepatitis—report of a case and review of the literature. Nässberger L. **Postgrad Med J** 1984 Sep; 60(707):639-41

Disulfiram and hepatotoxicity. Nathan RS, et al. **Psychiatr J Univ Ottawa** 1985 Jun;10(2):87-8

Filamentous axonopathy in disulfiram neuropathy. Bilbao JM, et al. **Ultrastruct Pathol** 1984;7(4):295-300

[Acute organic psychosyndrome during therapy with disulfiram] Jašović-Gašić M, et al. **Srp Arh Celok Lek** 1984 Feb;112(2):235-8 (Eng. Abstr.) (Scr)

[Antabus is unsuitable in treatment of borderline personalities] Aberg J. **Lakartidningen** 1984 Oct 10;81(41):3684-5 (Swe)

[Disulfiram-induced hepatitis] Sundkvist T, et al. **Lakartidningen** 1984 Dec 19;81(51):4837 (Swe)

DIAGNOSTIC USE

Proposal for the 'Antabuse test'. Djurić D. **G Ital Med Lav** 1984 May-Jul;6(3-4):115-8

[Diagnostic value of the antabuse test in liver cirrhosis] Latr W, et al. **Pol Tyg Lek** 1984 Nov 19;39(47):1531-3 (Eng. Abstr.) (Pol)

[Use of disulfiram and aminopyrine for evaluating the effect of carbon disulfide] Pavlova SD, et al. **Gig Tr Prof Zabol** 1984 Dec;(12):53-4 (Rus)

METABOLISM

Bis-(diethyldithiocarbamato) copper complex: a new metabolite of disulfiram? Johansson B, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2989-91

Elimination kinetics of disulfiram in alcoholics after single and repeated doses. Faiman MD, et al. **Clin Pharmacol Ther** 1984 Oct;36(4):520-6

The reaction of cytoplasmic aldehyde dehydrogenase with various thiol-modifying reagents. Kitson TM, et al. **Prog Clin Biol Res** 1985;174:43-56

PHARMACODYNAMICS

Disulfiram is protective against postischemic cell death in the liver. Jennische E, et al. **Acta Physiol Scand** 1984 Oct; 122(2):199-201

Structure vs. activity in the sulfonylurea-mediated disulfiram-ethanol reaction. Nagasawa HT, et al. **Alcohol** 1985 Jan-Feb;2(1):123-8

Identification of aldehyde dehydrogenase resistant to cyanamide and disulfiram inhibition. Svanas GW, et al. **Alcohol** 1984 Jul-Aug;1(4):347-9

The disulfiram-alcohol reaction: factors determining and potential tests predicting severity. Beyeler C, et al. **Alcoholism (NY)** 1985 Mar-Apr;9(2):118-24

Inhibition of the rate of 14CO2 production from [14C]ethanol in rats given beta-lactam antibiotics with disulfiram-like effects. Turcan RG, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):535-40

The time course of the interaction of sheep liver cytoplasmic aldehyde dehydrogenase with 2,2'- and 4,4'-dithiodipyridine: a comparison with the action of disulfiram. Kitson TM. **Arch Biochem Biophys** 1984 Nov 1;234(2):487-96

High concentrations of aldehydes slow the reaction of cytoplasmic aldehyde dehydrogenase with thiol-group modifiers. Kitson TM. **Biochem J** 1985 Jun 15;228(3):765-7

Effects of disulfiram on the oxidation of benzaldehyde and acetaldehyde in rat liver. Hellström-Lindahl E, et al. **Biochem Pharmacol** 1985 May 1;34(9):1529-35

Effects of disulfiram, diethyldithiocarbamate, bisethylxanthogen, and benzyl isothiocyanate on glutathione transferase activities in mouse organs. Benson AM, et al. **Cancer Res** 1985 Sep;45(9):4219-23

Human mitochondrial aldehyde dehydrogenase inhibition by diethyldithiocarbamic acid methanethiol mixed disulfide: a derivative of disulfiram. MacKerell AD Jr, et al. **FEBS Lett** 1985 Jan 1;179(1):77-81

The effects of phenobarbital, bis-p-nitrophenyl phosphate and disulfiram on the hydrolysis of propanidid in Wistar rats. Nousiainen U. **Gen Pharmacol** 1984;15(5):397-402

Influence of disulfiram on the metabolism of N-nitrosodiethylamine. Frank N, et al. **IARC Sci Publ** 1984;(57):519-23

Effect of disulfiram on N-nitroso-N-methylbenzylamine metabolism. Biochemical aspects. Schweinsberg F, et al. **IARC Sci Publ** 1984;(57):525-32

Effects of disulfiram on the metabolism of nitrosodiethylamine during liver carcinogenesis. Hadjiolov D, et al. **J Cancer Res Clin Oncol** 1984;108(3):281-5

Methyltetrazolethiol and the Antabuse reaction [letter] Kitson TM. **Lancet** 1984 Dec 8;2(8415):1338

Hypotensive response of ethanol in rats pretreated with disulfiram or nitrefazole. Koda LY, et al. **Life Sci** 1984 Oct 15;35(16):1659-65

POISONING

Catatonia and encephalopathy following a disulfiram overdose. Wilson WH. **Wis Med J** 1984 Sep;83(9):15-6

[Myocardial infarction after voluntary poisoning with disulfiram and alcohol (letter)] Rimailho A, et al. **Presse Med** 1984 Oct 20;13(37):2266 **(Fre)**

[Acute disulfiram poisoning in a 16-year-old girl] Wesoły E. **Pol Tyg Lek** 1984 May 28;39(22):753-4 (Eng. Abstr.) **(Pol)**

RADIATION EFFECTS

Stability of an injectable disulfiram formulation sterilized by gamma irradiation. Phillips M, et al. **Am J Hosp Pharm** 1985 Feb;42(2):343-5

THERAPEUTIC USE

Control of the human head louse with disulfiram and benzyl benzoate emulsions. A laboratory study. Brinck-Lindroth G, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):325-30

Supervised Antabuse therapy. Brewer C. **Br J Clin Pract [Symp Suppl]** 1984;36:5-11

A proper use of Antabuse, the Danish model of treatment. Jensen E. **Br J Clin Pract [Symp Suppl]** 1984;36:2-4

Veterans Administration cooperative study of disulfiram in the treatment of alcoholism: study design and methodological considerations. Fuller RK, et al. **Controlled Clin Trials** 1984 Sep;5(3):263-73

A comparison of disulfiram acceptors and refusers on selected demographic and clinical characteristics. Rush BR, et al. **Drug Alcohol Depend** 1984 Sep;14(1):75-85

A one-year follow-up of men alcoholics given disulfiram. Schuckit MA. **J Stud Alcohol** 1985 May;46(3):191-5

Disulfiram reaction to organic solvents other than ethanol [letter] Scott GE, et al. **N Engl J Med** 1985 Mar 21;312(12):790

[Zinc levels in alcoholics during disulfiram treatment] Rasmussen EB, et al. **Ugeskr Laeger** 1984 Oct 1;146(40):3034-6 (Eng. Abstr.) **(Dan)**

[Interaction between neuroleptics, antidepressives and alcohol-disulfiram reaction] Skausig OB. **Ugeskr Laeger** 1985 Mar 4;147(10):883-4 (Eng. Abstr.) **(Dan)**

[Disulfiram treatment of alcoholism] Jongsma T. **Ned Tijdschr Geneeskd** 1985 Feb 9;129(6):249-54 **(Dut)**

[Effect of litonit and teturam on the course of biochemical processes in infectious inflammatory lesions of the kidneys in alcoholized animals] Kostev FI. **Biull Eksp Biol Med** 1985 Jun;99(6):661-3 (Eng. Abstr.) **(Rus)**

[Effect of teturam in the alcoholic intoxication of male rats on the biogenic amine level of the brain of progeny] Burov IuV, et al. **Farmakol Toksikol** 1985 May-Jun;48(3):86-8 (Eng. Abstr.) **(Rus)**

TOXICITY

Neurotoxic effects of disulfiram on autonomic nervous system in rat. Savolainen K, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Nov;55(5):339-44

Role of the respiratory system in metabolism of N-nitrosamines after simultaneous application of disulfiram. Bürkle V, et al. **IARC Sci Publ** 1984;(57):533-41

The effects of disulfiram on the experimental C3H mouse embryo. Thompson PA, et al. **J Appl Toxicol** 1985 Feb;5(1):1-10

Influence of a prolonged treatment with disulfiram and D(-)penicillamine on nitrosodiethylamine-induced biological and biochemical effects in rats. I. Investigations on the drug metabolizing system. Bertram B, et al. **J Cancer Res Clin Oncol** 1985;109(1):9-15

Influence of a prolonged treatment with disulfiram and D-penicillamine on nitrosodiethylamine-induced biological and biochemical effects. II. Investigations on trace elements in the liver. Schuhmacher J, et al. **J Cancer Res Clin Oncol** 1985;109(1):16-22

[Effect of alcohol and teturam on the gonads of male rats and their progeny] Smol'nikova NM, et al. **Farmakol Toksikol** 1984 Sep-Oct;47(5):82-5 (Eng. Abstr.) **(Rus)**

DISULFOTON see under **INSECTICIDES, ORGANOTHIOPHOSPHATE**

DITAZOL see under **OXAZOLES**

DITERPENES

Synthesis of a tricyclic aphidicolin analogue that inhibits DNA synthesis in vitro. McMurry JE, et al. **J Med Chem** 1984 Oct;27(10):1367-9

[The structures of four minor diterpenequinones przewaquinones C, D, E and F from the root of Salvia przewalskii Maxim var mandarinorum (Diels) Stib.] Yang BJ, et al. **Yao Hsueh Hsueh Pao** 1984 Apr;19(4):274-81 (Eng. Abstr.) **(Chi)**

ANALYSIS

The presence of dolichol in liver supernatant. Appelkvist EL, et al. **Acta Chem Scand [B]** 1985;39(1):72-4

Effect of plasticizers on the polyprene distribution in the liver. Edlund C, et al. **Acta Chem Scand [B]** 1985;39(4):315-7

Polyprenol content in primary human liver carcinoma. Eggens I, et al. **Acta Chem Scand [B]** 1985;39(4):326-8

Spectrophotometric determination of dolichol and dolichyl derivatives using the Chugaev color reaction. Hilderson HE, et al. **Anal Biochem** 1984 Aug 15;141(1):116-20

Diterpenoids of Rabdosia species. Fujita E, et al. **Fortschr Chem Org Naturst** 1984;46:77-157 (151 ref.)

Adenylate cyclase activity as a function of forskolin concentration. Barber R, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985;10(1):23-9

Terpenoids from Viguiera potosina. Gao F, et al. **J Nat Prod** 1985 May-Jun;48(3):489-90

Daphnane diterpenes from Diarthron vesiculosum: vesiculosin and isovesiculosin. Powell RG, et al. **J Nat Prod** 1985 Jan-Feb;48(1):102-7

ANTAGONISTS & INHIBITORS

Antagonistic actions of estradiol and tamoxifen upon forskolin-dependent meiotic arrest, intercellular coupling, and the cyclic AMP content of hamster oocyte-cumulus complexes. Racowsky C. **J Exp Zool** 1985 May;234(2):251-60

Lithium inhibition of forskolin-stimulated adenylate cyclase. Andersen PH, et al. **Neuropsychobiology** 1984;12(1):1-3

BIOSYNTHESIS

Inflammation-induced increases in dolichol synthesis and hydroxymethylglutaryl-coenzyme A reductase activity in mouse liver are prevented by a high-cholesterol diet but not by fasting. Potter JE. **Biochim Biophys Acta** 1984 Dec 6;796(3):393-6

BLOOD

Distribution of dolichol in human and rabbit blood. Elmberger G, et al. **Acta Chem Scand [B]** 1985;39(4):323-5

ISOLATION & PURIFICATION

The presence of isoprenoid compounds in human organs. Tollbom O. **Acta Chem Scand [B]** 1985;39(1):75-7

Separation of some neutral lipids by normal-phase high-performance liquid chromatography on a cyanopropyl column: ubiquinone, dolichol, and cholesterol levels in sheep liver. Palmer DN, et al. **Anal Biochem** 1984 Aug 1;140(2):315-9

Identification of cembratriene-4,6-diol as antitumor-promoting agent from cigarette smoke condensate. Saito Y, et al. **Carcinogenesis** 1985 Aug;6(8):1189-94

Use of silver nitrate impregnated silica cartridges in the separation of kahweol and cafestol esters by preparative liquid chromatography. Lam LK, et al. **J Chromatogr** 1985 Jun 28;328:422-4

Further studies of the terpenoid content in the gorgonian Eunicea succinea: 12,13-bisepieupalmerin, a new cembranolide. Gopichand Y, et al. **J Nat Prod** 1984 Jul-Aug;47(4):607-14

A new diterpene from Cupressus goveniana var. abramasiana: 5 beta-hydroxy-6-oxasugiol (cupresol). Jolad SD, et al. **J Nat Prod** 1984 Nov-Dec;47(6):983-7

Terpenoids of Helianthus nuttallii. Lee EF, et al. **J Nat Prod** 1984 Nov-Dec;47(6):1021-3

Structure and conformation of two new dolabellane-based diterpenes from Dictyota sp. Tringali C, et al. **J Nat Prod** 1984 Jul-Aug;47(4):615-9

Isolation and assay of dolichol and dolichyl phosphate. Adair WL, et al. **Methods Enzymol** 1985;111:201-15

Macrocyclic lathyrane type diterpene esters (jolkinols) from callus cultures and roots of Euphorbia lathyris. Adolf W, et al. **Planta Med** 1984 Jun;50(3):259-61

6,7-Dehydroroyleanone, a diterpenoid quinone from Salvia moorcraftiana. Bakshi B, et al. **Planta Med** 1984 Aug;50(4):355-6

[New diterpenoids of Rabdosia macrocalyx: the structure of macrocalin A and macrocalin B] Cheng PY, et al. **Yao Hsueh Hsueh Pao** 1984 Aug;19(8):593-8 (Eng. Abstr.) **(Chi)**

[Studies on the diterpenoids of Rabdosia rosthornii (Diels) Hara] Li GY, et al. **Yao Hsueh Hsueh Pao** 1984 Aug;19(8):590-2 (Eng. Abstr.) **(Chi)**

[Studies on the diterpenoids from Rabdosia angustifolia] Sun HD, et al. **Yao Hsueh Hsueh Pao** 1984 Aug;19(8):633-5 (Eng. Abstr.) **(Chi)**

METABOLISM

Dolichols and enzymatic formation of dolichyl phosphate sugars in the thymus of mice on neoplastic transformation. Szkopińska A, et al. **Acta Biochim Pol** 1985;32(1):63-70

High-affinity binding of forskolin to rat brain membranes. Seamon KB, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985;19:125-35

Biotransformation of dehydroabietic acid with resting cell suspensions and calcium alginate-immobilized cells of Mortierella isabellina. Kutney JP, et al. **Appl Environ Microbiol** 1985 Jan;49(1):96-100

Hydrolysis of dolichyl esters by oviduct membranes and characterization of endogenous dolichyl esters. Malvar TM, et al. **Arch Biochem Biophys** 1985 May 1;238(2):401-9

Distribution, metabolism and excretion of [1-14C]dolichol injected intravenously into rats. Rip JW, et al. **Biochem J** 1985 May 1;227(3):705-10

In vitro conversion of phytol to phytanic acid in rat liver: subcellular distribution of activity and chemical characterization of intermediates using a new bromination technique. Muralidharan FN, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):36-40

Quantitation of excretion of dolichol and dolichyl phosphate from the rat. Connelly LW, et al. **Biosci Rep** 1984 Sep;4(9):771-6

Localization of [3H]forskolin binding sites in the rat brain using quantitative autoradiography. Gehlert DR, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):223-5

Regulation of [3H]forskolin binding to human platelet membranes by GppNHp, NaF, and prostaglandin E1. Nelson CA, et al. **FEBS Lett** 1985 Apr 22;183(2):349-52

Dolichol metabolism in cultured skin fibroblasts from patients with 'neuronal' ceroid lipofuscinosis (Batten's disease). Paton BC, et al. **J Inherited Metab Dis** 1984;7(3):112-6

Microbial transformations of natural antitumor agents, 25. Conversions of 3-ketoaphidicolin. Ipsen J, et al. **J Nat Prod** 1984 May-Jun;47(3):497-503

Relationship among calmodulin-, forskolin-, and guanine nucleotide-dependent adenylate cyclase activities in cerebellar membranes: studies by limited proteolysis. Malnoë A, et al. **J Neurochem** 1985 Oct;45(4):1163-71

Dolichol in human brain: regional and developmental aspects. Sakakihara Y, et al. **J Neurochem** 1985 May;44(5):1535-40

PHARMACODYNAMICS

Effects of rhomotoxin on nutritional blood flow and content of cAMP in myocardium. Jia JF, et al. **Acta Acad Med Wuhan** 1984;4(3):191-2

Forskolin perturbs cGMP as well as cAMP levels in human thyroid cells. Brandi ML, et al. **Acta Endocrinol (Copenh)** 1984 Oct;107(2):225-9

Forskolin stimulation of naphthylamidase in guinea pig thyroid sections detected with a cytochemical bioassay. Ealey PA, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):367-71

Forskolin stimulation of adenylate cyclase in human thyroid membranes. Kasai K, et al. **Acta Endocrinol (Copenh)** 1985 Feb;108(2):200-5

Forskolin-stimulated adenylate cyclase activity in rat cerebral cortex following chronic treatment with psychotropic drugs. Andersen PH, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Oct;55(4):278-82

Effect of polyprenoic acid (E5166) on a human neuroblastoma cell line in culture. Hasegawa T. **Acta Vitaminol Enzymol** 1984;6(2):109-15

Regulation of the catalytic unit of adenylate cyclase system in rat brain. Ishibashi S, et al. **Adv Exp Med Biol** 1984;175:63-74

Aphidicolin and eukaryotic DNA synthesis. Spadari S, et al. **Adv Exp Med Biol** 1984;179:169-81

Regulation of aqueous flow by the adenylate cyclase receptor complex in the ciliary epithelium. Sears ML. **Am J Ophthalmol** 1985 Jul 15;100(1):194-8

PGE2, forskolin, and cholera toxin interactions in modulating NaCl transport in mouse mTALH. Culpepper RM, et al.

Am J Physiol 1984 Nov;247(5 Pt 2):F784–92

Epithelial properties of human colonic carcinoma cell line Caco–2: effect of secretagogues. Grasset E, et al. **Am J Physiol** 1985 May;248(5 Pt 1):C410–8

Forskolin and antidiuretic hormone stimulate a Ca2+–activated K+ channel in cultured kidney cells. Guggino SE, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):F448–55

Mutually exclusive inhibition of herpesvirus DNA polymerase by aphidicolin, phosphonoformate, and acyclic nucleoside triphosphates. Frank KB, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):445–8

In vivo distribution and activity of aphidicolin on dividing and quiescent cells. Spadari S, et al. **Antiviral Res** 1985 Apr;5(2):93–101

Platelet activating factor–stimulated formation of inositol triphosphate in platelets and its regulation by various agents including Ca2+, indomethacin, CV–3988, and forskolin. Shukla SD. **Arch Biochem Biophys** 1985 Aug 1; 240(2):674–81

Effect of DNA polymerase inhibitors on the replication of human cytomegalovirus. Brief report. Gönczöl E, et al. **Arch Virol** 1985;84(1–2):129–34

Synergistic stimulation of prolactin release by phorbol ester, A23187 and forskolin. Delbeke D, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):735–41

Forskolin and 12–0–tetradecanoylphorbol–13–acetate mimic thyrotropin–stimulated protein iodination in mouse thyroid. Levasseur S, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):858–63

Pertussis toxin reversal of the antilipolytic action of insulin in rat adipocytes in the presence of forskolin does not involve cyclic AMP. Mills I, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1059–65

Forskolin action on histamine stimulated adenylyl cyclase in parietal cells of rat and guinea pig. Holian O, et al. **Biochem Int** 1984 Oct;9(4):429–35

Detergent–extraction of a regulatory subunit of brain adenylate cyclase and its sensitivity to calmodulin and forskolin. Sano M, et al. **Biochem Int** 1983 Oct;7(4):463–9

A DNA polymerase alpha partially resistant to aphidicolin in cells and embryos of Med–fly (Ceratitis capitata Wied.). Scovassi AI, et al. **Biochem Int** 1983 Oct;7(4):481–91

Substrates for cyclic AMP–dependent protein kinase in islets of Langerhans. Studies with forskolin and catalytic subunit. Christie MR, et al. **Biochem J** 1985 May 1;227(3):727–36

Effects of prostaglandin I2 and forskolin on the secretion from platelets evoked at basal concentrations of cytoplasmic free calcium by thrombin, collagen, phorbol ester and exogenous diacylglycerol. Rink TJ, et al. **Biochem J** 1984 Sep 15;222(3):833–6

Rate–limiting steps in isoproterenol and forskolin stimulated lipolysis. Allen DO. **Biochem Pharmacol** 1985 Mar 15; 34(6):843–6

Forskolin activation of serotonin–stimulated adenylate cyclase in the liver fluke Fasciola hepatica. McNall SJ, et al. **Biochem Pharmacol** 1985 May 15;34(10):1683–8

Forskolin effects on the beta–adrenergic responsiveness of rat hepatocytes. Pushpendran CK, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):3099–101

Stimulation of acetylcholine release from guinea–pig ileal synaptosomes by cyclic nucleotides and forskolin. Reese JH, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):3007–11

Changes in histone H1 content and chromatin structure of cells blocked in early S phase by 5–fluorodeoxyuridine and aphidicolin. D'Anna JA, et al. **Biochemistry** 1984 Oct 9; 23(21):5024–9

Cytochemical localization of adenylate cyclase in the dense tubule system of human blood platelets stimulated by forskolin, prostacyclin and prostaglandin D2. Cutler LS, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):403–10

Induction of osteoblastic cell differentiation by forskolin. Stimulation of cyclic AMP production and alkaline phosphatase activity. Hakeda Y, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):49–53

Potentiating role of cyclic AMP in pancreatic enzyme secretion, demonstrated by means of forskolin. Willems PH, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):209–14

Influence of follicular maturation on luteinizing hormone–, cyclic 3',5'–adenosine monophosphate–, forskolin– and cholesterol–stimulated progesterone production in hen granulosa cells. Asem EK, et al. **Biol Reprod** 1985 Mar; 32(2):257–68

Spontaneous maturation in vitro of cumulus–enclosed rat oocytes is inhibited by forskolin. Dekel N, et al. **Biol Reprod** 1984 Sep;31(2):244–50

Effects of proopiomelanocortin–derived peptides, methionine–enkephalin and forskolin on the maturation of ovine fetal adrenal cells in culture. Durand P, et al. **Biol Reprod** 1984 Nov;31(4):694–704

Forskolin: its effects on potassium–evoked release of vasopressin from the rat neurohypophysis. Bowman D, et al. **Br J Pharmacol** 1985 May;85(1):197–203

Inhibitory effects of forskolin and papaverine on nerve conduction partially blocked by tetrodotoxin in the frog sciatic nerve. Ribeiro JA, et al. **Br J Pharmacol** 1985 May; 85(1):309–13

Effects of isoproterenol and forskolin on tension, cyclic AMP levels, and cyclic AMP dependent protein kinase activity in bovine coronary artery. Vegesna RV, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1116–23

Cancer chromosome breakpoints and common fragile sites induced by aphidicolin. Hecht F, et al. **Cancer Genet Cytogenet** 1984 Oct;13(2):185–8

A Chinese hamster ovary cell mutant resistant to aphidicolin. Smith DB, et al. **Cell Biol Int Rep** 1985 Apr;9(4):331–9

Regulation of stage–specific gene expression during early mouse development: effect of cytochalasin B and aphidicolin on stage–specific protein synthesis in mouse eggs. Petzoldt U. **Cell Differ** 1984 Dec;15(2–4):163–7

Combined effects of aphidicolin and retinoic acid on proliferation and differentiation of human leukaemic (HL–60) cells. Chou RH, et al. **Cell Tissue Kinet** 1985 Jul; 18(4):387–97

Hemodynamic effects of rhomotoxin assessed by impedance cardiography in hypertensive patients. Chen G, et al. **Chin Med J [Engl]** 1985 May;98(5):325–8

Metabolic effects of dehydroabietic acid on rainbow trout erythrocytes. Bushnell PG, et al. **Comp Biochem Physiol [C]** 1985;81(2):391–4

Potentiation of the 5–hydroxytryptamine–induced increases in myocardial contractility in Mercenaria mercenaria ventricle by forskolin. Paciotti GF, et al. **Comp Biochem Physiol [C]** 1985;80(2):325–9

Serotonin and forskolin enhance both magnitude of contraction and relaxation rate of Aplysia dorsal extrinsic muscle independently of acetylcholine receptor. Ram JL, et al. **Comp Biochem Physiol [C]** 1984;79(2):455–9

Forskolin suppresses sympathetic neuron function and causes ocular hypotension. Potter DE, et al. **Curr Eye Res** 1985 Feb;4(2):87–96

Analysis of the mutation to forskolin–resistance in Y1 adrenocortical tumor cells. Schimmer BP, et al. **Endocr Res** 1984–85;10(3–4):365–86

Parathyroid hormone modulation of 25–hydroxyvitamin D3 metabolism by cultured chick kidney cells is mimicked and enhanced by forskolin. Henry HL. **Endocrinology** 1985 Feb; 116(2):503–10

Forskolin, an activator of adenylate cyclase, stimulates pancreatic insulin, glucagon, and somatostatin release in the dog: studies in vitro. Hermansen K. **Endocrinology** 1985 Jun;116(6):2251–8

Forskolin–induced activation of adenylate cyclase, cyclic adenosine monophosphate production and insulin release in rat pancreatic islets. Malaisse WJ, et al. **Endocrinology** 1984 Nov;115(5):2015–20

Influence of forskolin on the parathyroid hormone dependent adenylate cyclase system of canine kidney: evidence for noncatalytic effects of forskolin. Martin KJ, et al. **Endocrinology** 1984 Nov;115(5):1678–82

Alteration with dietary state of the activity and zonal distribution of adenylate cyclase stimulated by glucagon, fluoride and forskolin in microdissected rat liver tissue. Zierz S, et al. **Eur J Biochem** 1984 Dec 17;145(3):499–504

Effect of forskolin on prostaglandin synthesis by mouse resident peritoneal macrophages. Chang J, et al. **Eur J Pharmacol** 1984 Aug 17;103(3–4):303–12

The effect of forskolin on smooth muscle cells of guinea–pig taenia caeci. Den Hertog A, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):181–4

Bronchodilator and antiallergy activity of forskolin. Kreutner W, et al. **Eur J Pharmacol** 1985 Apr 23;111(1):1–8

The interaction of carbachol and forskolin in rabbit papillary muscles. Macleod KM. **Eur J Pharmacol** 1984 Dec 15; 107(1):95–9

Effects of forskolin and isoproterenol on cyclic AMP and tension in the myometrium. Marshall JM, et al. **Eur J Pharmacol** 1984 Dec 15;107(1):25–34

Activation of adenylate cyclase by dopamine, GTP, NaF and forskolin in striatal membranes of neonatal, adult and senescent rats. Nomura Y, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):437–40

Comparison of the effects of forskolin and isoprenaline on tracheal, cardiac and skeletal muscles from guinea–pig. Waldeck B, et al. **Eur J Pharmacol** 1985 Jun 19; 112(3):349–53

Effects of aphidicolin on premature condensation of sperm chromosomes in fertilized sea urchin eggs. Killian CE, et al. **Exp Cell Res** 1985 Jun;158(2):519–24

Aqueous flow in human eyes is reduced by forskolin, a potent adenylate cyclase activator. Burstein NL, et al. **Exp Eye Res** 1984 Dec;39(6):745–9

Combined effect of forskolin and acetazolamide on intraocular pressure and aqueous flow in rabbit eyes. Caprioli J, et al. **Exp Eye Res** 1984 Jul;39(1):47–50

Effect of steviol and its structural analogues on glucose production and oxygen uptake in rat renal tubules. Yamamoto NS, et al. **Experientia** 1985 Jan 15;41(1):55–7

Inhibition by forskolin of cytosolic calcium rise, shape change and aggregation in quin2–loaded human platelets. Sage SO, et al. **FEBS Lett** 1985 Aug 19;188(1):135–40

Insulin release independent of a rise in cytosolic free Ca2+ by forskolin and phorbol ester. Tamagawa T, et al. **FEBS Lett** 1985 Apr 22;183(2):430–2

Effects of aphidicolin on the repair and fixation of potentially lethal damage sensitive to beta–araA. Iliakis G, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1149–55

Effect of topically applied forskolin on aqueous humor dynamics in cynomolgus monkey. Lee PY, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1206–9

Forskolin–induced change of the size of adenylate cyclase. Bouhelal R, et al. **J Biol Chem** 1985 Sep 15;260(20):10901–4

Novel interaction of aphidicolin with herpes simplex virus DNA polymerase and polymerase–associated exonuclease. Frank KB, et al. **J Biol Chem** 1984 Nov 10;259(21):13282–6

The influence of dolichol, dolichol esters, and dolichyl phosphate on phospholipid polymorphism and fluidity in model membranes. Valtersson C, et al. **J Biol Chem** 1985 Mar 10;260(5):2742–51

Effects of aphidicolin and/or 2',3'–dideoxythymidine on DNA repair induced in HeLa cells by four types of DNA–damaging agents. Yamada K, et al. **J Biol Chem** 1985 Sep 5;260(19):10412–7

Estrogen receptor expression in serially cultivated rat endometrial cells: stimulation by forskolin and cholera toxin. Heimann R, et al. **J Cell Physiol** 1985 May; 123(2):197–200

Forskolin induction of S–100 protein in glioma and hybrid cells. Higashida H, et al. **J Cell Physiol** 1985 Jan; 122(1):39–44

Enterocytic differentiation and glucose utilization in the human colon tumor cell line Caco–2: modulation by forskolin. Rousset M, et al. **J Cell Physiol** 1985 Jun; 123(3):377–85

Effects of forskolin on adenylate cyclase activity and amylase secretion in the rat exocrine pancreas. Dehaye JP, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(3):269–80

Effect of forskolin on phosphorylation of a 25,000 Mr protein in perfused guinea pig hearts. Fliegel L, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(3):259–67

Forskolin, but not alcohol, counteracts desensitization of cyclic AMP accumulation to beta–adrenergic stimulation in rat parotid. Harper JF. **J Cyclic Nucleotide Protein Phosphor Res** 1983–84; 9(6):401–14

Forskolin modulates cyclic AMP generation in the rat myometrium. Interactions with isoproterenol and prostaglandins E2 and I2. Mokhtari A, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(3):213–27 (30 ref.)

Interaction of forskolin with vasopressin–sensitive cyclic AMP system in renal medullary tubules. Murayama N, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1983–84; 9(6):427–33

Receptor (norepinephrine), P–site (2',5'–dideoxyadenosine), and calcium–mediated inhibition of prostaglandin and forskolin–activated cyclic AMP–generating systems in human platelets. Siegl AM, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(3):229–45

Heritability of forskolin and hormone–stimulated adenylate cyclase activity in human lymphocytes. Stessmann J, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(4):317–26

Characterization of thyroid–stimulating immunoglobulin–induced cyclic AMP accumulation in the rat thyroid cell strain FRTL–5: potentiation by forskolin and calibration against reference preparations of thyrotrophin. Bidey SP, et al. **J Endocrinol** 1985 Apr; 105(1):7–15

The role of cell proliferation and cellular shape change in branching morphogenesis of the embryonic mouse lung: analysis using aphidicolin and cytochalasins. Goldin GV, et al. **J Exp Zool** 1984 Nov;232(2):287–96

Effect of forskolin on the spontaneous maturation and cyclic AMP content of hamster oocyte–cumulus complexes. Racowsky C. **J Exp Zool** 1985 Apr;234(1):87–96

Forskolin increases osmotic water permeability of rabbit cortical collecting tubule. Dillingham MA, et al. **J Membr Biol** 1984;80(3):243–8

Dopamine inhibits forskolin– and 3–isobutyl–1–methylxanthine–induced dark–adaptive retinomotor movements in isolated teleost retinas. Dearry A, et al. **J Neurochem** 1985 Jun;44(6):1753–63

Characteristics of tyrosine hydroxylase activation by K+–induced depolarization and/or forskolin in rat striatal slices. el Mestikawy S, et al. **J Neurochem** 1985 Jul; 45(1):173–84

Modulation of potassium current kinetics in bag cell neurons of Aplysia by an activator of adenylate cyclase. Strong JA. **J Neurosci** 1984 Nov;4(11):2772–83

Mode of interaction between forskolin and manganese ion in activating catalytic unit of adenylate cyclase from rat brain. Kurokawa T, et al. **J Pharmacobiodyn** 1984 Sep; 7(9):665–70

Muscarinic cholinergic receptors in mouse pituitary tumor cells: prolonged agonist pretreatment decreases receptor content and increases forskolin– and hormone–stimulated cyclic AMP synthesis and adrenocorticotropin secretion. Heisler S, et al. **J Pharmacol Exp Ther** 1985 Jan; 232(1):232–8

Pertussis toxin treatment blocks the inhibition of somatostatin and increases the stimulation by forskolin of cyclic AMP accumulation and adrenocorticotropin secretion from mouse anterior pituitary tumor cells. Reisine T, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):275–82

Forskolin mimics the hydroosmotic action of vasopressin in the urinary bladder of toads Bufo marinus. De Sousa RC, et al. **J Physiol (Lond)** 1985 Aug;365:307–18

Effect of alpha–dihydro–grayanotoxin–II on the electrical activity of the rabbit sino–atrial node. Nakao M, et al. **J Physiol (Lond)** 1984 Dec;357:79–91

Calcium requirement for alpha–MSH action on melanophores: studies with forskolin. de Graan PN, et al.

J Recept Res 1984;4(1-6):521-36

Photoaffinity labelling of MSH receptors on Anolis melanophores: effects of catecholamines, calcium and forskolin. Eberle AN, et al. **J Recept Res** 1985;5(1):59-81

Effect of forskolin on maintenance of meiotic arrest and stimulation of cumulus expansion, progesterone and cyclic AMP production by pig oocyte-cumulus complexes. Racowsky C. **J Reprod Fertil** 1985 May;74(1):9-21

Relationship between the inotropy speeds in guinea-pig myocardium and lipophilic character of cardenolides and ericaceous toxins. Hotta Y, et al. **Jpn J Pharmacol** 1984 Oct;36(2):205-15

Increase in cyclic AMP level and stimulation of catecholamine synthesis in isolated bovine adrenal medullary cells caused by forskolin. Houchi H, et al. **Jpn J Pharmacol** 1984 Sep;36(1):97-9

Modulation of cultured mouse Leydig cells adenylate cyclase by forskolin and hCG. Lefèvre A, et al. **Mol Cell Endocrinol** 1985 May;40(2-3):107-14

Effect of forskolin on islet cyclic AMP, insulin secretion, blood glucose and intravenous glucose tolerance in rats. Ammon HP, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul;326(4):364-7

Forskolin inhibits potassium-evoked release of vasopressin from rat neurohypophyses. Bowman D, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan;328(3):358-60

Forskolin-induced elevation of rat jejunal cyclic AMP levels and stimulation of active glucose transport in vitro. Reymann A, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan;328(3):317-23

Responsiveness of immature versus adult male rat hypothalami to dibutyryl cyclic AMP- and forskolin-induced LHRH release in vitro. Hartter DE, et al. **Neuroendocrinology** 1985 Jun;40(6):476-82

Forskolin mimics and blocks a serotonin-sensitive decreased K+ conductance in tail sensory neurons of Aplysia. Walsh JP, et al. **Neurosci Lett** 1984 Nov 23;52(1-2):7-11

Human adenoviruses as indicators of inhibition of DNA repair. Day RS 3d, et al. **Nucleic Acids Symp Ser** 1984;(13):279-90

Effects of aphidicolin and alpha-amanitin on visualization of acridine orange binding to DNA in rat astrocytoma C6 cells. Hara H, et al. **Pathol Res Pract** 1985 Mar;179(4-5):499-503

Forskolin prolongs action potential duration and blocks potassium current in embryonic chick sensory neurons. Dunlap K. **Pflugers Arch** 1985 Feb;403(2):170-4

Metabolically activated steviol, the aglycone of stevioside, is mutagenic. Pezzuto JM, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2478-82

beta-Adrenergic induced K+ current in Xenopus oocytes: role of cAMP, inhibition by muscarinic agents. Van Renterghem C, et al. **Proc R Soc Lond [Biol]** 1985 Jan 22;223(1232):389-402

A low dose of forskolin increases cyclic AMP levels and cyclic AMP dependent protein kinase activity in bovine coronary arteries without causing relaxation. Vegesna RV, et al. **Proc West Pharmacol Soc** 1984;27:189-92

Interaction between prostaglandin E1 and forskolin in modulation of cyclic AMP levels in rat epididymal adipocytes. Fatemi SH. **Prostaglandins Leukotrienes Med** 1985 May;18(2):151-61

Forskolin inhibits histamine release by neurotensin in the rat perfused hind limb. Kérouac R, et al. **Res Commun Chem Pathol Pharmacol** 1984 Aug;45(2):309-12

Effects of dibutyryl cyclic AMP and forskolin on phospholipid biosynthesis in thrombin-stimulated human platelets. Imai A, et al. **Thromb Res** 1984 Sep 1;35(5):539-46

[Hypotensive effect of delsoline] Lian QS, et al. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar;6(1):37-40 (Eng. Abstr.) (Chi)

[Effect of forskolin eyedrops on intraocular pressure in healthy males] Badian M, et al. **Klin Monatsbl Augenheilkd** 1984 Dec;185(6):522-6 (Eng. Abstr.) (Ger)

[The effect of forskolin and triiodothyronine on the production of cyclic adenosine monophosphate in the thymocytes of rats] Knopp J, et al. **Bratisl Lek Listy** 1985 Mar;83(3):323-9 (Eng. Abstr.) (Slo)

PHYSIOLOGY

Commitment events in early G1 requirement for the synthesis of dolichol dependent glycoproteins. Larsson O. **Cell Biol Int Rep** 1985 Jul;9(7):627-36

POISONING

Warning—rhododendrons may damage your health! Chambers AM. **Scott Med J** 1984 Apr;29(2):107-8

THERAPEUTIC USE

Forskolin suppresses seizures induced by pentylenetetrazol in mice. Sano M, et al. **Experientia** 1984 Nov 15;40(11):1270-1

Nimbidin in duodenal ulcer. Balakrishnan V, et al. **Trop Gastroenterol** 1985 Jan-Mar;6(1):23-5

TOXICITY

Antifertility activity and general pharmacological properties of ORF 13811: a synthetic analog of zoapatanol. Hahn DW, et al. **Contraception** 1984 Jul;30(1):39-53

Irritant diterpene ester promoters of mouse skin: contributions to etiologies of environmental cancer and to biochemical mechanisms of carcinogenesis. Hecker E, et al. **Int Symp Princess Takamatsu Cancer Res Fund** 1983;14:3-36

Effect of aphidicolin on vaccinia virus: isolation of an aphidicolin-resistant mutant. DeFilippes FM. **J Virol** 1984 Nov;52(2):474-82

The effect of inhibitors of DNA synthesis on DNA repair. Fram RJ, et al. **Nucleic Acids Symp Ser** 1984;(13):95-107

URINE

Elevated urinary dolichol levels in chronic alcoholics. Pullarkat RK, et al. **Alcoholism (NY)** 1985 Jan-Feb;9(1):28-30

Urinary sediment dolichol excretion in patients with Batten disease and other neurodegenerative and storage disorders. Bennett MJ, et al. **Pediatr Res** 1985 Feb;19(2):213-6

DITHIAZANINE

THERAPEUTIC USE

Development of a chemotherapeutic model for microfilaricidal drugs to Dirofilaria immitis. April M, et al. **Acta Trop (Basel)** 1984 Dec;41(4):383-9

DITHIOERYTHRITOL see under **DITHIOTHREITOL**

DITHIONITE see under **SULFITES**

DITHIONITROBENZOIC ACID see under **NITROBENZOATES**

DITHIOTHREITOL

Pulse radiolysis studies of the interactions of the sulfhydryl compound dithiothreitol and sugars. Held KD, et al. **Radiat Res** 1985 Aug;103(2):171-85

Effect of dithiothreitol treatment of plasma on automated anti-D assay. Ashford PR, et al. **Vox Sang** 1985;49(2):121-5

ANALOGS & DERIVATIVES

Effects of dithiothreitol, dithioerythritol and chelating agents on 5'-nucleotidase from bull seminal plasma. Fini C, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):403-9

ANALYSIS

Reaction of vitamin K and dithiothreitol on reversed-phase C18 high-performance liquid chromatographic columns. Canfield LM, et al. **J Chromatogr** 1984 Sep 7;299(1):225-31

PHARMACODYNAMICS

Inactivation of [125I]-angiotensin II binding sites in rat renal cortex epithelial membranes by dithiothreitol. Cox HM, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4057-62

Effects of thio-group modifications of Torpedo californica acetylcholine receptor on ion flux activation and inactivation kinetics. Walker JW, et al. **Biochemistry** 1984 May 22;23(11):2329-38

Effects of dithiothreitol, dithioerythritol and chelating agents on 5'-nucleotidase from bull seminal plasma. Fini C, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):403-9

Evidence of essential disulfide bonds in angiotensin II binding sites of rabbit hepatic membranes. Inactivation by dithiothreitol. Sen I. **Biochim Biophys Acta** 1985 Feb 28;813(1):103-10

Insulin bound to the insulin receptor of IM-9 lymphocytes is more accessible to antiinsulin antibodies after treatment with dithiothreitol: bound insulin is deeply buried in the receptor-binding site. McElduff A, et al. **Endocrinology** 1984 Nov;115(5):1869-75

Effect of dithiothreitol on activity and protein structure of human urine urokinase. Kobayashi O, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):37-44

Trinitrophenylation of rabbit skeletal myosin by 2,4,6-trinitrobenzene sulfonate and treatment of trinitrophenyl myosin with dithiothreitol. Kodama S, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):831-6

Post-irradiation inactivation, protection, and repair of the sulfhydryl enzyme malate synthase. Effects of formate, superoxide dismutase, catalase, and dithiothreitol. Durchschlag H, et al. **Radiat Environ Biophys** 1985;24(2):99-111

Interactions of radioprotectors and oxygen in cultured mammalian cells. I. Dithiothreitol effects on radiation-induced cell killing. Held KD. **Radiat Res** 1985 Mar;101(3):424-33

The effect of dithiothreitol on the LW antigen. Konigshaus GJ, et al. **Transfusion** 1984 Nov-Dec;24(6):536-7

[In vitro activation by dithiothreitol and thioredoxins of carbamyl phosphate synthetase-I in rat liver] Gautier C, et al. **C R Acad Sci [III]** 1984;299(20):849-52 (Eng. Abstr.) (Fre)

DITHIZONE see under **AZO COMPOUNDS**

DIURESIS

see related

OSMOLAR CONCENTRATION

Regulation of renal water excretion in newborn full-term infants. Aperia A, et al. **Acta Paediatr Scand** 1984 Nov;73(6):717-21

Diuresis and urine concentration during CPAP in newborn infants. Svenningsen NW, et al. **Acta Paediatr Scand** 1984 Nov;73(6):727-32

Time course of denervation diuresis and natriuresis in the anaesthetized rat. Bencsáth P, et al. **Acta Physiol Hung** 1985;66(1):47-50

The value of a diuretic load in assessment of the pathological pelviureteric junction. Daponte P, et al. **Acta Urol Belg** 1984;52(3):349-53

Renal adaptation to extrauterine life in patients with respiratory distress syndrome. Costarino AT, et al. **Am J Dis Child** 1985 Oct;139(10):1060-3

Postnatal diuresis and respiratory distress syndrome in infants receiving mechanical ventilation. Shaffer SG, et al. **Am J Perinatol** 1984 Apr;1(3):203-7

Localization of diuretic action in microperfused rat distal tubules: Ca and Na transport. Costanzo LS. **Am J Physiol** 1985 Apr;248(4 Pt 2):F527-35

Urinary responses to cold temperature during water immersion. Knight DR, et al. **Am J Physiol** 1985 May;248(5 Pt 2):R560-6

Osmotic factors in restitution from thermal dehydration in rats. Nose H, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R166-71

Effect of sustained water diuresis on prostaglandin E2 excretion in humans. Roberts DG, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F830-4

Abnormal pressure-diuresis-natriuresis response in spontaneously hypertensive rats. Roman RJ, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F199-205

Renal function in sea snakes. I. Glomerular filtration rate and water handling. Yokota SD, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R228-36

Effect of diuresis on urinary excretion and creatinine clearance in the horse. Gronwall R. **Am J Vet Res** 1985 Aug;46(8):1616-8

Changes in sodium and potassium excretion and urinary volume in rats submitted to hypervitaminosis A. Petenusci SO, et al. **Arch Int Physiol Biochim** 1984 Dec;92(5):327-31

Relationship between total body clearance of caffeine and urine flow rate in elderly men. Trang JM, et al. **Biopharm Drug Dispos** 1985 Jan-Mar;6(1):51-6

Comparison of mesna with forced diuresis to prevent cyclophosphamide induced haemorrhagic cystitis in marrow transplantation: a prospective randomised study. Hows JM, et al. **Br J Cancer** 1984 Dec;50(6):753-6

Diuresis and renal functional recovery in chronic retention. Bishop MC. **Br J Urol** 1985 Feb;57(1):1-5

Re: R. H. Earhart et al. Improvement in the therapeutic index of cisplatin (NSC 119875) by pharmacologically induced chloruresis in the rat [letter] Safirstein R. **Cancer Res** 1984 Nov;44(11):5455-6

The causative agent in atrial receptor diuresis in the dog is a low molecular weight, lipophilic and weakly acidic substance. Pither JM, et al. **Clin Sci** 1985 Feb;68(2):243-6

Relationship between urine flow rate and prostaglandin E excretion in human beings. Lifschitz MD, et al. **J Lab Clin Med** 1985 Feb;105(2):234-8

Acute dapsone intoxication: a case treated with continuous infusion of methylene blue, forced diuresis and plasma exchange. Berlin G, et al. **J Toxicol Clin Toxicol** 1984-85;22(6):537-48

Effect of diuresis and glucagon on upper urinary tract dynamics in the dog. Struthers NW, et al. **J Urol** 1985 Jan;133(1):121-2

Diuresis related to cold exposure [letter] Reed HL, et al. **JAMA** 1985 Feb 8;253(6):776-7

Effect of diuresis on urinary erythrocyte morphology in glomerulonephritis. Schuetz E, et al. **Klin Wochenschr** 1985 Jul 1;63(13):575-7

Effect of minor surgery on urinary flow and electrolyte excretion in the awake dog. Frommer JP, et al. **Miner Electrolyte Metab** 1985;11(2):91-6

Acute hypercapnic acidosis diminishes renal water excretion in conscious dogs. Rose CE Jr, et al. **Miner Electrolyte Metab** 1985;11([illegible]):131-6

Serum lithium minimum and diuresis. Mellerup ET, et al. **Psychiatry Res** 1985 Apr;14(4):309-13

Hyperbaric diuresis and nocturia—a review. Shiraki K, et al. **Sangyo Ika Daigaku Zasshi** 1985 Mar 1;7(1):61-72 (15 ref.)

Hyperbaric diuresis at a thermoneutral 31 ATA He-O2 environment. Shiraki K, et al. **Undersea Biomed Res** 1984 Dec;11(4):341-53

[The elimination of bacteria from the bladder in geriatric patients] Cools HJ. **Ned Tijdschr Geneeskd** 1984 Sep 29;128(39):1835-9 (Eng. Abstr.) (Dut)

[Relation between acute changes in diuresis and renal prostaglandins. I: Induced hypotonic polyuria] Agnoli GC, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1567-72 (Eng. Abstr.) (Ita)

[Risk of bronchopulmonary dysplasia: the importance of diuresis] Introvini P, et al. **Pediatr Med Chir** 1983 Nov-Dec;5(6):579-82 (Eng. Abstr.) (Ita)

[Clinical study on function reversibility of cadaveric renal allografts. I. Relationship between donor factors or ischemic time of the graft and reversibility of the function] Ihara H, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Oct; 75(10):1611-8 (Eng. Abstr.) (Jpn)

DRUG EFFECTS

Morphine antidiuresis in conscious rats: contribution of vasopressin and blood pressure. Grell S, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Jan;56(1):38-43

Effects of indomethacin and polyunsaturated phosphatidylcholine on short-term control of renal water excretion. Agnoli GC, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:141-5

Maternal furosemide may not provoke urine production in the compromised fetus. Harman CR. **Am J Obstet Gynecol** 1984 Oct 1;150(3):322-3

Failure of Lasix to induce a fetal diuresis [letter] Ross MG, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1107

Prostaglandin inhibitors alter loop segment chloride uptake during furosemide diuresis. Kirchner KA. **Am J Physiol** 1985 May;248(5 Pt 2):F698-704

Antidiuretic and PGE2 responses to AVP and dDAVP in subjects with central and nephrogenic diabetes insipidus. Moses AM, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F354-9

Relaxation of lower esophageal sphincter and stimulation of gastric secretion and diuresis by antiasthmatic xanthines. Role of adenosine antagonism. Johannesson N, et al. **Am Rev Respir Dis** 1985 Jan;131(1):26-30

The effect of vasopressin on solute and water excretion during and after surgical operations. Fieldman NR, et al. **Ann Surg** 1985 Mar;201(3):383-90

Atrial natriuretic factor increases cyclic GMP and inhibits cyclic AMP in rat renal papillary collecting tubule cells in culture. Ishikawa S, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1147-53

Diuretic and haemodynamic effects of MK 447 in normotensive and hypertensive sheep. Humphery TJ, et al. **Clin Exp Pharmacol Physiol** 1984 Sep-Oct;11(5):483-7

Effect of acetylsalicylic acid and of indomethacin on diuresis in man: the role of cyclo-oxygenase inhibition. Vierhapper H, et al. **Clin Sci** 1984 Dec;67(6):579-83

Catecholamines increase urine formation in isolated toad (Bufo marinus) kidneys perfused at constant rate. Morris JL. **Comp Biochem Physiol** [C] 1984;79(1):219-25

Acute diuretic/natriuretic properties of felodipine in man. Edgar B, et al. **Drugs** 1985;29 Suppl 2:176-84

Haemodynamic, hormonal, and diuretic effects of felodipine in healthy normotensive volunteers. Sluiter HE, et al. **Drugs** 1985;29 Suppl 2:26-35

Kappa-opiates and urination: pharmacological evidence for an endogenous role of the kappa-opiate receptor in fluid and electrolyte balance. Huidobro-Toro JP, et al. **Eur J Pharmacol** 1984 Dec 15;107(1):1-10

A randomized comparison of metoclopramide and domperidone on plasma aldosterone concentration and on spironolactone-induced diuresis in ascitic cirrhotic patients. D'Arienzo A, et al. **Hepatology** 1985 Sep-Oct;5(5):854-7

Sodium channel blockers are vasodilator as well as natriuretic and diuretic agents. Haddy FJ, et al. **Hypertension** 1985 May-Jun;7(3 Pt 2):I121-6

Diuretic effect and duration of action of a single intravenous dose of furosemide in uremia and myocardial infarction. Farghali H, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Dec;22(12):659-64

Influence of acute diuresis on calcium balance—a comparative study of furosemide and azosemide. Ogawa K, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Aug; 22(8):401-5

Vasopressin analogs with high and specific antidiuretic activity. Zaoral M. **Int J Pept Protein Res** 1985 Jun; 25(6):561-74 (72 ref.)

Natriuretic and water diuretic effects of central alpha 2-adrenoceptor agonists. Gehr M, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 5:S781-6

Effect of nitrendipine on urine volume, osmolality, and electrolyte excretion in normal, adrenal-enucleate, and mononephrectomized rats. Hall CE, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 7:S1028-31

Importance of amino acids on vasopressin-stimulated water flow. Carvounis CP, et al. **J Clin Invest** 1985 Aug; 76(2):779-88

Kappa-opioid diuretic effects of tifluadom, a benzodiazepine opioid agonist. Leander JD. **J Pharm Pharmacol** 1984 Aug; 36(8):555-6

Ethanol diuresis in rats: possible modifying factors. Pohorecky LA. **J Pharm Pharmacol** 1985 Apr;37(4):271-3

Influence of methyldopa and bromocriptine on negative pressure breathing-induced diuresis. Montastruc P, et al. **J Pharmacol** 1984 Oct-Dec;15(4):415-20

Acute tolerance to furosemide diuresis in humans. Pharmacokinetic-pharmacodynamic modeling. Hammarlund MM, et al. **J Pharmacol Exp Ther** 1985 May; 233(2):447-53

Diuresis and suppression of vasopressin by kappa opioids: comparison with mu and delta opioids and clonidine. Leander JD, et al. **J Pharmacol Exp Ther** 1985 Aug; 234(2):463-9

In vivo binding of benzomorphans to mu, delta and kappa opioid receptors: comparison with urine output in the rat. Richards ML, et al. **J Pharmacol Exp Ther** 1985 May; 233(2):425-32

Signals from the oropharynx may contribute to the diuresis which occurs in man to drinking isotonic fluids. Gebruers EM, et al. **J Physiol (Lond)** 1985 Jun;363:21-33

Dopaminergic modulation of the renal effect of arginine-vasopressin in water-loaded rats. Koyama S, et al. **Jpn J Pharmacol** 1985 May;38(1):25-30

Pharmacokinetic studies of high-dose metoclopramide with and without forced diuresis. Ell C, et al. **Klin Wochenschr** 1985 Jun 18;63(12):572-4

Effect of a selective octapeptide analogue of somatostatin on renal water excretion in the dog. Mountokalakis T, et al. **Metabolism** 1985 May;34(5):408-9

Ethanol-induced water diuresis is not prostaglandin dependent. Zawada ET, et al. **Nephron** 1985;40(2):149-51

Effects of full and partial kappa agonists and mu agonists on urine output of normally hydrated rats. Leander JD. **Neuropeptides** 1984 Dec;5(1-3):283-6

Effects of opiates on urine output in the water-loaded rat and reversal by beta-funaltrexamine. Skingle M, et al. **Neuropeptides** 1985 Feb;5(4-6):433-6

The prostaglandin-analogue-9-deoxo-16,16-dimethyl-9-methy inhibits the antidiuretic effect of vasopressin (AVP) in the conscious sheep. Christensen NJ, et al. **Pflugers Arch** 1984 Dec;402(4):360-3

Effect of nicotine on drinking and diuresis in septal lesioned rats. Iovino M, et al. **Physiol Behav** 1985 Feb;34(2):307-9

Diuretic action of paeonol. Kawashima K, et al. **Planta Med** 1985 Jun;(3):187-9

Reduction of blood pressure and increased diuresis and natriuresis during chronic infusion of atrial natriuretic factor (ANF Arg 101-Tyr 126) in conscious one-kidney, one-clip hypertensive rats. Garcia R, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):539-45

Renal effects of aprotinin, a kallikrein inhibitor in rats in saline diuresis. Kauker ML. **Proc Soc Exp Biol Med** 1985 Feb;178(2):222-6

Diuretic effect and pharmacokinetic data observed at different stages of chronic renal failure with 240 mg of muzolimine. Baumelou A, et al. **Z Kardiol** 1985;74 Suppl 2:88-91

[Withering and diuresis with digitalis; the pioneer of rational medicine] Snellen HA. **Ned Tijdschr Geneeskd** 1985 Apr 20;129(16):750-3 (Dut)

[Wolfram's syndrome (letter)] Czernichow P. **Arch Fr Pediatr** 1984 Jun-Jul;41(6):441-2 (Fre)

[Relation between acute changes in diuresis and renal prostaglandins. II. Induced antidiuresis] Agnoli GC, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1573-9 (Eng. Abstr.) (Ita)

[Changes in renal blood flow and uropoiesis during alpha-adrenoreceptor blockade in shock] Zak VI, et al. **Anesteziol Reanimatol** 1985 Mar-Apr;(2):27-30 (Eng. Abstr.) (Rus)

[Effect of amphotericin B on the diuretic action of diacarb and various indicators of water-salt metabolism in healthy and tumor-bearing animals] Bychkov IA, et al. **Antibiotiki** 1984 Nov;29(11):837-40 (Eng. Abstr.) (Rus)

[Effect of chorionic gonadotropin on water diuresis and electrolyte excretion in rats] Mittsiev KG, et al. **Probl Endokrinol (Mosk)** 1984 Sep-Oct;30(5):63-7 (Eng. Abstr.) (Rus)

DIURETICS

Role of citrate excretion in acid-base balance in diuretic-induced alkalosis in the rat. Kaufman AM, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F796-803

Fatal thrombosis of left internal carotid artery following diuretic abuse [letter] Rubinstein I. **Ann Emerg Med** 1985 Mar;14(3):275

Acute tolerance development to the diuretic effect of furosemide in the rat. Hammarlund M, et al. **Biopharm Drug Dispos** 1985 Jan-Mar;6(1):9-21

Vasodilatory and diuretic actions of alpha-human atrial natriuretic polypeptide (alpha-hANP). Ishihara T, et al. **Life Sci** 1985 Mar 25;36(12):1205-15

Diuretic and natriuretic actions of extract prepared from rat erythrocytes. Selmeci L, et al. **Life Sci** 1985 Mar 18; 36(11):1025-31

Atrial natriuretic peptides: endogenous diuretics? Richards AM, et al. **NZ Med J** 1985 Jul 24;98(783):588-90 (38 ref.)

Indacrinone: natriuretic and uricosuric effects of various ratios of its enantiomers in healthy men. Vlasses PH, et al. **Pharmacotherapy** 1984 Sep-Oct;4(5):272-7

Diuretic action of paeonol. Kawashima K, et al. **Planta Med** 1985 Jun;(3):187-9

[Pharmacological mechanism of modern diuretics. Carbonic anhydrase inhibitors] Iino Y, et al. **Nippon Rinsho** 1984 Sep;42(9):1981-6 (25 ref.) (Jpn)

[Pharmacological mechanism of modern diuretics. Aldosterone antagonists] Kinouchi T, et al. **Nippon Rinsho** 1984 Sep;42(9):1994-2000 (46 ref.) (Jpn)

ADMINISTRATION & DOSAGE

Acute blood pressure and urinary responses to single dose combinations of captopril and diuretics in conscious spontaneously hypertensive rats. Chiu PJ, et al. **J Pharm Pharmacol** 1985 Feb;37(2):105-9

[Comparative evaluation of the effectiveness of forced intra-arterial and intravenous diuresis in acute pancreatitis] Laptev VV, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):15-2 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

Cardiac dysrhythmias in patients with acute myocardial infarction. Relation to serum potassium level and prior diuretic therapy. Dyckner T, et al. **Acta Med Scand** 1984; 216(1):127-32

Effect of diuretic therapy on ventricular arrhythmias in hypertensive patients with or without left ventricular hypertrophy. Papademetriou V, et al. **Am Heart J** 1985 Sep;110(3):595-9

Diuretic-induced hypokalemia in uncomplicated systemic hypertension [letter] Gums JG, et al. **Am J Cardiol** 1984 Oct 1;54(7):935

Diuretic-induced potassium deficits: principles, opinions, and practical therapeutics. Hollenberg NK. **Am J Med** 1984 Nov 5;77(5A):1-2

Diuretic-induced hypokalemia. Knochel JP. **Am J Med** 1984 Nov 5;77(5A):18-27

Ototoxicity: a contemporary review of aminoglycosides, loop diuretics, acetylsalicylic acid, quinine, erythromycin, and cisplatinum. Koegel L Jr. **Am J Otol** 1985 Mar;6(2):190-9

Diuretics, hypokalemia, and ventricular ectopy. The controversy continues. Atwood JE, et al. **Arch Intern Med** 1985 Jul;145(7):1185-7 (12 ref.)

Diuretic-induced gout in elderly women. Macfarlane DG, et al. **Br J Rheumatol** 1985 May;24(2):155-7

Overview of randomised trials of diuretics in pregnancy [letter] Ounsted M, et al. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1079-80

Diuretic-induced hypokalemia in hypertension [letter] **Can Med Assoc J** 1985 Aug 1;133(3):182-3

Hypertension and diabetes [letter] Meriden T. **Diabetes Care** 1985 Mar-Apr;8(2):196-7

Intracellular magnesium loss after diuretic administration. Dyckner T, et al. **Drugs** 1984 Oct;28 Suppl 1:161-6

Diuretic-induced hypokalaemia and ventricular arrhythmias. Holland OB. **Drugs** 1984 Oct;28 Suppl 1:86-92

Diuretic-induced magnesium losses. Leary WP, et al. **Drugs** 1984 Oct;28 Suppl 1:182-7

Diuretics and arrhythmias in the Medical Research Council trial. Whelton PK. **Drugs** 1984 Oct;28 Suppl 1:54-65

Cardiovascular toxicity of diuretics related to magnesium depletion. Reyes AJ, et al. **Hum Toxicol** 1984 Oct; 3(5):351-71 (108 ref.)

Does the benefit of aggressive potassium replacement in diuretic-treated patients outweigh the risk? Kassirer JP. **J Cardiovasc Pharmacol** 1984;6 Suppl 3:S488-92

Risk of cardiac arrhythmias in relation to potassium imbalance. Materson BJ, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 3:S493-7

Rapid development of gouty tophi after diuretic therapy. Wordsworth BP, et al. **J Rheumatol** 1985 Apr;12(2):376-7

Diuretics and coronary heart disease [letter] Moser M, et al. **JAMA** 1985 Feb 22;253(8):1123

Potassium supplementation ameliorates hypertension in patients with diuretic-induced hypokalemia. Kaplan NM. **Klin Wochenschr** 1985;63 Suppl 3:122-4

Hazards of combined beta-blocker/diuretic [letter] **Lancet** 1985 Jun 15;1(8442):1395

Gout and hyperuricaemia in patients on cyclosporin and diuretics [letter] Tiller DJ, et al. **Lancet** 1985 Feb 23; 1(8426):453

Hazards of beta-blocker/diuretic tablets [letter] Walters EG, et al. **Lancet** 1985 Jul 27;2(8448):220-1

Potassium supplementation in hypertensive patients with diuretic-induced hypokalemia. Kaplan NM, et al. **N Engl J Med** 1985 Mar 21;312(12):746-9

Reversible renal failure following treatment with captopril and diuretics in patients with renovascular hypertension. Hoefnagels WH, et al. **Neth J Med** 1984;27(8):269-74

Renal failure with potassium-sparing diuretics. Lynn KL, et al. **NZ Med J** 1985 Aug 14;98(784):629-33

Diuretic-induced gout: the beginnings of an epidemic? Platt PN, et al. **Practitioner** 1985 Mar;229(1401):281, 283-4

Hyponatraemia and hypothyroidism in the elderly—a case report and study. Beringer TR. **Ulster Med J** 1984; 53(2):150-4

[Diuretics and renal failure] Glasson P. **Rev Med Suisse Romande** 1984 Aug;104(8):589-91 (Fre)

[Prevention of hypokalemia in the diuretic treatment of hypertensives] Laplante L. **Union Med Can** 1985 Mar; 114(3):207-11 (Eng. Abstr.) (Fre)

[Severe diuretic-induced hyponatremia and hypokalemia in the elderly] Ben-Chetrit E, et al. **Harefuah** 1984 Jun 1; 106(11):500-2 (Eng. Abstr.) (Heb)

[Myoglobinuria secondary to hypokalemia during prolonged diuretic therapy] Rizzi D, et al. **Minerva Med** 1984 Dec 15;75(47-48):2843-6 (Eng. Abstr.) (Ita)

[Adverse effects of diuretics: hypokalemia and arrhythmia] Ikeda N, et al. **Nippon Rinsho** 1984 Sep;42(9):2080-5 (26 ref.) (Jpn)

[Adverse effect of diuretics: hyperuricosuria] Kagami T. **Nippon Rinsho** 1984 Sep;42(9):2105-10 (28 ref.) (Jpn)

[Adverse effects of diuretics: diuretics and potassium] Kitaoka T, et al. **Nippon Rinsho** 1984 Sep;42(9):2086-92 (20 ref.) (Jpn)

[Adverse effect of diuretics: hyperlipidemia] Nakamura H. **Nippon Rinsho** 1984 Sep;42(9):2093-7 (Jpn)

[Adverse effects of diuretics: insulin resistance] Toyota T, et al. **Nippon Rinsho** 1984 Sep;42(9):2098-104 (21 ref.) (Jpn)

[Various problems related to potassium supplementation during treatment of hypertension with diuretics] Wrabec K. **Pol Tyg Lek** 1984 Jun 12-25;39(25-26):895-7 (Pol)

[Changes in the ion composition of the cochlear perilymph after experimental administration of furosemide and verospiron] Arutiunien AG. **Vestn Otorinolaringol** 1985 Mar-Apr;(2):31-3 (Eng. Abstr.) (Rus)

[Factitious Bartter's syndrome induced by the surreptitious ingestion of diuretics] López Jiménez M, et al. **Med Clin (Barc)** 1985 Jan 12;84(1):23-6 (Eng. Abstr.) (Spa)

[Diuretics, magnesium deficiency, sudden death and coronary disease] Reyes AJ. **Rev Clin Esp** 1984 Sep 30;174(6):205-15 (107 ref.) (Spa)

ANALYSIS

High-performance liquid chromatographic determination of cicletanide, a new diuretic, in plasma, red blood cells, urine and saliva. Cuisinaud G, et al. **J Chromatogr** 1985 May 31;341(1):97-104

High-performance liquid chromatographic behaviour of some pharmaceutically importent thiazide, loop and potassium-sparing diuretics. De Croo F, et al. **J Chromatogr** 1985 Jun 7;325(2):395-411

Localization of immunoreactive synthetic atrial natriuretic factor (ANF) in the heart of various animal species. Chapeau C, et al. **J Histochem Cytochem** 1985 Jun;33(6):541-50

Liquid membrane phenomenon in diuretics. Bhise SB, et al. **J Pharm Sci** 1984 Nov;73(11):1579-81

ANTAGONISTS & INHIBITORS

Relative potency of prorenoate potassium and spironolactone in attenuating diuretic induced hypokalaemia. McInnes GT, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):169-74

BLOOD

Identification of a biologically active circulating form of rat atrial natriuretic factor. Thibault G, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):981-6

CHEMICAL SYNTHESIS

[(Aminomethyl)aryloxy]acetic acid esters. A new class of high-ceiling diuretics. 4. Substituted 6,7-dichloro-2,3-dihydrobenzofurans derived by ring annelation. Lee CM, et al. **J Med Chem** 1985 May;28(5):589-94

[(Aminomethyl)aryloxy]acetic acid esters. A new class of high-ceiling diuretics. 1. Effects of nitrogen and aromatic nuclear substitution. Lee CM, et al. **J Med Chem** 1984 Dec;27(12):1579-87

N2-(4-Substituted-2,6-dichlorophenyl)-N1,N1-dimethylf as antihypertensive and diuretic agents. Meyer WE, et al. **J Med Chem** 1984 Dec;27(12):1705-10

[(Aminomethyl)aryloxy]acetic acid esters. A new class of high-ceiling diuretics. 2. Modifications of the oxyacetic side chain. Plattner JJ, et al. **J Med Chem** 1984 Dec;27(12):1587-96

[(Aminomethyl)arloxy]acetic acid esters. A new class of high-ceiling diuretics. 3. Variation in the bridge between the aromatic rings to complete mapping of the receptor. Plattner JJ, et al. **J Med Chem** 1985 Jan;28(1):79-93

DIAGNOSTIC USE

[Diuretic renogram in the evaluation of uretero-vesical junction] Nonomura K, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Apr;75(4):665-71 (Eng. Abstr.) (Jpn)

HISTORY

[History of diuretics—from the days of calomel to the present] Orita Y, et al. **Nippon Rinsho** 1984 Sep;42(9):1975-80 (Eng. Abstr.) (Jpn)

METABOLISM

Pharmacodynamics and kinetics of etozolin/ozolinone in hypertensive patients with normal and impaired kidney function. Knauf H, et al. **Eur J Clin Pharmacol** 1984;26(6):687-93

Specific binding sites for atrial natriuretic factor in the human kidney [letter] Mantyh CR, et al. **N Engl J Med** 1985 Jun 27;312(26):1710

Stereo-specificity of diuretic receptors in the nephron: a study of the enantiomers of indacrinone (MK-196) in man. Brooks BA, et al. **Renal Physiol** 1984;7(5):304-10

PHARMACODYNAMICS

Effects of standard diuretics and ortho-vanadate on sodium transport across isolated frog skin. Eriksson O. **Acta Physiol Scand** 1984 Nov;122(3):249-60

Site and mechanism of action of diuretics. Kokko JP. **Am J Med** 1984 Nov 5;77(5A):11-7

Atriopeptin stimulation of rectal gland function in Squalus acanthias. Solomon R, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):R348-54

Atriopeptins: correlation between renal vasodilation and natriuresis. Wakitani K, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F49-53

The diuretic properties of dopamine in patients after open-heart operation. Hilberman M, et al. **Anesthesiology** 1984 Nov;61(5):489-94

Effect of three loop diuretics and prostaglandins E2 & I2 on the isolated perfused rat mesenteric vasculature. Foy JM, et al. **Arch Int Pharmacodyn Ther** 1985 Feb;273(2):237-50

The effect of cicletanide, a diuretic, on the platelet vessel wall interaction; its involvement in the arachidonic acid cascade. Bourgain RH, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3917-8

Coupling of a loop diuretic-sensitive Na+ influx with the net loop diuretic-sensitive K+ efflux in mouse NIH 3T3 cells. Panet R, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):278-82

Calcium channel blockers—are they diuretics? Young MA, et al. **Br J Clin Pharmacol** 1985;20 Suppl 1:95S-98S

Inhibition of aldosterone biosynthesis by atriopeptins in rat adrenal cells. Campbell WB, et al. **Circ Res** 1985 Jul;57(1):113-8

Diuretics. Clinical pharmacology and therapeutic use (Part I). Lant A. **Drugs** 1985 Jan;29(1):57-87 (258 ref.)

Effects of diuretics on the renal handling of magnesium. Ryan MP, et al. **Drugs** 1984 Oct;28 Suppl 1:167-81 (58 ref.)

Interactions of NSAIDs with diuretics and beta-blockers mechanisms and clinical implications. Webster J. **Drugs** 1985 Jul;30(1):32-41 (71 ref.)

Effects of atriopeptins I, II and III on atrial contractility, sinus nodal rate (guinea pig) and agonist-induced tension in rabbit aortic strips. Bergey JL, et al. **Eur J Pharmacol** 1985 Apr 2;110(2):277-81

Effects of a synthetic human atrial natriuretic polypeptide on regional blood flow in rats. Fujioka S, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):301-4

Adrenergic hyposensitivity during long-term diuretic therapy—a possible explanation for the antihypertensive effect of diuretics? Middeke M, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):401-3

Diuretics. Priebe HJ. **Int Anesthesiol Clin** 1984 Spring;22(1):137-56 (61 ref.)

Clinical pharmacology of loop diuretics: a comparative study. Ansuini R, et al. **Int J Clin Pharmacol Res** 1985;5(2):113-21

The impact of diuretics on potassium and glucose. Sowers JR. **J Cardiovasc Pharmacol** 1984;6 Suppl 3:S477-82

When does atrial natriuretic peptide block aldosterone secretion? [letter] Jungmann E, et al. **Lancet** 1985 May 11;1(8437):1101

Dopamine receptor antagonists inhibit the natriuretic response to atrial natriuretic factor (ANF). Marin-Grez M, et al. **Life Sci** 1985 Jun 3;36(22):2171-6

Displacement of 3H-EKC binding by opioids in rat kidney: a correlate to diuretic activity. Slizgi GR, et al. **Life Sci** 1985 Jun 10;36(23):2189-93

Mode of action of conventional and potassium-sparing diuretics—aspects with relevance to Mg-sparing effects. Review of the present state of the art and recent findings. Heidenreich O. **Magnesium** 1984;3(4-6):248-56

Potassium deficiency and cardiac function: experimental and clinical aspects. Lüderitz B. **Magnesium** 1984;3(4-6):289-300

Influence of diuretic-induced dehydration on competitive running performance. Armstrong LE, et al. **Med Sci Sports Exerc** 1985 Aug;17(4):456-61

Renal effects of human alpha-atrial natriuretic polypeptide [letter] Kuribayashi T, et al. **N Engl J Med** 1985 May 30;312(22):1456-7

Antihypertensive and biochemical effects of indacrinone enantiomers. Jain AK, et al. **Pharmacotherapy** 1984 Sep-Oct;4(5):278-83

Renal excretory function after renal denervation and administration of diuretics to unanaesthetized dogs evaluated by a mathematical model for describing the dynamics of the excretory process. Girchev RA, et al. **Physiol Bohemoslov** 1985;34(2):137-45

Influence of muzolimine and other diuretics on human red cell Na+, K+-cotransport. Knorr A, et al. **Z Kardiol** 1985;74 Suppl 2:175-8

[Diuretic, antihyperazotemic and antiexudative activity of fresh and stored nephroton] Lambev I. **Eksp Med Morfol** 1984;23(4):210-5 (Eng. Abstr.) (Bul)

[Atripeptins] Tang J. **Sheng Li Ko Hsueh Chin Chan** 1984 Jul;15(3):245-6 (Chi)

[Water diuretics] Ishikawa S. **Nippon Rinsho** 1984 Sep;42(9):2118-23 (30 ref.) (Jpn)

[Antihypertensive diuretic agents] Kato S, et al. **Nippon Rinsho** 1985 May;43(5):983-8 (Jpn)

[Pharmacological mechanism of modern diuretics. Action mechanisms of hypotensive diuretics. 2). Hemodynamic effect] Kikawada R, et al. **Nippon Rinsho** 1984 Sep;42(9):2021-7 (16 ref.) (Jpn)

[Pharmacological mechanism of modern diuretics. Role of prostaglandins, kallikrein and kinins] Omata K, et al. **Nippon Rinsho** 1984 Sep;42(9):2001-8 (42 ref.) (Jpn)

[Volume control within a single cell and effects of diuretics] Sakai T. **Nippon Rinsho** 1984 Sep;42(9):2028-33 (30 ref.) (Jpn)

[Pharmacological mechanism of modern diuretics. Mechanism of hypotensive diuretics. 1). Effects on the myocardium and smooth muscles] Saruta T, et al. **Nippon Rinsho** 1984 Sep;42(9):2016-20 (13 ref.) (Jpn)

[Electrolytes transport by the gallbladder and diuretics] Suzuki K, et al. **Nippon Rinsho** 1984 Sep;42(9):2039-45 (39 ref.) (Jpn)

[Intestinal ion transport and diuretics] Suzuki Y. **Nippon Rinsho** 1984 Sep;42(9):2034-8 (23 ref.) (Jpn)

[Effect of amphotericin B on the diuretic action of diacarb and various indicators of water-salt metabolism in healthy and tumor-bearing animals] Bychkov IA, et al. **Antibiotiki** 1984 Nov;29(11):837-40 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

Veterans Administration cooperative study on nadolol as monotherapy and in combination with a diuretic. Freis ED. **Am Heart J** 1984 Oct;108(4 Pt 2):1087-91

The effect of diuretics on systemic and renal hemodynamics in patients with renal insufficiency. Kaufman AM, et al. **Am J Kidney Dis** 1985 Apr;5(4):A71-8 (30 ref.)

The role of diuretics in the treatment of hypertension. Gifford RW Jr. **Am J Med** 1984 Oct 5;77(4A):102-6

Comparison of the effects of diuretic therapy and low sodium intake in isolated systolic hypertension. Niarchos AP, et al. **Am J Med** 1984 Dec;77(6):1061-8

The role of diuretics and inotropic therapy in failure associated with myocardial infarction. Roberts R. **Arch Int Physiol Biochim** 1984 Nov;92(4):S33-48 (55 ref.)

Effect of diuretics on cardiopulmonary performance in severe chronic airflow obstruction. A controlled clinical trial. Mathur PN, et al. **Arch Intern Med** 1984 Nov;144(11):2154-7

Overview of randomised trials of diuretics in pregnancy [letter] **Br Med J [Clin Res]** 1985 Mar 9;290(6470):788-9

Overview of randomised trials of diuretics in pregnancy. Collins R, et al. **Br Med J [Clin Res]** 1985 Jan 5;290(6461):17-23

Algorithm for modified alkaline diuresis in salicylate poisoning. Gordon IJ, et al. **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1039-40

Algorithm for modified alkaline diuresis in salicylate poisoning [letter] Vale JA, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):155

Potassium-sparing diuretics—when are they really needed. **Drug Ther Bull** 1985 Mar 11;23(5):17-20

Long term experience of felodipine in combination with beta-blockade and diuretics in refractory hypertension. Colliste P, et al. **Drugs** 1985;29 Suppl 2:124-30

Diuretics. Clinical pharmacology and therapeutic use (Part II). Lant A. **Drugs** 1985 Feb;29(2):162-88 (273 ref.)

Diuresis, dialysis, and hemoperfusion. Indications and benefits. Pond SM. **Emerg Med Clin North Am** 1984 Feb;2(1):29-45

Diuretic update. Williamson HE. **Iowa Med** 1985 Aug;75(8):364-6, 368

Coronary heart disease and the treatment of hypertension: impact of diuretics on serum lipids and glucose. Ames RP. **J Cardiovasc Pharmacol** 1984;6 Suppl 3:S466-73

Antihypertensive treatment using calcium antagonists in combination with captopril rather than diuretics. Brouwer RM, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S88-91

The impact on serum lipids of combinations of diuretics and beta-blockers and of beta-blockers alone. Helgeland A. **J Cardiovasc Pharmacol** 1984;6 Suppl 3:S474-6

Step-one antihypertensive therapy: a comparison of a centrally acting agent and a diuretic. McCarron DA. **J Cardiovasc Pharmacol** 1984;6 Suppl 5:S853-8

The relationship of weight change to changes in blood pressure, serum uric acid, cholesterol and glucose in the treatment of hypertension. Heyden S, et al. **J Chronic Dis** 1985;38(4):281-8

Acute and chronic hemodynamic effects of the basic therapeutic regimen for congestive heart failure. Diuretics, low salt diet and bed rest. Nishijima H, et al. **Jpn Heart J** 1984 Jul;25(4):571-85

A classification of essential hypertensive patients according to the erythrocyte Na transport abnormalities: an application for monitoring the antihypertensive response to cicletanide. Garay R, et al. **Klin Wochenschr** 1985;63 Suppl 3:30-2

Paracentesis versus diuretics in the treatment of cirrhotics with tense ascites. Quintero E, et al. **Lancet** 1985 Mar 16;1(8429):611-2

Influence of digoxin and diuretic therapy on sweat fluid composition. Mor A, et al. **Miner Electrolyte Metab** 1985;11(3):155-7

New trends in diuretic therapy. 3rd International Edrul Symposium. **Z Kardiol** 1985;74 Suppl 2:1-193

Prevention of acute renal failure by diuretics. Satta A, et al. **Z Kardiol** 1985;74 Suppl 2:179-85

Diuretics in cardiovascular therapy. Perusing the past, practising in the present, preparing for the future. Taylor SH. **Z Kardiol** 1985;74 Suppl 2:2-12 (27 ref.)

[Usage of beta receptor blockaders and diuretics in combination in the treatment of hypertension] Ibsen H. **Ugeskr Laeger** 1985 Mar 18;147(12):1047-9 (Dan)

[Preoperative detumescence of the vitreous] Urrets-Zavalía A. **Bull Mem Soc Fr Ophtalmol** 1985;96:347-9 (Fre)

[Effect of different saluretics on carbohydrate metabolism and blood pressure behavior in diabetics] Rameš I, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(2):89-94 (Eng. Abstr.) (Ger)

[Therapy of dilated cardiomyopathy with digitalis, diuretics and vasodilators] Liebau G. **Herz** 1985 Jun;10(3):138-42 (Eng. Abstr.) (Ger)

[Current aspects of diuretic use] Triebe G. **Z Arztl Fortbild (Jena)** 1984;78(23):977-83 (Ger)

[Which should be the first choice in the treatment of congestive heart failure, diuretics or digitalis?] Sato T. **Kokyu To Junkan** 1985 Mar;33(3):247–51 (24 ref.) (Jpn)

[Clinical application of diuretics: congestive heart failure and nephrotic syndrome] Hirata Y, et al. **Nippon Rinsho** 1984 Sep;42(9):2046–50 (22 ref.) (Jpn)

[Clinical application of diuretics: ascites] Kato E, et al. **Nippon Rinsho** 1984 Sep;42(9):2051–6 (8 ref.) (Jpn)

[Mild hypertension and the role of diuretics] Kojima S, et al. **Nippon Rinsho** 1984 Sep;42(9):2111–7 (16 ref.) (Jpn)

[Efficacy and safety of captopril in low doses, alone or combined with diuretics, in the treatment of mild or moderate arterial hypertension] Dias GC. **Arq Bras Cardiol** 1984 Aug;43(2):135–7 (Eng. Abstr.) (Por)

[Effect of diuretics on the humoral system of kidney prostaglandins in hypertension patients] Nekrasova AA, et al. **Kardiologiia** 1984 Sep;24(9):98–104 (Eng. Abstr.) (Rus)

[Pharmacological regulation of the exocrine function of the pancreas] Frol'kis AV. **Klin Med (Mosk)** 1984 Oct;62(10):23–9 (Rus)

[Effect of osmotic diuretics and saluretics on intracranial pressure in posttraumatic brain edema] Vasin NIa, et al. **Zh Vopr Neirokhir** 1984 Nov–Dec;(6):21–8 (Eng. Abstr.) (Rus)

[Acute antihypertensive and diuretic effects of Metipamide VUFB] Fedelešová V, et al. **Vnitr Lek** 1985 Jan;31(1):55–9 (Eng. Abstr.) (Slo)

[Prazosin in 31 patients with primary arterial hypertension] Armijo G, et al. **Rev Med Chil** 1984 Sep;112(9):893–7 (Eng. Abstr.) (Spa)

TOXICITY

Inhibition of purified rat liver glutathione S-transferase isozymes by diuretic drugs. Ahokas JT, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2157–61

An in vitro test for photoinduced toxicity of benzothiadiazine diuretics using bacteriophage lambda. Fujita H, et al. **Photochem Photobiol** 1985 Mar;41(3):355–9

URINE

[Simultaneous detection methods for abused diuretics in urine and a quantitative determination method for trichlormethiazide in urine] Uchino K, et al. **Yakugaku Zasshi** 1984 Oct;104(10):1101–7 (Eng. Abstr.) (Jpn)

DIURETICS, OSMOTIC

PHARMACODYNAMICS

Osmotic activity of dimethyl sulfoxide in the renal distal tubule. Ellison DH, et al. **Kidney Int** 1984 Oct;26(4):471–5

DIURETICS, SULFAMYL

Age-dependent changes in susceptibility to ototoxic hearing loss. Prieve BA, et al. **Acta Otolaryngol (Stockh)** 1984 Nov–Dec;98(5–6):428–38

Piretanide: a loop-active diuretic. Pharmacology, therapeutic efficacy and adverse effects. Marsh JD, et al. **Pharmacotherapy** 1984 Jul–Aug;4(4):170–80 (50 ref.)

ADMINISTRATION & DOSAGE

Xipamide: no advantage over bendrofluazide in hypertension. Ramsay LE, et al. **Br J Clin Pharmacol** 1984 Oct;18(4):616–8

Effects on upper gastrointestinal mucosa of three delivery systems of potassium as supplement to frusemide administration. McLoughlin JC. **J R Soc Med** 1985 Jun;78(6):459–62

The efficacy of indapamide in hypertensive patients failing to respond to a beta-blocker alone. O'Boyle CP, et al. **Methods Find Exp Clin Pharmacol** 1984 Aug;6(8):465–9

Efficacy of metolazone and furosemide in children with furosemide-resistant edema. Arnold WC. **Pediatrics** 1984 Nov;74(5):872–5

ADVERSE EFFECTS

Hyperosmolar non-ketotic diabetes mellitus associated with metolazone. Rowe PA, et al. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):25–6

Effects of acebutolol combined with mefruside on total-body and serum potassium in essential hypertensive patients. Schulte KL, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Aug;22(8):438–40

[Severe hypokalemic episode induced by abuse of fluoro-prednisolone acetate administered nasally and the simultaneous oral consumption of indapamide] Di Giacomo V, et al. **Clin Ter** 1985 Jan 31;112(2):163–7 (Eng. Abstr.) (Ita)

[Normokaliuretic hypokalemia during indapamide treatment of hypertension] Nardoni A, et al. **Clin Ter** 1984 Jul 15;110(1):45–9 (Eng. Abstr.) (Ita)

BLOOD

Single-dose pharmacokinetics of fenquizone in healthy volunteers. Maggi GC, et al. **Arzneimittelforschung** 1985;35(6):994–8

METABOLISM

Bumetanide kinetics in renal failure. Pentikäinen PJ, et al. **Clin Pharmacol Ther** 1985 May;37(5):582–8

Pharmacokinetics of high doses of piretanide in moderate to severe renal failure. Marone C, et al. **Eur J Clin Pharmacol** 1984;27(5):589–93

Pharmacokinetics of bumetanide following intravenous, intramuscular, and oral administrations to normal subjects. Holazo AA, et al. **J Pharm Sci** 1984 Aug;73(8):1108–13

Bumetanide and furosemide in heart failure. Brater DC, et al. **Kidney Int** 1984 Aug;26(2):183–9

[Disposition of azosemide. I. Distribution, metabolism and excretion following intravenous administration to rats] Asano T, et al. **Yakugaku Zasshi** 1984 Nov;104(11):1181–90 (Eng. Abstr.) (Jpn)

PHARMACODYNAMICS

An effect of piretanide upon the intracellular cation contents of cells subjected to partial chronic (Na–K) pump blockade by ouabain. Aiton JF, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3425–31

Basic characterization of an ouabain-resistant, bumetanide-sensitive K+ carrier-mediated transport system in J774.2 mouse macrophage-like cell line and in variants deficient in adenylate cyclase and cAMP-dependent protein kinase activities. Bourrit A, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):85–94

Loop diuretics may fail to inhibit (Na+, K+, Cl-) 'cotransport' in human red cells. Chipperfield AR. **Biosci Rep** 1985 Apr;5(4):299–302

The magnesiuric effects of several single doses of xipamide in healthy adults. Reyes AJ, et al. **Braz J Med Biol Res** 1984;17(3–4):285–91

Modifications evoked by piretanide in the mechanical activity of cardiovascular tissues. Lacuara JL, et al. **Can J Physiol Pharmacol** 1985 Apr;63(4):283–6

The effects of piretanide on catecholamine metabolism, plasma renin activity and plasma aldosterone: a double-blind study versus furosemide in healthy volunteers. Verho M, et al. **Curr Med Res Opin** 1985;9(7):461–74

Indapamide. A review of its pharmacodynamic properties and therapeutic efficacy in hypertension. Chaffman M, et al. **Drugs** 1984 Sep;28(3):189–235

Bumetanide. A review of its pharmacodynamic and pharmacokinetic properties and therapeutic use. Ward A, et al. **Drugs** 1984 Nov;28(5):426–64 (214 ref.)

Effects of a new diuretic piretanide on glucose tolerance, insulin secretion and 125I-insulin binding. Harno K, et al. **Eur J Clin Pharmacol** 1985;27(6):697–700

A comparative study on possible calcium antagonistic properties of indapamide and other drugs potentially interfering with calcium transport in isolated vascular smooth muscle. De Wildt DJ, et al. **Eur J Pharmacol** 1984 Jul 20;102(3–4):401–10

Influence of acute diuresis on calcium balance—a comparative study of furosemide and azosemide. Ogawa K, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Aug;22(8):401–5

Systemic and pulmonary hemodynamic effects of indapamide in patients with mild arterial hypertension. Magrini F, et al. **J Cardiovasc Pharmacol** 1985 Mar–Apr;7(2):281–5

Stimulation of bumetanide-sensitive K+ transport in Swiss 3T3 fibroblasts by serum and mitogenic hormones. Amsler K, et al. **J Cell Physiol** 1985 May;123(2):257–63

Combined effect of bumetanide and metolazone in normal volunteers. Greenberg A, et al. **J Clin Pharmacol** 1985 Jul–Aug;25(5):369–73

Measurement and stoichiometry of bumetanide-sensitive (2Na:1K:3Cl) cotransport in ferret red cells. Hall AC, et al. **J Membr Biol** 1985;85(3):205–13

Mechanisms of the synergistic combination of metolazone and bumetanide. Brater DC, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):70–4

Racial differences in bumetanide-sensitive cotransport and N-ethylmaleimide-stimulated potassium efflux. Weder AB, et al. **Life Sci** 1985 May 13;36(19):1813–8

Effects of a thiazide diuretic (hydroflumethiazide) and a loop diuretic (bumetanide) on the endocrine pancreas: studies in vitro. Hermansen K, et al. **Metabolism** 1985 Aug;34(8):784–9

The influence of indapamide on serum lipoproteins in essential hypertension. Meyer-Sabellek W, et al. **Methods Find Exp Clin Pharmacol** 1984 Aug;6(8):471–4

Effects of piretanide on potassium balance in hypertension. Meyer BH, et al. **S Afr Med J** 1985 Feb 9;67(6):206–8

[Plasma kinetics of digoxin in the presence of piretanide (letter)] Singlas E, et al. **Therapie** 1985 Jul–Aug;40(4):265–6 (Fre)

THERAPEUTIC USE

Effect of indapamide on the renin-aldosterone system, and urinary excretion of potassium and calcium in essential hypertension. Danielsen H, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):229–31

Indapamide, a new antihypertensive/diuretic agent, in the treatment of patients with edema. Eff J, et al. **Clin Ther** 1984;6(6):778–86

The efficacy and tolerance of indapamide in essential hypertension: a multi-centre study in 981 patients. Abbou CB. **Curr Med Res Opin** 1985;9(7):494–9

Piretanide. A preliminary review of its pharmacodynamic and pharmacokinetic properties, and therapeutic efficacy. Clissold SP, et al. **Drugs** 1985 Jun;29(6):489–530 (126 ref.)

Nadolol in combination with indapamide and xipamide in resistant hypertensives. Dean S, et al. **Eur J Clin Pharmacol** 1985;28(1):29–33

Once daily indapamide in the treatment of the elderly and young hypertensive. Rowlands DB, et al. **Eur J Clin Pharmacol** 1984;27(4):397–405

Piretanide, a potassium stable diuretic, in the treatment of essential hypertension. Verho M, et al. **Eur J Clin Pharmacol** 1984;27(4):407–14

Haemodynamic changes in peripheral arterial circulation during antihypertensive treatment with captopril, methyldopa and indapamide. Ferrara LA, et al. **Int J Clin Pharmacol Res** 1984;4(5):389–93

A randomized double-blind clinical trial of xipamide and hydrochlorothiazide in essential hypertension. Kumar S, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Oct;22(10):549–51

A comparative randomized double-blind clinical trial of bumetanide and furosemide in congestive cardiac failure and other edema states. Sagar S, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Sep;22(9):473–8

Intracellular electrolytes during antihypertensive treatment with a loop diuretic. Zidek W, et al. **J Hypertens** 1984 Aug;2(4):393–5

Piretanide, a potassium stable diuretic, in the treatment of essential hypertension: a double-blind comparison of two formulations. Dols W, et al. **J Int Med Res** 1985;13(1):31–9

A study of two diuretic/potassium combinations in heart failure. Hussain M, et al. **Postgrad Med J** 1985 Jan;61(711):29–33

Clinical evaluation of muzolimine and indapamide during treatment for essential hypertension. Kirsten R, et al. **Z Kardiol** 1985;74 Suppl 2:66–72

[Diuretics and antihypertensive agents in chronic kidney insufficiency: comparison of the effects of metolazone and furosemide] Groth H, et al. **Schweiz Med Wochenschr** 1985 Jan 12;115(2):41–5 (Eng. Abstr.) (Ger)

[Clinical evaluation of metolazone in edematogenic syndromes] Arosio E, et al. **Clin Ter** 1984 Dec 15;111(5):435–42 (Eng. Abstr.) (Ita)

[Evaluation of the hypotensive efficacy in a double-blind study of xipamide versus chlorthalidone] Consoli G, et al. **Clin Ter** 1985 Jun 15;113(5):379–83 (Eng. Abstr.) (Ita)

[A new guanabenz-mefruside drug in the treatment of arterial hypertension] Buemi M, et al. **Minerva Cardioangiol** 1985 Jan–Feb;33(1–2):73–80 (Eng. Abstr.) (Ita)

[Xipamide in the treatment of mild to moderate systemic arterial hypertension] Ramos NB, et al. **Arq Bras Cardiol** 1984 Jul;43(1):71–5 (Eng. Abstr.) (Por)

[Usefulness of xipamide alone or associated with a beta blocker in the treatment of idiopathic arterial hypertension] Miranda B, et al. **Med Clin (Barc)** 1984 Nov 17;83(16):668–70 (Eng. Abstr.) (Spa)

[Effect of a loop diuretic, piretanide, in severe cardiac insufficiency] Doglio GR, et al. **Medicina (B Aires)** 1984;44(1):53–8 (Eng. Abstr.) (Spa)

TOXICITY

[Effect of diuretic, azosemide (SK-110), in combination with antibiotic, cephaloridine, on kidney] Asaeda N, et al. **J Toxicol Sci** 1984 Jun;9 Suppl 1:73–88 (Eng. Abstr.) (Jpn)

[Effect of azosemide (SK-110) and its metabolites on mouse liver] Asaeda N, et al. **J Toxicol Sci** 1984 Jun;9 Suppl 1:89–108 (Eng. Abstr.) (Jpn)

DIURETICS, THIAZIDE

[Stability of hydrochlorothiazide and cyclopenthiazide in various drug forms. 1. Stability of hydrochlorothiazide and cyclopenthiazide] Hennig B, et al. **Pharmazie** 1984 Nov;39(11):779–80 (Ger)

ADMINISTRATION & DOSAGE

Thiazides and thiazide-like diuretics in hypertension [letter] Houston MC. **Ann Intern Med** 1985 Aug;103(2):303

ADVERSE EFFECTS

Systemic hypertension, diuretic drugs, arrhythmias and death. Whelton PK. **Am J Cardiol** 1985 Jan 1;55(1):221–2

Depression after treatment with thiazide diuretics for hypertension. Okada F. **Am J Psychiatry** 1985 Sep;142(9):1101–2

Thiazide-induced hypokalaemia; prevalence higher in women. Toner JM, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):449–52

Acute cholecystitis and thiazides. Van der Linden W, et al. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):654–5

Beta blockers, blood sugars, and thiazides [letter] **Lancet** 1985 Mar 2;1(8427):515–6

[Adverse effects of antihypertensive agents, with special reference to increased risk factors] Fujii J. **Nippon Rinsho** 1985 May;43(5):1012–7 (29 ref.) (Jpn)

[Diuretics. An etiological factor in non-insulin dependent diabetes mellitus?] Tryggeseth A. **Tidsskr Nor Laegeforen** 1984 Oct 10;104(28):1956–8 (Eng. Abstr.) (Nor)

[Case of secondary podagra associated with long-term administration of diuretics] Ermolenko VM, et al. Klin Med (Mosk) 1985 Feb;63(2):128–9 (Rus)

[Side effects of treatment of arterial hypertension with hypothiazide] Glezer GA, et al. Klin Med (Mosk) 1985 Feb;63(2):69–73 (Eng. Abstr.) (Rus)

ANALYSIS

Enantiomers of benzothiadiazine diuretics by direct chromatographic resolution of the racemic drugs. Blaschke G, et al. J Pharm Sci 1985 Apr;74(4):438–42

DIAGNOSTIC USE

[Contribution of thiazides to the study of idiopathic hypercalciuria] Bello I, et al. Actas Urol Esp 1984 Nov–Dec;8(6):451–4 (Eng. Abstr.) (Spa)

IMMUNOLOGY

Ex vivo antigen preparation for the serological detection of drug-dependent antibodies in immune haemolytic anaemias. Salama A, et al. Br J Haematol 1984 Nov;58(3):525–31

PHARMACODYNAMICS

Diuretics and calcium metabolism. Sutton RA. Am J Kidney Dis 1985 Jan;5(1):4–9 (55 ref.)

Effects of diuretics on plasma volume in pregnancies with long-term hypertension. Sibai BM, et al. Am J Obstet Gynecol 1984 Dec 1;150(7):831–5

[Pharmacological mechanism of modern diuretics. Thiazide and loop diuretics] Ando R, et al. Nippon Rinsho 1984 Sep;42(9):1987–93 (Jpn)

[Pharmacological mechanism of modern diuretics. Diuretics and calcium transport] Torikai S, et al. Nippon Rinsho 1984 Sep;42(9):2009–15 (30 ref.) (Jpn)

[Decreased renal excretory capacity of uric acid in rats fed a low sodium diet under consecutive administration of thiazide diuretics] Iwaki K, et al. Nippon Yakurigaku Zasshi 1985 Mar;85(3):119–27 (Eng. Abstr.) (Jpn)

[Effect of furosemide, hypothiazide and urea on the physicochemical properties of blood serum proteins in rats] Strelianaia EI, et al. Farmakol Toksikol 1985 Mar–Apr;48(2):86–9 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

Correction of hypocitraturia and prevention of stone formation by combined thiazide and potassium citrate therapy in thiazide-unresponsive hypercalciuric nephrolithiasis. Pak CY, et al. Am J Med 1985 Sep;79(3):284–8

Thiazide diuretics and bone mineral content in postmenopausal women. Adland-Davenport P, et al. Am J Obstet Gynecol 1985 Jul 15;152(6 Pt 1):630–4

Diuretic update. Williamson HE. Iowa Med 1985 Aug;75(8):364–6, 368

Clinical effects of low-dose captopril plus a thiazide diuretic on mild to moderate essential hypertension: a multicenter double-blind comparison with propranolol. Captopril Research Group of Japan. J Cardiovasc Pharmacol 1985;7 Suppl 1:S77–81

Thiazides for patients with recurrent calcium stones: still an open question. Churchill DN, et al. J Urol 1985 May;133(5):749–51

Diuretics and pregnancy. Lindberg BS. Scand J Clin Lab Invest [Suppl] 1984;169:83–5

[Urinary excretion of prostaglandins and changes in plasma renin levels in patients with rheumatoid arthritis associated with cardiac decompensation treated with thiazides] Svendsen UG, et al. Ugeskr Laeger 1985 Feb 11;147(7):612–4 (Eng. Abstr.) (Dan)

[Comparative variations in natriuresis and urinary calcium in patients with hypercalciuric lithiasis treated with thiazide diuretics] Jungers P, et al. Nephrologie 1984;5(5):202–4 (Eng. Abstr.) (Fre)

[Comparative study of 2 diuretic-containing combination preparations in patients with edematous heart failure] Mauerberger H, et al. Wien Med Wochenschr 1985 Apr 30;135(8):205–13 (Eng. Abstr.) (Ger)

[Combination of thiazide diuretics and prostaglandins inhibitors in the treatment of nephrogenic diabetes insipidus] Pichetti D, et al. Clin Ter 1985 May 31;113(4):281–7 (Eng. Abstr.) (Ita)

[A study on the effect of the treatment for idiopathic calcium urolithiasis on the prevention of recurrences. Estimation of stone episodes and clinical effects] Oka T, et al. Nippon Hinyokika Gakkai Zasshi 1985 Jan;76(1):65–73 (Eng. Abstr.) (Jpn)

[Clinical application of diuretics: hypercalcemia and hypercalciuria] Matsunaga H, et al. Nippon Rinsho 1984 Sep;42(9):2073–9 (17 ref.) (Jpn)

[Clinical application of diuretics: renal calculi] Yazaki T, et al. Nippon Rinsho 1984 Sep;42(9):2069–72 (23 ref.) (Jpn)

[Effect of diuretics on the development of experimental inflammatory edema in rats] Zverev IaF, et al. Farmakol Toksikol 1984 Jul–Aug;47(4):86–8 (Eng. Abstr.) (Rus)

DIURNAL RHYTHM see under CIRCADIAN RHYTHM

DIURON

METABOLISM

[Hygienic evaluation of translocation of the herbicides diuron and monuron] Voloshina LT. Gig Sanit 1984 Jul;(7):75 (Rus)

TOXICITY

[Embryotoxic effect of diuron in animal experiments] Talakin IuN, et al. Gig Sanit 1984 Aug;(8):83–5 (Rus)

DIVERTICULITIS

COMPLICATIONS

[Acute interstitial nephritis and Meckel's diverticulum] Noël C, et al. Ann Med Interne (Paris) 1984;135(6):456–9 (Eng. Abstr.) (Fre)

[Jejunal diverticulitis, a rare cause of acute abdomen] Schnyder S, et al. Helv Chir Acta 1985 Apr;52(1):159–61 (Eng. Abstr.) (Ger)

[Case of jejunal diverticulosis complicated by diverticulitis] Sokolov AV, et al. Klin Med (Mosk) 1984 Oct;62(10):128–9 (Rus)

DIAGNOSIS

Diverticulitis of caecum and ascending colon in Singapore. Tan EC, et al. J R Coll Surg Edinb 1984 Nov;29(6):373–6

[Acute diverticulitis in the cecum and ascending colon] Møller P, et al. Ugeskr Laeger 1984 Dec 31;147(1):29–30 (Eng. Abstr.) (Dan)

[Incidence and clinical aspects of Meckel's diverticulum and its complications] Bassi O, et al. Chir Ital 1982 Oct;34(5):800–3 (Eng. Abstr.) (Ita)

ETIOLOGY

[Complications of Meckel's diverticulum in adults] Plachta H, et al. Wiad Lek 1985 Mar 1;38(5):337–42 (Eng. Abstr.) (Pol)

PATHOLOGY

[Ulcer perforation in Meckel's diverticulum] Büchler M, et al. Leber Magen Darm 1984 Jul;14(4):185–7 (Eng. Abstr.) (Ger)

RADIOGRAPHY

Computed tomography in the evaluation of diverticulitis [letter] Hall FM. Radiology 1985 Mar;154(3):835–6

DIVERTICULITIS, COLONIC

Diverticular disease of colon in China. A 60-year retrospective study. Pan GZ, et al. Chin Med J [Engl] 1984 Jun;97(6):391–4

COMPLICATIONS

Unusual extraperitoneal presentations of diverticulitis. Ravo B, et al. Am J Gastroenterol 1985 May;80(5):346–51

Pneumopylephlebitis and intramesocolic diverticular perforation. Jensen JA, et al. Am J Surg 1985 Aug;150(2):284–7

Ureterocolic fistula. Heney NM, et al. Br J Urol 1984 Apr;56(2):225–6

Sigmoid-appendiceal fistula in diverticular disease. Libson E, et al. Diagn Imag Clin Med 1984;53(5):262–4

Colouterine fistula secondary to diverticulitis. Chaikof EL, et al. Dis Colon Rectum 1985 May;28(5):358–60

Gangrene of male external genitalia in a patient with colorectal disease. Anatomic pathways of spread. Khan SA, et al. Dis Colon Rectum 1985 Jul;28(7):519–22

Polypoid lesions associated with diverticular disease of the sigmoid colon. Franzin G, et al. Gastrointest Endosc 1985 Jun;31(3):196–9

Malignant fibrous histiocytoma associated with diverticulitis of the colon. Adams HW. J Miss State Med Assoc 1984 Aug;25(8):205–6

Studies on complications of diverticular disease of the colon. Kubo A, et al. Jpn J Med 1985 Feb;24(1):39–43

A case of 'malignant' diverticulitis associated with tuberculous colitis. McLaren CA. Scott Med J 1984 Apr;29(2):112–3

Conservative treatment of selected patients with colovesical fistula due to diverticulitis. Amin M, et al. Surg Gynecol Obstet 1984 Nov;159(5):442–4

[Colonic diverticulitis with retroperitoneal perforation] Raskov HH, et al. Ugeskr Laeger 1984 Nov 19;146(47):3659 (Eng. Abstr.) (Dan)

[Generalized peritonitis caused by perforation of diverticular sigmoiditis] Langlois P, et al. Chirurgie 1984;110(10):829–30 (Fre)

[Acute generalized peritonitis caused by diverticular sigmoiditis] Loygue J, et al. Chirurgie 1984;110(8–9):788–9 (Fre)

[Peritonitis of colonic origin caused by diverticular perforation. Analysis of 33 cases] Richelme H, et al. Chirurgie 1984;110(10):831–3 (Fre)

[Peritonitis caused by sigmoid diverticular perforation] Rousseau B, et al. Chirurgie 1984;110(10):838–9 (Fre)

[Generalized peritonitis caused by perforation of a sigmoid diverticulitis. Retrospective study of 37 cases] Stoppa R, et al. Chirurgie 1984;110(6–7):668–9 (Fre)

[Diverticular disease and colo-rectal carcinoma. Pathogenetic and clinical considerations based on personal cases] Zelli GP, et al. Ann Ital Chir 1984;56(4):361–9 (Eng. Abstr.) (Ita)

DIAGNOSIS

Intraabdominal infection: diagnosis and treatment in the elderly patient. Norman DC, et al. Gerontology 1984;30(5):327–38 (38 ref.)

Chronic diverticular disease of the colon. Glover JL, et al. Indiana Med 1985 Feb;78(2):97–100

The importance of endoscopy in the diagnosis of neoplasms associated with diverticular disease of the colon, and its effect on surgical treatment. De Masi E, et al. Ital J Surg Sci 1984;14(3):195–9

Yersinia enterocolitica infection-vagaries. Dean G. J Arkansas Med Soc 1984 Dec;81(7):345–6

Diverticular disease in younger adults. Zatlin GS, et al. J Fam Pract 1985 Apr;20(4):401–2

Diverticulitis of caecum and ascending colon in Singapore. Tan EC, et al. J R Coll Surg Edinb 1984 Nov;29(6):373–6

[Acute diverticulitis in the cecum and ascending colon] Møller P, et al. Ugeskr Laeger 1984 Dec 31;147(1):29–30 (Eng. Abstr.) (Dan)

[Correlation between colonoscopy and histopathology of the colon in diverticular disease and the irritable colon syndrome] Gonçalves ES, et al. Arq Gastroenterol 1984 Jul–Sep;21(3):104–12 (Eng. Abstr.) (Por)

ETIOLOGY

The cause of diverticular disease of the colon, its symptoms and its complications. Review and hypothesis. Painter NS. J R Coll Surg Edinb 1985 Apr;30(2):118–22

FAMILIAL & GENETIC

Sigmoid diverticulitis in identical twins. Frieden JH, et al. Dig Dis Sci 1985 Feb;30(2):182–3

RADIOGRAPHY

[X-ray diagnosis of diverticular disease] Müller H. Radiol Diagn (Berl) 1985;26(2):245–53 (Eng. Abstr.) (Ger)

SURGERY

Acute diverticulitis. Comparison of treatment in immunocompromised and nonimmunocompromised patients. Perkins JD, et al. Am J Surg 1984 Dec;148(6):745–8

The management of acute colonic diverticulitis with suppurative peritonitis [letter] Ann R Coll Surg Engl 1984 Sep;66(5):378–9

Changing patterns in the surgical treatment of diverticular disease. Rodkey GV, et al. Ann Surg 1984 Oct;200(4):466–78

Surgical management of perforated colonic diverticulitis. Auguste L, et al. Arch Surg 1985 Apr;120(4):450–2

Emergency surgery for diverticular disease complicated by generalized and faecal peritonitis: a review. Krukowski ZH, et al. Br J Surg 1984 Dec;71(12):921–7 (81 ref.)

Surgical management of complicated diverticulitis. The Lahey Clinic experience, 1967 to 1982. Hackford AW, et al. Dis Colon Rectum 1985 May;28(5):317–21

Sigmoid diverticulitis with perforation and generalized peritonitis. Nagorney DM, et al. Dis Colon Rectum 1985 Feb;28(2):71–5

[Surgical diverticular sigmoiditis. Apropos of a series of 117 cases] Anselm Y, et al. Ann Chir 1984 Sep;38(6):409–13 (Eng. Abstr.) (Fre)

[Perioperative prophylaxis in elective colorectal surgery] Kujath P, et al. Chirurg 1984 Aug;55(8):519–22 (Eng. Abstr.) (Ger)

[Surgical treatment of diverticulitis] Heil K, et al. Helv Chir Acta 1985 Apr;52(1):47–53 (Eng. Abstr.) (Ger)

[Diverticulitis—pathophysiological aspects and surgical therapy] Raguse T, et al. Helv Chir Acta 1985 Apr;52(1):55–60 (Eng. Abstr.) (Ger)

[Chronic inflammatory bowel diseases] Herfarth C. Langenbecks Arch Chir 1984;364:143–7 (Eng. Abstr.) (Ger)

[Early operation of sigmoid diverticulitis] Gräf KD, et al. Zentralbl Chir 1985;110(5):311–5 (Ger)

THERAPY

Diverticular disease of the colon. Current concepts and management. Hackford AW, et al. Surg Clin North Am 1985 Apr;65(2):347–63

DIVERTICULOSIS

Sacculation of pregnant uterus. Chatterjee G, et al. J Indian Med Assoc 1984 Oct;82(10):365–8

Noncolonic diverticular disease. Brian JE Jr, et al. Surg Gynecol Obstet 1985 Aug;161(2):189–95 (46 ref.)

[Duodenal diverticula: clinical and therapeutic considerations] Pulcini M, et al. Ann Ital Chir 1984;56(4):351–9 (Ita)

[Diverticula of the duodenum] Lavagna F, et al.

Minerva Dietol Gastroenterol 1985 Apr–Jun;31(2):221–9 (Eng. Abstr.) (Ita)

COMPLICATIONS

Primary infiltrating adenocarcinoma of urethral diverticulum in a female. Schiieru G, et al. **Acta Urol Belg** 1984; 52(3):439–42

Carcinoma associated with Zenker's diverticulum. Johnson JT, et al. **Ann Otol Rhinol Laryngol** 1985 May–Jun; 94(3):324–5

Duodenojejunostomy for the pancreaticobiliary complications of duodenal diverticulum. Critchlow JF, et al. **Ann Surg** 1985 Jul;202(1):56–8

A dermatosis associated with bacterial overgrowth in jejunal diverticula. Fairris GM, et al. **Br J Dermatol** 1985 Jun; 112(6):709–13

Carcinomatous changes in pharyngeal diverticula. Baraka ME, et al. **J Laryngol Otol** 1985 Mar;99(3):297–9

Malignant fibrous histiocytoma of solitary jejunal diverticulum. Singh G, et al. **J Surg Oncol** 1985 Apr; 28(4):273–6

Sonographic diagnosis of a neoplasm in a bladder diverticulum. Williams MJ, et al. **J Ultrasound Med** 1985 Apr;4(4):203–4

Vesicoureteral reflux in women with primary bladder diverticulum. Amar AD, et al. **J Urol** 1985 Jul;134(1):33–5

Myxoid fibroepithelial polyp in caliceal diverticulum. Ritchey ML, et al. **J Urol** 1985 Jan;133(1):79–80

Carcinomas in vesical diverticula: the role of ultrasound. Saez F, et al. **JCU** 1985 Jan;13(1):45–8

Peripapillary duodenal diverticulum and biliary tract diseases. Suzuki N, et al. **Jpn J Surg** 1984 Nov;14(6):479–85

Dysphagia due to simultaneous laryngocele and Zenker's diverticulum. Birt BD. **Laryngoscope** 1985 Jan;95(1):1–2

The 1-g 14C-D-xylose breath test in gallstone patients with and without duodenal diverticula. Skar V, et al. **Scand J Gastroenterol** 1985 May;20(4):447–51

Nonepithelial neoplasms arising within vesical diverticula. McCormick SR, et al. **Urology** 1985 Apr;25(4):405–8

[Spontaneous ventriculostomy of the posterior wall of the 3rd ventricle associated with a diverticulum in the infratentorial space and stenosis of the aqueduct. Clinical and radiological study in 3 patients] Mraček Z. **Cesk Neurol Neurochir** 1984 Nov;47(6):377–82 (Eng. Abstr.) (Cze)

[Diverticulosis of the small intestine with perforation] Vesth N, et al. **Ugeskr Laeger** 1985 May 27;147(22):1776–7 (Eng. Abstr.) (Dan)

[A new complication of duodenal diverticulum: occlusion of the small intestine by a bezoar] Mercier V, et al. **Ann Chir** 1984 Dec;38(9):691–2 (Eng. Abstr.) (Fre)

[Compression of the left coronary artery by a calcified subaortic left ventricular diverticulum] Strauss HJ, et al. **ROFO** 1985 Jun;142(6):694–5 (Ger)

[Hemangiomatosis and diverticulosis of the digestive tract causing massive hemorrhage] Schulteisz F, et al. **Orv Hetil** 1985 Aug 25;126(34):2105–7 (Eng. Abstr.) (Hun)

[Herniation of a bladder diverticulum into the inguinoscrotal region] Ceraudo E, et al. **Minerva Urol Nefrol** 1984 Jul–Sep;36(3):209–10 (Eng. Abstr.) (Ita)

[A clinical study of children's VUR associated with so-called paraureteral diverticula] Yamasaki Y. **Nippon Hinyokika Gakkai Zasshi** 1985 Jan;76(1):41–55 (Eng. Abstr.) (Jpn)

[Multiple diverticulosis of the small intestine with liver cyst] Shimotsuma N, et al. **Nippon Naika Gakkai Zasshi** 1985 May;74(5):606–10 (Jpn)

[Perforation of a jejunal diverticulum] Holstad E, et al. **Tidsskr Nor Laegeforen** 1985 Feb 28;105(6):427–8 (Eng. Abstr.) (Nor)

[Case of jejunal diverticulosis complicated by diverticulitis] Sokolov AV, et al. **Klin Med (Mosk)** 1984 Oct;62(10):128–9 (Rus)

[Infrahepatic jaundice in a patient with a perivaterian diverticulum of the duodenum] Tsokalo VA, et al. **Vrach Delo** 1984 Dec;(12):81–3 (Rus)

[Caliceal diverticulum and simple renal cyst. Developmental aspects of the same entity?] Castejón Casado J, et al. **An Esp Pediatr** 1984 Nov 30;21(8):765–8 (Eng. Abstr.) (Spa)

[Primary neoplasms in bladder diverticula. Review of 5 cases] Morote Robles J, et al. **Arch Esp Urol** 1985 Mar–Apr; 38(2):159–61 (Eng. Abstr.) (Spa)

CONGENITAL

Congenital diverticulum of the right ventricle with ventricular septal defect. Terai M, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):609–11

Congenital diverticulum of muscular interventricular septum in association with atrial septal defect. Victor S, et al. **Indian Heart J** 1984 Nov–Dec;36(6):401–2

Congenital anterior urethral diverticulum: a rare cause of lower urinary tract obstruction in childhood. Baker AR, et al. **J Urol** 1985 Oct;134(4):751–2

Urinary retention secondary to congenital bladder diverticula in infants. Verghese M, et al. **J Urol** 1984 Dec; 132(6):1186–8

A congenital diverticulum of the small intestine; Meckel's diverticulum or duplication? Van Twisk R. **Neth J Surg** 1984 Aug;36(4):107–11

Congenital diverticulum of the heart of biventricular origin. Ashraf MH, et al. **Thorac Cardiovasc Surg** 1984 Dec; 32(6):389–91

Congenital bladder diverticula causing ureteral obstruction. Livne PM, et al. **Urology** 1985 Mar;25(3):273–6

[Vesicourachal diverticulum] Dueholm S, et al. **Ugeskr Laeger** 1985 Apr 8;147(15):1270–1 (Eng. Abstr.) (Dan)

[A case of multiple congenital appendiceal diverticula] Soroga A, et al. **Minerva Chir** 1984 Apr 30;39(8):659–61 (Eng. Abstr.) (Ita)

[Congenital urethral diverticulum in a male infant: a case report] Komada S, et al. **Hinyokika Kiyo** 1984 Apr; 30(4):507–11 (Eng. Abstr.) (Jpn)

[Congenital diverticulum of the left ventricle] Karolczak M. **Kardiol Pol** 1984;27(4):325–8 (Eng. Abstr.) (Pol)

[Congenital cardiac diverticula. Study of 3 cases] Santos J, et al. **Rev Esp Cardiol** 1984 May–Jun;37(3):223–6 (Eng. Abstr.) (Spa)

DIAGNOSIS

Diverticulum of the urinary bladder. London RL. **Am Fam Physician** 1984 Oct;30(4):151–3

Perforated acquired diverticulum of the terminal ileum. Power B, et al. **Br J Clin Pract** 1985 Jul;39(7):296–7

Rare clinical presentations of giant bladder diverticulum in male patients. Mukamel E, et al. **J Urol (Paris)** 1984; 90(3):197–9

Lateral pharyngoesophageal diverticulum simulating thyroid adenoma on sonography. Hayashi N, et al. **JCU** 1984 Nov–Dec;12(9):592–4

Bladder diverticulum associated with ureteral obstruction. Bellinger MF, et al. **Pediatr Radiol** 1985;15(3):207–8

Recurrent jejunal diverticulosis. Brown JE, et al. **South Med J** 1985 Mar;78(3):352–3

[Duodenal diverticulum] Cheng TC, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Dec;83(12):1260–7 (Eng. Abstr.) (Chi)

[Isolated diverticula of the cecum] Lanitis G, et al. **Rev Med Suisse Romande** 1984 Sep;104(9):689–94 (Fre)

[Surgical aspects of diverticulosis of the small intestine] Lanitis G, et al. **Rev Med Suisse Romande** 1984 Sep; 104(9):695–700 (Fre)

[Sonography in extensive juxtapapillary duodenal diverticulum] Müller GE, et al. **Ultraschall Med** 1984 Dec; 5(6):312–4 (Eng. Abstr.) (Ger)

[Duodenal diverticulum—possibility for erroneous diagnosis in the sonographic diagnosis of pancreas head tumor (case report)] Wagner W, et al. **Ultraschall Med** 1985 Feb; 6(1):46–8 (Eng. Abstr.) (Ger)

[A case of diverticulosis of the small intestine] Giordano M, et al. **Minerva Chir** 1985 Jun 30;40(12):851–3 (Eng. Abstr.) (Ita)

[Duodenal diverticuli in the region of Vater's ampulla] Maiat VS, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):44–7 (Eng. Abstr.) (Rus)

[Diverticulosis of the small intestine] Podoprigora AP, et al. **Klin Khir** 1985 Feb;(2):46 (Rus)

[Diverticulum of Vater's ampulla] de Juán Martín M, et al. **Rev Esp Enferm Apar Dig** 1985 May;67(5):451–5 (Eng. Abstr.) (Spa)

[A single diverticulum of the cecum] de Santiago Urquijo F, et al. **Rev Esp Enferm Apar Dig** 1984 Jul;66(1):61–4 (Eng. Abstr.) (Spa)

ETIOLOGY

Diet and diverticulosis—new leads [editorial] Heaton KW. **Gut** 1985 Jun;26(6):541–3 (20 ref.)

FAMILIAL & GENETIC

Crohn's disease and small bowel diverticulosis in two sisters. Balldin G, et al. **Acta Chir Scand** 1985;151(1):81–4

OCCURRENCE

Diet and other factors in the aetiology of diverticulosis: an epidemiological study in Greece. Manousos O, et al. **Gut** 1985 Jun;26(6):544–9

PATHOLOGY

Diverticulosis and salpingitis isthmica nodosa (SIN) of the fallopian tube. Estrogen-induced diverticulosis and SIN of the mouse oviduct. Newbold RR, et al. **Am J Pathol** 1984 Nov;117(2):333–5

Solitary diverticulum of the caecal area. Leslie DR. **Med J Aust** 1984 Oct 13;141(8):531–2

[Case report of solitary cysts of the cecum] Trifonov D. **Khirurgiia (Sofiia)** 1985;38(2):73–5 (Bul)

[Intramural pseudodiverticulosis of the esophagus. Clinical aspects, morphologic changes and functional disorders] Heinze W, et al. **Dtsch Med Wochenschr** 1985 Jul 5; 110(27):1077–83 (Eng. Abstr.) (Ger)

RADIOGRAPHY

Case report: intraluminal duodenal diverticulum. Altin RS, et al. **J Med Soc NJ** 1985 May;82(5):391–2

Bilateral multiple ureteral diverticula diagnosed after ileal loop procedure: report of a case and review of the literature. Yagan R, et al. **J Urol** 1985 Apr;133(4):674–6

Symptomatic diverticulum of the sacral nerve root sheath. Eisenberg D, et al. **Neuroradiology** 1985;27(2):183

Multiple intradural arachnoid diverticuli: the need for complete myelography. Schroeder KA, et al. **Neurosurgery** 1984 Dec;15(6):863–7

Ureteral pseudodiverticulosis. Wasserman NF, et al. **Radiology** 1985 Jun;155(3):561–6

Case profile: ureterocele in vesical diverticulum. Goren E, et al. **Urology** 1985 Feb;25(2):199–200

SURGERY

Perforated jejunal diverticula. Habib NA, et al. **Br J Clin Pract** 1984 Nov–Dec;38(11–12):431, 433

Tube duodenostomy—a safe method for managing perforated duodenal diverticulum [letter] Zamir O, et al. **Can J Surg** 1984 Sep;27(5):421

Endoscopic laser surgery for hypopharyngeal diverticula—a preliminary report. Knegt PP, et al. **Clin Otolaryngol** 1984 Oct;9(5):277–9

Endoscopic excision of intraluminal duodenal diverticulum. Hiraoka T, et al. **Dig Dis Sci** 1985 Mar;30(3):274–81

Comparison of endoscopic diathermy and resection in the surgical treatment of pharyngeal diverticula. Welch AR, et al. **J Laryngol Otol** 1985 Feb;99(2):179–82

Urethroplasty using diverticular tissue. Winslow BH, et al. **J Urol** 1985 Sep;134(3):552–3

Microendoscopic surgery of the hypopharyngeal pouch with the CO2 laser. Hoeksema PE, et al. **Lasers Surg Med** 1985; 5(4):367–9

Symptomatic anterior spinal arachnoid diverticulum. Chan RC, et al. **Neurosurgery** 1985 May;16(5):663–5

[Peritoneal gas cyst in sigmoid diverticulosis] Flückiger R. **Chirurg** 1985 Jan;56(1):56–8 (Ger)

[Reversal of duodenal passage] Zwicker M. **Chirurg** 1985 Apr;56(4):280–3 (Ger)

[Therapy of Zenker's diverticula] Escher F. **Schweiz Med Wochenschr** 1984 Oct 13;114(41):1428–33 (Eng. Abstr.) (Ger)

[Duodenal diverticula. Report on 13 cases] Meriggi F, et al. **Minerva Chir** 1984 Nov 30;39(22):1547–54 (Eng. Abstr.) (Ita)

[Two cases of giant vesical diverticulum in females] Fujioka T, et al. **Hinyokika Kiyo** 1985 Mar;31(3):489–94 (Eng. Abstr.) (Jpn)

[Surgical repair of vascular ring (Edwards IIIB type) with aortic diverticulum in 2 adults] Yamamoto N, et al. **Kyobu Geka** 1984 Dec;37(13):1047–51 (Eng. Abstr.) (Jpn)

[Separate drainage of the common bile duct and main pancreatic duct into a duodenal diverticulum] Prusov AL, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):138–9 (Rus)

[Surgical treatment of complicated periampullar diverticulosis of the duodenum] Masalin MM, et al. **Vestn Khir** 1985 Feb;134(2):31–3 (Eng. Abstr.) (Rus)

THERAPY

Percutaneous management of a pyelocaliceal diverticular abscess. Ramchandani P, et al. **J Urol** 1985 Jan;133(1):81–3

Jejunal diverticulosis: medical and surgical management. McGrew W, et al. **South Med J** 1985 May;78(5):533–5

[Endoscopic division of an obstructive intraluminal duodenal diverticulum] Bühler H, et al. **Dtsch Med Wochenschr** 1985 Apr 19;110(16):645–7 (Eng. Abstr.) (Ger)

DIVERTICULOSIS, COLONIC

Diverticular disease of colon in China. A 60-year retrospective study. Pan GZ, et al. **Chin Med J [Engl]** 1984 Jun;97(6):391–4

COMPLICATIONS

Diverticular rupture [letter] Macrae F. **Dig Dis Sci** 1985 Jul; 30(7):698

[Colonic diverticulosis. Symptoms in patients referred for out-patient barium enema] Madsen PE, et al. **Ugeskr Laeger** 1985 Feb 4;147(6):511–2 (Eng. Abstr.) (Dan)

[Peritonitis caused by sigmoid diverticula. Initial therapeutic attitude] Olivier A, et al. **Chirurgie** 1984;110(6–7):672–4 (Fre)

[Stercoral peritonitis caused by sigmoid diverticula. Apropos of 29 cases] Testas P, et al. **Chirurgie** 1984;110(6–7):670–1 (Fre)

[Considerations on a peculiar case of Saint's triad] Toppino M, et al. **Minerva Chir** 1984 Jul 15–31;39(13–14):1023–4 (Eng. Abstr.) (Ita)

[Perforation of diverticula of the colon. Problems of surgical strategies] Balducci D, et al. **Minerva Dietol Gastroenterol** 1985 Jan–Mar;31(1):47–50 (Eng. Abstr.) (Ita)

DIAGNOSIS

Suppurative pylephlebitis due to pseudodiverticulosis coli. Rodning CB, et al. **South Med J** 1984 Sep;77(9):1165–7

[Saint's triad—an anatomoclinical entity or a coincidence of association?] Rațiu O, et al. **Rev Chir [Chir]** 1985 Mar–Apr; 34(2):147–53 (Eng. Abstr.) (Rum)

DIET THERAPY

High fibre diet in symptomatic diverticular disease of the colon. Leahy AL, et al. **Ann R Coll Surg Engl** 1985 May; 67(3):173–4

ETIOLOGY

Colonic diverticulum perforation: report of two cases as a complication of coronary artery bypass (perforated diverticulum after coronary artery bypass). Mirvis S, et al. **Am J Gastroenterol** 1985 Jul;80(7):547–9

The cause of diverticular disease of the colon, its symptoms and its complications. Review and hypothesis. Painter NS. **J R Coll Surg Edinb** 1985 Apr;30(2):118–22

OCCURRENCE

The changing epidemiology of diverticular disease in Israel. Levy N, et al. **Dis Colon Rectum** 1985 Jun;28(6):416–8

Gastrointestinal diverticulosis. A retrospective analysis. Qureshi H, et al. **JPMA** 1985 Jan;35(1):14–9

[Diverticular disease of the colon in the aged] Inoue M, et al. **Nippon Ronen Igakkai Zasshi** 1984 Sep;21(5):453–8 (Eng. Abstr.) (Jpn)

PATHOLOGY

Elastosis in diverticular disease of the sigmoid colon. Whiteway J, et al. **Gut** 1985 Mar;26(3):258–66

[Myenteric plexuses and colonic diverticulosis: results of a histological study] Vuong NP, et al. **Gastroenterol Clin Biol** 1985 May;9(5):434–6 (Eng. Abstr.) (Fre)

PHYSIOPATHOLOGY

Gastrointestinal motility in normal subjects and patients with diverticulosis of the colon. Leandro PA, et al. **Arq Gastroenterol** 1984 Oct–Dec;21(4):157–63

PREVENTION & CONTROL

[An epidemiological study on relationship between intake of dietary fiber and colonic diseases] Ohta M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):51–7 (Eng. Abstr.) (Jpn)

RADIOGRAPHY

False-negative barium enema in patients with sigmoid cancer and coexistent diverticula. Baker SR, et al. **Gastrointest Radiol** 1985;10(2):171–3

Tuboovarian abscess simulating giant colonic diverticulum. Telepak RJ, et al. **Gastrointest Radiol** 1984;9(4):369–71

[X-ray diagnosis of diverticular disease] Müller H. **Radiol Diagn (Berl)** 1985;26(2):245–53 (Eng. Abstr.) (Ger)

[Roentgen diagnosis of diverticulosis of the large intestines] Dement'ev EZ, et al. **Sov Med** 1984;(11):116–8 (Rus)

SURGERY

Rectal bleeding due to diversion colitis. Ona FV, et al. **Am J Gastroenterol** 1985 Jan;80(1):40–1

Changing patterns in the surgical treatment of diverticular disease. Rodkey GV, et al. **Ann Surg** 1984 Oct; 200(4):466–78

Influence of sigmoid resection on progression of diverticular disease of the colon. Wolff BG, et al. **Dis Colon Rectum** 1984 Oct;27(10):645–7

Reilly's sigmomyotomy in the treatment of diverticulosis: a review of 21 cases. McCollum PT, et al. **Ir J Med Sci** 1984 Dec;153(12):426–30

THERAPY

Therapeutic use of colonoscopy in active diverticular bleeding [letter] Mauldin JL. **Gastrointest Endosc** 1985 Aug;31(4):290–1

Diverticular disease. Current trends in therapy. Johnson HC Jr, et al. **Postgrad Med** 1985 Sep 1;78(3):75–9, 82

DIVERTICULOSIS, ESOPHAGEAL see ESOPHAGEAL DIVERTICULA

DIVERTICULOSIS, GASTRIC see STOMACH DIVERTICULA

DIVING

see related
DECOMPRESSION SICKNESS
IMMERSION
INERT GAS NARCOSIS

Central nervous dysfunction associated with deep-sea diving. Aarli JA, et al. **Acta Neurol Scand** 1985 Jan;71(1):2–10

ree and forced diving in ducks: habituation of the initial dive response. Gabrielsen GW. **Acta Physiol Scand** 1985 Jan;123(1):67–72

odification of circulatory function during apnoeic diving in Jaques Mayol and Japanese professional ama. Mizushima Y, et al. **Ann Physiol Anthropol** 1984 Apr;3(2):121–8

bsorbed carbon dioxide as control of the quality of soda lime and of closed-circuit isolating breathing apparatus. Radić S, et al. **Arh Hig Rada Toksikol** 1983 Dec; 34(4):329–40

iving bradycardia [letter] Gooden B. **Aust Fam Physician** 1984 Oct;13(10):724

axillary sinus barotrauma—case report and review. Garges LM. **Aviat Space Environ Med** 1985 Aug;56(8):796–802

model of spinal cord dysbarism to study delayed treatment: I. Effects of treatment. Leitch DR, et al. **Aviat Space Environ Med** 1984 Aug;55(8):679–84

Dental factors in Scuba mouthpiece design. Mack PJ, et al. **Br Dent J** 1985 Feb 23;158(4):141–2

Effect of commercial diving on ventilatory function. Watt SJ. **Br J Ind Med** 1985 Jan;42(1):59–62

The diving response depresses ventilation in man. Folgering H, et al. **Bull Eur Physiopathol Respir** 1985 Mar–Apr; 21(2):143–7

Diving and chronic spontaneous pneumothorax. Ziser A, et al. **Chest** 1985 Feb;87(2):264–5

Diving medicine. Kizer KW. **Emerg Med Clin North Am** 1984 Aug;2(3):513–30

Cognitive performance during simulated deep-sea diving. Logie RH, et al. **Ergonomics** 1985 May;28(5):731–46

Bronchoconstriction: a component of the 'diving response' in man. Mukhtar MR, et al. **Eur J Applied Physiol** 1984; 53(2):155–8

Reflex compensation of voluntary inspiration when immersion changes diaphragm length. Banzett RB, et al. **J Appl Physiol** 1985 Aug;59(2):611–8

Potentially conflicting metabolic demands of diving and exercise in seals. Castellini MA, et al. **J Appl Physiol** 1985 Feb;58(2):392–9

Brain amino acid concentrations during diving and acid-base stress in turtles. Hitzig BM, et al. **J Appl Physiol** 1985 Jun; 58(6):1751–4

Central and peripheral causes of hyperreflexia in humans breathing 5% trimix at 650 m. Parmentier JL, et al. **J Appl Physiol** 1985 Apr;58(4):1239–45

Physiological responses to exercise at 47 and 66 ATA. Salzano JV, et al. **J Appl Physiol** 1984 Oct;57(4):1055–68

A comparison of lung volumes between divers and submariners in the Royal Navy. Clifford GM, et al. **J R Nav Med Serv** 1984 Winter;70(3):143–8

Complications of saturation diving. Leitch DR. **J R Soc Med** 1985 Aug;78(8):634–7

Epileptics and scuba diving [letter] Dreifuss FE. **JAMA** 1985 Apr 5;253(13):1877–8

Fitness of North Sea divers [letter] Thompson J, et al. **Lancet** 1984 Oct 6;2(8406):806

Optimum design of diving snorkels. Baz AM. **Med Sci Sports Exerc** 1984 Aug;16(4):415–21

Neurologic presentation of decompression sickness and air embolism in sport divers. Dick AP, et al. **Neurology** 1985 May;35(5):667–71

An experimental psychophysiological approach to human bradycardiac reflexes. Furedy JJ. **Pavlov J Biol Sci** 1985 Apr–Jun;20(2):88–96

What diving animals might tell us about blood flow regulation. Gooden BA, et al. **Perspect Biol Med** 1985 Spring;28(3):465–74

Seal lungs collapse during free diving: evidence from arterial nitrogen tensions. Falke KJ, et al. **Science** 1985 Aug 9; 229(4713):556–8

Diving accident network (DAN) [letter] Wachholz C. **South Med J** 1985 Jul;78(7):894–5

Program and abstracts: Undersea Medical Society annual scientific meeting. 11–14 June 1985, Long Beach, California. **Undersea Biomed Res** 1985 Mar;12(1 Suppl):1–65

Decompression from a deep nitrogen/oxygen saturation dive—a case report. Barry PD, et al. **Undersea Biomed Res** 1984 Dec;11(4):387–93

Health risk factors for the development of decompression sickness among U.S. Navy divers. Dembert ML, et al. **Undersea Biomed Res** 1984 Dec;11(4):395–406

Relations of smoking and diving experience to pulmonary function among U.S. Navy divers. Dembert ML, et al. **Undersea Biomed Res** 1984 Sep;11(3):299–304

Decompression induced nitrogen elimination. Dick AP, et al. **Undersea Biomed Res** 1984 Dec;11(4):369–80

Cardiac arrhythmias and heart rate changes in prolonged hyperbaric air exposures. Eckenhoff RG, et al. **Undersea Biomed Res** 1984 Dec;11(4):355–67

Air and nitrox saturation decompression: a report of 4 schedules and 77 subjects. Eckenhoff RG, et al. **Undersea Biomed Res** 1985 Mar;12(1):41–52

Outline of medical standards for divers. Hickey DD. **Undersea Biomed Res** 1984 Dec;11(4):407–32

Circulatory functions during immersion and breath-hold dives in humans. Lin YC. **Undersea Biomed Res** 1984 Jun; 11(2):123–38 (76 ref.)

Respiratory function during simulated wet dives. Lundgren CE. **Undersea Biomed Res** 1984 Jun;11(2):139–47

Hyperbaric diuresis at a thermoneutral 31 ATA He-O2 environment. Shiraki K, et al. **Undersea Biomed Res** 1984 Dec;11(4):341–53

Thermal environmental monitoring of divers using a twelve channel multiplexing instrument. Weller C, et al. **Undersea Biomed Res** 1985 Mar;12(1):85–92

[Management of diving accidents] Sipinen SA, et al. **Duodecim** 1985;101(8):763–9 (Eng. Abstr.) (Fin)

[Petroleum civilization and diving of men] Seki K. **Ann Physiol Anthropol** 1984 Jul;3(3):195–200 (35 ref.) (Jpn)

[Study of hearing in increased atmospheric pressure] Taniewski M. **Otolaryngol Pol** 1985;39(2):160–5 (Eng. Abstr.) (Pol)

ADVERSE EFFECTS

Development of an organic affective syndrome during a hyperbaric diving experiment. Stoudemire A, et al. **Am J Psychiatry** 1984 Oct;141(10):1251–4

Diver's Alert Network [letter] Dunford R. **Ann Emerg Med** 1985 Mar;14(3):278

Otolaryngology and sport scuba diving. Update and guidelines. Neblett LM. **Ann Otol Rhinol Laryngol [Suppl]** 1985 Jan–Feb;115:1–12

Commercial diving fatalities. Bradley ME. **Aviat Space Environ Med** 1984 Aug;55(8):721–4

The accident injury matrix and its use in diving injury investigations. Dembert ML. **Aviat Space Environ Med** 1984 Dec;55(12):1143–7

Dysbaric hazard of a new fishing method in Hong Kong: case report. Lam TH, et al. **Br J Ind Med** 1985 Mar; 42(3):209–10

Divers Alert Network (DAN) [letter] Wachholz C. **Can Anaesth Soc J** 1985 Jan;32(1):97

1001 disorders of the ear, nose and sinuses in scuba divers. Roydhouse N. **Can J Appl Sport Sci** 1985 Jun;10(2):99–103

Management of dysbaric diving casualties. Kizer KW. **Emerg Med Clin North Am** 1983 Dec;1(3):659–70 (34 ref.)

A method for investigating specialised accidents with special reference to diving. Calder IM. **Forensic Sci Int** 1985 Feb; 27(2):119–27

Experiments using high pressure fluid jets on human tissues. Calder IM, et al. **Forensic Sci Int** 1984 Oct;26(2):123–9

Diving injuries. Dickey LS. **J Emerg Med** 1984;1(3):249–62

Change of resource-technology relations in abalone diving-fishing on Ojika Islands: its implication to labor and health of divers. Moji K, et al. **J Hum Ergol (Tokyo)** 1983 Dec;12(2):105–20

Work styles of Okinawan diving-fishers in relation to decompression sickness and physical complaints. Sasaki A, et al. **J Hum Ergol (Tokyo)** 1983 Dec;12(2):219–22

Longitudinal health risks among graduates and non-graduates of diving school. Hoiberg A. **J Soc Occup Med** 1985 Feb;35(1):30–4

Conservative management of inner ear barotrauma resulting from scuba diving. Parell GJ, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):393–7

Hyperbaric diuresis and nocturia—a review. Shiraki K, et al. **Sangyo Ika Daigaku Zasshi** 1985 Mar 1;7(1):61–72 (15 ref.)

Strategies for preventing diving injuries [letter] Dembert ML. **Undersea Biomed Res** 1984 Dec;11(4):433–4

Chromosome aberrations in divers. Fox DP, et al. **Undersea Biomed Res** 1984 Jun;11(2):193–204

Damage to the middle ear and the inner ear in underwater divers. Money KE, et al. **Undersea Biomed Res** 1985 Mar; 12(1):77–84

Evaluation of oral problems in divers performing electrical welding and cutting under water. Ortendahl TW, et al. **Undersea Biomed Res** 1985 Mar;12(1):69–76

[Medical aspects of diving accidents] Mulder JW, et al. **Ned Tijdschr Geneeskd** 1985 Jun 29;129(26):1222–5 (Dut)

[Electronystagmography and hyperbaric conditions] Renon P, et al. **Rev Otoneuroophtalmol** 1984 May–Jun; 56(3):287–98 (Eng. Abstr.) (Fre)

[Decompression sickness of the spinal cord. Results of early and of late treatment] Bühlmann AA. **Schweiz Med Wochenschr** 1985 Jun 8;115(23):796–800 (Eng. Abstr.) (Ger)

[Stomach rupture while diving] Russi E, et al. **Schweiz Med Wochenschr** 1985 Jun 8;115(23):800–3 (Eng. Abstr.) (Ger)

[Thoracic spine injury after a plunge into water] Wiecławek H, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(2):111–3 (Eng. Abstr.) (Pol)

[Decompression sickness—diagnosis, first aid and principles of emergency treatment. I] Krzyżak J, et al. **Pol Tyg Lek** 1984 Sep 17;39(38):1277–82 (21 ref.) (Eng. Abstr.) (Pol)

[Analysis of cases of decompression sickness treated by hyperbaric oxygenation at the Polish Army Center for the Training of Divers and Frogmen in the summer of 1983] Krzyżak J, et al. **Pol Tyg Lek** 1984 Jul 30;39(31):1041–3 (Eng. Abstr.) (Pol)

[Decompression sickness—diagnosis, first aid and principles of treatment. II] Krzyżak J, et al. **Pol Tyg Lek** 1984 Sep 24;39(39):1305–9 (15 ref.) (Eng. Abstr.) (Pol)

DIVINYL ETHER see VINYL ETHER

DIVINYL OXIDE see VINYL ETHER

DIVORCE

A longitudinal study of the impact of parental divorce on adolescents' evaluations of self and parents. Parish TS, et al. **Adolescence** 1985 Spring;20(77):239–44

Parental separation/divorce and adolescents: an examination of factors mediating adaptation. Farber SS, et al. **Am J Community Psychol** 1985 Apr;13(2):171–85

Evaluating a primary prevention program for children of divorce. Stolberg AL, et al. **Am J Community Psychol** 1985 Apr;13(2):111–24

A preventive intervention program for the newly separated: final evaluations. Bloom BL, et al. **Am J Orthopsychiatry** 1985 Jan;55(1):9–26

Impasses to the resolution of custody and visitation disputes. Johnston JR, et al. **Am J Orthopsychiatry** 1985 Jan; 55(1):112–29

School-based developmental facilitation groups for children of divorce: a preventive intervention. Kalter N, et al. **Am J Orthopsychiatry** 1984 Oct;54(4):613–23

Children and parents in the divorce court. Lassers E, et al. **Am J Psychoanal** 1985 Spring;45(1):77–91

Women and divorce: health insurance coverage, utilization, and health care expenditures. Berk ML, et al. **Am J Public Health** 1984 Nov;74(11):1276–8

Spinal cord injury: its short-term impact on marital status. DeVivo MJ, et al. **Arch Phys Med Rehabil** 1985 Aug; 66(8):501–4

The effects on children of parental separation and divorce. Waters B. **Aust Fam Physician** 1985 Jun;14(6):539, 542

Children of parental divorce: vulnerable or invulnerable? [editorial] Robson BE. **Can J Psychiatry** 1985 Jun;30(4):239

Family breakdown and its effects on emotional disorders in children. Shamsie J. **Can J Psychiatry** 1985 Jun;30(4):281–7 (48 ref.)

Structural complexity and the quality of stepfather–stepchild relationships. Clingempeel WG, et al. **Fam Process** 1984 Dec;23(4):547–60

Shared parenting: an empirical analysis utilizing a large data base. Irving HH, et al. **Fam Process** 1984 Dec;23(4):561–9

The single-parent family: an author's reflection. Morawetz A. **Fam Process** 1984 Dec;23(4):571–6

The child's accusation of sexual abuse during a divorce and custody struggle. Kaplan SL, et al. **Hillside J Clin Psychiatry** 1981;3(1):81–95

Parents' beliefs about children's reactions to divorce: the development of an assessment instrument. Plunkett JW, et al. **J Am Acad Child Psychiatry** 1985 May;24(3):334–7

Children's beliefs about reactions to parental divorce. Plunkett JW, et al. **J Am Acad Child Psychiatry** 1984 Sep; 23(5):616–21

Psychoanalytic inferences concerning children of divorced parents. Panel report. **J Am Psychoanal Assoc** 1983; 31(1):247–58

Fertility, birth timing and marital breakdown: a reinterpretation of the evidence. Murphy MJ. **J Biosoc Sci** 1984 Oct;16(4):487–500

Children of divorce: the pediatrician and the lawyers. Kappelman MM. **J Dev Behav Pediatr** 1985 Apr;6(2):104–6

Locus of control in children of divorce. Kalter N, et al. **J Pers Assess** 1984 Aug;48(4):410–4

Mmpi characteristics of parents referred for child-custody studies. Ollendick DG, et al. **J Psychol** 1984 Jul;117(2D Half):227–32

The stepfamily: an introduction to its problems. Hodder E. **J R Soc Med** 1985;78 Suppl 8:28–31

Stepfamilies: a concern health education should address. Gray BJ, et al. **J Sch Health** 1984 Sep;54(8):292–4

Risk for alcohol-related accidents in divorced and separated women. McCormack A. **J Stud Alcohol** 1985 May; 46(3):240–3

Marital dissolution and health: do males or females have greater risk? Riessman CK, et al. **Soc Sci Med** 1985; 20(6):627–35

[Divorce as a family crisis and clinical problem—a review of recent North American literature] Schweitzer J, et al. **Prax Kinderpsychol Kinderpsychiatr** 1985 Feb–Mar; 34(2):44–9 (Eng. Abstr.) (Ger)

[Family therapy with divorce families: a review] Schweitzer J, et al. **Prax Kinderpsychol Kinderpsychiatr** 1985 Apr; 34(3):95–100 (Eng. Abstr.) (Ger)

LEGISLATION & JURISPRUDENCE

Marital and family breakdown. Thoughts on the role of doctors, lawyers and behavioural scientists. Moloney L. **Aust Fam Physician** 1985 May;14(5):434–40

Court orders and custody evaluations in Israel. Schindler R. **Child Welfare** 1985 Jul–Aug;64(4):383–93

An overview of child custody laws. Weiner BA. **Hosp Community Psychiatry** 1985 Aug;36(8):838–43

Psychiatric consultation in Catholic annulment proceedings. Young JL, et al. **Hosp Community Psychiatry** 1985 Apr; 36(4):346–7

Psychodynamic and family issues in post-divorce child custody litigation. Berkman CF. **J Am Acad Child Psychiatry** 1984 Nov;23(6):708–12

TRENDS

Changes in widowhood and divorce and expected durations of marriage. Goldman N. **Demography** 1984 Aug; 21(3):297–307

Marriage and divorce in twentieth century American cohorts. Schoen R, et al. **Demography** 1985 Feb;22(1):101–14

Myths about male midlife crises. Ciernia JR. **Psychol Rep** 1985 Jun;56(3):1003–7

DIXAMON BROMIDE see METHANTHELINE

DIZZINESS

COMPLICATIONS

Dizziness and headache. Guidetti G, et al. **Acta Otorhinolaryngol Belg** 1984;38(2):140–7

DIAGNOSIS

'A bit dizzy'. Luxon LM. **Br J Hosp Med** 1984 Dec; 32(6):315–21

Evaluation of the dizzy patient. Rothera MP, et al. **Ear Nose Throat J** 1984 Nov;63(11):545–54

Evaluation and outcome of the dizzy patient. Madlon-Kay DJ. **J Fam Pract** 1985 Aug;21(2):109–13

Electronystagmography and horizontal directionalization. Snashall S. **J Laryngol Otol** 1984 Oct;98(10):981–8

ETIOLOGY

Holter monitoring for dizziness and syncope in old age. Hertzeanu H, et al. **Acta Cardiol (Brux)** 1985;40(3):291–9

The dizzy patient. Baldwin RL. **Hosp Pract [Off]** 1984 Oct; 19(10):151–60, 162

Pathology and management of dizziness [editorial] **Lancet** 1984 Dec 22;2(8417–18):1439

PHYSIOPATHOLOGY

The intraarterial blood pressure monitoring in the evaluation of patients with dizziness and/or fainting. Palombo C, et al. **Clin Exp Hypertens [A]** 1985;7(2–3):423–8

THERAPY

The treatment of peripheral dizziness. Curley JW. **Ear Nose Throat J** 1984 Nov;63(11):555–60

DJUNGARIAN see HAMSTERS

DJUNGARIAN HAMSTER see HAMSTERS

DMBA see 9,10-DIMETHYL-1,2-BENZANTHRACENE

DMF INDEX

Prevalence of dentistry phobia and its relation to missing teeth, alveolar bone loss and dental care habits in an urban community sample. Hällström T, et al. **Acta Psychiatr Scand** 1984 Nov;70(5):438–46

Dental anxiety and DMFS status: association within a US naval population versus differences between groups. Cohen ME. **Community Dent Oral Epidemiol** 1985 Apr;13(2):75–8

DMFS(e) index for selection of clinical trial subjects. Mitropoulos C. **Community Dent Oral Epidemiol** 1985 Feb; 13(1):30–2

A comparison of S. mutans prevalence in relation to caries experience in Norwegian and immigrant Vietnamese children. Scheie AA, et al. **J Dent Res** 1984 Dec; 63(12):1383–6

Parametric versus nonparametric tests in caries studies based on DMF index. Alanen P. **Proc Finn Dent Soc** 1985; 81(1):6–10

DMF scores in different tooth surfaces among 20 year old university students in Helsinki. Rytömaa I, et al. **Proc Finn Dent Soc** 1984;80(4):162–8

Dental habits, knowledge, and attitudes of young drug addicts. Scheutz F. **Scand J Soc Med** 1985;13(1):35–40

[Proximal caries in students of the school dental clinic in Aarau] Diehl R. **Schweiz Monatsschr Zahnmed** 1985 Feb; 95(2):140–3 (Eng. Abstr.) (Ger)

[Prosthetic stomatologic care of citizens 60 years and older in the Stralsund-Land district, based on a representative sample in 1979] Schwebke B, et al. **ZFA** 1984 Sep–Oct; 39(5):263–9 (Eng. Abstr.) (Ger)

[Changes in the caries picture in students of specialized secondary schools in Budapest between 1975 and 1982] Boross E, et al. **Fogorv Sz** 1984 Nov;77(11):325–31 (Eng. Abstr.) (Hun)

[Comparative data on dental caries in school children of Baja and Nagybaracska (1948–1983)] Hanzély B, et al. **Fogorv Sz** 1985 Aug;78(8):245–50 (Eng. Abstr.) (Hun)

[Relation of secreting isohemagglutinins in saliva and dental caries] Kitamura H. **Nippon Hoigaku Zasshi** 1984 Apr; 38(2):183–94 (Eng. Abstr.) (Jpn)

DMPP see under PIPERAZINES

DMSO see DIMETHYL SULFOXIDE

DNA

see related

GENETIC CODE
NUCLEIC ACID DENATURATION
NUCLEIC ACID HYBRIDIZATION
REPETITIVE SEQUENCES, NUCLEIC ACID

Estimation of the extent of platination and the sites of Pt binding after interaction of cis- and trans-diamminedichloroplatinum(II) with DNA and chromatin. Oliński R, et al. **Acta Biochim Pol** 1985; 32(2):119–25

An improved DNA sequencing strategy. Lin HC, et al. **Anal Biochem** 1985 May 15;147(1):114–9

Dideoxy DNA sequencing with end-labeled oligonucleotide primers. McGraw RA 3d. **Anal Biochem** 1984 Dec; 143(2):298–303

Nonrandom DNA sequencing of exonuclease III-deleted complementary DNA. Okita TW. **Anal Biochem** 1985 Jan; 144(1):207–11

Immunological screening of standard cDNA libraries in pBR322 vectors: detection of human fibrinogen and prothrombin cDNA clones. Plaisancié H, et al. **Anal Biochem** 1984 Nov 1;142(2):271–6

Use of S1 nuclease and formamide in combination for the reassociation studies on GC-rich DNA. Sadhu C, et al. **Anal Biochem** 1984 Oct;142(1):53–7

Formation of single-stranded regions in the course of digestion of DNA with DNAase II and micrococcal nuclease. Galcheva-Gargova Z, et al. **Arch Biochem Biophys** 1985 Jul;240(1):464–9

Sequence of a cloned 523-bp cDNA for thymosin beta 4. Goodall GJ, et al. **Arch Biochem Biophys** 1985 Jan; 236(1):445–7

Measurement of the helix opening rate in Z-DNA by 1H nuclear magnetic resonance relaxation spectroscopy. Bendel P. **Biochem Biophys Res Commun** 1985 Apr 16; 128(1):352–9

Thermal stability of the Z-conformation of the tetranucleoside triphosphate (m5dC-dG)2. Genest D, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):803–11

Cloning and expression of the cDNA coding for aequorin, a bioluminescent calcium-binding protein. Prasher D, et al. **Biochem Biophys Res Commun** 1985 Feb 15; 126(3):1259–68

Primary structure of the telopeptide and a portion of the helical domain of chicken type II procollagen as determined by DNA sequence analysis. Deák F, et al. **Biochem J** 1985 Jul 1;229(1):189–96

Construction and identification of a cDNA clone for human type II procollagen mRNA. Elima K, et al. **Biochem J** 1985 Jul 1;229(1):183–8

Photochemical cross-linking of protein and DNA in chromatin. Synthesis and application of a photosensitive cleavable derivative of 9-aminoacridine with two photoprobes connected through a disulphide-containing linker. Nielsen PE, et al. **Biochem J** 1984 Oct 15; 223(2):519–26

Induction of breaks in deoxyribonucleic acid by photoexcited promazine derivatives. Decuyper J, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4025–31

Dissociation kinetics of DNA-anthracycline and DNA-anthraquinone complexes determined by stopped-flow spectrophotometry. Gandecha BM, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):733–6

Damage of Trypanosoma cruzi deoxyribonucleic acid by nitroheterocyclic drugs. Goijman SG, et al. **Biochem Pharmacol** 1985 May 1;34(9):1457–61

Induction of DNA single- and double-strand breaks by diethylstilbestrol in murine L5178Y lymphoblasts in vitro. Goldenberg GJ, et al. **Biochem Pharmacol** 1985 Mar 15; 34(6):771–6

ZSEQ: an interactive DNA sequence analysis program designed for microcomputers. Bishop MJ. **Biochem Soc Trans** 1984 Dec;12(6):1015–7

DNA sequence analysis and the computer. Jones MD. **Biochem Soc Trans** 1984 Dec;12(6):1018–20

The EMBL nucleotide sequence data library. Kneale GG, et al. **Biochem Soc Trans** 1984 Dec;12(6):1011–4

Computer methods to aid the determination and analysis of DNA sequences. Staden R. **Biochem Soc Trans** 1984 Dec; 12(6):1005–8

Iron(III)-adriamycin and Iron(III)-daunorubicin complexes: physicochemical characteristics, interaction with DNA, and antitumor activity. Beraldo H, et al. **Biochemistry** 1985 Jan 15;24(2):284–9

Photochemical demonstration of stacked C.C+ base pairs in a novel DNA secondary structure. Brown DM, et al. **Biochemistry** 1985 Mar 26;24(7):1676–83

Kinetics of the daunomycin—DNA interaction. Chaires JB, et al. **Biochemistry** 1985 Jan 15;24(2):260–7

Adducts of the antitumor drug cis-diamminedichloroplatinum(II) with DNA: formation, identification, and quantitation. Fichtinger-Schepman AM, et al. **Biochemistry** 1985 Jan 29;24(3):707–13

Model for interactions of amino acid side chains with Watson-Crick base pair of guanine and cytosine: crystal structure of 9-(2-carbamoylethyl)guanine and 1-methylcytosine complex. Fujita S, et al. **Biochemistry** 1985 Jan 15;24(2):508–12

Phosphorus-31 nuclear magnetic resonance of highly oriented DNA fibers. 2. Molecular motions in hydrated DNA. Fujiwara T, et al. **Biochemistry** 1985 Feb 12; 24(4):896–902

Structural basis for stabilization of Z-DNA by cobalt hexaammine and magnesium cations. Gessner RV, et al. **Biochemistry** 1985 Jan 15;24(2):237–40

Mouse 7S nerve growth factor: complete sequence of a cDNA coding for the alpha-subunit precursor and its relationship to serine proteases. Isackson PJ, et al. **Biochemistry** 1984 Dec 4;23(25):5997–6002

Competition between anaerobic covalent linkage of neocarzinostatin chromophore to deoxyribose in DNA and oxygen-dependent strand breakage and base release. Povirk LF, et al. **Biochemistry** 1984 Dec 18;23(26):6304–11

Sequence comparison of rat liver phenylalanine hydroxylase and its cDNA clones. Robson KJ, et al. **Biochemistry** 1984 Nov 20;23(24):5671–5

Phosphorus-31 nuclear magnetic resonance of highly oriented DNA fibers. 1. Static geometry of DNA double helices. Shindo H, et al. **Biochemistry** 1985 Feb 12; 24(4):887–95

Interstrand psoralen cross-links do not introduce appreciable bends in DNA. Sinden RR, et al. **Biochemistry** 1984 Dec 18;23(26):6299–303

Photochemistry of the furan-side 8-methoxypsoralen-thymidine monoadduct inside the DNA helix. Conversion to diadduct and to pyrone-side monoadduct. Tessman JW, et al. **Biochemistry** 1985 Mar 26;24(7):1669–76

Toroidal condensation of Z DNA and identification of an intermediate in the B to Z transition of poly(dG–m5dC) X poly(dG–m5dC). Thomas TJ, et al. **Biochemistry** 1985 Jan 29;24(3):713–9

Regulation of mouse cytochrome P3–450 by the Ah receptor. Studies with a P3–450 cDNA clone. Tukey RH, et al. **Biochemistry** 1984 Dec 4;23(25):6003–8

Diffusion–enhanced lanthanide energy–transfer study of DNA–bound cobalt(III) bleomycins: comparisons of accessibility and electrostatic potential with DNA complexes of ethidium and acridine orange. Wensel TG, et al. **Biochemistry** 1985 Jun 4;24(12):3060–9

An electro–optical study of the mechanisms of DNA condensation induced by spermine. Marquet R, et al. **Biochim Biophys Acta** 1985 Aug 21;825(4):365–74

Nucleotide sequence cleavages of manganese–bleomycin induced by reductant, hydrogen peroxide and ultraviolet light. Comparison with iron– and cobalt–bleomycins. Suzuki T, et al. **Biochim Biophys Acta** 1985 Apr 19;824(4):330–5

Site–specific DNA damage caused by lipid peroxidation products. Ueda K, et al. **Biochim Biophys Acta** 1985 Apr 19;824(4):341–8

Reversible helix/coil transitions of left–handed Z–DNA structures. Comparison of the thermodynamic properties of poly(dG).poly(dC), poly[d(G–C)].poly[d(G–C)], and poly(dG–m5dC).poly(dG–m5dC). Klump HH, et al. **Biol Chem Hoppe Seyler** 1985 Apr;366(4):345–53

X–ray scattering evidence that calf thymus DNA in solution is a double helix and not a warped zipper. Müller JJ, et al. **Biomed Biochim Acta** 1984;43(7):929–36

Mechanisms of reaction of benzo(a)pyrene–7,8–diol–9,10–epoxide with DNA in aqueous solutions. Geacintov NE, et al. **Biophys Chem** 1984 Aug;20(1–2):121–33

Interactions of nucleic acid double helices induced by electric field pulses. Porschke D, et al. **Biophys Chem** 1984 Oct;20(3):225–35

Laser Raman spectra of calf thymus chromatin and its constituents. Savoie R, et al. **Biophys J** 1985 Apr;47(4):451–9

Characterization of the fluorescence of the protamine thynnine and studies of binding to double–stranded DNA. Ausio J, et al. **Biopolymers** 1984 Nov;23(11 Pt 2):2559–71

Diffusion–controlled protein–DNA association: influence of segmental diffusion of the DNA. Berg OG. **Biopolymers** 1984 Oct;23(10):1869–89

Heavy–atom effects on energy transfer from polynucleotides to terbium (III). Burns VW. **Biopolymers** 1985 Jul;24(7):1293–300

Low–frequency lattice mode predictions in A–DNA compared to experimental observations and significance for A–to–B conformation change. Devi Prasad KV, et al. **Biopolymers** 1984 Sep;23(9):1795–8

DNA gelation in concentrated solutions. Fried MG, et al. **Biopolymers** 1984 Nov;23(11 Pt 1):2141–55

Polyelectrolyte effects on site–binding equilibria with application to the intercalation of drugs into DNA. Friedman RA, et al. **Biopolymers** 1984 Dec;23(12):2671–714

The octamers d(CGCGCGCG) and d(CGCATGCG) both crystallize as Z–DNA in the same hexagonal lattice. Fujii S, et al. **Biopolymers** 1985 Jan;24(1):243–50

Molecular mechanical studies of base–pair opening in d(CGCGC):d(GCGCG), dG5 . dC5, d(TATAT):d(ATATA), and dA5 . dT5 in the B and Z forms of DNA. Keepers J, et al. **Biopolymers** 1984 Nov;23(11 Pt 2):2499–511

Molecular–mechanical studies of the mismatched base analogs of d(CGCGAATTCGCG)2:d(CGTGAATTCGCG)2, d(CGAGAATTCGCG)2, d(CGCGAATTCACG)2, d(CGCGAATTCTCG)2, and d(CGCAGAATTCGCG).d(CGCGAATTCGCG). Keepers JW, et al. **Biopolymers** 1984 Dec;23(12):2901–29

Differential electrostatic stabilization of A–, B–, and Z–forms of DNA. Matthew JB, et al. **Biopolymers** 1984 Dec;23(12):2743–59

Interactions of molecules with nucleic acids. XII. Theoretical model for the interaction of a fragment of bleomycin with DNA. Miller KJ, et al. **Biopolymers** 1985 Jun;24(6):913–34

Sequence and conformational effects on imino proton exchange in A.T– and A.U–containing DNA and RNA duplexes. Mirau PA, et al. **Biopolymers** 1985 Apr;24(4):711–24

Potential–energy surface for double–helical DNA with Watson–Crick pairs. I. Complete scanning in the space of torsion angles. Neyfack YuA, et al. **Biopolymers** 1984 Nov;23(11 Pt 2):2419–40

Generalized Poisson–Boltzmann calculation of the distribution of electrolyte ions around the B– and Z–conformers of DNA. Pack GR, et al. **Biopolymers** 1984 Dec;23(12):2801–23

The DNA phosphate orientation. Infrared data and energetically favorable structures. Pohle W, et al. **Biopolymers** 1984 Nov;23(11 Pt 2):2603–22

Effect of anisotropic bending rigidity and finite twisting rigidity on statistical properties of DNA model filaments. Schurr JM. **Biopolymers** 1985 Jul;24(7):1233–46

Interactions of molecules with nucleic acids. XI. Generalization of techniques to generate nucleic acid structures with applications to intercalation sites and kinked structures. Taylor ER, et al. **Biopolymers** 1984 Dec;23(12):2853–78

Potential–energy surface for double–helical DNA with Watson–Crick base pairs. II. Complete energy minimization study. Tumanyan VG, et al. **Biopolymers** 1984 Nov;23(11 Pt 2):2441–71

Effect of alkylation with N–methyl–N–nitrosourea and N–ethyl–N–nitrosourea on the secondary structure of DNA. Rizvi RY, et al. **Biosci Rep** 1984 Sep;4(9):729–35

Induction of DNA damage and repair synthesis in freshly isolated rat hepatocytes by the proallatocidin precocene II. Hsia MT, et al. **Cancer Lett** 1985 Apr;26(3):311–8

Effects of structural modifications of antitumor antibiotics (luzopeptins) on the interactions with deoxyribonucleic acid. Huang CH, et al. **Cancer Res** 1985 Aug;45(8):3768–73

Single– and double–strand DNA breakage and repair in human lung adenocarcinoma cells exposed to etoposide and teniposide. Long BH, et al. **Cancer Res** 1985 Jul;45(7):3106–12

Interactions of benzo(a)pyrene diol–epoxides with linear and supercoiled DNA. MacLeod MC, et al. **Cancer Res** 1985 Jan;45(1):51–6

Rates of hydrolysis and extents of DNA binding of 5–methylchrysene dihydrodiol epoxides. Melikian AA, et al. **Cancer Res** 1985 May;45(5):1990–6

Correlations between intercalator–induced DNA strand breaks and sister chromatid exchanges, mutations, and cytotoxicity in Chinese hamster cells. Pommier Y, et al. **Cancer Res** 1985 Jul;45(7):3143–9

Direct alkylation of 2'–deoxynucleosides and DNA following in vitro reaction with acrylamide. Solomon JJ, et al. **Cancer Res** 1985 Aug;45(8):3465–70

The assessment of DNA damage and repair in rat nasal epithelial cells. Bermudez E, et al. **Carcinogenesis** 1984 Nov;5(11):1453–8

Benzo[a]pyrene–induced DNA damage in mouse fetal tissues. Bolognesi C, et al. **Carcinogenesis** 1985 Aug;6(8):1091–5

Influence of the carcinogen 4–aminobiphenyl on DNA conformation. Broyde S, et al. **Carcinogenesis** 1985 May;6(5):719–25

Base displacement in AAF–modified Z–DNA. Broyde S, et al. **Carcinogenesis** 1985 Jan;6(1):151–4

32P–postlabeling analysis of peroxisome proliferator–DNA adduct formation in rat liver in vivo and hepatocytes in vitro. Gupta RC, et al. **Carcinogenesis** 1985 Jun;6(6):933–6

Reaction mechanisms of trans–1,2–dihydroxy–anti–3,4–epoxy–1,2,3,4–tetrahydro–5 with DNA in aqueous solutions. Kim MH, et al. **Carcinogenesis** 1985 Jan;6(1):121–6

Reaction of DNA with a mutagenic 3–N,N–acetoxyacetylamino–4,6–dimethyldipyrido[1,2–a:3',d]imidazole (N–AcO–AGlu–P–3) related to glutamic acid pyrolysates. Loukakou B, et al. **Carcinogenesis** 1985 Mar;6(3):377–83

Poly ADP–ribosylation and DNA strand breakage in SV40 minichromosomes. Poirier GG, et al. **Carcinogenesis** 1985 Feb;6(2):283–7

Orotic acid, a promoter of liver carcinogenesis induces DNA damage in rat liver. Rao PM, et al. **Carcinogenesis** 1985 May;6(5):765–8

Relationship between a chromatin anomaly in ataxia–telangiectasia cells and enhanced sensitivity to DNA damage. Smith PJ. **Carcinogenesis** 1984 Oct;5(10):1345–50

Conserved sequences flank variable tandem repeats in two S–antigen genes of Plasmodium falciparum. Cowman AF, et al. **Cell** 1985 Apr;40(4):775–83

The human insulin receptor cDNA: the structural basis for hormone–activated transmembrane signalling. Ebina Y, et al. **Cell** 1985 Apr;40(4):747–58

Isolation and sequence of a cDNA encoding the major structural protein of peripheral myelin. Lemke G, et al. **Cell** 1985 Mar;40(3):501–8

Molecular cloning of cDNA for human von Willebrand factor: authentication by a new method. Lynch DC, et al. **Cell** 1985 May;41(1):49–56

The isolation and nucleotide sequence of a cDNA encoding the T cell surface protein T4: a new member of the immunoglobulin gene family. Maddon PJ, et al. **Cell** 1985 Aug;42(1):93–104

DNA–damaging activity of biotic and xenobiotic aldehydes in Chinese hamster ovary cells. Marinari UM, et al. **Cell Biochem Funct** 1984 Oct;2(4):243–8

The effects of neighboring bases on N–methyl–N–nitrosourea alkylation of DNA. Briscoe WT, et al. **Chem Biol Interact** 1984 Nov;52(1):103–10

Depurination of benzo[a]pyrene–diolepoxide treated DNA. Osborne M, et al. **Chem Biol Interact** 1985 Feb–Apr;53(1–2):183–95

Amino acid sequence diversity between bovine epidermal cytokeratin polypeptides of the basic (type II) subfamily as determined from cDNA clones. Jorcano JL, et al. **Differentiation** 1984;28(2):155–63

High specificity of the cDNA–RNase assay to detect accurate splicing in vitro. Keohavong P, et al. **DNA** 1984 Aug;3(4):331–8

DNA sequencing with direct blotting electrophoresis. Beck S, et al. **EMBO J** 1984 Dec 1;3(12):2905–9

Expression of chorionic gonadotropin alpha– and beta–genes in normal and neoplastic human tissues: relationship to deoxyribonucleic acid structure. Whitfield GK, et al. **Endocrinology** 1985 Jul;117(1):231–6

Influence of dA X dT and d(2aminoA) X dT base pairs on the B in equilibrium Z transition of DNA fragments. 1H–NMR study of d(C–G–C–A–m5C–G–T–G–m5C–G), d(m5C–G–C–A–m5C–G–T–G–C–G) and d(C–2aminoA–C–G–T–G). Cavaillès JA, et al. **Eur J Biochem** 1985 Feb 15;147(1):183–90

Presence of hormonogenic and repetitive domains in the first 930 amino acids of bovine thyroglobulin as deduced from the cDNA sequence. Mercken L, et al. **Eur J Biochem** 1985 Feb 15;147(1):59–64

Amino acid sequence of the non–collagenous globular domain (NC1) of the alpha 1(IV) chain of basement membrane collagen as derived from complementary DNA. Oberbäumer I, et al. **Eur J Biochem** 1985 Mar 1;147(2):217–24

Cloning and sequencing of a sheep metallothionein cDNA. Peterson MG, et al. **Eur J Biochem** 1984 Sep 17;143(3):507–11

Cloning and sequence analysis of human genomic DNA encoding gamma subunit precursor of muscle acetylcholine receptor. Shibahara S, et al. **Eur J Biochem** 1985 Jan 2;146(1):15–22

Nucleotide sequences of the cDNA and an intronless pseudogene for human lactate dehydrogenase–A isozyme. Tsujibo H, et al. **Eur J Biochem** 1985 Feb 15;147(1):9–15

Influence of histone H5 on mononucleosome structure during differentiation in the avian erythroid series. Haye KR, et al. **Exp Cell Res** 1985 Apr;157(2):504–10

Evidence against gamma–crystallin DNA or RNA sequences in the chicken. Tréton JA, et al. **Exp Eye Res** 1984 Oct;39(4):513–22

Footprinting of DNA secondary structure by high–intensity (laser) ultraviolet irradiation. Budowsky EI, et al. **FEBS Lett** 1985 Aug 19;188(1):155–8

Regularities in formation of the spine of hydration in the DNA minor groove and its influence on the DNA structure. Chuprina VP. **FEBS Lett** 1985 Jul 1;186(1):98–102

A simple and rapid method for sequencing DNA. Chuvpilo SA, et al. **FEBS Lett** 1985 Jan 1;179(1):34–6

Interproton distance measurements in solution for a double–stranded DNA undecamer comprising a portion of the specific target site for the cycliC AMP receptor protein in the gal operon. A nuclear Overhauser enhancement study. Clore GM, et al. **FEBS Lett** 1984 Sep 17;175(1):117–23

Fibre diffraction of lithium DNA shows structural variability and deviation from a regular helical structure for the B–form. Dutta S, et al. **FEBS Lett** 1984 Oct 15;176(1):110–4

Nucleotide sequences of cDNAs encoding precursors of human insulin–like growth factor II (IGF–II) and an IGF–II variant. Jansen M, et al. **FEBS Lett** 1985 Jan 7;179(2):243–6

Unusual frequencies of certain alternating purine–pyrimidine runs in natural DNA sequences: relation to Z–DNA. Trifonov EN, et al. **FEBS Lett** 1985 Jun 3;185(1):197–202

Sequence–specific chemical modification of a 365–nucleotide–long DNA fragment with an alkylating oligonucleotide derivative. Vlassov VV, et al. **FEBS Lett** 1985 Mar 25;182(2):415–8

DNA damage induced by asbestos in the presence of hydrogen peroxide. Kasai H, et al. **Gann** 1984 Oct;75(10):841–4

Biomimetic preparation and structure determination of QGI, one of the quinoline–DNA base adducts formed in cells treated with 4–nitroquinoline 1–oxide. Tada M, et al. **Gann** 1984 Nov;75(11):976–85

Nucleotide sequence–dependent opening of double–stranded DNA at an electrically charged surface. Jelen F, et al. **Gen Physiol Biophys** 1985 Apr;4(2):219–37

Salt and base sequence specific changes in the chiroptical properties of DNA. Kypr J, et al. **Gen Physiol Biophys** 1984 Jun;3(3):223–9

Osmium–induced alteration in DNA structure. Lukášová E, et al. **Gen Physiol Biophys** 1984 Apr;3(2):175–91

The generation of a single nick per plasmid molecule using restriction endonucleases with multiple recognition sites. Kovacs BJ, et al. **Gene** 1984 Jul–Aug;29(1–2):63–8

Left–handed Z–DNA. Rich A. **Harvey Lect** 1982–83;78:105–35

Z–form induction in DNA by carcinogenic nickel compounds: an optical spectroscopy study. Bourtayre P, et al. **IARC Sci Publ** 1984;(53):227–34

A key role for fibronectin in the sequential binding of native dsDNA and monoclonal anti–DNA antibodies to components of the extracellular matrix: its possible significance in glomerulonephritis. Lake RA, et al. **Immunology** 1985 Feb;54(2):389–95

Binding of benzo(a)pyrene to DNA in normal and vitamin A deficient rats. Dogra SC, et al. **Indian J Biochem Biophys** 1984 Apr;21(2):117–20

Perturbed gamma–gamma angular correlation studies of 111In bound to double and single stranded DNA. Kalfas CA, et al. **Int J Appl Radiat Isot** 1984 Sep;35(9):889–93

Enzymatic restriction of mammalian cell DNA: evidence for double–strand breaks as potentially lethal lesions. Bryant PE. **Int J Radiat Biol** 1985 Jul;48(1):55–60

The origin and evolution of retroposons. Rogers JH. **Int Rev Cytol** 1985;93:187–279 (631 ref.)

Immobilization of native and denatured DNA on Sephadex G200. Mykoniatis MG. **J Biochem Biophys Methods** 1985 Mar;10(5–6):321–8

Cloning and expression of a novel variant of human interferon-gamma cDNA. Nishi T, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):153-9

Extent of equilibrium perturbation of the DNA helix upon enzymatic methylation of adenine residues. Cheng SC, et al. **J Biol Chem** 1985 Jan 10;260(1):191-4

Regulation of cytochrome P-450 gene expression. Studies with a cloned probe. Ravishankar H, et al. **J Biol Chem** 1985 Feb 10;260(3):1588-92

Sequence of human asialoglycoprotein receptor cDNA. An internal signal sequence for membrane insertion. Spiess M, et al. **J Biol Chem** 1985 Feb 25;260(4):1979-82

Locations of Z-DNA in polytene chromosomes. Lancillotti F, et al. **J Cell Biol** 1985 May;100(5):1759-66

Sequence of a highly divergent beta tubulin gene reveals regional heterogeneity in the beta tubulin polypeptide. Sullivan KF, et al. **J Cell Biol** 1984 Nov;99(5):1754-60

Structural and functional analysis of a yeast centromere (CEN3). Carbon J, et al. **J Cell Sci [Suppl]** 1984;1:43-58

cDNA cloning of the nucleocapsid and nucleocapsid-associated protein genes of mumps virus. Curran JA, et al. **J Gen Virol** 1985 May;66 (Pt 5):977-85

A genetic probe for identifying bluetongue virus infections in vivo and in vitro. Roy P, et al. **J Gen Virol** 1985 Jul; 66 (Pt 7):1613-9

Multiple binding modes for Hoechst 33258 to DNA. Stokke T, et al. **J Histochem Cytochem** 1985 Apr;33(4):333-8

Chromatographic analysis of the adducts formed in DNA complexed with cis-diamminedichloroplatinum(II). Rahn RO. **J Inorg Biochem** 1984 Aug;21(4):311-21

Nucleotide sequences responsible for the thermal inducibility of the Drosophila small heat-shock protein genes in monkey COS cells. Ayme A, et al. **J Mol Biol** 1985 Apr 20;182(4):469-75

Members of the Amy-2 alpha-amylase gene family of mouse strain CE/J contain duplicated 5' termini. Bodary S, et al. **J Mol Biol** 1985 Mar 5;182(1):1-10

A base-centred explanation of the B-to-A transition in DNA. Calladine CR, et al. **J Mol Biol** 1984 Sep 25;178(3):773-82

Isolation and nucleotide sequence analysis of the beta-type globin pseudogene from human, gorilla and chimpanzee. Chang LY, et al. **J Mol Biol** 1984 Dec 25;180(4):767-84

Chromatin structure of the potential Z-forming sequence (dT-dG)n X (dC-dA)n. Evidence for an 'alternating-B' conformation. Gross DS, et al. **J Mol Biol** 1985 May 25; 183(2):251-65

Co-ordinate control of gene expression. Muscle-specific 7 S RNA contains sequences homologous to 3'-untranslated regions of myosin genes and repetitive DNA. Khandekar P, et al. **J Mol Biol** 1984 Dec 15;180(3):417-35

Three expressed sequences within the human beta-tubulin multigene family each define a distinct isotype. Lewis SA, et al. **J Mol Biol** 1985 Mar 5;182(1):11-20

Long poly(A) tracts in the human genome are associated with the Alu family of repeated elements. Lustig AJ, et al. **J Mol Biol** 1984 Dec 15;180(3):753-9

DNA sequences complementary to human 7 SK RNA show structural similarities to the short mobile elements of the mammalian genome. Murphy S, et al. **J Mol Biol** 1984 Aug 25;177(4):575-90

DNAase I hypersensitive sites may be correlated with genomic regions of large structural variation. Nussinov R, et al. **J Mol Biol** 1984 Aug 25;177(4):591-607

Evolution of the primate beta-globin gene region. High rate of variation in CpG dinucleotides and in short repeated sequences between man and chimpanzee. Savatier P, et al. **J Mol Biol** 1985 Mar 5;182(1):21-9

Statistical mechanics of DNA topoisomers. The helical worm-like chain. Shimada J, et al. **J Mol Biol** 1985 Jul 20;184(2):319-29

Dispersal process associated with the L1 family of interspersed repetitive DNA sequences. Voliva CF, et al. **J Mol Biol** 1984 Oct 5;178(4):795-813

Mammalian DNA enriched for replication origins is enriched for snap-back sequences. Zannis-Hadjopoulos M, et al. **J Mol Biol** 1984 Nov 15;179(4):577-86

Order and disorder in biophysical systems: a study of the correlation between structure and function of DNA. Balanovski E, et al. **J Theor Biol** 1985 May 7;114(1):21-33

Apparent stereochemical complementarity of estrogens and helical cavities between DNA base pairs: implications for the mechanism of action of steroids. Bransome ED Jr, et al. **J Theor Biol** 1985 Jan 7;112(1):97-108

Cyclic permutations in the genetic code, the 4 x 4 magic square and the antiparallelism of DNA. Reiner BS. **J Theor Biol** 1984 Oct 21;110(4):681-90

A three-dimensional representation for base composition of protein-coding DNA sequences. Rowe GW. **J Theor Biol** 1985 Jan 21;112(2):433-44

Epigenetic carcinogens: problems with identification and risk estimation. Hooper K. **J Toxicol Clin Toxicol** 1984; 22(3):283-9

Diagnosis of rotavirus infection with cloned cDNA copies of viral genome segments. Lin M, et al. **J Virol** 1985 Aug; 55(2):509-12

DNA in medicine. Human perfectibility. Rose S. **Lancet** 1984 Dec 15;2(8416):1380-3

DNA in medicine. Agricultural production. Swaminathan MS. **Lancet** 1984 Dec 8;2(8415):1329-32

DNA in medicine. Human genetics. White RL. **Lancet** 1984 Dec 1;2(8414):1257-62

Reaction of mutagenic phenacetin metabolites with glutathione and DNA. Possible implications for toxicity. Mulder GJ, et al. **Mol Pharmacol** 1984 Sep;26(2):342-7

Genotoxicity studies with paracetamol. Dybing E, et al. **Mutat Res** 1984 Oct;138(1):21-32

Rapid detection of DNA-damaging agents using repair-deficient CHO cells. Hoy CA, et al. **Mutat Res** 1984 Oct;130(5):321-32

Genotoxic effects and DNA photoadducts induced in Chinese hamster V79 cells by 5-methoxypsoralen and 8-methoxypsoralen. Papadopoulo D, et al. **Mutat Res** 1985 Sep;151(2):281-91

Degradation of DNA by silicic acid. Rahman Q, et al. **Mutat Res** 1984 Sep;141(1):1-5

In vitro characterization of the reaction of four psoralen derivatives with DNA. Isaacs ST, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:21-30

In vitro photoreactions of selected psoralens and methylangelicins with DNA, RNA, and proteins. Rodighiero G, et al. **Natl Cancer Inst Monogr** 1984 Dec; 66:31-40 (62 ref.)

CG doublet difficulties in vertebrate DNA [letter] **Nature** 1985 Feb 7-13;313(6002):437-8

Improved timing of hominoid evolution with a DNA clock [news] Andrews P. **Nature** 1985 Apr 11-17;314(6011):498-9

High-resolution structure of a DNA helix containing mismatched base pairs. Brown T, et al. **Nature** 1985 Jun 13-19;315(6020):604-6

Simpler DNA sequence representations [letter] Gates MA. **Nature** 1985 Jul 18-24;316(6025):219

DNA bending induced by cruciform formation. Gough GW, et al. **Nature** 1985 Jan 10-18;313(5998):154-6

Novel DNA sequence representations [letter] Hamori E. **Nature** 1985 Apr 18-24,314(6012):585-6

Cloning and sequence analysis of a cDNA for rat transforming growth factor-alpha. Lee DC, et al. **Nature** 1985 Feb 7-13;313(6002):489-91

Detection of single base substitutions in total genomic DNA. Myers RM, et al. **Nature** 1985 Feb 7-13;313(6002):495-8

Isolation and characterization of a cDNA clone encoding the murine homologue of the human 20K T3/T-cell receptor glycoprotein. van den Elsen P, et al. **Nature** 1985 Apr 11-17;314(6011):542-4

Base-base mismatches. Thermodynamics of double helix formation for dCA3XA3G + dCT3YT3G (X, Y = A,C,G,T). Aboul-ela F, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4811-24

The complete sequence of a full length cDNA for human liver glyceraldehyde-3-phosphate dehydrogenase: evidence for multiple mRNA species. Arcari P, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):9179-89

Alteration of the DNA double helix conformation upon incorporation of mispairs as revealed by energy computations and pathways of point mutations. Chuprina VP, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):141-54

Influence of uracil defect on DNA structure: 1H NMR investigation at 500 MHz. Delort AM, et al. **Nucleic Acids Res** 1985 May 10;13(9):3343-55

The infrared spectrum and structure of the type I complex of silver and DNA. DiRico DE Jr, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):251-60

Structural junctions in DNA: the influence of flanking sequence on nuclease digestion specificities. Drew HR, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4445-67

Helix opening in deoxyribonucleic acid from a proton nuclear magnetic resonance study of imino and amino protons in d(CG)3. Fazakerley GV, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8269-79

Infrared linear dichroism of oriented DNA-ligand complexes prepared with the wet-spinning method. Fritzsche H, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):9165-77

Molecular recognition of B-DNA by Hoechst 33258. Harshman KD, et al. **Nucleic Acids Res** 1985 Jul 11; 13(13):4825-35

Conformational changes induced in DNA by the in vitro reaction with the mutagenic amine: 3-N,N-acetoxyacetylamino-4,6-dimethyldipyrido (1,2-a: 3', 2'-d) imidazole. Hébert E, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8553-66

Carbon-13 NMR in conformational analysis of nucleic acid fragments. 4. The torsion angle distribution about the C3'-O3' bond in DNA constituents. Lankhorst PP, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):927-42

Effect of B-Z transition and nucleic acid structure on the conformational dynamics of bound ethidium dimer measured by hydrogen deuterium exchange kinetics. Markovits J, et al. **Nucleic Acids Res** 1985 May 24; 13(10):3773-88

Sequence specific damage of DNA induced by reducing sugars. Morita J, et al. **Nucleic Acids Res** 1985 Jan 25; 13(2):449-58

Studies on the conformation and dynamics of the C8-substituted guanine adduct of the carcinogen acetylaminofluorene; model for a possible Z-DNA modified structure. Neidle S, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8219-33

DNA-binding of water-soluble furocoumarins: a thermodynamic and conformational approach to understanding different biological effects. Palumbo M, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8567-78

Electron microscopic measurement of chain flexibility of poly(dG-dC).poly(dG-dC) modified by cis-diamminedichloroplatinum(II). Revet B, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8349-62

Evidence for sequence-specific conformational changes in DNA from the melting temperatures of DNA phosphorothioate derivatives. Suggs JW, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5707-16

Duplex-hairpin transitions in DNA: NMR studies on CGCGTATACGCG. Wemmer DE, et al. **Nucleic Acids Res** 1985 May 24;13(10):3755-72

HhaI methylase and restriction endonuclease as probes for B to Z DNA conformational changes in d(GCGC) sequences. Zacharias W, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7677-92

2-Aminodipyrido[1,2-a:3',2'-d]imidazole-porphyrin(Fe) derivatives as sequence specific DNA cleaving reagents. Hashimoto Y, et al. **Nucleic Acids Symp Ser** 1984;(15):157-9

Sequence-dependant polymorphism of DNA duplex in solutions. Nishimura Y, et al. **Nucleic Acids Symp Ser** 1984; (15):147-50

On the thymine-neighbor base short contacts in A-form of DNA. Takeda Y. **Nucleic Acids Symp Ser** 1984;(15):185-8

Biological and chemical properties of left handed Z-DNA. Wells RD. **Nucleic Acids Symp Ser** 1984;(15):165-7

Electrophoretic separation of furocoumarin: DNA photoadducts. Calvin NM, et al. **Photochem Photobiol** 1984 Aug;40(2):161-70

The interaction of bisbenzimide with DNA. Giartosio A, et al. **Physiol Chem Phys Med NMR** 1984;16(6):481-90

Directional cloning of DNA fragments at a large distance from an initial probe: a circularization method. Collins FS, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6812-6

Sequences homologous to P elements occur in Drosophila paulistorum. Daniels SB, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6794-7

Nonrandom binding of the carcinogen N-hydroxy-2-acetylaminofluorene to repetitive sequences of rat liver DNA in vivo. Gupta RC. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6943-7

Condensation of nucleic acids by intercalating aromatic cations. Kapuscinski J, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7363-72

Comparative statistics for DNA and protein sequences: single sequence analysis. Karlin S, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5800-4

The molecular origin of DNA-drug specificity in netropsin and distamycin. Kopka ML, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1376-80

Characterization of the genes specifying two metacyclic variable antigen types in Trypanosoma brucei rhodesiense. Lenardo MJ, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(21):6642-6

Covalent bond formation between a DNA-cytosine methyltransferase and DNA containing 5-azacytosine. Santi DV, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(22):6993-7

Genomic structure and possible retroviral origin of the chicken CR1 repetitive DNA sequence family. Stumph WE, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(21):6667-71

Crystal structure of Z-DNA without an alternating purine-pyrimidine sequence. Wang AH, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3611-5

Sequence-specific recognition of B-DNA by oligo(N-methylpyrrolecarboxamide)s. Youngquist RS, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2565-9

Molecular basis of cancer. Part A: macromolecular structure, carcinogens, and oncogenes. Proceedings of the conference, Buffalo, New York, May 30-June 2, 1984. **Prog Clin Biol Res** 1985;172A:1-576

Molecular basis of cancer. Part B: macromolecular recognition, chemotherapy, and immunology. Proceedings of the conference, Buffalo, New York, May 30-June 2, 1984. **Prog Clin Biol Res** 1985;172B:1-401

Platinum(IV) antitumor agents. Blatter EE, et al. **Prog Clin Biol Res** 1985;172B:185-91

NMR studies of carcinogen-modified DNA model compounds. Box HC, et al. **Prog Clin Biol Res** 1985; 172A:199-206

DNA interactive porphyrins: metalloporphyrin derivatives. Fiel RJ, et al. **Prog Clin Biol Res** 1985;172B:215-26

On the origin of sequence dependent structural changes in DNA. Kothekar V, et al. **Prog Clin Biol Res** 1985; 172B:15-23

Footprinting analysis as a means of quantitating antitumor drug-DNA interactions. Lane MJ, et al. **Prog Clin Biol Res** 1985;172B:145-53

Studies of the dependence of the internal energy of DNA on its conformation. Lavery R, et al. **Prog Clin Biol Res** 1985;172B:3-13

Flexibility of nucleic acid bases and its possible relationship with carcinogenesis. Mishra PC. **Prog Clin Biol Res** 1985; 172B:45-52

Structural studies on sequence selectivity in drug-nucleic acid interactions. Neidle S, et al. **Prog Clin Biol Res** 1985; 172B:135-44

Theoretical studies of perturbed nucleic acid structures. Olson WK, et al. **Prog Clin Biol Res** 1985;172A:109-21

Peptide-nucleic acid interactions: possible recognition determinants of Eco RI endonuclease. Poulsen M, et al. **Prog Clin Biol Res** 1985;172B:77-90

Control of base-pair stability by H-bond interactions with proteins. Sarai A. **Prog Clin Biol Res** 1985;172B:37-43

Interaction between benzene and DNA bases: a model of intercalation. Scheiner S, et al. **Prog Clin Biol Res** 1985; 172B:53–63

X-ray studies on the interaction of the anticancer agent cis-[Pt(NH3)2cl2] to tRNAphe. A mechanism for the formation of the intrastrand cross-link to adjacent guanines in DNA. Sundaralingam M, et al. **Prog Clin Biol Res** 1985; 172B:175–84

Some electrostatic aspects of the interaction between DNA or lipids and WR-2721 or its metabolite WR-1065. Vasilescu D, et al. **Prog Clin Biol Res** 1985;172A:525–36

Variation of double-helix stability along DNA molecular thread and its biological implications: homostabilizing propensity of gene double-helix. Wada A, et al. **Prog Clin Biol Res** 1985;172A:37–46

Biological and chemical properties of left handed Z-DNA. Wells RD. **Prog Clin Biol Res** 1985;172A:47–53

The reaction of the psoralens with deoxyribonucleic acid. Hearst JE, et al. **Q Rev Biophys** 1984 Feb;17(1):1–44 (44 ref.)

Effect of intercellular contact on DNA conformation, radiation-induced DNA damage, and mutation in Chinese hamster V79 cells. Olive PL, et al. **Radiat Res** 1985 Jan; 101(1):94–101

Transition from B to Z DNA: contribution of internal fluctuations to the configurational entropy difference. Irikura KK, et al. **Science** 1985 Aug 9;229(4713):571–2

DNA reveals surprises in human family tree [news] Lewin R. **Science** 1984 Dec 7;226(4679):1179–82

Adriamycin-induced DNA damage mediated by mammalian DNA topoisomerase II. Tewey KM, et al. **Science** 1984 Oct 26;226(4673):466–8

Human GM-CSF: molecular cloning of the complementary DNA and purification of the natural and recombinant proteins. Wong GG, et al. **Science** 1985 May 17; 228(4701):810–5

The usefulness of viscometric analysis for detecting minimal levels DNA fragmentation. Brambilla G, et al. **Toxicol Pathol** 1984;12(3):291–4

[Preparation of DNA-fibrin] Yang SX. **Sheng Li Ko Hsueh Chin Chan** 1984 Jan;15(1):95–6 **(Chi)**

[A left-handed helix molecular model of C-DNA in agreement with fiber X-ray and infrared] Premilat S, et al. **C R Acad Sci [III]** 1985;300(6):195–8 (Eng. Abstr.) **(Fre)**

[Optimization of liquid scintillation counting by using multichannel pulse-height analyzer] Ito N, et al. **Radioisotopes** 1984 Aug;33(8):539–42 (Eng. Abstr.) **(Jpn)**

[DNA conformation and thermostability of aqueous solutions of beta-alanine and gamma-aminobutyric acid] Aslanian VM, et al. **Biofizika** 1984 Jul–Aug;29(4):564–8 (Eng. Abstr.) **(Rus)**

[Theory of the toroidal compact form of DNA in a polymer solution] Grosberg AIu, et al. **Biofizika** 1985 Mar–Apr; 30(2):233–8 (Eng. Abstr.) **(Rus)**

[Changes in the circular dichroism spectra and melting parameters of complexes of histones with DNA of different GC-composition] Vardevanian PO, et al. **Biofizika** 1985 Mar–Apr;30(2):347–8 (Eng. Abstr.) **(Rus)**

[Interaction of DNA and hydrogen peroxide. A method of localizing pyrimidine bases in DNA] Sverdlov ED, et al. **Bioorg Khim** 1983 Dec;9(12):1696–8 (Eng. Abstr.) **(Rus)**

[Interaction of DNA with N-bromosuccinimide. G+C-specific reaction potentially useful for structural and functional studies] Sverdlov ED, et al. **Bioorg Khim** 1983 Apr;9(4):561–3 (Eng. Abstr.) **(Rus)**

[DNA-phospholipid interaction. 31P-NMR study] Viktorov AV, et al. **Bioorg Khim** 1984 Jul;10(7):935–9 (Eng. Abstr.) **(Rus)**

[Effect of heparin on DNA] Paponov VD, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):298–301 (Eng. Abstr.) **(Rus)**

[Thermal denaturation of DNA in concentrated salt-free solutions: comparison of microcalorimetric and spectrophotometric data] Akhrem AA, et al. **Mol Biol (Mosk)** 1985 May–Jun;19(3):623–8 (Eng. Abstr.) **(Rus)**

[Study of cooperative transitions in DNA using phase diagrams] Ivanov VI, et al. **Mol Biol (Mosk)** 1985 Mar–Apr;19(2):390–9 (Eng. Abstr.) **(Rus)**

[Interaction of immobilized DNA with alkaline metal and ammonium ions] Kuznetsov IA, et al. **Mol Biol (Mosk)** 1984 Nov–Dec;18(6):1583–9 (Eng. Abstr.) **(Rus)**

[Cooperation effects in binding of large ligands to DNA. II. Contact interactions between adsorbed ligands] Nechipurenko IuD. **Mol Biol (Mosk)** 1984 Jul–Aug; 18(4):1066–80 (Eng. Abstr.) **(Rus)**

[Classical and non-classical DNA conformations] Neifakh IuA, et al. **Mol Biol (Mosk)** 1985 Mar–Apr;19(2):406–11 (Eng. Abstr.) **(Rus)**

[Rheological properties of salt-free solutions of H+- and Na+-DNA] Paponov VD, et al. **Mol Biol (Mosk)** 1984 Nov–Dec;18(6):1538–48 (Eng. Abstr.) **(Rus)**

[Mechanism of hydrogen exchange in DNA] Pechenaia VI, et al. **Mol Biol (Mosk)** 1984 Jul–Aug;18(4):1134–40 (Eng. Abstr.) **(Rus)**

[Anisotropic flexibility of DNA depends on the base sequence. Conformation calculations of double-stranded tetranucleotides AAAA:TTTT, (AATT)2, (TTAA)2, GGGG:CCCC, (GGCC)2, (CCGG)2] Ul'ianov NB, et al. **Mol Biol (Mosk)** 1984 Nov–Dec;18(6):1664–85 (Eng. Abstr.) **(Rus)**

[Conformation characteristics of biopolymers] Varshavskii IaM. **Mol Biol (Mosk)** 1985 Jan–Feb;19(1):230–47 (79 ref.) (Eng. Abstr.) **(Rus)**

[Interaction of formaldehyde with nucleic acids and their structural components in the presence of amines. II. Structure of adenine derivatives formed in the reaction with formaldehyde and primary amine] Volkov VS, et al. **Mol Biol (Mosk)** 1985 May–Jun;19(3):693–701 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Entrapment of DNA and fluorescent compounds in erythrocyte carriers by endocytosis. Ihler MG. **Bibl Haematol** 1985;(51):127–33

RBC-mediated microinjection of chromatin components into cultured mammalian cells. Rechsteiner M, et al. **Bibl Haematol** 1985;(51):142–9

Factors affecting the efficiency of introducing foreign DNA into mice by microinjecting eggs. Brinster RL, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4438–42

Targeting of daunorubicin by association with DNA or proteins: a review. Trouet A, et al. **Semin Oncol** 1984 Dec; 11(4 Suppl 3):64–72 (37 ref.)

ANALOGS & DERIVATIVES

RNase A effects on sedimentation and DNA binding properties of dexamethasone-receptor complexes from HeLa cell cytosol. Rossini GP. **J Steroid Biochem** 1985 Jan;22(1):47–56

ANALYSIS

Cytofluorometric determination of nuclear DNA in plant cells using auramine O. Cíhalíková J, et al. **Acta Histochem (Jena)** 1985;76(2):151–6

DNA content in reactive hyperplasia, precancerosis, and carcinomas of the oral cavity. A cytophotometric study. Doseva D, et al. **Acta Histochem (Jena)** 1984;75(2):113–9

Fluorescence microscopical hybridocytochemistry. Bauman JG. **Acta Histochem [Suppl] (Jena)** 1985;31:9–18

Relationship between myometrial cyclic nucleotide phosphodiesterase (PDE) activity and the RNA/DNA ratio at various stages of gestation in primates. Ferre F, et al. **Acta Physiol Hung** 1985;65(4):433–41

Long lasting changes in gerbil brain after chronic ethanol exposure: a quantitative study of the glial cell marker S-100 and DNA. Rosengren LE, et al. **Alcoholism (NY)** 1985 Mar–Apr;9(2):109–13

Hemoglobin Miyada: DNA analysis of the anti-Lepore beta delta fusion gene. Driscoll MC, et al. **Am J Hematol** 1984; 17(4):355–62

Two arrangements of the human fetal globin genes may be responsible for high G gamma values in Chinese newborns: -G gamma-G gamma-delta-beta and -G gamma-A gamma G gamma-A gamma-delta-beta. Harano T, et al. **Am J Hematol** 1985 Aug;19(4):349–53

Gene mapping of Malaysian alpha thalassemias with alpha and zeta globin gene probes. Lie-Injo LE, et al. **Am J Hematol** 1985 Mar;18(3):289–96

Effect of hypokinesia and hypodynamia on protein, RNA, and DNA in rat hindlimb muscles. Steffen JM, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R728–32

Detection of Plasmodium falciparum using a synthetic DNA probe. McLaughlin GL, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):837–40

Analysis of products of DNA modification by methylases: a procedure for the determination of 5- and N4-methylcytosines in DNA. Butkus VV, et al. **Anal Biochem** 1985 Jul;148(1):194–8

Quantitation of chemically induced DNA strand breaks in human cells via an alkaline unwinding assay. Daniel FB, et al. **Anal Biochem** 1985 Feb 1;144(2):390–402

Propidium iodide and S1 nuclease: tools for studying DNA reassociation kinetics. Davies W, et al. **Anal Biochem** 1985 May 1;146(2):423–8

Application of capillary gas chromatography-mass spectrometry to chemical characterization of radiation-induced base damage of DNA: implications for assessing DNA repair processes. Dizdaroglu M. **Anal Biochem** 1985 Feb 1;144(2):593–603

Direct determination of uracil in [32P,uracil-3H]poly(dA.dT) and bisulfite-treated phage PM2 DNA. Green DA, et al. **Anal Biochem** 1984 Nov 1;142(2):497–503

Fluorographic detection of [3H]thymidine-labeled deoxyribonucleic acid using agarose gels infused with 2,5-diphenyloxazole prior to electrophoresis. Ludlow JW, et al. **Anal Biochem** 1985 Feb 15;145(1):212–5

A densitometric nondestructive microassay for DNA quantitation. Moore SP, et al. **Anal Biochem** 1985 Jan; 144(1):15–9

Quantitation of protein and DNA in silver-stained agarose gels. Peats S. **Anal Biochem** 1984 Jul;140(1):178–82

Automated determination of DNA using the fluorochrome Hoechst 33258. Sterzel W, et al. **Anal Biochem** 1985 Jun; 147(2):462–7

Detection and measurement by high-performance liquid chromatography of malondialdehyde crosslinks in DNA. Summerfield FW, et al. **Anal Biochem** 1984 Dec; 143(2):265–71

Platinum determination in cis-dichlorodiammineplatinum(II)—DNA complexes by differential pulse polarography. Vrána O, et al. **Anal Biochem** 1984 Oct;142(1):16–23

A simplified in situ solubilization procedure for the determination of DNA and cell number in tissue cultured mammalian cells. West DC, et al. **Anal Biochem** 1985 Jun; 147(2):289–95

Site-specific analysis of drug interactions and damage in DNA using sequencing techniques. Wilkins RJ. **Anal Biochem** 1985 Jun;147(2):267–79 (72 ref.)

Reverse-phase polystyrene column for purification and analysis of DNA oligomers. Ikuta S, et al. **Anal Chem** 1984 Oct;56(12):2253–6

Rapid diagnostic DNA cytometry with an automatic microscope and a TV image-analysis system. Auffermann W, et al. **Anal Quant Cytol** 1984 Sep;6(3):179–88

Some practical considerations in quantitative absorbance microspectrophotometry. Preparation techniques in DNA cytophotometry. Mikel UV, et al. **Anal Quant Cytol Histol** 1985 Jun;7(2):107–18

DNA analysis as clinical investigation: when and how? Jeanpierre M, et al. **Ann Genet (Paris)** 1984;27(3):134–47 (94 ref.)

DNA analysis in patients with hereditary fructose intolerance. Grégori C, et al. **Ann Hum Genet** 1984 Oct; 48 (Pt 4):291–6

Cytometric analysis of shape and DNA content in mammalian sperm. Gledhill BL. **Ann NY Acad Sci** 1984;438:189–205

Trypanosoma cruzi induces changes in the nucleic acids content of host Hela cells 'in vitro'. Jimenez-Ortiz A, et al. **Ann Parasitol Hum Comp** 1984;59(6):573–81

Cytogenetic characterization and DNA content analysis of Ad 2-transformed rat embryo brain cells. Arden KC, et al. **Anticancer Res** 1984 Nov–Dec;4(6):367–74

Intercalation of water molecules between nucleic acid bases in the crystal structures of 6-azathymine hemihydrate and 5-amino-2-thiocytosine dihydrochloride dihydrate. Srikrishnan T, et al. **Arch Biochem Biophys** 1985 May 15; 239(1):38–45

Analys. DNA: a computer program for nucleic acid sequence data processing. Amthauer R, et al. **Arch Biol Med Exp (Santiago)** 1984 Sep;17(1):15–9

DNA flow cytometry: a new technique for rapid analysis of cell-cycle kinetics in human anagen hairs. Deinlein E, et al. **Arch Dermatol Res** 1985;277(4):337–9

Peptide alignment of the porcine 21-hydroxylase cytochrome P-450 using a cDNA sequence of the corresponding bovine enzyme. Bienkowski MJ, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):734–40

DNA sequence for cloned cDNA for murine amelogenin reveal the amino acid sequence for enamel-specific protein. Snead ML, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):812–8

Molecular cloning and characterization of a cDNA clone for a protein specifically expressed in embryo as well as in a chemically induced pancreatic B cell tumor of rat. Soma G, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):164–71

Partial cDNA sequence of the gamma subunit of transducin. Van Dop C, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):250–5

Variations in the organization of human genomic DNA segments containing H1 histone genes. Zwollo P, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):988–93

Functional relationship of ammonia with RNA, DNA, and protein in rat muscle. Ghori MI, et al. **Biochem Med** 1985 Jun;33(3):284–90

Binding of sanguinarine to deoxyribonucleic acids of differing base composition. Nandi R, et al. **Biochem Pharmacol** 1985 Feb 1;34(3):321–4

Distribution of 5-methyldeoxycytidine in products of staphylococcal nuclease digestion of nuclei and purified DNA. Barr FG, et al. **Biochemistry** 1985 Mar 12; 24(6):1424–8

Structure of the 3' portion of the bovine elastin gene. Cicila G, et al. **Biochemistry** 1985 Jun 18;24(13):3075–80

Acid lability of the hydrocarbon-deoxyribonucleoside linkages in 7,12-dimethylbenz[a]anthracene-modified deoxyribonucleic acid. Dipple A, et al. **Biochemistry** 1985 Apr 23;24(9):2291–8

Contribution of histones H2A and H2B to the folding of nucleosomal DNA. Jordano J, et al. **Biochemistry** 1984 Sep 11;23(19):4285–9

Primary structure of human preangiotensinogen deduced from the cloned cDNA sequence. Kageyama R, et al. **Biochemistry** 1984 Jul 31;23(16):3603–9

Complete sequence of the cDNA for human alpha 1-antitrypsin and the gene for the S variant. Long GL, et al. **Biochemistry** 1984 Oct 9;23(21):4828–37

23Na NMR relaxation study of the effects of conformation and base composition on the interactions of counterions with double-helical DNA. Nordenskiöld L, et al. **Biochemistry** 1984 Sep 11;23(19):4309–17

Characterization of VP-16-induced DNA damage in isolated nuclei from L1210 cells. Glisson BS, et al. **Biochim Biophys Acta** 1984 Oct 5;783(1):74–9

Replication pattern of human repeated DNA sequences. Meneveri R, et al. **Biochim Biophys Acta** 1984 Oct 5; 783(1):53–9

Cloning and sequence analysis of a cDNA for the alpha-globin mRNA of carp, Cyprinus carpio. Takeshita S, et al. **Biochim Biophys Acta** 1984 Dec 14;783(3):265–71

Cloning and sequence analysis of the cDNA encoding a snake neurotoxin precursor. Tamiya T, et al. **Biochimie** 1985 Feb;

67(2):185–9

Double-beam autocompensation for fluorescence polarization measurements in flow cytometry. Beisker W, et al. **Biophys J** 1985 May;47(5):607–12

Quantitative analysis of nucleic acids, proteins, and viruses by Raman band deconvolution. Thomas GJ Jr, et al. **Biophys J** 1984 Dec;46(6):763–8

Prognostic implications of tumor cell DNA and RNA content in multiple myeloma. Barlogie B, et al. **Blood** 1985 Aug;66(2):338–41

DNA content of human semen—an objective measurement of sperm density. Badenoch DF, et al. **Br J Urol** 1985 Apr;57(2):230–2

Hypothalamic deoxyribonucleases and DNA content during development of the androgenized female rat. Litteria M. **Brain Res** 1985 Feb;350(1–2):297–300

Effects of neonatal methylmercury exposure on development of nucleic acids and proteins in rat brain: regional specificity. Slotkin TA, et al. **Brain Res Bull** 1985 May;14(5):397–400

Prognostic significance of nuclear DNA content in small cell carcinoma of the lung. Abe S, et al. **Cancer** 1985 Oct 15;56(8):2025–30

Diagnosis and grading of malignancy in squamous epithelial lesions of the larynx with DNA cytophotometry. Böcking A, et al. **Cancer** 1985 Oct 1;56(7):1600–4

Flow cytometric analysis of DNA content in human bladder tumors and irrigation fluids. Chin JL, et al. **Cancer** 1985 Oct 1;56(7):1677–81

The diagnostic value of flow cytometric DNA measurements in follicular tumors of the thyroid gland. Greenebaum E, et al. **Cancer** 1985 Oct 15;56(8):2011–8

Preservation of cytometric DNA distribution and epithelial marker expression after tumor progression of human large bowel carcinomas. Rognum TO, et al. **Cancer** 1985 Oct 1;56(7):1658–66

Reaction potentials of the constituent bases of DNA and the effects of base stacking. Klopman G, et al. **Cancer Biochem Biophys** 1985 Feb;7(4):275–90

Photometric studies on nuclear DNA content and area in different laryngeal epithelia. Hellquist H, et al. **Cancer Detect Prev** 1984;7(4):275–7

Convention on nomenclature for DNA cytometry. Committee on Nomenclature, Society for Analytical Cytology. Hiddemann W, et al. **Cancer Genet Cytogenet** 1984 Oct;13(2):181–3

Molecular and cytologic analysis of DNA amplification in retinoblastoma. Sakai K, et al. **Cancer Genet Cytogenet** 1985 Jun;17(2):95–112

Characterization of dihydrofolate reductase-related DNA and RNA from human KB cell subclones containing different amounts of enzyme. Bouchard J, et al. **Cancer Res** 1985 Apr;45(4):1717–22

DNA amplification and tumorigenicity of the human melanoma cell line MeWo. Shtromas I, et al. **Cancer Res** 1985 Feb;45(2):642–7

Selective isolation of domains of chromatin proximal to both carcinogen-induced DNA damage and poly-adenosine diphosphate-ribosylation. Thraves PJ, et al. **Cancer Res** 1985 Jan;45(1):386–91

Viscometric detection of liver DNA fragmentation in rats treated with ten aromatic amines. Discrepancies with results provided by the alkaline elution technique. Brambilla G, et al. **Carcinogenesis** 1985 Sep;6(9):1285–8

Higher sensitivity for the detection of chemically-induced DNA damage: role of DNA unfolding in determining alkaline elution rate. Nicolini C, et al. **Carcinogenesis** 1985 Mar;6(3):385–9

A cellular gene encodes scrapie PrP 27–30 protein. Oesch B, et al. **Cell** 1985 Apr;40(4):735–46

Cytophotometric comparisons of DNA levels in neuronal and glial cells of the cerebellum: a comparative study. Lee GM, et al. **Cell Biochem Funct** 1984 Oct;2(4):225–36

Analysis of DNA distributions from flow cytometry. Validation of an automatic procedure against simulated data. Bruni C, et al. **Cell Biophys** 1984 Jun;6(2):67–86

Packaged DNA. An elastic model. Manning GS. **Cell Biophys** 1985 Mar;7(1):57–89 (58 ref.)

Deoxyribonucleic acid modification by mutagenic 3-amino-1-methyl-5H-pyrido[4,3-b]indole: the chemical events. Hashimoto Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4300–8

Specific silver staining of experimentally undercondensed chromosome regions. Haaf T, et al. **Chromosoma** 1984;90(2):149–55

Crystallin genes: templates for lens transparency. Piatigorsky J, et al. **Ciba Found Symp** 1984;106:191–207

Use of DNA immobilized on plastic and agarose supports to detect DNA by sandwich hybridization. Polsky-Cynkin R, et al. **Clin Chem** 1985 Sep;31(9):1438–43

Cellular DNA content of T helper, T suppressor and B lymphocytes in SLE. Surányi P, et al. **Clin Exp Immunol** 1984 Oct;58(1):37–41

Microcomputer experience in analysis of flow cytometric DNA distributions. Ubezio P. **Comput Programs Biomed** 1985;19(2–3):159–66

Calculation of S-phase numbers of four major cell categories in human bone marrow from DNA-flow cytometry and counterflow centrifugation data. Beumer T, et al. **Cytometry** 1984 Sep;5(5):494–500

A method to estimate the DNA content of whole nuclei from measurements made on thin tissue sections. Bins M, et al. **Cytometry** 1985 May;6(3):234–7

A method for simultaneous nuclear immunofluorescence and DNA content quantitation using monoclonal antibodies and flow cytometry. Clevenger CV, et al. **Cytometry** 1985 May;6(3):208–14

Preparative dual-beam sorting of the human Y chromosome and in situ hybridization of cloned DNA probes. Cremer C, et al. **Cytometry** 1984 Nov;5(6):572–9

DNA flow cytometry of paraffin-embedded tissue [letter] Hedley DW, et al. **Cytometry** 1984 Nov;5(6):660

Flow cytometry of postmortem human testicular tissue in cases of atherosclerosis. Klein R, et al. **Cytometry** 1984 Nov;5(6):636–43

Estimation of nonproliferating cells in the neural retina of embryonic chicks by flow cytometry. Morris VB, et al. **Cytometry** 1985 Jul;6(4):375–80

Quantitation of cell kinetic responses using simultaneous flow cytometric measurements of DNA and nuclear protein. Pollack A, et al. **Cytometry** 1984 Sep;5(5):473–81

DNase I sensitivity of nuclear DNA measured by flow cytometry. Roti Roti JL, et al. **Cytometry** 1985 Mar;6(2):101–8

Flow cytometric determination of DNA ploidy level in nuclei isolated from paraffin-embedded tissue. Schutte B, et al. **Cytometry** 1985 Jan;6(1):26–30

DNA analysis and sorting of rat testis cells using two-parameter flow cytometry. van Kroonenburgh MJ, et al. **Cytometry** 1985 Jul;6(4):321–6

Flow cytometric fluorescence emission spectrum analysis of Hoechst-33342-stained DNA in chicken thymocytes. Watson JV, et al. **Cytometry** 1985 Jul;6(4):310–5

Safety issues relating to the use of mammalian cells as hosts. Petricciani JC. **Dev Biol Stand** 1985;59:149–53

Constancy of DNA organization of polymorphic and nonpolymorphic genes during development in Xenopus. Okada A, et al. **Differentiation** 1985;29(1):14–9

Relative contribution of Peyer's patches to intestinal DNA content and tritiated thymidine content of the mouse small intestine. Goodlad RA, et al. **Digestion** 1984;30(4):251–4

Sequencing of laminin B chain cDNAs reveals C-terminal regions of coiled-coil alpha-helix. Barlow DP, et al. **EMBO J** 1984 Oct;3(10):2355–62

The glyceraldehyde 3 phosphate dehydrogenase gene family: structure of a human cDNA and of an X chromosome linked pseudogene; amazing complexity of the gene family in mouse. Hanauer A, et al. **EMBO J** 1984 Nov;3(11):2627–33

Relaxin gene expression in human ovaries and the predicted structure of a human preprorelaxin by analysis of cDNA clones. Hudson P, et al. **EMBO J** 1984 Oct;3(10):2333–9

The use of multiple alphabets in kappa-gene immunoglobulin DNA sequence comparisons. Karlin S, et al. **EMBO J** 1985 May;4(5):1217–23

Primary structure of human fibronectin: differential splicing may generate at least 10 polypeptides from a single gene. Kornblihtt AR, et al. **EMBO J** 1985 Jul;4(7):1755–9

A gene sequence expre[illegible] only in undifferentiated EC, EK cells and testes. Stace[illegible] AJ, et al. **EMBO J** 1984 Oct;3(10):2279–85

The cDNA sequences of the sea urchin U7 small nuclear RNA suggest specific contacts between histone mRNA precursor and U7 RNA during RNA processing. Strub K, et al. **EMBO J** 1984 Dec 1;3(12):2801–7

Sequencing of the chicken non-erythroid spectrin cDNA reveals an internal repetitive structure homologous to the human erythrocyte spectrin. Wasenius VM, et al. **EMBO J** 1985 Jun;4(6):1425–30

Human p53 cellular tumor antigen: cDNA sequence and expression in COS cells. Zakut-Houri R, et al. **EMBO J** 1985 May;4(5):1251–5

Cloning and nucleotide sequence of the murine interleukin-3 gene. Campbell HD, et al. **Eur J Biochem** 1985 Jul 15;150(2):297–304

A microanalytical procedure for determination of the base composition of DNA. Coene M, et al. **Eur J Biochem** 1985 Aug 1;150(3):475–9

Characterization of pleural effusions by flow-cytometric DNA analysis. Høstmark J, et al. **Eur J Respir Dis** 1985 May;66(5):315–9

Flow cytometric DNA analysis [editorial] Vindeløv LL. **Eur J Respir Dis** 1985 May;66(5):313–4

The relationship between genome size and synaptonemal complex length in higher plants. Anderson LK, et al. **Exp Cell Res** 1985 Feb;156(2):367–78

Measurement of cell proliferation in microculture using Hoechst 33342 for the rapid semiautomated microfluorimetric determination of chromatin DNA. Richards WL, et al. **Exp Cell Res** 1985 Jul;159(1):235–46

Cytofluorometric nuclear DNA determinations on human corneal endothelial cells. Ikebe H, et al. **Exp Eye Res** 1984 Oct;39(4):497–504

A description of the damaged DNA produced during tissue injury. Warnick CT, et al. **Exp Mol Pathol** 1984 Dec;41(3):397–408

5'-Methyl-cytosine in the macronuclear DNA of Blepharisma japonicum. Salvini M, et al. **Experientia** 1984 Dec 15;40(12):1401–3

Bis-pyridoquinolines as new bifunctional intercalators for DNA. Malesani G, et al. **Farmaco [Sci]** 1984 Nov;39(11):925–34

The dynamic nature of DNA-strand breaks present in differentiating muscle cells and quiescent lymphocytes. Farzaneh F, et al. **FEBS Lett** 1985 Sep 9;189(1):62–6

Identification in several human myeloid leukemias or cell lines of a DNA rearrangement next to the c-mos 3'-end. Revoltella RP, et al. **FEBS Lett** 1985 Sep 9;189(1):97–101

Characterization of two rat globin cDNA clones. Crkvenjakov R, et al. **Hemoglobin** 1984;8(6):597–611

Compound heterozygosity for two genotypes of alpha-thalassemia-2: hematological, biosynthetic and DNA studies. Wong SC, et al. **Hemoglobin** 1985;9(2):111–26

Quantitative analysis of collagen, protein and DNA in fixed, paraffin-embedded and sectioned tissue. Schwartz DE, et al. **Histochem J** 1985 Jun;17(6):655–63

Application of 7-amino-actinomycin D for the fluorescence microscopical analysis of DNA in cells and polytene chromosomes. Stepanova NG, et al. **Histochem J** 1985 Feb;17(2):131–42

On the nature of Romanowsky-Giemsa staining and the Romanowsky-Giemsa effect. I. Model experiments on the specificity of azure B-eosin Y stain as compared with other thiazine dye-eosin Y combinations. Wittekind DH, et al. **Histochem J** 1985 Mar;17(3):263–89

Cytophotometric evidence for the transformation of oocytes into nurse cells in Drosophila melanogaster. King RC, et al. **Histochemistry** 1985;82(2):131–4

Modification of the BrdU/H33258 technique for flow cytometry based on the pH-dependence of the fluorescence of H33258 stained DNA. Kroll W. **Histochemistry** 1984;80(5):493–6

Chromosomes for molecular hybridization. Assignment of repetitive and single copy genes using a rapid filter-fixation method. Langer G, et al. **Histochemistry** 1984;80(5):469–73

Determination of DNA content in the nurse and follicle cells from wild type and mutant Drosophila melanogaster by DNA-Feulgen cytophotometry. Mulligan PK, et al. **Histochemistry** 1985;82(3):233–47

Anti-DNA.RNA sera. Specificity tests and application in quantitative in situ hybridization. Raap AK, et al. **Histochemistry** 1984;81(6):517–20

Is it possible to analyze DNA and protein sequences by the methods of digital signal processing? Veljković V, et al. **IEEE Trans Biomed Eng** 1985 May;32(5):337–41

A 3.5 kilobase Taq I restriction fragment of genomic DNA segregates with HLA-B27. Trapani JA, et al. **Immunogenetics** 1985;21(2):189–92

Effects of fructose on human fibroblast metabolism: the application of DNA measurements as a basis for interpretation. Eanes RZ. **In Vitro Cell Dev Biol** 1985 Jun;21(6):328–32

Conformations of 3-methylpurine nucleosides: implications on the structure of DNA duplexes. Rao SN, et al. **Indian J Biochem Biophys** 1984 Aug;21(4):222–6

Effect of black pepper & asafoetida on the DNA content of gastric aspirates. Desai HG, et al. **Indian J Med Res** 1985 Mar;81:325–9

Further studies on the extrusion of cytosol macromolecules by cultured chick embryo fibroblast cells. McIntosh AA, et al. **Int J Biochem** 1985;17(2):147–53

Isolation and characterization of an activated C-H-ras-1 gene from a squamous-cell lung carcinoma cell line. Kagimoto M, et al. **Int J Cancer** 1985 Jun 15;35(6):808–12

Determination of circulating immune complexes, C3 and C4 complement components and anti-DNA antibody in different classes of lupus nephritis. Klein MH, et al. **Int J Pediatr Nephrol** 1984 Jun;5(2):75–82

Mechanisms of aminoglycoside-resistance of Streptomyces harboring resistant genes obtained from antibiotic-producers. Matsuhashi Y, et al. **J Antibiot (Tokyo)** 1985 Feb;38(2):279–82

Field gradients improve resolution on DNA sequencing gels. Ansorge W, et al. **J Biochem Biophys Methods** 1984 Dec;10(3–4):237–43

Fast and sensitive detection of protein and DNA bands by treatment with potassium permanganate. Ansorge W. **J Biochem Biophys Methods** 1985 May;11(1):13–20

Rat hepatic cytosolic phosphoenolpyruvate carboxykinase (GTP). Structures of the protein, messenger RNA, and gene. Beale EG, et al. **J Biol Chem** 1985 Sep 5;260(19):10748–60

Cloned mouse ribonucleotide reductase subunit M1 cDNA reveals amino acid sequence homology with Escherichia coli and herpesvirus ribonucleotide reductases. Caras IW, et al. **J Biol Chem** 1985 Jun 10;260(11):7015–22

Human liver fatty acid binding protein cDNA and amino acid sequence. Functional and evolutionary implications. Chan L, et al. **J Biol Chem** 1985 Mar 10;260(5):2629–32

Isolation of cDNA and genomic clones encoding human pro-alpha 1 (III) collagen. Partial characterization of the 3' end region of the gene. Chu ML, et al. **J Biol Chem** 1985 Apr 10;260(7):4357–63

Human adenosine deaminase. cDNA and complete primary amino acid sequence. Daddona PE, et al. **J Biol Chem** 1984 Oct 10;259(19):12101–6

Cryptic satellites rich in inverted repeats comprise 30% of the genome of a hermit crab. Fowler RF, et al. **J Biol Chem** 1985 Jan 25;260(2):1296–303

Wound-induced proteinase inhibitors from tomato leaves. I. The cDNA-deduced primary structure of pre-inhibitor I and its post-translational processing. Graham JS, et al. **J Biol Chem** 1985 Jun 10;260(11):6555–60

Wound-induced proteinase inhibitors from tomato leaves. II. The cDNA-deduced primary structure of pre-inhibitor II. Graham JS, et al. **J Biol Chem** 1985 Jun 10;260(11):6561–4

Z-DNA in the rat somatostatin gene. Hayes TE, et al. **J Biol Chem** 1985 Jul 5;260(13):8145-56

Isolation and sequence of a cDNA clone that contains the entire coding region for chicken smooth-muscle alpha-tropomyosin. Helfman DM, et al. **J Biol Chem** 1984 Nov 25;259(22):14136-43

The rat casein multigene family. Fine structure and evolution of the beta-casein gene. Jones WK, et al. **J Biol Chem** 1985 Jun 10;260(11):7042-50

Molecular cloning of DNA sequences complementary to rat liver glucose-6-phosphate dehydrogenase mRNA. Nutritional regulation of mRNA levels. Kletzien RF, et al. **J Biol Chem** 1985 May 10;260(9):5621-4

Structure of murine complement component C3. I. Nucleotide sequence of cloned complementary and genomic DNA coding for the beta chain. Lundwall A, et al. **J Biol Chem** 1984 Nov 25;259(22):13851-6

Translational control of the circadian rhythm of liver sterol carrier protein. Analysis of mRNA sequences with a specific cDNA probe. McGuire DM, et al. **J Biol Chem** 1985 May 10;260(9):5435-9

Human triosephosphate isomerase cDNA and protein structure. Studies of triosephosphate isomerase deficiency in man. Maquat LE, et al. **J Biol Chem** 1985 Mar 25;260(6):3748-53

Analysis of several bovine lutropin beta subunit cDNAs reveals heterogeneity in nucleotide sequence. Maurer RA. **J Biol Chem** 1985 Apr 25;260(8):4684-7

Characterization and derivation of the gene coding for mitochondrial carbamyl phosphate synthetase I of rat. Nyunoya H, et al. **J Biol Chem** 1985 Aug 5;260(16):9346-56

Evolution and heterogeneity of the alpha-/beta-type and gamma-type gliadin DNA sequences. Okita TW, et al. **J Biol Chem** 1985 Jul 5;260(13):8203-13

Complete cDNA-derived amino acid sequence of chick muscle creatine kinase. Ordahl CP, et al. **J Biol Chem** 1984 Dec 25;259(24):15224-7

Molecular cloning and nucleotide sequence of the cDNA for rat peroxisomal enoyl-CoA: hydratase-3-hydroxyacyl-CoA dehydrogenase bifunctional enzyme. Osumi T, et al. **J Biol Chem** 1985 Jul 25;260(15):8905-10

cDNA clones coding for the pro-alpha1(IV) chain of human type IV procollagen reveal an unusual homology of amino acid sequences in two halves of the carboxyl-terminal domain. Pihlajaniemi T, et al. **J Biol Chem** 1985 Jun 25;260(12):7681-7

Intron structure of the human antithrombin III gene differs from that of other members of the serine protease inhibitor superfamily. Prochownik EV, et al. **J Biol Chem** 1985 Aug 15;260(17):9608-12

The human alpha-fetoprotein gene. Sequence organization and the 5' flanking region. Sakai M, et al. **J Biol Chem** 1985 Apr 25;260(8):5055-60

The structural organization of the chicken calmodulin gene. Simmen RC, et al. **J Biol Chem** 1985 Jan 25;260(2):907-12

Complete nucleotide sequence of a methylcholanthrene-inducible cytochrome P-450 (P-450d) gene in the rat. Sogawa K, et al. **J Biol Chem** 1985 Apr 25;260(8):5026-32

Cloning and sequence analysis of cDNAs for human high molecular weight and low molecular weight prekininogens. Primary structures of two human prekininogens. Takagaki Y, et al. **J Biol Chem** 1985 Jul 15;260(14):8601-9

Rat liver glutathione S-transferases. Construction of a cDNA clone complementary to a Yc mRNA and prediction of the complete amino acid sequence of a Yc subunit. Telakowski-Hopkins CA, et al. **J Biol Chem** 1985 May 10;260(9):5820-5

Structure of two unlinked Drosophila melanogaster glyceraldehyde-3-phosphate dehydrogenase genes. Tso JY, et al. **J Biol Chem** 1985 Jul 5;260(13):8220-8

An equilibrium between distorted and undistorted DNA in the adult chicken beta A-globin gene. Wang JN, et al. **J Biol Chem** 1985 Jul 5;260(13):8194-202

Structure of murine complement component C3. II. Nucleotide sequence of cloned complementary DNA coding for the alpha chain. Wetsel RA, et al. **J Biol Chem** 1984 Nov 25;259(22):13857-62

Rat brain preproenkephalin mRNA. cDNA cloning, primary structure, and distribution in the central nervous system. Yoshikawa K, et al. **J Biol Chem** 1984 Nov 25;259(22):14301-8

Quantitative reversed-phase high-performance liquid chromatography of major and modified nucleosides in DNA. Gehrke CW, et al. **J Chromatogr** 1984 Sep 28;301(1):199-219

Quantitative high-performance liquid chromatography of bases and nucleosides in cerebral DNA of rat foetus. Iwasaki S, et al. **J Chromatogr** 1985 May 31;341(1):182-6

Improved fluorometric method for quantitative high-performance liquid chromatographic analysis of methylated guanine derivatives in DNA. Ratko TA, et al. **J Chromatogr** 1985 May 24;324(2):434-8

Separation of naturally occurring or induced methylated nucleobases of DNA by reversed-phase high-performance liquid chromatography. Valencia R, et al. **J Chromatogr** 1985 May 29;325(1):207-20

High-performance liquid chromatography of DNA. Wells RD. **J Chromatogr** 1984 Dec 7;336(1):3-14 (45 ref.)

An improved method of preparing nuclei for absorption cytophotometry. Bose K, et al. **J Histochem Cytochem** 1985 Jan;33(1):65-8

Radioimmunoassay of 5-methyl-2'-deoxycytidine. A method for the quantitation of DNA methylation. Vilpo JA, et al. **J Immunol Methods** 1984 Dec 31;75(2):241-6

Restriction-endonuclease analysis of DNA from 15 Giardia isolates obtained from humans and animals. Nash TE, et al. **J Infect Dis** 1985 Jul;152(1):64-73

The possibility for prenatal diagnosis of PKU by linkage analyses based on phenylalanine hydroxylase locus specific DNA-polymorphisms. Woo SL, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:139-40

Natural products as probes for nucleic acid structure and sequence. Remers WA. **J Nat Prod** 1985 Mar-Apr;48(2):173-92

An improved method for preparing DNA from human brain. Saldanha J, et al. **J Neurosci Methods** 1984 Sep;11(4):275-9

Fluorometric determination of DNA in cartilage of various species. Oegema TR Jr, et al. **J Orthop Res** 1984;1(4):345-51

Flow cytometry of ethanol-fixed versus fresh bladder barbotage specimens. Ratliff JE, et al. **J Urol** 1985 Jun;133(6):958-60

Characterization of a molecularly cloned retroviral sequence associated with Fv-4 resistance. Ikeda H, et al. **J Virol** 1985 Sep;55(3):768-77

Estimation of DNA fragment size and generation of DNA restriction endonuclease maps using linear models. Holford TR, et al. **J Virol Methods** 1985 Feb;10(2):117-26

Prenatal diagnosis of beta-thalassaemia with the synthetic-oligomer technique. Rosatelli C, et al. **Lancet** 1985 Feb 2;1(8423):241-3

Changes in nucleic acid and protein content in nuclei of human cervical cells. Bhattacharya PK, et al. **Mech Ageing Dev** 1984 Oct 15;27(2):135-42

Alkaline elution of DNA as a method for assessing genotoxic effects of drugs: its application to a series of antiviral compounds. Coronnello M, et al. **Methods Find Exp Clin Pharmacol** 1985 Jan;7(1):29-34

AT-rich linkers in long range organisation of Drosophila DNA. Moreau J, et al. **MGG** 1985;199(3):357-64

Variations in the organization of repetitive DNA sequences in the genomes of Plasmodium falciparum clones. Bhasin VK, et al. **Mol Biochem Parasitol** 1985 May;15(2):149-58

Re-examination of earlier work on repetitive DNA and mosquito infectivity in rodent malaria. C saglia O, et al. **Mol Biochem Parasitol** 1985 Jun;16(1):35-42

The maxicircle of Trypanosoma brucei kinetoplast DNA encodes apocytochrome b. Johnson BJ, et al. **Mol Biochem Parasitol** 1984 Oct;13(2):135-46

Quantization of chloroplast DNA using dot blot filter hybridization with double-stranded probes. Smith MA. **Mol Cell Biochem** 1984 Sep;63(2):149-56

Cloning of DNA corresponding to rare transcripts of rat brain: evidence of transcriptional and post-transcriptional control and of the existence of nonpolyadenylated transcripts. Brilliant MH, et al. **Mol Cell Biol** 1984 Oct;4(10):2187-97

Rare internal C4A4 repeats in the micronuclear genome of Oxytricha fallax. Dawson D, et al. **Mol Cell Biol** 1984 Dec;4(12):2661-7

Transcription of the mouse dihydrofolate reductase gene proceeds unabated through seven polyadenylation sites and terminates near a region of repeated DNA. Frayne EG, et al. **Mol Cell Biol** 1984 Dec;4(12):2921-4

Molecular structure of the human argininosuccinate synthetase gene: occurrence of alternative mRNA splicing. Freytag SO, et al. **Mol Cell Biol** 1984 Oct;4(10):1978-84

70-Kilodalton heat shock polypeptides from rainbow trout: characterization of cDNA sequences. Kothary RK, et al. **Mol Cell Biol** 1984 Sep;4(9):1785-91

Expression of the mouse p53 cellular tumor antigen in monkey cells. Pinhasi O, et al. **Mol Cell Biol** 1984 Oct;4(10):2180-6

Molecular cloning and chromosomal localization of DNA sequences associated with a human DNA repair gene. Rubin JS, et al. **Mol Cell Biol** 1985 Feb;5(2):398-405

Identification of a recently evolved goat embryonic beta-globin pseudogene which retains transcriptional activity in vitro. Shapiro SG, et al. **Mol Cell Biol** 1984 Oct;4(10):2120-7

Nuclear envelope localization of an adenovirus tumor antigen maintains the integrity of cellular DNA. White E, et al. **Mol Cell Biol** 1984 Dec;4(12):2865-75

Molecular cloning and nucleotide sequence analysis of the Saccharomyces cerevisiae RAD1 gene. Yang E, et al. **Mol Cell Biol** 1984 Oct;4(10):2161-9

Use of lacZ fusions to delimit regulatory elements of the inducible divergent GAL1-GAL10 promoter in Saccharomyces cerevisiae. Yocum RR, et al. **Mol Cell Biol** 1984 Oct;4(10):1985-98

Enhanced bleomycin-induced DNA damage and cytotoxicity with calmodulin antagonists. Lazo JS, et al. **Mol Pharmacol** 1985 Mar;27(3):387-93

Computed cell image information. Bibbo M, et al. **Monogr Clin Cytol** 1984;9:62-100 (77 ref.)

Effect of alcoholization upon the maternal and fetal hepatic DNA and the maternal serum-proteins in pregnant albino rats. Gârban Z, et al. **Morphol Embryol (Bucur)** 1985 Jan-Mar;31(1):9-16

Genotyping with DNA probes in combined immunodeficiency syndrome with defective expression of HLA. Marcadet A, et al. **N Engl J Med** 1985 May 16;312(20):1287-92

Genetic screening for hemophilia A (classic hemophilia) with a polymorphic DNA probe. Oberle I, et al. **N Engl J Med** 1985 Mar 14;312(11):682-6

Cultured human endothelial cells express platelet-derived growth factor B chain: cDNA cloning and structural analysis. Collins T, et al. **Nature** 1985 Aug 22-28;316(6030):748-50

Human transforming growth factor-beta complementary DNA sequence and expression in normal and transformed cells. Derynck R, et al. **Nature** 1985 Aug 22-28;316(6030):701-5

Unique structure of murine interleukin-2 as deduced from cloned cDNAs. Kashima N, et al. **Nature** 1985 Jan 31-Feb 6;313(6001):402-4

Primary structure of the alpha-subunit of Torpedo californica (Na+ + K+)ATPase deduced from cDNA sequence. Kawakami K, et al. **Nature** 1985 Aug 22-28;316(6030):733-6

Unique allelic restriction fragments of the human Ha-ras locus in leukocyte and tumour DNAs of cancer patients. Krontiris TG, et al. **Nature** 1985 Jan 31-Feb 6;313(6001):369-74

Amino-acid sequence of a Ca2+ + Mg2+-dependent ATPase from rabbit muscle sarcoplasmic reticulum, deduced from its complementary DNA sequence. MacLennan DH, et al. **Nature** 1985 Aug 22-28;316(6030):696-700

Primary structure of bovine thyroglobulin deduced from the sequence of its 8,431-base complementary DNA. Mercken L, et al. **Nature** 1985 Aug 15-21;316(6029):647-51

Primary structure of Electrophorus electricus sodium channel deduced from cDNA sequence. Noda M, et al. **Nature** 1984 Nov 8-14;312(5990):121-7

Amino-acid sequence of the catalytic subunit of the (Na+ + K+)ATPase deduced from a complementary DNA. Shull GE, et al. **Nature** 1985 Aug 22-28;316(6030):691-5

Search for DNA alterations in Alzheimer's disease. Spector R, et al. **Neurobiol Aging** 1985 Spring;6(1):25-8

Developmental changes in the synthesis of nonhistone nuclear proteins relative to the appearance of a short nucleosomal DNA repeat length in cerebral hemisphere neurons. Ivanov TR, et al. **Neurochem Res** 1984 Sep;9(9):1323-37

Cerebellar deoxyribonucleases and DNA in the androgenized female rat. Litteria M. **Neurochem Res** 1985 Apr;10(4):571-7

The primary structure of human hemopexin deduced from cDNA sequence: evidence for internal, repeating homology. Altruda F, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3841-59

Primary organization of nucleosomal core particles is invariable in repressed and active nuclei from animal, plant and yeast cells. Bavykin SG, et al. **Nucleic Acids Res** 1985 May 24;13(10):3439-59

The structure and evolution of a 461 amino acid human protein C precursor and its messenger RNA, based upon the DNA sequence of cloned human liver cDNAs. Beckmann RJ, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5233-47

An unusually long poly(purine)-poly(pyrimidine) sequence is located upstream from the human thyroglobulin gene. Christophe D, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5127-44

Nomenclature for incompletely specified bases in nucleic acid sequences: recommendations 1984. Cornish-Bowden A. **Nucleic Acids Res** 1985 May 10;13(9):3021-30

Structural organization of the P25 gene of Bombyx mori and comparative analysis of its 5' flanking DNA with that of the fibroin gene. Couble P, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1801-14

The effect of salt extraction on the structure of transcriptionally active genes; evidence for a DNAseI-sensitive structure which could be dependent on chromatin structure at levels higher than the 30 nm fibre. Goodwin GH, et al. **Nucleic Acids Res** 1985 May 24;13(10):3561-79

Human N-ras: cDNA cloning and gene structure. Hall A, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5255-68

Transcriptional measurements of mouse repeated DNA sequences. Jackson M, et al. **Nucleic Acids Res** 1985 May 10;13(9):3389-403

A simple and efficient method for chemical mutagenesis of DNA. Kadonaga JT, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1733-45

Concordance of experimentally mapped or predicted Z-DNA sites with positions of selected alternating purine-pyrimidine tracts. Konopka AK, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1683-701

A cDNA clone for the precursor of rat mitochondrial ornithine transcarbamylase: comparison of rat and human leader sequences and conservation of catalytic sites. Kraus JP, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):943-52

Sequence of a genomic DNA clone for the small subunit of ribulose bis-phosphate carboxylase-oxygenase from tobacco. Mazur BJ, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2373-86

Isolation and sequence analysis of cDNAs for the major potato tuber protein, patatin. Mignery GA, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):7987-8000

Comparison of the sequence specificity of bleomycin cleavage in two slightly different DNA sequences. Murray

V, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1467–81

Modification of the melting properties of duplex DNA by attachment of a GC-rich DNA sequence as determined by denaturing gradient gel electrophoresis. Myers RM, et al. **Nucleic Acids Res** 1985 May 10;13(9):3111–29

Nearly all single base substitutions in DNA fragments joined to a GC-clamp can be detected by denaturing gradient gel electrophoresis. Myers RM, et al. **Nucleic Acids Res** 1985 May 10;13(9):3131–45

Molecular structures of mitochondrial-DNA-like sequences in human nuclear DNA. Nomiyama H, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1649–58

Isolation and sequence of cDNA clones coding for a member of the family of high mobility group proteins (HMG-T) in trout and analysis of HMG-T-mRNA's in trout tissues. Pentecost BT, et al. **Nucleic Acids Res** 1985 Jul 11; 13(13):4871–88

An empirical method for the evaluation of the quality of genomic DNA libraries. Phillips SL, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2699–708

Nucleic acid (cDNA) and amino acid sequences of the maize endosperm protein glutelin-2. Prat S, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1493–504

Nucleotide sequence of transforming human c-sis cDNA clones with homology to platelet-derived growth factor. Ratner L, et al. **Nucleic Acids Res** 1985 Jul 25; 13(14):5007–18

Solid-phase methods for sequencing of nucleic acids I. Simultaneous sequencing of different oligodeoxyribonucleotides using a new, mechanically stable anion-exchange paper. Rosenthal A, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1173–84

Analysis of cDNA and genomic clones coding for the pro alpha 1 chain of calf type II collagen. Sangiorgi FO, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2815–26

Nucleotide sequence of mouse IL-2 receptor cDNA and its comparison with the human IL-2 receptor sequence. Shimuzu A, et al. **Nucleic Acids Res** 1985 Mar 11; 13(5):1505–16

The plant ferredoxin precursor: nucleotide sequence of a full length cDNA clone. Smeekens S, et al. **Nucleic Acids Res** 1985 May 10;13(9):3179–94

The synthesis of oligonucleotides containing an aliphatic amino group at the 5' terminus: synthesis of fluorescent DNA primers for use in DNA sequence analysis. Smith LM, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2399–412

Isolation and characterization of rat and human glyceraldehyde-3-phosphate dehydrogenase cDNAs: genomic complexity and molecular evolution of the gene. Tso JY, et al. **Nucleic Acids Res** 1985 Apr 11; 13(7):2485–502

Human DNA sequences exhibiting gamete-specific hypomethylation. Zhang XY, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4837–51

DNA-Feulgen-cytophotometric analysis of single cells isolated from paraffin embedded tissue. Delgado R, et al. **Pathol Res Pract** 1984 Sep;179(1):92–4

Population genetics of C4 with the use of complementary DNA probes. Edwards JH. **Philos Trans R Soc Lond [Biol]** 1984 Sep 6;306(1129):405–17 (25 ref.)

Nucleotide sequence of complementary DNA and derived amino acid sequence of murine complement protein C3. Fey GH, et al. **Philos Trans R Soc Lond [Biol]** 1984 Sep 6;306(1129):333–44

Cloning and characterization of the complementary DNA for the B chain of normal human serum C1q. Reid KB, et al. **Philos Trans R Soc Lond [Biol]** 1984 Sep 6; 306(1129):345–54

Sequence heterogeneity of murine complementary DNA clones related to the C4 and C4-Slp isoforms of the fourth complement component. Tosi M, et al. **Philos Trans R Soc Lond [Biol]** 1984 Sep 6;306(1129):389–94

Effect of sleep on cerebral DNA synthesized during shuttle-box avoidance training. Giuditta A, et al. **Physiol Behav** 1985 May;34(5):769–78

Nucleotide sequence of human monocyte interleukin 1 precursor cDNA. Auron PE, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7907–11

Molecular approach to thermogenesis in brown adipose tissue: cDNA cloning of the mitochondrial uncoupling protein. Bouillaud F, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):445–8

Lack of lymphocyte-induced DNA fragmentation in human targets during lysis represents a species-specific difference between human and murine cells. Christiaansen JE, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4482–5

Human complement component C3: cDNA coding sequence and derived primary structure. de Bruijn MH, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):708–12

Characterization of an almost full-length cDNA coding for human blood coagulation factor X. Fung MR, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3591–5

Molecular cloning and sequence determination of rat preproenkephalin cDNA: sensitive probe for studying transcriptional changes in rat tissues. Howells RD, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7651–5

Cloning of cDNAs for human aldehyde dehydrogenases 1 and 2. Hsu LC, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(11):3771–5

Identification and characterization of cDNA clones specific for cholesterol side-chain cleavage cytochrome P-450. John ME, et al. **Proc Natl Acad Sci USA** 1984 Sep; 81(18):5628–32

Cloned cDNA for rabbit erythrocyte carbonic anhydrase I: A novel erythrocyte-specific probe to study development in erythroid tissues. Konialis CP, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):663–7

Specific cloning of DNA fragments absent from the DNA of a male patient with an X chromosome deletion. Kunkel LM, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4778–82

Complete nucleotide sequences of three VH genes in Caiman, a phylogenetically ancient reptile: evolutionary diversification in coding segments and variation in the structure and organization of recombination elements. Litman GW, et al. **Proc Natl Acad Sci USA** 1985 Feb; 82(3):844–8

Amino acid sequence of the alpha subunit of transducin deduced from the cDNA sequence. Medynski DC, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4311–5

Structure of the chromosomal gene for murine interleukin 3. Miyatake S, et al. **Proc Natl Acad Sci USA** 1985 Jan; 82(2):316–20

Differential amplification, assembly, and relocation of multiple DNA sequences in human neuroblastomas and neuroblastoma cell lines. Shiloh Y, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3761–5

cDNA-derived amino acid sequence of the gamma subunit of GTPase from bovine rod outer segments. Yatsunami K, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1936–40

GTPase of bovine rod outer segments: the amino acid sequence of the alpha subunit as derived from the cDNA sequence. Yatsunami K, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4316–20

Detection of mutations. Edwards JH. **Prog Clin Biol Res** 1985;177:415–25

Structures of DNA containing psoralen crosslink and thymine dimer. Kim SH, et al. **Prog Clin Biol Res** 1985; 172A:143–52

Physical characterization of a nucleic acid junction. Seeman NC, et al. **Prog Clin Biol Res** 1985;172A:99–108

Correlated measurements of DNA, RNA, and protein in individual cells by flow cytometry. Crissman HA, et al. **Science** 1985 Jun 14;228(4705):1321–4

Z-DNA forms without an alternating purine-pyrimidine sequence in solution. Feigon J, et al. **Science** 1985 Oct 4; 230(4721):82–4

Molecular cloning of complementary DNA for the alpha subunit of the G protein that stimulates adenylate cyclase. Harris BA, et al. **Science** 1985 Sep 20;229(4719):1274–7

Applications of fluorochromes to pollen biology. I. Mithramycin and 4',6-diamidino-2-phenylindole (DAPI) as vital stains and for quantitation of nuclear DNA. Coleman AW, et al. **Stain Technol** 1985 May;60(3):145–54

Applications of fluorochromes to pollen biology. II. The DNA probes ethidium bromide and Hoechst 33258 in conjunction with the callose-specific aniline blue fluorochrome. Hough T, et al. **Stain Technol** 1985 May; 60(3):155–62

A comparative study of DAPI, DIPI, and Hoechst 33258 and 33342 as chromosomal DNA stains. Otto F, et al. **Stain Technol** 1985 Jan;60(1):7–11

Production of DNA single strand breaks in rabbit renal tissue after exposure to 1,2-dichlorovinylcysteine. Jaffe DR, et al. **Toxicology** 1985 Apr;35(1):25–33

Measurement of nuclear DNA content in thyroid diagnosis. Bengtsson A, et al. **World J Surg** 1984 Aug;8(4):481–6

[Flow cytometry (FCM) in the assay of DNA content of normal and malignant epithelial cells of human uterine cervix and the prognostic significance of DNA content: I. Methodology] Wu AR. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):87–90 (Eng. Abstr.) (Chi)

[Determination of the number of somatic cells in milk using the rapid diphenylamine DNA filter method] Sedinová V, et al. **Vet Med (Praha)** 1985 Aug;30(8):467–75 (Eng. Abstr.) (Cze)

[DNA analysis and genetic counseling] Bolhuis PA, et al. **Ned Tijdschr Geneeskd** 1985 Jun 15;129(24):1134–6 (Dut)

[Characterization of total RNA, messenger poly(A)+ RNA and homologous complementary DNA in experimental cardiac hypertrophy] Moalic JM, et al. **Arch Mal Coeur** 1984 Oct;77(11):1155–7 (Eng. Abstr.) (Fre)

[Analysis of DNA by flow cytometry in breast cancer] Chassevent A, et al. **Bull Cancer (Paris)** 1984;71(5):494–5 (Fre)

[Prenatal prevention of drepanocytosis: analysis of cellular DNA in 2 cases] Delozier-Blanchet CD, et al. **J Genet Hum** 1985 Jun;33(2):171–8 (Eng. Abstr.) (Fre)

[Acridine orange: a fluorochrome of nucleic acids for the study of muscle and nerve cells] Sarnat HB. **Rev Neurol (Paris)** 1985;141(2):120–7 (Eng. Abstr.) (Fre)

[Nucleoid sedimentation—a method for determination of DNA damage and DNA repair as exemplified by rat lymphocytes affected by physical and chemical agents in vitro] Tempel K, et al. **Berl Munch Tierarztl Wochenschr** 1985 Jan 1;98(1):3–7 (Eng. Abstr.) (Ger)

[DNA flow cytometric evaluation of spermatogenesis. Part 2: Studies on male infertility] Kawai S. **Hinyokika Kiyo** 1985 Jan;31(1):87–95 (Eng. Abstr.) (Jpn)

[DNA flow cytometric evaluation of spermatogenesis. Part 1: Analysis of nuclear DNA in cells from the human testicular tissue] Kawai S. **Hinyokika Kiyo** 1984 Aug; 30(8):1021–7 (Eng. Abstr.) (Jpn)

[Acridine orange staining for DNA-RNA cytofluorometry of epidermal basal cells] Nomura H, et al. **Nippon Hifuka Gakkai Zasshi** 1985 May;95(6):685–8 (Jpn)

[The experimental studies of the myocardial protection during the aortic clamp from the DNA kinetics] Koyama N. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Nov; 32(11):1910–8 (Eng. Abstr.) (Jpn)

[Biochemistry of the brain. f. Nucleic acids] Suzuki N. **Nippon Rinsho** 1985 Feb;43(2):266–9 (29 ref.) (Jpn)

[A solid phase method of determining DNA sequence] Chuvpilo SA, et al. **Bioorg Khim** 1983 Dec;9(12):1634–7 (Eng. Abstr.) (Rus)

[Interconnected sequences of the Alu and HindIII bases of DNA repetitive sequences] Korotkov EV. **Dokl Akad Nauk SSSR** 1984;279(5):1252–4 (Rus)

[New immunochemical method of localizing proteins on DNA. The primary organization of nucleosomes containing proteins HMG 14 and 17] Shik VV, et al. **Dokl Akad Nauk SSSR** 1984;279(5):1254–6 (Rus)

[Use of nucleic acid preparative electrophoresis in molecular oncological research] Fedorov SN, et al. **Eksp Onkol** 1985; 7(3):31–4 (Eng. Abstr.) (Rus)

[Relation of the absorption spectra of DNA-fuchsin to the conditions of carrying out the Feulgen reaction] Kotel'nikov VM, et al. **Lab Delo** 1985;(3):137–40 (Eng. Abstr.) (Rus)

[Hybridization of low molecular weight nuclear RNA with nuclear RNA and DNA restriction fragments] Evtushenko VI, et al. **Mol Biol (Mosk)** 1984 Sep–Oct;18(5):1424–31 (Eng. Abstr.) (Rus)

[Flow fluorimetry of the cellular DNA of the bone marrow in normal mice and after exposure to extreme factors] Pereverzev AE, et al. **Tsitologiia** 1985 May;27(5):541–7 (Eng. Abstr.) (Rus)

[Cytophotometric study of the DNA content of the liver of rats poisoned with N-nitrosomorpholine] Callaghan R, et al. **Rev Esp Oncol** 1982;29(3):423–7 (Eng. Abstr.) (Spa)

[Cytochemical methodology applied to the study of staining mechanisms and fluorescence of nucleic acids] Espelosin RH, et al. **Rev Esp Oncol** 1982;29(3):401–12 (Eng. Abstr.) (Spa)

ANTAGONISTS & INHIBITORS

Prostaglandin E1 inhibits DNA synthesis in arterial smooth muscle cells stimulated with platelet-derived growth factor. Nilsson J, et al. **Atherosclerosis** 1984 Oct;53(1):77–82

Effects of inhibiting DNA synthesis with hydroxyurea on stretch-induced skeletal muscle growth. Fortado CM, et al. **Exp Neurol** 1985 Mar;87(3):487–94

[Caffeine inactivation of mammalian cells in the S phase of the mitotic cycle due to anomalous replicon initiation during the inhibition of the elongation of replicating DNA] Filatov MV, et al. **Tsitologiia** 1984 Oct;26(10):1208–12 (Eng. Abstr.) (Rus)

[Amine inhibition of serum-induced DNA synthesis in 3T3 and 3T6 cell cultures] Nikol'skii NN, et al. **Tsitologiia** 1985 Apr;27(4):451–7 (Eng. Abstr.) (Rus)

BIOSYNTHESIS

Quantitative aspects of the effects of insulin, epidermal growth factor and dexamethasone on DNA synthesis in cultured adult rat hepatocytes. Sand TE, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):369–77

Prostacyclin and DNA-synthesis inhibitors: their interaction on experimental gastric ulcer in the rat. Bálint GA, et al. **Acta Med Hung** 1984;41(4):259–61

Analysis by flow cytometry of DNA synthesis during the life cycle of African trypanosomes. Shapiro SZ, et al. **Acta Trop (Basel)** 1984 Dec;41(4):313–23

Studies on the initiation of DNA synthesis in plant and animal cells. Litvak S, et al. **Adv Exp Med Biol** 1984;179:249–62

Correlation of DNA polymerase activities with the initiation of DNA synthesis. Otto AM. **Adv Exp Med Biol** 1984; 179:337–42

Characterization of in vitro DNA synthesis in an isolated chloroplast system of Petunia hybrida. Overbeeke N, et al. **Adv Exp Med Biol** 1984;179:107–12

Aphidicolin and eukaryotic DNA synthesis. Spadari S, et al. **Adv Exp Med Biol** 1984;179:169–81

The relationship between uracil incorporation into DNA and the expression of fragile sites in human [letter] Hagerman PJ. **Am J Med Genet** 1984 Oct;19(2):407–9

Antifolate-induced misincorporation of deoxyuridine monophosphate into DNA by cells from patients with the fragile X syndrome. Wang JC, et al. **Am J Med Genet** 1985 Aug;21(4):691–6

Replacement synthesis labeling of DNA molecules in vitro using the Escherichia coli exonuclease III/DNA polymerase I enzyme pair. James CD, et al. **Anal Biochem** 1984 Aug 15;141(1):33–7

Retinoic acid and steroids inhibit Epstein-Barr virus-induced nuclear antigen, DNA synthesis and lymphocyte transformation. Sundar SK, et al. **Anticancer Res** 1984 Nov–Dec;4(6):415–8

Effect of inhibition of DNA synthesis on histone synthesis, turnover, and deposition in the rat testis. Chiu ML, et al. **Arch Biochem Biophys** 1985 Jan;236(1):260–5

Incorporation of 3H-thymidine into DNA: inhibition dithranol and its di– and triacetate. Plumier E, et al. **Arch Dermatol Res** 1984;276(6):406–8

A possible secondary role for thymine–containing DNA precursors. Melamede RJ, et al. **Basic Life Sci** 1985; 31:67–102

Response of CHO cell DNA polymerase alpha to dCTP and dTTP pool imbalance: relation to DNA synthesis inhibition, survival and mutation. Newman CN, et al. **Basic Life Sci** 1985;31:127–48

Regulation of extracellular thymidine pools in human blood samples. Pero RW, et al. **Basic Life Sci** 1985;31:481–6

Misincorporation of deoxyuridine in human cells: consequences of antifolate exposure. Richards RG, et al. **Basic Life Sci** 1985;31:149–62

Biological consequences of guanine starvation. Sadée W, et al. **Basic Life Sci** 1985;31:233–40

Mutagenesis by incorporation of alkylated nucleotides. Topal MD. **Basic Life Sci** 1985;31:339–51 (27 ref.)

Phenobarbital and some other liver tumor promoters stimulate DNA synthesis in cultured rat hepatocytes. Edwards AM, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):103–8

Formycin 3' end modified tRNATrp. Recognition by avian myeloblastosis virus reverse transcriptase and primer function. Sarih L, et al. **Biochem Int** 1985 Jul;11(1):117–26

Differential inhibition by T–2 toxin of total protein, DNA and isoprenoid synthesis in the culture macrophage cell line J774. Melmed RN, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2809–12

Effect of benzo[a]pyrene on DNA synthesis and DNA polymerase activity of rat liver nuclei. Salazar I, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):755–62

Effect of an adrenocorticotropin analogue, ACTH 1–17, on DNA synthesis in murine metaphyseal bone. Walker WV, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1191–6

Displacement synthesis of globin complementary DNA: evidence for sequence amplification. Gaubatz JW, et al. **Biochim Biophys Acta** 1985 Jun 24;825(2):175–87

Increased DNA synthesis of uninvolved psoriatic epidermis is maintained in vitro. Kragballe K, et al. **Br J Dermatol** 1985 Mar;112(3):263–70

Leukotrienes B4, C4 and D4 stimulate DNA synthesis in cultured human epidermal keratinocytes. Kragballe K, et al. **Br J Dermatol** 1985 Jul;113(1):43–52

Inhibitory effect of syphilitic rabbit serum on DNA synthesis in rabbit cells in vitro. Wong GH, et al. **Br J Vener Dis** 1984 Oct;60(5):285–7

Differential formation of O6–ethylguanine in the DNA of rat brain chromatin fibers of different folding levels exposed to N–ethyl–N–nitrosourea in vitro. Nehls P, et al. **Cancer Res** 1985 Mar;45(3):1378–83

Unscheduled DNA synthesis in mononuclear leukocytes from patients with colorectal polyps. Pero RW, et al. **Cancer Res** 1985 Jul;45(7):3388–91

Double labeling of S–phase murine cells with bromodeoxyuridine and a second DNA–specific probe. Raza A, et al. **Cancer Res** 1985 May;45(5):2283–7

Hyperthermia and human leukocyte functions: DNA, RNA, and total protein synthesis after exposure to less than 41 degrees or greater than 42.5 degrees hyperthermia. Roberts NJ Jr, et al. **Cancer Res** 1985 Jul;45(7):3076–82

Control of Polyomavirus T–antigen and DNA synthesis in mouse embryo fibroblast cells by vitamin A. Russell JK, et al. **Cancer Res** 1985 May;45(5):2098–102

Double labeling of human leukemic cells using 3H–cytarabine and monoclonal antibody against bromodeoxyuridine. Raza A, et al. **Cancer Treat Rep** 1985 Feb;69(2):195–8

Induction of ornithine decarboxylase and DNA synthesis in rat stomach mucosa by methylglyoxal. Furihata C, et al. **Carcinogenesis** 1985 Jan;6(1):91–4

Nuclear–cytoplasmic interactions affecting DNA synthesis during induced cardiac muscle growth in the rat. Bugaisky LB, et al. **Cardiovasc Res** 1985 Feb;19(2):89–94

Differences in the response of non–dividing human diploid fibroblasts (HDF) to inducers of DNA synthesis generated by cycling HDF and HeLa cells. Rao MV. **Cell Biol Int Rep** 1985 May;9(5):419–27

Calcium thresholds in the activation of DNA and RNA synthesis in cultured planarian cells: relationship with hormonal and DB cAMP effects. Martelly I. **Cell Differ** 1984 Nov;15(1):25–36

DNA synthesis of rat thymic lymphocytes and their migration to the spleen. Encuţ I, et al. **Cell Mol Biol** 1984; 30(4):401–6

Unscheduled DNA synthesis in cell lysate system reflecting DNA repair in vivo. Yamada K, et al. **Cell Struct Funct** 1984 Dec;9(4):327–36

Induction of repair synthesis of DNA in primary cultures of rat urothelial cells by derivatives of the bladder carcinogen, N–n–butyl–N–(4–hydroxybutyl)nitrosamine. Wang CY, et al. **Chem Biol Interact** 1985 Feb–Apr; 53(1–2):99–105

Characterization of the spontaneous DNA–synthesizing and/or IgG–secreting cells in peripheral blood from patients with systemic lupus erythematosus. Yano K, et al. **Clin Immunol Immunopathol** 1985 Apr;35(1):57–66

Effect of partially purified bone morphogenetic protein on DNA synthesis and cell replication in calvarial and fibroblast cultures. Canalis E, et al. **Clin Orthop** 1985 Sep; (198):289–96

Factors controlling the DNA–synthesis in 3T3 and EAT cells. Koussoulakos S, et al. **Comp Biochem Physiol [B]** 1985;80(1):175–80

Clinically uninvolved skin in psoriasis. Kaufman AJ, et al. **Cutis** 1985 Apr;35(4):311

Variation of DNA polymerase activities and DNA synthesis in mouse mammary gland during pregnancy and early lactation. Zwierzchowski L, et al. **Differentiation** 1984; 28(2):179–85

Initiation, elongation and pausing of in vitro DNA synthesis catalyzed by immunopurified yeast DNA primase: DNA polymerase complex. Badaracco G, et al. **EMBO J** 1985 May;4(5):1313–7

Induction of the nuclear protein 'cyclin' in quiescent mouse 3T3 cells stimulated by serum and growth factors. Correlation with DNA synthesis. Bravo R, et al. **EMBO J** 1984 Dec 20;3(13):3177–81

Individual nuclei in polykaryons can control cyclin distribution and DNA synthesis. Celis JE, et al. **EMBO J** 1985 May;4(5):1187–92

Effect of sodium vanadate on deoxyribonucleic acid and protein syntheses in cultured rat calvariae. Canalis E. **Endocrinology** 1985 Mar;116(3):855–62

Mutagen sensitivity, smoking habits and enzyme induction in healthy middle–aged men. Trell E, et al. **Environ Res** 1984 Dec;35(2):421–9

Evidence for the macromolecular basis of regulation of heart hypertrophy. Jackowski G, et al. **Eur Heart J** 1984 Dec; 5 Suppl F:219–24

Newly–initiated DNA isolated from Physarum in early S phase consists of nascent–nascent duplexes. Aelen JM, et al. **Exp Cell Res** 1984 Oct;154(2):394–401

Induction of the nuclear protein cyclin in serum–stimulated quiescent 3T3 cells is independent of DNA synthesis. Macdonald–Bravo H, et al. **Exp Cell Res** 1985 Feb; 156(2):455–61

Significant non–S–phase DNA synthesis visualized by flow cytometry in activated and in malignant human lymphoid cells. Neckers LM, et al. **Exp Cell Res** 1985 Feb; 156(2):429–38

DNA synthesis by erythroid precursors in a completely defined medium: a rapid, sensitive, and convenient bioassay for erythropoietin. Rosenthal A, et al. **Exp Hematol** 1985 Mar;13(3):174–84

Stimulation of DNA synthesis in cultured rat alveolar type II cells. Leslie CC, et al. **Exp Lung Res** 1985;8(1):53–66

Splenic thymidine kinase and DNA during early postnatal development of the androgenized female rat. Litteria M, et al. **Experientia** 1985 May 15;41(5):649–50

Effect of aloe lectin on deoxyribonucleic acid synthesis in baby hamster kidney cells. Yagi A, et al. **Experientia** 1985 May 15;41(5):669–71

The rates of replicative and unscheduled DNA synthesis as functions of temperature in LS/B1, L–As and L–C3 cells. Beneš L, et al. **Folia Biol (Praha)** 1985;31(1):9–19

Chalone–like inhibition of DNA synthesis in helminths. Kudrna K, et al. **Folia Parasitol (Praha)** 1985;32(2):145–9

Chalone–like inhibition of DNA synthesis in Crithidia sp. (Protozoa). Kudrna K, et al. **Folia Parasitol (Praha)** 1985; 32(2):150

Diadenosine tetraphosphate as a signal molecule linked with the functional state of rat liver. Yamaguchi N, et al. **Gastroenterology** 1985 Oct;89(4):723–31

Glucocorticoid–induced modulation of insulin–stimulated DNA synthesis: differential responsiveness in cell cultures derived from donors of different ages. Germinario RJ, et al. **Gerontology** 1985;31(2):65–75

Heat and protease treatment of aqueous humor: effect on cell DNA synthesis and growth. Litin BS, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(3):154–7

Effect of maternal starvation on fetal tissue nucleic acid, plasma amino acid and growth hormone concentration in sheep. Schaefer AL, et al. **Growth** 1984 Winter;48(4):404–14

In vitro evaluation of multiple kinetic parameters in human leukemia by quantitative 14–C autoradiography. Ucci G, et al. **Haematologica (Pavia)** 1985 Mar–Apr;70(2):101–5

DNA synthesis in lactotrophs of primary rat anterior pituitary cell cultures. Effects of thyroliberin, bromocriptine and somatostatin. Komolov IS, et al. **Histochemistry** 1985;82(5):497–500

Relationship between release of LH and incorporation of tritiated thymidine in the anterior pituitary gland of the castrated female rat. Machiavelli GA, et al. **Horm Metab Res** 1985 Jun;17(6):298–300

DNA semi–conservative synthesis in normal and Fanconi anemia fibroblasts following treatment with 8–methoxypsoralen and near ultraviolet light or with X–rays. Moustacchi E, et al. **Hum Genet** 1985;70(3):236–42

Unscheduled DNA synthesis in human leucocytes after a fish (amine source) meal with or without salad (nitrite source). Miller CT. **IARC Sci Publ** 1984;(57):609–13

The role of DNA synthesis in peptidoglycan–induced generation of immunoglobulin–secreting cells in mice and humans. Dziarski R. **Immunol Lett** 1985;9(2–3):161–5

Dual functions of DNA synthesis inhibitory peptide in fetal calf serum. Okai Y. **Immunol Lett** 1985;9(4):229–33

Activation and proliferation signals in mouse B cells. IV. Concanavalin A stimulates B cells to leave G0, but not to proliferate. Hawrylowicz CM, et al. **Immunology** 1984 Dec;53(4):703–11

Activation and proliferation signals in mouse B cells. III. Intact (IGG) anti–immunoglobulin antibodies activate B cells but inhibit induction of DNA synthesis. Klaus GG, et al. **Immunology** 1984 Dec;53(4):693–701

[(IgG)2 protein A]2 complex stimulates cytosine arabinoside incorporation into DNA and inhibits L cell proliferation. Shearer WT, et al. **Immunopharmacology** 1984 Oct; 8(2):103–10

Proline is required for the stimulation of DNA synthesis in hepatocyte cultures by EGF. Houck KA, et al. **In Vitro Cell Dev Biol** 1985 Feb;21(2):121–4

A–T specific DNA ligands and hypotonic induced supercondensation of chromocentre in brain cells of Drosophila nasuta larvae in relation to their synthetic activities. Roy JK, et al. **Indian J Exp Biol** 1984 Jun; 22(6):287–91

Stimulating effect of gold trichloride on DNA synthesis of human lymphoid cells. Nordlind K. **Int Arch Allergy Appl Immunol** 1985;77(4):459–60

Stimulating effect of zinc chloride on DNA synthesis of human thymocytes. Nordlind K. **Int Arch Allergy Appl Immunol** 1985;77(4):461–2

Inhibition of lectin–induced lymphocyte activation by 2–cyclohexene–1–one: analysis of DNA synthesis in individual cells by BUdR quenching of Hoechst 33258. Wedner HJ, et al. **Int J Immunopharmacol** 1985;7(1):25–30

Radiation–induced inhibition of thymidine incorporation in vivo as a measure of the initial slope and RBEn/gamma. Dubravsky NB, et al. **Int J Radiat Oncol Biol Phys** 1985 Aug;11(8):1513–7

Distinct responses of 3T3–L1 cells to dihydroteleocidin B and the phorbol ester tumor promoters: relation to adipocyte differentiation, DNA synthesis and cell division. Shimizu N, et al. **Int Symp Princess Takamatsu Cancer Res Fund** 1983; 14:115–22

Induction of DNA synthesis by co–culture of retinal glia and pigment epithelium. Burke JM, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):636–42

DNA repair synthesis in the rat retina following in vivo exposure to 300–nm radiation. Rapp LM, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):384–8

Metabolism of the carbocyclic analogue of (E)–5–(2–iodovinyl)–2'–deoxyuridine in herpes simplex virus–infected cells. Incorporation of C–IVDU into DNA. De Clercq E, et al. **J Biol Chem** 1985 Sep 5;260(19):10621–8

A newly detected class of mammalian single strand–specific DNA–binding proteins. Effects on DNA polymerase alpha–catalyzed DNA synthesis. Sapp M, et al. **J Biol Chem** 1985 Feb 10;260(3):1550–6

Cytotoxicity of benzo[a]pyrene diol epoxide is associated with premature arrest of nascent strand elongation in serum–stimulated monkey kidney cells. Treon SM, et al. **J Biol Chem** 1985 Feb 25;260(4):2113–8

14th annual UCLA symposium. Abstracts: Sequence specificity in transcription and translation. **J Cell Biochem [Suppl]** 1985;9B:147–251

14th annual UCLA symposia. March 9–April 4, 1985. Abstracts. **J Cell Biochem [Suppl]** 1985;9B:1–278

Effect of TPA on ion fluxes and DNA synthesis in vascular smooth muscle cells. Owen NE. **J Cell Biol** 1985 Aug; 101(2):454–9

Mechanical stretching increases the number of epithelial cells synthesizing DNA in culture. Brunette DM. **J Cell Sci** 1984 Jul;69:35–45

High–performance liquid chromatographic purification of deoxynucleoside 5'–triphosphates and their use in a sensitive electrophoretic assay of misincorporation during DNA synthesis. Revich GG, et al. **J Chromatogr** 1984 Dec 28;317:283–300

Aging alters somatomedin–C–dexamethasone synergism in the stimulation of deoxyribonucleic acid synthesis and replication of cultured human fibroblasts. Conover CA, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):423–8

Evidence from monoclonal antibody studies that insulin stimulates deoxyribonucleic acid synthesis through the type I somatomedin receptor. Van Wyk JJ, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):639–43

Evidence for a functional role of endogenously produced somatomedinlike peptides in the regulation of DNA synthesis in cultured human fibroblasts and porcine smooth muscle cells. Clemmons DR, et al. **J Clin Invest** 1985 Jun; 75(6):1914–8

Tumor promoters stimulate hyperplasia of microtubule organizing center and inhibit DNA synthesis in cultured cells. Mascardo RN, et al. **J Clin Invest** 1984 Oct; 74(4):1186–92

Adrenal/parathyroid regulation of DNA, collagen and protein synthesis in rat epiphysial cartilage and bone. Russell JE, et al. **J Endocrinol** 1984 Oct;103(1):49–57

Stimulated rat T cell–derived inhibitory factor for cellular DNA synthesis (STIF). III. Effect on cell proliferation and immune responses. Chiba K, et al. **J Immunol** 1985 May; 134(5):3172–8

Stimulated rat T cell–derived inhibitory factor for cellular DNA synthesis (STIF). I. Isolation and characterization. Chiba K, et al. **J Immunol** 1985 Feb;134(2):1019–25

The role of cytoplasmic intermediates in IL 2–induced T cell growth. Gutowski JK, et al. **J Immunol** 1984 Dec; 133(6):3068–74

Synergistic effect of concanavalin A and Bu–WSA on DNA synthesis in human peripheral blood lymphocytes. Nitta T, et al. **J Immunol** 1985 Feb;134(2):808–14

Quantitation of 5–bromo–2–deoxyuridine incorporation into DNA: an enzyme immunoassay for the assessment of the lymphoid cell proliferative response. Forstmann T, et al.

J Immunol Methods 1985 Sep 3;82(1):169–79

The effects of treatment with human beta-interferon on the stimulation of thymidine uptake and DNA synthesis by colchicine in human fibroblasts. Jasny BR, et al.
J Interferon Res 1985 Spring;5(2):239–46

An action spectrum for 8-methoxypsoralen-sensitized inhibition of DNA synthesis in vivo. Kaidbey KH.
J Invest Dermatol 1985 Aug;85(2):98–101

DNA synthesis in rat atrial myocytes as a response to left ventricular infarction. An autoradiographic study of enzymatically dissociated myocytes. Oberpriller JO, et al.
J Mol Cell Cardiol 1984 Dec;16(12):1119–26

Nerve growth factor-treated, neurite-bearing PC12 cells continue to synthesize DNA. Ignatius MJ, et al.
J Neurosci 1985 Feb;5(2):343–51

Effect of fasting on circadian rhythmicity in deoxyribonucleic acid synthesis of several murine tissues. Scheving LE, et al. **J Nutr** 1984 Nov;114(11):2160–6

Macromolecular synthesis in Leishmania donovani amastigotes. Mukkada AJ. **J Parasitol** 1985 Jun;71(3):365–6

Electron microscope autoradiography of DNA synthesis in the replication band of two hypotrichous ciliates. Lin M, et al. **J Protozool** 1985 Feb;32(1):144–9

Inhibition of DNA synthesis by chromium compounds. Nishio A, et al. **J Toxicol Environ Health** 1985;15(2):237–44

Feline panleukopenia virus replicates in cells in which cellular DNA synthesis is blocked. Lenghaus C, et al.
J Virol 1985 Feb;53(2):345–9

Cellular integrity is required for inhibition of initiation of cellular DNA synthesis by reovirus type 3. Roner MR, et al. **J Virol** 1985 Feb;53(2):350–9

Small and middle T antigens contribute to lytic and abortive polyomavirus infection. Türler H, et al. **J Virol** 1985 Feb; 53(2):579–86

The use of a random priming procedure to generate cDNA libraries of infectious bronchitis virus, a large RNA virus. Binns MM, et al. **J Virol Methods** 1985 Jul;11(3):265–9

Preparation of complementary DNA by direct synthesis on plant virus RNAs from agarose gels. Gallitelli D, et al.
J Virol Methods 1985 Jun;11(2):141–4

Influence of plasma hormone levels on various stimulant-induced hepatic DNA synthesis in carbon tetrachloride-intoxicated rats. Hatta S. **Jpn J Pharmacol** 1985 Jan;37(1):77–84

Relationship between glucagon-induced cyclic AMP accumulation and DNA synthesis in carbon tetrachloride-intoxicated rat liver. Hatta S.
Jpn J Pharmacol 1984 Oct;36(2):258–61

Involvement of alpha 1- and beta 2-adrenergic stimulation in the induction of hepatic DNA synthesis in carbon tetrachloride-intoxicated rats. Hatta S. **Jpn J Pharmacol** 1984 Dec;36(4):540–3

Synergistic interaction between differentiation inducers and DNA synthesis inhibitors: a new approach to differentiation induction in myelodysplasia and acute myeloid leukaemia. Francis GE, et al. **Leuk Res** 1985;9(5):573–81

p-Aminophenol induced DNA damage and cytotoxicity enhanced by autoxidation. Hayward NK, et al. **Life Sci** 1985 May 27;36(21):2039–46

Neurotensin enhances estradiol induced DNA synthesis in immature rat uterus. Mistry A, et al. **Life Sci** 1985 May 27;36(21):2063–7

Effects of K+-deficiency and serum supplementation on protein turnover and nucleic acid synthesis in HeLa cells. Sakai T, et al. **Life Sci** 1985 Jan 14;36(2):169–76

Correlation of DNA repair synthesis with ageing in mice, evidenced by quantitative autoradiography. Kempf C, et al. **Mech Ageing Dev** 1984 Aug;26(2–3):183–94

Loss of responsiveness in senescent human TIG-1 cells to the DNA synthesis-inducing effect of various growth factors. Tsuji Y, et al. **Mech Ageing Dev** 1984 Oct 15; 27(2):219–32

Effects of steroid hormones on DNA synthesis and insulin production of isolated foetal rat pancreatic islets in tissue culture. Khatim MS, et al. **Med Biol** 1984;62(3):210–3

DNA synthesis inhibitory peptides in mammalian serum and insect hemolymph. Okai Y. **Mol Biol Rep** 1985 Apr; 10(3):123–8

The effects of growth factors and serum on DNA synthesis and differentiation in thyroid cells in culture. Eggo MC, et al. **Mol Cell Endocrinol** 1984 Dec;38(2–3):141–50

Hypersensitivity and reduced inhibition of DNA synthesis in ataxia telangiectasia lymphoblasts treated with low levels of neocarzinostatin. Babilon RW, et al. **Mutat Res** 1985 Jul;146(1):79–87

A ninth complementation group in xeroderma pigmentosum, XP I. Fischer E, et al. **Mutat Res** 1985 May;145(3):217–25

Tissue-specific inhibition of [3H]thymidine incorporation into DNA by carcinogenic N-nitrosamines. Hellman B, et al. **Mutat Res** 1985 May;149(3):495–503

X-ray sensitive mutants of Chinese hamster ovary cell line: radio-sensitivity of DNA synthesis. Jeggo PA.
Mutat Res 1985 May;145(3):171–6

Scintillometric determination of unscheduled DNA synthesis in primary cultures of rat-liver cells. A hydroxylapatite batch assay. Martelli A, et al. **Mutat Res** 1985 Aug; 143(4):257–61

Inhibition and recovery of DNA synthesis in human cells after exposure to ultraviolet light. Painter RB.
Mutat Res 1985 Jan–Mar;145(1–2):63–9

3-Aminobenzamide does not affect radiation-induced inhibition of DNA synthesis in human cells. Painter RB.
Mutat Res 1985 Jul;143(3):113–5

Semi-conservative synthesis of DNA in UV-sensitive mutant cells of Chinese hamster after UV-irradiation. Vikhanskaya FL, et al. **Mutat Res** 1985 Apr;149(2):271–3

Psoralen and ultraviolet A effects on epidermal ornithine decarboxylase induction and DNA synthesis in the hairless mouse. Lowe NJ, et al. **Natl Cancer Inst Monogr** 1984 Dec; 66:73–6

Inhibition of phytohemagglutinin-induced DNA synthesis and of adenosine deamination by 5-azacytidine and 5-aza-2'-deoxycytidine in intact human cells. Hovi T, et al. **Neoplasma** 1985;32(3):299–306

Damages of DNA synthesis in normal and tumor cells with sugar alcohol derivatives. Sokolova IS, et al. **Neoplasma** 1984;31(6):667–73

Renotropic stimulation of DNA synthesis of proximal tubules and endothelial cells in the outer medulla. Nomura K, et al. **Nephron** 1985;39(3):255–60

Nucleic acid and protein synthesis inhibition in developing brain by ethanol in the absence of hypothermia. Rawat AK. **Neurobehav Toxicol Teratol** 1985 Mar–Apr;7(2):161–6

Recent studies on inhibitors of macromolecular synthesis and function in trypanosomes. Meshnick SR.
Pharmacol Ther 1984;25(2):239–54 (97 ref.)

Effect of monochromatic UVA light and 8-methoxypsoralen on human lymphocyte response to mitogen. Gasparro FP, et al. **Photodermatol** 1984 Feb;1(1):10–7

Effect of Triticum vulgare extract on DNA synthesis of mammalian cells. Viano I, et al. **Planta Med** 1985 Apr; (2):91–3

The regulation of DNA synthesis in quiescent lymphocytes by cytoplasmic inhibitors. Gutowski JK, et al.
Proc Natl Acad Sci USA 1985 Aug;82(15):5160–4

Kinetics of thymidine incorporation into detergent-soluble DNA of mouse lymphocytes. Strauss PR, et al.
Proc Natl Acad Sci USA 1984 Nov;81(22):7056–60

Incorporation of 3H-labeled nucleosides and 3H-labeled deoxynucleosides into detergent soluble DNA. Strauss PR.
Proc Soc Exp Biol Med 1985 Sep;179(4):487–91

Delayed inhibition of subchromosomal DNA synthesis in V-79 Chinese hamster cells after gamma irradiation. Meechan PJ, et al. **Radiat Res** 1984 Nov;100(2):282–9

Subchromosomal DNA synthesis in synchronous V-79 chinese hamster cells after X irradiation. Meechan PJ, et al. **Radiat Res** 1984 Nov;100(2):273–81

Effects of adriamycin on the macromolecular synthesis in rat myocardiocytes and KB cells. Okano C, et al.
Res Commun Chem Pathol Pharmacol 1984 Aug; 45(2):279–88

Screening for carcinogens by DNA-synthesis inhibition test using mouse L-cells. Gotoh S, et al.
Sangyo Ika Daigaku Zasshi 1983 Jun 1;5(2):147–53

Seasonal variations in UVR-induced DNA synthesis and in UVR inhibition of phytohaemagglutinin-stimulated proliferation of human lymphocytes. Munch-Petersen B, et al. **Scand J Clin Lab Invest** 1985 Feb;45(1):37–44

Effects of a cholecystokinin-like peptide on DNA and polyamine synthesis in the rat pancreas. Haarstad H, et al. **Scand J Gastroenterol** 1985 May;20(4):530–8

Induction of DNA synthesis in cultured rat hepatocytes through stimulation of alpha 1 adrenoreceptor by norepinephrine. Cruise JL, et al. **Science** 1985 Feb 15; 227(4688):749–51

Histological examination of the effect of differently fractionated irradiations in rat and mouse organs. III. Autoradiographic examination of DNA synthesizing cells in locally X-irradiated rat spleens. Unger E.
Strahlentherapie 1984 Sep;160(9):562–4

Effects of regenerating liver cytosol on drug-induced hepatic failure. Ohkawa M, et al. **Surgery** 1985 Apr;97(4):455–62

Elevated rate of DNA synthesis and its correlation to cAMP-phosphodiesterase activity during induction of polydactyly in mouse embryos heterozygous for Hemimelia-extra toe (Hmx). Knudsen TB, et al.
Teratology 1985 Feb;31(1):155–66

Control of nucleic acid and protein synthesis in developing brain, kidney, and heart of the neonatal rat: effects of alpha-difluoromethylornithine, a specific, irreversible inhibitor of ornithine decarboxylase. Slotkin TA, et al.
Teratology 1984 Oct;30(2):211–24

Inhibition of sterol and DNA syntheses in phytohemagglutinin-stimulated human lymphocytes by 7 alpha-hydroxycholesterol. Hemmi H, et al.
Tohoku J Exp Med 1985 Feb;145(2):105–13

Effects of sodium selenite and selenate on DNA and RNA synthesis in vitro. Frenkel GD. **Toxicol Lett** 1985 May; 25(2):219–23

Stimulation of DNA synthesis after a single administration of cadmium nitrate. Ledda-Columbano GM, et al.
Toxicol Lett 1984 Dec;23(3):267–72

Potency of carcinogens derived from covalent DNA binding and stimulation of DNA synthesis in rat liver. Lutz WK, et al. **Toxicol Pathol** 1984;12(1):106–11

Inhibition of DNA and RNA synthesis in rat liver nuclei by oncogenic and non-oncogenic beta-blockers. Riboni L, et al. **Toxicol Pathol** 1985;13(1):18–25

Direct effects of nicotine on rabbit preimplantation embryos. Balling R, et al. **Toxicology** 1985 Mar 29;34(4):309–13

Effect of intensity of 1.2 MHz ultrasound on change in DNA synthesis of irradiated mouse L cells. Kondo T, et al.
Ultrasound Med Biol 1985 Jan–Feb;11(1):113–9

Comparison of the intravenous and intraperitoneal routes of administration of tritiated thymidine in studies of cell production in the gastrointestinal tract of the rat. Fatemi SH, et al. **Virchows Arch [Cell Pathol]** 1985;48(1):69–76

Effects of exogenous putrescine on the retinoic acid-induced reduction of 12-O-tetradecanoyl-phorbol-13-acetate-stimulated putrescine accumulation and rate of DNA synthesis in the hairless mouse epidermis. Paulsen JE.
Virchows Arch [Cell Pathol] 1984;46(3):199–204

X-ray sensitivity and DNA synthesis in synchronous culture of Plasmodium falciparum. Waki S, et al. **Z Parasitenkd** 1985;71(2):213–8

[Effects of Epimedium sagittatum and Cistanche deserticola on DNA synthesis in 'Yang-insufficiency' animal model induced by hydroxyurea] Liu FC.
Chung Hsi I Chieh Ho Tsa Chih 1984 Aug;4(8):488–90 (Eng. Abstr.) (Chi)

[Gastric acid secretion, prostaglandin E concentration and DNA synthesis in the gastric mucosa in burned rats] Wu YP. **Chung Hua Wai Ko Tsa Chih** 1984 Aug;22(8):464–7, 510 (Eng. Abstr.) (Chi)

[Effects of Astragalus saponin 1 on cAMP and cGMP levels in plasma and DNA synthesis in the regenerating liver] Zhang YD, et al. **Yao Hsueh Hsueh Pao** 1984 Aug; 19(8):619–21 (Eng. Abstr.) (Chi)

[Molecular biology studies of synovial fluid cells of patients with chronic polyarthritis after intra-articular prednisolone medication] Bröll H. **Wien Klin Wochenschr [Suppl]** 1984; 149:1–13 (Eng. Abstr.) (Ger)

[The effect of gold compounds on DNA synthesis and repair] Hoffer L, et al. **Wien Klin Wochenschr [Suppl]** 1984; 156:48–9 (Ger)

[DNA repair processes in thymus and spleen cells of rats in vitro as affected by the poly(ADP-ribose) polymerase inhibitor 3-aminobenzamide] Tempel K.
Zentralbl Veterinarmed [A] 1985 Feb;32(2):123–34 (Eng. Abstr.) (Ger)

[Verapamil inhibits the in vitro synthesis of DNA. I. Study of human lymphocyte cultures] Cesano L, et al.
Minerva Med 1985 Sep 15;76(34–35):1541–8 (Eng. Abstr.) (Ita)

[Verapamil inhibits DNA synthesis in vitro. II. Study of the MCF7 and Jurkat neoplastic cell lines] Cesano L, et al.
Minerva Med 1985 Sep 15;76(34–35):1549–52 (Eng. Abstr.) (Ita)

[Immunological studies on renal transplantation. II. Application of flow cytometry to mixed lymphocyte culture reaction] Kanda H, et al.
Nippon Hinyokika Gakkai Zasshi 1984 Jun;75(6):945–50 (Eng. Abstr.) (Jpn)

[Deoxyribonucleic acid and protein synthesis in delayed mouse blastocysts in vitro] Kubo H, et al.
Nippon Sanka Fujinka Gakkai Zasshi 1984 Aug; 36(8):1187–96 (Eng. Abstr.) (Jpn)

[The defensive effect of gastric mucus against carcinogenesis. Quantitative measurement of incorporation of N-[methyl-3H]-N'-nitro-N-nitrosoguanidine into gastric mucosal DNA] Torii A, et al.
Nippon Shokakibyo Gakkai Zasshi 1985 Mar;82(3):398–403 (Eng. Abstr.) (Jpn)

[DNA and DNA synthesis in the nervous system] Inoue N.
Tanpakushitsu Kakusan Koso 1984 Nov;29(12 Suppl):1117–29 (142 ref.) (Jpn)

[Circulation time and dynamics of 3H-thymidine incorporation into DNA at various stages of chick embryo development] Drobot GP, et al.
Arkh Anat Gistol Embriol 1985 May;88(5):71–6 (Eng. Abstr.) (Rus)

[Effect of rearing conditions on nucleic acid synthesis in the brain of rats of different genotypes] Vitvitskaia LV, et al.
Biol Nauki 1984;(8):26–31 (Eng. Abstr.) (Rus)

[Protein, RNA and DNA synthesis in skin fibroblast cultures from healthy donors and patients with rheumatic diseases] Abakumova OIu, et al. **Biull Eksp Biol Med** 1985 Feb; 99(2):156–8 (Eng. Abstr.) (Rus)

[Activation of cell division and nucleic acid synthesis in the corneal epithelium of white rats undergoing repeated exposure to stress] Berezhnova NI, et al.
Biull Eksp Biol Med 1984 Dec;98(12):727–8 (Eng. Abstr.) (Rus)

[Effect of 1,2:5,6-dianhydrogalactitol and 1,2:5,6-dianhydro-3,4-diacetylgalactitol on DNA synthesis in the cells of melanoma B16, bone marrow, small intestine epithelium, spleen and liver of mice] Sokolova IS, et al.
Biull Eksp Biol Med 1984 Sep;98(9):301–3 (Eng. Abstr.) (Rus)

[Macrophages do not inhibit the nuclei of nonmalignant proliferating cells entering into DNA synthesis in heterokaryons] Egorov EE, et al.
Dokl Akad Nauk SSSR 1985;280(4):1016–9 (Rus)

[Absence of an inhibiting effect of lymphocytes on cultured cell nuclei found in heterokaryons entering into DNA synthesis] Kushch AA, et al. **Dokl Akad Nauk SSSR** 1984; 279(4):990–3 (Rus)

[Effect of interferon on the formation of sister chromatid exchanges and DNA reparative synthesis in the leukocytes of Marfan's syndrome patients defective in the repair of induced DNA damage] Makedonov GP, et al.
Dokl Akad Nauk SSSR 1984;279(2):484–7 (Rus)

[Effect of hydrocortisone on DNA synthesis in proliferating bone marrow cells] Romashko OO, et al.
Gematol Transfuziol 1984 Aug;29(8):39–43 (Eng. Abstr.)

(Rus)

[Synthesis and cloning of DNA complementary to mRNA of the bovine mammary gland] Gorodetskii SI, et al. **Genetika (Moskva)** 1985 Feb;21(2):191–200 (Eng. Abstr.) (Rus)

[Method of determining the level of spontaneous uptake of 3H-thymidine by short-lived microcultures of whole blood] Iudin KB, et al. **Lab Delo** 1984;(11):686–8 (Eng. Abstr.) (Rus)

[Analogs of natural nucleosides and their 5'-triphosphates carrying the amino group in 3'-position—highly effective inhibitors of replication, repair and transcription] Kraevskii AA, et al. **Mol Biol (Mosk)** 1985 Jan–Feb;19(1):173–6 (Eng. Abstr.) (Rus)

[Regeneration of nucleic acid metabolism in rat bone marrow and spleen at prolonged intervals after lengthy fractionated irradiation] Kisel'gof EI, et al. **Radiobiologiia** 1984 Nov–Dec;24(6):817–20 (Eng. Abstr.) (Rus)

[Nucleic acid metabolism in rat hematopoietic tissues during and after prolonged administration of different doses of tritium oxide] Mushkacheva GS, et al. **Radiobiologiia** 1984 Nov–Dec;24(6):764–9 (Eng. Abstr.) (Rus)

[Dynamics of energy requirements, detoxication and biosynthesis of hepatocyte macromolecules in acute radiation injury] Sharygin VL, et al. **Radiobiologiia** 1985 Jul–Aug;25(4):462–8 (Eng. Abstr.) (Rus)

[DNA reduplication cycle during chromosome polytenization in the salivary gland cells of Chironomus thummi larvae. III. The determination of the duration of the DNA synthesis period] Gundrina LI, et al. **Tsitologiia** 1984 Aug;26(8):927–35 (Eng. Abstr.) (Rus)

[DNA synthesis and content and the accumulation of total protein and hemoglobin during the differentiation of primary erythroid cells in chickens] Karalova EM, et al. **Tsitologiia** 1985 Jan;27(6):663–9 (Eng. Abstr.) (Rus)

[DNA synthesis in the mono- and binuclear cells of regenerating rat liver after x-ray irradiation] Polishchuk AM, et al. **Tsitologiia** 1984 Aug;26(8):942–7 (Eng. Abstr.) (Rus)

[DNA synthesis in the nuclei of resting and proliferating cells of the NIH 3T3 line in monokaryons, homo- and heterodikaryons] Setkov NA, et al. **Tsitologiia** 1984 Jun;26(6):691–8 (Eng. Abstr.) (Rus)

[Dependence of the entry of NIH 3T3 cells into a period of DNA synthesis on the duration of their preliminary resting state] Setkov NA, et al. **Tsitologiia** 1984 Aug;26(8):936–41 (Eng. Abstr.) (Rus)

[DNA replication in mammalian cells after exposure to factors of a physical, chemical or biological nature. III. 5-Fluorodeoxyuridine induces DNA synthesis in cells not suppressed by gamma irradiation] Synzynys BI, et al. **Tsitologiia** 1985 Feb;27(2):236–40 (Eng. Abstr.) (Rus)

[Mechanisms and age-specific characteristics of nuclear DNA replication] Levitskii EL. **Ukr Biokhim Zh** 1984 Jul–Aug;56(4):460–72 (87 ref.) (Eng. Abstr.) (Rus)

[Biosynthesis of DNA and RNA in cultured cutaneous fibroblasts of patients with tubulopathies] Sivanova LA, et al. **Urol Nefrol (Mosk)** 1984 Nov–Dec;(6):64–8 (Eng. Abstr.) (Rus)

[Biosynthesis of nucleic acids and proteins in different time periods of development in experimental myocarditis] Paskevich IF, et al. **Vopr Med Khim** 1985 Jan–Feb;31(1):93–6 (Eng. Abstr.) (Rus)

[Biosynthesis of DNA and RNA in the liver under conditions of deficient nutrition and exposure to N-nitrosopiperidine] Sharmanov TSh, et al. **Vopr Med Khim** 1984 Jul–Aug;30(4):42–6 (Eng. Abstr.) (Rus)

[DNA synthesis in various sections of the brain and in the liver of the rat in early postnatal ontogeny] Vitvitskaia LV, et al. **Zh Evol Biokhim Fiziol** 1984 Nov–Dec;20(6):614–6 (Eng. Abstr.) (Rus)

[Sensitivity of the process of the formation of antigen-induced B-suppressors to DNA synthesis inhibitors] Akramov AR, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Mar;(3):82–6 (Eng. Abstr.) (Rus)

[Characteristics of the DNA-RNA-protein-synthesizing apparatus of cerebral cortex neurons as a result of prenatal exposure to alcohol] Kolomoets NS, et al. **Zh Nevropatol Psikhiatr** 1985;85(7):996–1000 (Eng. Abstr.) (Rus)

[Effects of iodine deficiency during intrauterine and early postnatal life on DNA synthesis in liver and brain of rats] Fábrega I, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):321–32 (Eng. Abstr.) (Spa)

BLOOD

DNA clastogenic activity of diethylstilbestrol. Birnboim HC. **Biochem Pharmacol** 1985 Sep 15;34(18):3251–7

Psoralen-DNA crosslink repair in human lymphocytes. Comparison of alkaline elution with electron microscopy. Bohr V, et al. **Biochim Biophys Acta** 1984 Nov 22;783(2):183–6

Detection of benzo(a)pyrene:DNA adducts in human white blood cells. Shamsuddin AK, et al. **Cancer Res** 1985 Jan;45(1):66–8

DNA content of micronuclei in human lymphocytes. Pincu M, et al. **Int J Radiat Biol** 1985 Apr;47(4):423–32

Potential Z-DNA-forming elements in serum DNA from human systemic lupus erythematosus. Van Helden PD. **J Immunol** 1985 Jan;134(1):177–9

Nucleosome core particles suppress the thermal untwisting of core DNA and adjacent linker DNA. Morse RH, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4653–7

[DNA damage in the cells of human peripheral blood subjected to endogenous and exogenous factors] Fedorov NA, et al. **Gematol Transfuziol** 1985 Jun;30(6):50–5 (77 ref.) (Rus)

[Combination staining for nucleic acids in lymphocytes] Suponitskii VIa. **Lab Delo** 1985;(1):59 (Rus)

[Cytophotometric study of the change in DNA content in the nuclei of human blood lymphocytes in systemic lupus erythematosus] Sakene VE, et al. **Tsitologiia** 1984 Oct;26(10):1212–6 (Eng. Abstr.) (Rus)

CHEMICAL SYNTHESIS

Synthesis of single-stranded hybridization probes from reusable DNA templates bound to solid support. Ashley PL, et al. **Anal Biochem** 1984 Jul;140(1):95–103

A novel strategy for constructing clustered point mutations. Haltiner M, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):1015–25

Polymer supported DNA synthesis using hydroxybenzotriazole activated phosphotriester intermediates. Marugg JE, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8639–51

Synthesis of phosphorothioate-containing DNA fragments by a modified hydroxybenzotriazole phosphotriester approach. Marugg JE, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):9095–110

A rapid deprotection procedure for phosphotriester DNA synthesis. Patel TP, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6853-9

Chemical synthesis of a gene for somatomedin C. Sproat BS, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2959–77

Scope of DNA cloning and chemical methods in development of chemotherapeutic agents. Narang SA, et al. **Pharmacol Ther** 1984;26(2):163–89 (174 ref.)

Chemical synthesis of a gene encoding the human complement fragment C5a and its expression in Escherichia coli. Mandecki W, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3543–7

DNA fragments containing d(O6Me)G: synthesis and physical studies. Gaffney BL, et al. **Prog Clin Biol Res** 1985;172A:369–77

[DNA synthesis by phosphotriester method] Date T, et al. **Tanpakushitsu Kakusan Koso** 1984 Dec;29(13):1523–31 (Jpn)

[A new type of DNA modification. Specific introduction of 3'-5'-pyrophosphate internucleotide bonds] Purmal' AA, et al. **Bioorg Khim** 1984 Mar;10(3):394–400 (Eng. Abstr.) (Rus)

[Rapid method of DNA assembly from synthetic oligodeoxynucleotides] Korobko VG, et al. **Dokl Akad Nauk SSSR** 1984;278(5):1250–3 (Rus)

DIAGNOSTIC USE

[Use of chromosome Y-specific DNA molecular probes for determination of the fetal sex during the 1st trimester of pregnancy (letter)] Goossens M, et al. **Presse Med** 1985 Feb 16;14(7):428 (Fre)

GENETICS

Non-random association of the polymorphic Taq I restriction site, located 3 KB 5' to the human delta-globin gene, with the polymorphic Hind III sites within the G gamma- and A gamma-globin genes. Poncet D, et al. **Acta Haematol (Basel)** 1984;72(4):217–20

Apolipoprotein genes, DNA polymorphisms and hyperlipidemia. Shoulders CC, et al. **Agents Actions [Suppl]** 1984;16:17–33

Bibliography of cloned human and other selected DNAs. Beaudet AL. **Am J Hum Genet** 1985 Mar;37(2):386–406

DNA analysis of first-trimester chorionic villous biopsies: test for maternal contamination. de Martinville B, et al. **Am J Hum Genet** 1984 Nov;36(6):1357–68

Discrimination among the human beta A, beta S, and beta C-globin genes using allele-specific oligonucleotide hybridization probes. Studencki AB, et al. **Am J Hum Genet** 1985 Jan;37(1):42–51

Restriction endonuclease analysis of Leishmania kinetoplast DNA characterizes parasites responsible for visceral and cutaneous disease. Jackson PR, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):808–19

DNA ploidy measurements in tissue sections. Fu YS, et al. **Anal Quant Cytol Histol** 1985 Jun;7(2):90–6

Prenatal diagnosis of hemoglobinopathies by DNA analysis. Kazazian HH Jr, et al. **Ann NY Acad Sci** 1985;445:337–48

Tissue specificity of 3'-untranslated sequence of myosin light chain gene: unexpected interspecies homology with repetitive DNA. Saidapet C, et al. **Arch Biochem Biophys** 1984 Sep;233(2):565–72

The use of polymorphic DNA and protein markers for the third complement component for determining linkage of familial hypercholesterolaemia. Humphries SE, et al. **Atherosclerosis** 1984 Sep;52(3):267–78

The molecular and hematological heterogeneity of alpha thalassemia. Trent RJ, et al. **Aust NZ J Med** 1984 Oct;14(5):660–6

Pseudouridylic modification of a 6S RNA transcribed in vitro from highly repetitive and transcribable (Hirt) sequences of salmon total DNA. Matsumoto K, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):514–22

Distribution of repeated DNA families in the human genome. Meneveri R, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):400–6

Nucleotide sequence of a cDNA clone for human aldolase: a messenger RNA in the liver. Sakakibara M, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):413–20

Identification of the G-genome donor to Triticum timopheevii by DNA:DNA hybridizations. Nath J, et al. **Biochem Genet** 1985 Feb;23(1–2):125–37

Expression of the cDNA for alpha 1-acid glycoprotein, a rat plasma protein, in Escherichia coli. Birch HE, et al. **Biochem Int** 1983 May;6(5):653–61

Structure of mouse interferon-beta cDNA clones: sequence rearrangements in a cloned cDNA. Vodjdani G, et al. **Biochem Int** 1985 Mar;10(3):495–505

Truncated repeated sequences generated by recombination in a specific region. Eden FC. **Biochemistry** 1985 Jan 1;24(1):229–33

Cloning of a repeat sequence from human DNA which contains a BamHI site. Ceccherini-Nelli L, et al. **Biochim Biophys Acta** 1985 May 24;825(1):89–91

Left-handed Z-DNA. Leng M. **Biochim Biophys Acta** 1985 Aug 21;825(4):339–44 (70 ref.)

Enhancer elements share local homologous twist-angle variations with a helical periodicity. Nussinov R, et al. **Biochim Biophys Acta** 1984 Dec 14;783(3):246–57

DNA methylation patterns. Formation and function. Razin A, et al. **Biochim Biophys Acta** 1984 Sep 10;782(4):331–42 (99 ref.)

Long interspersed sequences in mammalian DNA. Properties of newly identified specimens. Rogers JH. **Biochim Biophys Acta** 1985 Feb 20;824(2):113–20

Structural organization of interspersed repetitive elements present in the DNA of Mus musculus. Tolberg ME, et al. **Biochim Biophys Acta** 1984 Dec 14;783(3):272–82

Cloning cDNAs corresponding to the 5' end of messenger RNAs using specific DNA primers. Dagorn JC, et al. **Biochimie** 1984 Nov–Dec;66(11–12):673–9

Construction and partial characterization of a human liver cDNA library. Coutelle C, et al. **Biomed Biochim Acta** 1985;44(3):421–31

Post-meiotic transcription in mouse testes detected with spermatid cDNA clones. Fujimoto H, et al. **Biosci Rep** 1984 Dec;4(12):1037–44

(A gamma delta beta)0-Thalassaemia in Blacks is due to a deletion of 34 kbp of DNA. Henthorn PS, et al. **Br J Haematol** 1985 Feb;59(2):343–56

Isolation and expression of complementary DNAs encoding the human interleukin 2 receptor. Greene WC, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4563s–4567s

Identification of the sequence responsible for the nuclear accumulation of the influenza virus nucleoprotein in Xenopus oocytes. Davey J, et al. **Cell** 1985 Mar;40(3):667–75

Chloroplast DNA deletions associated with wheat plants regenerated from pollen: possible basis for maternal inheritance of chloroplasts. Day A, et al. **Cell** 1984 Dec;39(2 Pt 1):359–68

Barbara McClintock's controlling elements: now at the DNA level. Döring HP, et al. **Cell** 1984 Dec;39(2 Pt 1):253–9

Human DNA sequences homologous to a protein coding region conserved between homeotic genes of Drosophila. Levine M, et al. **Cell** 1984 Oct;38(3):667–73

Apurinic sites as mutagenic intermediates. Loeb LA. **Cell** 1985 Mar;40(3):483–4 (19 ref.)

Molecular cloning and chromosome mapping of a mouse DNA sequence homologous to homeotic genes of Drosophila. McGinnis W, et al. **Cell** 1984 Oct;38(3):675–80

Chromosomal and nuclear distribution of the HindIII 1.9-kb human DNA repeat segment. Manuelidis L, et al. **Chromosoma** 1984;91(1):28–38

DNA polymorphism of the RC8 probe on the X-chromosome. Identification of a new DNA variant with the TaqI enzyme. Børresen AL, et al. **Clin Genet** 1985 Apr;27(4):411–3

Carrier detection in Becker muscular dystrophy using creatine kinase estimation and DNA analysis. Kingston HM, et al. **Clin Genet** 1985 Apr;27(4):383–91

Recombination at the DNA level. **Cold Spring Harbor Symp Quant Biol** 1984;49:1–852

The recombination and integration of DNAs introduced into mouse L cells. Brenner DA, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:151–60

Analysis of homologous recombination in cultured mammalian cells. Folger K, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:123–38

Homologous recombination in mouse L cells. Lin FL, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:139–49

Homologous recombination with DNA introduced into mammalian cells. Smithies O, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:161–70

DNA homologies between the rainbow trout, chum salmon and coho salmon. Thorgaard GH, et al. **Comp Biochem Physiol [B]** 1985;81(1):81–5

Plasmid, phage, and genomic DNA-mediated transfer and expression of prokaryotic and eukaryotic genes in cultured human cells. Srivatsan ES, et al. **Cytogenet Cell Genet** 1984;38(3):227–34

3-Aminobenzamide-induced sister chromatid exchanges are dependent on incorporated bromodeoxyuridine in DNA. Zwanenburg TS, et al. **Cytogenet Cell Genet** 1984;38(4):278–81

Molecular cloning of a cDNA complementary to a UDP-glucose pyrophosphorylase mRNA of dictyostelium discoideum. Fishel BR, et al. **Dev Biol** 1985 Aug; 110(2):369–81

Transcription of a long, interspersed, highly repeated DNA element in Xenopus laevis. Kay BK, et al. **Dev Biol** 1984 Oct;105(2):518–25

Complete nucleotide sequence of a cDNA derived from calf lens gamma-crystallin mRNA: presence of Alu I-like DNA sequences. Bhat SP, et al. **DNA** 1984 Aug;3(4):287–95

Revised sequence of full-length complementary DNA coding for human alpha 1-antitrypsin. Colau B, et al. **DNA** 1984 Aug;3(4):327–30

Chromogenic immunodetection of human serum albumin and alpha-L-fucosidase clones in a human hepatoma cDNA expression library. de Wet JR, et al. **DNA** 1984 Dec; 3(6):437–47

Use of unpurified synthetic deoxynucleotide primers for rapid dideoxynucleotide chain termination sequencing. Sanchez-Pescador R, et al. **DNA** 1984 Aug;3(4):339–43

Oligonucleotide-directed mutagenesis using plasmid DNA templates and two primers. Schold M, et al. **DNA** 1984 Dec;3(6):469–77

Extensive DNA sequence homologies between the human Y and the long arm of the X chromosome. Geldwerth D, et al. **EMBO J** 1985 Jul;4(7):1739–43

Isolation and characterization of a human p53 cDNA clone: expression of the human p53 gene. Matlashewski G, et al. **EMBO J** 1984 Dec 20;3(13):3257–62

Specificity of mutations induced in transfected DNA by mammalian cells. Miller JH, et al. **EMBO J** 1984 Dec 20; 3(13):3117–21

Distinct epitopes are recognized by cytolytic T lymphocyte clones on the same class I molecule: direct demonstration using DNA-transfected targets and long-term cytolytic T cell clones. McLaughlin-Taylor E, et al. **Eur J Immunol** 1984 Nov;14(11):969–74

Enhancement of DNA-mediated gene transfer by inhibitors of autophagic-lysosomal function. Ege T, et al. **Exp Cell Res** 1984 Nov;155(1):9–16

Molecular cloning and nucleotide sequence of a cDNA clone coding for rat brain myelin proteolipid. Dautigny A, et al. **FEBS Lett** 1985 Aug 19;188(1):33–6

Stable secondary structures at the 3'-end of the genome of yellow fever virus (17 D vaccine strain). Grange T, et al. **FEBS Lett** 1985 Aug 19;188(1):159–63

Molecular cloning of a full-length cDNA encoding the hemagglutinin-neuraminidase glycoprotein of Sendai virus. Miura N, et al. **FEBS Lett** 1985 Aug 19;188(1):112–6

Isolation and characterization of cDNA clones for human liver fibronectin. Umezawa K, et al. **FEBS Lett** 1985 Jul 1;186(1):31–4

Molecular cloning and identification of cDNA recombinants coding for bovine prochymosin in E. coli. Liebscher DH, et al. **Folia Biol (Praha)** 1985;31(2):81–92

Use of primer-restriction-end adapters in a novel cDNA cloning strategy. Coleclough C, et al. **Gene** 1985; 34(2–3):305–14

Isolation of a cDNA clone containing a sequence complementary to the intestinal calcium-binding protein of the chick. Ferrari S, et al. **Gene** 1984 Oct;30(1–3):233–6

Methods for cDNA cloning and sequencing tobacco mosaic virus RNA. Goelet P, et al. **Gene** 1984 Sep;29(3):331–42

Vectors for the direct selection of cDNA clones corresponding to mammalian cell mRNA of low abundance. Kowalski J, et al. **Gene** 1985;35(1–2):45–54

Expression of human dihydrofolate reductase cDNA and its induction by chloramphenicol in Bacillus subtilis. Morandi C, et al. **Gene** 1984 Oct;30(1–3):69–77

Cloning of the newt Pleurodeles waltlii chromosomal DNA. Muller JP, et al. **Gene** 1985;35(1–2):209–15

Molecular cloning of a cDNA for Chinese hamster ovary asparagine synthetase. Ray PN, et al. **Gene** 1984 Oct; 30(1–3):1–9

Statistical properties of the number of recombination events in the history of a sample of DNA sequences. Hudson RR, et al. **Genetics** 1985 Sep;111(1):147–64

A model of duplicative transposition and gene conversion for repetitive DNA families. Ohta T. **Genetics** 1985 Jul; 110(3):513–24

Different rates of divergence in highly repetitive DNA of cetaceans. Arnason U, et al. **Hereditas** 1984;101(2):171–7

DNA polymorphism and molecular pathology of the human globin gene clusters. Antonarakis SE, et al. **Hum Genet** 1985;69(1):1–14 (112 ref.)

An estimate of unique DNA sequence heterozygosity in the human genome. Cooper DN, et al. **Hum Genet** 1985; 69(3):201–5

The gene in search of an identity. Falk R. **Hum Genet** 1984; 68(3):195–204 (46 ref.)

X-linked dominant Charcot-Marie-Tooth disease: suggestion of linkage with a cloned DNA sequence from the proximal Xq. Gal A, et al. **Hum Genet** 1985;70(1):38–42

Optimising human chromosome separation for the production of chromosome-specific DNA libraries by flow sorting. Harris P, et al. **Hum Genet** 1985;70(1):59–65

Genetic changes in mammalian cells reminiscent of an SOS response. Herrlich P, et al. **Hum Genet** 1984;67(4):360–8

Identification of a case of Y:18 translocation using a Y-specific repetitive DNA probe. Lau YF, et al. **Hum Genet** 1985;69(2):102–5

DNA polymorphism in the 5' flanking region of the human carbonic anhydrase II gene on chromosome 8. Lee BL, et al. **Hum Genet** 1985;69(4):337–9

DNA probe localization at 18p113 band by in situ hybridization and identification of a small supernumerary chromosome. Mattei MG, et al. **Hum Genet** 1985; 69(3):268–71

Restriction fragment length polymorphisms at the human parathyroid hormone gene locus. Schmidtke J, et al. **Hum Genet** 1984;67(4):428–31

A male with a monocentric Yq isochromosome and presence of a Yp-specific DNA sequence. Schmidtke J, et al. **Hum Genet** 1985;69(2):135–7

Lethal osteogenesis imperfecta and a collagen gene deletion. Length polymorphism provides an alternative explanation. Sykes BC, et al. **Hum Genet** 1985;70(1):35–7

Genomic hybridization with class II transplantation antigen cDNA probes as a complementary technique in tissue typing. Andersson M, et al. **Hum Immunol** 1984 Oct; 11(2):57–67

DNA sequence amplification in mammalian cells. Hamlin JL, et al. **Int Rev Cytol** 1984;90:31–82 (209 ref.)

The origin and evolution of retroposons. Rogers JH. **Int Rev Cytol** 1985;93:187–279 (631 ref.)

Comparison of physical and genetic properties of palindromic DNA sequences. Warren GJ, et al. **J Bacteriol** 1985 Mar; 161(3):1103–11

B-Z DNA junctions contain few, if any, nonpaired bases at physiological superhelical densities. Kang DS, et al. **J Biol Chem** 1985 Jun 25;260(12):7783–90

Cloning and structural analysis of DNA encoding an A2B1a subunit of glycinin. Marco YA, et al. **J Biol Chem** 1984 Nov 10;259(21):13436–41

Molecular cloning of cDNA sequences for rat alpha 2-macroglobulin and measurement of its transcription during experimental inflammation. Northemann W, et al. **J Biol Chem** 1985 May 25;260(10):6200–5

Nucleotide sequence of cloned cDNA specific for rat ribosomal protein S11. Tanaka T, et al. **J Biol Chem** 1985 May 25;260(10):6329–33

Genetics, evolution, and expression of the 68,000-mol-wt neurofilament protein: isolation of a cloned cDNA probe. Lewis SA, et al. **J Cell Biol** 1985 Mar;100(3):843–50

A structural analysis of the role of the nuclear matrix and DNA loops in the organization of the nucleus and chromosome. Pienta KJ, et al. **J Cell Sci [Suppl]** 1984; 1:123–35

Origin of cell populations after bone marrow transplantation. Analysis using DNA sequence polymorphisms. Ginsburg D, et al. **J Clin Invest** 1985 Feb;75(2):596–603

Genes and morphogenesis––challenges for developmental biology. Slavkin HC. **J Craniofac Genet Dev Biol** 1985; 5(1):1–3

DNA methylation versus gene expression. Bird AP. **J Embryol Exp Morphol** 1984 Nov;83 Suppl:31–40

Stable expression of cDNA encoding the human interleukin 2 receptor in eukaryotic cells. Greene WC, et al. **J Exp Med** 1985 Jul 1;162(1):363–8

Restriction fragment length polymorphism of the gene encoding the alpha chain of the human T cell receptor. Hoover ML, et al. **J Exp Med** 1985 Sep 1;162(3):1087–92

cDNA cloning of the murine transferrin receptor: sequence of trans-membrane and adjacent regions. Stearne PA, et al. **J Immunol** 1985 May;134(5):3474–9

Potential Z-DNA-forming elements in serum DNA from human systemic lupus erythematosus. Van Helden PD. **J Immunol** 1985 Jan;134(1):177–9

Detection of rotaviruses by nucleic acid hybridization with cloned DNA of simian rotavirus SA11 genes. Dimitrov DH, et al. **J Infect Dis** 1985 Aug;152(2):293–300

beta +-Thalassaemia in the Po river delta region (northern Italy): genotype and beta globin synthesis. Del Senno L, et al. **J Med Genet** 1985 Feb;22(1):54–8

Genetic recombination of Xenopus laevis 5 S DNA in bacteria. Carroll D, et al. **J Mol Biol** 1984 Sep 15; 178(2):155–72

Complete complementary DNA of rat tyrosine aminotransferase messenger RNA. Deduction of the primary structure of the enzyme. Grange T, et al. **J Mol Biol** 1985 Jul 20;184(2):347–50

Efficient expression of cloned complementary DNAs for secretory proteins after injection into Xenopus oocytes. Krieg P, et al. **J Mol Biol** 1984 Dec 15;180(3):615–43

DNA rearrangements of the actin gene cluster in Caenorhabditis elegans accompany reversion of three muscle mutants. Landel CP, et al. **J Mol Biol** 1984 Dec 15;180(3):497–513

Extrachromosomal DNA forms of copia-like transposable elements, F elements and middle repetitive DNA sequences in Drosophila melanogaster. Variation in cultured cells and embryos. Mossie KG, et al. **J Mol Biol** 1985 Mar 5; 182(1):31–43

DNA sequence of the white locus of Drosophila melanogaster. O'Hare K, et al. **J Mol Biol** 1984 Dec 15; 180(3):437–55

Bovine beta-crystallin complementary DNA clones. Alternating proline/alanine sequence of beta B1 subunit originates from a repetitive DNA sequence. Quax-Jeuken Y, et al. **J Mol Biol** 1984 Dec 15;180(3):457–72

Clustered and interspersed repetitive DNA sequence family of Chironomus. The nucleotide sequence of the Cla-elements and of various flanking sequences. Schmidt ER. **J Mol Biol** 1984 Sep 5;178(1):1–15

Markov chain analysis finds a significant influence of neighboring bases on the occurrence of a base in eucaryotic nuclear DNA sequences both protein-coding and noncoding. Blaisdell BE. **J Mol Evol** 1984–85;21(3):278–88

Information content and one point mutations in DNA. Sitaram BR, et al. **J Theor Biol** 1984 Oct 21;110(4):523–32

Cloning and characterization of DNA complementary to the canine distemper virus mRNA encoding matrix, phosphoprotein, and nucleocapsid protein. Rozenblatt S, et al. **J Virol** 1985 Feb;53(2):691–4

Specificity of initiation of plus-strand DNA by Rous sarcoma virus. Smith JK, et al. **J Virol** 1984 Nov;52(2):314–9

A common DNA polymorphism of the low-density lipoprotein (LDL) receptor gene and its use in diagnosis. Humphries SE, et al. **Lancet** 1985 May 4;1(8436):1003–5

DNA in medicine. New routes to drugs, diagnostic agents, and vaccines. Murray K. **Lancet** 1984 Nov 24; 2(8413):1194–8

Prenatal exclusion of ornithine transcarbamylase deficiency by direct gene analysis. Old JM, et al. **Lancet** 1985 Jan 12;1(8420):73–5

DNA juggling in the immune system. Rabbitts TH. **Lancet** 1984 Nov 10;2(8411):1086–8

A simple sensitive prenatal test for hydrops fetalis caused by alpha-thalassaemia. Rubin EM, et al. **Lancet** 1985 Jan 12;1(8420):75–7

High-density lipoprotein composition is altered by a common DNA polymorphism adjacent to apoprotein AII gene in man. Scott J, et al. **Lancet** 1985 Apr 6;1(8432):771–3

DNA in medicine. The tools. Part I. Steel CM. **Lancet** 1984 Oct 20;2(8408):908–11 concl

DNA in medicine. The tools. Part II. Steel CM. **Lancet** 1984 Oct 27;2(8409):966–8

A new DNA polymorphism for prenatal diagnosis of beta-thalassaemia in Mediterranean populations. Wainscoat JS, et al. **Lancet** 1984 Dec 8;2(8415):1299–301

DNA and its message. Wolpert L. **Lancet** 1984 Oct 13; 2(8407):853–6

Localization of chromosomal DNA sequences homologous to ribosomal gene type I insertion DNA in Drosophila melanogaster. Cantú ES, et al. **MGG** 1984;196(2):345–9

Effect of concentration on the subsequent fate of plasmid DNA in human fibroblasts. Mooibroek H, et al. **MGG** 1985; 199(1):82–8

Chromosomal assignments of three random RFLP loci defined by base-pair changes in MspI sites. de Martinville B, et al. **Mol Biol Med** 1983 Nov;1(4):415–24

A DNA polymorphism adjacent to the human apolipoprotein CII gene. Humphries SE, et al. **Mol Biol Med** 1983 Dec; 1(5):463–71

Antenatal diagnosis of the haemoglobin disorders by analysis of foetal DNA. Weatherall DJ, et al. **Mol Biol Med** 1983 Jul;1(1):151–5

Transcription of repetitive DNA in condensed plant chromatin. Nagl W, et al. **Mol Biol Rep** 1985 Apr; 10(3):143–6

Is there a higher level genetic code that directs evolution? Caporale LH. **Mol Cell Biochem** 1984 Sep;64(1):5–13

Genetic modifications during cellular aging. Goldstein S, et al. **Mol Cell Biochem** 1984 Sep;64(1):15–30 (115 ref.)

Repetitive DNA sequences within and around the rat prolactin gene. Weber JL, et al. **Mol Cell Biochem** 1985 Jan;65(2):171–9

Sequence specificities in the interactions of chemicals and radiations with DNA. Wilkins RJ. **Mol Cell Biochem** 1984 Sep;64(2):111–26 (78 ref.)

High spontaneous mutation frequency in shuttle vector sequences recovered from mammalian cellular DNA. Ashman CR, et al. **Mol Cell Biol** 1984 Nov;4(11):2266–72

Micronuclear DNA of Oxytricha nova contains sequences with autonomously replicating activity in Saccharomyces cerevisiae. Colombo MM, et al. **Mol Cell Biol** 1984 Sep; 4(9):1725–9

Nonreciprocal exchanges of information between DNA duplexes coinjected into mammalian cell nuclei. Folger KR, et al. **Mol Cell Biol** 1985 Jan;5(1):59–69

The minimum amount of homology required for homologous recombination in mammalian cells. Rubnitz J, et al. **Mol Cell Biol** 1984 Nov;4(11):2253–8

Properties of some monkey DNA sequences obtained by a procedure that enriches for DNA replication origins. Zannis-Hadjopoulos M, et al. **Mol Cell Biol** 1985 Jul; 5(7):1621–9

Comparative mutagenic efficiencies of the DNA adducts from the cooked-food-related mutagens Trp-P-2 and IQ in CHO cells. Brookman KW, et al. **Mutat Res** 1985 Apr; 149(2):249–55

Methylation-induced blocks to in vitro DNA replication. Larson K, et al. **Mutat Res** 1985 Jun–Jul;150(1–2):77–84

Hemophilia A. Detection of molecular defects and of carriers by DNA analysis. Antonarakis SE, et al. **N Engl J Med** 1985 Oct 3;313(14):842–8

The search for the ultimate cause of maleness [editorial] Kidd KK. **N Engl J Med** 1985 Jul 25;313(4):260–1

Evidence that the human Y chromosome does not contain clustered DNA sequences (BKM) associated with heterogametic sex determination in other vertebrates. Kiel-Metzger K, et al. **N Engl J Med** 1985 Jul 25; 313(4):242–5

DNA methylation and G+C rich DNA [letter] Adams RL, et al. **Nature** 1984 Nov 29–Dec 5;312(5993):407–8

Selfish DNA and the origin of introns [letter] Cavalier-Smith

T. **Nature** 1985 May 23-29;315(6017):283-4

Cell-surface antigens expressed on L-cells transfected with whole DNA from non-expressing and expressing cells. Hsu C, et al. **Nature** 1984 Nov 1-7;312(5989):68-9

Machine-readable DNA sequences [letter] Lathe R, et al. **Nature** 1984 Oct 18-24;311(5987):610

Reconstitution of an active surface T3/T-cell antigen receptor by DNA transfer. Ohashi PS, et al. **Nature** 1985 Aug 15-21;316(6029):606-9

An RFLP detecting single copy X-chromosome fragment, dic56, from Xp22-Xpter [HGM8 assignment no. DXS 143]. Middlesworth W, et al. **Nucleic Acids Res** 1985 Aug 12; 13(15):5723

Unique sequences are interspersed among tandemly repeated elements in the murine gamma 1 switch segment. Mowatt M, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):225-37

Conserved 5' flank homologies in dipteran 5S RNA genes that would function on 'A' form DNA. Rubacha A, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8193-207

An anonymous single-copy X-chromosome RFLP for DXS72 from Xq13-Xq22 [HGM8 provisional no. DXS72]. Schmeckpeper BJ, et al. **Nucleic Acids Res** 1985 Aug 12; 13(15):5724

Does the 'non-coding' strand code? Sharp PM. **Nucleic Acids Res** 1985 Feb 25;13(4):1389-97

The statistical distribution of nucleic acid similarities. Smith TF, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):645-56

Optimizing selection of restriction enzymes in the search for DNA variants. Wijsman EM. **Nucleic Acids Res** 1984 Dec 11;12(23):9209-26

The relation of three-dimensional DNA structure to DNA repair as studied by nucleoid sedimentation. Mattern MR. **Nucleic Acids Symp Ser** 1984;(13):35-50

Role of DNA lesions and repair in the transformation of human cells. Maher VM, et al. **Pharmacol Ther** 1984; 25(3):395-408 (52 ref.)

Processing of complex heteroduplexes in Escherichia coli and Cos-1 monkey cells. Abastado JP, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5792-6

Specific DNA rearrangements in synchronously developing nuclei of Tetrahymena. Austerberry CF, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7383-7

Expression of human alpha 1-antitrypsin cDNA in the yeast Saccharomyces cerevisiae. Cabezón T, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6594-8

Sex determination: a hypothesis based on noncoding DNA. Chandra HS. **Proc Natl Acad Sci USA** 1985 Feb; 82(4):1165-9

Insertion of long interspersed repeated elements at the Igh (immunoglobulin heavy chain) and Mlvi-2 (Moloney leukemia virus integration 2) loci of rats. Economou-Pachnis A, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2857-61

Cloning and sequencing of cDNA encoding the complete mouse liver alcohol dehydrogenase. Edenberg HJ, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2262-6

Molecular cloning of a cDNA for human alpha-L-fucosidase. Fukushima H, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1262-5

Isolation of a cDNA clone for the liver cell adhesion molecule (L-CAM). Gallin WJ, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2809-13

Molecular cloning of a full-length cDNA for human alcohol dehydrogenase. Ikuta T, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2703-7

Nucleotide sequence of cDNA encoding human alpha 2-macroglobulin and assignment of the chromosomal locus. Kan CC, et al. **Proc Natl Acad Sci USA** 1985 Apr; 82(8):2282-6

Comparative statistics for DNA and protein sequences: multiple sequence analysis. Karlin S, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6186-90

Effect of regional DNA methylation on gene expression. Keshet I, et al. **Proc Natl Acad Sci USA** 1985 May; 82(9):2560-4

A highly polymorphic locus in human DNA revealed by cosmid-derived probes. Litt M, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6206-10

cDNA clones encoding IgE-binding factors from a rat-mouse T-cell hybridoma. Martens CL, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2460-4

Predicted protein sequence of the murine I-E-beta S-polypeptide chain from cDNA and genomic clones. Mengle-Gaw L, et al. **Proc Natl Acad Sci USA** 1985 May; 82(9):2910-4

The telomeric region of the human X chromosome long arm: presence of a highly polymorphic DNA marker and analysis of recombination frequency. Oberlé I, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2824-8

Isolation of cDNA clones coding for the beta subunit of human beta-hexosaminidase. O'Dowd BF, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1184-8

Isolation and sequence of a human cytochrome P-450 cDNA clone. Phillips IR, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):983-7

Identification of cDNA clones encoding a precursor of rat liver cathepsin B. San Segundo B, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2320-4

Evidence that a major class of mouse endogenous long terminal repeats (LTRs) resulted from recombination between exogenous retroviral LTRs and similar LTR-like elements (LTR-IS). Schmidt M, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6696-700

Caenorhabditis elegans DNA that directs segregation in yeast cells. Stinchcomb DT, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4167-71

A 12-base-pair DNA motif that is repeated several times in metallothionein gene promoters confers metal regulation to a heterologous gene. Stuart GW, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7318-22

Tandemly repeated nonribosomal DNA sequences in the chloroplast genome of an Acetabularia mediterranea strain. Tymms MJ, et al. **Proc Natl Acad Sci USA** 1985 Mar; 82(6):1706-10

Structure of a human histone cDNA: evidence that basally expressed histone genes have intervening sequences and encode polyadenylylated mRNAs. Wells D, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2834-8

Complete primary structures of two major murine serum amyloid A proteins deduced from cDNA sequences. Yamamoto K, et al. **Proc Natl Acad Sci USA** 1985 May; 82(9):2915-9

DNA polymorphisms in collagen genes: potential use in the study of disease. Børresen AL, et al. **Prog Clin Biol Res** 1985;177:37-51

The genomic sequencing technique. Church GM, et al. **Prog Clin Biol Res** 1985;177:17-21

DNA methylation and expression of baboon globin genes. DeSimone J, et al. **Prog Clin Biol Res** 1984;165:59-72

Gene mapping and myotonic dystrophy. Harper PS, et al. **Prog Clin Biol Res** 1985;177:61-76

Restriction fragment length polymorphisms (RFLP's) and their use in mapping the human genome. Pearson PL. **Prog Clin Biol Res** 1985;177:23-36

The mosaic genome of warm-blooded vertebrates. Bernardi G, et al. **Science** 1985 May 24;228(4702):953-8

Alignment of rat cardionatrin sequences with the preprocardionatrin sequence from complementary DNA. Flynn TG, et al. **Science** 1985 Apr 19;228(4697):323-5

Human dioxin-inducible cytochrome P1-450: complementary DNA and amino acid sequence. Jaiswal AK, et al. **Science** 1985 Apr 5;228(4695):80-3

DNA elements are asymmetrically joined during the site-specific recombination of kappa immunoglobulin genes. Lewis S, et al. **Science** 1985 May 10; 228(4700):677-85

Hopping along the chromosome [news] Marx JL. **Science** 1985 May 31;228(4703):1080

Molecular cloning of the complementary DNA for human tumor necrosis factor. Wang AM, et al. **Science** 1985 Apr 12;228(4696):149-54

Identification of human glucocorticoid receptor complementary DNA clones by epitope selection. Weinberger C, et al. **Science** 1985 May 10;228(4700):740-2

Amphotericin B enhances efficiency of DNA-mediated gene transfer in mammalian cells. Hidaka K, et al. **Somatic Cell Mol Genet** 1985 Mar;11(2):109-15

Novel approach for restriction mapping repetitive DNA elements using DNA transformation. Lo CW. **Somatic Cell Mol Genet** 1985 Sep;11(5):455-65

Identification and localization of DNA alteration in Chinese hamster ovary cell mutants (Urd-) defective in the first three enzymes of de novo pyrimidine synthesis. Patterson D, et al. **Somatic Cell Mol Genet** 1985 Jul;11(4):379-90

Rapid and quantitative detection of unique sequence donor DNA in extracts of cultured mammalian cells: an aid to chromosome mapping. Porteous DJ. **Somatic Cell Mol Genet** 1985 Sep;11(5):445-54

[Diagnosis of genetic disorders by DNA analysis] Güttler F. **Nord Med** 1985;100(5):144-7 (Eng. Abstr.) (Dan)

[Hypotheses on the evolution of DNA and organic beings] Berger G. **C R Acad Sci [III]** 1984;299(10):405-8 (Eng. Abstr.) (Fre)

[Strategies for the detection of DNA polymorphism in human populations] Bastié-Sigeac F, et al. **Rev Fr Transfus Immunohematol** 1985 Feb;28(1):27-44 (Eng. Abstr.) (Fre)

[Progress of research on HLA and transplantation immunology, with special reference to class II antigen compatibility and DR antigen] Tsuji K, et al. **Nippon Rinsho** 1985 Jan;43(1):114-22 (Jpn)

[Molecular cloning of chloroplasts genes—chloroplast DNA replication origin and transcriptional promoters] Ohyama K. **Tanpakushitsu Kakusan Koso** 1985 Mar;30(3):184-96 (112 ref.) (Jpn)

[Structure of an inverted repeat sequence in chloroplast DNA] Sugita M, et al. **Tanpakushitsu Kakusan Koso** 1984 Nov;29(11):875-88 (83 ref.) (Jpn)

[Effective method of oligonucleotide-controlled mutagenesis of DNA fragments] Efimov VA, et al. **Bioorg Khim** 1985 May;11(5):621-7 (Eng. Abstr.) (Rus)

[Primary structure of cDNA of Bos taurus kappa-casein macropeptide] Gorodetskii SI, et al. **Bioorg Khim** 1983 Dec; 9(12):1693-5 (Eng. Abstr.) (Rus)

[Construction of a gene library using partial filling of DNA sticky ends] Zabarovskii ER, et al. **Bioorg Khim** 1985 Jun; 11(6):849-52 (Eng. Abstr.) (Rus)

[Repetitive sequences of the A2 genome family in mice: size and transcription characteristics] Bukrinskii MI, et al. **Dokl Akad Nauk SSSR** 1984 Sep-Oct;278(1):231-3 (Rus)

[Inverted interconnected base sequences in the Alu, HindIII and KpnI structure of DNA repetitive sequences] Korotkov EV, et al. **Dokl Akad Nauk SSSR** 1985; 280(6):1472-5 (Rus)

[Stable changes in the nuclear matrix activity and DNA structure of the liver in rats due to neonatal induction of gene expression] Salganik RI, et al. **Dokl Akad Nauk SSSR** 1985;281(5):1237-41 (Rus)

[Mapping of the ceruloplasmin gene on human and laboratory mouse chromosomes by direct in situ hybridization] Baranov VS, et al. **Genetika (Moskva)** 1985 Mar; 21(3):409-19 (Eng. Abstr.) (Rus)

[Mapping of the transferrin gene in laboratory rats, mice and man by direct in situ hybridization] Baranov VS, et al. **Genetika (Moskva)** 1984 Oct;20(10):1584-93 (Eng. Abstr.) (Rus)

[Use of specific DNA probes for mapping the ceruloplasmin gene on rat chromosomes by direct in situ hybridization] Baranov VS, et al. **Genetika (Moskva)** 1985 Jan;21(1):23-30 (Eng. Abstr.) (Rus)

[Characteristics of the transcription activity of liver nuclear DNA in long-term adaptation to altitude hypoxia] Komolova GS, et al. **Izv Akad Nauk SSSR [Biol]** 1985 Jan-Feb;(1):25-30 (Eng. Abstr.) (Rus)

[Structural organization of the non-transcribed spacer of the rat ribosomal repeated sequence] Avdonina TA, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):412-24 (Eng. Abstr.) (Rus)

[The basis of high-fidelity translation] El'skaia AV, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1163-80 (170 ref.) (Eng. Abstr.) (Rus)

[Introduction of DNA sequences of Rous sarcoma virus into Drosophila and mouse genomes by microinjections into ova] Gazarian KG, et al. **Mol Biol (Mosk)** 1985 May-Jun; 19(3):760-6 (Eng. Abstr.) (Rus)

[Localization of regions of DNA attachment to the nuclear skeleton within chicken alpha-globin genes in functionally active and functionally inactive nuclei] Razin SV, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):456-66 (Eng. Abstr.) (Rus)

[5S genes of the loach: determination of the primary structure of the transcription termination region and nontranscribed spacer] Shostak NG, et al. **Mol Biol (Mosk)** 1985 Mar-Apr; 19(2):433-7 (Eng. Abstr.) (Rus)

[Organization of genes coding for 5S rRNA in the loach Misgurnus fossilis L.] Shostak NG, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1352-62 (Eng. Abstr.) (Rus)

[Does DNA alone determine the development of the organism? (the information aspect of the problem)] Neifakh AA. **Ontogenez** 1985 Jan-Feb;16(1):15-25 (Eng. Abstr.) (Rus)

[Heterochromatin of the human Y chromosome as an example of selfish DNA] Zakharov IA, et al. **Tsitol Genet** 1985 Jan-Feb;19(1):57-60 (Eng. Abstr.) (Rus)

[Genetic transformation of somatic cells. IV. The rate of loss of transformant phenotype depends on the structure of the transforming DNA and changes when the cells are treated with the tumor promotor 12-o-tetradecanoyl-phorbol-13-acetate] Glebov OK, et al. **Tsitologiia** 1985 May;27(5):572-81 (Eng. Abstr.) (Rus)

[Genetic transformation of somatic cells. VI. Transfer of the trait of the rate of loss of transformant phenotype by means of DNA from cells containing the thymidine kinase gene of the herpes simplex virus] Glebov OK, et al. **Tsitologiia** 1985 Jun;27(6):678-87 (Eng. Abstr.) (Rus)

[Genetic transformation of somatic cells. III. An analysis of the status of the plasmid nucleotide sequences in the extrachromosomal DNA of transformant clone cells and the rescue of extrachromosomal molecules of the plasmid DNA] Tomilin NV, et al. **Tsitologiia** 1985 May; 27(5):565-71 (Eng. Abstr.) (Rus)

[Genetic transformation of somatic cells. II. An analysis of the status of the plasmid nucleotide sequences in chromosomal DNA and the thymidine kinase activity in transformant clone cells] Tomilin NV, et al. **Tsitologiia** 1985 May;27(5):554-64 (Eng. Abstr.) (Rus)

[Recombination between adenoviral and cellular DNA] Gahlmann R, et al. **Vopr Virusol** 1984 Jul-Aug; 29(4):399-410 (49 ref.) (Rus)

IMMUNOLOGY

Anti-DNA antibodies: the choice of assays for routine diagnostic work. Sarvas H, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1985 Feb; 93(1):13-8

Anti-dsDNA antibodies in sera of patients without systemic lupus erythematosus. Wollina U. **Allerg Immunol (Leipz)** 1984;30(4):222-4

Evaluation of an ELISA system for determination of class-specific antibodies to native and denatured DNA in man. Halliday GM, et al. **Ann Rheum Dis** 1985 Aug; 44(8):507-13

Detection of anti-dsDNA as a diagnostic tool [letter] McHardy KC, et al. **Ann Rheum Dis** 1985 Aug;44(8):573-4

Detection of anti-dsDNA as a diagnostic tool: a prospective study in 441 non-systemic lupus erythematosus patients with anti-dsDNA antibody (anti-dsDNA). Swaak T, et al. **Ann Rheum Dis** 1985 Apr;44(4):245-51

Effect of selective ultraviolet phototherapy on DNA and antinuclear antibody titers in psoriatic patients. Leipold B, et al. **Arch Dermatol Res** 1984;276(5):297-302

On the nature of dextran sulphate binding of antibodies to DNA in sera from patients with systemic lupus erythematosus (SLE). Wollina U. **Arch Dermatol Res** 1985;

277(2):146

Nonlinear behaviour of anti-dsDNA antibodies in dilution experiments using ultramicro ELISA. Wollina U. **Arch Dermatol Res** 1985;277(1):75–6

The lupus anticoagulant. A disease marker in antinuclear antibody negative lupus that is cross-reactive with autoantibodies to double-stranded DNA. Colaco CB, et al. **Arthritis Rheum** 1985 Jan;28(1):67–74

Spontaneous in vitro production of anti-DNA and anti-RNA by systemic lupus erythematosus and normal peripheral blood mononuclear cells. Liebling MR, et al. **Arthritis Rheum** 1985 Apr;28(4):431–40

A longitudinal study of high and low avidity antibodies to double-stranded DNA in systemic lupus erythematosus. McGrath H Jr, et al. **Arthritis Rheum** 1985 Apr;28(4):425–30

Complement-component-C3-opsonized immunoglobulin G anti-DNA antibodies do not bind effectively to red blood cells unless aggregated on a high-Mr DNA matrix. Horgan C, et al. **Biochem J** 1984 Dec 15;224(3):755–9

Sequence analysis of a PM2-DNA anti-Z-IgG-binding region. Miller FD, et al. **Biosci Rep** 1984 Oct;4(10):885–95

Monoclonal antibodies to 1-aminopyrene-DNA. Hsieh LL, et al. **Carcinogenesis** 1985 Sep;6(9):1289–93

Regulation of an in vitro anti-DNA antibody response by thymocytes and T cells from NZB/W and normal mice. DeMoor JM, et al. **Cell Immunol** 1985 Jul;93(2):406–16

Inhibition of in vitro anti-DNA B-cell responses by cyclosporine. Mayus JL, et al. **Cell Immunol** 1985 Aug;94(1):195–204

A new serological test for systemic lupus erythematosus among Nigerians. Okolie EE, et al. **Cent Afr J Med** 1984 Sep;30(9):176–9

Clinical significance of anti-nDNA antibodies in ANA-positive systemic lupus erythematosus: comparison of the Farr radioimmunoassay and the Crithidia luciliae immunofluorescent technique. Chuan MT, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1985 Feb;18(1):15–24

Presence of Z-DNA specific antibodies in Crohn's disease, polyradiculoneuritis and amyotrophic lateral sclerosis. Allinquant B, et al. **Clin Exp Immunol** 1984 Oct;58(1):29–36

In vivo clearance and tissue uptake of an anti-DNA monoclonal antibody and its complexes with DNA. Ben Chetrit E, et al. **Clin Exp Immunol** 1985 Apr;60(1):159–68

Characterization of a human monoclonal IgM with antibody activity to dsDNA. Fermand JP, et al. **Clin Exp Immunol** 1985 Feb;59(2):467–74

Induction of anti-DNA autoanti-idiotypic antibodies in (NZB X NZW)F1 mice: possible role for specific immune suppression. Jacob L, et al. **Clin Exp Immunol** 1984 Nov;58(2):293–9

MRL/Mp-lpr/lpr mouse derived monoclonal antibodies that recognise determinants shared by poly (ADP-ribose), single stranded DNA and left handed Z-DNA. Kanai Y, et al. **Clin Exp Immunol** 1985 Jan;59(1):139–45

Cellular control of antinuclear antibody production. Anti-dsDNA and anti-Sm plaque forming cells in SLE patients and normal individuals. Weill BJ, et al. **Clin Exp Rheumatol** 1985 Jan-Mar;3(1):39–47

Expression of a highly conserved anti-DNA idiotype in normal and autoimmune mice. Mayus JL, et al. **Clin Immunol Immunopathol** 1985 Mar;34(3):366–78

Spontaneous production of antibodies to deoxyribonucleic acids in patients with systemic lupus erythematosus. Takeuchi T. **Clin Immunol Immunopathol** 1985 Apr;35(1):47–56

Suramin inhibits the binding of complement-fixing antibody/double-stranded DNA immune complexes to CR1. Taylor RP, et al. **Clin Immunol Immunopathol** 1984 Nov;33(2):220–31

Complement activation by antibodies to DNA in systemic lupus erythematosus measured by enzyme immunoassay. Valle RR, et al. **Clin Immunol Immunopathol** 1985 Mar;34(3):345–54

Persistent anti-DNA antibodies and DNA-anti-DNA complexes in post-streptococcal glomerulonephritis. Vilches AR, et al. **Clin Nephrol** 1984 Aug;22(2):97–101

The relative value of antibody assays in the differential diagnosis of systemic lupus erythematosus and rheumatoid arthritis with special emphasis to ultramicro ELISA for anti-ds DNA. Wollina U. **Dermatol Monatsschr** 1984;170(10):645–7

Anti-DNA antibodies in blood serum of psoriatic patients. Zlatkov NB, et al. **Dermatologica** 1984;169(3):121–4

Monoclonal antibodies to DNA modified by the carcinogen N-acetoxy-N-2 acetyl aminofluorene. Le Guern A, et al. **Dev Biol Stand** 1984;57:409–14

Different Z DNA forming sequences are revealed in phi X174 RFI by high resolution darkfield immuno-electron microscopy. Revet B, et al. **EMBO J** 1984 Dec 20;3(13):3353–8

The use of carcinogen-DNA adduct antisera for quantitation and localization of genomic damage in animal models and the human population. Poirier MC. **Environ Mutagen** 1984;6(6):879–87

A central anti-DNA idiotype in human and murine systemic lupus erythematosus. Eilat D, et al. **Eur J Immunol** 1985 Apr;15(4):368–75

Autoantibodies to anti-DNA with anti-allotypic and anti-idiotypic specificities in (NZB X NZW)F1 mice. Eilat D, et al. **Eur J Immunol** 1985 Apr;15(4):375–81

Anti-DNA autoantibody activity and idiotypic relationships of human monoclonal proteins. Zouali M, et al. **Eur J Immunol** 1984 Dec;14(12):1085–9

New model systems to study DNA-protein recognition mechanisms. Jacob A, et al. **FEBS Lett** 1985 Sep 9;189(1):81–4

Influence of fusion cell ratio and cell plating density on production of human-human hybridomas secreting anti-DNA autoantibodies from patients with systemic lupus erythematosus. Massicotte H, et al. **Hybridoma** 1984 Fall;3(3):215–22

Analysis of serum binding to DNA and other ligands in systemic lupus erythematosus. Barnes RM, et al. **Immunol Lett** 1985;10(2):99–102

Five groups of antigenic determinants on DNA identified by monoclonal antibodies from (NZB X NZW)F1 and MRL/Mp-lpr/lpr mice. Morgan A, et al. **Immunology** 1985 May;55(1):75–83

Reevaluation of specificity of Crithidia luciliae kinetoplast as a substrate for detecting antibodies to double-stranded deoxyribonucleic acid. Steinmetz SE, et al. **J Am Acad Dermatol** 1984 Sep;11(3):490–3

Binding of a monoclonal anti-DNA autoantibody to identical protein(s) present at the surface of several human cell types involved in lupus pathogenesis. Jacob L, et al. **J Clin Invest** 1985 Jan;75(1):315–7

Origins of anti-DNA autoantibodies. Schwartz RS, et al. **J Clin Invest** 1985 Feb;75(2):321–7 (79 ref.)*

Dynamics of interaction between complement-fixing antibody/dsDNA immune complexes and erythrocytes. In vitro studies and potential general applications to clinical immune complex testing. Taylor RP, et al. **J Clin Invest** 1985 Jan;75(1):102–11

Distinct clonotypes of anti-DNA antibodies in mice with lupus nephritis. Yoshida H, et al. **J Clin Invest** 1985 Aug;76(2):685–94

Influence of avidity of circulating anti-DNA antibodies on murine lupus nephritis. Granholm NA, et al. **J Clin Lab Immunol** 1985 Apr;16(4):211–5

Unilateral glomerular DNA-anti-DNA complex formation in situ. O'Regan S, et al. **J Clin Lab Immunol** 1984 Oct;15(2):101–4

Genetic elements used for a murine lupus anti-DNA autoantibody are closely related to those for antibodies to exogenous antigens. Kofler R, et al. **J Exp Med** 1985 Apr 1;161(4):805–15

Immune response to nucleic acid antigens and native DNA by human peripheral blood lymphocytes in vitro. Bastian D, et al. **J Immunol** 1985 Sep;135(3):1772–7

Effect of antibody excess on the size, stoichiometry, and DNAse resistance of DNA anti-DNA immune complexes. Burdick G, et al. **J Immunol** 1985 Oct;135(4):2593–7

Murine monoclonal anti-DNA autoantibodies bind to endogenous bacteria. Carroll P, et al. **J Immunol** 1985 Aug;135(2):1086–90

Anti-immunoglobulin autoantibodies are not preferentially induced in polyclonal activation of human and mouse lymphocytes, and more anti-DNA and anti-erythrocyte autoantibodies are induced in polyclonal activation of mouse than human lymphocytes. Dziarski R. **J Immunol** 1984 Nov;133(5):2537–44

A public idiotypic determinant is present on spontaneous cationic IgG antibodies to DNA from mice of unrelated lupus-prone strains. Hahn BH, et al. **J Immunol** 1984 Dec;133(6):3015–9

Specific and shared idiotypes found on hybridoma anti-DNA autoantibodies derived from rheumatoid arthritis and systemic lupus erythematosus patients. Rauch J, et al. **J Immunol** 1985 Oct;135(4):2385–92

Hybridoma anti-DNA autoantibodies from patients with rheumatoid arthritis and systemic lupus erythematosus demonstrate similar nucleic acid binding characteristics. Rauch J, et al. **J Immunol** 1985 Jan;134(1):180–6

Anti-native DNA antibodies from autoimmune sera also bind to DNA in mitochondria. Reimer G, et al. **J Immunol** 1984 Nov;133(5):2532–6

In vivo and in vitro studies of the binding of antibody/dsDNA immune complexes to rabbit and guinea pig platelets. Taylor RP, et al. **J Immunol** 1985 Apr;134(4):2550–8

Suppression of murine lupus autoantibodies to DNA by administration of muramyl dipeptide and syngeneic anti-DNA IgG. Zouali M, et al. **J Immunol** 1985 Aug;135(2):1091–6

Influence of assay conditions on ELISA determinations of anti-DNA antibodies. Pisetsky DS, et al. **J Immunol Methods** 1984 Nov 30;74(2):217–27

Nucleoprotein autoantibodies in lupus erythematosus. Provost TT, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):133s–139s

Specificity of Crithidia luciliae method for detecting anti-DNA antibodies. Effect of absorption for lipoproteins [letter] Kumar V, et al. **J Rheumatol** 1985 Apr;12(2):382–4

Left-handed 'Z' DNA antibodies in rheumatoid arthritis and systemic lupus erythematosus. Sibley JT, et al. **J Rheumatol** 1984 Oct;11(5):633–7

Anti-DNA antibody idiotypes in SLE [letter] **Lancet** 1984 Oct 6;2(8406):821–2

Antibodies to dsDNA: failure to detect antigenic determinants specific for superhelical B-DNA. Krippner H, et al. **Mol Immunol** 1985 Jun;22(6):623–7

Quantitative determination of anti-dsDNA antibodies and antibody/dsDNA stoichiometries in prepared, soluble complement-fixing antibody/dsDNA immune complexes. Taylor RP, et al. **Mol Immunol** 1984 Oct;21(10):853–62

The organ-specific induction of DNA adducts in 2-acetylaminofluorene-treated rats, studied by means of a sensitive immunochemical method. Baan RA, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):23–32

Monoclonal antibodies to DNA modified by 8-methoxypsoralen and ultraviolet A light. Santella RM, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2533–44

Relationship of glomerular phagocytic cells to immune complexes and DNA autoantibodies in NZB/W mice. Cronin NA, et al. **Pathology** 1985 Jan;17(1):96–100

Immunological probes for the biological significance of Z-DNA. Stollar BD. et al. **Prog Clin Biol Res** 1985;172B:323–32

Immunoassay of carcinogen-modified DNA. Strickland PT, et al. **Prog Nucleic Acid Res Mol Biol** 1984;31:1–38 (246 ref.)

Idiotypic interrelationship among human myeloma proteins with distinct antibody-binding specificities. Zouali M, et al. **Rev Fr Transfus Immunohematol** 1984 Dec;27(6):729–36

DNA antibodies with and without complement-binding ability. Teppo AM, et al. **Rheumatol Int** 1984;4(4):173–6

On the nature, origin and clinical significance of anti-DNA autoantibodies. Stollar BD. **Scand J Rheumatol [Suppl]** 1985;56:22–31 (53 ref.)

Antibodies to dsDNA and ssDNA in the immunoglobulin classes IgG and IgM: prognostic value in the course of SLE. Krippner H, et al. **Z Rheumatol** 1984 Sep-Oct;43(5):265–71

[Lupus biology: incidence and development in 84 rheumatoid polyarthritis patients treated with D-penicillamine] Clerc D, et al. **Ann Med Interne (Paris)** 1984;135(6):420–6 (Eng. Abstr.) (Fre)

[Chronic active hepatitis associated with anti-native DNA antibodies: incidence of drug etiology] Métreau JM, et al. **Gastroenterol Clin Biol** 1984 Nov;8(11):833–7 (Eng. Abstr.) (Fre)

[Are anti-DNA antibodies truly directed primarily against DNA?] Jacob L, et al. **Presse Med** 1985 Mar 16;14(11):623–4 (Fre)

[Determination of anti-native DNA antibodies by immunofluorescence on Crithidia luciliae. Correlation between renal involvement and the presence of high-avidity anti-native DNA antibodies in lupic disease] Meyer O, et al. **Presse Med** 1984 Dec 22;13(46):2801–5 (Eng. Abstr.) (Fre)

[Binding of complement by anti-native desoxyribonucleic acid antibodies in systemic lupus erythematosus] Youinou P, et al. **Presse Med** 1985 Apr 20;14(16):875–8 (Eng. Abstr.) (Fre)

[The evaluation of anti-native dna antibodies. Comparison of two methods of dosage, study of reproducibility, and diagnostic value of each method] Meyer O. **Rev Rhum Mal Osteoartic** 1984 Nov;51(10):537–44 (Eng. Abstr.) (Fre)

[Antibodies to double-stranded DNA in psoriasis?] Wollina U, et al. **Dermatol Monatsschr** 1984;170(10):642–4 (Eng. Abstr.) (Ger)

[DNA antibodies in multiple sclerosis (letter)] Seyfert S. **Dtsch Med Wochenschr** 1984 Sep 14;109(37):1422–3 (Ger)

[Histone antibodies: significance in the diagnosis of SLE in comparison to dsDNA antibodies and antibodies to extractable nuclear antigens] Krippner H, et al. **Immun Infekt** 1985 Feb;13(1):29–30 (Eng. Abstr.) (Ger)

[DNA antibodies during the clinical course of systemic lupus erythematosus] Krippner H, et al. **Immun Infekt** 1984 Feb;12(1):37–8 (Eng. Abstr.) (Ger)

[Ultramicro-ELISA for the detection of anti-dsDNA antibodies using the chamber analytic technic] Wollina U. **Z Med Lab Diagn** 1984;25(7):378–85 (Eng. Abstr.) (Ger)

[Therapy of systemic lupus erythematosus—studies using disease models. 2. Suppression of anti-ds DNA antibody formation in NZB/W mice and improvement of glomerulonephritis] Okuhira H, et al. **Nippon Rinsho** 1984 Dec;42(12):2795–800 (Jpn)

[Determination of anti-DNA antibody levels using an anti-DNA kit and its clinical significance] Yamauchi Y, et al. **Nippon Rinsho** 1984 Aug;42(8):1930–41 (Jpn)

[Antinuclear antibodies and antibodies against native DNA in patients with acute leukemia] Poborski W. **Pol Arch Med Wewn** 1984 Sep;72(3):87–90 (Eng. Abstr.) (Pol)

[Antibodies against deoxyribonucleic acid and its protein complex—their formation and clinical significance] Lange A. **Postepy Hig Med Dosw** 1984 Sep-Dec;38(5-6):681–91 (47 ref.) (Eng. Abstr.) (Pol)

[Sorption of DNA on sheep erythrocytes using polyethylene glycol] Moskalenko EP, et al. **Lab Delo** 1985;(1):37–8 (Eng. Abstr.) (Rus)

[Antibodies to double-stranded DNA in patients with microbial eczema and chronic leg ulcers] Moskalenko IuA, et al. **Vestn Dermatol Venerol** 1985 Feb;(2):6–8 (Eng. Abstr.) (Rus)

[Comparative immunoenzyme analysis of sera for the presence of antibodies to a preparation of Staphylococcus aureus teichoic acids and DNA] Vaneeva NP, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jan;(1):33–5 (Eng. Abstr.) (Rus)

[Complement binding anti-DNA antibodies: its clinical significance in systemic lupus erythematosus] Pigrau A, et al. **Med Clin (Barc)** 1984 Dec 8;83(19):787–91 (Eng. Abstr.) (Spa)

ISOLATION & PURIFICATION

Selective isolation of mercurated DNA by affinity chromatography on thiol matrices. Banfalvi G, et al. **Anal Biochem** 1985 Apr;146(1):64–70

Preparation of chloroplast DNA from pea plastids isolated in a medium of high ionic strength. Bookjans G, et al. **Anal Biochem** 1984 Aug 15;141(1):244–7

A method for recovering strand-specific probes from nick-translated DNA fragments. Dutton FL, et al. **Anal Biochem** 1984 Jul;140(1):121–8

Rat major acute-phase protein: biosynthesis and characterization of cDNA clone. Anderson KP, et al. **Arch Biochem Biophys** 1984 Sep;233(2):624–35

The use of (3H) thymidine-adsorbed on activated charcoal for the study of non-premitotic DNA synthesis in newborn rat hepatocytes. Viola-Magni MP, et al. **Basic Appl Histochem** 1984;28(3):257–64

Identification of the short dispersed repetitive DNA sequences isolated from the zones of initiation of DNA synthesis in human cells as Alu-elements. Anachkova B, et al. **Biochem Biophys Res Commun** 1985 Apr 16; 128(1):101–6

cDNA cloning of mRNAS which increase rapidly in human lymphocytes cultured with concanavalin-A and cycloheximide. Forsdyke DR. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):619–25

Isolation and characterisation of a variant allele of the gene for human apolipoprotein E. Gill LL, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1261–6

Isolation of cDNA clones for human beta-glucocerebrosidase using the lambda gt11 expression system. Ginns EI, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):574–80

Cloning of genomic DNA for human atrial natriuretic factor. Maki M, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):797–802

Isolation of an evolutionarily conserved epidermal growth factor receptor cDNA from human A41 carcinoma cells. Simmen FA, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):125–32

Characterization of fatty acid synthetase cDNA clone and its mRNA. Yan C, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1235–41

Isolation and nucleotide sequence of a cDNA encoding human calmodulin. Wawrzynczak EJ, et al. **Biochem Int** 1984 Aug;9(2):177–85

gamma and gamma' chains of human fibrinogen are produced by alternative mRNA processing. Chung DW, et al. **Biochemistry** 1984 Aug 28;23(18):4232–6

Nucleotide sequence of a cDNA clone encoding mouse protamine 1. Kleene KC, et al. **Biochemistry** 1985 Jan 29; 24(3):719–22

Characterization of a complementary deoxyribonucleic acid coding for human and bovine plasminogen. Malinowski DP, et al. **Biochemistry** 1984 Aug 28;23(18):4243–50

Isolation of a human cDNA for alpha 2-thiol proteinase inhibitor and its identity with low molecular weight kininogen. Ohkubo I, et al. **Biochemistry** 1984 Nov 20; 23(24):5691–7

Random distribution of mammalian replication origins in matrix and total nuclear DNA. Todorova M, et al. **Biochim Biophys Acta** 1984 Oct 5;783(1):36–41

A rapid method for the extraction and purification of DNA from human leukocytes. Potter AA, et al. **Cancer Lett** 1985 Apr;26(3):335–41

The human transferrin receptor gene: genomic organization, and the complete primary structure of the receptor deduced from a cDNA sequence. McClelland A, et al. **Cell** 1984 Dec;39(2 Pt 1):267–74

Organization of the higher-order chromatin loop: specific DNA attachment sites on nuclear scaffold. Mirkovitch J, et al. **Cell** 1984 Nov;39(1):223–32

DNA repeat size in chick embryonic lens epithelium, lens fiber, brain and liver cell nuclei. Muel AS, et al. **Cell Differ** 1985 Jun;16(4):235–40

Organization and chromosomal specificity of autosomal homologs of human Y chromosome repeated DNA. Burk RD, et al. **Chromosoma** 1985;92(3):225–33

Isolation of DNA from biological specimens without extraction with phenol [letter] Buffone GJ, et al. **Clin Chem** 1985 Jan;31(1):164–5

Isolation of genomic clones coding for the heavy chains of two human cardiac myosins. Catanzaro DF, et al. **Clin Exp Pharmacol Physiol** 1985 May–Jun;12(3):295–7

A 45-kb DNA domain with two divergently orientated genes is the unit of organisation of the murine major urinary protein genes. Clark AJ, et al. **EMBO J** 1984 Sep; 3(9):2055–64

A general method for preparing intact nuclear DNA. Cook PR. **EMBO J** 1984 Aug;3(8):1837–42

Cloning, nucleotide sequencing and expression of cDNAs encoding mouse urokinase-type plasminogen activator. Belin D, et al. **Eur J Biochem** 1985 Apr 15;148(2):225–32

Sheep keratins: characterization of cDNA clones for the glycine + tyrosine-rich wool proteins using a synthetic probe. Kuczek E, et al. **Eur J Biochem** 1985 Jan 2; 146(1):89–93

Nucleotide sequence of cloned cDNA coding for preproricin. Lamb FI, et al. **Eur J Biochem** 1985 Apr 15;148(2):265–70

Neuronal nuclei and glial nuclei from mammalian cerebral cortex. Nucleosome repeat lengths, DNA contents and H1 contents. Pearson EC, et al. **Eur J Biochem** 1984 Oct 15; 144(2):353–60

Nucleotide sequences homologous to human T-cell leukemia virus are present in pig and wild boar cells. Hoshino H, et al. **Gann** 1984 Oct;75(10):849–52

Isolation and characterisation of a cDNA clone for human apolipoprotein CI and assignment of the gene to chromosome 19. Tata F, et al. **Hum Genet** 1985;69(4):345–9

DNA polymorphism of the major histocompatibility class I genes and their association with serologically defined haplotypes. Driesel AJ, et al. **Immunogenetics** 1985; 21(6):529–38

Isolation and characterization of a cDNA and a pseudogene for mouse lactate dehydrogenase-A isozyme. Akai K, et al. **Int J Biochem** 1985;17(5):645–8

Characterization of complementary DNA clones coding for two forms of 3-methylcholanthrene-inducible rat liver cytochrome P-450. Yabusaki Y, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):793–804

The gene for rat atrial natriuretic factor. Argentin S, et al. **J Biol Chem** 1985 Apr 25;260(8):4568–71

Isolation of functional cDNA clones for human thymidylate synthase. Ayusawa D, et al. **J Biol Chem** 1984 Dec 10; 259(23):14361–4

DNA and chromatin structure of the human alpha 1 (I) collagen gene. Barsh GS, et al. **J Biol Chem** 1984 Dec 10;259(23):14906–13

Isolation and sequence of a rat chymotrypsin B gene. Bell GI, et al. **J Biol Chem** 1984 Nov 25;259(22):14265–70

Isolation and sequence analysis of cDNA clones coding for rat skeletal muscle creatine kinase. Benfield PA, et al. **J Biol Chem** 1984 Dec 10;259(23):14979–84

The use of antibodies to 5-bromo-2'-deoxyuridine for the isolation of DNA sequences containing excision-repair sites. Cohn SM, et al. **J Biol Chem** 1984 Oct 25; 259(20):12456–62

A gene encoding rat cholecystokinin. Isolation, nucleotide sequence, and promoter activity. Deschenes RJ, et al. **J Biol Chem** 1985 Jan 25;260(2):1280–6

Complete cDNA and protein sequence of a pregnenolone 16 alpha-carbonitrile-induced cytochrome P-450. A representative of a new gene family. Gonzalez FJ, et al. **J Biol Chem** 1985 Jun 25;260(12):7435–41

Induction by cAMP of the mRNA encoding the cytosolic form of phosphoenolpyruvate carboxykinase (GTP) from the chicken. Identification and characterization of a cDNA clone for the enzyme. Hod Y, et al. **J Biol Chem** 1984 Dec 25;259(24):15603–8

Isolation and characterization of a cDNA clone for the amino-terminal portion of the pro-alpha 1(II) chain of cartilage collagen. Kohno K, et al. **J Biol Chem** 1984 Nov 25;259(22):13668–73

Isolation of human fibroblast catalase cDNA clones. Sequence of clones derived from spliced and unspliced mRNA. Korneluk RG, et al. **J Biol Chem** 1984 Nov 25; 259(22):13819–23

Human liver fatty acid binding protein. Isolation of a full length cDNA and comparative sequence analyses of orthologous and paralogous proteins. Lowe JB, et al. **J Biol Chem** 1985 Mar 25;260(6):3413–7

Nucleotide sequence analysis of a cDNA encoding human ubiquitin reveals that ubiquitin is synthesized as a precursor. Lund PK, et al. **J Biol Chem** 1985 Jun 25;260(12):7609–13

Isolation and sequence analysis of a cDNA clone encoding the fifth complement component. Lundwall AB, et al. **J Biol Chem** 1985 Feb 25;260(4):2108–12

Human 3-hydroxy-3-methylglutaryl coenzyme A reductase. Conserved domains responsible for catalytic activity and sterol-regulated degradation. Luskey KL, et al. **J Biol Chem** 1985 Aug 25;260(18):10271–7

Human serum amyloid P component. cDNA isolation, complete sequence of pre-serum amyloid P component, and localization of the gene to chromosome 1. Mantzouranis EC, et al. **J Biol Chem** 1985 Jun 25; 260(12):7752–6

Isolation and characterization of the rat proenkephalin gene. Rosen H, et al. **J Biol Chem** 1984 Nov 25;259(22):14309–13

Isolation, characterization, and DNA sequence of the rat somatostatin gene. Tavianini MA, et al. **J Biol Chem** 1984 Oct 10;259(19):11798–803

Separation of large DNA restriction fragments by high-performance gel filtration on TSKgel DNA-PW. Kato Y, et al. **J Chromatogr** 1985 Mar 1;320(2):440–4

Reversed-phase high-performance liquid chromatographic separation of diastereomeric phosphorothioate analogues of oligodeoxyribonucleotides and other backbone-modified congeners of DNA. Stec WJ, et al. **J Chromatogr** 1985 Jun 19;326:263–80

Nucleotide sequence and expression of a mouse interleukin 2 receptor cDNA. Miller J, et al. **J Immunol** 1985 Jun; 134(6):4212–7

Isolation and characterization of cDNA clones corresponding to two different human apoC-III alleles. Karathanasis SK, et al. **J Lipid Res** 1985 Apr;26(4):451–6

Screening of isolated DNA for sequences released from anchorage sites in nuclear matrix. Neuer B, et al. **J Mol Biol** 1985 Jan 5;181(1):15–25

Isolation and characterization of DNA from Tritrichomonas foetus and Trichomonas vaginalis. Wang AL, et al. **Mol Biochem Parasitol** 1985 Mar;14(3):323–35

Isolation and characterization of safflower (Carthamus tinctorius L.) chloroplast DNA. Ma C, et al. **Mol Cell Biochem** 1985 Jan;65(2):181–8

Isolation and characterization of cloned DNA sequences containing ribosomal protein genes of Drosophila melanogaster. Burns DK, et al. **Mol Cell Biol** 1984 Dec; 4(12):2643–52

Isolation of cDNA clones for genes exhibiting reduced expression after differentiation of murine teratocarcinoma stem cells. Levine RA, et al. **Mol Cell Biol** 1984 Oct; 4(10):2142–50

Isolation of a cDNA clone complementary to sequences for a 34-kilodalton protein which is a pp60v-src substrate. Tomasiewicz HG, et al. **Mol Cell Biol** 1984 Sep;4(9):1935–8

Characterization of cDNA for precursor of human luteinizing hormone releasing hormone. Seeburg PH, et al. **Nature** 1984 Oct 18–24;311(5987):666–8

Isolation of cDNA clones encoding the 20K T3 glycoprotein of human T-cell receptor complex. van den Elsen P, et al. **Nature** 1984 Nov 29–Dec 5;312(5993):413–8

Macronuclear DNA of Tetrahymena thermophila exists as defined subchromosomal-sized molecules. Altschuler MI, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5817–31

Isolation and sequence analysis of a cDNA encoding the ATP/ADP translocator of Zea mays L. Baker A, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5857–67

Separation of complementary strands of plasmid DNA using the biotin-avidin system and its application to heteroduplex formation and RNA/DNA hybridizations in electron microscopy. Delius H, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5457–69

Cloning and characterization of the cDNAs for human and rabbit interleukin-1 precursor. Furutani Y, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5869–82

Isolation and partial characterization of the entire human pro alpha 1(II) collagen gene. Sangiorgi FO, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2207–25

The methylation state of 2 muscle-specific genes: restriction enzyme analysis did not detect a correlation with expression. Shani M, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7225–34

Isolation and characterization of mouse Thy-1 genomic clones. Chang HC, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3819–23

Nucleotide sequence of cDNA and derived amino acid sequence of human complement component C9. DiScipio RG, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(23):7298–302

Isolation and characterization of a cDNA clone for the complete protein coding region of the delta subunit of the mouse acetylcholine receptor. LaPolla RJ, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7970–4

Isolation of cDNA for a human granulocyte-macrophage colony-stimulating factor by functional expression in mammalian cells. Lee F, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4360–4

Identification of a retrovirus-like repetitive element in human DNA. Mager DL, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7510–4

Isolation of cDNA clones specifying the fourth component of mouse complement and its isotype, sex-limited protein. Nonaka M, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(21):6822–6

A chemically cleavable biotinylated nucleotide: usefulness in the recovery of protein-DNA complexes from avidin affinity columns. Shimkus M, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2593–7

The complete cDNA and deduced amino acid sequence of a type II mouse epidermal keratin of 60,000 Da: analysis of sequence differences between type I and type II keratins. Steinert PM, et al. **Proc Natl Acad Sci USA** 1984 Sep; 81(18):5709–13

Molecular cloning and nucleotide sequence of cDNA for rat ornithine carbamoyltransferase precursor. Takiguchi M, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7412–6

Isolation of recombinant cDNAs encoding chicken erythroid delta-aminolevulinate synthase. Yamamoto M, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3702–6

Human von Willebrand factor (vWF): isolation of complementary DNA (cDNA) clones and chromosomal localization. Ginsburg D, et al. **Science** 1985 Jun 21; 228(4706):1401–6

Chromosome-sized DNA molecules of Plasmodium falciparum. Van der Ploeg LH, et al. **Science** 1985 Aug 16;229(4714):658–61

Isolation of the products resulting from the reaction of cis and trans diaminedichloroplatinum [II] with DNA and chromatin on the Dowex 50 W column. Oliński R, et al. **Z Naturforsch [C]** 1984 Nov–Dec;39(11–12):1057–62

[Use of immobilized ethidium bromide for the isolation and fractionation of DNA from solutions, biological fluids and cell lysates] Fedorov NA, et al. **Biokhimiia** 1984 Oct; 49(10):1708–11 (Eng. Abstr.) (Rus)

[Isolation and structure of a recombinant cDNA coding for the beta-crystallin of the crystalline lens in the frog Rana temporaria] Luchin SV, et al. **Dokl Akad Nauk SSSR** 1984 Nov–Dec;279(1):233–7 (Rus)

[The role of H2B histones from the sea urchin sperm in the formation of supranucleosome structures] Zalenskaia IA, et al. **Mol Biol (Mosk)** 1985 May–Jun;19(3):774–83 (Eng. Abstr.) (Rus)

METABOLISM

Preferential cleavage by restriction endonuclease HinfIII. Piekarowicz A. **Acta Biochim Pol** 1984;31(4):453–64

Further studies on the biochemical characterization of the MC–29 virus derived transplantable hepatoma (VTH). I. Binding of 3H–cortisol to cytoplasmic receptor and DNA. Kovalszky I, et al. **Acta Biol Hung** 1984;35(1):27–34

An attempt to influence DNA content in postmitotic Purkinje cells of the cerebellum. Marshak TL, et al. **Acta Histochem (Jena)** 1985;76(2):193–200

Proliferative and stimulatory effects of PGA2 on nucleic acids in the adrenal and kidney of squirrel, Funambulus pennanti. Rana SV, et al. **Acta Morphol Neerl Scand** 1984 Dec;22(4):307–12

Electron microscopic localization of acridine orange binding to DNA within rat astrocytoma C6 cells. Hara H, et al. **Acta Pathol Jpn** 1984 Sep;34(5):1049–57

Electron microscopic localization of acridine orange binding to DNA within various human brain tumor cells. Hara H, et al. **Acta Pathol Jpn** 1984 Sep;34(5):1041–7

Cytochrome P–450–dependent fragmentation of DNA in reconstituted membranes. Luthman H, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Jan;56(1):69–74

The effect of prostacyclin on gastric mucosal protein, DNA and RNA content, with special reference to different ulcer models. Bálint GA, et al. **Acta Physiol Hung** 1984; 64(3–4):275–8

Quantity of DNA in the organs of 19–day–old foetuses after AET, MEA, or 5–HT treatment of mice on the first day of gestation. Mazur L. **Acta Physiol Hung** 1985;66(1):65–8

Developmental pattern of the hepatic DNA, RNA and protein in relation to maternal vitamin A status in rats. Sharma HS, et al. **Acta Vitaminol Enzymol** 1985; 7(1–2):85–91

DNA fragmentation in targets of CTL: an example of programmed cell death in the immune system. Cohen JJ, et al. **Adv Exp Med Biol** 1985;184:493–508 (23 ref.)

DNA methylation and DNA structure. Spadari S, et al. **Adv Exp Med Biol** 1984;179:551–6

Inhibition of RNA synthesis by benzene metabolites and their covalent binding to DNA in rabbit bone marrow mitochondria in vitro. Kalf GF, et al. **Am J Ind Med** 1985; 7(5–6):485–92

Detection of Plasmodium falciparum in blood using DNA hybridization. Pollack Y, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):663–7

A 32P postlabeling assay for determining the incorporation of bromodeoxyuridine into cellular DNA. Bodell WJ, et al. **Anal Biochem** 1984 Nov 1;142(2):525–8

Chromatin pattern and DNA content in acquired immune deficiency syndrome (AIDS): indicators of viral infection revealed by DNA image cytometry [letter] Auffermann W, et al. **Anal Quant Cytol** 1984 Dec;6(4):293–4

Simultaneous staining of nuclear DNA and blood group cell surface antigens on cells from bladder irrigation fluid. Devonec M, et al. **Anal Quant Cytol** 1985 Mar;7(1):69–71

Ploidy levels in nonneoplastic and neoplastic thyroid cells. Auer GU, et al. **Anal Quant Cytol Histol** 1985 Jun; 7(2):97–106

Nuclear DNA in histologic sections from squamous–cell carcinoma and adenocarcinoma of the lung. Nishimiya K, et al. **Anal Quant Cytol Histol** 1985 Jun;7(2):153–8

Cytophotometry of breast carcinoma. Acridine–orange DNA microfluorimetry with Giemsa counterstain. Rosen S, et al. **Anal Quant Cytol Histol** 1985 Jun;7(2):159–62

Generation of nucleic acid structures and binding of molecules to DNA. Miller KJ, et al. **Ann NY Acad Sci** 1985;439:64–80 (63 ref.)

Molecular assessment of S1 endonuclease–resistant snapback hairpin loops generated by DNA polymerase I during the in–vitro nick translation reaction. Norgard MV. **Appl Biochem Biotechnol** 1985 Feb;11(1):1–15

Heparin–induced release of DNA template restrictions in human sperm zinc–depleted nuclei. Delgado NM, et al. **Arch Androl** 1984;12(2–3):211–6

cis–Diamminedichloroplatinum–mediated crosslinking of nuclear proteins to DNA is cell cycle specific. Banjar ZM, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):202–7

The long–term effect of glucagon on pyruvate kinase activity in primary cultures of hepatocytes. Evans C, et al. **Arch Biochem Biophys** 1984 Sep;233(2):617–23

Effects of beta–lapachone, a peroxide–generating quinone, on macromolecule synthesis and degradation in Trypanosoma cruzi. Goijman SG, et al. **Arch Biochem Biophys** 1985 Jul;240(1):273–80

Thylakoid membranes: the translational site of chloroplast DNA–regulated thylakoid polypeptides. Minami E, et al. **Arch Biochem Biophys** 1984 Dec;235(2):562–70

A comparison of van't Hoff and calorimetric heats of binding to DNA using an ethidium selective electrode. Sauer BB, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):580–4

Effects of dietary polyunsaturated fats and vitamin E on aging and peroxidative damage to DNA. Summerfield FW, et al. **Arch Biochem Biophys** 1984 Sep;233(2):408–16

Age–associated changes in nucleic acid content in Zaprionus paravittiger. Wadhwa R, et al. **Arch Gerontol Geriatr** 1985 Jul;4(2):157–62

Covalent binding of BP–metabolites to DNA of cultured human hair follicle keratinocytes. Hukkelhoven MW, et al. **Arch Toxicol** 1985 Apr;57(1):6–12

DNA–binding assay of methyl chloride. Peter H, et al. **Arch Toxicol** 1985 Jun;57(2):84–7

Reduction of covalent binding of aflatoxin B1 to rabbit liver DNA after immunization against this carcinogen. Caviezel M, et al. **Arch Toxicol [Suppl]** 1984;7:249–52

The biochemical composition of haemodynamically stressed vascular tissue. Part I. The lipid, calcium and DNA concentrations in experimental arteriovenous fistulae. Davis PF, et al. **Atherosclerosis** 1985 Jul;56(1):27–37

The induction of SCE with relation to specific base methylation of DNA in Chinese hamster cells by N–methyl–N–nitrosourea and dimethylsulfate. Connell JR, et al. **Basic Life Sci** 1984;29 Pt A:343–52

SCE and DNA methylation. Ikushima T. **Basic Life Sci** 1984; 29 Pt A:161–72

Removal and persistence of SCE–inducing damage in human lymphocytes in vitro. Lambert B, et al. **Basic Life Sci** 1984; 29 Pt B:647–62

Relationships between specific DNA adducts, mutation, cell survival, and SCE formation. Morris SM, et al. **Basic Life Sci** 1984;29 Pt A:353–60

The contribution of DNA single–strand breaks to the formation of chromosome aberrations and SCEs. Speit G, et al. **Basic Life Sci** 1984;29 Pt A:229–44 (60 ref.)

Induction of DNA lesions, chromosomal aberrations, and G2 delay by bromo– and chlorodeoxyuridine. Zwanenburg TS, et al. **Basic Life Sci** 1984;29 Pt A:69–82

Location of DNA and nucleotide binding sites on wheat germ RNA polymerase II. Bateman E, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):569–76

DNA crosslinking by 3'–(3–cyano–4–morpholinyl)–3'–deaminoadriamycin in HT–29 human colon carcinoma cells in vitro. Begleiter A, et al. **Biochem Biophys Res Commun** 1985 Aug 30; 131(1):336–8

Delayed methylation and the matrix bound DNA methylase. Davis T, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):678–84

Regulation of mRNA levels of rat liver carbamoylphosphate synthetase by glucocorticosteroids and cyclic AMP as estimated with a specific cDNA. de Groot CJ, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):882–8

Exposure of DNA to methyl mercury results in an increase in the rate of its transcription by RNA polymerase II. Frenkel GD, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):849–56

Sensitivity of mitomycin C and nitrogen mustard crosslinks to extreme alkaline conditions. Gruenert DC, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):549–54

Conformational change of DNA binding subunit of RNA polymerase II on binding to DNA. Horikoshi M, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):141–7

Effective DNA cleavage by bleomycin–vanadium(IV) complex plus hydrogen peroxide. Kuwahara J, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):368–74

Cloning and sequence analysis of cDNA for human prealbumin. Mita S, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):558–64

Molecular cloning of cDNA for rat glycine methyltransferase. Ogawa H, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):44–50

Detection of renin mRNA in mouse testis by hybridization with renin cDNA probe. Pandey KN, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):662–7

Cultured tonsillar lymphocytes excrete [3H]thymidine labeled DNA and revert to resting state. Sasvari–Szekely M, et al. **Biochem Biophys Res Commun** 1984 Dec 28; 125(3):1110–6

Methylation of the serum albumin gene as compared to the Kirsten–ras oncogene in hepatocytes and non–parenchymal cells of rat liver. Vorce RL, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):879–83

The binding of thyroid hormone receptors to DNA. Wilson BD, et al. **Biochem Biophys Res Commun** 1984 Oct 15; 124(1):29–36

Influence of 2–mercaptopropionylglycine on DMBA–induced biochemical changes in regenerating mouse liver: II. Glucose–6–phosphate dehydrogenase, malic enzyme DNA, and protein. Dixit A, et al. **Biochem Int** 1983 Dec;7(6):775–83

Catalase enhances damage to DNA by bleomycin–iron(II): the role of hydroxyl radicals. Gutteridge JM, et al. **Biochem Int** 1985 Mar;10(3):441–9

DNA strand scission by enzymatically reduced mitomycin C: evidence for participation of the hydroxyl radical in the DNA damage. Hamana K, et al. **Biochem Int** 1985 Feb; 10(2):301–9

Undermethylation of DNA in mononucleosomes solubilized by micrococcal nuclease digestion of HeLa cell nuclei. Hatayama T, et al. **Biochem Int** 1984 Aug;9(2):251–8

Changes in chromatin structure during rat liver regeneration as demonstrated by thermal melting analyses. Letnansky K, et al. **Biochem Int** 1983 Jun;6(6):783–8

Clear evidence for the participation of OH in lambda DNA breakage induced by the enzymatic reduction of adriamycin in the presence of iron–ADP. Importance of local OH concentration for DNA strand cleavage. Sugioka K, et al. **Biochem Int** 1984 Aug;9(2):237–42

Deoxyribonuclease IV from rat liver chromatin and the excision of apurinic sites from depurinated DNA. Grondal–Zocchi G, et al. **Biochem J** 1985 Jan 15; 225(2):535–42

Intracellular DNA damage produced by a series of diacridines. Roos IA, et al. **Biochem J** 1985 Feb 15; 226(1):175–82

Effects of 7H–pyridocarbazole mono and bifunctional DNA–intercalators on Chinese hamster lung cells in vitro. Bendirdjian JP, et al. **Biochem Pharmacol** 1984 Nov 15; 33(22):3681–8

Chemical properties and biological effects of 2–haloethyl sulfonates. Bowdon BJ, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):2951–6

Identification of a second binding isotherm for actinomycin D–deoxyribonucleic acid at low drug concentrations. Duffy JJ, et al. **Biochem Pharmacol** 1985 May 15; 34(10):1854–6

Actinomycin D–associated lesions mimicking DNA–DNA interstrand crosslinks detected by alkaline elution in cultured mammalian cells. Fox JM, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2741–7

Action of camptothecin and its derivatives on deoxyribonucleic acid. Fukada M. **Biochem Pharmacol** 1985 Apr 15;34(8):1225–30

Effects of nitroheterocyclic drugs on macromolecule synthesis and degradation in Trypanosoma cruzi. Goijman SG, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1331–6

Mechanism of action of 2–haloethylnitrosoureas on deoxyribonucleic acid. Pathways of aqueous decomposition and pharmacological characteristics of new anticancer disulfide–linked nitrosoureas. Lown JW, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):1015–24

Effect of aryl hydrocarbon hydroxylase induction on the in vivo covalent binding of 1–nitropyrene, benzo[a]pyrene, 2–aminoanthracene, and phenanthridone to mouse lung deoxyribonucleic acid. Mitchell CE. **Biochem Pharmacol** 1985 Feb 15;34(4):545–51

DNA damage in normal and neoplastic mouse tissues after treatment with misonidazole in vivo. Murray D, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3275–9

Benzo[a]pyrene metabolism and DNA adduct formation mediated by English sole liver enzymes. Nishimoto M, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):263–8

Inhibition of epipodophyllotoxin cytotoxicity by interference with topoisomerase–mediated DNA cleavage. Rowe T, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2483–7

Irreversible binding of etoposide (VP–16–213) to deoxyribonucleic acid and proteins. Sinha BK, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3725–8

The carcinogen, 7–hydroxymethyl–12–methylbenz[a]anthracene, is activated and covalently binds to DNA via a sulphate ester. Watabe T, et al. **Biochem Pharmacol** 1985 Aug 15; 34(16):3002–5

Evidence for distinct sulfhydryl groups associated with steroid– and DNA–binding domains of rat thymus glucocorticoid receptors. Bodwell JE, et al. **Biochemistry** 1984 Aug 28;23(18):4237–42

Effect of template conversion from the B to the Z conformation on RNA polymerase activity. Butzow JJ, et al. **Biochemistry** 1984 Oct 9;23(21):4837–43

Covalent binding of a carcinogen as a probe for the dynamics of deoxyribonucleic acid. Daune MP, et al. **Biochemistry** 1985 Apr 23;24(9):2275–84

Kinetics of homologous pairing promoted by RecA protein: effects of ends and internal sites in DNA. Gonda DK, et al. **Biochemistry** 1985 Jan 15;24(2):413–20

Cleavage of DNA with methidiumpropyl–EDTA–iron(II): reaction conditions and product analyses. Hertzberg RP, et al. **Biochemistry** 1984 Aug 14;23(17):3934–45

Studies on transcription of 3'–extended DNA templates by mammalian RNA polymerase II. Partial purification and characterization of a factor from HeLa cells that facilitates renaturation of the DNA template. Kane CM, et al. **Biochemistry** 1985 Apr 23;24(9):2254–62

Bleomycin may be activated for DNA cleavage by NADPH–cytochrome P–450 reductase. Kilkuskie RE, et al. **Biochemistry** 1984 Dec 4;23(25):6165–71

Structural effects in reactivity and adduct formation of polycyclic aromatic epoxide and diol epoxide derivatives with DNA: comparison between 1–oxiranylpyrene and benzo[a]pyrenediol epoxide. Kim MH, et al. **Biochemistry** 1984 Nov 6;23(23):5433–9

Nucleotide sequence of a full–length complementary DNA clone and amino acid sequence of human phenylalanine hydroxylase. Kwok SC, et al. **Biochemirtry** 1985 Jan 29; 24(3):556–61

Assembly and characterization of nucleosomal cores on B– vs. Z–form DNA. Miller FD, et al. **Biochemistry** 1985 Jan 1;24(1):102–9

Faithful initiation of ribosomal RNA transcription from cloned DNA by purified RNA polymerase I. Paule MR, et al. **Biochemistry** 1984 Aug 28;23(18):4167–72

Mechanism of rat liver DNA methyltransferase interaction with anti–benzo[a]pyrenediol epoxide modified DNA templates. Ruchirawat M, et al. **Biochemistry** 1984 Nov 6;23(23):5426–32

Isolation of a protein fraction that binds preferentially to chicken middle repetitive DNA. Sanzo M, et al. **Biochemistry** 1984 Dec 18;23(26):6491–8

Comparison of DNA binding properties of activated covalent and noncovalent glucocorticoid receptor–steroid complexes from HTC cells. Simons SS Jr, et al. **Biochemistry** 1984 Dec 18;23(26):6876–82

Human serum amyloid A (SAA): biosynthesis and postsynthetic processing of preSAA and structural variants defined by complementary DNA. Sipe JD, et al.

Biochemistry 1985 Jun 4;24(12):2931-6

Reconstitution of nativelike nuclear acceptor sites of the avian oviduct progesterone receptor: evidence for involvement of specific chromatin proteins and specific DNA sequences. Spelsberg TC, et al. **Biochemistry** 1984 Oct 23;23(22):5103-13

Lamprey fibrinogen gamma chain: cloning, cDNA sequencing, and general characterization. Strong DD, et al. **Biochemistry** 1985 Jan 1;24(1):92-101

Intracellular fate of liposome-encapsulated DNA in mouse liver. Analysis using electron microscope autoradiography and subcellular fractionation. Cudd A, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):477-91

DNA methylation is not increased in mouse-human somatic cell hybrids. Feinstein SI, et al. **Biochim Biophys Acta** 1985 Apr 19;824(4):336-40

Kinetics of dissociation of nogalamycin from DNA: comparison with other anthracycline antibiotics. Fox KR, et al. **Biochim Biophys Acta** 1985 Jul 5;840(3):383-92

Evidence of different binding sites for nogalamycin in DNA revealed by association kinetics. Fox KR, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):162-8

Terbium(3+) as a probe of nucleic acids structure. Does it alter the DNA conformation in solution? Gersanovski D, et al. **Biochim Biophys Acta** 1985 Apr 19;824(4):313-23

Formation of DNA modifications by chemical carcinogens. Identification, localization and quantification. Kriek E, et al. **Biochim Biophys Acta** 1984;738(4):181-201 (129 ref.)

Conformations of alternating purine-pyrimidine DNAs in high-CsF solutions and their reversal by dipyrandium, ethidium and high temperature. Kypr J, et al. **Biochim Biophys Acta** 1985 Feb 15;838(2):244-51

Specific recognition by the tripeptide lysyl-tryptophyl-alpha-lysine of structural damage induced in DNA by platinum derivatives. Le Doan T, et al. **Biochim Biophys Acta** 1985 Aug 21;825(4):353-9

High-affinity microtubule protein-higher organism DNA complexes. Many-fold enrichment in repetitive mouse DNA sequences comprised of satellite DNAs. Marx KA, et al. **Biochim Biophys Acta** 1984 Dec 14;783(3):283-92

Effect of spermine on interaction of DNA polymerase alpha from the loach (Misgurnus fossilis) eggs with DNA. Mikhailov VS, et al. **Biochim Biophys Acta** 1984 Oct 5; 783(1):6-14

Binding of the antitumor drug cis-diamminedichloroplatinum(II) (cisplatin) to DNA. Pinto AL, et al. **Biochim Biophys Acta** 1985;780(3):167-80 (71 ref.)

Neither adriamycin nor actinomycin D displaces Tb3+ from DNA. Stokke T, et al. **Biochim Biophys Acta** 1985 Aug 21;825(4):416-8

Chymotrypsin treatment of glucocorticoid receptor attenuates RNA-dependent inhibition of DNA binding. Evidence for a distinct RNA-binding site. Tymoczko JL, et al. **Biochim Biophys Acta** 1985 Aug 30;846(2):193-9

Sequence-dependent changes in the chiroptical properties of DNA upon interaction with dipyrandium. Vorlíčková M, et al. **Biochim Biophys Acta** 1985 Feb 15;838(2):236-43

Sequence specificity of cytosine methylation in the DNA of the Chinese hamster ovary (CHO-K1) cell line. Woodcock DM, et al. **Biochim Biophys Acta** 1984 Dec 14; 783(3):227-33

Albumin extinction followed by de novo methylation of its gene in somatic hybrids of a rat hepatoma. Sperling L, et al. **Biochimie** 1984 Nov-Dec;66(11-12):701-9

Interaction of paired homologous series of diacridines and triacridines with deoxyribonucleic acid. Denny WA, et al. **Biophys Chem** 1985 Jun;22(1-2):17-26

Condensation of DNA by the C-terminal domain of histone H1. A circular dichroism study. Morán F, et al. **Biophys Chem** 1985 Jun;22(1-2):125-9

Thermodynamics of the daunomycin-DNA interaction: ionic strength dependence of the enthalpy and entropy. Chaires JB. **Biopolymers** 1985 Feb;24(2):403-19

Ara-C incorporation into DNA [letter] Raza A, et al. **Blood** 1985 Jan;65(1):245-6

Human leukemic K562 cells: differential effects of 5-azacytidine on DNA methylation of epsilon-, gamma-globin and 7SL RNA genes. del Senno L, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1613-9

The effects of pretreatment of human tumour cells with MNNG on the DNA crosslinking and cytotoxicity of mitozolomide. Gibson NW, et al. **Br J Cancer** 1985 Aug; 52(2):251-8

Effect of misonidazole pretreatment on nitrogen mustard-induced DNA cross-linking in mouse tissues in vivo. Murray D, et al. **Br J Cancer** 1984 Dec;50(6):801-8

Hybridization of poly(A)+RNA from salivary glands of Rhynchosciara americana to restriction DNA fragments and polytene chromosomes. Zaha A, et al. **Braz J Med Biol Res** 1984;17(3-4):257-64

DNA methylation in differentiating mouse teratocarcinoma and erythroleukemia cells. Aujame L, et al. **Can J Biochem Cell Biol** 1984 Jul;62(7):584-91

Nuclear DNA in intestinal carcinoid tumors. A study before and after cytotoxin (streptozotocin and 5-fluorouracil) treatment. Wilander E, et al. **Cancer** 1985 Aug 15; 56(4):793-6

DNA ethylation in target and non-target organs of hamsters and rats treated with diethylnitrosamine. Becker RA, et al. **Cancer Lett** 1985 Feb;26(1):17-24

The activation and DNA binding of 7-methylbenz[c]-acridine catalysed by mouse liver microsomes. Boux LJ, et al. **Cancer Lett** 1985 Jan; 25(3):333-42

Brain microsomal enzyme mediated covalent binding of benzo[a]pyrene to DNA. Das M, et al. **Cancer Lett** 1985 Jan;25(3):343-50

DNA adduct formation in rat, human and hamster pancreas treated with methylnitrosourea. Friedman S, et al. **Cancer Lett** 1985 Apr;26(3):269-76

Effect of butylated hydroxyanisole on in vivo and in vitro hepatic aflatoxin B1-DNA binding in rats. Lotlikar PD, et al. **Cancer Lett** 1984 Oct;24(3):241-50

12-O-tetradecanoylphorbol-13-acetate-induced rapid loss of persistent 7,12-dimethylbenz[a]anthracene-DNA adducts in mouse epidermis and dermis. Randerath K, et al. **Cancer Lett** 1985 May;27(1):35-43

Fluoranthene and pyrene enhance benzo[a]pyrene--DNA adduct formation in vivo in mouse skin. Rice JE, et al. **Cancer Lett** 1984 Oct;24(3):327-33

Effects of vitamin E on liver DNA. Russo P, et al. **Cancer Lett** 1984 Dec;25(2):163-70

Metabolic activation of 7,12-dimethylbenz[a]anthracene in rat mammary tissue: fluorescence spectral characteristics of hydrocarbon-DNA adducts. Vigny P, et al. **Cancer Lett** 1985 Feb;26(1):51-9

Kinetics of formation and persistence of ethylguanines in DNA of rats and hamsters treated with diethylnitrosamine. Becker RA, et al. **Cancer Res** 1985 May;45(5):2076-84

Investigation of resistance to DNA cross-linking agents in 9L cell lines with different sensitivities to chloroethylnitrosoureas. Bodell WJ, et al. **Cancer Res** 1985 Aug;45(8):3460-4

Mutation at separate gene loci in Salmonella typhimurium TA100 related to DNA nucleotide modification by stereoisomeric benzo(a)pyrene 7,8-diol-9,10-epoxides. Burgess JA, et al. **Cancer Res** 1985 Sep;45(9):4257-62

Binding of chromium to chromatin and DNA from liver and kidney of rats treated with sodium dichromate and chromium(III) chloride in vivo. Cupo DY, et al. **Cancer Res** 1985 Mar;45(3):1146-51

Covalent binding of 7,12-dimethylbenz(a)anthracene and 10-fluoro-7,12-dimethylbenz(a)anthracene to mouse epidermal DNA and its relationship to tumor-initiating activity. DiGiovanni J, et al. **Cancer Res** 1985 Feb; 45(2):591-7

Inhibition of benzo(a)pyrene and benzo(a)pyrene-trans-7,8-diol metabolism and DNA binding in mouse lung explants by ellagic acid. Dixit R, et al. **Cancer Res** 1985 Jul;45(7):2951-6

Adducts from in vivo action of the carcinogen 4-hydroxyaminoquinoline 1-oxide in rats and from in vitro reaction of 4-acetoxyaminoquinoline 1-oxide with DNA and polynucleotides. Galiègue-Zouitina S, et al. **Cancer Res** 1985 Feb;45(2):520-5

DNA damage and differential cytotoxicity produced in human cells by 2-chloroethyl (methylsulfonyl)methanesulfonate (NSC 338947), a new DNA-chloroethylating agent. Gibson NW, et al. **Cancer Res** 1985 Apr;45(4):1674-9

Binding of metabolites of cyclophosphamide to DNA in a rat liver microsomal system and in vivo in mice. Hemminki K. **Cancer Res** 1985 Sep;45(9):4237-43

Quantitation of benzo(a)pyrene metabolite: DNA adducts in selected hepatic and pulmonary cell types isolated from [3H]benzo(a)pyrene-treated rabbits. Horton JK, et al. **Cancer Res** 1985 Aug;45(8):3477-81

Induction of DNA strand breaks and cross-links by 2,5-diaziridinyl-3,6-bis(carboethoxyamino)-1,4-benzoquin in Chinese hamster ovary cells. King CL, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5634-7

Formation of unique arylamine:DNA adducts from 2-aminofluorene activated by prostaglandin H synthase. Krauss RS, et al. **Cancer Res** 1985 Apr;45(4):1680-6

Induction of 5,6-ring-saturated thymine bases in NIH-3T3 cells by phorbol ester-stimulated macrophages: role of reactive oxygen intermediates. Lewis JG, et al. **Cancer Res** 1985 Mar;45(3):1270-5

Effect of glutathione depletion on the hepatotoxicity and covalent binding rat liver macromolecules of N-hydroxy-2-acetylaminofluorene. Meerman JH, et al. **Cancer Res** 1985 Mar;45(3):1132-9

A comparative study of the cytotoxicity and DNA-damaging effects of cis-(diammino)(1,1-cyclobutanedicarboxylato)-platinum(II and cis-diamminedichloroplatinum(II) on L1210 cells. Micetich KC, et al. **Cancer Res** 1985 Sep;45(9):4043-7

Formation and repair of DNA interstrand cross-links in relation to cytotoxicity and unscheduled DNA synthesis induced in control and mutant human cells treated with cis-diamminedichloroplatinum(II). Plooy AC, et al. **Cancer Res** 1985 Sep;45(9):4178-84

Effect of phenobarbital and other liver monooxygenase modifiers on dimethylnitrosamine-induced alkylation of rat liver macromolecules. Schwarz M, et al. **Cancer Res** 1985 May;45(5):2020-4

Species- and length of exposure-dependent differences in the benzo(a)pyrene:DNA adducts formed in embryo cell cultures from mice, rats, and hamsters. Sebti SM, et al. **Cancer Res** 1985 Apr;45(4):1594-600

Metabolism of 1-beta-D-arabinofuranosyl-5-azacytosine and incorporation into DNA of human T-lymphoblastic cells (Molt-4). Townsend A, et al. **Cancer Res** 1985 Aug; 45(8):3522-8

Further characterization of the DNA adducts formed by electrophilic esters of the hepatocarcinogens 1'-hydroxysafrole and 1'-hydroxyestragole in vitro and in mouse liver in vivo, including new adducts at C-8 and N-7 of guanine residues. Wiseman RW, et al. **Cancer Res** 1985 Jul;45(7):3096-105

Catalysis of the covalent binding of 3-hydroxyamino-1-methyl-5H-pyrido[4,3-b]indole to DNA by a L-proline- and adenosine triphosphate-dependent enzyme in rat hepatic cytosol. Yamazoe Y, et al. **Cancer Res** 1985 Jun;45(6):2495-500

Factors influencing benzo[a]pyrene metabolism in human mammary epithelial cells in culture. Bartley JC, et al. **Carcinogenesis** 1985 Jul;6(7):1017-22

Factors modulating the formation of DNA adduct by aflatoxin B1 in vitro. Bhattacharya RK, et al. **Carcinogenesis** 1984 Oct;5(10):1359-62

Methylglyoxal-induced DNA-protein cross-links and cytotoxicity in Chinese hamster ovary cells. Brambilla G, et al. **Carcinogenesis** 1985 May;6(5):683-6

Effects of dietary indoles and isothiocyanates on N-nitrosodimethylamine and 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone alpha-hydroxylation and DNA methylation in rat liver. Chung FL, et al. **Carcinogenesis** 1985 Apr;6(4):539-43

Formation and disappearance of benzo[a]pyrene DNA-adducts in mouse epidermis. DiGiovanni J, et al. **Carcinogenesis** 1985 May;6(5):741-7

Acetyl coenzyme A-dependent binding of carcinogenic and mutagenic dinitropyrenes to DNA. Djurić Z, et al. **Carcinogenesis** 1985 Jun;6(6):941-4

DNA adducts formed from the probable proximate carcinogen, N-hydroxy-3,2' -dimethyl-4-aminobiphenyl, by acid catalysis or S-acetyl coenzyme A-dependent enzymatic esterification. Flammang TJ, et al. **Carcinogenesis** 1985 Feb;6(2):251-8

Measurement of O6-methyldeoxyguanosine in DNA methylated by the tobacco-specific carcinogen 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone using a biotin-avidin enzyme-linked immunosorbent assay. Foiles PG, et al. **Carcinogenesis** 1985 Jul;6(7):989-93

Hepatic N-oxidation, acetyl-transfer and DNA-binding of the acetylated metabolites of the carcinogen, benzidine. Frederick CB, et al. **Carcinogenesis** 1985 Jul;6(7):959-65

Specific DNA repair mechanisms may protect some human tumor cells from DNA interstrand crosslinking by chloroethylnitrosoureas but not from crosslinking by other anti-tumor alkylating agents. Gibson NW, et al. **Carcinogenesis** 1985 Mar;6(3):445-50

Immunological titration of 3-N-acetyl-hydroxyamino-4,6-dimethyldipyrido(1,2-a:3', imidazole-rat liver DNA adducts. Hebert E, et al. **Carcinogenesis** 1985 Jun;6(6):937-9

Methylation of DNA in stomach and small intestine of rats after oral administration of methylamine and nitrite. Huber KW, et al. **Carcinogenesis** 1984 Dec;5(12):1729-32

The cytotoxic and mutagenic effects of alkylating agents on human lymphoid cells are caused by different DNA lesions. Karran P, et al. **Carcinogenesis** 1985 May;6(5):789-92

Modification of aflatoxin B1 binding to DNA in vivo in rats fed phenolic antioxidants, ethoxyquin and a dithiothione. Kensler TW, et al. **Carcinogenesis** 1985 May;6(5):759-63

Ultraviolet irradiation of monkey cells enhances the repair of DNA adducts in alpha DNA. Leadon SA, et al. **Carcinogenesis** 1984 Nov;5(11):1505-10

Mechanism of DNA methylation by N-nitroso(2-oxopropyl)propylamine. Leung KH, et al. **Carcinogenesis** 1985 Feb;6(2):189-91

Target organ-specific covalent DNA damage preceding diethylstilbestrol-induced carcinogenesis. Liehr JG, et al. **Carcinogenesis** 1985 Jul;6(7):1067-9

Involvement of the exocyclic amino group of deoxyguanosine in DNA-catalysed carcinogen detoxification. MacLeod MC, et al. **Carcinogenesis** 1985 Jan;6(1):147-9

Repair of O6-propylguanine and O6-butylguanine in DNA by O6-alkylguanine-DNA alkyltransferases from rat liver and E. coli. Morimoto K, et al. **Carcinogenesis** 1985 Jul; 6(7):1027-31

Absence of DNA breaks during repair of DNA-protein cross-links induced by the mycotoxin botryodiplodin in mammalian cells. Moulé Y, et al. **Carcinogenesis** 1984 Oct; 5(10):1375-7

Ellagic acid: a potent naturally occurring inhibitor of benzo[a]pyrene metabolism and its subsequent glucuronidation, sulfation and covalent binding to DNA in cultured BALB/C mouse keratinocytes. Mukhtar H, et al. **Carcinogenesis** 1984 Dec;5(12):1565-71

Detection of DNA adducts in N-acetoxy-2-acetylaminofluorene-treated human fibroblasts by means of immunofluorescence microscopy and quantitative immunoautoradiography. Muysken-Schoen MA, et al. **Carcinogenesis** 1985 Jul; 6(7):999-1004

Quantitation by electron microscopy of the binding of highly specific antibodies to benzo[a]pyrene-DNA adducts. Paules RS, et al. **Carcinogenesis** 1985 Feb;6(2):193-8

32P-post-labelling analysis of DNA adducts formed in the livers of animals treated with safrole, estragole and other naturally-occurring alkenylbenzenes. II. Newborn male B6C3F1 mice. Phillips DH, et al. **Carcinogenesis** 1984 Dec;

5(12):1623–8

The quantitative detection of various Pt–DNA–adducts in Chinese hamster ovary cells treated with cisplatin: application of immunochemical techniques. Plooy AC, et al. **Carcinogenesis** 1985 Apr;6(4):561–6

DNA adduct formation, removal and persistence in rat liver during one month of feeding 2–acetylaminofluorene. Poirier MC, et al. **Carcinogenesis** 1984 Dec;5(12):1591–6

32P–postlabeling analysis of DNA adducts persisting for up to 42 weeks in the skin, epidermis and dermis of mice treated topically with 7,12–dimethylbenz[a]anthracene. Randerath E, et al. **Carcinogenesis** 1985 Aug;6(8):1117–26

32P–post–labelling analysis of DNA adducts formed in the livers of animals treated with safrole, estragole and other naturally–occurring alkenylbenzenes. I. Adult female CD–1 mice. Randerath K, et al. **Carcinogenesis** 1984 Dec; 5(12):1613–22

Comparison of the binding of some carcinogenic and non–carcinogenic cyclopenta[a]phenanthrenes to DNA in vitro and in vivo. Russell JC, et al. **Carcinogenesis** 1985 Aug;6(8):1223–5

Tissue–specific DNA adduct formation in mice treated with the environmental carcinogen, 7H–dibenzo[c,g]carbazole. Schurdak ME, et al. **Carcinogenesis** 1985 Sep;6(9):1271–4

Metabolism and DNA adduct formation of 2–acetylaminofluorene by bladder explants from human, dog, monkey, hamster and rat. Schut HA, et al. **Carcinogenesis** 1984 Oct;5(10):1287–92

Benzo[a]pyrene–DNA adduct formation in target and activator cells in a Wistar rat embryo cell–mediated V79 cell mutation assay. Sebti SM, et al. **Carcinogenesis** 1985 Jul;6(7):983–8

DNA binding of N–hydroxy–Trp–P–2 and N–hydroxy–Glu–P–1 by acetyl–CoA dependent enzyme in mammalian liver cytosol. Shinohara A, et al. **Carcinogenesis** 1985 Feb;6(2):305–7

Formation of O6–methylguanine in rat liver DNA by nitrosamines does not predict initiation of preneoplastic foci. Silinskas KC, et al. **Carcinogenesis** 1985 May; 6(5):773–5

Evidence for N–(deoxyguanosin–8–yl)–1–aminopyrene as a major DNA adduct in female rats treated with 1–nitropyrene. Stanton CA, et al. **Carcinogenesis** 1985 Apr; 6(4):535–8

The effect of ellagic acid on the uptake, persistence, metabolism and DNA–binding of benzo[a]pyrene in cultured explants of strain A/J mouse lung. Teel RW, et al. **Carcinogenesis** 1985 Mar;6(3):391–5

An applied synchronous fluorescence spectrophotometric assay to study benzo[a]pyrene–diolepoxide–DNA adducts. Vahakangas K, et al. **Carcinogenesis** 1985 Aug;6(8):1109–15

Association between DNA strand breaks and specific DNA adducts in murine hepatocytes following in vivo and in vitro exposure to N–hydroxy–2–acetylaminofluorene and N–acetoxy–2–acetylaminofluorene. Vu VT, et al. **Carcinogenesis** 1985 Jan;6(1):45–52

Formation of DNA adducts in vivo in rat liver and intestinal epithelium after administration of the carcinogen 3,2'–dimethyl–4–aminobiphenyl and its hydroxamic acid. Westra JG, et al. **Carcinogenesis** 1985 Jan;6(1):37–44

Nafenopin–induced rat liver peroxisome proliferation reduces DNA methylation by N–nitrosodimethylamine in vivo. Wiestler OD, et al. **Carcinogenesis** 1985 Sep;6(9):1309–13

DNA adducts formed by ring–oxidation of the carcinogen 2–naphthylamine with prostaglandin H synthase in vitro and in the dog urothelium in vivo. Yamazoe Y, et al. **Carcinogenesis** 1985 Sep;6(9):1379–87

A high affinity topoisomerase I binding sequence is clustered at DNAase I hypersensitive sites in Tetrahymena R–chromatin. Bonven BJ, et al. **Cell** 1985 Jun;41(2):541–51

Interaction of specific nuclear factors with the nuclease–hypersensitive region of the chicken adult beta–globin gene: nature of the binding domain. Emerson BM, et al. **Cell** 1985 May;41(1):21–30

Transcriptional and posttranscriptional regulation of interferon–induced gene expression in human cells. Friedman RL, et al. **Cell** 1984 Oct;38(3):745–55

Xenopus 5S gene transcription factor, TFIIIA: characterization of a cDNA clone and measurement of RNA levels throughout development. Ginsberg AM, et al. **Cell** 1984 Dec;39(3 Pt 2):479–89

The major intrinsic protein (MIP) of the bovine lens fiber membrane: characterization and structure based on cDNA cloning. Gorin MB, et al. **Cell** 1984 Nov;39(1):49–59

Left–handed DNA and the synaptic pairing reaction promoted by Ustilago rec1 protein. Kmiec EB, et al. **Cell** 1985 Jan;40(1):139–45

Reconstitution experiments show that sequence–specific histone–DNA interactions are the basis for nucleosome phasing on mouse satellite DNA. Linxweiler W, et al. **Cell** 1985 Aug;42(1):281–90

DNA–binding activity is associated with purified myb proteins from AMV and E26 viruses and is temperature–sensitive for E26 ts mutants. Moelling K, et al. **Cell** 1985 Apr;40(4):983–90

Chi–dependent DNA strand cleavage by RecBC enzyme. Ponticelli AS, et al. **Cell** 1985 May;41(1):145–51

A structural basis for S1 nuclease sensitivity of double–stranded DNA. Pulleyblank DE, et al. **Cell** 1985 Aug;42(1):271–80

DNA intermediates and telomere addition during genome reorganization in Euplotes crassus. Roth M, et al. **Cell** 1985 Jun;41(2):411–7

Novel partitioning of DNA cleavage sites for Drosophila topoisomerase II. Udvardy A, et al. **Cell** 1985 Apr; 40(4):933–41

The human LDL receptor: a cysteine–rich protein with multiple Alu sequences in its mRNA. Yamamoto T, et al. **Cell** 1984 Nov;39(1):27–38

The transition point for protein synthesis in late S–G2 may be delayed by genome bromosubstitution without affecting the time of entry into mitosis. González–Fernández A, et al. **Cell Biol Int Rep** 1985 Mar;9(3):237–43

Cell population kinetics and DNA content during thyroid carcinogenesis. Christov K. **Cell Tissue Kinet** 1985 Mar; 18(2):119–31

The intercalative DNA binding and antitumor activity of some bis–acridines related to nitracrine. Acheson RM, et al. **Chem Biol Interact** 1985 May;53(3):371–5

Metabolism of methyl n–amyl ketone (2–heptanone) and its binding to DNA of rat liver in vivo and in vitro. Albro PW, et al. **Chem Biol Interact** 1984 Oct;51(3):295–308

Interaction of intercalating and non–intercalating agents with DNA: use of hydroxyapatite chromatography and S1 nuclease. Alvi NK, et al. **Chem Biol Interact** 1985 Feb–Apr; 53(1–2):219–31

In vivo covalent binding of retronecine–labelled [3H]seneciphylline and [3H]senecionine to DNA of rat liver, lung and kidney. Candrian U, et al. **Chem Biol Interact** 1985 Jun;54(1):57–69

Irreversible binding of the chloropromazine radical cation and of photoactivated chlorpromazine to biological macromolecules. de Mol NJ, et al. **Chem Biol Interact** 1984 Nov;52(1):79–92

Specificity in carcinogen–DNA interaction: a theoretical exploration of the factors involved in the effect of neighboring bases on N–methyl–N–nitrosourea alkylation of DNA. Furois–Corbin S, et al. **Chem Biol Interact** 1985 Jun;54(1):9–13

Patterns of structural change in DNA during tissue necrosis indicated by benzoylated DEAE–cellulose chromatography. Haber M, et al. **Chem Biol Interact** 1985 May;53(3):247–55

Catalysis of carcinogen–detoxification by DNA: comparison of enantiomeric diol epoxides. MacLeod MC, et al. **Chem Biol Interact** 1985 Jun;54(1):45–55

Investigation of absorption, metabolism kinetics and DNA–binding of intratracheally administered benzo[a]pyrene in the isolated, perfused rat lung: a comparative study between microcrystalline and particulate adsorbed benzo[a]pyrene. Törnquist S, et al. **Chem Biol Interact** 1985 Jul;54(2):185–98

Peroxidase–mediated irreversible binding of arylamine carcinogens to DNA in intact polymorphonuclear leukocytes activated by a tumor promoter. Tsuruta Y, et al. **Chem Biol Interact** 1985 Feb–Apr;53(1–2):25–35

Peroxidase–catalyzed benzidine binding to DNA and other macromolecules. Tsuruta Y, et al. **Chem Biol Interact** 1985 Jul;54(2):143–58

The in vitro interaction of naphthyridinomycin with deoxyribonucleic acids. Zmijewski MJ Jr, et al. **Chem Biol Interact** 1985 Jan;52(3):361–75

High–performance liquid chromatographic determination of 3–methylcytosine in deoxyribonucleic acid treated with carcinogenic methylating agents in vitro and in vivo. Kawasaki H, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar; 33(3):1170–4

Degradation of nucleic acids with ozone. VI. Labilization of the double–helical structure of calf thymus deoxyribonucleic acid. Shinriki N, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3636–40

Effects of serum and serum components on the binding of DNA to thioglycollate–stimulated mouse peritoneal macrophages. Weliky N, et al. **Clin Immunol Immunopathol** 1985 Jan;34(1):118–23

The cleavage of DNA by type–I DNA topoisomerases. Kirkegaard K, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:411–9

Resolvase–mediated recombination intermediates contain a serine residue covalently linked to DNA. Reed RR, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:245–9

Effect of gossypol on macromolecular synthesis in rat testis. An in vitro study. Kainz P, et al. **Contraception** 1985 Feb; 31(2):151–8

Relative DNA content in lymphocytes and buccal mucosa of patients with sex chromosomal anomalies. Sen S, et al. **Cytobios** 1985;42(166):87–91

Fate of DNA injected into early Drosophila embryos. Steller H, et al. **Dev Biol** 1985 May;109(1):54–62

Metabolism of 7,12–dimethylbenz(a)anthracene and its DNA adduct formation in human fetal kidney and intestinal cells in culture. Oravec CT, et al. **Drug Metab Dispos** 1985 Jan–Feb;13(1):76–80

Metabolism of carcinogenic amino derivatives in various species and DNA alkylation by their metabolites. Schut HA, et al. **Drug Metab Rev** 1984;15(4):753–839 (393 ref.)

Identification of the coding region for a second Epstein–Barr virus nuclear antigen (EBNA 2) by transfection of cloned DNA fragments. Mueller–Lantzsch N, et al. **EMBO J** 1985 Jul;4(7):1805–11

Differential methylation of the c–H–ras gene in normal mouse cells and during skin tumour progression. Ramsden M, et al. **EMBO J** 1985 Jun;4(6):1449–54

Human 2–5A synthetase: characterization of a novel cDNA and corresponding gene structure. Saunders ME, et al. **EMBO J** 1985 Jul;4(7):1761–8

Investigation of thermic transition and renaturation of high polymerized DNA extracted from thyroid nodule. Bistriceanu M, et al. **Endocrinologie** 1985 Apr–Jun; 23(2):115–9

Pre–proglucagon messenger ribonucleic acid: nucleotide and encoded amino acid sequences of the rat pancreatic complementary deoxyribonucleic acid. Heinrich G, et al. **Endocrinology** 1984 Dec;115(6):2176–81

Time resolved fluorescence of bacteriophage Pf1 DNA binding protein and its complex with DNA. Greulich KO, et al. **Eur Biophys J** 1985;11(3):195–201

A cytosol protease from the estrogen–resistant C3H mammary carcinoma increases the affinity of the estrogen receptor for DNA in vitro. Baskevitch PP, et al. **Eur J Biochem** 1985 Feb 1;146(3):671–8

Kinetic evidence for redistribution of actinomycin molecules between potential DNA–binding sites. Fox KR, et al. **Eur J Biochem** 1984 Dec 17;145(3):579–86

Cloning and expression in Escherichia coli of cDNA for serine: pyruvate aminotransferase of rat liver. Oda T, et al. **Eur J Biochem** 1985 Aug 1;150(3):415–21

A comparison of the structural requirements for DNA cleavage by the isoschizomers HaeIII, BspRI and BsuRI. Wolfes H, et al. **Eur J Biochem** 1985 Jul 1;150(1):105–10

Multimeric complexes of differentiation–inducing protein bound to DNA. Weisinger G, et al. **Eur J Cell Biol** 1985 May;37:196–202

A study of mitochondrial and nuclear transcription with cloned cDNA probes. Changes in the relative abundance of mitochondrial transcripts after stimulation of quiescent mouse fibroblasts. Edwards DR, et al. **Exp Cell Res** 1985 Mar;157(1):127–43

Novel cell cycle regulation in the yeast Schizosaccharomyces pombe. The DNA–division sequence modulates mass accumulation. Johnston GC, et al. **Exp Cell Res** 1985 Jan; 158(2):544–53

Initiated complexes of RNA polymerase II are concentrated in the nuclear skeleton associated DNA. Razin SV, et al. **Exp Cell Res** 1985 May;158(1):273–5

Nucleic acids, glycogen deposition and adrenal gland steroidogenesis in rats with a pituitary mammotropic tumor (MtTF4). Klepac R. **Exp Clin Endocrinol** 1984 Jul; 84(1):117–25

Changes in nucleic acid content in aging Drosophila bipectinata. Wadhwa R, et al. **Exp Gerontol** 1984; 19(3):199–203

Association of anthracycline derivatives with DNA: a fluorescence study. Valentini L, et al. **Farmaco [Sci]** 1985 Jun;40(6):377–90

A phosphorus NMR study of the reaction products of cis–diamminedichloroplatinum (II) with a double–helical oligonucleotide and with DNA. den Hartog JH, et al. **FEBS Lett** 1984 Oct 29;176(2):393–7

Evidence for similar structural changes on binding of platinum anti–tumor agents to DNA and nucleosomes. Marzilli LG, et al. **FEBS Lett** 1984 Oct 29;176(2):389–92

Sex– and tissue–specific, but hormonally independent, demethylation at the 3'–end of Xenopus vitellogenin gene B1. Ng WC, et al. **FEBS Lett** 1984 Dec 10;178(2):217–22

In vitro enzymatic methylation of DNA substituted by N–2–aminofluorene. Pfohl–Leszkowicz A, et al. **FEBS Lett** 1984 Dec 3;178(1):59–63

Hypomethylation of DNA in meiotic and postmeiotic rooster testis cells. Rocamora N, et al. **FEBS Lett** 1984 Nov 5; 177(1):81–4

Hydrodynamic studies of a DNA–protein complex. Elongation of single stranded nucleic acids upon complexation with the gene 32 protein of phage T4 deduced from electric field–induced birefringence experiments. Scheerhagen MA, et al. **FEBS Lett** 1985 Jan 7;179(2):221–4

Methylation of a middle repetitive DNA sequence class during differentiation in Friend erythroleukemia cells. Tolberg ME, et al. **FEBS Lett** 1984 Oct 15;176(1):250–4

Determination of the binding of trenbolone and zeranol to rat–liver DNA in vivo as compared to 17 beta–oestradiol and testosterone. Barraud B, et al. **Food Addit Contam** 1984 Apr–Jun;1(2):147–55

Effect of butylated hydroxytoluene pretreatment on the excretion, tissue distribution and DNA binding of [14C]aflatoxin B1 in the rat. Fukayama MY, et al. **Food Chem Toxicol** 1985 Jun;23(6):567–73

Association of nitrosamine–derived radioactivity with nuclear and mitochondrial DNA in mice. Daugherty JP, et al. **Gann** 1985 Mar;76(3):197–201

Modification of nucleic acids with 1–nitropyrene in the rat: identification of the modified nucleic acid base. Hashimoto Y, et al. **Gann** 1985 Apr;76(4):253–6

Effect of DNA conformation on the binding of antibodies to benzo[a]pyrene diol–epoxide DNA adducts. Slor H, et al. **Gann** 1985 Jun;76(6):488–95

Suppressive effect of cupric acetate on DNA alkylation, DNA synthesis and tumorigenesis in the liver of dimethylnitrosamine–treated rats. Yamane Y, et al. **Gann** 1984 Dec;75(12):1062–9

Expression of cloned calf prochymosin cDNA under control of the tryptophan promoter. Nishimori K, et al. **Gene** 1984 Jul–Aug;29(1–2):41–9

Insertion of eukaryotic DNA into the Bacillus subtilis genome by means of a temperature–sensitive plasmid vector.

Prozorov AA, et al. **Gene** 1985;34(1):39–46

Rapid size determination of mRNAs complementary to cloned DNA sequences: plaque and colony hybrid-selection of cDNAs. Shaw PH, et al. **Gene** 1984 Jul-Aug;29(1-2):77–85

A longitudinal study of cyclic nucleotide phosphodiesterase activity and its relationship with nucleic acid content in the myometrium of cynomolgus monkeys (Macaca fascicularis) between days 39 and 162 of gestation. Ferre F, et al. **Gynecol Obstet Invest** 1985;19(1):42–52

Molecular cloning of cDNA for the human interleukin-2 receptor. Greene WC, et al. **Hamatol Bluttransfus** 1985; 29:388–95

Estimation of absorbed dose in cell nuclei due to DNA-bound 3H. Saito M, et al. **Health Phys** 1985 Apr; 48(4):465–73

Visualisation of messenger RNA directing peptide synthesis by in situ hybridisation using a novel single-stranded cDNA probe. Potential for the investigation of gene expression and endocrine cell activity. Varndell IM, et al. **Histochemistry** 1984;81(6):597–601

Kinetics of DNA methylation by the tobacco-specific carcinogen 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone in F344 rats. Castonguay A, et al. **IARC Sci Publ** 1984;(57):805–10

Molecular basis for the activity of nickel. Ciccarelli RB, et al. **IARC Sci Publ** 1984;(53):201–13

Methylation of protein and nucleic acids in vivo: use of trideuteromethylating agents or precursors. Shuker DE, et al. **IARC Sci Publ** 1984;(57):589–94

DNA methylation by N-nitrosomethylbenzylamine in target and non-target tissues of laboratory rodents. Comparison with carcinogenicity. Wiestler OD, et al. **IARC Sci Publ** 1984;(57):595–601

Interaction of bull sperm deoxyribonucleic acid with basic proteins. Jagannadham MV, et al. **Indian J Biochem Biophys** 1984 Aug;21(4):263–5

Effect of 4-dimethylaminoazobenzene on DNA of livers of developing chick embryos. Sarma DK, et al. **Indian J Med Res** 1984 Apr;79:520–2

Physico-chemical probes of intercalation. Dougherty G, et al. **Int J Biochem** 1984;16(12):1179–92 (122 ref.)

Effects of an overload of animal protein on the rat: brain DNA alterations and tissue morphological modifications during fetal and post-natal stage. Greco AM, et al. **Int J Vitam Nutr Res** 1985;55(1):107–12

DNA methylation in eukaryotic cells. Razin A, et al. **Int Rev Cytol** 1984;92:159–85 (150 ref.)

Infrequent cleavage of cloned Anabaena variabilis DNA by restriction endonucleases from A. variabilis. Herrero A, et al. **J Bacteriol** 1984 Nov;160(2):781–4

Return of Streptococcus faecalis DNA cloned in Escherichia coli to its original host via transformation of Streptococcus sanguis followed by conjugative mobilization. Smith MD, et al. **J Bacteriol** 1984 Dec;160(3):1109–14

Expression of poliovirus complementary DNA coding for viral antigenic determinants in Escherichia coli. Kuge S, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):305–12

Molecular cloning and nucleotide sequence of cDNA coding for rat brain cholecystokinin precursor. Kuwano R, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):923–6

A possible correlation between DNA conformation and the mode of action of restriction enzymes. Nishimura Y, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1807–11

Molecular cloning of cDNA for rat and human carbamyl phosphate synthetase I. Adcock MW, et al. **J Biol Chem** 1984 Nov 10;259(21):13471–6

Trypsin cleavage of chick 1,25-dihydroxyvitamin D3 receptors. Generation of discrete polypeptides which retain hormone but are unreactive to DNA and monoclonal antibody. Allegretto EA, et al. **J Biol Chem** 1985 Aug 25; 260(18):10139–45

Nonhistone chromosomal protein HMG 1 interactions with DNA. Fluorescence and thermal denaturation studies. Butler AP, et al. **J Biol Chem** 1985 Sep 5;260(19):10613–20

The association of the interspersed repetitive KpnI sequences with the nuclear matrix. Chimera JA, et al. **J Biol Chem** 1985 Aug 5;260(16):9373–9

Formation of highly stable complexes between 5-azacytosine-substituted DNA and specific non-histone nuclear proteins. Implications for 5-azacytidine-mediated effects on DNA methylation and gene expression. Christman JK, et al. **J Biol Chem** 1985 Apr 10; 260(7):4059–68

Purification and preliminary characterization of a macromolecular inhibitor of glucocorticoid receptor binding to DNA. Dahmer MK, et al. **J Biol Chem** 1985 Jun 25;260(12):7705–15

The DNA restriction endonuclease of Escherichia coli B. II. Further studies of the structure of DNA intermediates and products. Endlich B, et al. **J Biol Chem** 1985 May 10;260(9):5729–38

Methylation of type II and type I collagen genes in differentiated and dedifferentiated chondrocytes. Fernández MP, et al. **J Biol Chem** 1985 Feb 25; 260(4):2374–8

Molecular cloning of a cDNA for human pyruvate carboxylase. Structural relationship to other biotin-containing carboxylases and regulation of mRNA content in differentiating preadipocytes. Freytag SO, et al. **J Biol Chem** 1984 Oct 25;259(20):12831–7

Pituitary alpha subunit mRNA amounts during the sheep estrous cycle. Assessment by cDNA hybridizations. Landefeld TD, et al. **J Biol Chem** 1984 Oct 25; 259(20):12817–20

Cloning and characterization of DNA complementary to rat liver UDP-glucuronosyltransferase mRNA. Mackenzie PI, et al. **J Biol Chem** 1984 Oct 10;259(19):12153–60

Electrostatic deformation of DNA by a DNA-binding protein. Matthew JB, et al. **J Biol Chem** 1985 May 25; 260(10):5860–2

The cDNA cloning of a 55-kilodalton protein from guinea pig seminal vesicle. Evidence that the protein is the precursor of a 25-kilodalton basic secretory protein. Moore JT, et al. **J Biol Chem** 1985 Mar 25;260(6):3826–32

Primary structure of a glycosylated DNA-binding domain in human plasma fibronectin. Pande H, et al. **J Biol Chem** 1985 Feb 25;260(4):2301–6

Characterization of a developmentally regulated perinatal myosin heavy-chain gene expressed in skeletal muscle. Periasamy M, et al. **J Biol Chem** 1984 Nov 10; 259(21):13573–8

Expression of human terminal deoxynucleotidyl transferase in Escherichia coli. Peterson RC, et al. **J Biol Chem** 1985 Sep 5;260(19):10495–502

Bacterial expression and characterization of proteins derived from the chicken calmodulin cDNA and a calmodulin processed gene. Putkey JA, et al. **J Biol Chem** 1985 Apr 25;260(8):4704–12

Rabbit muscle creatine phosphokinase. CDNA cloning, primary structure and detection of human homologues. Putney S, et al. **J Biol Chem** 1984 Dec 10;259(23):14317–20

Only the promoter region of the constitutively expressed normal and amplified human dihydrofolate reductase gene is DNase I hypersensitive and undermethylated. Shimada T, et al. **J Biol Chem** 1985 Feb 25;260(4):2468–74

Sequence and evolution of guinea pig preproinsulin DNA. Watt VM. **J Biol Chem** 1985 Sep 15;260(20):10926–9

Chromium-induced cross-linking of nuclear proteins and DNA. Wedrychowski A, et al. **J Biol Chem** 1985 Jun 10; 260(11):7150–5

Identification of functional murine adenosine deaminase cDNA clones by complementation in Escherichia coli. Yeung CY, et al. **J Biol Chem** 1985 Aug 25; 260(18):10299–307

Normal and perturbed Chinese hamster ovary cells: correlation of DNA, RNA, and protein content by flow cytometry. Crissman HA, et al. **J Cell Biol** 1985 Jul; 101(1):141–7

Locations of Z-DNA in polytene chromosomes. Lancillotti F, et al. **J Cell Biol** 1985 May;100(5):1759–66

Spatial distribution of DNA loop attachment and replicational sites in the nuclear matrix. Smith HC, et al. **J Cell Biol** 1984 Nov;99(5):1794–802

Vitamin D resistance and alopecia: a kindred with normal 1,25-dihydroxyvitamin D binding, but decreased receptor affinity for deoxyribonucleic acid. Hirst MA, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):490–5

Growth and biochemical changes in mammary glands of ewes from 1 to 18 months of age. Hassan A, et al. **J Dairy Sci** 1985 Jul;68(7):1647–51

C-reactive protein mediates the solubilization of nuclear DNA by complement in vitro. Robey FA, et al. **J Exp Med** 1985 Jun 1;161(6):1344–56

Molecular cloning of cDNA encoding gp68 of adult T-cell leukaemia-associated antigen: evidence for expression of the pX IV region of human T-cell leukaemia virus. Takeuchi K, et al. **J Gen Virol** 1985 Aug;66 (Pt 8):1825–9

Cytophotometry of nucleic acids and morphometry of motor neurons and oligodendroglia in the spinal cord of rats treated with CCNU (lomustine). Wygladalska-Jernas H, et al. **J Hirnforsch** 1984;25(5):487–92

Computerized measurement of the DNA content, areas, and autoradiographic grains of the same nuclei: demonstration that lightly (3H)thymidine-labeled bone marrow cells are predominantly in G0/G1 and G2. Allison DC, et al. **J Histochem Cytochem** 1984 Nov;32(11):1197–203

Ultrastructural localization of nucleic acids through several cytochemical techniques on osmium-fixed tissues: comparative evaluation of the different labelings. Bendayan M, et al. **J Histochem Cytochem** 1984 Nov;32(11):1185–91

Detection of 5-bromodeoxyuridine (BrdUrd) incorporation by monoclonal antibodies: role of the DNA denaturation step. Moran R, et al. **J Histochem Cytochem** 1985 Aug; 33(8):821–7

Interaction of DNA with connective tissue matrix proteins reveals preferential binding to type V collagen. Gay S, et al. **J Immunol** 1985 Aug;135(2):1097–100

A cloned MCGF cDNA encodes a multilineage hematopoietic growth factor: multiple activities of interleukin 3. Rennick DM, et al. **J Immunol** 1985 Feb; 134(2):910–4

Psoralenamines. 3. Synthesis, pharmacological behavior, and DNA binding of 5-(aminomethyl)-8-methoxy-, 5-[[(3-aminopropyl)oxy]methyl]-, and 8-[(3-aminopropyl)oxy]psoralen derivatives. Hansen JB, et al. **J Med Chem** 1985 Aug;28(8):1001–10

Comparative computer graphics and solution studies of the DNA interaction of substituted anthraquinones based on doxorubicin and mitoxantrone. Islam SA, et al. **J Med Chem** 1985 Jul;28(7):857–64

The intercalation of 6-chloro-substituted-9-[[3-(dimethylamino)propyl]amino] with DNA. Kitchen SE, et al. **J Med Chem** 1985 Jul; 28(7):940–4

Covalent binding of isomeric 7-(2,3-epoxypropoxy)actinomycin D to DNA. Sengupta SK, et al. **J Med Chem** 1984 Nov;27(11):1465–70

A substituent constant analysis of the interaction of substituted naphthalene monoimides with DNA. Stevenson KA, et al. **J Med Chem** 1984 Dec;27(12):1677–82

Binding of an antitumor drug to DNA, Netropsin and C-G-C-G-A-A-T-T-BrC-G-C-G. Kopka ML, et al. **J Mol Biol** 1985 Jun 25;183(4):553–63

DNA changes in spinal cords of rats with experimental allergic encephalomyelitis. Smith ME, et al. **J Neurochem** 1984 Dec;43(6):1635–41

Simulation of normal protein accretion in rats. Oltjen JW, et al. **J Nutr** 1985 Jan;115(1):45–52

Microcalorimetric investigation of the binding of some chemotherapeutic agents and related molecules to calf thymus DNA. Vincent WR, et al. **J Pharm Sci** 1984 Sep; 73(9):1279–84

A new series of reductive amination derivatives of daunorubicin: syntheses, partition coefficients, and DNA binding. Yen SF, et al. **J Pharm Sci** 1984 Nov;73(11):1575–9

Reactivity and possible significance of hydroxylamine and nitroso metabolites of procainamide. Uetrecht JP. **J Pharmacol Exp Ther** 1985 Feb;232(2):420–5

Modulation of DNA binding of glucocorticoid receptor by aurintricarboxylic acid. Moudgil VK, et al. **J Steroid Biochem** 1985 Aug;23(2):125–32

Covalent binding of benzo[a]pyrene diol epoxide to DNA of mouse skin: in vivo persistence of adducts formation. Shugart L. **J Toxicol Environ Health** 1985;15(2):255–63

An immunoassay for the study of DNA-binding activities of herpes simplex virus protein ICP8. Lee CK, et al. **J Virol** 1985 Jun;54(3):731–8

Covalent modification of DNA by antineoplastic agents. Hemminki K, et al. **JNCI** 1984 Nov;73(5):1021–8 (89 ref.)

Influence of nicotine on DNA metabolism. Altmann H, et al. **Klin Wochenschr** 1984;62 Suppl 2:101–4

Changes in DNA and in nuclear and nucleolar dry mass and area in senescing parenchyma cells of corn cob and stalk tissues. Commean VL, et al. **Mech Ageing Dev** 1985 Feb; 29(2):205–13

Longevity-dependent organ-specific accumulation of DNA damage in two closely related murine species. Su CM, et al. **Mech Ageing Dev** 1984 Oct 15;27(2):239–47

Changes in T-DNA methylation and expression are associated with phenotypic variation and plant regeneration in a crown gall tumor line. Amasino RM, et al. **MGG** 1984; 197(3):437–46

A temperature-sensitive mutation constructed by 'linker insertion' mutagenesis. Colicelli J, et al. **MGG** 1985; 199(3):537–9

The giant (gt) mutants of Drosophila melanogaster alter DNA metabolism. Narachi MA, et al. **MGG** 1985; 199(3):500–6

DNA methylation and X-chromosome inactivation. Blasi F, et al. **Mol Biol Med** 1983 Sep;1(2):271–4

Crosslinking of chromosomal antigen common in human tumors to DNA by cis-diamminedichloroplatinum (II). Oliński R, et al. **Mol Biol Rep** 1985 Apr;10(3):183–6

DNA cleavage in chromatin spacer segments by a non-enzymic probe, 1,10-phenanthroline-copper complex. Skalka M, et al. **Mol Biol Rep** 1985 Apr;10(3):163–8

Interaction in vitro of the neurofilament triplet proteins from porcine spinal cord with natural RNA and DNA. Traub P, et al. **Mol Biol Rep** 1985 Apr;10(3):129–36

cDNA cloning and in vitro transcription of the complete brome mosaic virus genome. Ahlquist P, et al. **Mol Cell Biol** 1984 Dec;4(12):2876–82

Replication of cloned DNA containing the Alu family sequence during cell extract-promoting simian virus 40 DNA synthesis. Ariga H. **Mol Cell Biol** 1984 Aug; 4(8):1476–82

DNA methylation in 5-aza-2'-deoxycytidine-resistant variants of C3H 10T1/2 C18 cells. Flatau E, et al. **Mol Cell Biol** 1984 Oct;4(10):2098–102

DNA-mediated transformation in Dictyostelium discoideum: regulated expression of an actin gene fusion. Nellen W, et al. **Mol Cell Biol** 1984 Dec;4(12):2890–8

Loss of chloroplast DNA methylation during dedifferentiation of Chlamydomonas reinhardi gametes. Sano H, et al. **Mol Cell Biol** 1984 Oct;4(10):2103–8

Sequence-specific binding of simian virus 40 A protein to nonorigin and cellular DNA. Wright PJ, et al. **Mol Cell Biol** 1984 Dec;4(12):2631–8

Long term instability and molecular mechanism of 5-azacytidine-induced DNA hypomethylation in normal and neoplastic tissues in vivo. Lu LJ, et al. **Mol Pharmacol** 1984 Nov;26(3):594–603

Thiol-dependent DNA damage produced by anthracycline-iron complexes. The structure-activity relationships and molecular mechanisms. Muindi J, et al. **Mol Pharmacol** 1985 Mar;27(3):356–65

Mammalian cell DNA damage by some heterocyclic food mutagens is correlated with their potency in the Ames test. Dolara P, et al. **Mutat Res** 1985 Sep;144(1):57–8

Ethylation of nucleophilic sites in DNA by N-ethyl-N-nitrosourea depends on chromatin structure and ionic strength. Nehls P, et al. **Mutat Res** 1985 Jun-Jul; 150(1-2):13–21

The relationship between the levels of DNA-hydrocarbon adducts and the formation of sister-chromatid exchanges in Chinese hamster ovary cells treated with derivatives of polycyclic aromatic hydrocarbons. Pal K. **Mutat Res** 1984 Dec;129(3):365-72

Chemical basis of the photosensitizing activity of angelicins. Dall'Acqua F, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:55-60

Repair of furocoumarin adducts in mammalian cells. Zolan ME, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:137-42

High-affinity binding site for a specific nuclear protein in the human IgM gene. Hennighausen L, et al. **Nature** 1985 Mar 21-27;314(6008):289-92

Cellular immortalization by a cDNA clone encoding the transformation-associated phosphoprotein p53. Jenkins JR, et al. **Nature** 1984 Dec 13-19;312(5995):651-4

Identification of rat gamma atrial natriuretic polypeptide and characterization of the cDNA encoding its precursor. Kangawa K, et al. **Nature** 1984 Nov 8-14;312(5990):152-5

Molecular cloning and expression of cDNAs for the human interleukin-2 receptor. Leonard WJ, et al. **Nature** 1984 Oct 18-24;311(5987):626-31

Cloning and expression of murine interleukin-1 cDNA in Escherichia coli. Lomedico PT, et al. **Nature** 1984 Nov 29-Dec 5;312(5993):458-62

Molecular cloning of cDNA encoding human interleukin-2 receptor. Nikaido T, et al. **Nature** 1984 Oct 18-24;311(5987):631-5

Incorporation of [3H]thymidine into DNA and of [35S]sulfate into sulfatides of oligodendroglial cells during development: effect of malnutrition. Larocca JN, et al. **Neurochem Res** 1985 Jan;10(1):89-98

DNA methylation: sequences flanking C-G pairs modulate the specificity of the human DNA methylase. Bolden AH, et al. **Nucleic Acids Res** 1985 May 24;13(10):3479-94

Transposition of a long member of the L1 major interspersed DNA family into the mouse beta globin gene locus. Burton FH, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5071-84

Cloning of cDNA sequences for an Artemia salina hnRNP protein: evidence for conservation through evolution. Cruz-Alvarez M, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3917-30

Non-radioactive hybridization probes prepared by the chemical labelling of DNA and RNA with a novel reagent, photobiotin. Forster AC, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):745-61

Kinetic evidence that echinomycin migrates between potential DNA binding sites. Fox KR, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):595-603

Molecular cloning of mouse tumour necrosis factor cDNA and its eukaryotic expression. Fransen L, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4417-29

Investigation of DNA dynamics and drug-DNA interaction by steady state fluorescence anisotropy. Genest D, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2603-15

The characteristics of DNA methylation in an in vitro DNA synthesizing system from mouse fibroblasts. Grafstrom RH, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2827-42

DNA synthesis, methylation and degradation during conjugation in Tetrahymena thermophila. Harrison GS, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):73-87

Cloned DNA sequences that determine mRNA stability of bacteriophage phi X174 in vivo are functional. Hayashi MN, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5937-48

A comparative study of the interaction of 5,10,15,20-tetrakis (N-methylpyridinium-4-yl)porphyrin and its zinc complex with DNA using fluorescence spectroscopy and topoisomerisation. Kelly JM, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):167-84

'Interactive' recognition in EcoRI restriction enzyme-DNA complex. Kim R, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7285-92

Functional messenger RNAs are produced by SP6 in vitro transcription of cloned cDNAs. Krieg PA, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7057-70

Molecular cloning and the complete nucleotide sequence of the creatine kinase-M cDNA from chicken. Kwiatkowski RW, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):6925-34

Cloning of cDNA encoding a 100 kDa nucleolar protein (nucleoline) of Chinese hamster ovary cells. Lapeyre B, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5805-16

The nucleotide sequence of the RAD3 gene of Saccharomyces cerevisiae: a potential adenine nucleotide binding amino acid sequence and a nonessential acidic carboxyl terminal region. Reynolds P, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2357-72

Hexamine cobalt chloride promotes intermolecular ligation of blunt end DNA fragments by T4 DNA ligase. Rusche JR, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):1997-2008

Molecular cloning and the nucleotide sequence of cDNA to mRNA for non-neuronal enolase (alpha alpha enolase) of rat brain and liver. Sakimura K, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4365-78

The association of transcribed genes with the nuclear matrix of Drosophila cells during heat shock. Small D, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2413-31

Nucleotide sequence of a cloned cDNA for proopiomelanocortin precursor of chum salmon, Onchorynchus keta. Soma GI, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8029-41

Cloned DNA probes regionally mapped to human chromosome 21 and their use in determining the origin of nondisjunction. Stewart GD, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):4125-32

A complex of single-strand binding protein and M13 DNA as hybridization probe. Syvänen AC, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2789-802

A comparison of the structure of echinomycin and triostin A complexed to a DNA fragment. Ughetto G, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2305-23

BD-40, an ellipticine-related DNA intercalative agent induces DNA-protein bridges in vivo. Vilarem MJ, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8653-65

Infectivity and in vitro mutagenesis of monomeric cDNA clones of citrus exocortis viroid indicates the site of processing of viroid precursors. Visvader JE, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5843-56

Macromolecular crowding accelerates the cohesion of DNA fragments with complementary termini. Zimmerman SB, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2241-9

Effects of aphidicolin and alpha-amanitin on visualization of acridine orange binding to DNA in rat astrocytoma C6 cells. Hara H, et al. **Pathol Res Pract** 1985 Mar;179(4-5):499-503

Urocanic acid photobiology. Photochemical binding to calf thymus DNA. Morrison H, et al. **Photochem Photobiol** 1985 Mar;41(3):251-7

Induction of DNA-protein crosslinks in human cells by ultraviolet and visible radiations: action spectrum. Peak JG, et al. **Photochem Photobiol** 1985 Mar;41(3):295-302

Sequential changes in DNA methylation patterns of the rat phosphoenolpyruvate carboxykinase gene during development. Benvenisty N, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):267-71

Site-specific carcinogen binding to DNA. Boles TC, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5623-7

On the mechanism of renaturation of complementary DNA strands by the recA protein of Escherichia coli. Bryant FR, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):297-301

Circumsporozoite gene of plasmodium cynomolgi (Gombak):cDNA cloning and expression of the repetitive circumsporozoite epitope. Enea V, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7520-4

Cell-cycle-specific cDNAs from mammalian cells temperature sensitive for growth. Hirschhorn RR, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6004-8

A method for mapping intranuclear protein-DNA interactions and its application to a nuclease hypersensitive site. Jackson PD, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2296-300

Molecular cloning of the genome of a cardiotropic Coxsackie B3 virus: full-length reverse-transcribed recombinant cDNA generates infectious virus in mammalian cells. Kandolf R, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4818-22

Identification of the components necessary for adenovirus translational control and their utilization in cDNA expression vectors. Kaufman RJ. **Proc Natl Acad Sci USA** 1985 Feb;82(3):689-93

Isolation of the gene encoding the human T-lymphocyte differentiation antigen Leu-2 (T8) by gene transfer and cDNA subtraction. Kavathas P, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7688-92

Mutational studies with the trp repressor of Escherichia coli support the helix-turn-helix model of repressor recognition of operator DNA. Kelley RL, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):483-7

Preferential binding of benzo[a]pyrene diol epoxide to the linker DNA of human foreskin fibroblasts in S phase in the presence of benzamide. Kurian P, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2769-73

Cloning of terminal transferase cDNA by antibody screening. Landau NR, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5836-40

DNA methylation and regulation of the human beta-globin-like genes in mouse erythroleukemia cells containing human chromosome 11. Ley TJ, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6618-22

Cloning and sequencing of liver cDNA coding for bovine protein C. Long GL, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5653-6

Subcellular distribution of DNA-binding and non-DNA-binding 1,25-dihydroxyvitamin D receptors in chicken intestine. Nakada M, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6711-3

Cloning and characterization of cDNAs encoding 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible rabbit mRNAs for cytochrome P-450 isozymes 4 and 6. Okino ST, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5310-4

Intermediate filament cDNAs from BHK-21 cells: demonstration of distinct genes for desmin and vimentin in all vertebrate classes. Quax W, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5970-4

Synthesis and glycosylation of the common alpha subunit of human glycoprotein hormones in mouse cells. Ramabhadran TV, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6701-5

Cloning and characterization of cDNAs encoding human gastrin-releasing peptide. Spindel ER, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5699-703

Evidence for specific DNA sequences in the nuclear acceptor sites of the avian oviduct progesterone receptor. Toyoda H, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4722-6

Vasopressin mRNA in situ hybridization: localization and regulation studied with oligonucleotide cDNA probes in normal and Brattleboro rat hypothalamus. Uhl GR, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5555-9

Selective alkylation of carcinogenic 9-anthryloxirane at the N-3 position of adenine in DNA. Yang NC, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5250-4

A comparison of the DNA intercalative binding of bay versus K region metabolites of benzo[a]pyrene. Abramovich M, et al. **Prog Clin Biol Res** 1985;172A:217-25

Conformations of DNA adducts with polycyclic aromatic carcinogens. Broyde S, et al. **Prog Clin Biol Res** 1985;172A:153-71

Sequence specific and stereoselective covalent binding of trans-7,8-dihydroxy-anti-9,10-epoxy-7,8,9,10-tetrahydro to DNA. Chen FM. **Prog Clin Biol Res** 1985;172A:207-16

Cytotoxic base propenals and the action of bleomycin. Grollman AP, et al. **Prog Clin Biol Res** 1985;172B:235-42

A molecular model relating to carcinogenesis. Hopkins RC. **Prog Clin Biol Res** 1985;172A:299-308

A perspective on molecular mechanical and molecular dynamical studies involving DNA. Kollman P, et al. **Prog Clin Biol Res** 1985;172A:173-85

Stereoselectivity of benzo[a]pyrene diol epoxides by DNA for adduct formation with N2 on guanine. Miller KJ, et al. **Prog Clin Biol Res** 1985;172A:187-97

Electrostatics and specificity in nucleic acid reactions. Pullman B. **Prog Clin Biol Res** 1985;172A:55-69

Tumor promoters—an overview of membrane-associated alterations and intracellular events. Wenner CE, et al. **Prog Clin Biol Res** 1985;172A:513-23

Chemical neuro-oncogenesis: role of structural DNA modifications, DNA repair and neural target cell population. Kleihues P, et al. **Prog Exp Tumor Res** 1984;27:1-16 (52 ref.)

DNA binding, cardiac superoxide production and cytotoxicity of daunomycin analogs. Nachtman JP, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jan;47(1):73-83

DNA damage by benzo[a]pyrene in the liver of mosquito fish Gambusia affinis. Batel R, et al. **Sci Total Environ** 1985 Mar 1;41(3):275-83

Reaction of the antitumor antibiotic CC-1065 with DNA: structure of a DNA adduct with DNA sequence specificity. Hurley LH, et al. **Science** 1984 Nov 16;226(4676):843-4

Functional insertion of an Alu type 2 (B2 SINE) repetitive sequence in murine class I genes. Kress M, et al. **Science** 1984 Nov 23;226(4677):974-7

A crystalline view of protein-DNA binding [news] Marx JL. **Science** 1985 Aug 30;229(4716):846-8

The stability of DNA in human cerebellar neurons. Slatkin DN, et al. **Science** 1985 May 24;228(4702):1002-4

Banding of Allium chromosomes protected against DNase digestion by DNA-binding drugs. Loidl J. **Stain Technol** 1985 Jan;60(1):13-9

Nonlinear association between covalent binding of formaldehyde to DNA and administered formaldehyde concentration [letter] Cohn MS, et al. **Toxicol Appl Pharmacol** 1985 Feb;77(2):363-8

Interactions of S-(2-haloethyl)-mercapturic acid analogs with plasmid DNA. Vadi HV, et al. **Toxicol Appl Pharmacol** 1985 Sep 30;80(3):386-96

Lack of covalent binding of peroxisome proliferators nafenopin and Wy-14 643 to DNA in vivo and in vitro. Goel SK, et al. **Toxicol Lett** 1985 Jan;24(1):37-43

The water, DNA, collagen and noncollagen protein contents in embryos after maternal administration of a teratogenic dose of phenytoin. Hicks HE, et al. **Toxicol Lett** 1985 Apr;25(1):41-6

Preliminary studies on the differential removal of products formed in the DNA of various rat organs after chronic administration of a low dose of zinc. Cooper HK. **Toxicology** 1985 Mar 15;34(3):261-70

Reduction to benzidine is not necessary for the covalent binding of a benzidine azodye to rat liver DNA. Kennelly JC, et al. **Toxicology** 1984 Sep 28;32(4):315-24

DNA breaks induced by micromolar concentrations of dimethylnitrosamine in liver primary cell cultures from untreated and phenobarbital treated rats. Mendoza-Figueroa T, et al. **Toxicology** 1983 May;27(1):55-69

Is increase of fetal hemoglobin due to erythropoietic stress the result of DNA hypomethylation? DeSimone J, et al. **Trans Assoc Am Physicians** 1983;96:155-64

Flow cytometry of nuclear DNA content in liver cirrhosis and liver tumours in rats exposed to acetylaminofluorene. Digernes V, et al. **Virchows Arch [Cell Pathol]** 1984;47(2):139-46

Polyamines in clinical disorders. Tierney DF, et al. **West J Med** 1985 Jan;142(1):63-73

Epidermal benzo[a]pyrene metabolism and DNA-binding in Balb/C mice: inhibition by ellagic acid. Mukhtar H, et al. **Xenobiotica** 1984 Jul;14(7):527-31

[DNA methylation and control of gene expression] Fang FD. **Sheng Li Ko Hsueh Chin Chan** 1984 Apr;15(2):115-9 (Chi)

[BD-40, intercalating 9-azaellipticine derivative, induces breaks in cellular DNA associated with protein bridges] Vilarem MJ, et al. **C R Acad Sci [III]** 1984;299(4):69-72 (Eng. Abstr.) (Fre)

[Determination of aortic medial wall smooth muscle cell and nucleic DNA in stroke-prone hypertensive rats] Hasegawa M, et al. **Nippon Ronen Igakkai Zasshi** 1984 May;21(3):255-60 (Eng. Abstr.) (Jpn)

[Molecular mechanism of bleomycin action—metal chelation, oxygen activation, and selective DNA base cleavage]

Sugiura Y. **Seikagaku** 1984 Dec;56(12):1469–80 (70 ref.) **(Jpn)**

[Effect of tissue growth factors and various hormones on DNA synthesis and cyclic nucleotide content of splenic lymphoid cells cultivated in vitro] Stepień H. **Endokrynol Pol** 1984;35(6):387–93 (Eng. Abstr.) **(Pol)**

[Mechanism of daunorubicin interaction with DNA] Brikenshtein VKh, et al. **Antibiot Med Biotekhnol** 1985 Feb;30(2):90–6 (Eng. Abstr.) **(Rus)**

[Biophysical aspects of the effect of physical and chemical factors on living organisms. Protective properties of antioxidants] Emanuel' NM. **Biofizika** 1984 Jul–Aug;29(4):706–19 (43 ref.) (Eng. Abstr.) **(Rus)**

[Effect of the size of the ligand molecule on the stability of the DNA double helix] Lando DIu, et al. **Biofizika** 1984 Sep–Oct;29(5):757–9 (Eng. Abstr.) **(Rus)**

[Concentration of DNA divalent ions in transformed tissues during exposure to various factors] Tkeshelashvili LK, et al. **Biofizika** 1985 Mar–Apr;30(2):348–9 (Eng. Abstr.) **(Rus)**

[Role of supranucleosomal structures of chromatin in the uneven distribution of DNA-bound 7,12-dimethylbenz(a)anthracene metabolites formed in vivo or in the perfused rat liver] Chekulaev VA, et al. **Biokhimiia** 1984 Sep;49(9):1515–22 (Eng. Abstr.) **(Rus)**

[Changes in the state of hormone–receptor complexes which contain specific binding sites of rat liver chromatin particles as affected by cortisol] Kuz'menko AP. **Biokhimiia** 1984 Oct;49(10):1634–9 (Eng. Abstr.) **(Rus)**

[Inhibition of various stages of DNA replication in sea urchin embryos] Terent'ev LL, et al. **Biokhimiia** 1985 Jun;50(6):1024–9 (Eng. Abstr.) **(Rus)**

[Effect of adrenaline on nucleotide composition and the degree of DNA methylation in the canine myocardium] Kliasheva RI, et al. **Biol Nauki** 1984;(10):31–3 (Eng. Abstr.) **(Rus)**

[Analysis of the binding of proteins and antibiotics with DNA fragments] Nechipurenko IuD, et al. **Dokl Akad Nauk SSSR** 1985 Mar–Apr;281(1):213–6 **(Rus)**

[Specific chemical reaction of 5'-alkylating oligodesoxythymidylate derivative with DNA of human placental chromatin] Vlasov VV, et al. **Dokl Akad Nauk SSSR** 1985 May–Jun;282(1):196–9 **(Rus)**

[Concentration of nucleolar nucleic acids in the nucleus raphe dorsalis and CA3 hippocampus of the rat brain during deprivation of the paradoxical phase of sleep] Klenikova VA, et al. **Fiziol Zh SSSR** 1985 Jun;71(6):753–6 (Eng. Abstr.) **(Rus)**

[Stereochemistry and kinetics of interaction with DNA of the antineoplastic antibiotic olivomycin] Brikenshtein VKh, et al. **Mol Biol (Mosk)** 1984 Nov–Dec;18(6):1606–16 (Eng. Abstr.) **(Rus)**

[Binding of bis-(2-guanidoethyl)disulfide with DNA and polyriboadenylic acid in an aqueous solution. Study by ultrasonic velocimetry] Bukin VA, et al. **Mol Biol (Mosk)** 1984 Nov–Dec;18(6):1466–75 (Eng. Abstr.) **(Rus)**

[Characteristics of nuclear DNA of a Lepidoptera, the great wax moth Galleria mellonella, using reassociation kinetics] Cherepenko EI, et al. **Mol Biol (Mosk)** 1985 May–Jun;19(3):629–35 (Eng. Abstr.) **(Rus)**

[DNA-topoisomerases of animal cells] Kafiani KA, et al. **Mol Biol (Mosk)** 1985 Mar–Apr;19(2):438–49 (Eng. Abstr.) **(Rus)**

[DNA interaction with low molecular weight ligands of different structure. III. DNA complexes with distactins] Krivtsova MA, et al. **Mol Biol (Mosk)** 1984 Jul–Aug;18(4):950–6 (Eng. Abstr.) **(Rus)**

[Nuclease sensitivity and methylation of chromatin DNA of the rat liver in the initial period of glucocorticoid activity] Romanov GA, et al. **Probl Endokrinol (Mosk)** 1984 Nov–Dec;30(6):38–42 (Eng. Abstr.) **(Rus)**

[Degradation of DNA and chromatin in cells of mouse lymphoid organs after irradiation and PHA administration] Kuvshinov NN, et al. **Radiobiologiia** 1985 Mar–Apr;25(2):224–7 (Eng. Abstr.) **(Rus)**

[Nucleic acid metabolism in rat liver after single and prolonged exposure to tritium oxide] Shorokhova VB. **Radiobiologiia** 1984 Nov–Dec;24(6):831–4 (Eng. Abstr.) **(Rus)**

[DNA content of rat organs damaged by strontium-90 during the development of delayed effects] Soroka LP, et al. **Radiobiologiia** 1985 Jul–Aug;25(4):544–7 (Eng. Abstr.) **(Rus)**

[Study of DNA synthesis in short-term cultures of mammalian cells in the evaluation of the reaction of tumor and normal tissues to irradiation and hyperthermia] Synzynys BI, et al. **Radiobiologiia** 1985 Mar–Apr;25(2):179–84 (Eng. Abstr.) **(Rus)**

[Role of enzymatic DNA methylation in cell differentiation and carcinogenesis] Khodosova IA. **Tsitologiia** 1985 Mar;27(3):259–67 (232 ref.) (Eng. Abstr.) **(Rus)**

[DNA degradation in resting cultured Chinese hamster cells] Khokhlov AN, et al. **Tsitologiia** 1984 Aug;26(8):965–8 (Eng. Abstr.) **(Rus)**

[Changes in the structure of DNA induced by sarcolysine in vivo and in vitro] Babaian IuC, et al. **Vopr Med Khim** 1984 Sep–Oct;30(5):92–5 (Eng. Abstr.) **(Rus)**

[Molecular mechanisms of the interaction of catecholamine with elements of cellular genomes (review)] Bozhko GKh. **Vopr Med Khim** 1984 Jul–Aug;30(4):12–7 (53 ref.) **(Rus)**

[Chromatin activation as affected by lysosomal proteinases using fluorescent probes] Maianskaia NN, et al. **Vopr Med Khim** 1984;30(6):53–6 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

DNA transformation of a pluripotent mouse embryonal stem cell line with a dominant selective marker. Wobus AM, et al. **Cell Differ** 1984 Dec;15(2–4):93–7

Double-stranded DNA induces the phosphorylation of several proteins including the 90 000 mol. wt. heat-shock protein in animal cell extracts. Walker AI, et al. **EMBO J** 1985 Jan;4(1):139–45

Activation of phenoxazinone synthase expression in Streptomyces lividans by cloned DNA sequences from Streptomyces antibioticus. Jones GH, et al. **J Biol Chem** 1984 Nov 25;259(22):14158–64

The effect of short-term temperature changes on the adhesivity of nerve cells. Participation of DNA molecules on non-specific cellular adhesion. Lodin Z, et al. **Physiol Bohemoslov** 1985;34(1):25–32

[Optical properties of DNA complexes with antitumor compounds of bivalent platinum] Akimenko NM, et al. **Antibiotiki** 1984 Oct;29(10):743–8 (Eng. Abstr.) **(Rus)**

[DNA-cholesterol complex studied by fluorescent probes] Shengeliia MG, et al. **Biol Nauki** 1984;(11):34–6 (Eng. Abstr.) **(Rus)**

[Effect of the supranucleosomal chromatin organization on histone-DNA interrelations] Paponov VD, et al. **Biull Eksp Biol Med** 1985 May;99(5):590–2 (Eng. Abstr.) **(Rus)**

[Liquid-crystal state of complexes of DNA with biologically active compounds] Evdokimov IuM, et al. **Dokl Akad Nauk SSSR** 1985;280(6):1456–9 **(Rus)**

[Interaction of different N-nitroso compounds with DNA in vitro] Iamshanov VA. **Eksp Onkol** 1985;7(1):22–4 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Stimulation of DNA-mediated transformation by UV irradiation of recipient (mouse FM3A) cells. Nagata Y, et al. **J Cell Physiol** 1984 Dec;121(3):453–7

Role of DNA in brain activity. Molecular engineering on the brain. International symposium. Ravello, Italy, May 27–29, 1985. Abstracts. **J Neurogenet** 1985 Apr;2(2):131–77

RADIATION EFFECTS

Effects of nucleotide pool imbalances on the excision repair of ultraviolet-induced damage in the DNA of human diploid fibroblasts. Snyder RD. **Basic Life Sci** 1985;31:163–73

A possible correlation between the growth rate and the extent of DNA damage induced by radiodecay in mouse lymphoma cells. Ribeiro PL, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):204–10

Formation of radiation-induced cross-links between thymine and tyrosine: possible model for cross-linking of DNA and proteins by ionizing radiation. Simic MG, et al. **Biochemistry** 1985 Jan 1;24(1):233–6

Normal rate of DNA breakage in xeroderma pigmentosum complementation group E cells treated with 8-methoxypsoralen plus near-ultraviolet radiation. Bredberg A, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):268–71

Evidence that novobiocin and nalidixic acid do not inhibit excision repair in u.v.-irradiated human skin fibroblasts at a pre-incision step. Keyse SM, et al. **Carcinogenesis** 1985 Aug;6(8):1231–3

Interaction of the photosensitization products of oestrone with DNA: comparison with the horseradish peroxidase catalyzed reaction. Sedee AG, et al. **Chem Biol Interact** 1984 Oct;51(3):357–63

Persistence of DNA lesions and the cytological cancellation of sister chromatid exchanges. Schvartzman JB, et al. **Chromosoma** 1985;92(1):7–10

Excited-state controlled peroxide formation of DNA. Parlar H. **Ecotoxicol Environ Safety** 1985 Aug;10(1):120–7

Specific formation of electron gain and loss centres in X-irradiated oriented fibres of DNA at low temperatures. Hüttermann J, et al. **Faraday Discuss Chem Soc** 1984;(78):135–49

Formation of 8-hydroxyguanine residues in DNA by X-irradiation. Kasai H, et al. **Gann** 1984 Dec;75(12):1037–9

Variant of ataxia-telangiectasia with low-level radiosensitivity. Fiorilli M, et al. **Hum Genet** 1985;70(3):274–7

Effect of caffeine on gamma-ray-induced G2 delay in ataxia telangiectasia. Bates PR, et al. **Int J Radiat Biol** 1985 Jun;47(6):713–22

Abnormal distribution of double strand breaks in DNA after direct action of ionizing energy. Baverstock KF. **Int J Radiat Biol** 1985 Apr;47(4):369–74

Involvement of poly (ADP-ribose) in the radiation response of mammalian cells. Ben-Hur E. **Int J Radiat Biol** 1984 Dec;46(6):659–71 (79 ref.)

Radiation-induced decomposition of the purine bases within DNA and related model compounds. Cadet J, et al. **Int J Radiat Biol** 1985 Feb;47(2):127–43 (85 ref.)

Differential processing of ultraviolet or ionizing radiation-induced DNA-protein cross-links in Chinese hamster cells. Chiu SM, et al. **Int J Radiat Biol** 1984 Dec;46(6):681–90

Biological consequences of photoproducts in mammalian cell DNA partially substituted with 5-bromouracil. Clarkson JM, et al. **Int J Radiat Biol** 1984 Oct;46(4):409–16

The effect of X-rays and ultraviolet light on DNA-mediated gene transfer in mammalian cells. Debenham PG, et al. **Int J Radiat Biol** 1984 Nov;46(5):555–68

Glutathione requirement for the rejoining of radiation-induced DNA breaks in misonidazole-treated cells. Edgren M, et al. **Int J Radiat Biol** 1985 Aug;48(2):207–12

Radiosensitivity of peripheral blood lymphocytes in autoimmune disease. Harris G, et al. **Int J Radiat Biol** 1985 Jun;47(6):689–99

Role of chromatin structure in the repair of DNA photoproducts in mammalian cells. Nairn RS, et al. **Int J Radiat Biol** 1985 Feb;47(2):181–9

The level of induced DNA double-strand breakage correlates with cell killing after X-irradiation. Radford IR. **Int J Radiat Biol** 1985 Jul;48(1):45–54

Repair of DNA double-strand breaks in colcemid-arrested mitotic Chinese hamster cells. Rydberg B. **Int J Radiat Biol** 1984 Sep;46(3):299–304

Detection of DNA strand breaks in single cells using flow cytometry. Rydberg B. **Int J Radiat Biol** 1984 Nov;46(5):521–7

DNA strand breaks induced by low-energy heavy ions. Rydberg B. **Int J Radiat Biol** 1985 Jan;47(1):57–61

Chromatographic studies on the radiolysis of DNA in aqueous solution. Schuessler H, et al. **Int J Radiat Biol** 1985 May;47(5):509–21

Model studies for the direct effect of high-energy irradiation on DNA. Mechanism of strand break formation induced by laser photoionization of poly U in aqueous solution. Schulte-Frohlinde D, et al. **Int J Radiat Biol** 1985 Sep;48(3):397–408

Interaction of phospholipid liposomes with a DNA model compound in irradiated systems. Tait D, et al. **Int J Radiat Biol** 1985 May;47(5):497–508

Age associated alteration in DNA damage and repair capacity in Turbatrix aceti exposed to ionizing radiation. Targovnik HS, et al. **Int J Radiat Biol** 1985 Mar;47(3):255–60

Carbohydrate radicals: from ethylene glycol to DNA strand breakage. von Sonntag C. **Int J Radiat Biol** 1984 Nov;46(5):507–19 (75 ref.)

The distribution of DNA excision-repair sites in human diploid fibroblasts following ultraviolet irradiation. Cohn SM, et al. **J Biol Chem** 1984 Oct 25;259(20):12463–9

Xeroderma pigmentosum patients from the Federal Republic of Germany: decrease in post-UV colony-forming ability in 30 xeroderma pigmentosum fibroblast strains is quantitatively correlated with a decrease in DNA-incising capacity. Thielmann HW, et al. **J Cancer Res Clin Oncol** 1985;109(3):227–40

Lesions induced in DNA by ultraviolet light are repaired at the nuclear cage. McCready SJ, et al. **J Cell Sci** 1984 Aug;70:189–96

DNA of Chinese hamster V79 cells newly synthesized after ultraviolet irradiation contains alkali-labile sites. Piršel M, et al. **MGG** 1984;198(1):183–4

Enzymatic excision of DNA bases damaged by exposure to ionizing radiation or oxidizing agents. Breimer LH, et al. **Mutat Res** 1985 Jun–Jul;150(1–2):85–9

Microinjection of Micrococcus luteus UV-endonuclease restores UV-induced unscheduled DNA synthesis in cells of 9 xeroderma pigmentosum complementation groups. de Jonge AJ, et al. **Mutat Res** 1985 Jun–Jul;150(1–2):99–105

DNA repair in mouse embryo fibroblasts. II. Responses of nontransformed, preneoplastic and tumorigenic cells to ultraviolet irradiation. Elliott GC, et al. **Mutat Res** 1985 May;145(3):185–94

Comparative studies on photoreactivation of ultraviolet light-induced T4 endonuclease susceptible sites and sister-chromatid exchanges in Potorous cells. Ishizaki K, et al. **Mutat Res** 1985 Jun–Jul;150(1–2):91–7

Sensitivity of carcinogen-treated DNA to inactivation by ultraviolet radiation. Larcom LL, et al. **Mutat Res** 1985 Jan–Mar;145(1–2):17–23

Characterization of DNA repair in a mutant cell line derived from ICR 2A frog cells that is hypersensitive to non-dimer DNA damages induced by solar ultraviolet radiation. Rosenstein BS, et al. **Mutat Res** 1985 Sep;146(2):191–6

Investigation of the cytotoxic effects of DNA damaging agents on neurofibromatosis cells. Schwenn MR, et al. **Mutat Res** 1985 Jan–Feb;142(1–2):55–8

Chromosome damage induced by decay of 3H and 125I incorporated into DNA of Chinese hamster cells. Sundell-Bergman S, et al. **Mutat Res** 1985 Apr;149(2):257–63

Double-strand break repair and G2 block in Chinese hamster ovary cells and their radiosensitive mutants. Weibezahn KF, et al. **Mutat Res** 1985 May;145(3):177–83

Rapid rejoining of X-ray-induced DNA single-strand breaks in tuberous sclerosis fibroblasts. Yoshida Y, et al. **Mutat Res** 1985 Sep;146(2):211–8

3-Aminobenzamide sensitizes cultured Chinese hamster cells with bromodeoxyuridine-substituted DNA to genetic damage induced by long-wave UV. Zwanenburg TS, et al. **Mutat Res** 1985 Sep;144(1):41–9

Cell sensitivity to irradiation and DNA repair processes. II.

The cell sensitivity to ionizing radiation of different LETs. Kozubek S, et al. **Neoplasma** 1984;31(6):685–95

Cell sensitivity to irradiation and DNA repair processes. I. DNA damage and its repair in Escherichia coli. Kozubek S, et al. **Neoplasma** 1984;31(6):675–83

The photoreactivity of T–A sequences in oligodeoxyribonucleotides and DNA. Bose SN, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7903–14

Structural determination of the ultraviolet light–induced thymine–cytosine pyrimidine–pyrimidone (6–4) photoproduct. Franklin WA, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5317–25

The rate of removal of sunlight–induced pyrimidine dimers from the DNA of cultured human diploid fibroblasts. Kantor GJ, et al. **Photochem Photobiol** 1984 Jul; 40(1):137–40

Use of synthetic polynucleotides to characterise an antiserum made against UV–irradiated DNA. Mitchell DL, et al. **Photochem Photobiol** 1984 Dec;40(6):743–8

Antibodies to UV irradiated DNA: the monitoring of DNA damage by ELISA and indirect immunofluorescence. Wani AA, et al. **Photochem Photobiol** 1984 Oct;40(4):465–71

Effect of ultraviolet radiation on the DNA synthesis of guinea pig thymocytes cultured in vitro. Nordlind K, et al. **Photodermatol** 1985 Apr;2(2):117–9

Perturbation of maintenance and de novo DNA methylation in vitro by UVB (280–340 nm)–induced pyrimidine photodimers. Becker FF, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6055–9

A sensitive SV40 viral probe assay for DNA strand breaks and their biological repair in higher cells: techniques and preliminary results. Krisch RE, et al. **Radiat Res** 1985 Feb; 101(2):356–72

Chemical and biological consequences of the radioactive decay of iodine–125 in plasmid DNA. Linz U, et al. **Radiat Res** 1985 Feb;101(2):262–78

Reduced repair of X–ray–induced DNA lesions in cells without functioning DNA polymerase alpha. Lönn U, et al. **Radiat Res** 1985 Apr;102(1):71–5

Poly(ADP–ribose) and the response of cells to ionizing radiation. Oleinick NL, et al. **Radiat Res** 1985 Jan; 101(1):29–46 (82 ref.)

Analysis of the excision repair of nondimer DNA damage induced by solar ultraviolet radiation in ICR 2A frog cells. Rosenstein BS, et al. **Radiat Res** 1985 Aug;103(2):286–92

Inhibition of semiconservative DNA synthesis in ICR 2A frog cells by pyrimidine dimers and nondimer photoproducts induced by ultraviolet radiation. Rosenstein BS. **Radiat Res** 1984 Nov;100(2):378–86

Cellular and molecular repair of X–ray–induced damage: dependence on oxygen tension and nutritional status. Spiro IJ, et al. **Radiat Res** 1985 Jan;101(1):144–55

Molecular models for DNA damaged by photoreaction. Pearlman DA, et al. **Science** 1985 Mar 15;227(4692):1304–8

Cell cycle–dependent repair of double–strand DNA breaks in a gamma–ray–sensitive Chinese hamster cell. Giaccia A, et al. **Somatic Cell Mol Genet** 1985 Sep;11(5):485–91

Comparison of the DNA–damaging property of photosensitised riboflavin via singlet oxygen (1O2) and superoxide radical O2–. mechanisms. Joshi PC. **Toxicol Lett** 1985 Aug;26(2–3):211–7

[Effect of diethyllipoamide on DNA damage and repair of gamma–irradiated mouse bone marrow cells] Xia SX, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):261–4 (Eng. Abstr.) **(Chi)**

[Effect of diethyllipoamide on DNA damage and repair of gamma–irradiated mouse bone marrow cells] Xia SX, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):261–4 (Eng. Abstr.) **(Chi)**

[Increased effect of hypoxic cell radiation sensitizers in combination with BSO, a substance depleting the intracellular radioprotective thiols] Nishidai T, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Apr 20;19(3):561–5 (Eng. Abstr.) **(Jpn)**

[Is the coherence of low–intensity laser light essential for its effect on biological objects?] Lobko VV, et al. **Biofizika** 1985 Mar–Apr;30(2):366–71 (Eng. Abstr.) **(Rus)**

[Mechanism of the clinical effects of UV–irradiated blood: the stimulation of DNA synthetic activity of human cells in culture] Belisheva NK, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):675–8 (Eng. Abstr.) **(Rus)**

[Comparative study of the accumulation of free radicals and DNA breaks during the gamma irradiation of DNA solutions and cells] Zhizhina GP, et al. **Dokl Akad Nauk SSSR** 1985;281(6):1466–70 **(Rus)**

[DNA damage and repair in Chinese hamster fibroblasts exposed to gamma and secondary radiation generated by 70 GeV protons] Akhmadieva AKh, et al. **Radiobiologiia** 1985 May–Jun;25(3):378–80 (Eng. Abstr.) **(Rus)**

[Mechanism of the radioprotective effect of cysteamine] Gil'iano NIa, et al. **Radiobiologiia** 1985 Mar–Apr; 25(2):238–41 (Eng. Abstr.) **(Rus)**

[Long–term DNA damage and mammalian cell survival] Gotlib VIa, et al. **Radiobiologiia** 1985 Jul–Aug;25(4):435–43 (Eng. Abstr.) **(Rus)**

[Internucleosomal fragmentation of nuclear DNA in the mucosa of the small intestine and in bone marrow cells of irradiated rats] Korol' BA, et al. **Radiobiologiia** 1984 Sep–Oct;24(5):646–9 (Eng. Abstr.) **(Rus)**

[Modeling radiation damage to DNA using radionuclides incorporated into polynucleotides] Korolev VG. **Radiobiologiia** 1984 Nov–Dec;24(6):728–38 (Eng. Abstr.) **(Rus)**

[Effect of gamma–irradiation and neutrons on DNA–membrane complexes in mammalian cells] Lapidus IL, et al. **Radiobiologiia** 1985 Mar–Apr;25(2):249–52 (Eng. Abstr.) **(Rus)**

[Mechanisms of radiation impairment of DNA biosynthesis. Separation, partial purification, characteristics of and changes in DNA polymerase alpha and beta activities of rat bone marrow at early stages after gamma irradiation and comparison with the status of repair and replication biosynthesis of DNA] Mazurik VK, et al. **Radiobiologiia** 1985 Jul–Aug;25(4):444–8 (Eng. Abstr.) **(Rus)**

[Postradiation inhibition of poly ADP ribose polymerase is not determined by internucleosomal fragmentation of DNA] Nelipovich PA, et al. **Radiobiologiia** 1985 Jan–Feb; 25(1):7–11 (Eng. Abstr.) **(Rus)**

[Viscosimetric analysis of the dynamics of alkaline lysis of mammalian cell nuclei as a method of studying radiation damage to DNA structures] Rusinova GG. **Radiobiologiia** 1984 Nov–Dec;24(6):798–801 (Eng. Abstr.) **(Rus)**

[Formal kinetic treatment of the possible role of proteins in DNA radiation tolerance, protection and sensitization] Sapezhinskii II. **Radiobiologiia** 1985 Jul–Aug;25(4):449–56 (Eng. Abstr.) **(Rus)**

[Repaired and unrepaired DNA damage induced by x–irradiation of nonproliferating rat hepatocytes] Smirnova IS, et al. **Radiobiologiia** 1984 Sep–Oct;24(5):620–3 (Eng. Abstr.) **(Rus)**

[Distribution of DNA radiation damage throughout the cells and its comparison with cytogenetic injury] Zaichkina SI, et al. **Radiobiologiia** 1985 May–Jun;25(3):367–9 (Eng. Abstr.) **(Rus)**

[Radioresistant DNA synthesis in the fibroblasts of a Down's syndrome patient] Barenfel'd LS, et al. **Tsitologiia** 1985 May;27(5):582–6 (Eng. Abstr.) **(Rus)**

[Residual DNA damages in irradiated HeLa cells] Gotlib VIa, et al. **Tsitologiia** 1985 May;27(5):607–10 (Eng. Abstr.) **(Rus)**

[Occurrence and elimination of single– and double–stranded DNA breaks in the fibroblasts of xeroderma pigmentosum patients exposed to gamma radiation] Mikhel'son VM, et al. **Tsitologiia** 1985 May;27(5):592–8 (Eng. Abstr.) **(Rus)**

[DNA replication in mammalian cells exposed to physical, chemical or biological factors. II. DNA–complex and nucleoid recovery and DNA replication after gamma irradiation] Synzynys BI, et al. **Tsitologiia** 1984 Nov; 26(11):1323–6 (Eng. Abstr.) **(Rus)**

DNA, BACTERIAL

Spectrofluorometric determination of bacterial DNA base composition. Lutz LH, et al. **Anal Biochem** 1985 Jan; 144(1):1–5

Streptococcus–Escherichia coli shuttle vector pSA3 and its use in the cloning of streptococcal genes. Dao ML, et al. **Appl Environ Microbiol** 1985 Jan;49(1):115–9

Application of DNA–DNA colony hybridization to the detection of catabolic genotypes in environmental samples. Sayler GS, et al. **Appl Environ Microbiol** 1985 May; 49(5):1295–303

Construction of a gene bank of Rhodopseudomonas capsulata using a broad host range DNA cloning system. Klug G, et al. **Arch Microbiol** 1984 Nov;139(4):319–25

Nucleotide sequence of the Rhodospirillum rubrum atp operon. Falk G, et al. **Biochem J** 1985 Jun 1;228(2):391–407

Fluorescence–detected circular dichroism of ethidium in vivo and bound to deoxyribonucleic acid in vitro. Lamos ML, et al. **Biochemistry** 1985 Jun 4;24(12):2819–22

Circular dichroism and thermal melting of two small DNA restriction fragments of the same molecular weight. Stellwagen NC. **Biochemistry** 1984 Dec 18;23(26):6311–9

The unc operon. Nucleotide sequence, regulation and structure of ATP–synthase. Walker JE, et al. **Biochim Biophys Acta** 1984 Sep 6;768(2):164–200 (130 ref.)

Conformation of LiDNA in solutions of LiCl. Borochov N, et al. **Biopolymers** 1984 Sep;23(9):1757–69

Oxygen toxicity in Treponema pallidum: deoxyribonucleic acid single–stranded breakage induced by low doses of hydrogen peroxide. Steiner BM, et al. **Can J Microbiol** 1984 Dec;30(12):1467–76

Antigenic variation is associated with DNA rearrangements in a relapsing fever Borrelia. Meier JT, et al. **Cell** 1985 Jun;41(2):403–9

Repair of DNA base–pair mismatches in extracts of Escherichia coli. Lu AL, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:589–96

Fluorescence studies of Hoechst 33342 with supercoiled and relaxed plasmid pBR322 DNA. Sandhu LC, et al. **Cytometry** 1985 May;6(3):191–4

Support of the single species concept for Streptococcus milleri by DNA hybridization data [letter] Yajko DM, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):355–6

Production of single– and double–strand breaks in plasmid DNA by ozone. Hamelin C. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):253–7

Genetic analysis of integration mediated by single T–DNA borders. Caplan AB, et al. **J Bacteriol** 1985 Feb; 161(2):655–64

A 2.2–kilobase repeated DNA segment is associated with DNA amplification in Streptomyces fradiae. Fishman SE, et al. **J Bacteriol** 1985 Jan;161(1):199–206

Involvement of DNA superhelicity in minichromosome maintenance in Escherichia coli. Leonard AC, et al. **J Bacteriol** 1985 Feb;161(2):687–95

Phosphate–specific transport system of Escherichia coli: nucleotide sequence and gene–polypeptide relationsh Surin BP, et al. **J Bacteriol** 1985 Jan;161(1):189–98

X–ray diffraction studies on the complex of E. coli DNA with synthetic thermospermine. Takeda Y. **J Biochem (Tokyo)** 1985 Jun;97(6):1827–30

Genetic relationship of lyme disease spirochetes to Borrelia, Treponema, and Leptospira spp. Hyde FW, et al. **J Clin Microbiol** 1984 Aug;20(2):151–4

DNA characterization of the spirochete that causes Lyme disease. Schmid GP, et al. **J Clin Microbiol** 1984 Aug; 20(2):155–8

Electrophoretic analysis of proteins from Mycoplasma capricolum and related serotypes using extracts from intact cells and from minicells containing cloned mycoplasma DNA. Andersen H, et al. **J Gen Microbiol** 1984 Jun;130 (Pt 6):1409–18

Nucleotide sequence and complementation analysis of a polycistronic sporulation operon, spoVA, in Bacillus subtilis. Fort P, et al. **J Gen Microbiol** 1985 May;131 (Pt 5):1091–105

The ftsA gene product: a possible connection between DNA replication and septation in Escherichia coli. Tormo A, et al. **J Gen Microbiol** 1985 Feb;131 (Pt 2):239–44

Visualization of cAMP receptor protein–induced DNA kinking by electron microscopy. Gronenborn AM, et al. **J Mol Biol** 1984 Nov 15;179(4):751–7

Thermodynamics of the ColE1 cruciform. Comparisons between probing and topological experiments using single topoisomers. Lilley DM, et al. **J Mol Biol** 1984 Nov 25; 180(1):179–200

Impediment to replication fork movement in the terminus region of the Bacillus subtilis chromosome. Weiss AS, et al. **J Mol Biol** 1984 Nov 15;179(4):745–50

Initiation of DNA replication in bacteria: analysis of an autorepressor control model. Margalit H, et al. **J Theor Biol** 1984 Nov 7;111(1):183–99

A model of bacterial DNA segregation based upon helical geometry. Mendelson NH. **J Theor Biol** 1985 Jan 7; 112(1):25–39

Large helical conformational deviations from ideal B–DNA and prokaryotic regulatory sites. Nussinov R. **J Theor Biol** 1985 Jul 21;115(2):179–89

Efficient octopine Ti plasmid–derived vectors for Agrobacterium–mediated gene transfer to plants. Deblaere R, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4777–88

DNA structural variations produced by actinomycin and distamycin as revealed by DNAase I footprinting. Fox KR, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9271–85

DNA repair in the in vivo site specific excision of palindromic sequences. Shafferman A, et al. **Prog Clin Biol Res** 1985;172A:19–36

Carcinogen–induced insertion mutations in E. coli. Takeshita M, et al. **Prog Clin Biol Res** 1985;172A:389–99

Detection of tumor–inducing plasmid DNA sequence in Agrobacterium tumefaciens by DNA–DNA hybridization. Furukawa K, et al. **Radioisotopes** 1984 Aug;33(8):543–6

ANALYSIS

Genomic fingerprinting in the epidemiology of gonorrhoea. Falk ES, et al. **Acta Derm Venereol (Stockh)** 1985; 65(3):235–9

DNA from Mycobacterium leprae. David HL, et al. **Acta Leprol (Geneve)** 1984 Oct–Dec;(95):129–36

Determination and re–examination of genome sizes and base ratios on deoxyribonucleic acid from mycobacteria. Baess I. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Aug; 92(4):209–11

Restriction endonuclease fingerprinting of chromosomal DNA of Neisseria gonorrhoeae. Falk ES, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Oct; 92(5):271–8

One–step fluorometric microassay of DNA in procaryotes. Legros M, et al. **Anal Biochem** 1985 Jun;147(2):497–502

A gene probe for TEM type beta–lactamases. Cooksey RC, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):154–6

Quantitative measurement of single– and double–strand breakage of DNA in Escherichia coli by the antitumor antibiotics bleomycin and talisomycin. Mirabelli CK, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):460–7

Tetracycline–resistant Mycoplasma hominis strains contain streptococcal tetM sequences. Roberts MC, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):141–3

Preparation of a DNA gene probe for detection of mercury resistance genes in gram–negative bacterial communities. Barkay T, et al. **Appl Environ Microbiol** 1985 Mar; 49(3):686–92

Identification of Campylobacter coli isolates from animals and humans by bacterial restriction endonuclease DNA analysis. Kakoyiannis CK, et al. **Appl Environ Microbiol** 1984 Sep;48(3):545–9

Fluorometric determination of the DNA concentration in municipal drinking water. McCoy WF, et al. **Appl Environ Microbiol** 1985 Apr;49(4):811–7

Deoxyribonucleic acid homologies among 96 strains of ammonia–oxidizing bacteria. Koops HP, et al. **Arch Microbiol** 1985 Apr;141(3):214–8

Plasmids in methanotrophic bacteria: isolation, characterization and DNA hybridization analysis. Lidstrom ME, et al. **Arch Microbiol** 1984 Nov;140(1):27–33

Catabolic alanine racemase from Salmonella typhimurium: DNA sequence, enzyme purification, and characterization. Wasserman SA, et al. **Biochemistry** 1984 Oct 23; 23(22):5182–7

Search for promoter sites of prokaryotic DNA using learning techniques. Sallantin J, et al. **Biochimie** 1985 May; 67(5):549–53

Consensus symmetry pattern in E. coli promoter sequences. Pivec L, et al. **Folia Biol (Praha)** 1985;31(3):213–34

Electron microscopy can be used to measure DNA supertwisting. Sperrazza JM, et al. **Gene** 1984 Nov; 31(1–3):17–22

Nucleotide sequence comparison between heat-labile toxin B-subunit cistrons from Escherichia coli of human and porcine origin. Leong J, et al. **Infect Immun** 1985 Apr; 48(1):73–7

Detection of the thermostable direct hemolysin gene and related DNA sequences in Vibrio parahaemolyticus and other vibrio species by the DNA colony hybridization test. Nishibuchi M, et al. **Infect Immun** 1985 Sep;49(3):481–6

Correlation of plasmid type and disease caused by Coxiella burnetii. Samuel JE, et al. **Infect Immun** 1985 Sep; 49(3):775–9

Selective detection of Mycoplasma hyorhinis using cloned genomic DNA fragments. Taylor MA, et al. **Infect Immun** 1985 Mar;47(3):827–30

Genomic analysis of avian and feline ureaplasmas by restriction endonucleases. Harasawa R, et al. **Isr J Med Sci** 1984 Oct;20(10):942–5

Bilirubin incorporation into spiroplasma membranes and methylation of spiroplasmal DNA. Nur I, et al. **Isr J Med Sci** 1984 Oct;20(10):1019–21

Presence of two unique genes encoding macrolide-lincosamide-streptogramin resistance in members of the Bacteroides fragilis group as determined by DNA-DNA homology. Callihan DR, et al. **J Antimicrob Chemother** 1984 Oct;14(4):329–38

Promoter mapping and transcriptional regulation of the iron assimilation system of plasmid ColV-K30 in Escherichia coli K-12. Bindereif A, et al. **J Bacteriol** 1985 Jun; 162(3):1039–46

Molecular cloning of nif DNA from Azotobacter vinelandii. Bishop PE, et al. **J Bacteriol** 1985 Apr;162(1):21–8

Regulatory region of the heat shock-inducible capR (lon) gene: DNA and protein sequences. Gayda RC, et al. **J Bacteriol** 1985 Apr;162(1):271–5

Shape and fine structure of nucleoids observed on sections of ultrarapidly frozen and cryosubstituted bacteria. Hobot JA, et al. **J Bacteriol** 1985 Jun;162(3):960–71

Escherichia coli DNA distributions measured by flow cytometry and compared with theoretical computer simulations. Skarstad K, et al. **J Bacteriol** 1985 Aug; 163(2):661–8

Uniformly spaced banding pattern in DNA sequencing gels by use of field-strength gradient. Olsson A, et al. **J Biochem Biophys Methods** 1984 Nov;10(1–2):83–90

Spacing of the -10 and -35 regions in the tac promoter. Effect on its in vivo activity. Brosius J, et al. **J Biol Chem** 1985 Mar 25;260(6):3539–41

Nucleotide sequence and gene organization of ColE1 DNA. Chan PT, et al. **J Biol Chem** 1985 Jul 25;260(15):8925–35

DNA sequence analysis of the dye gene of Escherichia coli reveals amino acid homology between the dye and OmpR proteins. Drury LS, et al. **J Biol Chem** 1985 Apr 10; 260(7):4236–42

Bacillus subtilis dnaE encodes a protein homologous to DNA primase of Escherichia coli. Wang LF, et al. **J Biol Chem** 1985 Mar 25;260(6):3368–72

DNA hybridization technique to detect Shigella species and enteroinvasive escherichia coli. Boileau CR, et al. **J Clin Microbiol** 1984 Nov;20(5):959–61

DNA restriction endonuclease analysis of Mycobacterium bovis and other members of the tuberculosis complex. Collins DM, et al. **J Clin Microbiol** 1985 Apr;21(4):562–4

DNA probe specific for Legionella pneumophila. Grimont PA, et al. **J Clin Microbiol** 1985 Mar;21(3):431–7

Plasmid DNA relatedness among different serogroups of Yersinia pseudotuberculosis. Ishiguro N, et al. **J Clin Microbiol** 1985 Apr;21(4):662–5

Restriction endonuclease DNA analysis of Leptospira interrogans serovars icterohaemorrhagiae and hebdomadis. Marshall RB, et al. **J Clin Microbiol** 1984 Oct;20(4):808–10

DNA relatedness and biochemical features of Campylobacter spp. isolated in central and South Australia. Steele TW, et al. **J Clin Microbiol** 1985 Jul;22(1):71–4

New method for classification of leptospiral isolates belonging to serogroup pomona by restriction endonuclease analysis: serovar kennewicki. Thiermann AB, et al. **J Clin Microbiol** 1985 Apr;21(4):585–7

Differentiation of Neisseria gonorrhoeae from other Neisseria species by use of the restriction endonuclease HaeIII. Torres AR, et al. **J Clin Microbiol** 1984 Oct;20(4):687–90

Molecular epidemiology of Legionella pneumophila serogroup 1. van Ketel RJ, et al. **J Clin Microbiol** 1984 Sep;20(3):362–4

Detection of Chlamydia trachomatis in clinical specimens by nucleic acid spot hybridization. Hyypiä T, et al. **J Gen Microbiol** 1985 Apr;131 (Pt 4):975–8

Analysis and detection of chlamydial DNA. Hyypiä T, et al. **J Gen Microbiol** 1984 Dec;130 (Pt 12):3159–64

The loss of a large DNA fragment is associated with an aerial mycelium negative (Amy-) phenotype of Streptomyces cattleya. Usdin K, et al. **J Gen Microbiol** 1985 Apr;131 (Pt 4):979–81

A study of enterotoxigenic Escherichia coli, serogroup 0126, by bacterial restriction endonuclease DNA analysis (BRENDA). Marshall RB, et al. **J Hyg (Lond)** 1985 Jun; 94(3):263–8

Isolates of Neisseria meningitidis from different sites in the same patient: phenotypic and genomic studies, with special reference to adherence, piliation, and DNA restriction endonuclease pattern. Kristiansen BE, et al. **J Infect Dis** 1984 Sep;150(3):389–96

Differentiation of B15 strains of Neisseria meningitidis by DNA restriction endonuclease fingerprinting. Kristiansen BE, et al. **J Infect Dis** 1984 Nov;150(5):672–7

Comparison of gram stain, DNA probe, and culture for the identification of species of Mobiluncus in female genital specimens. Roberts MC, et al. **J Infect Dis** 1985 Jul; 152(1):74–7

Genome organization in Halobacterium halobium: a 70 kb island of more (AT) rich DNA in the chromosome. Pfeifer F, et al. **MGG** 1985;198(3):449–55

Restriction endonuclease fingerprinting of meningococcal DNA. Kristiansen BE, et al. **NIPH Ann** 1984 Jun;7(1):21–8

Genomic analysis of animal ureaplasmas by restriction endonucleases. Harasawa R, et al. **Nippon Juigaku Zasshi** 1984 Oct;46(5):737–40

Structural features of the hisT operon of Escherichia coli K-12. Arps PJ, et al. **Nucleic Acids Res** 1985 Jul 25; 13(14):5297–315

The DNA sequence of the gene (rnc) encoding ribonuclease III of Escherichia coli. March PE, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4677–85

Alkali-labile structures linked to the 5' ends of Bacillus subtilis short DNA chains. Yasuda H, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4953–69

Deletion of the terminus region (340 kilobase pairs of DNA) from the chromosome of Escherichia coli. Henson JM, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3766–70

Structural analysis of the umu operon required for inducible mutagenesis in Escherichia coli. Kitagawa Y, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4336–40

Nucleotide sequence of the insertion sequence found in the T-DNA region of mutant Ti plasmid pTiA66 and distribution of its homologues in octopine Ti plasmid. Machida Y, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(23):7495–9

Development of a system for genetic and molecular analysis of Streptococcus agalactiae. Wanger AR, et al. **Res Vet Sci** 1985 Mar;38(2):202–8

[Characterization of enterotoxigenic Escherichia coli of bovine origin by DNA-DNA colony hybridization] Mainil J, et al. **Ann Rech Vet** 1984;15(1):139–44 (Eng. Abstr.) **(Fre)**

[Existence of sequences homologous to the V-MYB oncogene in the genome of archaebacteria] Perbal B, et al. **C R Acad Sci [III]** 1985;300(5):177–80 (Eng. Abstr.) **(Fre)**

[Proteins firmly bound to DNA in the E. coli nucleoid] Gaziev AI, et al. **Biokhimiia** 1985 May;50(5):814–9 (Eng. Abstr.) **(Rus)**

[The nature of a covalent bond between the relaxation protein and ColE1-DNA in the relaxation complex] Zhuklis KL, et al. **Bioorg Khim** 1984 Apr;10(4):567–9 (Eng. Abstr.) **(Rus)**

[Characteristics of phages-transposons of Pseudomonas aeruginosa belonging to 2 groups distinguished by DNA-DNA homology] Akhverdian VZ, et al. **Genetika** 1985 May;21(5):735–47 (Eng. Abstr.) **(Rus)**

[Modular structure of the genes of phages-transposons of Pseudomonas aeruginosa] Krylov VN, et al. **Genetika** 1985 May;21(5):724–34 (Eng. Abstr.) **(Rus)**

[Comparison of the physicochemical structure of DNA in Corynebacterium related to C. diphtheriae v. mitis, intermedius and gravis] Krylova MD, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):44–50 (Eng. Abstr.) **(Rus)**

[Determination of the structural integrity of DNA from pathogenic enterobacteria] Tets VV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):20–3 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Preliminary characterization of an antibiotic produced by Xanthomonas albilineans which inhibits DNA synthesis in Escherichia coli. Birch RG, et al. **J Gen Microbiol** 1985 May;131 (Pt 5):1069–75

BIOSYNTHESIS

Comparison of three DNA hybridization methods for detection of the aminoglycoside 2'-O-adenylyltransferase gene in clinical bacterial isolates. Gootz TD, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):69–73

Validity of the tritiated thymidine method for estimating bacterial growth rates: measurement of isotope dilution during DNA synthesis. Pollard PC, et al. **Appl Environ Microbiol** 1984 Dec;48(6):1076–83

Molecular cloning of Mycobacterium tuberculosis H37RaDNA in Escherichia coli. Bhattacharya S, et al. **Indian J Biochem Biophys** 1984 Jun;21(3):201–2

Mechanism of transient inhibition of DNA synthesis in ultraviolet-irradiated E. coli: inhibition is independent of recA whilst recovery requires RecA protein itself and an additional, inducible SOS function. Khidhir MA, et al. **MGG** 1985;199(1):133–40

Structure and function of the region of the replication origin of the Bacillus subtilis chromosome. III. Nucleotide sequence of some 10,000 base pairs in the origin region. Moriya S, et al. **Nucleic Acids Res** 1985 Apr 11; 13(7):2251–65

Initiation of enzymatic replication at the origin of the Escherichia coli chromosome: primase as the sole priming enzyme. van der Ende A, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):3954–8

[Enzymatic mechanisms of degradation of DNA replication forks in vitro] Fradkin GE, et al. **Mol Biol (Mosk)** 1984 Nov–Dec;18(6):1518–23 (Eng. Abstr.) **(Rus)**

GENETICS

Movable DNA sequences. Rakowicz-Szulczynska EM. **Acta Anthropogenet** 1983;7(4):265–81 (89 ref.)

Techniques of DNA hybridization detect small numbers of mycobacteria with no cross-hybridization with non-mycobacterial respiratory organisms. Shoemaker SA, et al. **Am Rev Respir Dis** 1985 May;131(5):760–3

Development of two DNA probes for differentiating the structural genes of subclasses I and II of the aminoglycoside-modifying enzyme 3'-aminoglycoside phosphotransferase. Young SA, et al. **Antimicrob Agents Chemother** 1985 May;27(5):739–44

DNA-protein interaction at the replication origins of plasmid chromosomes. Bastia D, et al. **Basic Life Sci** 1985; 30:397–414

DNA sequence around the Escherichia coli unc operon. Completion of the sequence of a 17 kilobase segment containing asnA, oriC, unc, glmS and phoS. Walker JE, et al. **Biochem J** 1984 Dec 15;224(3):799–815

Recombinant DNA methods for the oxytetracycline producer Streptomyces rimosus. Rhodes PM, et al. **Biochem Soc Trans** 1984 Aug;12(4):586–7

Differential characteristics of catalase-positive campylobacters correlated with DNA homology groups. Roop RM 2d, et al. **Can J Microbiol** 1984 Jul;30(7):938–51

Conformational change in the DNA associated with an unusual promoter mutation in a tRNA operon of Salmonella. Bossi L, et al. **Cell** 1984 Dec;39(3 Pt 2):643–52

The dnaA protein complex with the E. coli chromosomal replication origin (oriC) and other DNA sites. Fuller RS, et al. **Cell** 1984 Oct;38(3):889–900

Hin-mediated site-specific recombination requires two 26 bp recombination sites and a 60 bp recombinational enhancer. Johnson RC, et al. **Cell** 1985 Jul;41(3):781–91

A unique DNA intermediate associated with termination of chromosome replication in Bacillus subtilis. Weiss AS, et al. **Cell** 1984 Dec;39(3 Pt 2):683–9

Recombinant DNA and other direct specimen identification techniques. Tompkins LS. **Clin Lab Med** 1985 Mar; 5(1):99–107

Transposon Tn5: specific sequence recognition and conservative transposition. Berg DE, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:215–26

Studies of the mechanism of DNA pairing by the RecA protein of Escherichia coli. Bryant FR, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:535–9

Unidirectional branch migration promoted by nucleoprotein filaments of RecA protein and DNA. Cox MM, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:525–33

Intermediates in homologous pairing promoted by RecA protein and correlations of recombination in vitro and in vivo. Flory SS, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:513–23

Functional difference of the two ends of insertion sequence IS1 in transposition and cointegration. Ishizaki K, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:207–13

Host functions in amplification/deamplification of Tn9 in Escherichia coli K-12: a new model for amplification. Mahajan SK, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:443–51

Site-specific recombination in the oriV1 region of the F factor. O'Connor MB, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:421–34

Transposition and transposition immunity of transposon Tn3 derivatives having different ends. Arthur A, et al. **EMBO J** 1984 Aug;3(8):1723–9

3-Methyladenine residues in DNA induce the SOS function sfiA in Escherichia coli. Boiteux S, et al. **EMBO J** 1984 Nov;3(11):2569–73

Non-repetitive AT-rich sequences are found in intergenic regions of Methanococcus voltae DNA. Bollschweiler C, et al. **EMBO J** 1985 Mar;4(3):805–9

dnaA protein-regulated transcription: effects on the in vitro replication of Escherichia coli minichromosomes. Lother H, et al. **EMBO J** 1985 Feb;4(2):555–60

The invertible P-DNA segment in the chromosome of Escherichia coli. Plasterk RH, et al. **EMBO J** 1985 Jan; 4(1):237–42

The change of DNA structure by specific binding of the cAMP receptor protein from rotation diffusion and dichroism measurements. Porschke D, et al. **EMBO J** 1984 Dec 1;3(12):2873–8

A 145-base pair DNA sequence that positions itself precisely and asymmetrically on the nucleosome core. Ramsay N, et al. **EMBO J** 1984 Nov;3(11):2605–11

Convenient modification of the method for oligonucleotide-directed in vitro mutagenesis of cloned DNA. Efimov VA, et al. **FEBS Lett** 1985 Feb 25; 181(2):407–11

DNA-protein interactions during replication of genetic elements of bacteria. Nešvera J, et al. **Folia Microbiol (Praha)** 1985;30(2):154–76 (177 ref.)

Cloning of the DNA repair genes mtcA, mtcB, uvsC, uvsD, uvsE and the leuB gene from Deinococcus radiodurans. Al-Bakri GH, et al. **Gene** 1985;33(3):305–11

Analysis of the ptsH-ptsI-crr region in Escherichia coli K-12: evidence for the existence of a single transcriptional unit. De Reuse H, et al. **Gene** 1984 Dec;32(1-2):31–40

Analysis of the ptsH-ptsI-crr region in Escherichia coli K-12: nucleotide sequence of the ptsH gene. De Reuse H, et al. **Gene** 1985;35(1-2):199–207

Isolation of sigma-28-specific promoters from Bacillus subtilis DNA. Gilman MZ, et al. **Gene** 1984 Dec; 32(1-2):11–20

A gene for DNA invertase and an invertible DNA in Escherichia coli K-12. Kutsukake K, et al. **Gene** 1985; 34(2-3):343–50

A portable DNA sequence carrying the cohesive site (cos) of bacteriophage lambda and the mob (mobilization) region of the broad-host-range plasmid RK2: a module for the construction of new cosmids. Selvaraj G, et al. **Gene** 1984 Dec;32(1-2):235–41

Mechanism of IS1 transposition in E. coli: choice between simple insertion and cointegration. Biel SW, et al. **Genetics** 1984 Oct;108(2):319–30

Genetic analysis of DNA replication in bacteria: dnaB mutations that suppress dnaC mutations and dnaQ mutations that suppress dnaE mutations in Salmonella typhimurium. Maurer R, et al. **Genetics** 1984 Sep; 108(1):25–38

Localized conversion in Streptococcus pneumoniae recombination: heteroduplex preference. Sicard M, et al. **Genetics** 1985 Aug;110(4):557–68

Genetic changes in mammalian cells reminiscent of an SOS response. Herrlich P, et al. **Hum Genet** 1984;67(4):360–8

Physical and genetic analysis of DNA regions encoding the immunoglobulin A proteases of different specificities produced by Haemophilus influenzae. Bricker J, et al. **Infect Immun** 1985 Feb;47(2):370–4

Genetics of spontaneous, high-frequency loss of b capsule expression in Haemophilus influenzae. Hoiseth SK, et al. **Infect Immun** 1985 Aug;49(2):389–95

Mechanisms of DNA reorganization in bacteria. Shapiro JA. **Int Rev Cytol** 1985;93:25–56 (226 ref.)

Spiroplasmas and the transfer of genetic material by transformation and transfection. Bove JM, et al. **Isr J Med Sci** 1984 Sep;20(9):836–9

Mycoplasmal ribosomal RNA genes and their use as probes for detection and identification of Mollicutes. Razin S, et al. **Isr J Med Sci** 1984 Sep;20(9):758–61

Differential behavior of plasmids containing chromosomal DNA insertions of various sizes during transformation and conjugation in Haemophilus influenzae. Balganesh M, et al. **J Bacteriol** 1985 Jan;161(1):141–6

DNA adenine methylation of GATC sequences appeared recently in the Escherichia coli lineage. Barbeyron T, et al. **J Bacteriol** 1984 Nov;160(2):586–90

Excision and reintegration of the Escherichia coli K-12 chromosomal element e14. Brody H, et al. **J Bacteriol** 1985 Mar;161(3):1112–7

Comparison of 10 IncP plasmids: homology in the regions involved in plasmid replication. Chikami GK, et al. **J Bacteriol** 1985 May;162(2):656–60

Molecular analysis of DNA and construction of genomic libraries of Mycobacterium leprae. Clark-Curtiss JE, et al. **J Bacteriol** 1985 Mar;161(3):1093–102

Mini-F protein that binds to a unique region for partition of mini-F plasmid DNA. Hayakawa Y, et al. **J Bacteriol** 1985 Jul;163(1):349–54

Nucleotide sequence of the gene for the vitamin B12 receptor protein in the outer membrane of Escherichia coli. Heller K, et al. **J Bacteriol** 1985 Mar;161(3):904–8

Repeated sequences similar to insertion elements clustered around the nif region of the Rhizobium japonicum genome. Kaluza K, et al. **J Bacteriol** 1985 May;162(2):535–42

Cloning of a developmentally regulated element from alkalophilic Bacillus subtilis DNA. Kudo T, et al. **J Bacteriol** 1985 Jan;161(1):158–63

Host DNA replication forks are not preferred targets for bacteriophage Mu transposition. Nakai H, et al. **J Bacteriol** 1985 Jul;163(1):282–90

DNA transfer occurs during a cell surface contact stage of F sex factor-mediated bacterial conjugation. Panicker MM, et al. **J Bacteriol** 1985 May;162(2):584–90

Presence of DNA, encoding parts of bacteriophage tail fiber genes, in the chromosome of Escherichia coli K-12. Riede I, et al. **J Bacteriol** 1985 Sep;163(3):832–6

DNA sequence and transcriptional organization of essential cell division genes ftsQ and ftsA of Escherichia coli: evidence for overlapping transcriptional units. Robinson AC, et al. **J Bacteriol** 1984 Nov;160(2):546–55

Replication control in promiscuous plasmid RK2: kil and kor functions affect expression of the essential replication gene trfA. Schreiner HC, et al. **J Bacteriol** 1985 Jul; 163(1):228–37

Return of Streptococcus faecalis DNA cloned in Escherichia coli to its original host via transformation of Streptococcus sanguis followed by conjugative mobilization. Smith MD, et al. **J Bacteriol** 1984 Dec;160(3):1109–14

Chromosomal-DNA amplification in Bacillus subtilis. Wilson CR, et al. **J Bacteriol** 1985 Aug;163(2):445–53

IncFII plasmid incompatibility product and its target are both RNA transcripts. Womble DD, et al. **J Bacteriol** 1984 Oct; 160(1):28–35

The amino acid sequence of a crystal protein from Bacillus thuringiensis deduced from the DNA base sequence. Schnepf HE, et al. **J Biol Chem** 1985 May 25; 260(10):6264–72

Bacterial chromosomal restriction endonuclease analysis of the homology of Bacteroides species. Bradbury WC, et al. **J Clin Microbiol** 1985 Jan;21(1):24–8

Isolation and characterization of small plasmids in strains of Vibrio parahaemolyticus. Isaki LS, et al. **J Diarrhoeal Dis Res** 1983 Jun;1(2):99–106

Characterization of DNA fragments encoding fimbriae of the uropathogenic Escherichia coli strain KS71. Rhen M. **J Gen Microbiol** 1985 Mar;131 (Pt 3):571–80

Nucleic acid relationships among the anaerobic mycoplasmas. Stephens EB, et al. **J Gen Microbiol** 1985 May;131 (Pt 5):1223–7

The T-DNA of Agrobacterium rhizogenes is transmitted through meiosis to the progeny of hairy root plants. Costantino P, et al. **J Mol Appl Genet** 1984;2(5):465–70

Use of transposon-promoted deletions in DNA sequence analysis. Ahmed A. **J Mol Biol** 1984 Oct 5;178(4):941–8

Activation and inhibition of transcription by supercoiling. Brahms JG, et al. **J Mol Biol** 1985 Feb 20;181(4):455–65

Mutations upstream of the ribosome-binding site affect translational efficiency. Coleman J, et al. **J Mol Biol** 1985 Jan 5;181(1):139–43

Multiple origin usage for DNA replication in sdrA(rnh) mutants of Escherichia coli K-12. Initiation in the absence of oriC. de Massy B, et al. **J Mol Biol** 1984 Sep 15; 178(2):227–36

Evidence that discontinuous DNA replication in Escherichia coli is primed by approximately 10 to 12 residues of RNA starting with a purine. Kitani T, et al. **J Mol Biol** 1985 Jul 5;184(1):45–52

Analysis of mRNA synthesis following induction of the Escherichia coli SOS system. Markham BE, et al. **J Mol Biol** 1984 Sep 15;178(2):237–48

Genetic studies of the lac repressor. XII. Amino acid replacements in the DNA binding domain of the Escherichia coli lac repressor. Miller JH. **J Mol Biol** 1984 Nov 25;180(1):205–12

Transcription of the replication control region of the IncFII R-plasmid NR1 in vitro and in vivo. Womble DD, et al. **J Mol Biol** 1985 Feb 5;181(3):395–410

Nucleotide sequence of the genome of Pf3, an IncP-1 plasmid-specific filamentous bacteriophage of Pseudomonas aeruginosa. Luiten RG, et al. **J Virol** 1985 Oct;56(1):268–76

Evolution of microorganisms and antibiotic resistance. Lacey RW. **Lancet** 1984 Nov 3;2(8410):1022–5

Cloning and complementation analysis of the 'Frizzy' genes of Myxococcus xanthus. Blackhart BD, et al. **MGG** 1985; 198(2):243–54

Mutagenic repair in Escherichia coli. X. The umuC gene product may be required for replication past pyrimidine dimers but not for the coding error in UV-mutagenesis. Bridges BA, et al. **MGG** 1984;196(2):364–6

Restriction of hemimethylated DNA by the Bacillus subtilis R system. Bron S, et al. **MGG** 1984;195(1-2):370–3

Genetic and biochemical characterization of the aerobactin synthesis operon on pColV. Gross R, et al. **MGG** 1984; 196(1):74–80

The E. coli K-12 chromosome flanked by two IS10 sequences transposes. Harayama S, et al. **MGG** 1984; 197(1):62–6

Nucleotide sequence of the rrnB 16S ribosomal RNA gene from Mycoplasma capricolum. Iwami M, et al. **MGG** 1984; 196(2):317–22

Inverted repeats in the DNA of Streptomyces plasmids pMG110 and pMG120. Klaus S, et al. **MGG** 1984; 197(1):143–9

Effect of mismatched base pairs on the fate of donor DNA in transformation of Streptococcus pneumoniae. Méjean V, et al. **MGG** 1984;197(3):467–71

Recombination between repeated DNA sequences occurs more often in plasmids than in the chromosome of Bacillus subtilis. Niaudet B, et al. **MGG** 1984;197(1):46–54

Genetic analysis of Tn7 transposition. Ouartsi A, et al. **MGG** 1985;198(2):221–7

Organization of ribosomal RNA genes in Mycoplasma capricolum. Sawada M, et al. **MGG** 1984;196(2):311–6

The DNA sequence of the gene for the secreted Bacillus subtilis enzyme levansucrase and its genetic control sites. Steinmetz M, et al. **MGG** 1985;200(2):220–8

Molecular fate of heterologous bacterial DNA in competent Bacillus subtilis: further characterization of unstable association between donor and recipient DNA and the involvement of the cellular membrane. te Riele HP, et al. **MGG** 1984;195(1-2):200–8

Heterospecific transformation in Bacillus subtilis: protein composition of a membrane-DNA complex containing unstable heterologous donor-recipient complex. te Riele HP, et al. **MGG** 1984;197(3):478–85

DNA sequences specifying the transcription of the streptococcal kanamycin resistance gene in Escherichia coli and Bacillus subtilis. Trieu-Cuot P, et al. **MGG** 1985; 198(2):348–52

Escherichia coli alpha-haemolysin synthesis and export genes are flanked by a direct repetition of IS91-like elements. Zabala JC, et al. **MGG** 1984;197(1):90–7

Repair of platinum-DNA lesions in E. coli by a pathway which does not recognize DNA damage caused by MNNG or UV light. Germanier M, et al. **Mutat Res** 1985 Jan-Mar; 145(1-2):35–41

Genetic duplications in bacteria and their relevance for genetic toxicology. Hoffman GR. **Mutat Res** 1985 Jun-Jul; 150(1-2):107–17

On mutation fixation resulting from nitrosoguanidine-induced DNA damage in Escherichia coli K12 ada-. Orrego C, et al. **Mutat Res** 1985 Sep; 146(2):185–9

Azaserine: further evidence for DNA damage in Escherichia coli. Williams-Hill DM, et al. **Mutat Res** 1984 Nov; 129(2):153–64

Complete sequence of pSC101. Bernardi A, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9415–26

DNA methylation in thermophilic bacteria: N4-methylcytosine, 5-methylcytosine, and N6-methyladenine. Ehrlich M, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1399–412

Inhibition and enhancement of phleomycin-induced DNA breakdown by aromatic tricyclic compounds. Grigg GW, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):9083–93

A method to locate protein coding sequences in DNA of prokaryotic systems. Kolaskar AS, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):185–94

A method for measuring the non-random bias of a codon usage table. McLachlan AD, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9567–75

DNA sequence of the Rhizobium leguminosarum nodulation genes nodAB and C required for root hair curling. Rossen L, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9497–508

Comparison of the nucleotide sequences of the vegetative replication origins of broad host range IncP plasmids R751 and RK2 reveals conserved features of probable functional importance. Smith CA, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):557–72

Complete sequence of IS3. Timmerman KP, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):2127–39

Detection of displacement ('D') loops with the properties of a replicating intermediate synthesized by a DNA/membrane complex derived from the low-copy-number plasmid RK2. Firshein W, et al. **Plasmid** 1984 Nov;12(3):227–32

Control of replication of bacterial plasmids: genetics, molecular biology, and physiology of the plasmid R1 system. Nordström K, et al. **Plasmid** 1984 Sep;12(2):71–90 (68 ref.)

An invertible element of DNA controls phase variation of type 1 fimbriae of Escherichia coli. Abraham JM, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5724–7

T-DNA of Agrobacterium tumefaciens encodes an enzyme of cytokinin biosynthesis. Akiyoshi DE, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5994–8

Molecular basis of DNA sequence recognition by the catabolite gene activator protein: detailed inferences from three mutations that alter DNA sequence specificity. Ebright RH, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(23):7274–8

DNA-damage-inducible (din) loci are transcriptionally activated in competent Bacillus subtilis. Love PE, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6201–5

Pilus genes of Neisseria gonorrheae: chromosomal organization and DNA sequence. Meyer TF, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6110–4

Genetic relationships of short and long anaerobic curved rods isolated from the vagina. Christiansen G, et al. **Scand J Urol Nephrol [Suppl]** 1984;86:75–8

Construction and characterization of chimeric beta-lactamase plasmids of Neisseria gonorrhoeae with altered ability to be mobilized during conjugation. Tenover FC, et al. **Sex Transm Dis** 1985 Apr-Jun;12(2):76–82

Alterations of the bacteriophage T7 and T3 DNA packaging pathway in Escherichia coli mutant TSN B. Serwer P, et al. **Virology** 1985 Jan 15;140(1):80–90

[Genotypic studies of the causative agents of hemorrhagic necrotizing pleuropneumonia in swine] Kielstein P, et al. **Zentralbl Veterinarmed [B]** 1985 Feb;32(2):93–100 (Eng. Abstr.) (Ger)

[Mutagenicity of organic rubber additives] Ueno S, et al. **Sangyo Igaku** 1984 Mar;26(2):147–54 (Eng. Abstr.) (Jpn)

[DNA cloning in actinomycetes: the creation of vector systems] Danilenko VN, et al. **Antibiotiki** 1984 Aug; 29(8):563–72 (Eng. Abstr.) (Rus)

[Spectrophotometric method of assessing molecular DNA-DNA hybridization applicable to bacteria of the genus Pseudomonas] Levanova GF, et al. **Biol Nauki** 1984; (8):23–6 (Eng. Abstr.) (Rus)

[Statistical study of the nucleotide sequence of a prokaryotic promoter. Structural elements determining the efficacy of the transcription initiation stages] Artem'ev IV, et al. **Bioorg Khim** 1983 Nov;9(11):1544–57 (Eng. Abstr.) (Rus)

[Primary structure of the E. coli DNA region preceding the tryptophan operon genes] Gubanov VV, et al.

Bioorg Khim 1984 Mar;10(3):415-7 (Eng. Abstr.) (Rus)

[Plasmid vectors with a semi-synthetic beta-galactosidase gene of E. coli] Korobko VG, et al. **Bioorg Khim** 1983 Sep;9(9):1285-9 (Eng. Abstr.) (Rus)

[Site-specific endonuclease BmeI from Bacillus megaterium 216] Pachkunov DM, et al. **Bioorg Khim** 1983 Jan; 9(1):127-9 (Eng. Abstr.) (Rus)

[Effect of O-hydroxylamine on the transforming DNA from Bacillus subtilis. Correlation of chemical modifications with genetic consequences] Perumov DA, et al. **Bioorg Khim** 1984 Dec;10(12):1695-7 (Eng. Abstr.) (Rus)

[Plasmid vectors pBBV for the cloning and regeneration of DNA fragments with any terminal nucleotide sequence] Dobrynin VN, et al. **Dokl Akad Nauk SSSR** 1984; 278(4):1002-5 (Rus)

[Molecular genetic studies of the DNA promotor regions in Bacillus thuringiensis subsp. galleriae 69-6. II. Increased level of gene expression resulting from IS1 element integration] Beskrovnaia OIu, et al. **Genetika (Moskva)** 1984 Sep;20(9):1428-33 (Eng. Abstr.) (Rus)

[Induction of repetitive nucleotide sequences. The probable mechanisms of genome evolution and gene conversion] Salganik RI, et al. **Genetika (Moskva)** 1984 Aug; 20(8):1244-54 (Eng. Abstr.) (Rus)

[Molecular genetic studies of the DNA promotor regions in Bacillus thuringiensis subsp. galleriae 69-6. I. Structural and functional analysis] Tsoi TV, et al. **Genetika (Moskva)** 1984 Sep;20(9):1419-27 (Eng. Abstr.) (Rus)

[Interaction of Escherichia coli RNA-polymerase with DNA-duplexes containing repetitive sequences] Koroleva ON, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):516-23 (Eng. Abstr.) (Rus)

[A system of EcoRV restriction-modification: genes, enzymes and synthetic substrates] Kraev AS, et al. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):278-84 (Eng. Abstr.) (Rus)

[Directed modification of the Tcr gene region of the plasmid pBR322 using complementary single-stranded DNA fragments carrying alkylating groups] Mazin AV, et al. **Mol Biol (Mosk)** 1984 Jul-Aug;18(4):1081-9 (Eng. Abstr.) (Rus)

[Mutagenic effects of gamma-rays on plasmid DNA in Escherichia coli] Kalinin VL, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):599-602 (Eng. Abstr.) (Rus)

[Biological activity of thiophosphamide-alkylated DNA in the transformation system of Bacillus subtilis] Kitam OE, et al. **Tsitol Genet** 1985 Mar-Apr;19(2):141-4 (Eng. Abstr.) (Rus)

[Modification of the modification-restriction system in staphylococci] Kvachadze LI, et al. **Vopr Med Khim** 1985 Jan-Feb;31(1):121-5 (Eng. Abstr.) (Rus)

ISOLATION & PURIFICATION

Purification of RNA-free plasmid DNA using alkaline extraction followed by Ultrogel A2 column chromatography. Micard D, et al. **Anal Biochem** 1985 Jul; 148(1):121-6

Repeated DNA sequences recombine 1,000 times more frequently in a plasmid than in the chromosome of Bacillus subtilis. Jannière L, et al. **Basic Life Sci** 1985;30:93-103

Specific and non specific Escherichia coli ribonucleic acid polymerase DNA complexes are not hydrodynamically equivalent in analytical band sedimentation. Schmitt B, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):321-7

Nucleotide sequence of the respiratory D-lactate dehydrogenase gene of Escherichia coli. Campbell HD, et al. **Eur J Biochem** 1984 Oct 15;144(2):367-73

Determination of DNA sequences containing methylcytosine in Bacillus subtilis Marburg. Guha S. **J Bacteriol** 1985 Aug; 163(2):573-9

Isolation of a DNA fragment containing replication functions from IncP2 megaplasmid pMG2. Prince AS, et al. **J Bacteriol** 1985 Feb;161(2):792-4

The DNA sequence encoding pldA gene, the structural gene for detergent-resistant phospholipase A of E. coli. Homma H, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1655-64

High-performance liquid chromatography of DNA restriction fragments. Hecker R, et al. **J Chromatogr** 1985 Jan 19;326:251-61

Rapid procedure for isolation of plasmid DNA and application to epidemiological analysis. Takahashi S, et al. **J Clin Microbiol** 1984 Oct;20(4):608-13

Characteristics of chromosomal DNA isolated from Escherichia coli spheroplasts. Tada Y, et al. **Microbiol Immunol** 1984;28(8):853-62

Isolation of bacterial plasmids by density gradient centrifugation in cesium trifluoroacetate (CsTFA) without the use of ethidium bromide. Andersson K, et al. **Plasmid** 1985 Jan;13(1):78-80

Isolation and characterization of megaplasmid DNA from lithoautotrophic bacteria. Hogrefe C, et al. **Plasmid** 1984 Nov;12(3):161-9

Factors affecting the isolation of CCC DNA from Streptomyces lividans and Escherichia coli. Kieser T. **Plasmid** 1984 Jul;12(1):19-36

[Topological isomers of pBR322 DNA in vivo] Huang XT, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb;7(1):20-4 (Eng. Abstr.) (Chi)

[Nucleic acid hybridization—an adjunct to microbiological diagnosis] Ranki M. **Duodecim** 1985;101(13):1260-5 (Fin)

METABOLISM

Functions of DNA helicases in the DNA metabolism of Escherichia coli. Abdel-Monem M, et al. **Adv Exp Med Biol** 1984;179:385-93

Studies on the role of dam methylation at the Escherichia coli chromosome replication origin (oriC). Forterre P, et al. **Adv Exp Med Biol** 1984;179:543-9

Eight DNA insertion events of Agrobacterium tumefaciens Ti-plasmids in isogenic sunflower genomes are all distinct. Ursic D. **Biochem Biophys Res Commun** 1985 Aug 30; 131(1):152-9

Accessibility to bacterial nucleic acids of the intercalating drug aliphatic amino acid ellipticinium derivatives in Escherichia coli and Salmonella typhimurium. Panoun H, et al. **Biochemistry** 1985 Jan 29;24(3):701-7

Measurement of DNA-protein equilibria using gel chromatography: application to the HinfI restriction endonuclease. Frankel AD, et al. **Biochemistry** 1985 Jun 4;24(12):3049-54

Effect of polyamines and basic proteins on cleavage of DNA by restriction endonucleases. Pingoud A, et al. **Biochemistry** 1984 Nov 20;23(24):5697-703

The spacing of Escherichia coli DNA gyrase sites cleaved in vivo by treatment with oxolinic acid and sodium dodecyl sulfate. Béjar S, et al. **Biochimie** 1984 Nov-Dec; 66(11-12):693-700

Development of a cell wash buffer that minimizes nucleic acid loss from Clostridium perfringens 10543 A. Blaschek HP, et al. **Can J Microbiol** 1985 Jun;31(6):575-8

Enhancement of DNA binding and mutagenicity of 1-nitropyrene by zinc acetate in Salmonella typhimurium TA100. Sakai K, et al. **Carcinogenesis** 1985 Jan;6(1):59-64

DNA gyrase and its complexes with DNA: direct observation by electron microscopy. Kirchhausen T, et al. **Cell** 1985 Jul;41(3):933-43

Chi-dependent DNA strand cleavage by RecBC enzyme. Ponticelli AS, et al. **Cell** 1985 May;41(1):145-51

RecBC enzyme nicking at Chi sites during DNA unwinding: location and orientation-dependence of the cutting. Taylor AF, et al. **Cell** 1985 May;41(1):153-63

An Escherichia coli cell-free system that catalyzes the repair of symmetrically methylated heteroduplex DNA. Fishel RA, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:603-9

Visualization of SSB-ssDNA complexes active in the assembly of stable RecA-DNA filaments. Griffith JD, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:553-9

Molecular mechanisms of general genetic recombination: the DNA-binding sites of RecA protein. Howard-Flanders P, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:571-80

Visualization of RecA-DNA complexes involved in consecutive stages of an in vitro strand exchange reaction. Stasiak A, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:561-70

Electron microscopic mapping of Thermus thermophilus RNA polymerase binding sites on plasmid pBR322. González B, et al. **Comp Biochem Physiol [B]** 1985; 80(3):485-7

Effect of 5-azacytidine on DNA methylation and on the enzymes of de novo pyrimidine biosynthesis in Bacillus subtilis Marburg strain. Guha S. **Eur J Biochem** 1984 Nov 15;145(1):99-106

Sequence preferences in the binding to DNA of triostin A and TANDEM as reported by DNase I footprinting. Low CM, et al. **FEBS Lett** 1984 Oct 29;176(2):414-20

Relaxation of PvuII recognition sequence. Nasri M, et al. **FEBS Lett** 1985 Jun 3;185(1):101-4

Effect of polycations on the transforming activity of various markers of Bacillus subtilis. el-Hamalawi AR, et al. **Ital J Biochem** 1984 Nov-Dec;33(6):369-80

The plasmids of Haemophilus ducreyi. McNicol PJ, et al. **J Antimicrob Chemother** 1984 Dec;14(6):561-4 (26 ref.)

Heteroduplex DNA mismatch repair system of Streptococcus pneumoniae: cloning and expression of the hexA gene. Balganesh TS, et al. **J Bacteriol** 1985 Jun;162(3):979-84

Reexamination of phenotypic defects in rec-1 and rec-2 mutants of Haemophilus influenzae Rd. Barouki R, et al. **J Bacteriol** 1985 Aug;163(2):629-34

DNA-directed in vitro synthesis and assembly of the form II D-ribulose-1,5-bisphosphate carboxylase/oxygenase from Rhodopseudomonas sphaeroides. Chory J, et al. **J Bacteriol** 1985 Jan;161(1):307-13

In vitro RNA polymerase interaction with a restriction fragment containing the Escherichia coli origin of replication. Greene RS, et al. **J Bacteriol** 1985 Jan; 161(1):183-8

Repair of cis-platinum-DNA adducts by ABC excinuclease in vivo and in vitro. Husain I, et al. **J Bacteriol** 1985 Sep; 163(3):817-23

Amplification of a major membrane-bound DNA sequence of Bacillus subtilis. Sargent MG, et al. **J Bacteriol** 1985 Feb;161(2):589-95

DNA-scission activities of ascorbate in the presence of metal chelates. Chiou SH. **J Biochem (Tokyo)** 1984 Oct; 96(4):1307-10

The irreversible binding of azacytosine-containing DNA fragments to bacterial DNA(cytosine-5)methyltransferases. Friedman S. **J Biol Chem** 1985 May 10;260(9):5698-705

Two binding modes in Escherichia coli single strand binding protein-single stranded DNA complexes. Modulation by NaCl concentration. Lohman TM, et al. **J Biol Chem** 1985 Mar 25;260(6):3594-603

Hybridization selection of covalent nucleic acid-protein complexes. 2. Cross-linking of proteins to specific Escherichia coli mRNAs and DNA sequences by formaldehyde treatment of intact cells. Schouten JP. **J Biol Chem** 1985 Aug 15;260(17):9929-35

Hybridization selection of nucleic acid-protein complexes. 1. Detection of proteins cross-linked to specific mRNAs and DNA sequences by irradiation of intact Escherichia coli cells with ultraviolet light. Schouten JP. **J Biol Chem** 1985 Aug 15;260(17):9916-28

DNA binding and mutation spectra of the carcinogen N-2-aminofluorene in Escherichia coli. A correlation between the conformation of the premutagenic lesion and the mutation specificity. Bichara M, et al. **J Mol Biol** 1985. Jun 5;183(3):341-51

Analogs of cyclic AMP that elicit the biochemically defined conformational change in catabolite gene activator protein (CAP) but do not stimulate binding to DNA. Ebright RH, et al. **J Mol Biol** 1985 Mar 6;182(1):91-107

Overinitiation of chromosome and plasmid replication in a dna Acos mutant of Escherichia coli K12. Evidence for dnaA-dnaB interactions. Frey J, et al. **J Mol Biol** 1984 Oct 25;179(2):171-83

Enzymatic digestion of operator DNA in the presence of the lac repressor tryptic core. Manly SP, et al. **J Mol Biol** 1984 Nov 5;179(3):335-50

lac operator DNA modification in the presence of proteolytic fragments of the repressor protein. Manly SP, et al. **J Mol Biol** 1984 Nov 5;179(3):315-33

Mapping of DNA gyrase cleavage sites in vivo oxolinic acid induced cleavages in plasmid pBR322. O'Connor MB, et al. **J Mol Biol** 1985 Feb 20;181(4):545-50

Detection in vivo of protein-DNA interactions within the lac operon of Escherichia coli. Nick H, et al. **Nature** 1985 Feb 28-Mar 6;313(6005):795-8

Characterization of intracellular DNA strand breaks induced by neocarzinostatin in Escherichia coli cells. Boye E, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8281-91

Altered DNA contacts made by a mutant AraC protein. Brunelle A, et al. **Nucleic Acids Res** 1985 Jul 25; 13(14):5019-26

A model for the non-specific binding of catabolite gene activator protein to DNA. Weber IT, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8475-87

A dimer of AraC protein contacts three adjacent major groove regions of the araI DNA site. Hendrickson W, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3129-33

Processing of donor DNA during Haemophilus influenzae transformation: analysis using a model plasmid system. Pifer ML, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3731-5

DNA characterization of Lyme disease spirochetes. Schmid GP, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):539-42

Binding of transforming DNA to protoplasts isolated from competent Bacillus subtilis. Ballester S, et al. **Zentralbl Mikrobiol** 1985;140(1):73-82

[Comparison of specific recognition sites of adenine and cytosine DNA-methylase of Yersinia Pestis EV 76 C dam and dcm by Escherichia coli methylases] Demidova GV, et al. **Biokhimiia** 1984 Oct;49(10):1594-7 (Eng. Abstr.) (Rus)

[Specific protection of DNA by distamycin A, netropsin and bis-netropsins against the action of DNAse I] Skamrov AV, et al. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):177-95 (Eng. Abstr.) (Rus)

[Factors of bacteriophage resistance to cellular nucleases in phagotherapy of microbial infections] Nikol'skaia II, et al. **Vestn Akad Med Nauk SSSR** 1984;(8):41-8 (Eng. Abstr.) (Rus)

RADIATION EFFECTS

Binding of Escherichia coli DNA photolyase to UV-irradiated DNA. Sancar GB, et al. **Biochemistry** 1985 Apr 9;24(8):1849-55

Microwave-field-driven acoustic modes in DNA. Edwards GS, et al. **Biophys J** 1985 Jun;47(6):799-807

Specific formation of electron gain and loss centres in X-irradiated oriented fibres of DNA at low temperatures. Hüttermann J, et al. **Faraday Discuss Chem Soc** 1984; (78):135-49

The formation of photoreactivable damage by direct excitation of DNA in X-irradiated E. coli cells. Duba VV, et al. **Int J Radiat Biol** 1985 Jan;47(1):49-56

Pyrimidine dimer induction in E. coli DNA by Cerenkov emission associated with high energy X-irradiation. Morgan TL, et al. **Int J Radiat Biol** 1984 Oct;46(4):443-9

Inhibition of excision repair of DNA in u.v.-irradiated Escherichia coli by phenethyl alcohol. Tachibana A, et al. **Int J Radiat Biol** 1985 Jun;47(6):663-71

Single-strand breakage of DNA in UV-irradiated uvrA, uvrB, and uvrC mutants of Escherichia coli. Tang MS, et al. **J Bacteriol** 1985 Mar;161(3):933-8

Occurrence and loss of alkali-labile sites in newly synthesized DNA of UV-irradiated Escherichia coli K12. Slezáriková V, et al. **Mutat Res** 1984 Sep-Oct;132(3-4):79-86

Role of the umuC gene in postreplication repair in UV-irradiated Escherichia coli K-12 uvrB. Wang TC, et al. **Mutat Res** 1985 May;145(3):107-12

Incandescent lamps can produce pyrimidine dimers in DNA. Ciarrocchi G, et al. **Photochem Photobiol** 1985 Jun; 41(6):703-5

Ultraviolet action spectra for DNA dimer induction, lethality, and mutagenesis in Escherichia coli with emphasis

NEWARK PUBLIC LIBRARY

on the UVB region. Peak MJ, et al. **Photochem Photobiol** 1984 Nov;40(5):613–20

P-Aminobenzoic acid can sensitize the formation of pyrimidine dimers in DNA: direct chemical evidence. Sutherland JC, et al. **Photochem Photobiol** 1984 Sep; 40(3):391–4

Sequence specificity of DNA cleavage by Micrococcus luteus gamma endonuclease. Hentosh P, et al. **Radiat Res** 1985 Apr;102(1):119–29

Effects of tritiated water on the DNA of plasmid pBR 322. Yoshinaga K, et al. **Radioisotopes** 1984 Jul;33(7):456–8

Effect of visible light (425–700 nm) on different preparations of transforming deoxyribonucleic acid from Haemophilus influenzae. Cortés-Vázquez MI, et al. **Rev Latinoam Microbiol** 1984 Jul–Sep;26(3):239–44

[Temperature-induced radioresistance of Escherichia coli cells] Bresler SE, et al. **Radiobiologiia** 1984 Sep–Oct; 24(5):579–83 (Eng. Abstr.) **(Rus)**

[Genetic determination and mechanism of realization of temperature-induced radioresistance] Bresler SE, et al. **Radiobiologiia** 1984 Sep–Oct;24(5):584–9 (Eng. Abstr.) **(Rus)**

[Genetic control of the processes of postradiation repair of a compact chromosome in Micrococcus radiodurans cells] Kudriashova NIu, et al. **Radiobiologiia** 1984 Sep–Oct; 24(5):603–6 (Eng. Abstr.) **(Rus)**

[Role of direct excitation of DNA base molecules in the formation of UV-like damage in Escherichia coli cells irradiated with ionizing radiation] Pitkevich VA, et al. **Radiobiologiia** 1984 Nov–Dec;24(6):739–42 (Eng. Abstr.) **(Rus)**

[Genetic transformation with denatured DNA inactivated by ultraviolet light and its reactivation by nitrous acid] González-Dadda L, et al. **Rev Latinoam Microbiol** 1984 Jul–Sep;26(3):245–50 (Eng. Abstr.) **(Spa)**

THERAPEUTIC USE

Antitumor activity of the DNA fraction from Mycobacterium bovis BCG. II. Effects on various syngeneic mouse tumors. Shimada S, et al. **JNCI** 1985 Mar; 74(3):681–8

DNA BINDING PROTEINS

see related
DNA REPLICATION

Model for interactions of amino acid side chains with Watson–Crick base pair of guanine and cytosine: crystal structure of 9–(2–carbamoylethyl)guanine and 1–methylcytosine complex. Fujita S, et al. **Biochemistry** 1985 Jan 15;24(2):508–12

Unidirectional branch migration promoted by nucleoprotein filaments of RecA protein and DNA. Cox MM, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:525–33

A model for intracellular complexation between gene–5 protein and bacteriophage fd DNA. Brayer GD, et al. **Eur J Biochem** 1985 Jul 15;150(2):287–96

On a sequence similarity between ribosomal protein S5 and DNA binding protein II. Wilson KS, et al. **FEBS Lett** 1985 Mar 25;182(2):249–52

Amino acid sequence of the UP1 calf thymus helix–destabilizing protein and its homology to an analogous protein from mouse myeloma. Williams KR, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5666–70

Sequence of the DNA–binding protein of a human subgroup E adenovirus (type 4): comparisons with subgroup A (type 12), subgroup B (type 7), and subgroup C (type 5). Kitchingman GR. **Virology** 1985 Oct 15;146(1):90–101

ANALYSIS

Purification of an 86–70 kDa nuclear DNA–associated protein complex. Yaneva M, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):22–9

Quantification of SSB protein in E. coli and its variation during RECA protein induction. Villani G, et al. **Biochimie** 1984 Jun;66(6):471–6

Primary structure of the himA gene of Escherichia coli: homology with DNA–binding protein HU and association with the phenylalanyl–tRNA synthetase operon. Miller HI. **Cold Spring Harbor Symp Quant Biol** 1984;49:691–8

Recognition site of nuclear factor I, a sequence–specific DNA–binding protein from HeLa cells that stimulates adenovirus DNA replication. Leegwater PA, et al. **EMBO J** 1985 Jun;4(6):1515–21

Identification of intranuclear structures containing the 72K DNA–binding protein of human adenovirus type 5. Puvion–Dutilleul F, et al. **Eur J Cell Biol** 1984 Jul; 34(2):313–22

Variability in the nucleic acid binding site size and the amount of single–stranded DNA–binding protein in Escherichia coli. Bobst EV, et al. **FEBS Lett** 1985 Feb 11;181(1):133–7

Characterization of the chymotryptic core of the adenovirus DNA–binding protein. Tsernoglou D, et al. **FEBS Lett** 1985 Sep 2;188(2):248–52

DNA–binding proteins of chick embryo lethal orphan virus: lack of complementation between early proteins of avian and human adenoviruses. Li P, et al. **J Gen Virol** 1984 Oct;65 (Pt 10):1817–25

Ultrastructural localization of the herpes simplex virus major DNA–binding protein in the nucleus of infected cells. Puvion–Dutilleul F, et al. **J Gen Virol** 1985 Jan;66 (Pt 1):15–30

Serum antibodies to the major HSV–2–specified DNA–binding protein in patients with an acute HSV infection or cervical neoplasia. Lehtinen M, et al. **J Med Virol** 1985 Jul;16(3):245–56

A genetic test for expression of a functional herpes simplex virus DNA–binding protein from a transfected plasmid. Quinlan MP, et al. **J Virol** 1985 May;54(2):619–22

BLOOD

DNA binding proteins in canine sera. A method for removal of nonspecific DNA binding in the Farr assay. Zeromski J, et al. **Vet Immunol Immunopathol** 1984 Sep;7(2):169–83

[Serum DNA binding protein in mice with cancer] Tong TJ. **Chung Hua I Hsueh Tsa Chih** 1984 May;64(5):291–3 (Eng. Abstr.) **(Chi)**

GENETICS

Detection of proteins which recognize and bind oriC sequences. Weinberger M, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):600–5

Two functions encoded by adenovirus early region 1A are responsible for the activation and repression of the DNA–binding protein gene. Guilfoyle RA, et al. **EMBO J** 1985 Mar;4(3):707–13

Mechanisms of DNA reorganization in bacteria. Shapiro JA. **Int Rev Cytol** 1985;93:25–56 (226 ref.)

Conjugative plasmids of enteric bacteria from many different incompatibility groups have similar genes for single–stranded DNA–binding proteins. Golub EI, et al. **J Bacteriol** 1985 Apr;162(1):235–41

Mini–F protein that binds to a unique region for partition of mini–F plasmid DNA. Hayakawa Y, et al. **J Bacteriol** 1985 Jul;163(1):349–54

Characterization of the structural and functional defect in the Escherichia coli single–stranded DNA binding protein encoded by the ssb–1 mutant gene. Expression of the ssb–1 gene under lambda pL regulation. Williams KR, et al. **J Biol Chem** 1984 Oct 10;259(19):11804–11

An accessory role for Escherichia coli integration host factor: characterization of a lambda mutant dependent upon integration host factor for DNA packaging. Bear SE, et al. **J Virol** 1984 Dec;52(3):966–72

Restricted changes in the adenovirus DNA–binding protein that lead to extended host range or temperature–sensitive phenotypes. Brough DE, et al. **J Virol** 1985 Jul; 55(1):206–12

A physical domain of herpes simplex virus ICP8 is expressed and active in Escherichia coli. Pearson RE, et al. **J Virol** 1985 Feb;53(2):360–5

Interaction with nucleic acids and stimulation of the viral DNA polymerase by the herpes simplex virus type 1 major DNA–binding protein. Ruyechan WT, et al. **J Virol** 1984 Dec;52(3):727–33

Origin binding by a 100,000–dalton super–T antigen from SVT2 cells. Wilson VG, et al. **J Virol** 1985 Oct;56(1):102–9

Competence related proteins in the supernatant of competent cells of Bacillus subtilis. Finn CW Jr, et al. **MGG** 1985; 198(2):329–35

Introduction, stable integration, and controlled expression of a chimeric adenovirus gene whose product is toxic to the recipient human cell. Klessig DF, et al. **Mol Cell Biol** 1984 Jul;4(7):1354–62

Stimulation of expression of a herpes simplex virus DNA–binding protein by two viral functions. Quinlan MP, et al. **Mol Cell Biol** 1985 May;5(5):957–63

Cross–linking studies with the uvrA and uvrB proteins of E. coli. Strike P, et al. **Mutat Res** 1985 Jan–Mar; 145(1–2):43–8

Mutations that alter the DNA sequence specificity of the catabolite gene activator protein of E. coli. Ebright RH, et al. **Nature** 1984 Sep 20–26;311(5983):232–5

Sequence of the bacteriophage SP01 gene coding for transcription factor 1, a viral homologue of the bacterial type II DNA–binding proteins. Greene JR, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7031–5

Dominant negative mutations in the Tn10 tet repressor: evidence for use of the conserved helix–turn–helix motif in DNA binding. Isackson PJ, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6226–30

Deletions within a hinge region of a specific DNA–binding protein. Little JW, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2301–5

Isolation and characterization of the product of the methionine–regulatory gene metJ of Escherichia coli K–12. Smith AA, et al. **Proc Natl Acad Sci USA** 1985 Sep; 82(18):6104–8

Mutations in the herpes simplex virus major DNA–binding protein gene leading to altered sensitivity to DNA polymerase inhibitors. Chiou HC, et al. **Virology** 1985 Sep; 145(2):213–26

In vitro mutagenesis of a putative DNA binding domain of SV40 large–T. Kalderon D, et al. **Virology** 1984 Nov; 139(1):109–37

Construction of human cell lines which contain and express the adenovirus DNA binding protein gene by cotransformation with the HSV–1 tk gene. Klessig DF, et al. **Virus Res** 1984;1(2):169–88

IMMUNOLOGY

Use of monoclonal antibodies for the characterization of novel DNA–binding proteins recognized by human autoimmune sera. Reeves WH. **J Exp Med** 1985 Jan 1; 161(1):18–39

Mammalian single–stranded DNA binding proteins and heterogeneous nuclear RNA proteins have common antigenic determinants. Valentini O, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):337–46

Human adenovirus 2 as immunogen in rabbits yields antisera with high titers of antibodies against the nonstructural 72K DNA–binding protein. Wohlfart C, et al. **Virus Res** 1985 Jul;3(1):77–85

ISOLATION & PURIFICATION

Purification of herpes simplex virus–specified major DNA–binding proteins and detection of antibodies to them in human and rabbit sera. Lehtinen M, et al. **Acta Virol (Praha)** 1984 Nov;28(6):449–56

Searching for proteins and sequences of DNA replication in mammalian cells. Falaschi A, et al. **Adv Exp Med Biol** 1984;179:497–506

Isolation of a protein fraction that binds preferentially to chicken middle repetitive DNA. Sanzo M, et al. **Biochemistry** 1984 Dec 18;23(26):6491–8

Isolation and characterization of a novel nucleic acid binding protein from calf lenses. Kang LY, et al. **Curr Eye Res** 1985 Mar;4(3):199–206

Identification by exonuclease footprinting of a distal promoter–binding protein from HeLa cell extracts. Elbrecht A, et al. **DNA** 1985 Jun;4(3):233–40

Characterization and primary structures of DNA–binding HU–type proteins from Rhizobiaceae. Khanaka H, et al. **Eur J Biochem** 1985 Mar 1;147(2):343–9

A type–II DNA topoisomerase and a catenating protein from the transplantable VX2 carcinoma. Riou GF, et al. **Eur J Biochem** 1985 Feb 1;146(3):483–8

The primary structure of the DNA–binding protein II from Clostridium pasteurianum. Kimura M, et al. **FEBS Lett** 1984 Oct 1;175(2):208–12

The amino acid sequence of a small DNA binding protein from the archaebacterium Sulfolobus solfataricus. Kimura M, et al. **FEBS Lett** 1984 Oct 15;176(1):176–8

Purification and general properties of the DNA–binding protein (P16) from rat liver mitochondria. Pavco PA, et al. **J Cell Biol** 1985 Jan;100(1):258–64

The rat liver mitochondrial DNA–protein complex: displaced single strands of replicative intermediates are protein coated. Van Tuyle GC, et al. **J Cell Biol** 1985 Jan; 100(1):251–7

Isolation and characterization of small heat–stable acid–soluble DNA–binding proteins from Bacillus subtilis nucleoids. Salti V, et al. **J Gen Microbiol** 1985 Mar;131 (Pt 3):581–90

DNA–binding proteins present in varicella–zoster virus–infected cells. Roberts CR, et al. **J Virol** 1985 Jul; 55(1):45–53

DNA–binding protein associated with herpes simplex virus DNA polymerase. Vaughan PJ, et al. **J Virol** 1985 Feb; 53(2):501–8

Isolation and characterization of nucleoid proteins from Escherichia coli. Yamazaki K, et al. **MGG** 1984; 196(2):217–24

DNA–binding proteins of human placenta: purification and characterization of an endonuclease. Premeela T, et al. **Mol Biol Rep** 1984 Dec;10(2):91–7

Expression and characterization of the human c–myc DNA–binding protein. Watt RA, et al. **Mol Cell Biol** 1985 Mar;5(3):448–56

Multiple sequence–specific DNA binding activities are eluted from chicken nuclei at low ionic strengths. Plumb MA, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):4047–65

The precursor complex of Pf3 bacteriophage. Casadevall A, et al. **Virology** 1985 Sep;145(2):260–72

METABOLISM

DNA–binding proteins in replicating and mitotically arrested brain neurons. Kuenzle CC. **Adv Exp Med Biol** 1984; 179:489–95

Proteins from the prokaryotic nucleoid: biochemical and 1H NMR studies on three bacterial histone–like proteins. Lamrsi M, et al. **Adv Exp Med Biol** 1984;179:467–77

Interaction of DNA accessory proteins with DNA polymerase beta of the Novikoff hepatoma. Meyer RR, et al. **Adv Exp Med Biol** 1984;179:355–61

A Z–DNA binding protein isolated from D. radiodurans. Kitayama S, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1294–300

Induction of human HL–60 leukemic cell differentiation by immune interferon is accompanied by an increase in NADase activity and by a decrease in DNA–binding proteins. Borelli TJ, et al. **Biochem Int** 1985 Jul;11(1):61–8

Histones H3 and H2a are homologous to the lambda repressor and cro proteins in 22 residue segments implicated in DNA binding. Magnus KA, et al. **Biochem Int** 1983 Nov; 7(5):557–68

Identification of lysine residues at the binding site of bacteriophage–Pf1 DNA–binding protein. Tsugita A, et al. **Biochem J** 1985 May 15;228(1):193–9

Escherichia coli single–stranded DNA binding protein is mobile on DNA: 1H NMR study of its interaction with oligo– and polynucleotides. Römer R, et al. **Biochemistry** 1984 Dec 4;23(25):6132–7

Isolation of Z-DNA binding proteins from SV40 minichromosomes: evidence for binding to the viral control region. Azorin F, et al. **Cell** 1985 Jun;41(2):365-74

Interaction of specific nuclear factors with the nuclease-hypersensitive region of the chicken adult beta-globin gene: nature of the binding domain. Emerson BM, et al. **Cell** 1985 May;41(1):21-30

Specific DNA binding of GAL4, a positive regulatory protein of yeast. Giniger E, et al. **Cell** 1985 Apr;40(4):767-74

DNA-binding activity is associated with purified myb proteins from AMV and E26 viruses and is temperature-sensitive for E26 ts mutants. Moelling K, et al. **Cell** 1985 Apr;40(4):983-90

Recombination in Saccharomyces cerevisiae: REC-gene mutants and DNA-binding proteins. Esposito MS, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:41-8

Visualization of SSB-ssDNA complexes active in the assembly of stable RecA-DNA filaments. Griffith JD, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:553-9

Inhibition of DNA binding of purified p55v-myc in vitro by antibodies against bacterially expressed myc protein and a synthetic peptide. Bunte T, et al. **EMBO J** 1984 Aug;3(8):1919-24

Site-specific DNA binding by the bacteriophage SP01-encoded type II DNA-binding protein. Greene JR, et al. **EMBO J** 1985 May;4(5):1345-9

Time resolved fluorescence of bacteriophage Pf1 DNA binding protein and its complex with DNA. Greulich KO, et al. **Eur Biophys J** 1985;11(3):195-201

Time-resolved fluorescence of bacteriophage Pf1 DNA-binding protein. Determination of oligonucleotide and polynucleotide binding parameters. Kneale GG, et al. **Eur J Biochem** 1985 May 15;149(1):85-93

Multimeric complexes of differentiation-inducing protein bound to DNA. Weisinger G, et al. **Eur J Cell Biol** 1985 May;37:196-202

Age-dependent changes in the level of a 34 kDa DNA-binding protein in developing chick embryo liver. David E, et al. **FEBS Lett** 1985 Aug 5;187(2):201-4

Affinity of protein HU for different nucleic acids. Holck A, et al. **FEBS Lett** 1985 Jun 3;185(1):121-4

Modulation of gene expression through DNA-binding proteins: is there a regulatory code? Beato M. **Haematol Bluttransfus** 1985;29:217-23

Nucleotide sequence binding specificity of the LexA repressor of Escherichia coli K-12. Wertman KF, et al. **J Bacteriol** 1985 Jul;163(1):376-84

A monoclonal antibody that recognizes the functional domain of Escherichia coli single-stranded DNA binding protein that includes the ssb-113 mutation. Chase JW, et al. **J Biol Chem** 1985 Jun 25;260(12):7214-8

Two binding modes in Escherichia coli single strand binding protein-single stranded DNA complexes. Modulation by NaCl concentration. Lohman TM, et al. **J Biol Chem** 1985 Mar 25;260(6):3594-603

Electrostatic deformation of DNA by a DNA-binding protein. Matthew JB, et al. **J Biol Chem** 1985 May 25;260(10):5860-2

The formation of plectonemic joints by the recA protein of Escherichia coli. Requirement for ATP hydrolysis. Riddles PW, et al. **J Biol Chem** 1985 Jan 10;260(1):170-3

The formation of paranemic and plectonemic joints between DNA molecules by the recA and single-stranded DNA-binding proteins of Escherichia coli. Riddles PW, et al. **J Biol Chem** 1985 Jan 10;260(1):165-9

Interactions between herpes simplex virus DNA-binding proteins. Vaughan PJ, et al. **J Gen Virol** 1984 Nov;55 (Pt 11):2033-41

DNA binding protein profiles in Alzheimer's disease. Wetmur JG, et al. **J Neurol Sci** 1984 Nov-Dec;66(2-3):201-8

An immunoassay for the study of DNA-binding activities of herpes simplex virus protein ICP8. Lee CK, et al. **J Virol** 1985 Jun;54(3):731-8

HBc and HBe antigenicity and DNA-binding activity of major core protein P22 in hepatitis B virus core particles isolated from the cytoplasm of human liver cells. Petit MA, et al. **J Virol** 1985 Feb;53(2):543-51

Site-specific DNA binding of nuclear factor I: analyses of cellular binding sites. Gronostajski RM, et al. **Mol Cell Biol** 1985 May;5(5):964-71

Cell-type-specific contacts to immunoglobulin enhancers in nuclei. Church GM, et al. **Nature** 1985 Feb 28-Mar 6;313(6005):798-801

Control of eukaryotic messenger RNA synthesis by sequence-specific DNA-binding proteins. Dynan WS, et al. **Nature** 1985 Aug 29-Sep 4;316(6031):774-8

High-affinity binding site for a specific nuclear protein in the human IgM gene. Hennighausen L, et al. **Nature** 1985 Mar 21-27;314(6008):289-92

Local protein-DNA interactions may determine nucleosome positions on yeast plasmids. Thoma F, et al. **Nature** 1985 May 16-22;315(6016):250-2

An exonuclease protection assay reveals heat-shock element and TATA box DNA-binding proteins in crude nuclear extracts. Wu C. **Nature** 1985 Sep 5-11;317(6032):84-7

Adenovirus DNA replication in vitro: site-directed mutagenesis of the nuclear factor I binding site of the Ad2 origin. de Vries E, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4935-52

Characterization of a mitochondrial protein binding to single-stranded DNA. Mignotte B, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1703-16

The TGGCA protein binds to the MMTV-LTR, the adenovirus origin of replication, and the BK virus enhancer. Nowock J, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):2045-61

A complex of single-strand binding protein and M13 DNA as hybridization probe. Syvänen AC, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2789-802

A dimer of AraC protein contacts three adjacent major groove regions of the araI DNA site. Hendrickson W, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3129-33

A crystalline view of protein-DNA binding [news] Marx JL. **Science** 1985 Aug 30;229(4716):846-8

The Epstein-Barr virus nuclear antigen (BamHI K antigen) is a single-stranded DNA binding phosphoprotein. Hearing JC, et al. **Virology** 1985 Aug;145(1):105-16

[BD-40, intercalating 9-azaellipticine derivative, induces breaks in cellular DNA associated with protein bridges] Vilarem MJ, et al. **C R Acad Sci [III]** 1984;299(4):69-72 (Eng. Abstr.) (Fre)

PHARMACODYNAMICS

Initiation of DNA replication at the primary origin of bacteriophage T7 by purified proteins. Initiation of bidirectional synthesis. Fuller CW, et al. **J Biol Chem** 1985 Mar 10;260(5):3197-206

PHYSIOLOGY

A repressor (MAT alpha 2 Product) and its operator control expression of a set of cell type specific genes in yeast. Johnson AD, et al. **Cell** 1985 Aug;42(1):237-47

A newly detected class of mammalian single strand-specific DNA-binding proteins. Effects on DNA polymerase alpha-catalyzed DNA synthesis. Sapp M, et al. **J Biol Chem** 1985 Feb 10;260(3):1550-6

Reduction of the minimal sequence for initiation of DNA synthesis by qualitative or quantitative changes of an initiator protein. Dotto GP, et al. **Nature** 1984 Sep 20-26;311(5983):279-80

Recognition of a cytosine base lesion by a human damage-specific DNA binding protein. Carew JA, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):303-15

Molecular polarity in DNA-protein recognition--the case of lambda-repressor-operator system. Wang JH, et al. **Sci Sin [B]** 1985 Mar;28(3):244-9

DNA, CIRCULAR

Identification of pathogenic Leishmania promastigotes by DNA: DNA hybridization with kinetoplast DNA cloned into E. coli plasmids. Lawrie JM, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):257-65

Streptococcus-Escherichia coli shuttle vector pSA3 and its use in the cloning of streptococcal genes. Dao ML, et al. **Appl Environ Microbiol** 1985 Jan;49(1):115-9

Evidence for an interwound form for the superhelix in circular DNA. Brady GW, et al. **Biopolymers** 1984 Dec;23(12):2963-6

Raman spectrum of a closed-circular DNA. Hayashi H, et al. **Biopolymers** 1985 Jun;24(6):1107-11

Twist and writhing in short circular DNAs according to first-order elasticity. Le Bret M. **Biopolymers** 1984 Oct;23(10):1835-67

A topological treatment of recombination and topoisomerases. Cozzarelli NR, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:383-400

The complete 30-base-pair origin region of bacteriophage phi X174 in a plasmid is both required and sufficient for in vivo rolling-circle DNA replication and packaging. Fluit AC, et al. **Eur J Biochem** 1985 Jun 18;149(3):579-84

Mitochondrial DNA in Fusarium oxysporum is a 46.5 kilobase pair circular molecule. Marriott AC, et al. **J Gen Microbiol** 1984 Nov;130 (Pt 11):3001-8

Molecular cloning of human and murine interleukin-2 genes and their expression in various host cells. Fujita T. **J Invest Dermatol** 1985 Jul;85(1 Suppl):180s-182s

A plasmodial alpha-tubulin cDNA from Physarum polycephalum. Nucleotide sequence and comparative analysis. Krämmer G, et al. **J Mol Biol** 1985 Jun 25;183(4):633-8

The KpnI family of long interspersed nucleotide sequences is present on discrete sizes of circular DNA in monkey (BSC-1) cells. Schindler CW, et al. **J Mol Biol** 1985 Jan 20;181(2):161-73

Nuclease digestion of circular TRP1ARS1 chromatin reveals positioned nucleosomes separated by nuclease-sensitive regions. Thoma F, et al. **J Mol Biol** 1984 Aug 25;177(4):715-33

Triple rings: a new type of compact structure of circular DNA. Vengerov YY, et al. **J Mol Biol** 1985 Jul 20;184(2):251-5

Appearance of extrachromosomal circular DNAs during in vivo and in vitro ageing of mammalian cells. Kunisada T, et al. **Mech Ageing Dev** 1985 Jan;29(1):89-99

Amplification of extrachromosomal small circular DNAs in a murine model of accelerated senescence. A brief note. Yamagishi H, et al. **Mech Ageing Dev** 1985 Jan;29(1):101-3

Polymorphisms within minicircle sequence classes in the kinetoplast DNA of Trypanosoma cruzi clones. Macina RA, et al. **Mol Biochem Parasitol** 1985 Jun;16(1):61-74

Presence of a bent helix in fragments of kinetoplast DNA minicircles from several trypanosomatid species. Ntambi JM, et al. **Mol Biochem Parasitol** 1984 Jul;12(3):273-86

Amplification of inter-Alu extrachromosomal DNA during cellular ageing: retraction and explanation. Shmookler Reis RJ, et al. **Nature** 1985 Jul 11-17;316(6024):167

Melting transition of covalently closed DNA with supercoil-induced cruciforms. Majumdar R, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5883-93

Directional cloning of DNA fragments at a large distance from an initial probe: a circularization method. Collins FS, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6812-6

Determination of the stereostructure of the product of Tn3 resolvase by a general method. Wasserman SA, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1079-83

[Restriction map of maxicircle kinetoplastic DNA of Leishmania gymnodactylii] Kolesnikov AA, et al. **Biol Nauki** 1985;(4):23-6 (Eng. Abstr.) (Rus)

[Formation of noncanonical structures in superhelical DNA. Mutual effects of various transitions] Vologodskii AV. **Mol Biol (Mosk)** 1985 May-Jun;19(3):687-92 (Eng. Abstr.) (Rus)

ANALYSIS

Quantification of circular DNA breakage by fluorescence scanning of ethidium bromide-stained horizontal gels: application to the effect of intercalating agents. Malvy C. **Anal Biochem** 1984 Nov 15;143(1):158-62

A gap at a unique location in newly replicated kinetoplast DNA minicircles from Trypanosoma equiperdum. Ntambi JM, et al. **J Biol Chem** 1985 May 10;260(9):5574-9

The physical state of human papillomavirus type 16 DNA in benign and malignant genital tumours. Dürst M, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1515-22

Identification of an enveloped phage, mycoplasma virus L172, that contains a 14-kilobase single-stranded DNA genome. Dybvig K, et al. **J Virol** 1985 Feb;53(2):384-90

Distribution of 'intrastrand annealing' sequences in lambda bacteriophage genome. Yamamoto K, et al. **Jpn J Exp Med** 1984 Dec;54(6):249-53

Kinetoplast DNA from Trypanosoma vivax and T. congolense. Borst P, et al. **Mol Biochem Parasitol** 1985 May;15(2):129-42

Two identical symmetrical regions in the minicircle structure of Trypanosoma lewisi kinetoplast DNA. Ponzi M, et al. **Mol Biochem Parasitol** 1984 Sep;13(1):111-9

Identification of species, strains and clones of Leishmania by characterization of kinetoplast DNA minicircles. Spithill TW, et al. **Mol Biochem Parasitol** 1984 Jun;12(2):217-36

Characterization of cloned human alphoid satellite with an unusual monomeric construction: evidence for enrichment in HeLa small polydisperse circular DNA. Jones RS, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):1027-42

Derivation of a physical map of chloroplast DNA from Nicotiana tabacum by two-dimensional gel and computer-aided restriction analysis. Hildebrand M, et al. **Plasmid** 1985 Jul;14(1):64-79

Transposon-like sequences in extrachromosomal circular DNA from mouse thymocytes. Fujimoto S, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2072-6

L1 sequences in HeLa extrachromosomal circular DNA: evidence for circularization by homologous recombination. Jones RS, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1989-93

[Characterization of enterotoxigenic Escherichia coli of bovine origin by DNA-DNA colony hybridization] Mainil J, et al. **Ann Rech Vet** 1984;15(1):139-44 (Eng. Abstr.) (Fre)

[Physico-chemical characteristics of the DNA of the nuclear polyhedrosis virus of the moth Porthetria dispar L.] Cherepenko EI, et al. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):614-9 (Eng. Abstr.) (Rus)

BIOSYNTHESIS

The circular intracellular form of Epstein-Barr virus DNA is amplified by the virus-associated DNA polymerase. Shaw JE. **J Virol** 1985 Mar;53(3):1012-5

GENETICS

Covalently closed circles of human adenovirus DNA are infectious. Graham FL. **EMBO J** 1984 Dec 1;3(12):2917-22

A 189-bp fragment of Crithidia fasciculata maxicircle DNA confers autonomous replication in Saccharomyces cerevisiae. Kim R, et al. **Gene** 1984 Jul-Aug;29(1-2):103-12

Sequence repetition and genomic distribution of small polydisperse circular DNA purified from HeLa cells. Kunisada T, et al. **Gene** 1984 Nov;31(1-3):213-23

Sequences of six genes and several open reading frames in the kinetoplast maxicircle DNA of Leishmania tarentolae. de la Cruz VF, et al. **J Biol Chem** 1984 Dec 25;259(24):15136-47

Enhanced transcription of fibroin gene in vitro on covalently closed circular templates. Hirose S, et al. **J Biol Chem** 1985 Sep 5;260(19):10557-62

Gapped Minicircles. A novel replication intermediate of kinetoplast DNA. Kitchin PA, et al. **J Biol Chem** 1984 Dec 25;259(24):15532-9

A transcription enhancer acts in vitro over distances of hundreds of base-pairs on both circular and linear templates but not on chromatin-reconstituted DNA. Sergeant A, et al. **J Mol Biol** 1984 Dec 15;180(3):577-600

Antibodies to synthetic peptides defined by cDNA cloning reveal a network of peptidergic neurons in Aplysia. Kreiner T, et al. **J Neurosci** 1984 Oct;4(10):2581–9

Electron microscopic evidence for replication of circular Epstein–Barr virus genomes in latently infected Raji cells. Gussander E, et al. **J Virol** 1984 Nov;52(2):549–56

Inversion and circularization of the varicella–zoster virus genome. Kinchington PR, et al. **J Virol** 1985 Oct; 56(1):194–200

Novel identification of differences in the kinetoplast DNA of Leishmania isolates by recombinant DNA techniques and in situ hybridisation. Kennedy WP.
Mol Biochem Parasitol 1984 Jul;12(3):313–25

Identification of mitochondrial genes in Trypanosoma brucei and homology to cytochrome c oxidase II in two different reading frames. Payne M, et al. **Mol Biochem Parasitol** 1985 May;15(2):159–70

A cDNA clone encoding a product of activated human T lymphocytes. Chang NT, et al. **Mol Biol Med** 1984 Apr; 2(2):151–65

Circular and linear simian virus 40 DNAs differ in recombination. Dorsett D, et al. **Mol Cell Biol** 1985 Apr; 5(4):869–80

Cloning, sequence and expression of two distinct human interleukin–1 complementary DNAs. March CJ, et al.
Nature 1985 Jun 20–26;315(6021):641–7

Interspersed repetitive and tandemly repetitive sequences are differentially represented in extrachromosomal covalently closed circular DNA of human diploid fibroblasts. Riabowol K, et al. **Nucleic Acids Res** 1985 Aug 12; 13(15):5563–84

Kinetoplast DNA minicircles of trypanosomatids encode for a protein product. Shlomai J, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8017–28

In vitro replication of duplex circular DNA containing the simian virus 40 DNA origin site. Wobbe CR, et al.
Proc Natl Acad Sci USA 1985 Sep;82(17):5710–4

[The divergent region of kinetoplast maxi–ring DNA in Crithidia oncopelti contains 2 types of repetitive sequences] Gütter P, et al. **Dokl Akad Nauk SSSR** 1985;281(4):988–90 **(Rus)**

[Establishment of a continuous restringently infected lymphoblastic cell line after transfection of a Vero monolayer culture by the circular DNA of a Papio herpesvirus] Lapin BA, et al. **Dokl Akad Nauk SSSR** 1984; 278(2):472–4 **(Rus)**

[Divergent region of the maxicircle molecule of Crithidia oncopelti kinetoplast DNA contains ARS elements] Maslov DA, et al. **Dokl Akad Nauk SSSR** 1984;277(4):983–6 **(Rus)**

[Detection of intermediates of RNA reverse transcription for mobile dispersed MDG 1 and MDG 3 genes in Drosophila cells] Il'in IuV, et al. **Mol Biol (Mosk)** 1985 Jan–Feb; 19(1):162–72 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Physical properties of a plasmid–like DNA from Euglena gracilis. Cook JR, et al. **Biochim Biophys Acta** 1985 Jan 29;824(1):80–3

Purification of circular DNA using benzoylated naphthoylated DEAE–cellulose. Gamper H, et al. **DNA** 1985 Apr;4(2):157–64

Structure of circular copies of the 412 transposable element present in Drosophila melanogaster tissue culture cells, and isolation of a free 412 long terminal repeat. Shepherd BM, et al. **J Mol Biol** 1984 Nov 25;180(1):21–40

Circular Herpesvirus sylvilagus DNA in spleen cells of experimentally infected cottontail rabbits. Medveczky P, et al. **J Virol** 1984 Nov;52(2):711–4

Isolation of bacterial plasmids by density gradient centrifugation in cesium trifluoroacetate (CsTFA) without the use of ethidium bromide. Andersson K, et al.
Plasmid 1985 Jan;13(1):78–80

Factors affecting the isolation of CCC DNA from Streptomyces lividans and Escherichia coli. Kieser T.
Plasmid 1984 Jul;12(1):19–36

Isolation of in vitro synthesized covalently closed circular double–stranded DNA by selective denaturation and filtration. Shenoy S, et al. **Prep Biochem** 1984–85; 14(5):485–97

The precursor complex of Pf3 bacteriophage. Casadevall A, et al. **Virology** 1985 Sep;145(2):260–72

[Isolation of nonintegrated forms of proviral DNA of oncogenic viruses using preparative electrophoresis] Fedorov SN, et al. **Eksp Onkol** 1984;6(2):39–41 (Eng. Abstr.) **(Rus)**

METABOLISM

Regenerating rat liver topoisomerase II: purification of the enzyme and catenation of DNA rings. Mirambeau G, et al. **Adv Exp Med Biol** 1984;179:423–33

The FLP recombinase of the 2 mu circle DNA of yeast: interaction with its target sequences. Andrews BJ, et al. **Cell** 1985 Apr;40(4):795–803

Relaxation of PvuII recognition sequence. Nasri M, et al. **FEBS Lett** 1985 Jun 3;185(1):101–4

Torus–shaped particles formed due to intermolecular condensation of circular DNA upon interaction with synthetic tripeptide. Vengerov YY, et al. **FEBS Lett** 1985 Jan 21;180(1):81–4

In vitro maturation of circular bacteriophage P2 DNA. Purification of ter components and characterization of the reaction. Bowden DW, et al. **J Biol Chem** 1985 Jun 10; 260(11):6999–7007

Duplex DNA knots produced by Escherichia coli topoisomerase I. Structure and requirements for formation. Dean FB, et al. **J Biol Chem** 1985 Apr 25;260(8):4975–83

The formation of paranemic and plectonemic joints between DNA molecules by the recA and single–stranded DNA–binding proteins of Escherichia coli. Riddles PW, et al. **J Biol Chem** 1985 Jan 10;260(1):165–9

The formation of plectonemic joints by the recA protein of Escherichia coli. Requirement for ATP hydrolysis. Riddles PW, et al. **J Biol Chem** 1985 Jan 10;260(1):170–3

A noninverting genome of a viable herpes simplex virus 1: presence of head–to–tail linkages in packaged genomes and requirements for circularization after infection.
Poffenberger KL, et al. **J Virol** 1985 Feb;53(2):587–95

Interaction of papaverine with covalently closed DNA. Masotti L, et al. **Microbiologica** 1985 Jul;8(3):263–8

Interaction of histone H1 from sea urchin sperm with superhelical and relaxed DNA. Osipova TN, et al.
Mol Biol Rep 1985 Apr;10(3):153–8

[Species specificity of the cleavage of Leishmania kinetoplast DNA by restrictases] Kolesnikov AA, et al.
Med Parazitol (Mosk) 1984 Jul–Aug;(4):37–41 (Eng. Abstr.) **(Rus)**

DNA (CYTOSINE–5–)–METHYLTRANSFERASE see under **METHYLTRANSFERASES**

DNA–DEPENDENT DNA POLYMERASE I see **DNA POLYMERASE I**

DNA–DEPENDENT DNA POLYMERASE II see **DNA POLYMERASE II**

DNA–DEPENDENT DNA POLYMERASES see **DNA POLYMERASES**

DNA–DEPENDENT RNA POLYMERASE I see **RNA POLYMERASE I**

DNA–DEPENDENT RNA POLYMERASE II see **RNA POLYMERASE II**

DNA–DEPENDENT RNA POLYMERASES see **RNA POLYMERASES**

DNA, DOUBLE–STRANDED see **DNA**

DNA, FUNGAL

The yeast nuclear gene NAM2 is essential for mitochondrial DNA integrity and can cure a mitochondrial RNA–maturase deficiency. Labouesse M, et al. **Cell** 1985 May;41(1):133–43

Molecular basis of the 'box effect'. A maturase deficiency leading to the absence of splicing of two introns located in two split genes of yeast mitochondrial DNA. Labouesse M, et al. **Eur J Biochem** 1984 Oct 1;144(1):85–93

The Neurospora mitochondrial genome: the region coding for the polycistronic cytochrome oxidase subunit I transcript is preceded by a transfer RNA gene. de Vries H, et al. **FEBS Lett** 1985 Jan 7;179(2):337–42

Chromatin conformation of yeast centromeres. Bloom KS, et al. **J Cell Biol** 1984 Nov;99(5):1559–68

Mitochondrial DNA in Fusarium oxysporum is a 46.5 kilobase pair circular molecule. Marriott AC, et al.
J Gen Microbiol 1984 Nov;130 (Pt 11):3001–8

Plasmids resembling 2–micrometers DNA in the osmotolerant yeasts Saccharomyces bailii and Saccharomyces bisporus. Toh–e A, et al.
J Gen Microbiol 1984 Oct;130 (Pt 10):2527–34

Site–specific phasing in the chromatin of the rDNA in Dictyostelium discoideum. Edwards CA, et al.
J Mol Biol 1984 Nov 25;180(1):73–90

A plasmodial alpha–tubulin cDNA from Physarum polycephalum. Nucleotide sequence and comparative analysis. Krämmer G, et al. **J Mol Biol** 1985 Jun 25; 183(4):633–8

Psoralen–crosslinking of DNA as a probe for the structure of active nucleolar chromatin. Sogo JM, et al.
J Mol Biol 1984 Oct 5;178(4):897–919

Nuclease digestion of circular TRP1ARS1 chromatin reveals positioned nucleosomes separated by nuclease–sensitive regions. Thoma F, et al. **J Mol Biol** 1984 Aug 25; 177(4):715–33

Cytoplasmic transformation of Saccharomyces cerevisiae using purified mtDNA. Maqueda M, et al. **Microbios** 1984; 41(165–166):205–8

Terminal structures of F2, a linear DNA plasmid from yeast: two different terminal structures in one linear DNA molecule. Kikuchi Y, et al. **Nucleic Acids Symp Ser** 1984; (15):177–80

ANALYSIS

Conspecificity of Hanseniaspora nodinigri and Hanseniaspora vineae: comparison by DNA reassociation. Smith MT, et al. **Antonie Van Leeuwenhoek** 1985;51(2):151–3

Quantitative cytophotometric determination of DNA, RNA and lysine bound protein in relationship to zygote formation and protein synthesis in myxamoebae and swarm cells of Didymium iridis. Yemma JJ, et al. **Cytobios** 1985; 43(171):115–29

Dispersed repetitive DNA sequence of Mucor racemosus. Dewar R, et al. **J Bacteriol** 1985 Apr;162(1):438–40

Phylogenetic relationships among Fusarium species measured by DNA reassociation. Szécsi A, et al. **Mycopathologia** 1985 Feb;89(2):89–94

Genetic distance in fungus genus Fusarium measured by comparative computer analysis of DNA thermal denaturation profiles. Szécsi A, et al. **Mycopathologia** 1985 Feb;89(2):95–100

BIOSYNTHESIS

De novo DNA synthesis by yeast DNA polymerase I associated with primase activity. Plevani P, et al.
Adv Exp Med Biol 1984;179:281–6

Origins of gene conversion and reciprocal exchange in Ascobolus. Rossignol JL, et al.
Cold Spring Harbor Symp Quant Biol 1984;49:13–21

Seminalplasmin, an antimicrobial protein from bull seminal plasma, inhibits growth, and synthesis of nucleic acids and proteins in S. cerevisiae. Scheit KH, et al.
J Biochem (Tokyo) 1985 Feb;97(2):463–71

Protein synthesis and its relation to the DNA–division cycle in the fission yeast Schizosaccharomyces pombe. Creanor J, et al. **J Cell Sci** 1984 Jul;69:199–210

Thiopyronine and 8–methoxypsoralen sensitized photodynamic effect on DNA synthesis in yeast. Lochmann ER, et al. **Radiat Environ Biophys** 1985;24(2):157–60

GENETICS

Synonomy of the yeast genera Hansenula and Pichia demonstrated through comparisons of deoxyribonucleic acid relatedness. Kurtzman CP.
Antonie Van Leeuwenhoek 1984;50(3):209–17

Insertion of a foreign nucleotide sequence into mitochondrial DNA causes senescence in Neurospora intermedia. Bertrand H, et al. **Cell** 1985 Jul;41(3):877–84

An intron–encoded protein is active in a gene conversion process that spreads an intron into a mitochondrial gene. Jacquier A, et al. **Cell** 1985 Jun;41(2):383–94

Transposition of an intron in yeast mitochondria requires a protein encoded by that intron. Macreadie IG, et al. **Cell** 1985 Jun;41(2):395–402

A repetitive DNA sequence that confers cell–cycle START (CDC28)–dependent transcription of the HO gene in yeast. Nasmyth K. **Cell** 1985 Aug;42(1):225–35

Involvement of double–strand chromosomal breaks for mating–type switching in Saccharomyces cerevisiae. Klar AJ, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:77–88

Homologous pairing promoted by Ustilago RecI protein. Kmiec E, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:675–82

Components of the site–specific recombination system encoded by the yeast plasmid 2–micron circle. McLeod M, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:779–87

Site–specific genetic recombination promoted by the FLP protein of the yeast 2–micron plasmid in vitro. Meyer–Leon L, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:797–804

Changes in the chromosomal DNA of yeast during meiosis in repair mutants and the possible role of a deoxyribonuclease. Resnick MA, et al.
Cold Spring Harbor Symp Quant Biol 1984;49:639–49

Double–strand–break repair, gene conversion, and postdivision segregation. Rothstein R.
Cold Spring Harbor Symp Quant Biol 1984;49:629–37

In vitro systems for genetic recombination of the DNAs of bacteriophage T7 and yeast 2–micron circle. Sadowski PD, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:789–96

Genetic recombination catalyzed by cell–free extracts of Saccharomyces cerevisiae. Symington LS, et al.
Cold Spring Harbor Symp Quant Biol 1984;49:805–14

Kinetics and intermediates of yeast mitochondrial DNA recombination. Zinn AR, et al.
Cold Spring Harbor Symp Quant Biol 1984;49:115–21

Hairpin plasmid—a novel linear DNA of perfect hairpin structure. Kikuchi Y, et al. **EMBO J** 1985 Jul;4(7):1881–6

Role of conserved sequence elements in yeast centromere DNA. Panzeri L, et al. **EMBO J** 1985 Jul;4(7):1867–74

Plasmids pEMBLY: new single–stranded shuttle vectors for the recovery and analysis of yeast DNA sequences. Baldari C, et al. **Gene** 1985;35(1–2):27–32

The nucleotide sequence of the yeast ARG4 gene. Beacham IR, et al. **Gene** 1984 Sep;29(3):271–9

Cloning gene ura5 for the orotidylic acid pyrophosphorylase of the filamentous fungus Podospora anserina: transformation of protoplasts. Bégueret J, et al. **Gene** 1984 Dec;32(3):487–92

Two modules from the hypersuppressive rho– mitochondrial DNA are required for plasmid replication in yeast. Blanc H. **Gene** 1984 Oct;30(1–3):47–61

The ori sequences of the mitochondrial genome of a wild–type yeast strain: number, location, orientation and structure. de Zamaroczy M, et al. **Gene** 1984 Dec 32(3):439–57

A comparative study of the ori sequences from the mitochondrial genomes of twenty wild–type yeast strains. Faugeron–Fonty G, et al. **Gene** 1984 Dec;32(3):459–73

Cloning of the CDC7 gene of Saccharomyces cerevisiae association with centromeric DNA. Meddle CC, et al. **Gene** 1985;34(2-3):179-86

Molecular cloning of the phenylalanine ammonia lyase gene from Rhodosporidium toruloides in Escherichia coli K-12. Gilbert HJ, et al. **J Bacteriol** 1985 Jan;161(1):314-20

Inversions in mitochondrial DNA of a petite mutant of yeast. Wakabayashi K, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1559-64

Structural organization of a hypermethylated nuclear DNA component in Physarum polycephalum. Peoples OP, et al. **J Gen Microbiol** 1985 May;131 (Pt 5):1157-65

Replicating instabilities in yeast: occurrence in different mutational systems. Nasim A, et al. **MGG** 1985;199(1):152-3

Deletion mutations affecting autonomously replicating sequence ARS1 of Saccharomyces cerevisiae. Celniker SE, et al. **Mol Cell Biol** 1984 Nov;4(11):2455-66

Micronuclear DNA of Oxytricha nova contains sequences with autonomously replicating activity in Saccharomyces cerevisiae. Colombo MM, et al. **Mol Cell Biol** 1984 Sep;4(9):1725-9

Expression of the Escherichia coli dam methylase in Saccharomyces cerevisiae: effect of in vivo adenine methylation on genetic recombination and mutation. Hoekstra MF, et al. **Mol Cell Biol** 1985 Apr;5(4):610-8

Rearrangements of highly polymorphic regions near telomeres of Saccharomyces cerevisiae. Horowitz H, et al. **Mol Cell Biol** 1984 Nov;4(11):2509-17

Specific transcripts are elevated in Saccharomyces cerevisiae in response to DNA damage. McClanahan T, et al. **Mol Cell Biol** 1984 Nov;4(11):2356-63

Gene disruption by transformation in Neurospora crassa. Paietta JV, et al. **Mol Cell Biol** 1985 Jul;5(7):1554-9

DNase I-hypersensitive sites in the galactose gene cluster of Saccharomyces cerevisiae. Proffitt JH. **Mol Cell Biol** 1985 Jun;5(6):1522-4

Isolation and characterization of the SPT2 gene, a negative regulator of Ty-controlled yeast gene expression. Roeder GS, et al. **Mol Cell Biol** 1985 Jul;5(7):1543-53

Effect of ARS1 mutations on chromosome stability in Saccharomyces cerevisiae. Srienc F, et al. **Mol Cell Biol** 1985 Jul;5(7):1676-84

DNA-DNA and DNA-protein crosslinking and repair in Neurospora crassa following exposure to nitrogen mustard. Baker JM, et al. **Mutat Res** 1984 Nov-Dec;132(5-6):171-9

Analysis of replication of DEB-alkylated DNA in yeast: bypass replication in a rad3 mutant of Saccharomyces cerevisiae. Lecka-Czernik B, et al. **Mutat Res** 1984 Nov-Dec;132(5-6):161-9

Identification and comparison of two sequence elements that confer cell-type specific transcription in yeast. Miller AM, et al. **Nature** 1985 Apr 18-24;314(6012):598-603

Correlation between suppressed meiotic recombination and the lack of DNA strand-breaks in the rRNA genes of Saccharomyces cerevisiae. Høgset A, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7199-213

Subtelomeric regions of yeast chromosomes contain a 36 base-pair tandemly repeated sequence. Horowitz H, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7105-21

The linear extrachromosomal DNA of Physarum polycephalum replicates and is maintained under non-selective conditions in two different lower eukaryotes. Künzler P. **Nucleic Acids Res** 1985 Mar 25;13(6):1855-69

A comparison of yeast ribosomal protein gene DNA sequences. Teem JL, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8295-312

Interaction between mitochondrial genes in yeast: evidence for novel box effect(s). Hensgens LA, et al. **Plasmid** 1984 Jul;12(1):41-51

Nucleotide sequence of a yeast Ty element: evidence for an unusual mechanism of gene expression. Clare J, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2829-33

Yeast mitochondrial genomes consisting of only A.T base pairs replicate and exhibit suppressiveness. Fangman WL, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7156-60

Two-micrometer circle site-specific recombination: the minimal substrate and the possible role of flanking sequences. Jayaram M. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5875-9

ISOLATION & PURIFICATION

Isolation of a DNA fragment that is expressed as an amber suppressor when present in high copy number in yeast. Calderon IL, et al. **Gene** 1984 Jul-Aug;29(1-2):69-76

Isolation and characterization of the RNA2+, RNA4+, and RNA11+ genes of Saccharomyces cerevisiae. Soltyk A, et al. **J Bacteriol** 1984 Dec;160(3):1093-100

METABOLISM

The FLP recombinase of the 2 mu circle DNA of yeast: interaction with its target sequences. Andrews BJ, et al. **Cell** 1985 Apr;40(4):795-803

CDC17: an essential gene that prevents telomere elongation in yeast. Carson MJ, et al. **Cell** 1985 Aug;42(1):249-57

Specific DNA binding of GAL4, a positive regulatory protein of yeast. Giniger E, et al. **Cell** 1985 Apr;40(4):767-74

Recombination in Saccharomyces cerevisiae: REC-gene mutants and DNA-binding proteins. Esposito MS, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:41-8

Identification of the polypeptide encoded by the URF-1 gene of Neurospora crassa mtDNA. Zauner R, et al. **Eur J Biochem** 1985 Aug 1;150(3):447-54

'Red pigment' from ADE-2 mutants of S. cerevisiae prevents DNA cleavage by restriction endonucleases. Meškauskas A, et al. **FEBS Lett** 1985 Mar 25;182(2):413-4

Nucleotide sequence involved in the replication of cloned yeast mitochondrial DNA. Wakabayashi K, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):171-7

Evaluation of heterologous ARS activity in S. cerevisiae using cloned DNA from S. pombe. Maundrell K, et al. **Nucleic Acids Res** 1985 May 24;13(10):3711-22

[Structural characteristics and availability of DNA for solvent molecules in nuclei of Physarum polycephalum] Agranovich IM, et al. **Mol Biol (Mosk)** 1985 May-Jun;19(3):717-21 (Eng. Abstr.) **(Rus)**

[Simulation of the effects of radiation injury of DNA and genetic hazards of radionuclide decay. Dehydration of purine nucleotides during decay of an incorporated tritium] Korolev VG, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):659-62 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Split-dose recovery is due to the repair of DNA double-strand breaks. Frankenberg D, et al. **Int J Radiat Biol** 1984 Nov;46(5):541-53

Repair of DNA single-strand breaks in X-irradiated yeast. I. Use of the DNA-unwinding method to measure DNA strand breaks. Ogorek B, et al. **Mutat Res** 1985 Jul;146(1):55-61

Repair of DNA single-strand breaks in X-irradiated yeast. II. Kinetics of repair as measured by the DNA-unwinding method. Ogorek B, et al. **Mutat Res** 1985 Jul;146(1):63-70

DNA GYRASE

DNA gyrase and its complexes with DNA: direct observation by electron microscopy. Kirchhausen T, et al. **Cell** 1985 Jul;41(3):933-43

A topological treatment of recombination and topoisomerases. Cozzarelli NR, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:383-400

Nonhomologous recombination mediated by Escherichia coli DNA gyrase: possible involvement of DNA replication. Ikeda H, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:401-9

ANTAGONISTS & INHIBITORS

Structure-activity relationships among DNA-gyrase inhibitors. Synthesis and antimicrobial evaluation of chromones and coumarins related to oxolinic acid. Högberg T, et al. **Acta Chem Scand [B]** 1984;38(5):359-66

Inhibition of postreplication recombinational repair by DNA-gyrase antagonists in Escherichia coli. Priel E. **Cell Biol Int Rep** 1984 Sep;8(9):773-86

Intraphagocytic bactericidal activity of bacterial DNA gyrase inhibitors against Serratia marcescens. Traub WH. **Chemotherapy** 1984;30(6):379-86

Effect of DNA gyrase inactivation on RNA synthesis in Escherichia coli. Wahle E, et al. **J Bacteriol** 1985 Apr;162(1):458-60

Nonintercalative antitumor drugs interfere with the breakage-reunion reaction of mammalian DNA topoisomerase II. Chen GL, et al. **J Biol Chem** 1984 Nov 10;259(21):13560-6

Mapping of DNA gyrase cleavage sites in vivo oxolinic acid induced cleavages in plasmid pBR322. O'Connor MB, et al. **J Mol Biol** 1985 Feb 20;181(4):545-50

Mechanism of inhibition of DNA gyrase by analogues of nalidixic acid: the target of the drugs is DNA. Shen LL, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):307-11

[In vitro activity of seven gyrase inhibitors of a group of heterocyclic carbonic acids against nonfermenting gram negative rods (nonfermenters)] Grimm H. **Arzneimittelforsch** 1985;35(3):570-2 (Eng. Abstr.) **(Ger)**

[Mode of action and mechanisms of resistance of gyrase inhibitors] Dickgiesser N. **Immun Infekt** 1984 Nov;12(6):298-302 (Eng. Abstr.) **(Ger)**

[Gyrase inhibitors] **Med Monatsschr Pharm** 1985 Apr;8(4):98-100 **(Ger)**

[Effect of bacterial DNA gyrase inhibitors on the radiosensitivity of thymocytes and on the utilization of exogenous adenine in these cells] Kuznetsova EV, et al. **Radiobiologiia** 1985 Jul-Aug;25(4):457-61 (Eng. Abstr.) **(Rus)**

[A new generation of broad-spectrum antibacterial chemotherapeutic agents belonging to the group of DNA gyrase inhibitors (derived from pyridine carboxylic acid or quinolines)] Roy C. **Med Clin (Barc)** 1985 Jan 26;84(3):106-8 **(Spa)**

GENETICS

Expression of silent genes: possible interaction between DNA gyrase and RNA polymerase. Ephrati-Elizur E, et al. **Adv Exp Med Biol** 1984;179:435-40

The genetic control of DNA supercoiling in Salmonella typhimurium. Richardson SM, et al. **EMBO J** 1984 Aug;3(8):1745-52

Genetic and physical organization of the cloned gyrA and gyrB genes of Bacillus subtilis. Lampe MF, et al. **J Bacteriol** 1985 Apr;162(1):78-84

Preferential inhibition of plasmid replication in vivo by altered DNA gyrase activity in Escherichia coli. Uhlin BE, et al. **J Bacteriol** 1985 May;162(2):855-7

Native supercoiling of DNA: the effects of DNA gyrase and omega protein in E. coli. Mirkin SM, et al. **MGG** 1984;196(3):508-12

DNA topoisomerases in eukaryotes [letter] Saavedra RA, et al. **Nature** 1985 Sep 5-11;317(6032):22

Structure and function of the region of the replication origin of the Bacillus subtilis chromosome. IV. Transcription of the oriC region and expression of DNA gyrase genes and other open reading frames. Ogasawara N, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2267-79

ISOLATION & PURIFICATION

Regenerating rat liver topoisomerase II: purification of the enzyme and catenation of DNA rings. Mirambeau G, et al. **Adv Exp Med Biol** 1984;179:423-33

A type-II DNA topoisomerase and a catenating protein from the transplantable VX2 carcinoma. Riou GF, et al. **Eur J Biochem** 1985 Feb 1;146(3):483-8

Purification and characterization of a type II DNA topoisomerase from bovine calf thymus. Halligan BD, et al. **J Biol Chem** 1985 Feb 25;260(4):2475-82

METABOLISM

Escherichia coli DNA gyrase. Orr E, et al. **Adv Exp Med Biol** 1984;179:395-407

Genetic expression and gyrase dependence of methylated and undermethylated DNA in Escherichia coli. Gomez-Eichelmann MC, et al. **Biochim Biophys Acta** 1985 Jul 24;825(3):335-8

The spacing of Escherichia coli DNA gyrase sites cleaved in vivo by treatment with oxolinic acid and sodium dodecyl sulfate. Béjar S, et al. **Biochimie** 1984 Nov-Dec;66(11-12):693-700

Role of topoisomerase II in mediating epipodophyllotoxin-induced DNA cleavage. Ross W, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5857-60

DNA topoisomerase II is required at the time of mitosis in yeast. Holm C, et al. **Cell** 1985 Jun;41(2):553-63

Novel partitioning of DNA cleavage sites for Drosophila topoisomerase II. Udvardy A, et al. **Cell** 1985 Apr;40(4):933-41

In vivo mapping of DNA topoisomerase II-specific cleavage sites on SV40 chromatin. Yang L, et al. **Cell** 1985 May;41(1):127-32

Formation of covalently closed heteroduplex DNA by the combined action of gyrase and RecA protein. Cassuto E. **EMBO J** 1984 Sep;3(9):2159-64

DNA topoisomerase I and II activities during cell proliferation and the cell cycle in cultured mouse embryo fibroblast (C3H 10T1/2) cells. Tricoli JV, et al. **Exp Cell Res** 1985 May;158(1):1-14

The DNA dependence of the ATPase activity of DNA gyrase. Maxwell A, et al. **J Biol Chem** 1984 Dec 10;259(23):14472-80

Sites of reaction of Escherichia coli DNA gyrase on pBR322 in vivo as revealed by oxolinic acid-induced plasmid linearization. Lockshon D, et al. **J Mol Biol** 1985 Jan 5;181(1):63-74

Involvement of DNA gyrase in bacteriophage T7 growth. Steck TR, et al. **J Virol** 1985 Jan;53(1):296-8

Mechanism of illegitimate recombination: common sites for recombination and cleavage mediated by E. coli DNA gyrase. Ikeda H, et al. **MGG** 1984;196(3):546-9

Drosophila topoisomerase II double-strand DNA cleavage: analysis of DNA sequence homology at the cleavage site. Sander M, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1057-72

PHYSIOLOGY

DNA topoisomerases. Wang JC. **Annu Rev Biochem** 1985;54:665-97 (313 ref.)

Involvement of DNA superhelicity in minichromosome maintenance in Escherichia coli. Leonard AC, et al. **J Bacteriol** 1985 Feb;161(2):687-95

DNA HELIX DESTABILIZING PROTEINS see DNA BINDING PROTEINS

DNA INSERTION ELEMENTS

see related

DNA, RECOMBINANT

Movable DNA sequences. Rakowicz-Szulczynska EM. **Acta Anthropogenet** 1983;7(4):265-81 (89 ref.)

Transpositional recombination in prokaryotes. Grindley ND, et al. **Annu Rev Biochem** 1985;54:863-96 (118 ref.)

The evolutionary implications of mobile genetic elements. Syvanen M. **Annu Rev Genet** 1984;18:271-93 (109 ref.)

Transposon-mediated multiple antibiotic resistance in Acinetobacter strains. Devaud M, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):323-9

Resistance to various tetracyclines mediated by transposon Tn10 in Escherichia coli K-12. Traub B, et al. **Antimicrob Agents Chemother** 1985 May;27(5):879-81

Mechanisms of transposition in bacteria. Berg DE. **Basic Life Sci** 1985;30:33-44

Insertion of transcriptional elements outside the replication region can interfere with replication, maintenance, and stability of ColE1-derived plasmids. Bujard H, et al. **Basic Life Sci** 1985;30:45-52

Studies on the transposition of IS1. Chandler M, et al. **Basic Life Sci** 1985;30:53–77

On the transposition and evolution of Tn1721 and its relatives. Schmitt R, et al. **Basic Life Sci** 1985;30:79–91

Report on a workshop: structure and function. Schmitt R. **Basic Life Sci** 1985;30:17–9

Long interspersed sequences in mammalian DNA. Properties of newly identified specimens. Rogers JH. **Biochim Biophys Acta** 1985 Feb 20;824(2):113–20

The Philadelphia (Ph) chromosome in leukemia. I. A new mechanism due to interstitial deletion and insertion in chronic myelocytic leukemia. Hecht F, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1–2):3–10

Retroviruses and retrotransposons: the role of reverse transcription in shaping the eukaryotic genome. Baltimore D. **Cell** 1985 Mar;40(3):481–2 (34 ref.)

Insertion of a foreign nucleotide sequence into mitochondrial DNA causes senescence in Neurospora intermedia. Bertrand H, et al. **Cell** 1985 Jul;41(3):877–84

Ty elements transpose through an RNA intermediate. Boeke JD, et al. **Cell** 1985 Mar;40(3):491–500

A truncated form of the bacteriophage Mu B protein promotes conservative integration, but not replicative transposition, of Mu DNA. Chaconas G, et al. **Cell** 1985 Jul;41(3):857–65

E. coli integration host factor binds to specific sites in DNA. Craig NL, et al. **Cell** 1984 Dec;39(3 Pt 2):707–16

Mechanism of transposition of bacteriophage Mu: structure of a transposition intermediate. Craigie R, et al. **Cell** 1985 Jul;41(3):867–76

Barbara McClintock's controlling elements: now at the DNA level. Döring HP, et al. **Cell** 1984 Dec;39(2 Pt 1):253–9

Ty element transposition: reverse transcriptase and virus-like particles. Garfinkel DJ, et al. **Cell** 1985 Sep;42(2):507–17

A 43 kilobase cosmid P transposon rescues the fs(1)K10 morphogenetic locus and three adjacent Drosophila developmental mutants. Haenlin M, et al. **Cell** 1985 Apr;40(4):827–37

tnpM: a novel regulatory gene that enhances Tn21 transposition and suppresses cointegrate resolution. Hyde DR, et al. **Cell** 1985 Sep;42(2):629–38

An insertion within a variably spliced Drosophila tropomyosin gene blocks accumulation of only one encoded isoform. Karlik CC, et al. **Cell** 1985 May;41(1):57–66

Transposase promotes double strand breaks and single strand joints at Tn10 termini in vivo. Morisato D, et al. **Cell** 1984 Nov;39(1):181–90

Correction: nucleotide sequence of Ac [letter] Pohlman RF, et al. **Cell** 1984 Dec;39(2 Pt 1):417

Structure and nucleotide sequence of the putative mammary oncogene int-1; proviral insertions leave the protein-encoding domain intact. van Ooyen A, et al. **Cell** 1984 Nov;39(1):233–40

The SPT3 gene is required for normal transcription of Ty elements in S. cerevisiae. Winston F, et al. **Cell** 1984 Dec;39(3 Pt 2):675–82

Pachytene chromosomes in male and female mice heterozygous for the Is(7;1)40H insertion. Mahadevaiah S, et al. **Chromosoma** 1984;90(3):163–9

Transposon Tn5: specific sequence recognition and conservative transposition. Berg DE, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:215–26

Transposition of bacteriophage mu DNA: expression of the A and B proteins from lambda pL and analysis of infecting mu DNA. Chaconas G, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:279–84

Transposable elements Ac and Ds at the shrunken, waxy, and alcohol dehydrogenase 1 loci in Zea mays L. Courage U, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:329–38

Endogenous transposable elements associated with virus infection in maize. Dellaporta SL, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:321–8

Isolation of Spm controlling elements from maize. Fedoroff N, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:339–45

Nonreplicative DNA transposition: integration of infecting bacteriophage mu. Harshey RM. **Cold Spring Harbor Symp Quant Biol** 1984;49:273–8

Functional difference of the two ends of insertion sequence IS1 in transposition and cointegration. Ishizaki K, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:207–13

Involvement of double-strand chromosomal breaks for mating-type switching in Saccharomyces cerevisiae. Klar AJ, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:77–88

Mechanism and regulation of Tn10 transposition. Kleckner N, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:235–44

On the mu repressor and early DNA intermediates of transposition. Krause HM, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:827–34

Host functions in amplification/deamplification of Tn9 in Escherichia coli K-12: a new model for amplification. Mahajan SK, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:443–51

The mechanism of transposition of bacteriophage mu. Mizuuchi K, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:835–9

Insertion and excision of Ds controlling elements in maize. Peacock WJ, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:347–54

Origin of cryptic lambda prophages in Escherichia coli K-12. Redfield RJ, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:199–206

Resolvase-mediated recombination intermediates contain a serine residue covalently linked to DNA. Reed RR, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:245–9

Transposable elements in Antirrhinum majus and Zea mays. Saedler H, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:355–61

Site-specific recombination in transposition and plasmid stability. Sherratt D, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:227–33

Replicative and conservative transpositional recombination of insertion sequences. Weinert TA, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:251–60

Disruption and activation of the c-myb locus by M-MULV insertion in plasmacytoid lymphosarcomas induced by pristane and Abelson viruses. Shen-Ong GL, et al. **Curr Top Microbiol Immunol** 1984;113:41–6

Amplification and stability of recombinant plasmid molecules with a very large insert of foreign genetic material. Darai G, et al. **Dev Biol Stand** 1985;59:23–9

Type 1 (insulin-dependent) diabetes and a highly variable locus close to the insulin gene on chromosome 11. Hitman GA, et al. **Diabetologia** 1985 Apr;28(4):218–22

Transposition and transposition immunity of transposon Tn3 derivatives having different ends. Arthur A, et al. **EMBO J** 1984 Aug;3(8):1723–9

Nucleotide sequence of the prokaryotic mobile genetic element IS30. Dalrymple B, et al. **EMBO J** 1984 Sep;3(9):2145–9

A low copy number, copia-like transposon in maize. Johns MA, et al. **EMBO J** 1985 May;4(5):1093–102

Protein fusions with the kanamycin resistance gene from transposon Tn5. Reiss B, et al. **EMBO J** 1984 Dec 20;3(13):3317–22

A Tn3 lacZ transposon for the random generation of beta-galactosidase gene fusions: application to the analysis of gene expression in Agrobacterium. Stachel SE, et al. **EMBO J** 1985 Apr;4(4):891–8

A deletion adjacent to the maize transposable element Mu-1 accompanies loss of Adh1 expression. Taylor LP, et al. **EMBO J** 1985 Apr;4(4):869–76

Close structural resemblance between putative polymerase of a Drosophila transposable genetic element 17.6 and pol gene product of Moloney murine leukaemia virus. Toh H, et al. **EMBO J** 1985 May;4(5):1267–72

Mobile genetic elements in animal cells and their biological significance. Georgiev GP. **Eur J Biochem** 1984 Dec 3;145(2):203–20 (80 ref.)

F plasmid pif region: Tn1725 mutagenesis and polypeptide analysis. Cram HK, et al. **Gene** 1984 Dec;32(1–2):251–4

The transposon Tn5 carries a bleomycin-resistance determinant. Genilloud O, et al. **Gene** 1984 Dec;32(1–2):225–33

Regulation of Mu transposition. I. Localization of the presumed recognition sites for HimD and Ner functions controlling bacteriophage Mu transcription. Goosen N, et al. **Gene** 1984 Oct;30(1–3):41–6

Specificity of Tn5 insertions into a 36-bp DNA sequence repeated in tandem seven times. Lupski JR, et al. **Gene** 1984 Oct;30(1–3):99–106

Cointegrates carrying two copies of a Tn3 derivative in an inverted orientation. McCormick M, et al. **Gene** 1985;34(2–3):197–206

IS4 transposition in the attenuator region of the Escherichia coli pheS,T operon. Mayaux JF, et al. **Gene** 1984 Oct;30(1–3):137–46

IS50-mediated inverse transposition: specificity and precision. Nag DK, et al. **Gene** 1985;34(1):17–26

A technique for integrating any DNA fragment into the chromosome of Escherichia coli. Raibaud O, et al. **Gene** 1984 Jul–Aug;29(1–2):231–41

Transposon insertion mutagenesis of Pseudomonas aeruginosa with a Tn5 derivative: application to physical mapping of the arc gene cluster. Rella M, et al. **Gene** 1985;33(3):293–303

Kinetics of Tn5 transposition. Rossetti OL, et al. **Gene** 1984 Dec;32(1–2):91–8

New shuttle vectors for Bacillus subtilis and Escherichia coli which allow rapid detection of inserted fragments. Sullivan MA, et al. **Gene** 1984 Jul–Aug;29(1–2):21–6

Nucleotide sequence of the transposable element IS15. Trieu-Cuot P, et al. **Gene** 1984 Oct;30(1–3):113–20

New Tn10 derivatives for transposon mutagenesis and for construction of lacZ operon fusions by transposition. Way JC, et al. **Gene** 1984 Dec;32(3):369–79

The coding region of the human c-mos pseudogene contains Alu repeat insertions. Zabarovsky ER, et al. **Gene** 1984 Oct;30(1–3):107–11

Hybrid dysgenesis in Drosophila melanogaster: the evolution of mixed P and M populations maintained at high temperature. Kiyasu PK, et al. **Genet Res** 1984 Dec;44(3):251–9

Mechanism of IS1 transposition in E. coli: choice between simple insertion and cointegration. Biel SW, et al. **Genetics** 1984 Oct;108(2):319–30

Dysgenesis-induced instability of rosy locus transformation in Drosophila melanogaster: analysis of excision events and the selective recovery of control element deletions. Daniels SB, et al. **Genetics** 1985 Jan;109(1):95–117

Evolution and extinction of transposable elements in Mendelian populations. Kaplan N, et al. **Genetics** 1985 Feb;109(2):459–80

Mismatch repair mutations of Escherichia coli K12 enhance transposon excision. Lundblad V, et al. **Genetics** 1985 Jan;109(1):3–19

Spontaneous unstable unc-22 IV mutations in C. elegans var. Bergerac. Moerman DG, et al. **Genetics** 1984 Dec;108(4):859–77

A model of duplicative transposition and gene conversion for repetitive DNA families. Ohta T. **Genetics** 1985 Jul;110(3):513–24

Genetic differentiation of transposable elements under mutation and unbiased gene conversion. Slatkin M. **Genetics** 1985 May;110(1):145–58

A conjugative transposon (Tn919) in Streptococcus sanguis. Fitzgerald GF, et al. **Infect Immun** 1985 Feb;47(2):415–20

Transposable elements in eukaryotes. Finnegan DJ. **Int Rev Cytol** 1985;93:281–326 (240 ref.)

Synthesis, export, and assembly of Aeromonas salmonicida A-layer analyzed by transposon mutagenesis. Belland RJ, et al. **J Bacteriol** 1985 Sep;163(3):877–81

Recombination in recA cells between direct repeats of insertion element IS1. Braedt G. **J Bacteriol** 1985 May;162(2):529–34

Identification of additional genes on transposon Tn10: tetC and tetD. Braus G, et al. **J Bacteriol** 1984 Nov;160(2):504–9

Transposable lambda placMu bacteriophages for creating lacZ operon fusions and kanamycin resistance insertions in Escherichia coli. Bremer E, et al. **J Bacteriol** 1985 Jun;162(3):1092–9

Isolation and characterization of transposon Tn5-induced symbiotic mutants of Rhizobium loti. Chua KY, et al. **J Bacteriol** 1985 Apr;162(1):335–43

Streptococcus faecalis sex pheromone (cAM373) also produced by Staphylococcus aureus and identification of a conjugative transposon (Tn918). Clewell DB, et al. **J Bacteriol** 1985 Jun;162(3):1212–20

Composite IS1 elements encoding hydroxamate-mediated iron uptake in FIme plasmids from epidemic Salmonella spp. Colonna B, et al. **J Bacteriol** 1985 Apr;162(1):307–16

Mu-lac insertion-directed mutagenesis in a pectate lyase gene of Erwinia chrysanthemi. Diolez A, et al. **J Bacteriol** 1985 Sep;163(3):913–7

Transposon mutagenesis and cloning analysis of the pathways for degradation of 2,4-dichlorophenoxyacetic acid and 3-chlorobenzoate in Alcaligenes eutrophus JMP134(pJP4). Don RH, et al. **J Bacteriol** 1985 Jan;161(1):85–90

Vector insertion mutagenesis of Rhizobium sp. strain ORS571: direct cloning of mutagenized DNA sequences. Donald RG, et al. **J Bacteriol** 1985 Apr;162(1):317–23

Genetic analysis of the low calcium response in Yersinia pestis mu d1(Ap lac) insertion mutants. Goguen JD, et al. **J Bacteriol** 1984 Dec;160(3):842–8

Transposon mutagenesis analysis of meta-cleavage pathway operon genes of the TOL plasmid of Pseudomonas putida mt-2. Harayama S, et al. **J Bacteriol** 1984 Oct;160(1):251–5

Spontaneous deletion of citrate-utilizing ability promoted by insertion sequences. Ishiguro N, et al. **J Bacteriol** 1984 Nov;160(2):642–50

Broad-host-range plasmid pRK340 delivers Tn5 into the Legionella pneumophila chromosome. Keen MG, et al. **J Bacteriol** 1985 Jun;162(3):1332–5

Isolation of a novel transposon which carries the Escherichia coli enterotoxin STII gene. Lee CH, et al. **J Bacteriol** 1985 May;162(2):615–20

Isolation of transposon Tn551 insertions near chromosomal markers of interest in Staphylococcus aureus. Luchansky JB, et al. **J Bacteriol** 1984 Sep;159(3):894–9

Organization of the Tn6-related kanamycin resistance transposon Tn2680 carrying two copies of IS26 and an IS903 variant, IS903. B. Mollet B, et al. **J Bacteriol** 1985 Jul;163(1):55–60

Suicide vector for transposon mutagenesis in Pseudomonas solanacearum. Morales VM, et al. **J Bacteriol** 1985 Sep;163(3):1263–4

Isolation of transformation-deficient Streptococcus pneumoniae mutants defective in control of competence, using insertion-duplication mutagenesis with the erythromycin resistance determinant of pAM beta 1. Morrison DA, et al. **J Bacteriol** 1984 Sep;159(3):870–6

Structural and functional analyses of the fosfomycin resistance transposon Tn2921. Navas J, et al. **J Bacteriol** 1985 Jun;162(3):1061–7

Aerobactin iron uptake sequences in plasmid ColV-K30 are flanked by inverted IS1-like elements and replication regions. Perez-Casal JF, et al. **J Bacteriol** 1984 Oct;160(1):256–65

recA-independent recombination between repeated IS50 elements is not caused by an IS50-encoded function. Phadnis SH, et al. **J Bacteriol** 1985 Mar;161(3):928–32

High incidence of transposon Tn3 insertions into a replication control gene of the chimeric R/Ent plasmid pCG86 of Escherichia coli. Picken RN, et al. **J Bacteriol** 1984 Oct;160(1):430–3

Transposon Tn10 contains two structural genes with opposite polarity between tetA and IS10R. Schollmeier K, et al. **J Bacteriol** 1984 Nov;160(2):499–503

Mapping of transfer regions within incompatibility group HI plasmid R27. Taylor DE, et al. **J Bacteriol** 1985 Jun;162(3):1221–6

Insertion element IS121 is near proA in the chromosome of Escherichia coli K-12 strains. Timmons MS, et al. **J Bacteriol** 1984 Dec;160(3):1175-7

Conjugal transfer of bacterial chromosomes mediated by the RK2 plasmid transfer origin cloned into transposon Tn5. Yakobson EA, et al. **J Bacteriol** 1984 Oct;160(1):451-3

Isolation and characterization of transposon Tn5-induced mutants of Pseudomonas perfectomarina defective in nitrous oxide respiration. Zumft WG, et al. **J Bacteriol** 1985 Sep;163(3):918-24

Compartmentalization of the proteins encoded by IS50R. Isberg RR, et al. **J Biol Chem** 1985 Mar 25;260(6):3645-51

Purification and properties of Int-h, a variant protein involved in site-specific recombination of bacteriophage lambda. Lange-Gustafson BJ, et al. **J Biol Chem** 1984 Oct 25;259(20):12724-32

Analysis of transcriptional regulation of the s38 chorion gene of Drosophila by P element-mediated transformation. Kalfayan L, et al. **J Embryol Exp Morphol** 1984 Nov;83 Suppl:137-46

Evolution of an R plasmid from a cryptic plasmid by transposition of two copies of Tn1 in Providencia stuartii. Hawkey PM, et al. **J Gen Microbiol** 1985 Apr;131 (Pt 4):927-33

Plasmid fusions mediated by one end of TnA. Heritage J, et al. **J Gen Microbiol** 1985 May;131 (Pt 5):1130-40

Bacteriophage P1 derivatives unaffected in their growth by a large inversion or by IS insertions at various locations. Iida S, et al. **J Gen Microbiol** 1985 Jan;131 (Pt 1):129-34

Evolution of Tn21-related transposons: isolation of Tn2425, which harbours IS161. Meyer JF, et al. **J Gen Microbiol** 1985 May;131 (Pt 5):1123-30

Transposable element Mu1 is found in multiple copies only in Robertson's Mutator maize lines. Bennetzen JL. **J Mol Appl Genet** 1984;2(6):519-24

Use of transposon-promoted deletions in DNA sequence analysis. Ahmed A. **J Mol Biol** 1984 Oct 5;178(4):941-8

Tn5 transposes independently of cointegrate resolution. Evidence for an alternative model for transposition. Isberg RR, et al. **J Mol Biol** 1985 Mar 5;182(1):69-78

Role of the IS50 R proteins in the promotion and control of Tn5 transposition. Johnson RC, et al. **J Mol Biol** 1984 Aug 25;177(4):645-61

A frameshift mutation at the junction of an IS1 insertion within lacZ restores beta-galactosidase activity via formation of an active lacZ-IS1 fusion protein. Malamy MH, et al. **J Mol Biol** 1985 Feb 20;181(4):551-5

Extrachromosomal DNA forms of copia-like transposable elements, F elements and middle repetitive DNA sequences in Drosophila melanogaster. Variation in cultured cells and embryos. Mossie KG, et al. **J Mol Biol** 1985 Mar 5; 182(1):31-43

Sequences essential for IS50 transposition. The first base-pair. Sasakawa C, et al. **J Mol Biol** 1985 Apr 20;182(4):487-93

Structure of circular copies of the 412 transposable element present in Drosophila melanogaster tissue culture cells, and isolation of a free 412 long terminal repeat. Shepherd BM, et al. **J Mol Biol** 1984 Nov 25;180(1):21-40

Analysis of the gamma delta res site. Sites required for site-specific recombination and gene expression. Wells RG, et al. **J Mol Biol** 1984 Nov 15;179(4):667-87

Insertion of a short repetitive sequence (D88I) in a sea urchin gene: a typical interspersed repeat? Johnson SA, et al. **J Mol Evol** 1984;20(3-4):195-201

A model for transposon-based eucaryote regulatory evolution. King CC. **J Theor Biol** 1985 Jun 7;114(3):447-62

Mapping of a vaccinia host range sequence by insertion into the viral thymidine kinase gene. Gillard S, et al. **J Virol** 1985 Jan;53(1):316-8

Plasmids containing one inverted repeat of Tn21 can fuse with other plasmids in the presence of Tn21 transposase. Avila P, et al. **MGG** 1984;195(1-2):288-93

Transposon Tn1 intra-molecular transposition. Bishop R, et al. **MGG** 1984;196(1):117-22

Transposon donor plasmids, based on Collb-P9, for use in Pseudomonas putida and a variety of other gram negative bacteria. Boulnois GJ, et al. **MGG** 1985;200(1):65-7

Excision of copia element in a revertant of the white-apricot mutation of Drosophila melanogaster leaves behind one long-terminal repeat. Carbonare BD, et al. **MGG** 1985; 199(1):1-6

IS30, a new insertion sequence of Escherichia coli K12. Caspers P, et al. **MGG** 1984;196(1):68-73

Physical and genetic analysis of IS110, a transposable element of Streptomyces coelicolor A3(2). Chater KF, et al. **MGG** 1985;200(2):235-9

Molecular analysis of P element behavior in Drosophila simulans transformants. Daniels SB, et al. **MGG** 1985; 200(2):258-65

A Tn21 terminal sequence within Tn501: complementation of tnpA gene function and transposon evolution. Grinsted J, et al. **MGG** 1984;197(3):497-502

The resolvase protein from the transposon Tn21. Halford SE, et al. **MGG** 1985;200(1):169-75

Structure of genes and an insertion element in the methane producing archaebacterium Methanobrevibacter smithii. Hamilton PT, et al. **MGG** 1985;200(1):47-59

The E. coli K-12 chromosome flanked by two IS10 sequences transposes. Harayama S, et al. **MGG** 1984; 197(1):62-6

Functional characterization of the prokaryotic mobile genetic element IS26. Iida S, et al. **MGG** 1984;198(1):84-9

Cointegration and resolution mediated by IS101 present in plasmid pSC101. Ishizaki K, et al. **MGG** 1985;199(3):388-95

A transposon as a cytogenetic marker in Drosophila melanogaster. Ising G, et al. **MGG** 1984;196(1):6-16

An active variant of the prokaryotic transposable element IS903 carries an amber stop codon in the middle of an open reading frame. Mollet B, et al. **MGG** 1985; 199(3):534-6

Replicon fusion mediated by a single-ended derivative of transposon Tn1721. Mötsch S, et al. **MGG** 1984; 195(1-2):281-7

The recQ gene of Escherichia coli K12: molecular cloning and isolation of insertion mutants. Nakayama K, et al. **MGG** 1985;200(2):266-71

Genetic analysis of Tn7 transposition. Ouartsi A, et al. **MGG** 1985;198(2):221-7

Transposon mutagenesis and genetic mapping of the rglA and rglB loci of Escherichia coli. Ravi RS, et al. **MGG** 1985;198(3):390-2

Tn1721-encoded resolvase: structure of the tnpR gene and its in vitro functions. Rogowsky P, et al. **MGG** 1985; 200(1):176-81

Hybrid dysgenesis in Drosophila melanogaster: influence of temperature on cytotype determination in the P-M system. Ronsseray S, et al. **MGG** 1984;196(1):17-23

Evolutionary relationship between Tn21-like elements and pBP201, a plasmid from Klebsiella pneumoniae mediating resistance to gentamicin and eight other drugs. Schmidt F, et al. **MGG** 1984;197(1):109-19

Insertion of IS1 into the rpsE gene for ribosomal protein S5 causes cold-sensitivity in Escherichia coli. Schnier J, et al. **MGG** 1984;195(1-2):364-6

ISL1: a new transposable element in Lactobacillus casei. Shimizu-Kadota M, et al. **MGG** 1985;200(2):193-8

High frequency mobilization of gram-negative bacterial replicons by the in vitro constructed Tn5-Mob transposon. Simon R. **MGG** 1984;196(3):413-20

Tn501 insertion mutagenesis in Pseudomonas aeruginosa PAO. Tsuda M, et al. **MGG** 1984;196(3):494-500

Activation of expression of a cloned archaebacterial gene in Escherichia coli by IS2, IS5, or deletions. Wood AG, et al. **MGG** 1985;198(2):309-14

Escherichia coli alpha-haemolysin synthesis and export genes are flanked by a direct repetition of IS91-like elements. Zabala JC, et al. **MGG** 1984;197(1):90-7

Tn9 mutagenesis of Klebsiella pneumoniae by P1 vector. Debbia E, et al. **Microbiol Immunol** 1984;28(6):715-7

The primary structure of the rRNA insertions of Plasmodium lophurae. Unnasch TR, et al. **Mol Biochem Parasitol** 1985 Aug;16(2):149-61

Dictyostelium transposable element DIRS-1 preferentially inserts into DIRS-1 sequences. Cappello J, et al. **Mol Cell Biol** 1984 Oct;4(10):2207-13

Drosophila P element-enhanced transfection in mammalian cells. Clough DW, et al. **Mol Cell Biol** 1985 Apr; 5(4):898-901

Transcription of Dictyostelium discoideum transposable element DIRS-1. Cohen SM, et al. **Mol Cell Biol** 1984 Nov;4(11):2332-40

Identification of regulatory regions within the Ty1 transposable element that regulate iso-2-cytochrome c production in the CYC7-H2 yeast mutant. Errede B, et al. **Mol Cell Biol** 1984 Jul;4(7):1393-401

Transposition of two different intracisternal A particle elements into an immunoglobulin kappa-chain gene. Hawley RG, et al. **Mol Cell Biol** 1984 Dec;4(12):2565-72

TU elements: a heterogeneous family of modularly structured eucaryotic transposons. Hoffman-Liebermann B, et al. **Mol Cell Biol** 1985 May;5(5):991-1001

DNA replication and chromatin structure of simian virus 40 insertion mutants. Innis JW, et al. **Mol Cell Biol** 1984 Aug; 4(8):1499-507

Complete nucleotide sequence of the Drosophila transposable element copia: homology between copia and retroviral proteins. Mount SM, et al. **Mol Cell Biol** 1985 Jul; 5(7):1630-8

Isolation and characterization of the SPT2 gene, a negative regulator of Ty-controlled yeast gene expression. Roeder GS, et al. **Mol Cell Biol** 1985 Jul;5(7):1543-53

Effects of Ty insertions on HIS4 transcription in Saccharomyces cerevisiae. Silverman SJ, et al. **Mol Cell Biol** 1984 Jul;4(7):1246-51

Interaction between mobile DNA-element-induced lethal mutations and chemical mutagens in the hybrid dysgenic system of Drosophila melanogaster. Blount JL, et al. **Mutat Res** 1985 Mar;149(1):33-40

Spontaneous excision of a large composite transposable element of Drosophila melanogaster. Chia W, et al. **Nature** 1985 Jul 4-10;316(6023):81-3

Insertion of N regions into heavy-chain genes is correlated with expression of terminal deoxytransferase in B cells. Desiderio SV, et al. **Nature** 1984 Oct 25-31;311(5988):752-5

The nucleotide sequences of copia and copia-related RNA in Drosophila virus-like particles. Emori Y, et al. **Nature** 1985 Jun 27-Jul 3;315(6022):773-6

Transposition without duplication of infecting bacteriophage Mu DNA. Harshey RM. **Nature** 1984 Oct 11-17; 311(5986):580-1

Resolution of synthetic att-site Holliday structures by the integrase protein of bacteriophage lambda. Hsu PL, et al. **Nature** 1984 Oct 25-31;311(5988):721-6

A retrovirus-like strategy for expression of a fusion protein encoded by yeast transposon Ty1. Mellor J, et al. **Nature** 1985 Jan 17-23;313(5999):243-6

A transposon-like element in human DNA. Paulson KE, et al. **Nature** 1985 Jul 25-31;316(6026):359-61

Isolation of the closed circular form of the transposable element Tc1 in Caenorhabditis elegans. Rose AM, et al. **Nature** 1984 Oct 4-10;311(5985):485-6

Identification of the coding sequence for a reverse transcriptase-like enzyme in a transposable genetic element in Drosophila melanogaster. Saigo K, et al. **Nature** 1984 Dec 13-19;312(5995):659-61

Mys, a family of mammalian transposable elements isolated by phylogenetic screening. Wichman HA, et al. **Nature** 1985 Sep 5-11;317(6032):77-81

ATP-dependent specific binding of Tn3 transposase to Tn3 inverted repeats. Wishart WL, et al. **Nature** 1985 Apr 11-17;314(6011):556-8

Reverse transcription of Drosophila mobile dispersed genetic element RNAs: detection of intermediate forms. Arkhipova IR, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7533-48

A new copia-like transposable element found in a Drosophila rDNA gene unit. Bell JR, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3861-71

Distinct characteristics of loop sequences of two Drosophila foldback transposable elements. Brierley HL, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):485-500

The nucleotide sequence of the tnpA gene completes the sequence of the Pseudomonas transposon Tn501. Brown NL, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5657-69

Site specific insertion of a type I rDNA element into a unique sequence in the Drosophila melanogaster genome. Browne MJ, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):9111-22

Chromatin structure at the 44D larval cuticle gene locus in Drosophila: the effect of a transposable element insertion. Eissenberg JC, et al. **Nucleic Acids Res** 1984 Dec 11; 12(23):9025-38

Variants within the yeast Ty sequence family encode a class of structurally conserved proteins. Fulton AM, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):4097-112

Nucleotide sequence and characteristics of a Ty element from yeast. Hauber J, et al. **Nucleic Acids Res** 1985 Apr 25; 13(8):2745-58

Circular copies of mobile dispersed genetic elements in cultured Drosophila melanogaster cells. Ilyin YV, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7517-31

Functional RNA polymerase II promoters in solitary retroviral long terminal repeats (LTR-IS elements). Köhrer K, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2631-45

Are there insertions in the ribosomal DNA of vertebrates? Lohmann K, et al. **Nucleic Acids Res** 1985 Jul 25; 13(14):5145-55

Junction sequences generated by 'one-ended transposition'. Mötsch S, et al. **Nucleic Acids Res** 1985 May 10; 13(9):3335-42

A novel transposon-like repeat interrupted by an LTR element occurs in a cluster of B1 repeats in the mouse c-mos locus. Propst F, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8381-92

A bidirectionally active signal for termination of transcription is located between tetA and orfL on transposon Tn10. Schollmeier K, et al. **Nucleic Acids Res** 1985 Jun 25; 13(12):4227-37

Chromosomal rearrangements associated with LINE elements in the mouse genome. Shyman S, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5085-93

Complete sequence of IS3. Timmerman KP, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):2127-39

Structure of a processed gene of mouse cytoplasmic gamma-actin transposed into a BAM5 sequence: insertion has created 13 base-pair direct repeats. Tokunaga K, et al. **Nucleic Acids Res** 1985 May 10;13(9):3031-42

Plasmid vectors based on Tn10 DNA: gene expression regulated by tetracycline. de la Torre JC, et al. **Plasmid** 1984 Sep;12(2):103-10

Tn5 insertions in the agrocin 84 plasmid: the conjugal nature of pAgK84 and the locations of determinants for transfer and agrocin 84 production. Farrand SK, et al. **Plasmid** 1985 Mar;13(2):106-17

The role of TnA transposase in transposition immunity. Heritage J, et al. **Plasmid** 1984 Nov;12(3):218-21

Insertion mutations in the promiscuous IncP-1 plasmid R18 which affect its host range between Pseudomonas species. Krishnapillai V, et al. **Plasmid** 1984 Nov;12(3):170-80

A vehicle for the introduction of transposons into plant-associated pseudomonads. Lam ST, et al. **Plasmid** 1985 May;13(3):200-4

A physical and functional analysis of Tn917, a Streptococcus transposon in the Tn3 family that functions in Bacillus. Perkins JB, et al. **Plasmid** 1984 Sep;12(2):119-38

Comparison of the transposon-like structures encoding clindamycin resistance in Bacteroides R-plasmids. Smith CJ, et al. **Plasmid** 1985 May;13(3):182-92

Transposition behavior of IS15 and its progenitor IS15-delta: are cointegrates exclusive end products? Trieu-Cuot P, et al. **Plasmid** 1985 Jul;14(1):80-9

Construction of a cloning site near one end of Tn917 into which foreign DNA may be inserted without affecting transposition in Bacillus subtilis or expression of the transposon-borne erm gene. Youngman P, et al. **Plasmid** 1984 Jul;12(1):1-9

Nucleotide sequence of a yeast Ty element: evidence for an unusual mechanism of gene expression. Clare J, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2829-33

Insertion of long interspersed repeated elements at the Igh (immunoglobulin heavy chain) and Mlvi-2 (Moloney leukemia virus integration 2) loci of rats. Economou-Pachnis A, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2857–61

Transposition of Tc1 in the nematode Caenorhabditis elegans. Eide D, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1756–60

Activation regions in a yeast transposon have homology to mating type control sequences and to mammalian enhancers. Errede B, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5423–7

Transposon-like sequences in extrachromosomal circular DNA from mouse thymocytes. Fujimoto S, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2072–6

DNA sequences at the ends of the genome of bacteriophage Mu essential for transposition. Groenen MA, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2087–91

Transposable element IS1 intrinsically generates target duplications of variable length. Iida S, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):839–43

Dominant negative mutations in the Tn10 tet repressor: evidence for use of the conserved helix-turn-helix motif in DNA binding. Isackson PJ, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6226–30

'Retroposon' insertion into the cellular oncogene c-myc in canine transmissible venereal tumor. Katzir N, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1054–8

Construction of Tn5 lac, a transposon that fuses lacZ expression to exogenous promoters, and its introduction into Myxococcus xanthus. Kroos L, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5816–20

Nucleotide sequence of the insertion sequence found in the T-DNA region of mutant Ti plasmid pTiA66 and distribution of its homologues in octopine Ti plasmid. Machida Y, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7495–9

In vitro regulation of phage lambda cII gene expression by Escherichia coli integration host factor. Peacock S, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6009–13

Transposable element sequences involved in the enhancement of yeast gene expression. Roeder GS, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5428–32

Insertion of an unstable element in an intervening sequence of maize Adh1 affects transcription but not processing. Rowland LJ, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2875–9

Topological repression of gene activity by a transposable element. Stokes HW, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6115–9

Molecular genetics of a transposon-induced dominant mutation in the Drosophila locus Glued. Swaroop A, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1751–5

A trans-acting product needed for P factor transposition in Drosophila. Engels WR. **Science** 1984 Dec 7;226(4679):1194–6

Functional insertion of an Alu type 2 (B2 SINE) repetitive sequence in murine class I genes. Kress M, et al. **Science** 1984 Nov 23;226(4677):974–7

Shuttling of integrated vectors from mammalian cells to E. coli is mediated by head-to-tail multimeric inserts. Lutfalla G, et al. **Somatic Cell Mol Genet** 1985 May;11(3):223–38

Transposon-mediated mutagenesis of a baculovirus. Fraser MJ, et al. **Virology** 1985 Sep;145(2):356–61

[Organization and expression of genes encoded by transposons] Machida Y, et al. **Seikagaku** 1985 Apr;57(4):296–312 (58 ref.) (Jpn)

[Characteristics of phages-transposons of Pseudomonas aeruginosa belonging to 2 groups distinguished by DNA-DNA homology] Akhverdian VZ, et al. **Genetika** 1985 May;21(5):735–47 (Eng. Abstr.) (Rus)

[Modular structure of the genes of phages-transposons of Pseudomonas aeruginosa] Krylov VN, et al. **Genetika** 1985 May;21(5):724–34 (Eng. Abstr.) (Rus)

[Transposition immunity in bacteriophage Mu. The effect of a mutation at the kil gene on the establishment of immunity] Mogutov MA, et al. **Genetika** 1985 Jun;21(6):927–35 (Eng. Abstr.) (Rus)

[Wide distribution of transposable phages in natural Pseudomonas aeruginosa populations] Akhverdian VZ, et al. **Genetika (Moskva)** 1984 Oct;20(10):1612–9 (Eng. Abstr.) (Rus)

[Molecular genetic studies of the DNA promotor regions in Bacillus thuringiensis subsp. galleriae 69-6. II. Increased level of gene expression resulting from IS1 element integration] Bezkrovnaia OIu, et al. **Genetika (Moskva)** 1984 Sep;20(9):1428–33 (Eng. Abstr.) (Rus)

[Enhanced transcription of genes of the intracisternal A particles and B2 elements in mouse tumors] Grigorian MS, et al. **Mol Biol (Mosk)** 1985 Mar–Apr;19(2):340–8 (Eng. Abstr.) (Rus)

[Partial suppression of rec B rec C mutations in E. coli by plasmid pBR 322 containing a Bacillus subtilis chromosome insertion] Barabanshchikov BI, et al. **Tsitol Genet** 1985 Mar–Apr;19(2):128–32 (Eng. Abstr.) (Rus)

DRUG EFFECTS

Transposon Tn10-like tetracycline resistance determinants in Haemophilus parainfluenzae. Levy SB, et al. **J Bacteriol** 1984 Oct;160(1):87–94

Mercuric ion-resistance operons of plasmid R100 and transposon Tn501: the beginning of the operon including the regulatory region and the first two structural genes. Misra TK, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5975–9

Carcinogen-induced insertion mutations in E. coli. Takeshita M, et al. **Prog Clin Biol Res** 1985;172A:389–99

[Oligonucleotide-directed mutagenesis. The introduction of point mutations (transitions, deletions, insertions) in the beta-galactosidase gene] Petrenko VA, et al. **Dokl Akad Nauk SSSR** 1985;281(2):476–81 (Rus)

DNA, MITOCHONDRIAL

Identification of pathogenic Leishmania promastigotes by DNA: DNA hybridization with kinetoplast DNA cloned into E. coli plasmids. Lawrie JM, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):257–65

Non-random patterns of nucleotide substitutions and codon strategy in the mammalian mitochondrial genes coding for identified and unidentified reading frames. Pepe G, et al. **Biochem Int** 1983 Apr;6(4):553–63

The yeast nuclear gene NAM2 is essential for mitochondrial DNA integrity and can cure a mitochondrial RNA-maturase deficiency. Labouesse M, et al. **Cell** 1985 May;41(1):133–43

The Neurospora mitochondrial genome: the region coding for the polycistronic cytochrome oxidase subunit I transcript is preceded by a transfer RNA gene. de Vries H, et al. **FEBS Lett** 1985 Jan 7;179(2):337–42

Cloning of mitochondrially determined oligomycin resistance, oli-1 in yeast. Mabuchi T, et al. **J Antibiot (Tokyo)** 1985 Apr;38(4):505–12

Mitochondrial DNA in Fusarium oxysporum is a 46.5 kilobase pair circular molecule. Marriott AC, et al. **J Gen Microbiol** 1984 Nov;130 (Pt 11):3001–8

Cytoplasmic transformation of Saccharomyces cerevisiae using purified mtDNA. Maqueda M, et al. **Microbios** 1984;41(165–166):205–8

Presence of a bent helix in fragments of kinetoplast DNA minicircles from several trypanosomatid species. Ntambi JM, et al. **Mol Biochem Parasitol** 1984 Jul;12(3):273–86

ANALYSIS

Nucleotide sequence preservation of human leukemic mitochondrial DNA. Monnat RJ Jr, et al. **Cancer Res** 1985 Apr;45(4):1809–14

Characterization of DNA-protein complexes from the mitochondria of Xenopus laevis oocytes. Barat M, et al. **Exp Cell Res** 1985 Mar;157(1):207–17

The complete nucleotide sequence of the Xenopus laevis mitochondrial genome. Roe BA, et al. **J Biol Chem** 1985 Aug 15;260(17):9759–74

Restriction enzyme analysis of mitochondrial DNA in aging human cells. White FA, et al. **Mech Ageing Dev** 1985 May 13;30(2):153–68

The wheat mitochondrial gene for apocytochrome b: absence of a prokaryotic ribosome binding site. Boer PH, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2281–92

The divergent region of the Leishmania tarentolae kinetoplast maxicircle DNA contains a diverse set of repetitive sequences. Muhich ML, et al. **Nucleic Acids Res** 1985 May 10;13(9):3241–60

Molecular structures of mitochondrial-DNA-like sequences in human nuclear DNA. Nomiyama H, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1649–58

Nucleotide sequences of three tRNA genes encoded in Tetrahymena mitochondrial DNA. Suyama Y. **Nucleic Acids Res** 1985 May 10;13(9):3273–84

The unusual var1 gene of yeast mitochondrial DNA. Butow RA, et al. **Science** 1985 Jun 28;228(4707):1496–501

BIOSYNTHESIS

The inhibition of mitochondrial DNA replication in vitro by the metabolites of benzene, hydroquinone and p-benzoquinone. Schwartz CS, et al. **Chem Biol Interact** 1985 May;53(3):327–50

Methylmercury-induced mitochondrial DNA synthesis in neural tissue of cats. Miller CT, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):251–64

Priming of human mitochondrial DNA replication occurs at the light-strand promoter. Chang DD, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):351–5

GENETICS

Mitochondrial DNA variation in Australian aborigines: the spread of modern populations. Cann RL. **Acta Anthropogenet** 1984;8(1–2):125–35

Polymorphism of mitochondrial DNA in pigs based on restriction endonuclease cleavage patterns. Watanabe T, et al. **Biochem Genet** 1985 Feb;23(1–2):105–13

Intra-individual length heterogeneity of Rana esculenta mitochondrial DNA. Monnerot M, et al. **Biol Cell** 1984;52(3):213–8

Cloning of mitochondrial DNA from Paracentrotus lividus. Roberti M, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1325–31

Genetic relationships between subspecies of the tsetse fly Glossina morsitans inferred from variation in mitochondrial DNA sequences. Trick M, et al. **Can J Genet Cytol** 1984 Dec;26(6):692–7

Insertion of a foreign nucleotide sequence into mitochondrial DNA causes senescence in Neurospora intermedia. Bertrand H, et al. **Cell** 1985 Jul;41(3):877–84

An intron-encoded protein is active in a gene conversion process that spreads an intron into a mitochondrial gene. Jacquier A, et al. **Cell** 1985 Jun;41(2):383–94

Transposition of an intron in yeast mitochondria requires a protein encoded by that intron. Macreadie IG, et al. **Cell** 1985 Jun;41(2):395–402

Nonreciprocal exchange between alleles of the yeast mitochondrial 21S rRNA gene: kinetics and the involvement of a double-strand break. Zinn AR, et al. **Cell** 1985 Apr;40(4):887–95

Mitochondria. Koike K. **Cell Struct Funct** 1984 Jul;9 Suppl:s39–42

Kinetics and intermediates of yeast mitochondrial DNA recombination. Zinn AR, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:115–21

The initiation of DNA replication in the mitochondrial genome of yeast. Baldacci G, et al. **EMBO J** 1984 Sep;3(9):2115–20

Location of transcriptional control signals and transfer RNA sequences in Torulopsis glabrata mitochondrial DNA. Clark-Walker GD, et al. **EMBO J** 1985 Feb;4(2):465–73

The mitochondrial genome of the fission yeast Schizosaccharomyces pombe: highly homologous introns are inserted at the same position of the otherwise less conserved cox1 genes in Schizosaccharomyces pombe and Aspergillus nidulans. Lang BF. **EMBO J** 1984 Sep;3(9):2129–36

All eight unassigned reading frames of mouse mitochondrial DNA are expressed. Michael NL, et al. **EMBO J** 1984 Dec 20;3(13):3165–75

Three variant introns of the same general class in the mitochondrial gene for cytochrome oxidase subunit 1 in Aspergillus nidulans. Waring RB, et al. **EMBO J** 1984 Sep;3(9):2121–8

Isolation and characterization of intraspecific cybrids. Effect of mitochondrial DNA on their cellular properties. Hayashi J, et al. **Exp Cell Res** 1984 Oct;154(2):357–66

Two modules from the hypersuppressive rho- mitochondrial DNA are required for plasmid replication in yeast. Blanc H. **Gene** 1984 Oct;30(1–3):47–61

The ori sequences of the mitochondrial genome of a wild-type yeast strain: number, location, orientation and structure. de Zamaroczy M, et al. **Gene** 1984 Dec;32(3):439–57

A comparative study of the ori sequences from the mitochondrial genomes of twenty wild-type yeast strains. Faugeron-Fonty G, et al. **Gene** 1984 Dec;32(3):459–73

Hybridization and introgression among species of sunfish (Lepomis): analysis by mitochondrial DNA and allozyme markers. Avise JC, et al. **Genetics** 1984 Sep;108(1):237–55

Length variation and heteroplasmy are frequent in mitochondrial DNA from parthenogenetic and bisexual lizards (genus Cnemidophorus). Densmore LD, et al. **Genetics** 1985 Aug;110(4):689–707

Sequence evolution of Drosophila mitochondrial DNA. Wolstenholme DR, et al. **Genetics** 1985 Apr;109(4):725–44

Mitochondrial DNA polymorphism in Japanese. I. Analysis with restriction enzymes of six base pair recognition. Horai S, et al. **Hum Genet** 1984;68(4):324–32

Animal mitochondrial DNA: an extreme example of genetic economy. Attardi G. **Int Rev Cytol** 1985;93:93–145 (190 ref.)

Self-splicing RNA: implications for evolution. Cech TR. **Int Rev Cytol** 1985;93:3–22 (77 ref.)

Inversions in mitochondrial DNA of a petite mutant of yeast. Wakabayashi K, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1559–64

A mutation in yeast mitochondrial DNA results in a precise excision of the terminal intron of the cytochrome b gene. Hill J, et al. **J Biol Chem** 1985 Mar 25;260(6):3235–8

Characterization of an RNA polymerase activity from HeLa cell mitochondria, which initiates transcription at the heavy strand rRNA promoter and the light strand promoter in human mitochondrial DNA. Shuey DJ, et al. **J Biol Chem** 1985 Feb 10;260(3):1952–8

Cloning, physical mapping and genome organization of mitochondrial DNA from Cyprinus carpio oocytes. Araya A, et al. **MGG** 1984;196(1):43–52

Cytochrome b of cob revertants in yeast. 1. Isolation and characterization of revertants derived from cob exon mutants of Saccharomyces cerevisiae. Burger G. **MGG** 1984;196(1):158–66

A yeast with linear molecules of mitochondrial DNA. Kovác L, et al. **MGG** 1984;197(3):420–4

Kinetoplast DNA segments function as promoters in Escherichia coli cells. Kuzmin EV, et al. **MGG** 1985;198(2):323–8

The mitochondrial genome of the fission yeast Schizosaccharomyces pombe. 2. Localization of genes by interspecific hybridization in strain ade7-50h- and cloning of the genome in small fragments. Lang BF, et al. **MGG** 1984;196(3):465–72

Molecular cloning and genetic mapping of the PET494 gene of Saccharomyces cerevisiae. Müller PP, et al. **MGG** 1984;195(1–2):275–80

The mitochondrial genome of the fission yeast Schizosaccharomyces pombe. 7. Continuous gene for apocytochrome b in strain EF1 (CBS 356) and sequence variation in the region of intron insertion in strain ade 7-50h. Trinkl H, et al. **MGG** 1985;1[illegible](2):360–3

Segregation of mitochondrial DNA in human somatic cell hybrids. White FA, et al. **MGG** 1984;197(3):453–60

The mitochondrial genome of the fission yeast Schizosaccharomyces pombe. 3. Gene mapping in strain EF1 (CBS 356) and analysis of hybrids between the strains EF1 and ade7–50h–. Zimmer M, et al. **MGG** 1984; 196(3):473–81

Further analysis of intraspecific variation in Trypanosoma brucei using restriction site polymorphisms in the maxi-circle of kinetoplast DNA. Gibson W, et al. **Mol Biochem Parasitol** 1985 Apr;15(1):21–36

Novel identification of differences in the kinetoplast DNA of Leishmania isolates by recombinant DNA techniques and in situ hybridisation. Kennedy WP. **Mol Biochem Parasitol** 1984 Jul;12(3):313–25

Conservative and divergent base sequence regions in the maxicircle kinetoplast DNA of several trypanosomatid flagellates. Maslov DA, et al. **Mol Biochem Parasitol** 1984 Jul;12(3):351–64

Identification of mitochondrial genes in Trypanosoma brucei and homology to cytochrome c oxidase II in two different reading frames. Payne M, et al. **Mol Biochem Parasitol** 1985 May;15(2):159–70

Nuclear and mitochondrial DNA of the primate malarial parasite Plasmodium knowlesi. Williamson DH, et al. **Mol Biochem Parasitol** 1985 Feb;14(2):199–209

Highly efficient RNA–synthesizing system that uses isolated human mitochondria: new initiation events and in vivo–like processing patterns. Gaines G, et al. **Mol Cell Biol** 1984 Aug;4(8):1605–17

Possible mitochondrial inheritance of congenital cardiac septal defects [letter] Sherman J, et al. **N Engl J Med** 1985 Jul 18;313(3):186–7

Six unidentified reading frames of human mitochondrial DNA encode components of the respiratory–chain NADH dehydrogenase. Chomyn A, et al. **Nature** 1985 Apr 18–24; 314(6012):592–7

The ribosomal RNA genes of Drosophila mitochondrial DNA. Clary DO, et al. **Nucleic Acids Res** 1985 Jun 11; 13(11):4029–45

Apocytochrome b and other mitochondrial DNA sequences are differentially expressed during the life cycle of Trypanosoma brucei. Feagin JE, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4577–96

The sequence of the gene for cytochrome c oxidase subunit I, a frameshift containing gene for cytochrome c oxidase subunit II and seven unassigned reading frames in Trypanosoma brucei mitochrondrial maxi–circle DNA. Hensgens LA, et al. **Nucleic Acids Res** 1984 Oct 11; 12(19):7327–44

Sequences of the coding and flanking regions of the large ribosomal subunit RNA gene of mosquito mitochondria. HsuChen CC, et al. **Nucleic Acids Res** 1984 Oct 25; 12(20):7771–85

The physical map and organisation of the mitochondrial genome from the fertile cytoplasm of maize. Lonsdale DM, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9249–61

Biogenesis of mitochondria: DNA sequence analysis of mit– mutations in the mitochondrial oli1 gene coding for mitochondrial ATPase subunit 9 in Saccharomyces cerevisiae. Ooi BG, et al. **Nucleic Acids Res** 1985 Feb 25; 13(4):1327–39

Initiation of transcription of a mitochondrial tRNA gene cluster in S. cerevisiae. Palleschi C, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7317–26

Yeast mitochondrial tRNAIle and tRNAMetm: nucleotide sequence and codon recognition patterns. Sibler AP, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1341–5

A rapid single–stranded cloning strategy for producing a sequential series of overlapping clones for use in DNA sequencing: application to sequencing the corn mitochondrial 18 S rDNA. Dale RM, et al. **Plasmid** 1985 Jan;13(1):31–40

Interaction between mitochondrial genes in yeast: evidence for novel box effect(s). Hensgens LA, et al. **Plasmid** 1984 Jul;12(1):41–51

Anomalous electrophoretic mobility of mouse mtDNA restriction fragments. Howell N. **Plasmid** 1985 Jul; 14(1):93–6

Genes for respiratory chain proteins and ribosomal RNAs are present on a 16–kilobase–pair DNA species from Chlamydomonas reinhardtii mitochondria. Boer PH, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3340–4

Nucleotide sequence of the satellite of peanut stunt virus reveals structural homologies with viroids and certain nuclear and mitochondrial introns. Collmer CW, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3110–4

Yeast mitochondrial genomes consisting of only A.T base pairs replicate and exhibit suppressiveness. Fangman WL, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7156–60

Differential expression of mitochondrial genes between life cycle stages of Trypanosoma brucei. Feagin JE, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3380–4

Mitochondrial modulation of maternally transmitted antigen: analysis of cell hybrids. Huston MM, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3286–90

Nucleotide sequence preservation of human mitochondrial DNA. Monnat RJ Jr, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2895–9

Natural interspecies transfer of mitochondrial DNA in amphibians. Spolsky C, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5802–5

Studies of heterogeneous mitochondrial populations in a mouse cell line: the effects of selection for or against mitochondrial genomes that confer chloramphenicol resistance. Kearsey SE, et al. **Proc R Soc Lond [Biol]** 1985 May 22;224(1236):315–23

Shuttling of integrated vectors from mammalian cells to E. coli is mediated by head–to–tail multimeric inserts. Lutfalla G, et al. **Somatic Cell Mol Genet** 1985 May;11(3):223–38

[Initial findings on mitochondrial cytopathy in hypokalemic familial periodic paralysis. Ultrastructure study] Guarino M, et al. **Minerva Pediatr** 1984 Jul 31;36(13–14):673–9 (Eng. Abstr.) **(Ita)**

METABOLISM

Induction of mitochondrial mutations in human cells by methotrexate. Hoar DI, et al. **Basic Life Sci** 1985;31:265–82

The presence of two mitochondrial DNA topoisomerases in human acute leukemia cells. Castora FJ, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):854–66

Replication priming and transcription initiate from precisely the same site in mouse mitochondrial DNA. Chang DD, et al. **EMBO J** 1985 Jun;4(6):1559–67

Identification of the polypeptide encoded by the URF–1 gene of Neurospora crassa mtDNA. Zauner R, et al. **Eur J Biochem** 1985 Aug 1;150(3):447–54

Sequence homologies among mitochondrial DNA–coded URF2, URF4 and URF5. Kikuno R, et al. **FEBS Lett** 1985 Sep 9;189(1):85–8

Association of nitrosamine–derived radioactivity with nuclear and mitochondrial DNA in mice. Daugherty JP, et al. **Gann** 1985 Mar;76(3):197–201

Nucleotide sequence involved in the replication of cloned yeast mitochondrial DNA. Wakabayashi K, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):171–7

DNA antibodies from autoimmune sera also bind mitochondrial DNA [letter] Berne BH. **J Immunol** 1985 Apr;134(4):2811

Anti–native DNA antibodies from autoimmune sera also bind to DNA in mitochondria. Reimer G, et al. **J Immunol** 1984 Nov;133(5):2532–6

Ethidium bromide–induced loss of mitochondrial DNA from primary chicken embryo fibroblasts. Desjardins P, et al. **Mol Cell Biol** 1985 May;5(5):1163–9

Mitochondrial class II introns encode proteins related to the reverse transcriptases of retroviruses. Michel F, et al. **Nature** 1985 Aug 15–21;316(6029):641–3

Initiation of transcription from each of the two human mitochondrial promoters requires unique nucleotides at the transcriptional start sites. Hixson JE, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2660–4

RADIATION EFFECTS

A method for assessing damage to mitochondrial DNA caused by radiation and epichlorohydrin. Singh G, et al. **Mol Pharmacol** 1985 Jan;27(1):167–70

DNA, NEOPLASM

Relationship between DNA ploidy, glandular differentiation, and tumor spread in human prostate cancer. Frankfurt OS, et al. **Cancer Res** 1985 Mar;45(3):1418–23

Origin and cytotoxic properties of base propenals derived from DNA. Grollman AP, et al. **Cancer Res** 1985 Mar; 45(3):1127–31

Effect of difluoromethylornithine, an inhibitor of polyamine biosynthesis, on the topoisomerase II–mediated DNA scission produced by 4'–(9–acridinylamino)methanesulfon–m–anisidide in L1210 murine leukemia cells. Zwelling LA, et al. **Cancer Res** 1985 Mar;45(3):1122–6

Effect of DNA–damaging agents on DNA replication and cell–cycle progression of cultured mouse mammary carcinoma cells. Kanno S, et al. **Gann** 1985 Apr; 76(4):289–96

DNA damage produced by combined hyperglycemia and hyperthermia in two mouse fibrosarcoma tumors in vivo. Murray D, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep; 10(9):1679–82

Methylation of either cytosine in the recognition sequence CGCG inhibits ThaI cleavage of DNA. Strobl JS, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8073–83

Human cell transfection with skin cancer DNAs. Sutherland BM, et al. **Photodermatol** 1985 Jun;2(3):186–91

ANALYSIS

DNA and S–phase representation in human growth hormone producing pituitary adenomas. Hulting AL, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):295–303

DNA flow cytometry in primary breast carcinoma. Fosså SD, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Nov;92(6):475–80

Nuclear DNA record in a malignant rectal carcinoid. A case report. Wilander E, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Sep; 92(5):339–43

DNA distribution, cytosol estrogen receptors and axillary nodes as prognostic predictors in breast carcinoma. Klintenberg C, et al. **Acta Radiol [Oncol]** 1985 May–Jun; 24(3):253–8

Comparison between flow cytometry and single cell cytophotometry for DNA content analysis of the uterine cervix. Strang P, et al. **Acta Radiol [Oncol]** 1985 Jul–Aug; 24(4):337–41

Prognostic impact of ploidy level in carcinoma of the cervix. Jakobsen A. **Am J Clin Oncol** 1984 Oct;7(5):475–80

Flow cytometric analysis of DNA in diagnostic cytology. Flint A, et al. **Am J Clin Pathol** 1985 Sep;84(3):278–82

Comparison of needle aspiration and solid biopsy technics in the flow cytometric study of DNA distributions of surgically resected tumors. Greenebaum E, et al. **Am J Clin Pathol** 1984 Nov;82(5):559–64

Evaluation of colonic neoplasia by flow cytometry of endoscopic biopsies. McKinley M, et al. **Am J Gastroenterol** 1985 Jan;80(1):47–9

Combined morphologic and cytochemical grading of serous ovarian tumors. Erhardt K, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):356–61

DNA pattern of human pituitary tumors. Anniko M, et al. **Am J Otolaryngol** 1985 Mar–Apr;6(2):103–10

Rapid diagnostic DNA cytometry with an automatic microscope and a TV image–analysis system. Auffermann W, et al. **Anal Quant Cytol** 1984 Sep;6(3):179–88

DNA flow cytometry of thyroid neoplasms. Kraemer BB, et al. **Arch Otolaryngol** 1985 Jan;111(1):34–8

DNA content of human squamous cell carcinoma cell lines. Analysis by flow cytometry and chromosome enumeration. Ros RA, et al. **Arch Otolaryngol** 1985 Sep;111(9):565–75

Prognostic importance of blast cell DNA content in childhood acute lymphoblastic leukemia. Look AT, et al. **Blood** 1985 May;65(5):1079–86

Heterogeneity of non–Hodgkin's lymphoma probed by nucleic acid cytometry. Srigley J, et al. **Blood** 1985 May; 65(5):1090–6

Single cell DNA measurements in benign cutaneous lymphoid infiltrates and in positive patch tests. Ralfkiaer E, et al. **Br J Dermatol** 1985 Mar;112(3):253–62

DNA and RNA determination in 111 cases of childhood acute lymphoblastic leukaemia (ALL) by flow cytometry: correlation of FAB classification with DNA stemline and proliferation. Suarez C, et al. **Br J Haematol** 1985 Aug; 60(4):677–86

Relation between flow cytometric DNA distribution and pathology in human bladder cancer. A report on 69 cases. Farsund T, et al. **Cancer** 1984 Nov 1;54(9):1771–7

Prognostic significance of DNA patterns and resistance–predictive tests in non–small cell lung carcinoma. Volm M, et al. **Cancer** 1985 Sep 15; 56(6):1396–403

DNA flow cytometry in human testicular cancer. Fosså SD, et al. **Cancer Lett** 1985 Aug;28(1):55–60

Comparison of nuclear DNA content in primary and metastatic papillary thyroid carcinoma. Bäckdahl M, et al. **Cancer Res** 1985 Jun;45(6):2890–4

Cellular DNA of human neoplastic B–cells measured by flow cytometry. Braylan RC, et al. **Cancer Res** 1984 Nov; 44(11):5010–6

Influence of cellular DNA content on disease–free survival of Stage II breast cancer patients. Hedley DW, et al. **Cancer Res** 1984 Nov;44(11):5395–8

Nucleotide sequence preservation of human leukemic mitochondrial DNA. Monnat RJ Jr, et al. **Cancer Res** 1985 Apr;45(4):1809–14

Prognostic relevance of ploidy, proliferation, and resistance–predictive tests in ovarian carcinoma. Volm M, et al. **Cancer Res** 1985 Oct;45(10):5180–5

Biological significances in granular cells of ameloblastoma—histochemical identification of sugar residues and filamentous proteins, morphometry and DNA cytometry of granular cells. Mori M, et al. **Cell Mol Biol** 1985;31(4):265–79

Clonal evolution in cutaneous malignant histiocytosis. Wantzin GL, et al. **Clin Exp Dermatol** 1985 Mar; 10(2):121–6

Classifying breast carcinomas with DNA measurements and morphometry. Boon ME, et al. **Cytometry** 1984 Sep; 5(5):469–72

Validation of a mathematical procedure for computer analysis of flow cytometric DNA data in human tumors. Del Bino G, et al. **Cytometry** 1985 Jan;6(1):31–6

Proliferative characteristics of primary and metastatic human solid tumors by DNA flow cytometry. Frankfurt OS, et al. **Cytometry** 1984 Nov;5(6):629–35

Application of DNA flow cytometry to paraffin–embedded archival material for the study of aneuploidy and its clinical significance. Hedley DW, et al. **Cytometry** 1985 Jul; 6(4):327–33

Flow cytometric determination of DNA content in malignant and benign bone tumours. Heliö H, et al. **Cytometry** 1985 Mar;6(2):165–71

Preparation of chromosome suspensions from cells of a solid experimental tumour for measurement by flow cytometry. Kooi MW, et al. **Cytometry** 1984 Sep;5(5):547–9

Preparation of monolayer smears from paraffin–embedded tissue for image cytometry. van Driel–Kulker AM, et al. **Cytometry** 1985 May;6(3):268–72

DNA distribution in non–small–cell lung carcinomas and its relationship to clinical behavior. Volm M, et al. **Cytometry** 1985 Jul;6(4):348–56

A general method for preparing chromatin containing intact DNA. Jackson DA, et al. **EMBO J** 1985 Apr;4(4):913–8

Metastatic adenocarcinoma of unknown primary site: abnormalities of cellular DNA content and survival. Hedley DW, et al. **Eur J Cancer Clin Oncol** 1985 Feb; 21(2):185–9

The influence of AZQ on the DNA distribution of human cerebral tumours in short-term culture. Sieben G, et al. **Eur J Cancer Clin Oncol** 1985 Feb;21(2):217–20

Deoxyribonucleic acid (DNA) content of primary carcinoma and response to endocrine or cytotoxic drug therapies in patients with advanced breast cancer. Mitchell I, et al. **Eur J Surg Oncol** 1985 Sep;11(3):251–6

Sequential changes in nuclear DNA content by chemotherapy observed in experimental canine gastric cancer. Ochi K, et al. **Gastroenterol Jpn** 1984 Dec;19(6):563–6

Ploidy pattern of megakaryocytes in patients with metastatic tumors with and without paraneoplastic thrombosis and in controls. Winkelmann M, et al. **Haemostasis** 1984;14(6):501–7

Cell DNA content—correlation with clonogenicity in the human tumour cloning system (HTCS). Verheijen RH, et al. **Int J Cancer** 1985 May 15;35(5):653–7

Pretherapeutic flow cytometric DNA investigations in radiotherapy patients with maxillo-facial carcinomas. Müller RP, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1613–9

Grading of bone tumors by analysis of nuclear DNA content using flow cytometry. Mankin HJ, et al. **J Bone Joint Surg [Am]** 1985 Mar;67(3):404–13

DNA cytophotometry on atypical glands in stomach carcinogenesis of dogs induced by N-methyl-N'-nitro-N-nitrosoguanidine. Sasaki O, et al. **J Cancer Res Clin Oncol** 1985;109(2):93–102

Automated flow-cytometric identification of colo-rectal tumour cells by simultaneous DNA, CEA-antibody and cell volume measurements. Valet G, et al. **J Clin Chem Clin Biochem** 1984 Dec;22(12):935–42

DNA-RNA measurements in patients with acute leukemia undergoing remission induction therapy. Maddox AM, et al. **J Clin Oncol** 1985 Jun;3(6):799–808

Abnormal and unstable patterns of the DNA of stroma cells in a patient with tuberous sclerosis—a flow cytofluorometric investigation. Ishibashi Y, et al. **J Dermatol (Tokyo)** 1984 Apr;11(2):139–47

Detection and localization of human papillomavirus DNA in human genital condylomas by in situ hybridization with biotinylated probes. Beckmann AM, et al. **J Med Virol** 1985 Jul;16(3):265–73

Flow cytometric deoxyribonucleic acid analysis of primary and metastatic human renal cell carcinoma. Chin JL, et al. **J Urol** 1985 Apr;133(4):582–5

Deoxyribonucleic acid analysis in the evaluation of transitional cell carcinoma before cystectomy. Wijkström H, et al. **J Urol** 1984 Nov;132(5):894–8

Sequence of hepatitis B virus DNA incorporated into the genome of a human hepatoma cell line. Ziemer M, et al. **J Virol** 1985 Mar;53(3):885–92

Analytical DNA flow cytometric analysis of deoxyadenosine toxicity in cultured human leukemic lymphoblasts. Fox RM, et al. **Mol Pharmacol** 1984 Sep;26(2):388–94

Unique allelic restriction fragments of the human Ha-ras locus in leukocyte and tumour DNAs of cancer patients. Krontiris TG, et al. **Nature** 1985 Jan 31–Feb 6;313(6001):369–74

Flow cytometry of radiation-induced tumors in rats. Christov K, et al. **Neoplasma** 1985;32(3):335–40

Characterization of human adenomatous polyps of the colorectal bowel by means of DNA distribution patterns. Weiss H, et al. **Oncology** 1985;42(1):33–41

Cytophotometric measurements of the DNA in Hodgkin lymphomas and non-Hodgkin lymphomas. Adler CP, et al. **Pathol Res Pract** 1984 Jul;178(6):579–89

Differential pattern of DNA-aneuploidy in human malignancies. Büchner T, et al. **Pathol Res Pract** 1985 Jan;179(3):310–7

Karyometry by automated image analysis. Application to precancerous lesions. Rigaut JP, et al. **Pathol Res Pract** 1984 Nov;179(2):216–9

Flow cytometric analysis of cellular DNA content as an adjunct to the diagnosis of ovarian tumours of borderline malignancy. Friedlander ML, et al. **Pathology** 1984 Jul;16(3):301–6

Heterogeneity of tumor cell DNA content. Hoshino T. **Prog Exp Tumor Res** 1984;27:83–91

Ploidy level and short-time prognosis of early cervix cancer. Jakobsen A. **Radiother Oncol** 1984 Jan;1(3):271–5

An approach to the individualization of cancer therapy—determination of DNA, SH-groups and micronuclei. Streffer C, et al. **Strahlentherapie** 1984 Nov;160(11):661–6

Cytophotometric measurements of nuclear DNA content of bronchogenic carcinomas. I. Diagnostic value on benign and malignant bronchial lesions. Kuo SH, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Jan;84(1):27–34

Polyamines and nucleic acids in gestational trophoblastic tumors. Romano M, et al. **Tumori** 1985 Feb 28;71(1):35–8

DNA flow cytometry of human epidermal tumours. Intra- and intertumour variability in ploidy and proliferative characteristics. Frentz G, et al. **Virchows Arch [Cell Pathol]** 1985;48(2):175–83

Measurement of nuclear DNA content in thyroid diagnosis. Bengtsson A, et al. **World J Surg** 1984 Aug;8(4):481–6

Prognostic value of nuclear DNA content in papillary thyroid carcinoma. Cohn K, et al. **World J Surg** 1984 Aug;8(4):474–80

[Flow cytometry (FCM) in the assay of DNA content of normal and malignant epithelial cells of human uterine cervix and the prognostic significance of DNA content: I. Methodology] Wu AR. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):87–90 (Eng. Abstr.) (Chi)

[Clinical and experimental oncology] **Arch Otorhinolaryngol [Suppl]** 1984;2:263–72 (Ger)

[DNA content of lymphocytes and mononuclear tumor cells in Hodgkin's disease] Donhuijsen K, et al. **Klin Wochenschr** 1985 Jul 15;63(14):631–5 (Eng. Abstr.) (Ger)

[Microspectrophotometric study of the DNA content of cervix carcinoma cell nuclei before and after radiotherapy] Sgibneva OV. **Radiobiol Radiother (Berl)** 1984;25(6):855–61 (Eng. Abstr.) (Ger)

[DNA distribution in transplanted tumors of the rat] Grimm I, et al. **Z Gesamte Hyg** 1985 Jun;31(6):359–62 (Eng. Abstr.) (Ger)

[Feulgen-DNA cytofluorometry of the liver cell carcinomas] Kagawa K, et al. **Gan No Rinsho** 1984 Oct;30(13):1643–50 (Eng. Abstr.) (Jpn)

[Cytofluorometric analysis of cell kinetics in relation to tumor growth of advanced gastric cancers] Kamachi M, et al. **Gan No Rinsho** 1984 Nov;30(14):1759–66 (Eng. Abstr.) (Jpn)

[DNA cytofluorometry of soft tissue tumors] Kusuzaki K, et al. **Gan No Rinsho** 1984 Dec;30(15):1904–12 (Eng. Abstr.) (Jpn)

[DNA-RNA cytofluorometric analysis of a case of osteosarcoma in relation to histological characteristics] Takeshita H, et al. **Gan No Rinsho** 1985 Jan;31(1):57–64 (Eng. Abstr.) (Jpn)

[Cell kinetics and nuclear ploidy pattern in relation to the growth of gastric cancers as analyzed by DNA-RNA cytofluorometry] Kamachi M, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2342–7 (Eng. Abstr.) (Jpn)

[Cytophotometric DNA analysis of the early and superficial esophageal cancer] Koseki K, et al. **Nippon Geka Gakkai Zasshi** 1984 Jun;85(6):548–54 (Eng. Abstr.) (Jpn)

[DNA measurements by DAPI staining in breast cancer—correlation between DNA content and nuclear grade] Nishi T, et al. **Nippon Geka Gakkai Zasshi** 1985 May;86(5):645 (Jpn)

[Nuclear DNA content of thyroid adenocarcinoma] Yoshida A. **Nippon Geka Gakkai Zasshi** 1984 Oct;85(10):1261–73 (Eng. Abstr.) (Jpn)

[A microphotometric study on the nuclear DNA contents in the cells of human and experimental esophageal cancers] Honma K. **Nippon Geka Hokan** 1984 Sep 1;53(5):631–43 (Eng. Abstr.) (Jpn)

[Cytophotometric investigation of DNA-content in bladder carcinoma: (1) Correlation of DNA-content with histopathological findings and its value in cytologically negative cases] Fujihiro S. **Nippon Hinyokika Gakkai Zasshi** 1984 Apr;75(4):611–8 (Eng. Abstr.) (Jpn)

[Cytophotometric investigation of DNA content in bladder carcinoma: (II). An evaluation of DNA content in follow-up of patients with bladder carcinoma] Fujihiro S. **Nippon Hinyokika Gakkai Zasshi** 1984 May;75(5):815–25 (Eng. Abstr.) (Jpn)

[Flow cytometry in urinary tract malignancies. III. Quantitative analysis of DNA histogram and application to bladder cancer detection, evaluation of the treatment and follow-up examination] Matsuura T, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Jan;76(1):89–95 (Eng. Abstr.) (Jpn)

[Studies on bladder cancer by flow cytometry. I. Evaluation of the malignant potential of bladder cancer based on flow cytometric DNA analysis] Yoshikawa K. **Nippon Hinyokika Gakkai Zasshi** 1985 Apr;76(4):483–90 (Eng. Abstr.) (Jpn)

[Triploid clone observed in the blastic phase of chronic myelogenous leukemia—DNA cytofluorometry] Shimazaki C, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Nov;47(7):1407–13 (Eng. Abstr.) (Jpn)

[Nuclear DNA content of small cell carcinoma of the lung and its relationship to clinical behavior] Abe S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct;22(10):861–7 (Eng. Abstr.) (Jpn)

[Nuclear DNA content and chromosomal counts of cultured cells derived from human cervix with normal and abnormal epithelia] Hayakawa O, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Feb;37(2):229–36 (Eng. Abstr.) (Jpn)

[Flow cytometric studies of human brain tumors. Part 4: Metastatic tumors] Oka N, et al. **No Shinkei Geka** 1984 Oct;12(11):1255–62 (Eng. Abstr.) (Jpn)

[Comparative evaluation of dysplasia and early cancer of the stomach based on analysis of DNA content] Zolotarevskii VB, et al. **Arkh Patol** 1984;46(11):58–66 (Eng. Abstr.) (Rus)

[The origin of 5 S DNA from tumor ascitic fluid] Belokhvostov AS, et al. **Eksp Onkol** 1984;6(4):30–3 (Eng. Abstr.) (Rus)

[Polarographic characteristics of DNA preparations isolated from the tissues of rats with Shvets' erythromyelosis] Mazepa IV, et al. **Eksp Onkol** 1985;7(3):65–8 (Eng. Abstr.) (Rus)

[Present-day goals and aims of the study of DNA levels in tumor cells] Petrova AS, et al. **Eksp Onkol** 1984;6(5):16–24 (Eng. Abstr.) (Rus)

ANTAGONISTS & INHIBITORS

In vitro drug sensitivity of tumor cells is correlated with drug-induced inhibition of DNA synthesis. Brown DR, et al. **Yale J Biol Med** 1984 Nov–Dec;57(6):825–32

BIOSYNTHESIS

Stimulation of DNA synthesis by prolactin in human breast tumor explants. Relation to prolactin receptors. Peyrat JP, et al. **Anticancer Res** 1984 Jul–Oct;4(4–5):257–61

Effects of nicotinamide and structural analogs on DNA synthesis and cellular replication of rat hepatoma cells. Lea MA, et al. **Cancer Biochem Biophys** 1984 Sep;7(3):195–202

Kinetics and sensitivity of daunorubicin in patients with acute leukemia. DeGregorio MW, et al. **Cancer Chemother Pharmacol** 1984;13(3):230–4

Suppression of DNA synthesis in NEL-M1 human melanoma cells by triamcinolone acetonide. DiSorbo DM, et al. **Cancer Res** 1985 Apr;45(4):1633–7

Oxygen dependence of nuclear DNA replication in Ehrlich ascites cells. Probst H, et al. **Exp Cell Res** 1984 Oct;154(2):327–41

Increased incorporation of 5-fluorodeoxyuridine into DNA of human T-lymphoblastic cell lines. Tanaka M, et al. **Gann** 1984 Nov;75(11):986–92

Radiation-induced inhibition of thymidine incorporation in vivo as a measure of the initial slope and RBEn/gamma. Dubravsky NB, et al. **Int J Radiat Oncol Biol Phys** 1985 Aug;11(8):1513–7

Incorporation of 5-substituted pyrimidine nucleoside analogues into DNA of a thymidylate synthetase-deficient murine FM3A carcinoma cell line. Balzarini J, et al. **Methods Find Exp Clin Pharmacol** 1985 Jan;7(1):19–28

1-beta-D-arabinosyl-5-azacytosine. Cytocidal activity and effects on the synthesis and methylation of DNA in human colon carcinoma cells. Glazer RI, et al. **Mol Pharmacol** 1984 Sep;26(2):381–7

Evidence for indirect involvement of thymidine kinase in excision repair processes in mouse cell lines. McKenna PG, et al. **Somatic Cell Mol Genet** 1985 May;11(3):239–46

Inhibition of macromolecular synthesis in P388 mouse leukemia ascites cells by bouvardin (NSC 259968). Chitnis M, et al. **Tumori** 1985 Jun 30;71(3):261–6

Caryometry and nuclear ultrastructure of cultured human breast cancer cells (FAM) after oestradiol administration. Gay G, et al. **Virchows Arch [Cell Pathol]** 1985;48(1):47–57

[Effects of aclacinomycin B on biological macromolecular contents and synthesis of L1210 cells] Li ZR, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Jun;6(3):174–8 (Eng. Abstr.) (Chi)

[Effects of hematoporphyrin derivatives—photoirradiation on DNA and RNA synthesis in L1210 cells] Li ZR, et al. **Yao Hsueh Hsueh Pao** 1985 Jan;20(1):17–20 (Eng. Abstr.) (Chi)

[Isotope studies of the reaction of peripheral blood cells with 3H-thymidine in breast diseases] Agranat VZ, et al. **Radiobiol Radiother (Berl)** 1985;26(1):133–8 (Eng. Abstr.) (Ger)

[An in vitro sensitivity assay of anti-cancer agents by measuring the inhibition rate of DNA synthesis (3H-thymidine uptake) of cancer cells—clinical study] Nio Y, et al. **Nippon Geka Gakkai Zasshi** 1985 Jan;86(1):8–22 (Eng. Abstr.) (Jpn)

[Disruption of DNA synthesis and structure of mouse L1210 leukemia cells, sensitive and resistant to 1-methyl-1 nitrosourea and 1,3-bis(2-chloroethyl)-1-nitrosourea in vivo] Kukushkina GV, et al. **Biokhimiia** 1984 Jul;49(7):1189–98 (Eng. Abstr.) (Rus)

[Effect of lipid peroxidation on DNA synthesis in Ehrlich ascites carcinoma cells] Popov GA, et al. **Biokhimiia** 1984 Jul;49(7):1199–202 (Eng. Abstr.) (Rus)

[Effect of 1,2:5,6-dianhydrogalactitol and 1,2:5,6-dianhydro-3,4-diacetylgalactitol on DNA synthesis in the cells of melanoma B16, bone marrow, small intest epithelium, spleen and liver of mice] Sokolova IS, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):301–3 (Eng. Abstr.) (Rus)

[The effect of preparations of microbial glutamin(asparagin)ase on cultured tumor cells] Pekhov AA, et al. **Eksp Onkol** 1984;6(1):55–7 (Eng. Abstr.) (Rus)

[Radiosensitizing of experimental animal tumors using inhibitors of repair] Gotlib VIa, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):25–9 (Rus)

[Initiation of unscheduled synthesis on DNA sites associated with a nuclear matrix of irradiated hepatoma cells] Gaziev AI, et al. **Radiobiologiia** 1985 Jan–Feb;25(1):137–8 (Eng. Abstr.) (Rus)

[Sensitivity of DNA synthesis to gamma-irradiation in Ehrlich ascites carcinoma cells in stationary and logarithmic growth phases] Karpova EV, et al. **Radiobiologiia** 1985 Jul–Aug;25(4):525–7 (Eng. Abstr.) (Rus)

[Repair of the nucleoid of sarcoma 37 cells in vitro or in vivo. The effect of HEPES buffer] Synzynys BI, et al. **Radiobiologiia** 1984 Sep–Oct;24(5):641–2 (Eng. Abstr.) (Rus)

GENETICS

Tumour ploidy in DNA histograms of pituitary adenomas. Lüdecke DK, et al. **Acta Neurochir (Wien)** 1985; 76(1-2):18-22

Phenotypic heterogeneity at the DNA level in childhood leukemia with a mediastinal mass. Ha K, et al. **Cancer** 1985 Aug 1;56(3):509-13

Activation of a novel human transforming gene, ret, by DNA rearrangement. Takahashi M, et al. **Cell** 1985 Sep; 42(2):581-8

DNA sequences involved in the rearrangement and expression of the murine c-myc gene. Dunnick W, et al. **Curr Top Microbiol Immunol** 1984;113:154-60

Cloning of a gene expressed in human breast cancer and regulated by estrogen in MCF-7 cells. Prud'homme JF, et al. **DNA** 1985 Feb;4(1):11-21

Tumors induced in hairless mice by DNA from human malignant cells. Kisseljov FL, et al. **Hamatol Bluttransfus** 1985;29:314-6

Isolation of activated ras transforming genes from two patients with Hodgkin's disease. Sklar MD, et al. **Int J Radiat Oncol Biol Phys** 1985 Jan;11(1):49-55

Hepatitis B viral DNA in infected human liver and in hepatocellular carcinoma. Miller RH, et al. **J Infect Dis** 1985 Jun;151(6):1081-92

Integration of spleen focus-forming virus proviruses in Friend tumor cells. Moreau-Gachelin F, et al. **J Virol** 1985 Jan;53(1):292-5

Concerted DNA rearrangements in Moloney murine leukemia virus-induced thymomas: a potential synergistic relationship in oncogenesis. Tsichlis PN, et al. **J Virol** 1985 Oct;56(1):258-67

Hypomethylation of DNA in human cancer cells: a site-specific change in the c-myc oncogene. Cheah MS, et al. **JNCI** 1984 Nov;73(5):1057-65

Contribution of immunophenotype to the classification and differential diagnosis of acute leukaemia. Chan LC, et al. **Lancet** 1985 Mar 2;1(8427):475-9

Genomic alterations involving the c-myc proto-oncogene locus during the evolution of a case of chronic granulocytic leukaemia. McCarthy DM, et al. **Lancet** 1984 Dec 15; 2(8416):1362-5

Variation in myc gene amplification and expression in sublines of HL60 cells. Graham SV, et al. **Leuk Res** 1985; 9(2):239-47

DNA-mediated transfer of human melanoma cell surface glycoprotein gp130: identification of transfectants by erythrocyte rosetting. Albino AP, et al. **Mol Cell Biol** 1985 Apr;5(4):692-7

Transformation of NIH 3T3 cells by DNA of the MCF-7 human mammary carcinoma cell line induces expression of an endogenous murine leukemia provirus. Becker D, et al. **Mol Cell Biol** 1984 Nov;4(11):2247-52

New human transforming genes detected by a tumorigenicity assay. Fasano O, et al. **Mol Cell Biol** 1984 Sep;4(9):1695-705

Genetic mapping of a cellular DNA region involved in induction of thymic lymphomas (Mlvi-1) to mouse chromosome 15. Kozak CA, et al. **Mol Cell Biol** 1985 Apr; 5(4):894-7

Structure and localization of genes encoding aberrant and normal epidermal growth factor receptor RNAs from A431 human carcinoma cells. Merlino GT, et al. **Mol Cell Biol** 1985 Jul;5(7):1722-34

Rearrangements in the long terminal repeat of extra mouse mammary tumor proviruses in T-cell leukemias of mouse strain GR result in a novel enhancer-like structure. Michalides R, et al. **Mol Cell Biol** 1985 Apr;5(4):823-30

Monoclonal proliferation of Friend murine leukemia virus-transformed myeloblastic cells occurs early in the leukemogenic process. Sola B, et al. **Mol Cell Biol** 1985 May;5(5):1009-14

NIH/3T3 cells transfected with human tumor DNA containing activated ras oncogenes express the metastatic phenotype in nude mice. Thorgeirsson UP, et al. **Mol Cell Biol** 1985 Jan;5(1):259-62

Isolation of a new human oncogene from a diffuse B-cell lymphoma. Eva A, et al. **Nature** 1985 Jul 18-24; 316(6025):273-5

Murine T lymphomas with retroviral inserts in the chromosomal 15 locus for plasmacytoma variant translocations. Graham M, et al. **Nature** 1985 Apr 25-May 1;314(6013):740-3

Rearrangements of T-cell receptor gene YT35 in human DNA from thymic leukaemia T-cell lines and functional T-cell clones. Toyonaga B, et al. **Nature** 1984 Sep 27-Oct 3;311(5984):385-7

Unusual plasmid DNA organization in an octopine crown gall tumor. Kwok WW, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):459-71

Oncogenes in laryngeal cancer: serial passage of transformed cellular DNA. Friedman WH, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):346-50

Expression of the metastatic phenotype in cells transfected with human metastatic tumor DNA. Bernstein SC, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1726-30

Activation of pS2 gene transcription is a primary response to estrogen in the human breast cancer cell line MCF-7. Brown AM, et al. **Proc Natl Acad Sci USA** 1984 Oct; 81(20):6344-8

Loss of polymorphic restriction fragments in malignant melanoma: implications for tumor heterogeneity. Dracopoli NC, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1470-4

T-cell receptor gene rearrangements as markers of lineage and clonality in T-cell neoplasms. Flug F, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3460-4

Isolation of a gene enhancer within an amplified inverted duplication after 'expression selection'. Ford M, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3370-4

Detection of a raf-related and two other transforming DNA sequences in human tumors maintained in nude mice. Fukui M, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5954-8

Transformation of human cells by DNAs ineffective in transformation of NIH 3T3 cells. Sutherland BM, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2399-403

Isolation of embryonal carcinoma cell lines that express integrated recombinant genes flanked by the Moloney murine leukemia virus long terminal repeat. Taketo M, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2422-6

Glycosylation changes in membrane glycoproteins after transfection of NIH 3T3 with human tumor DNA. Glick MC, et al. **Prog Clin Biol Res** 1985;175:229-37

Studies on the expression of the amplified domain in human neuroblastoma cells. Melera PW, et al. **Prog Clin Biol Res** 1985;175:115-29

Possible relationship of chromosome abnormalities and gene amplification with effects of chemotherapy: a neuroblastoma xenograft study. Tsuchida Y, et al. **Prog Clin Biol Res** 1985;175:171-80

Amplification of a novel v-erbB-related gene in a human mammary carcinoma. King CR, et al. **Science** 1985 Sep 6;229(4717):974-6

The neu gene: an erbB-homologous gene distinct from and unlinked to the gene encoding the EGF receptor. Schechter AL, et al. **Science** 1985 Sep 6;229(4717):976-8

Cottontail rabbit papillomavirus-specific transcripts in transplantable tumors with integrated DNA. Nasseri M, et al. **Virology** 1984 Oct 30;138(2):362-7

[Transforming activity of DNA from primary hepatocellular carcinoma and the 7402 cell line on NIH/3T3 cells] Guo C. **Chung Hua Chung Liu Tsa Chih** 1985 Jan;7(1):3-5 (Eng. Abstr.) (Chi)

[DNA aneuploidy in children with acute leukemia: I. Incidence and clinical significance within the scope of the BFM studies] Hiddemann W, et al. **Klin Padiatr** 1985 May-Jun;197(3):215-20 (Eng. Abstr.) (Ger)

[DNA aneuploidy in children with acute leukemia: II. Correlation with the phenotype of blasts, clinical picture and course of disease] Ritter J, et al. **Klin Padiatr** 1985 May-Jun;197(3):221-4 (Eng. Abstr.) (Ger)

[New knowledge on the molecular mechanism of activation of oncogenes and effect of oncogene DNA on protein synthesis] Kolb E. **Z Gesamte Inn Med** 1984 Dec 15; 39(24):605-11 (Eng. Abstr.) (Ger)

[Novel transforming genes detected in human stomach cancer cells] Simizu K. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):641-5 (Eng. Abstr.) (Jpn)

[DNA levels in the cell nuclei of nervous system tumors induced by ethylnitrosourea] Khalanskiĭ AS, et al. **Eksp Onkol** 1984;6(1):32-6 (Eng. Abstr.) (Rus)

[Amplification of nucleotide sequences homologous to the viral myc oncogene in DNA of colonic mucosa in a patient with cancer of the same location] Seits IF, et al. **Vopr Onkol** 1985;31(8):52-6 (Eng. Abstr.) (Rus)

ISOLATION & PURIFICATION

Purification of DNA from formaldehyde fixed and paraffin embedded human tissue. Goelz SE, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):118-26

Mass characteristics of DNA obtained from chromosomes of a human carcinoma cell line. Stickel SK, et al. **Chromosoma** 1985;92(3):234-41

Differentiation of two mouse cell lines is associated with hypomethylation of their genomes. Bestor TH, et al. **Mol Cell Biol** 1984 Sep;4(9):1800-6

New human transforming genes detected by a tumorigenicity assay. Fasano C, et al. **Mol Cell Biol** 1984 Sep;4(9):1695-705

Attachment of repeated sequences to the nuclear cage. Jackson DA, et al. **Nucleic Acids Res** 1984 Sep 11; 12(17):6709-26

METABOLISM

Mechanism of rapid tumor lysis by human ADCC: mediation by monoclonal antibodies and fragmentation of target cell DNA. Sears DW, et al. **Adv Exp Med Biol** 1985;184:509-25

Vascular tumors produced by NIH/3T3 cells transfected with human AIDS Kaposi's sarcoma DNA. Lo SC, et al. **Am J Pathol** 1985 Jan;118(1):7-13

DNA damage in normal and neoplastic mouse tissues after treatment with misonidazole in vivo. Murray D, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3275-9

Absence of a requirement for long-range DNA torsional strain in the production of protein-associated DNA strand breaks in isolated mammalian cell nuclei by the DNA intercalating agent 4'-(9-acridinylamino)methanesulfon-m-anisidide (m-AMSA). Pommier Y, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3909-12

Two mechanisms of adriamycin-DNA interaction in L1210 cells. Potmesil M, et al. **Biochem Pharmacol** 1984 Oct 15; 33(20):3137-42

Enhancement of intercalator-induced deoxyribonucleic acid scission and cytotoxicity in murine leukemia cells treated with 5-azacytidine. Zwelling LA, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3903-6

DNA damage and growth inhibition in cultured human cells by bleomycin congeners. Berry DE, et al. **Biochemistry** 1985 Jun 18;24(13):3207-14

DNA damage induced by bleomycin in the presence of dibucaine is not predictive of cell growth inhibition. Berry DE, et al. **Biochemistry** 1985 Jun 18;24(13):3214-9

Conformation of control and acetylated HeLa stripped chromatin after reassociation with H1. Hüvös P, et al. **Biopolymers** 1984 Nov;23(11 Pt 1):2195-210

DNA content in renal cell carcinoma with reference to tumor heterogeneity. Ljungberg B, et al. **Cancer** 1985 Aug 1; 56(3):503-8

DNA alkali-labile sites induced by incorporation of 5-aza-2'-deoxycytidine into DNA of mouse leukemia L1210 cells. D'Incalci M, et al. **Cancer Res** 1985 Jul; 45(7):3197-202

Interactions of mitomycin C with mammalian DNA detected by alkaline elution. Dorr RT, et al. **Cancer Res** 1985 Aug; 45(8):3510-6

Effects of selenium on 7,12-dimethylbenz(a)anthracene-induced mammary carcinogenesis and DNA adduct formation. Ip C, et al. **Cancer Res** 1985 Jan;45(1):61-5

Enhancement of the DNA breakage and cytotoxic effects of intercalating agents by treatment with sublethal doses of 1-beta-D-arabinofuranosylcytosine or hydroxyurea in L1210 cells. Minford J, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5583-93

Role of topoisomerase II in mediating epipodophyllotoxin-induced DNA cleavage. Ross W, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5857-60

Methylation and expression of rat kappa-casein gene in normal and neoplastic rat mammary gland. Thompson MD, et al. **Cancer Res** 1985 Mar;45(3):1291-5

Denaturation and condensation of DNA in situ induced by acridine orange in relation to chromatin changes during growth and differentiation of Friend erythroleukemia cells. Darzynkiewicz Z, et al. **Cytometry** 1985 May;6(3):195-207

DNA regions associated with the nuclear matrix of Ehrlich ascites cells expose single-stranded sites after deproteinization. Probst H, et al. **Eur J Biochem** 1985 Jan 2;146(1):167-71

Abnormal cellular DNA content as a marker of neoplasia. Barlogie B. **Eur J Cancer Clin Oncol** 1984 Sep;20(9):1123-5

DNA hypermethylation and changes in gene expression may be related to the chemotherapeutic action of cytarabin [letter] Boehm TL, et al. **Eur J Cancer Clin Oncol** 1984 Dec;20(12):1561-3

Methylation pattern of the bovine leukemia provirus genome in bovine leukemic cells. Ogawa Y, et al. **Gann** 1985 Jan; 76(1):5-8

Production of continuous mouse plasma cell lines by transfection with human leukemia DNA. Jonak ZL, et al. **Hybridoma** 1984 Summer;3(2):107-18

Progression to steroid autonomy in S115 mouse mammary tumor cells: role of DNA methylation. Darbre P, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1410-5

Resistance of mouse lymphoma L5178YAII cells to alkylation with methylmethane sulphonate resides in a late step of excision repair. Pearson CM, et al. **J Cell Sci** 1984 Jun;68:35-48

Flow cytometric analysis of deoxyribonucleic acid (DNA) content in adult leukemia. Hirosawa S, et al. **Jpn J Med** 1984 Aug;23(3):220-7

Influence of nicotine on DNA metabolism. Altmann H, et al. **Klin Wochenschr** 1984;62 Suppl 2:101-4

Differential methylation of class I histocompatibility antigen genes in T-cell lines derived from two different types of T-cell malignancies. Clarke MF, et al. **Leuk Res** 1984; 8(6):965-73

Growth conditions of F9 embryonal carcinoma cells affect the degree of DNA methylation. Erickson RP, et al. **Mol Biol Rep** 1984 Dec;10(2):109-13

Long term instability and molecular mechanism of 5-azacytidine-induced DNA hypomethylation in normal and neoplastic tissues in vivo. Lu LJ, et al. **Mol Pharmacol** 1984 Nov;26(3):594-603

Accumulation of DNA strand breaks and methotrexate cytotoxicity. Li JC, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5694-8

Effects of hyperthermia on DNA interstrand crosslinking after treatment with BCNU in 9L rat brain tumor cells. Tofilon PJ, et al. **Radiat Res** 1985 Sep;103(3):373-82

Hypomethylation of DNA from benign and malignant human colon neoplasms. Goelz SE, et al. **Science** 1985 Apr 12; 228(4696):187-90

[DNA oriented automated malignancy diagnosis and malignancy grading in prostatic cancer] Seppelt U, et al. **Urol Int** 1985;40(2):76-81 (Eng. Abstr.) (Ger)

[Effect of phosphemide in combination with dexamethasone on DNA structure in sarcoma 45] Babaian IuS, et al. **Biofizika** 1985 May-Jun;30(3):414-7 (Eng. Abstr.) (Rus)

[Isolation and properties of membrane-bound DNA of the chromatin peripheral layer in the blood of healthy cattle and cattle with chronic lympholeukemia] Prusov AN, et al. **Biokhimiia** 1984 Jul;49(7):1203-11 (Eng. Abstr.) (Rus)

[Template-bound RNA polymerase II is concentrated in the nuclear skeleton-contiguous DNA fraction and preserves the capability of elongating the RNA chains in nuclear matrix preparations] Razin SV, et al.

Dokl Akad Nauk SSSR 1985 Mar-Apr;281(1):220-3 (Rus)

[Study of DNA synthesis in short-term cultures of mammalian cells in the evaluation of the reaction of tumor and normal tissues to irradiation and hyperthermia] Synzynys BI, et al. **Radiobiologiia** 1985 Mar-Apr; 25(2):179-84 (Eng. Abstr.) (Rus)

[Role of enzymatic DNA methylation in cell differentiation and carcinogenesis] Khodosova IA. **Tsitologiia** 1985 Mar; 27(3):259-67 (232 ref.) (Eng. Abstr.) (Rus)

[Changes in the structure of DNA induced by sarcolysine in vivo and in vitro] Babaian IuC, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):92-5 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

[Transforming activity of the DNA from human hepatoma cells] Dukanidin EM, et al. **Dokl Akad Nauk SSSR** 1984; 279(6):1508-10 (Rus)

[Tumors in athymic mice induced by DNA from transformed human cells] Topol' LZ, et al. **Dokl Akad Nauk SSSR** 1985; 280(5):1261-3 (Rus)

RADIATION EFFECTS

Predicting radiocurability. Peters LJ, et al. **Cancer** 1985 May 1;55(9 Suppl):2118-22

Poly (ADP-ribose) is not involved in the rejoining of DNA breaks accumulated to high levels in u.v.-irradiated HeLa cells. Collins A. **Carcinogenesis** 1985 Jul;6(7):1033-6

Detection in situ of gamma-ray-induced DNA strand breaks in single cells: enzymatic labelling of free 3'-OH ends. Fertil B, et al. **Int J Radiat Biol** 1984 Nov;46(5):529-40

Combined effects of radiosensitizers and radioprotectors on cultured mammalian cells to Co-60 gamma-rays. Antoku S, et al. **J Radiat Res (Tokyo)** 1984 Dec;25(4):305-13

Kinetics of recombinational hybrid formation in X-irradiated mammalian cells: a possible first step in the repair of DNA double-strand breaks. Fonck K, et al. **Mutat Res** 1984 Sep-Oct;132(3-4):113-8

[Comparative study of the accumulation of free radicals and DNA breaks during the gamma irradiation of DNA solutions and cells] Zhizhina GP, et al. **Dokl Akad Nauk SSSR** 1985;281(6):1466-70 (Rus)

[Gamma-irradiation induced weakening of the stability of the DNA bond with nuclear matrix proteins] S'iakste NI, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):74-6 (Rus)

THERAPEUTIC USE

Effect of homologous tumor DNA on the evolution of SV40-induced hamster sarcoma. Nastac E, et al. **Virologie** 1985 Jan-Mar;36(1):31-6

DNA NICKING-CLOSING PROTEINS see **DNA UNTWISTING PROTEINS**

DNA NUCLEOTIDYLEXOTRANSFERASE see under **DNA NUCLEOTIDYLTRANSFERASES**

DNA NUCLEOTIDYLTRANSFERASES

Terminal deoxynucleotidyltransferase. Alignment of alpha- and beta-subunits of the core enzyme along the primary translation product. Beach CM, et al. **Biochem J** 1985 May 1;227(3):1003-7

ANALYSIS

Terminal deoxynucleotidyl transferase positivity in neuroblastoma [letter] O'Meara A, et al. **Acta Haematol (Basel)** 1985;73(2):124-5

Immunoperoxidase determination of terminal deoxynucleotidyl transferase in acute leukemia using PAP and ABC methods: experience in 102 cases. Lanham GR, et al. **Am J Clin Pathol** 1985 Mar;83(3):366-70

Terminal deoxynucleotidyl transferase-positive acute leukemias evolving from a myelodysplastic syndrome. Brusamolino E, et al. **Am J Hematol** 1985 Oct;20(2):187-90

Fluorimetric assay for terminal deoxynucleotidyl transferase activity. Deibel MR Jr, et al. **Anal Biochem** 1985 Feb 1; 144(2):336-46

Maturation asynchrony in leukemic cells. An abnormal combination of normal cell markers. Reizenstein P, et al. **Anticancer Res** 1985 Jul-Aug;5(4):361-2

Characterization of acute undifferentiated leukemia by combined analysis of plasma membrane-associated gamma-glutamyltranspeptidase and soluble terminal transferase. Heumann D, et al. **Blood** 1985 Aug;66(2):255-8

Antigenic phenotype of TdT-positive cells in human peripheral blood. Bradstock KF, et al. **Cell Immunol** 1985 Feb;90(2):590-8

A selective culture system for generating terminal deoxynucleotidyl transferase-positive (TdT+) lymphoid precursor cells in vitro. I. Description of the culture system. Hayashi J, et al. **J Exp Med** 1984 Dec 1;160(6):1622-39

Frozen RPMI 8402 cells: a reliable source of terminal deoxynucleotidyl transferase positive control material. Barth CL, et al **J Immunol Methods** 1985 Feb 11; 76(2):205-9

Studies on terminal deoxynucleotidyl transferase and adenosine deaminase in myasthenic thymus. Vezzoni P, et al. **J Neuroimmunol** 1984 Sep-Oct;6(6):427-33

Terminal transferase activity and lymphoblastic neoplasms [editorial] Murphy S, et al. **N Engl J Med** 1984 Nov 22; 311(21):1373-5

Phenotype of the terminal transferase-positive cells in human foetal liver and bone-marrow: analysis with monoclonal antibodies. Bonati A, et al. **Scand J Haematol** 1984 Nov; 33(5):418-24

[Acute positive Tdt leukemia with megakaryoblastic involvement. Apropos of an observation of an infant] Guérin V, et al. **Nouv Rev Fr Hematol** 1984;26(5):329-33 (Eng. Abstr.) (Fre)

[Acute nonmyeloid leukemia in adults. Study of membrane antigens and terminal transferase. Diagnostic and prognostic value] Ifrah N, et al. **Presse Med** 1985 Jan 26; 14(3):137-41 (Eng. Abstr.) (Fre)

[A case of sideroblastic anemia terminating in TdT-positive acute lymphoblastic leukemia] Akiyoshi R, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1641-5 (Eng. Abstr.) (Jpn)

ANTAGONISTS & INHIBITORS

Inhibition of DNA polymerase alpha, DNA polymerase beta, terminal deoxynucleotidyl transferase, and DNA ligase II by poly(ADP-ribosyl)ation reaction in vitro. Yoshihara K, et al. **Biochem Biophys Res Commun** 1985 Apr 16; 128(1):61-7

Effects of antileukemic agents on the activity of terminal deoxynucleotidyl transferase from human normal thymic and leukemic cells 'in vitro'. Rusquet R, et al. **Leuk Res** 1985;9(7):859-67

BIOSYNTHESIS

Cyclic AMP induces terminal deoxynucleotidyl transferase in immature B cell leukemia lines. Siden EJ, et al. **J Immunol** 1985 Aug;135(2):1518-22

BLOOD

Avidin-biotin amplification procedures for the detection of human terminal deoxynucleotidyl transferase in cell smears. Fetterhoff TJ, et al. **Am J Clin Pathol** 1985 May; 83(5):565-70

Chronic anemia progressing to Auer rod-positive and TdT-positive acute leukemia with 5q- chromosomal anomaly. Xavier AM, et al. **Am J Hematol** 1984; 17(4):409-16

Detection of circulating 'terminal transferase-positive' cells does not predict relapse in acute lymphoblastic leukemia. Barr RD, et al. **Leuk Res** 1984;8(6):1051-5

GENETICS

The FLP recombinase of the 2 mu circle DNA of yeast: interaction with its target sequences. Andrews BJ, et al. **Cell** 1985 Apr;40(4):795-803

The nature of the interaction of the P1 recombinase Cre with the recombining site loxP. Hoess R, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:761-8

The bacteriophage P1 site-specific recombinase cin: recombination events and DNA recognition sequences. Iida S, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:769-77

Expression of the bacteriophage P1 cin recombinase gene from its own and heterologous promoters. Huber HE, et al. **Gene** 1985;34(1):63-72

Isolation of protease-proficient, recombinase-deficient recA mutants of Escherichia coli K-12. Tessman ES, et al. **J Bacteriol** 1985 Aug;163(2):688-95

Expression of human terminal deoxynucleotidyl transferase in Escherichia coli. Peterson RC, et al. **J Biol Chem** 1985 Sep 5;260(19):10495-502

Insertion of N regions into heavy-chain genes is correlated with expression of terminal deoxytransferase in B cells. Desiderio SV, et al. **Nature** 1984 Oct 25-31;311(5988):752-5

Chromosome localization of the gene for human terminal deoxynucleotidyltransferase to region 10q23-q25. Isobe M, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5836-40

Cloning of terminal transferase cDNA by antibody screening. Landau NR, et al. **Proc Natl Acad Sci USA** 1984 Sep; 81(18):5836-40

IMMUNOLOGY

A new solid-phase immunoassay for terminal deoxynucleotidyl transferase: analysis of TdT antigen in cells, plasma, and serum. Coleman MS, et al. **Blood** 1985 Jan;65(1):41-5

METABOLISM

Adenosine deaminase and terminal deoxynucleotidyl transferase in human lymphomas: an aid to the diagnosis and subclassification of lymphoblastic lymphomas. Vezzoni P, et al. **Am J Hematol** 1985 Jul;19(3):219-27

Myeloperoxidase and terminal deoxynucleotidyl transferase in leukemic cells [letter] Cattoretti G. **Blood** 1985 Jan; 65(1):249-50

Terminal transferase positive acute promyelocytic leukemia: in vitro differentiation of a T-lymphocytic/promyelocytic hybrid phenotype. Paietta E, et al. **Blood** 1985 Jan; 65(1):107-14

Prognostic significance of terminal transferase activity and glucocorticoid receptor levels in acute myeloid leukemia. Skoog L, et al. **Br J Cancer** 1984 Oct;50(4):443-9

Terminal deoxynucleotidyl transferase activity in childhood leukemia. Winick N, et al. **Cancer** 1985 May 1;55(9):1943-7

Single-step elongation of oligodeoxynucleotides using terminal deoxynucleotidyl transferase. Schott H, et al. **Eur J Biochem** 1984 Sep 17;143(3):613-20

Terminal transferase surveillance of remission bone marrows in childhood acute lymphoblastic leukemia: improved sensitivity with countercurrent centrifugal elutriation. Lauer SJ, et al. **J Clin Lab Immunol** 1985 Jan;16(1):17-22

Relationships between terminal transferase expression, stem cell colonization, and thymic maturation in the avian embryo: studies in thymic chimeras resulting from homospecific and heterospecific grafts. Penit C, et al. **J Immunol** 1985 Apr;134(4):2149-54

Developmental abnormalities of terminal deoxynucleotidyl transferase positive bone marrow cells and thymocytes in New Zealand mice: effects of prostaglandin E1. Whittum J, et al. **J Immunol** 1985 Jul;135(1):272-80

Mechanism of strand cleavage and exchange in the Cre-lox site-specific recombination system. Hoess RH, et al. **J Mol Biol** 1985 Feb 5;181(3):351-62

Disappearance of terminal deoxynucleotidyltransferase in human malignant T-lymphoblasts treated with a human alpha interferon preparation. Takano S, et al. **Microbiol Immunol** 1984;28(10):1111-5

Occurrence of a terminal deoxynucleotidyl transferase-like activity in N-2-fluorenylacetamide-treated rat liver. Yoshida S, et al. **Nagoya J Med Sci** 1985 Jan;47(1-2):43-9

PHYSIOLOGY

Site-specific inversion: enhancers, recombination proteins, and mechanism. Craig NL. **Cell** 1985 Jul;41(3):649-50 (16 ref.)

DNA PHOTOLYASE see under **LYASES**

DNA POLYMERASE ALPHA see **DNA POLYMERASE II**

DNA POLYMERASE BETA see **DNA POLYMERASE I**

DNA POLYMERASE I

Conservation of molecular structure of DNA polymerase beta in vertebrates probed by tryptic peptide mapping. Tanabe K, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):365-70

Structure of large fragment of Escherichia coli DNA polymerase I complexed with dTMP. Ollis DL, et al. **Nature** 1985 Feb 28-Mar 6;313(6005):762-6

ANTAGONISTS & INHIBITORS

Inhibition of DNA polymerase alpha, DNA polymerase beta, terminal deoxynucleotidyl transferase, and DNA ligase II by poly(ADP-ribosyl)ation reaction in vitro. Yoshihara K, et al. **Biochem Biophys Res Commun** 1985 Apr 16; 128(1):61-7

Novobiocin-mediated inhibition of polymerization and ligation of DNA in vitro. Meechan PJ, et al. **Mutat Res** 1984 Oct;141(2):69-73

Inhibitory effects of 1-beta-D-arabinofuranosyl-5-styryluracil 5'-triphosphates on DNA-dependent DNA polymerases alpha and beta from developing cherry salmon (Oncorhynchus masou) testes: on the approach to the selective affinity chromatography for DNA polymerase alpha. Izuta S, et al. **Nucleic Acids Symp Ser** 1984;(15):73-6

GENETICS

Plasmid cloning of DNA polymerase I in Escherichia coli and Saccharomyces cerevisiae. Spanos A, et al. **Adv Exp Med Biol** 1984;179:363-72

Restoration of viability to an Escherichia coli mutant deficient in the 5'----3' exonuclease of DNA polymerase I. Boling M, et al. **J Bacteriol** 1984 Nov;160(2):706-10

Frameshift mutagenesis by acridines in wild-type, uvrB and polA strains of Salmonella typhimurium with and without plasmid pKM101. Ferguson LR, et al. **Mutat Res** 1984 Oct; 141(2):83-8

Frameshift mutagenesis by ultraviolet and gamma radiations in Salmonella: SOS inducibility and effects of DNA polymerase I. MacPhee DG, et al. **Mutat Res** 1985 Sep; 151(2):209-15

Involvement of helicase II (uvrD gene product) and DNA polymerase I in excision mediated by the uvrABC protein complex. Caron PR, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4925-9

Absence of RNase H allows replication of pBR322 in Escherichia coli mutants lacking DNA polymerase I. Kogoma T. **Proc Natl Acad Sci USA** 1984 Dec; 81(24):7845-9

ISOLATION & PURIFICATION

DNA polymerases of Chlorella. II. Characterization to distinguish the two enzymes. Aoshima J, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):461-73

Purification and characterization of a DNA polymerase beta from Drosophila*. Sakaguchi K, et al. **J Biol Chem** 1985 Sep 5;260(19):10406-11

Purification of a DNA primase activity from the yeast Saccharomyces cerevisiae. Primase can be separated from DNA polymerase I. Wilson FE, et al. **J Biol Chem** 1985 Jul 5;260(13):8173-81

[Isolation and various properties of beta DNA polymerase from the embryos of the sea urchin Strongylocentrotus intermedius] Terent'ev LI., et al. **Biokhimiia** 1984 Jul; 49(7):1103–9 (Eng. Abstr.) **(Rus)**

METABOLISM

Interaction of DNA accessory proteins with DNA polymerase beta of the Novikoff hepatoma. Meyer RR, et al. **Adv Exp Med Biol** 1984;179:355–61

De novo DNA synthesis by yeast DNA polymerase I associated with primase activity. Plevani P, et al. **Adv Exp Med Biol** 1984;179:281–6

Replacement synthesis labeling of DNA molecules in vitro using the Escherichia coli exonuclease III/DNA polymerase I enzyme pair. James CD, et al. **Anal Biochem** 1984 Aug 15;141(1):33–7

Molecular assessment of S1 endonuclease–resistant snapback hairpin loops generated by DNA polymerase I during the in–vitro nick translation reaction. Norgard MV. **Appl Biochem Biotechnol** 1985 Feb;11(1):1–15

Increased DNA polymerase beta–activity in different regions of aging rat brain. Subba Rao KV, et al. **Biochem Int** 1984 Sep;9(3):391–7

Stereochemical course of the 3'——5'–exonuclease activity of DNA polymerase I. Gupta AP, et al. **Biochemistry** 1984 Nov 20;23(24):5874–81

Base–pairing properties of N4–methoxydeoxycytidine 5'–triphosphate during DNA synthesis on natural templates, catalyzed by DNA polymerase I of Escherichia coli. Reeves ST, et al. **Biochemistry** 1985 Apr 23; 24(9):2262–8

The excision of AP sites by the 3'–5' exonuclease activity of the Klenow fragment of Escherichia coli DNA polymerase I. Bailly V, et al. **FEBS Lett** 1984 Dec 10; 178(2):223–7

Heat–induced alterations in DNA polymerase activity of HeLa cells and of isolated nuclei. Relation to cell survival. Kampinga HH, et al. **Int J Radiat Biol** 1985 Jan;47(1):29–40

The mutational specificity of DNA polymerase–beta during in vitro DNA synthesis. Production of frameshift, base substitution, and deletion mutations. Kunkel TA. **J Biol Chem** 1985 May 10;260(9):5787–96

Characterization of DNA polymerase I*, a form of DNA polymerase I found in Escherichia coli expressing SOS functions. Lackey D, et al. **J Biol Chem** 1985 Mar 10; 260(5):3178–84

Fidelity of DNA polymerases isolated from regenerating liver chromatin of aging Mus musculus. Silber JR, et al. **J Biol Chem** 1985 Jan 25;260(2):1304–10

Fidelity of DNA polymerase–beta in neurons from young and very aged mice. Subba Rao K, et al. **J Neurochem** 1985 Oct;45(4):1273–8

Excision repair in permeable arrested human skin fibroblasts damaged by UV (254 nm) radiation: evidence that alpha- and beta–polymerases act sequentially at the repolymerisation step. Keyse SM, et al. **Mutat Res** 1985 Jul;146(1):109–19

Molecular mechanisms of manganese mutagenesis. El–Deiry WS, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(23):7378–82

Site–specifically modified oligodeoxyribonucleotides as templates for Escherichia coli DNA polymerase I. O'Connor D, et al. **Proc Natl Acad Sci USA** 1985 Apr; 82(8):2325–9

[Mechanisms of radiation impairment of DNA biosynthesis. Separation, partial purification, characteristics of and changes in DNA polymerase alpha and beta activities of rat bone marrow at early stages after gamma irradiation and comparison with the status of repair and replication biosynthesis of DNA] Mazurik VK, et al. **Radiobiologiia** 1985 Jul–Aug;25(4):444–8 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

DNA polymerase alpha and beta activities during the cell cycle and their role in heat radiosensitization in Chinese hamster ovary cells. Mivechi NF, et al. **Radiat Res** 1985 Sep;103(3):337–50

DNA POLYMERASE II

ANALYSIS

Paradoxes of in situ polyacrylamide gel assays for DNA polymerase priming. Banks GR. **Adv Exp Med Biol** 1984; 179:287–93

ANTAGONISTS & INHIBITORS

Inhibition of human and woodchuck hepatitis virus DNA polymerase by the triphosphates of acyclovir, 1–(2'–deoxy–2'–fluoro–beta–D–arabinofuranosyl)–5–iodoc and E–5–(2–bromovinyl)–2'–deoxyuridine. Hantz O, et al. **Antiviral Res** 1984 Aug;4(4):187–99

In vivo distribution and activity of aphidicolin on dividing and quiescent cells. Spadari S, et al. **Antiviral Res** 1985 Apr;5(2):93–101

Inhibition of DNA polymerase alpha, DNA polymerase beta, terminal deoxynucleotidyl transferase, and DNA ligase II by poly(ADP–ribosyl)ation reaction in vitro. Yoshihara K, et al. **Biochem Biophys Res Commun** 1985 Apr 16; 128(1):61–7

A DNA polymerase alpha partially resistant to aphidicolin in cells and embryos of Med–fly (Ceratitis capitata Wied.). Scovassi AI, et al. **Biochem Int** 1983 Oct;7(4):481–91

2'–Fluoro–2'–deoxypolynucleotides as templates and inhibitors for RNA– and DNA–dependent DNA polymerases. Aoyama H, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):225–32

Inhibition of DNA polymerase alpha by 2',3'–dideoxyribonucleoside 5'–triphosphates: effect of manganese ion. Ono K, et al. **Biomed Pharmacother** 1984; 38(8):382–9

Inhibition of DNA polymerase alpha activity by proteins from rat liver. Klinge CM, et al. **Int J Biochem** 1985; 17(3):347–53

Effects of aphidicolin on the repair and fixation of potentially lethal damage sensitive to beta–araA. Iliakis G, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1149–55

Monoclonal antibodies against human DNA polymerase–alpha inhibit DNA replication in permeabilized human cells. Miller MR, et al. **J Biol Chem** 1985 Jan 10; 260(1):134–8

Effects of aphidicolin and/or 2',3'–dideoxythymidine on DNA repair induced in HeLa cells by four types of DNA–damaging agents. Yamada K, et al. **J Biol Chem** 1985 Sep 5;260(19):10412–7

E receptor–related immunosuppressive factor in malignant pleural fluid and plasma: molecular mechanism of action on DNA–polymerase–alpha. Oh SK, et al. **J Immunol** 1985 Jul;135(1):355–61

Inhibition of cellular DNA polymerase alpha and human cytomegalovirus–induced DNA polymerase by the triphosphates of 9–(2–hydroxyethoxymethyl)guanine and 9–(1,3–dihydroxy–2–propoxymethyl)guanine. Mar EC, et al. **J Virol** 1985 Mar;53(2):776–80

Inhibitory effects of 1–beta–D–arabinofuranosyl–5–styryluracil 5'–triphosphates on DNA–dependent DNA polymerases alpha and beta from developing cherry salmon (Oncorhynchus masou) testes: on the approach to the selective affinity chromatography for DNA polymerase alpha. Izuta S, et al. **Nucleic Acids Symp Ser** 1984;(15):73–6

Inhibition of DNA polymerase alpha activity by ammonium 21–tungsto–9–antimoniate (HPA23). Ono K, et al. **Nucleic Acids Symp Ser** 1984;(15):169–72

BIOSYNTHESIS

Synthesis of catalytically active polymerase alpha by in vitro translation of calf RNA. Detera–Wadleigh S, et al. **Adv Exp Med Biol** 1984;179:343–53

Increase in DNA polymerase alpha in nuclei of chicken kidney cells after avian adenovirus infection. Matsukage A, et al. **Gann** 1985 Jun;76(6):496–501

GENETICS

Assignment of the human gene for DNA polymerase alpha to the X chromosome. Hanaoka F, et al. **Gann** 1985 Jun; 76(6):441–4

Mouse DNA polymerase alpha–primase terminates and reinitiates DNA synthesis 2–14 nucleotides upstream of C2A1–2(C2–3/T2) sequences on a minute virus of mice DNA template. Faust EA, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4023–7

Assignment of the gene for human DNA polymerase alpha to the X chromosome. Wang TS, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5270–4

Transfection of the DNA polymerase–alpha gene. Liu PK, et al. **Science** 1984 Nov 16;226(4676):833–5

IMMUNOLOGY

Properties and applications of new monoclonal antibodies raised against calf DNA polymerase alpha. Swack JA, et al. **Anal Biochem** 1985 May 15;147(1):10–21

ISOLATION & PURIFICATION

Mammalian DNA polymerase alpha holoenzyme. Hübscher U, et al. **Adv Exp Med Biol** 1984;179:321–30

Purification and characterization of two forms of DNA polymerase alpha from mouse FM3A cells: a DNA polymerase alpha–primase complex and a free DNA polymerase alpha. Enomoto T, et al. **Cell Struct Funct** 1985 Jun;10(2):161–71

DNA polymerases of Chlorella. II. Characterization to distinguish the two enzymes. Aoshima J, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):461–73

Purification of a DNA polymerase–DNA primase complex from calf thymus glands. Chang LM, et al. **J Biol Chem** 1984 Dec 10;259(23):14679–87

Identification of a higher molecular weight DNA polymerase alpha catalytic polypeptide in monkey cells by monoclonal antibody. Karawya E, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7777–81

[Purification and characterization of DNA polymerase alpha from Ehrlich ascites cells] Qui CC, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Aug; 6(4):240–3 (Eng. Abstr.) **(Chi)**

METABOLISM

Replication of phi X174 DNA by calf thymus DNA polymerase–alpha: measurement of error rates at the amber–16 codon. Grosse F, et al. **Adv Exp Med Biol** 1984; 179:535–40

Structural and functional properties of DNA polymerase alpha from calf thymus. Grummt F, et al. **Adv Exp Med Biol** 1984;179:373–81

A ribonuclease H from yeast stimulates DNA polymerase in vitro. Karwan R, et al. **Adv Exp Med Biol** 1984;179:513–8

Properties of the primase activity of the 9 S DNA polymerase alpha from calf thymus. Krauss G, et al. **Adv Exp Med Biol** 1984;179:307–11

Correlation of DNA polymerase activities with the initiation of DNA synthesis. Otto AM. **Adv Exp Med Biol** 1984; 179:337–42

Association between primase and DNA polymerase alpha in murine cells. Philippe M, et al. **Adv Exp Med Biol** 1984; 179:295–305

Response of CHO cell DNA polymerase alpha to dCTP and dTTP pool imbalance: relation to DNA synthesis inhibition, survival and mutation. Newman CN, et al. **Basic Life Sci** 1985;31:127–48

Analysis of the mechanism of ATP stimulation of calf thymus DNA alpha–polymerase. Lawton KG, et al. **Biochemistry** 1984 Sep 11;23(19):4294–300

2'–Fluoro–2'–deoxycytidine triphosphate as a substrate for RNA– and DNA–dependent DNA polymerases. Aoyama H, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):218–24

Effect of spermine on interaction of DNA polymerase alpha from the loach (Misgurnus fossilis) eggs with DNA. Mikhailov VS, et al. **Biochim Biophys Acta** 1984 Oct 5; 783(1):6–14

ATP and the processivity of Xenopus laevis DNA polymerase alpha. Riedel HD, et al. **Biochim Biophys Acta** 1984 Nov 22;783(2):158–65

Heat–induced alterations in DNA polymerase activity of HeLa cells and of isolated nuclei. Relation to cell survival. Kampinga HH, et al. **Int J Radiat Biol** 1985 Jan;47(1):29–40

The primase activity of DNA polymerase alpha from calf thymus. Grosse F, et al. **J Biol Chem** 1985 Feb 10; 260(3):1881–8

Initiation of DNA synthesis by the calf thymus DNA polymerase–primase complex. Holmes AM, et al. **J Biol Chem** 1985 Sep 5;260(19):10840–6

A newly detected class of mammalian single strand–specific DNA–binding proteins. Effects on DNA polymerase alpha–catalyzed DNA synthesis. Sapp M, et al. **J Biol Chem** 1985 Feb 10;260(3):1550–6

Fidelity of DNA polymerases isolated from regenerating liver chromatin of aging Mus musculus. Silber JR, et al. **J Biol Chem** 1985 Jan 25;260(2):1304–10

DNA primase–DNA polymerase alpha from simian cells. Modulation of RNA primer synthesis by ribonucleoside triphosphates. Yamaguchi M, et al. **J Biol Chem** 1985 May 25;260(10):6254–63

DNA primase–DNA polymerase alpha from simian cells: sequence specificity of initiation sites on simian virus 40 DNA. Yamaguchi M, et al. **Mol Cell Biol** 1985 May; 5(5):1170–83

Threonine starvation of concanavalin A treated lymphocytes impairs DNA polymerase alpha activity. Taudou G, et al. **Mol Immunol** 1984 Oct;21(10):949–53

Excision repair in permeable arrested human skin fibroblasts damaged by UV (254 nm) radiation: evidence that alpha- and beta–polymerases act sequentially at the repolymerisation step. Keyse SM, et al. **Mutat Res** 1985 Jul;146(1):109–19

DNA polymerase alpha and models for proofreading. Abbotts J, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):261–74

On the fidelity of DNA polymerase alpha: the influence of alpha–thio dNTPs, Mn2+ and mismatch repair. Rienitz A, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5685–95

Alpha polymerase involvement in excision repair of damage induced by solar radiation at defined wavelengths in human fibroblasts. Tyrrell RM, et al. **Photochem Photobiol** 1984 Oct;40(4):449–51

[Enzymatic mechanisms of degradation of DNA replication forks in vitro] Fradkin GE, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1518–23 (Eng. Abstr.) **(Rus)**

[Mechanisms of radiation impairment of DNA biosynthesis. Separation, partial purification, characteristics of and changes in DNA polymerase alpha and beta activities of rat bone marrow at early stages after gamma irradiation and comparison with the status of repair and replication biosynthesis of DNA] Mazurik VK, et al. **Radiobiologiia** 1985 Jul–Aug;25(4):444–8 (Eng. Abstr.) **(Rus)**

[Immunofluorescent study of DNA polymerase alpha in rat cells and tissues] Dëmin VG, et al. **Tsitologiia** 1984 Jun; 26(6):683–90 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Selective DNA–amplification induced by carcinogens (initiators): evidence for a role of proteases and DNA polymerase alpha. Heilbronn R, et al. **Int J Cancer** 1985 Jul 15;36(1):85–91

Reduced repair of X–ray–induced DNA lesions in cells without functioning DNA polymerase alpha. Lönn U, et al. **Radiat Res** 1985 Apr;102(1):71–5

DNA polymerase alpha and beta activities during the cell cycle and their role in heat radiosensitization in Chinese hamster ovary cells. Mivechi NF, et al. **Radiat Res** 1985 Sep;103(3):337–50

DNA POLYMERASE III see under **DNA POLYMERASES**

DNA POLYMERASES

Protein structures. Two for the price of one [news] Harrison SC. **Nature** 1985 Feb 28–Mar 6;313(6005):736–7
Domain of E. coli DNA polymerase I showing sequence homology to T7 DNA polymerase. Ollis DL, et al. **Nature** 1985 Feb 28–Mar 6;313(6005):818–9

ANALYSIS

Distinctive properties of DNA polymerases induced by herpes simplex virus type–1 and Epstein–Barr virus. Allaudeen HS. **Antiviral Res** 1985 Feb;5(1):1–12
Close structural resemblance between putative polymerase of a Drosophila transposable genetic element 17.6 and pol gene product of Moloney murine leukaemia virus. Toh H, et al. **EMBO J** 1985 May;4(5):1267–72
Polypeptide structure of DNA primase from a yeast DNA polymerase–primase complex. Plevani P, et al. **J Biol Chem** 1985 Jun 10;260(11):7102–7
Quantitation of hepatitis B virus (HBV) core antigen in serum in the presence of antibodies to HBV core antigen: comparison with assays of serum HBV DNA, DNA polymerase, and HBV e antigen. Bredehorst R, et al. **J Clin Microbiol** 1985 Apr;21(4):593–8
DNA–binding protein associated with herpes simplex virus DNA polymerase. Vaughan PJ, et al. **J Virol** 1985 Feb; 53(2):501–8
DNA polymerase III holoenzyme of Escherichia coli: components and function of a true replicative complex. McHenry CS. **Mol Cell Biochem** 1985 Feb;66(1):71–85 (83 ref.)
[Usefulness of the determination of DNA polymerase activity of hepatitis B virus in chronic HBsAg carriers] Carreño García V, et al. **Rev Clin Esp** 1984 Aug 15–31;174(3–4):75–7 (Eng. Abstr.) **(Spa)**

ANTAGONISTS & INHIBITORS

The effect of hydroxycamptothecin in the activity of RNA and DNA polymerases prepared from murine hepatoma cells. Xu B, et al. **Am J Chin Med** 1985;13(1–4):23–31
Interaction of Epstein–Barr virus DNA polymerase and 5'–triphosphates of several antiviral nucleoside analogs. Chiou JF, et al. **Antimicrob Agents Chemother** 1985 Mar; 27(3):416–8
Mutually exclusive inhibition of herpesvirus DNA polymerase by aphidicolin, phosphonoformate, and acyclic nucleoside triphosphates. Frank KB, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):445–8
Inhibition of human and woodchuck hepatitis virus DNA polymerase by the triphosphates of acyclovir, 1–(2'–deoxy–2'–fluoro–beta–D–arabinofuranosyl)–5–iodoc and E–5–(2–bromovinyl)–2'–deoxyuridine. Hantz O, et al. **Antiviral Res** 1984 Aug;4(4):187–99
Effect of DNA polymerase inhibitors on the replication of human cytomegalovirus. Brief report. Gönczöl E, et al. **Arch Virol** 1985;84(1–2):129–34
Observations on the suramin–mediated inhibition of cellular and viral DNA polymerases. Basu A, et al. **Biochem Biophys Res Commun** 1985 May 16; 128(3):1395–402
Effect of benzo[a]pyrene on DNA synthesis and DNA polymerase activity of rat liver nuclei. Salazar I, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):755–62
Molecular mechanisms of chemical mutagenesis: 9–aminoacridine inhibits DNA replication in vitro by destabilizing the DNA growing point and interacting with the DNA polymerase. Topal MD. **Biochemistry** 1984 May 22;23(11):2367–72
2'–Fluoro–2'–deoxypolynucleotides as templates and inhibitors for RNA– and DNA–dependent DNA polymerases. Aoyama H, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):225–32
A Chinese hamster ovary cell mutant resistant to aphidicolin. Smith DB, et al. **Cell Biol Int Rep** 1985 Apr;9(4):331–9
A compilation of analytical data from inhibition studies on DNA polymerases and some of its implications. Iwamura T, et al. **J Biochem (Tokyo)** 1985 Apr;97(4):1101–10
Novel interaction of aphidicolin with herpes simplex virus DNA polymerase and polymerase–associated exonuclease. Frank KB, et al. **J Biol Chem** 1984 Nov 10;259(21):13282–6
Effects of 2',3'–dideoxynucleosides on mammalian cells and viruses. Waqar MA, et al. **J Cell Physiol** 1984 Nov; 121(2):402–8
Inhibition of cellular DNA polymerase alpha and human cytomegalovirus–induced DNA polymerase by the triphosphates of 9–(2–hydroxyethoxymethyl)guanine and 9–(1,3–dihydroxy–2–propoxymethyl)guanine. Mar EC, et al. **J Virol** 1985 Mar;53(3):776–80
Epstein–Barr virus transformation of human B lymphocytes despite inhibition of viral polymerase. Sixbey JW, et al. **J Virol** 1985 Jan;53(1):299–301
Comparative inhibition of DNA polymerases from varicella zoster virus (TK+ and TK–) strains by (E)–5–(2–bromovinyl)–2'–deoxyuridine 5'–triphosphate. Yokota T, et al. **Mol Pharmacol** 1984 Sep;26(2):376–80
Mechanisms of DNA repair and the structure of repaired sites in the presence of polymerase inhibitors. Cleaver JE. **Nucleic Acids Symp Ser** 1984;(13):127–41
The effects of Penicillium roqueforti toxin on the activity of rat hepatic DNA polymerases. Lee YH, et al. **Toxicology** 1984 Oct;33(1):43–57
Mutations in the herpes simplex virus major DNA–binding protein gene leading to altered sensitivity to DNA polymerase inhibitors. Chiou HC, et al. **Virology** 1985 Sep; 145(2):213–26

BIOSYNTHESIS

Induction of cellular DNA polymerases in a Burkitt lymphoma–derived cell line by treatment with 5–iododeoxyuridine. Ono K, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1170–8
Synthesis of early vaccinia–virus–specific enzymes under conditions of immediate early gene expression. Zöller B, et al. **Eur J Biochem** 1984 Sep 17;143(3):589–91

BLOOD

Activities of arabinosyladenine monophosphate and 9–(1,3–dihydroxy–2–propoxymethyl)guanine against ground squirrel hepatitis virus in vivo as determined by reduction in serum virion–associated DNA polymerase. Smee DF, et al. **Antimicrob Agents Chemother** 1985 Feb; 27(2):277–9
Factors influencing postexposure immunoprophylaxis of hepatitis B virus infection with hepatitis B immune globulin. High deoxyribonucleic acid polymerase activity in the inocula of unsuccessful cases. Masuko K, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):151–5
Clinicopathological response of HBsAg–positive chronic active hepatitis to adenine arabinoside: lack of correlation with DNA polymerase response. Liaw YF, et al. **Infection** 1984 Jul–Aug;12(4):248–50
Platelet DNA polymerase levels in CML: implications for oncogenesis. Brodsky I, et al. **Leuk Res** 1984;8(5):761–8

GENETICS

Herpes simplex virus mutants resistant to arabinosyladenine in the presence of deoxycoformycin. Fleming HE Jr, et al. **Antimicrob Agents Chemother** 1984 Sep;26(3):382–7
Cloning and expression of gene 2, required for the protein–primed initiation of the Bacillus subtilis phage phi 29 DNA replication. Blanco L, et al. **Gene** 1984 Jul–Aug; 29(1–2):33–40
Structural characterization of the avian retrovirus reverse transcriptase and endonuclease domains. Grandgenett D, et al. **J Biol Chem** 1985 Jul 15;260(14):8243–9
Transcriptional organization of the convergent overlapping dnaQ–rnh genes of Escherichia coli. Nomura T, et al. **J Biol Chem** 1985 Jun 10;260(11):7122–5
Sensitivity of arabinosyladenine–resistant mutants of herpes simplex virus to other antiviral drugs and mapping of drug hypersensitivity mutations to the DNA polymerase locus. Coen DM, et al. **J Virol** 1985 Feb;53(2):477–88
Physical locus of the DNA polymerase gene and genetic maps of bacteriophage T5 mutants. Fujimura RK, et al. **J Virol** 1985 Feb;53(2):495–500
Transcriptional mapping of the vaccinia virus DNA polymerase gene. Jones EV, et al. **J Virol** 1985 Jan; 53(1):312–5
Nucleotide sequence of the temperate Bacillus subtilis bacteriophage SPO2 DNA polymerase gene L. Rådén B, et al. **J Virol** 1984 Oct;52(1):9–15
Interaction with nucleic acids and stimulation of the viral DNA polymerase by the herpes simplex virus type 1 major DNA–binding protein. Ruyechan WT, et al. **J Virol** 1984 Dec;52(3):727–33
Identification by immunobinding assay of the polypeptide coded by the DNA polymerase gene of bacteriophage T5 and its amber mutants and the direction of transcription of the gene. Schneider SS, et al. **J Virol** 1985 Oct; 56(1):245–9
Involvement of DNA polymerase III in UV–induced mutagenesis of bacteriophage lambda. Brotcorne–Lannoye A, et al. **MGG** 1985;199(1):64–9
Competition between Xenopus satellite I sequences and Pol III genes for stable transcription complex formation. Andrews DL, et al. **Nucleic Acids Res** 1984 Oct 25; 12(20):7753–69
The 140–kDa adenovirus DNA polymerase is recognized by antibodies to Escherichia coli–synthesized determinants predicted from an open reading frame on the adenovirus genome. Friefeld BR, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2652–6
Expression in Escherichia coli of a fusion protein product containing a region of the adenovirus DNA polymerase. Rekosh D, et al. **Proc Natl Acad Sci USA** 1985 Apr; 82(8):2354–8
Isolation and characterization of a frog virus 3 variant resistant to phosphonoacetate: genetic evidence for a virus–specific DNA polymerase. Chinchar VG, et al. **Virology** 1984 Oct 30;138(2):357–61
[R–factor from the natural strain of Salmonella derby carrying a DNA–polymerase gene] Sarkisian NN, et al. **Biokhimiia** 1985 Apr;50(4):673–9 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Monoclonal antibodies specific for the alpha subunit of the Escherichia coli DNA polymerase III holoenzyme. Wu YH, et al. **J Biol Chem** 1984 Oct 10;259(19):12117–22

ISOLATION & PURIFICATION

DNA polymerases and DNA topoisomerases solubilized from nuclear matrices of regenerating rat livers. Nishizawa M, et al. **Biochem Biophys Res Commun** 1984 Nov 14; 124(3):917–24
Non–disruptive detection of DNA polymerases in nondenaturing polyacrylamide gels. Holler E, et al. **Eur J Biochem** 1985 Sep 2;151(2):311–7
DNA polymerases from the extremely thermophilic bacterium Thermus thermophilus HB–8. Rüttimann C, et al. **Eur J Biochem** 1985 May 15;149(1):41–6
Purification of Epstein–Barr virus DNA polymerase from P3HR–1 cells. Kallin B, et al. **J Virol** 1985 May;54(2):561–8
Purification and characterization of DNA polymerase from the archaebacterium Sulfolobus acidocaldarius. Klimczak LJ, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5269–82
[Studies on purification of HSV–2 induced DNA polymerase and its properties] Yin MB, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct; 6(5):330–3 (Eng. Abstr.) **(Chi)**

METABOLISM

Fidelity of DNA replication in vitro. Fersht AR. **Adv Exp Med Biol** 1984;179:525–33
DNA polymerase III holoenzyme of Escherichia coli: an asymmetric dimeric replicative complex containing distinguishable leading and lagging strand polymerases. McHenry CS, et al. **Adv Exp Med Biol** 1984;179:315–9
DNA polymerase activities of mammalian cell–cycle mutants and 'wild–type' cells in different states of proliferative activity and quiescence. Schneider E, et al. **Adv Exp Med Biol** 1984;179:331–5
DNA polymerase activity in a repair–deficient human cell line. Joe CO, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):754–9
A 3' to 5' exonuclease activity is associated with phage 029 DNA polymerase. Watabe K, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1019–26
Effects of ticlopidine, a new platelet antiaggregating agent, and its analogues on mitochondrial metabolism. Oxidative phosphorylation, protein synthesis and DNA polymerase activity. Abou–Khalil WH, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3893–8
2'–Fluoro–2'–deoxycytidine triphosphate as a substrate for RNA– and DNA–dependent DNA polymerases. Aoyama H, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):218–24
Control of DNA polymerase alpha, beta and gamma activities in heat– and cold–sensitive mammalian cell–cycle mutants. Schneider E, et al. **Biochim Biophys Acta** 1985 Aug 21; 825(4):375–83
Stimulation of Rauscher leukemia virus DNA polymerase DNA–directed DNA synthesis by cationic trypanocides and polyamines. Marcus SL, et al. **Cancer Res** 1985 Jan; 45(1):112–5
In vitro miscoding of alkylthymines with DNA and RNA polymerases. Saffhill R. **Chem Biol Interact** 1985 Feb–Apr; 53(1–2):121–30
The DNA enzymology of protein machines. Alberts BM. **Cold Spring Harbor Symp Quant Biol** 1984;49:1–12
Studies of HeLa DNA polymerases during excision–repair in vitro with DNA and chromatin substrates. Mosbaugh DW, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:581–8
Variation of DNA polymerase activities and DNA synthesis in mouse mammary gland during pregnancy and early lactation. Zwierzchowski L, et al. **Differentiation** 1984; 28(2):179–85
Analysis of DNA polymerase reaction products for detecting hepatitis B virus in serum––comparison with spot hybridization technique. Imazeki F, et al. **Hepatology** 1985 Sep–Oct;5(5):783–8
The interrelation between DNA synthesis rates and DNA polymerases bound to the nuclear matrix in synchronized HeLa cells. Foster KA, et al. **J Biol Chem** 1985 Apr 10; 260(7):4229–35
Effects of the bacteriophage T4 dda protein on DNA synthesis catalyzed by purified T4 replication proteins. Jongeneel CV, et al. **J Biol Chem** 1984 Oct 25; 259(20):12933–8
On the molecular basis of transition mutations. Frequency of forming 2–aminopurine–cytosine base mispairs in the G X C––A X T mutational pathway by T4 DNA polymerase in vitro. Mhaskar DN, et al. **J Biol Chem** 1984 Oct 10;259(19):11713–7
Influence of neighboring bases on DNA polymerase insertion and proofreading fidelity. Petruska J, et al. **J Biol Chem** 1985 Jun 25;260(12):7533–9
Stockpiling of DNA polymerases during oogenesis and embryogenesis in the frog, Xenopus laevis. Zierler MK, et al. **J Biol Chem** 1985 Jan 25;260(2):974–81
A role for DNA polymerase in the specificity of nucleotide incorporation opposite N–acetyl–2–aminofluorene adducts. Rabkin SD, et al. **J Mol Biol** 1984 Sep 25;178(3):569–94
DNA polymerases, deoxyribonucleases, and recombination during meiosis in Saccharomyces cerevisiae. Resnick MA, et al. **Mol Cell Biol** 1984 Dec;4(12):2811–7
Characterization of a 3'––5' exonuclease activity in the phage phi 29–encoded DNA polymerase. Blanco L, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1239–49
T4 DNA polymerase (3'–5') exonuclease, an enzyme for the detection and quantitation of stable DNA lesions: the ultraviolet light example. Doetsch PW, et al. **Nucleic Acids Res** 1985 May 10;13(9):3285–304
A DNA polymerase activity is associated with Cauliflower

Mosaic Virus. Menissier J, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):8769–78

Demonstration of a stimulatory protein for virus-specified DNA polymerase in phorbol ester-treated Epstein-Barr virus-carrying cells. Chiou JF, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5728–31

Cell-cycle dependence and properties of the HeLa cell DNA polymerase system. Delfini C, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2220–4

Reduced in vivo mutagenesis by mutant herpes simplex DNA polymerase involves improved nucleotide selection. Hall JD, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3889–93

A separate editing exonuclease for DNA replication: the epsilon subunit of Escherichia coli DNA polymerase III holoenzyme. Scheuermann RH, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7747–51

[Changes in HBV-specific DNA polymerase activity in relation to the severity of HBsAg positive chronic liver disease] Kawakami H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):239–46 (Eng. Abstr.) **(Jpn)**

[E. coli DNA polymerase. A study of the mechanism of primer binding using oligothymidylate analogs with ethylated internucleotide phosphate groups] Levina AS, et al. **Bioorg Khim** 1985 Mar;11(3):358–69 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Initiation, elongation and pausing of in vitro DNA synthesis catalyzed by immunopurified yeast DNA primase: DNA polymerase complex. Badaracco G, et al. **EMBO J** 1985 May;4(5):1313–7

[Cross-linking between nucleic acids and proteins: application to DNA polymerase alpha] Masaki S, et al. **Seikagaku** 1985 Jan;57(1):55–7 **(Jpn)**

PHYSIOLOGY

The circular intracellular form of Epstein-Barr virus DNA is amplified by the virus-associated DNA polymerase. Shaw JE. **J Virol** 1985 Mar;53(3):1012–5

DNA, RECOMBINANT

see related

GENETIC INTERVENTION

Monoclonal antibodies and specific cell surface receptors do not discriminate between human growth hormone prepared by DNA recombinant techniques and the native hormone. Retegui LA, et al. **Acta Physiol Pharmacol Latinoam** 1984; 34(2):193–7

The use of recombinant DNA technology to study polygenic hyperlipidaemia. Humphries SE, et al. **Agents Actions [Suppl]** 1984;16:35–9

Chromosomal localization of several families of repetitive sequences by in situ hybridization. Devine EA, et al. **Am J Hum Genet** 1985 Jan;37(1):114–23

Recombinant DNA—potential for gene therapy. Griffin JA. **Am J Med Sci** 1985 Mar;289(3):98–105 (43 ref.)

Immunological screening of standard cDNA libraries in pBR322 vectors: detection of human fibrinogen and prothrombin cDNA clones. Plaisancié H, et al. **Anal Biochem** 1984 Nov 1;142(2):271–6

Possible applications of recombinant DNA technology to the diagnosis and study of variants of alpha 1-antitrypsin. Kalsheker N, et al. **Ann Clin Biochem** 1985 Jan;22 (Pt 1):25–32 (33 ref.)

Attempts at gene therapy in beta-thalassemic mice. Anderson WF, et al. **Ann NY Acad Sci** 1985;445:445–51

Streptococcus-Escherichia coli shuttle vector pSA3 and its use in the cloning of streptococcal genes. Dao ML, et al. **Appl Environ Microbiol** 1985 Jan;49(1):115–9

Clinical impact of recombinant DNA research on neurogenetic diseases. Report of Mary Jennifer Selznick Workshop, organized by the Hereditary Disease Foundation. Kurlan R. **Arch Neurol** 1985 Jan;42(1):82–4

A DNA polymorphism for Huntington's disease marks the future. Wexler NS, et al. **Arch Neurol** 1985 Jan;42(1):20–4

Guidelines in respect of biotechnological products. Smith JW. **Arzneimittelforsch** 1985;35(1):176–7

Diagnosis of familial amyloidotic polyneuropathy by recombinant DNA techniques. Sasaki H, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):636–42

Recombinant DNA methods for the oxytetracycline producer Streptomyces rimosus. Rhodes PM, et al. **Biochem Soc Trans** 1984 Aug;12(4):586–7

Construction of DNA sequences complementary to rat alpha 1 and alpha 2 collagen mRNA and their use in studying the regulation of type I collagen synthesis by 1,25-dihydroxyvitamin D. Genovese C, et al. **Biochemistry** 1984 Dec 4;23(25):6210–6

Sequence comparison of rat liver phenylalanine hydroxylase and its cDNA clones. Robson KJ, et al. **Biochemistry** 1984 Nov 20;23(24):5671–5

Hepatitis B vaccines prepared from yeast by recombinant DNA techniques: memorandum from a WHO meeting. **Bull WHO** 1985;63(1):57–61

Diagnosis of human endocrine disorders using recombinant DNA techniques. Dobs AS, et al. **Clin Endocrinol Metab** 1985 Feb;14(1):273–94 (75 ref.)

Use of synthetic oligonucleotide and recombinant DNA probes to study renin gene expression. Darby IA, et al. **Clin Exp Pharmacol Physiol** 1985 May–Jun;12(3):199–203

Recombinant DNA and other direct specimen identification techniques. Tompkins LS. **Clin Lab Med** 1985 Mar; 5(1):99–107

Molecular analysis of human disease: dissection of beta-thalassemia. Orkin SH. **Clin Res** 1984 Sep; 32(3):329–33

Introduction of purified genes into mammalian cells. Kucherlapati R, et al. **CRC Crit Rev Biochem** 1984; 16(4):349–79 (206 ref.)

Properties and relative immunogenicity of various preparations of recombinant DNA-derived hepatitis B surface antigen. Burnette WN, et al. **Dev Biol Stand** 1985; 59:113–20

Production in yeast of hepatitis B surface antigen by R-DNA technology. De Wilde M, et al. **Dev Biol Stand** 1985; 59:99–107

Impact of recombinant DNA technology on studies of bacterial pathogenicity. Dougan G, et al. **Dev Biol Stand** 1985;59:43–9

USDA licensing policy for biologicals produced by R-DNA. Espeseth DA, et al. **Dev Biol Stand** 1985;59:167–73

The control of biological medicinal products produced by recombinant DNA technology. Griffiths E. **Dev Biol Stand** 1985;59:155–9

Control of recombinant DNA produced pharmaceuticals by a combination of process validation and final product specifications. Jones AJ, et al. **Dev Biol Stand** 1985; 59:175–80

License requirements for recombinant DNA veterinary biologics in U.S.A. La Salle B. **Dev Biol Stand** 1985; 59:181–4

Quality control of biologicals produced by r-DNA technology. Liu DT, et al. **Dev Biol Stand** 1985;59:161–6

Program and abstracts from the Fifth Annual Congress for Recombinant DNA Research. February 3–6, 1985, San Francisco. **DNA** 1985 Feb;4(1):51–103

Efficient constitutive production of human fibroblast interferon by hamster cells transformed with the IFN-beta 1 gene fused to an SV40 early promoter. Chernajovsky Y, et al. **DNA** 1984 Aug;3(4):297–308

Low molecular weight RNAs with homologies to cellular DNA at sites of adenovirus DNA insertion in hamster or mouse cells. Gahlmann R, et al. **EMBO J** 1984 Dec 20; 3(13):3263–9

A novel in vitro transcription-translation system: accurate and efficient synthesis of single proteins from cloned DNA sequences. Stueber D, et al. **EMBO J** 1984 Dec 20; 3(13):3143–8

Myosin heavy chain mRNA during the development and regression of myocardial hypertrophy. Cutilletta AF. **Eur Heart J** 1984 Dec;5 Suppl F:193–7

Cardiac myosin heavy chain isozymic transitions during development and under pathological conditions are regulated at the level of mRNA availability. Mahdavi V, et al. **Eur Heart J** 1984 Dec;5 Suppl F:181–91

Messenger RNA content and complexity in normal and overloaded rat heart: a preliminary report. Swynghedauw B, et al. **Eur Heart J** 1984 Dec;5 Suppl F:211–7

Convenient modification of the method for oligonucleotide-directed in vitro mutagenesis of cloned DNA. Efimov VA, et al. **FEBS Lett** 1985 Feb 25; 181(2):407–11

A simplified and efficient vector-primer cDNA cloning system. Alexander DC, et al. **Gene** 1984 Nov;31(1–3):79–89

Characterization of the Trypanosoma brucei 5S ribosomal RNA gene and transcript: the 5S rRNA is a spliced-leader-independent species. Lenardo MJ, et al. **Gene** 1985;35(1–2):131–41

Cloning of human adenosine deaminase cDNA and expression in mouse cells. Valerio D, et al. **Gene** 1984 Nov; 31(1–3):147–53

Cotransfer of syntenic human genes into mouse cells using isolated metaphase chromosomes or cellular DNA. de Jonge AJ, et al. **Hum Genet** 1985;69(1):32–8

Linkage relationships of the gene for apolipoprotein CII with loci on chromosome 19. Donald JA, et al. **Hum Genet** 1985; 69(1):39–43

Optimising human chromosome separation for the production of chromosome-specific DNA libraries by flow sorting. Harris P, et al. **Hum Genet** 1985;70(1):59–65

Linkage and recombination between fragile X-linked mental retardation and the factor IX gene. Warren ST, et al. **Hum Genet** 1985;69(1):44–6

Site-directed insertion and deletion mutagenesis with cloned fragments in Escherichia coli. Winans SC, et al. **J Bacteriol** 1985 Mar;161(3):1219–21

A new moderately repetitive rat DNA sequence detected by a cloned 4.5 SI DNA. Saba JA, et al. **J Biol Chem** 1985 Feb 10;260(3):1354–7

Analysis of different forms of recombinant human leukocyte interferons and synthetic fragments by high-performance liquid chromatography. Felix AM, et al. **J Chromatogr** 1985 Jun 26:327:359–68

Characterization of recombinant human interleukin-2 with micromethods. Lahm HW, et al. **J Chromatogr** 1985 Jun 19;326:357–61

Application of recombinant DNA technologies to studies on chicken growth hormone. Souza LM, et al. **J Exp Zool** 1984 Dec;232(3):465–73

Characterization of DNA fragments encoding fimbriae of the uropathogenic Escherichia coli strain KS71. Rhen M. **J Gen Microbiol** 1985 Mar;131 (Pt 3):571–80

Purification of hybrid beta-galactosidase proteins encoded by phi X174 E phi lacZ and Escherichia coli prlA phi lacZ: a general method for the isolation of lacZ fusion polypeptides produced in low amounts. Struck DK, et al. **J Mol Appl Genet** 1985;3(1):18–25

Molecular analysis of the heterogeneity region of the human ribosomal spacer. La Volpe A, et al. **J Mol Biol** 1985 May 25;183(2):213–23

Analysis and optimization of recombinant DNA joining reactions. Legerski RJ, et al. **J Mol Biol** 1985 Jan 20; 181(2):297–312

Recombinant DNA approach for defining the primary structure of monoclonal antibody epitopes. The analysis of a conformation-specific antibody to myosin light chain 2. Reinach FC, et al. **J Mol Biol** 1985 Feb 5;181(3):411–22

Biological properties of human tissue-type plasminogen activator obtained by expression of recombinant DNA in mammalian cells. Collen D, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):146–52

In vitro phenotypic markers of a poliovirus recombinant constructed from infectious cDNA clones of the neurovirulent Mahoney strain and the attenuated Sabin 1 strain. Kohara M, et al. **J Virol** 1985 Mar;53(3):786–92

A physical domain of herpes simplex virus ICP8 is expressed and active in Escherichia coli. Pearson RE, et al. **J Virol** 1985 Feb;53(2):360–5

A rapid screening assay for detecting individual RNA species in field isolates of rotaviruses. Pedley S, et al. **J Virol Methods** 1984 Oct;9(2):173–81

DNA probes in Duchenne muscular dystrophy [letter] Clayton J, et al. **Lancet** 1984 Nov 17;2(8412):1151–2

DNA juggling in the immune system. Rabbitts TH. **Lancet** 1984 Nov 10;2(8411):1086–8

Presymptomatic diagnosis of heterozygosity for familial amyloidotic polyneuropathy by recombinant DNA techniques [letter] Sasaki H, et al. **Lancet** 1985 Jan 12; 1(8420):100

DNA in medicine. The tools. Part I. Steel CM. **Lancet** 1984 Oct 20;2(8408):908–11 concl

DNA in medicine. Implications for medical practice and human biology. Weatherall DJ. **Lancet** 1984 Dec 22; 2(8417–18):1440–4

Efficient transfer of cloned DNA into human diploid cells: protoplast fusion in suspension. Litzkas P, et al. **Mol Cell Biol** 1984 Nov;4(11):2549–52

International Commission for Protection Against Environmental Mutagens and Carcinogens. ICPEMC Publication No. 11. The use of recombinant DNA technology to study gene alteration. Mekler P, et al. **Mutat Res** 1985 Jan–Mar;153(1–2):13–55 (304 ref.)

Big business for suppliers [news] **Nature** 1985 Sep 12–18; 317(6033):186–8

Expression of active human clotting factor IX from recombinant DNA clones in mammalian cells. Anson DS, et al. **Nature** 1985 Jun 20–26;315(6021):683–5

Genetic engineering patents. Contest in prospect over interferon rights [news] Beardsley T. **Nature** 1985 Mar 21–27;314(6008):207

Rifkin strikes against gene transfer experiments [news] Beardsley T. **Nature** 1984 Oct 11–17;311(5986):495

DNA makes protein makes money [news] Emtage JS. **Nature** 1985 Sep 12–18;317(6033):185–6

Highlights of clinical experiences with recombinant human insulin (rDNA) and human proinsulin (rDNA). Galloway JA. **Neth J Med** 1985;28 Suppl 1:37–42

The gapped duplex DNA approach to oligonucleotide-directed mutation construction. Kramer W, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9441–56

An RFLP detecting single copy X-chromosome fragment, dic56, from Xp22–Xpter [HGM8 assignment no. DXS 143]. Middlesworth W, et al. **Nucleic Acids Res** 1985 Aug 12; 13(15):5723

An anonymous single-copy X-chromosome RFLP for DXS72 from Xq13–Xq22 [HGM8 provisional no. DXS72]. Schmeckpeper BJ, et al. **Nucleic Acids Res** 1985 Aug 12; 13(15):5724

Impact of recombinant DNA technology in pharmacology. Bruno F, et al. **Pharmacol Res Commun** 1985 Feb; 17(2):109–21

Scope of DNA cloning and chemical methods in development of chemotherapeutic agents. Narang SA, et al. **Pharmacol Ther** 1984;26(2):163–89 (174 ref.)

The application of new DNA techniques in clinical genetics. Siggers DC. **Practitioner** 1984 Oct;228(1396):917–20, 923

Expression of human alpha 1-antitrypsin cDNA in the yeast Saccharomyces cerevisiae. Cabezón T, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6594–8

Propagation of some human DNA sequences in bacteriophage lambda vectors requires mutant Escherichia coli hosts. Wyman AR, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2880–4

Dissection of Mycobacterium tuberculosis antigens using recombinant DNA. Young RA, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2583–7

Molecular tools for the mapping of the human genome. Lehrach H, et al. **Prog Clin Biol Res** 1985;177:7–15

Challenges and opportunities in biotechnology. Overby LR. **Prog Clin Biol Res** 1985;182:425–43

Proposed addition of prohibited experiments to the NIH guidelines. **Recomb DNA Tech Bull** 1985 Mar;8(1):17–28

Location of topics in NIH guidelines for research involving recombinant DNA molecules. **Recomb DNA Tech Bull** 1985 Mar;8(1):32–4

Location of topics in NIH Guidelines for Research involving recombinant DNA molecules. **Recomb DNA Tech Bull** 1985 Jun;8(2):76–8

Ownership of inventions from federally funded research. Karny GM. **Recomb DNA Tech Bull** 1984 Sep;7(3):125–9

Senate hearing on the potential environmental consequences of genetic engineering. Milweski E. **Recomb DNA Tech Bull** 1984 Dec;7(4):189–203

The effect of colonizing mice with laboratory and wild type strains of E. coli containing tumor virus genomes. Smith C Jr, et al. **Recomb DNA Tech Bull** 1985 Jun;8(2):47–51

Fate of genetically-engineered microbes in natural environments. Stotzky G, et al. **Recomb DNA Tech Bull** 1984 Dec;7(4):163–88

From DNA to NDA—the impact of recombinant DNA technology on new drug development. Waife SO, et al. **Regul Toxicol Pharmacol** 1985 Jun;5(2):212–24

Prospects for human gene therapy. Anderson WF. **Science** 1984 Oct 26;226(4673):401–9

Antibodies made to order [news] Marx JL. **Science** 1985 Aug 2;229(4712):455–6

A general method for saturation mutagenesis of cloned DNA fragments. Myers RM, et al. **Science** 1985 Jul 19; 229(4710):242–7

Rifkin versus gene splicing: NIH wins a round [news] Norman C. **Science** 1985 Jul 19;229(4710):252

Isolation and regional mapping of random X sequences from distal human X chromosome. Murphy PD, et al. **Somatic Cell Mol Genet** 1985 Sep;11(5):433–44

Replication of pSV2-gpt in COS-1 cells: stability of plasmid DNA in the presence and absence of biochemical selection. Tsui LC, et al. **Somatic Cell Mol Genet** 1985 Mar; 11(2):167–76

Genetically engineered poxviruses: a novel approach to the construction of live vaccines. Paoletti E, et al. **Vaccine** 1984 Sep;2(3):204–8

Use of recombinant mammalian cell lines for vaccine production. Patzer EJ, et al. **Vaccine** 1984 Dec;2(4):234–5

Recombinant DNA in medicine. Cederbaum SD, et al. **West J Med** 1984 Aug;141(2):210–22

[Health and the environment in the face of advances in biotechnology] Lafontaine A. **Bull Mem Acad R Med Belg** 1984;139(8–9):437–48 (Eng. Abstr.) **(Fre)**

[Biotechnology: use and importance of genetic technics] Arnold HH. **Arzneimittelforsch** 1985;35(1):172–6 **(Ger)**

[Use of the recombination gene technic (gene splicing) in clinical medicine] Schuler D, et al. **Orv Hetil** 1985 Feb 24;126(8):437–42 (37 ref.) (Eng. Abstr.) **(Hun)**

[Phagemids in genetic engineering: an analysis of gene clonotheques] Mel'nikov AA, et al. **Dokl Akad Nauk SSSR** 1985;280(6):1437–41 **(Rus)**

[Medicine on the threshold of revolution in molecular biology] Kovačević Z. **Med Pregl** 1984;37(7–8):281–7 **(Scr)**

[Medical use of molecular cloning] Cabello F. **Rev Med Chil** 1984 Jul;112(7):697–705 (Eng. Abstr.) **(Spa)**

ANALYSIS

Defining the beginning and end of KpnI family segments. Grimaldi G, et al. **EMBO J** 1984 Aug;3(8):1753–9

Structure of the polymorphic feline c-myc oncogene locus. Soe LH, et al. **Gene** 1984 Nov;31(1–3):123–8

Tooth enamel gene identified by rDNA technology. Sheridan P. **J Am Dent Assoc** 1985 Mar;110(3):384

Characterization of cloned human alphoid satellite with an unusual monomeric construction: evidence for enrichment in HeLa small polydisperse circular DNA. Jones RS, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):1027–42

Annotated bibliography: chorionic villus biopsy and diagnosis of inherited diseases using recombinant DNA analysis. Applegarth DA, et al. **Pediatr Pathol** 1984; 2(4):501–2

Isolation and analysis of cDNA clones expressing human lupus La antigen. Chambers JC, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2115–9

DIAGNOSTIC USE

A male-specific DNA probe detects heterochromatin sequences in a familial Yq- chromosome. Lau YF, et al. **Am J Hum Genet** 1984 Nov;36(6):1394–6

Nucleic acid probes in diagnosis of viral diseases of man. Brief review. Kulski JK, et al. **Arch Virol** 1985;83(1–2):3–15 (58 ref.)

An appraisal of the application of recombinant DNA techniques to chromosome defects. Ellis KP, et al. **Biochem J** 1985 Feb 15;226(1):1–11 (115 ref.)

Applications of recombinant DNA to pathologic diagnosis. Sauls CD, et al. **Clin Chem** 1985 Jun;31(6):804–11

Localization of the thyroglobulin gene by in situ hybridization to human chromosomes. Bergé-Lefranc JL, et al. **Hum Genet** 1985;69(1):28–31

HISTORY

Investigations in the field of recombinant DNA technology performed in the 'Stefan S. Nicolau' Institute of Virology. Popa LM, et al. **Virologie** 1984 Oct–Dec;35(4):315–22

ISOLATION & PURIFICATION

Isolation of human chromosome 13-specific DNA sequences cloned from flow sorted chromosomes and potentially linked to the retinoblastoma locus. Lalande M, et al. **Cancer Genet Cytogenet** 1984 Dec;13(4):283–95

High specificity of the cDNA-RNase assay to detect accurate splicing in vitro. Keohavong P, et al. **DNA** 1984 Aug; 3(4):331–8

Isolation of human DNAs homologous to the BamHI-Z fragment of herpes simplex virus type 1 DNA. Umene K, et al. **Gene** 1984 Nov;31(1–3):9–16

Increase of cloning efficiencies by using high-performance liquid chromatography-purified vectors and linkers. Dornburg R, et al. **J Chromatogr** 1984 Jul 27;296:379–85

The isolation of a human Ig V lambda gene from a recombinant library of chromosome 22 and estimation of its copy number. Anderson ML, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6647–61

Isolation of recombinant cDNAs encoding chicken erythroid delta-aminolevulinate synthase. Yamamoto M, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3702–6

[Isolation and structure of a recombinant cDNA coding for the beta-crystallin of the crystalline lens in the frog Rana temporaria] Luchin SV, et al. **Dokl Akad Nauk SSSR** 1984 Nov–Dec;279(1):233–7 **(Rus)**

METABOLISM

Gene A protein interacting with recombinant plasmid DNAs containing 25–30 b.p. of the phi X174 replication origin. Fluit AC, et al. **Adv Exp Med Biol** 1984;179:231–40

The genetics of type I and type II diabetes: analysis by recombinant DNA methodology. Permutt MA, et al. **Adv Exp Med Biol** 1985;189:89–106

Purification and characterization of recombinant human interleukin-2 produced in Escherichia coli. Kato K, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):692–9

Comparison of the biological properties of purified natural and recombinant human interleukin-2. Naruo K, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):257–64

Diagnosis of familial amyloidotic polyneuropathy by recombinant DNA techniques. Sasaki H, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):636–42

Evaluation of recombinant DNA-directed E.coli produced alpha 1-antitrypsin as an anti-neutrophil elastase for potential use as replacement therapy of alpha 1-antitrypsin deficiency. Straus SD, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1177–84

In vitro recombination of bacteriophage T7 DNA: further characterization of the reaction using plasmid DNA. Lee D, et al. **Can J Biochem Cell Biol** 1985 Apr;63(4):243–8

Transformation of the Hprt gene with DNA from spermatogenic cells. Implications for the evolution of X chromosome inactivation. Venolia L, et al. **Chromosoma** 1984;90(3):185–9

A gene fusion that localises the penicillin-binding domain of penicillin-binding protein 3 of Escherichia coli. Hedge PJ, et al. **FEBS Lett** 1984 Oct 15;176(1):179–84

Plasmid vector for cloning in Streptococcus pneumoniae and strategies for enrichment for recombinant plasmids. Balganesh TS, et al. **Gene** 1984 Jul–Aug;29(1–2):221–30

A technique for integrating any DNA fragment into the chromosome of Escherichia coli. Raibaud O, et al. **Gene** 1984 Jul–Aug;29(1–2):231–41

The effect of nonhomologous DNA sequences on interplasmidic recombination. Laban A, et al. **Genetics** 1984 Sep;108(1):39–52

Merodiploidy in Escherichia coli-Salmonella typhimurium crosses: the role of unequal recombination between ribosomal RNA genes. Lehner AF, et al. **Genetics** 1985 Jul;110(3):365–80

The effect of X-rays and ultraviolet light on DNA-mediated gene transfer in mammalian cells. Debenham PG, et al. **Int J Radiat Biol** 1984 Nov;46(5):555–68

Production of interferon by application of recombinant DNA techniques. Volckaert G. **Interferon** 1984;1:233–49 (49 ref.)

DNA-directed in vitro synthesis and assembly of the form II D-ribulose-1,5-bisphosphate carboxylase/oxygenase from Rhodopseudomonas sphaeroides. Chory J, et al. **J Bacteriol** 1985 Jan;161(1):307–13

Characterization of receptors for immune interferon in U937 cells with 32P-labeled human recombinant immune interferon. Rashidbaigi A, et al. **J Biol Chem** 1985 Jul 15; 260(14):8514–9

Isolation and properties of recombinant DNA produced variants of human alpha 1-proteinase inhibitor. Travis J, et al. **J Biol Chem** 1985 Apr 10;260(7):4384–9

Molecular cloning and DNA sequence analysis of genes encoding cytotoxic T lymphocyte-defined HLA-A3 subtypes: the E1 subtype. Cowan EP, et al. **J Immunol** 1985 Oct;135(4):2835–41

Conservation of major nuclease S1-sensitive sites in the non-conserved spacer region of ribosomal DNA in Drosophila species. Franz G, et al. **J Mol Biol** 1985 Jun 25;183(4):519–27

Mechanism of strand cleavage and exchange in the Cre-lox site-specific recombination system. Hoess RH, et al. **J Mol Biol** 1985 Feb 5;181(3):351–62

Recombinant DNA approach to X-linked mental retardation. Sparkman DR. **J Neurogenet** 1984 Sep;1(3):199–211 (114 ref.)

Construction of recombinants between molecular clones of murine retrovirus MCF 247 and Akv: determinant of an in vitro host range property that maps in the long terminal repeat. Holland CA, et al. **J Virol** 1985 Jan;53(1):152–7

Cloned mouse DNA fragments can replicate in a simian virus 40 T antigen-dependent system in vivo and in vitro. Ariga H, et al. **Mol Cell Biol** 1985 Mar;5(3):563–8

Transformation of Neurospora crassa with recombinant plasmids containing the cloned glutamate dehydrogenase (am) gene: evidence for autonomous replication of the transforming plasmid. Grant DM, et al. **Mol Cell Biol** 1984 Oct;4(10):2041–51

Effect of the tripartite leader on synthesis of a non-viral protein in an adenovirus 5 recombinant. Berkner KL, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):841–57

Fate of exogenous recombinant plasmids introduced into mouse and human cells. Biamonti G, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5545–61

Independent recombination events between the duplicated human alpha globin genes; implications for their concerted evolution. Higgs DR, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):6965–77

DNA synthesis in yeast cell-free extracts dependent on recombinant DNA plasmids purified from Escherichia coli. Jong AY, et al. **Nucleic Acids Res** 1985 Apr 25; 13(8):2943–58

Gene transfer into the germ line of mice and into embryonal carcinoma stem cells. Wagner EF. **Philos Trans R Soc Lond [Biol]** 1984 Dec 4;307(1132):313–7

Faithful cell-cycle regulation of a recombinant mouse histone H4 gene is controlled by sequences in the 3'-terminal part of the gene. Lüscher B, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4389–93

Enhanced recombination between lambda plac5 and F42lac: identification of cis- and trans-acting factors. Seifert HS, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7500–4

Homology requirements for recombination in Escherichia coli. Watt VM, et al. **Proc Natl Acad Sci USA** 1985 Jul; 82(14):4768–72

Measuring gene expression with light. Engebrecht J, et al. **Science** 1985 Mar 15;227(4692):1345–7

A single recombinant plasmid expressing two major outer surface proteins of the Lyme disease spirochete. Howe TR, et al. **Science** 1985 Feb 8;227(4687):645–6

Use of restriction fragment length polymorphisms to determine the clonal origin of human tumors. Vogelstein B, et al. **Science** 1985 Feb 8;227(4687):642–5

Sites of recombination between the transforming gene of avian myeloblastosis virus and its helper virus. Kan NC, et al. **Virology** 1985 Sep;145(2):323–9

PHYSIOLOGY

[From hydroxyproline to recombinant DNA—Finnish collagen research today] Risteli L, et al. **Duodecim** 1985; 101(3):247–56 **(Fin)**

STANDARDS

Standardization and control of biologicals produced by recombinant DNA technology. Proceedings of a symposium, Geneva, Switzerland, 29 Nov.–1 Dec. 1983. **Dev Biol Stand** 1985;59:1–209

Changing views of the hazards of recombinant DNA manipulation and the regulation of these procedures. Levin BR. **Recomb DNA Tech Bull** 1984 Sep;7(3):107–14

Development of guidelines for field testing of plants modified by recombinant DNA techniques. Milewski E, et al. **Recomb DNA Tech Bull** 1984 Sep;7(3):114–24

THERAPEUTIC USE

NIH/FDA dispute likely to delay research [news] Beardsley T. **Nature** 1985 Aug 15–21;316(6029):567

DNA RELAXING ENZYMES see DNA UNTWISTING PROTEINS

DNA REPAIR

see related
PYRIMIDINE DIMERS

Effect of UV induced DNA lesions on the activity of Escherichia coli DNA topoisomerases: a possible role of these enzymes in DNA repair. Pedrini AM. **Adv Exp Med Biol** 1984;179:449–54

Recovery, repair, and mutagenesis in Schizosaccharomyces pombe. Phipps J, et al. **Adv Genet** 1985;23:1–72 (336 ref.)

Differentiation of apurinic/apyrimidinic sites and single-strand breaks in DNA by formamide- and alkaline-sucrose gradient sedimentation. Ross J, et al. **Anal Biochem** 1985 Jan;144(1):212–7

Inducible DNA repair systems. Walker GC. **Annu Rev Biochem** 1985;54:425–57 (374 ref.)

Photoreactivation of UV-irradiated Legionella pneumophila and other Legionella species. Knudson GB. **Appl Environ Microbiol** 1985 Apr;49(4):975–80

Endogenous ADP ribosylation of high mobility group proteins 1 and 2 and histone H1 following DNA damage in intact cells. Tanuma S, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):38–42

Persistence of SCE-inducing lesions in vivo: relevance to mechanisms of SCE formation. Conner MK. **Basic Life Sci** 1984;29 Pt A:199–214

DNA interstrand cross-linking, repair, and SCE mechanism in human cells in special reference to Fanconi anemia. Fujiwara Y, et al. **Basic Life Sci** 1984;29 Pt B:787–800

Aspects of DNA repair and nucleotide pool imbalance. Holliday R. **Basic Life Sci** 1985;31:453–60 (24 ref.)

Removal and persistence of SCE–inducing damage in human lymphocytes in vitro. Lambert B, et al. **Basic Life Sci** 1984;29 Pt B:647–62

DNA repair and sister chromatid exchanges. Lindahl–Kiessling K, et al. **Basic Life Sci** 1984;29 Pt A:305–11

Saturation of repair. Setlow RB. **Basic Life Sci** 1985;33:251–60

Effects of nucleotide pool imbalances on the excision repair of ultraviolet–induced damage in the DNA of human diploid fibroblasts. Snyder RD. **Basic Life Sci** 1985;31:163–73

DNA polymerase activity in a repair–deficient human cell line. Joe CO, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):754–9

Deficient repair of DNA lesions in Alzheimer's disease fibroblasts. Li JC, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):733–8

Coupled endo–exodeoxyribonuclease activity from HeLa cell nuclei can function in an excision repair mode in vitro. Quarless SA. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):812–7

A possible correlation between the growth rate and the extent of DNA damage induced by radiodecay in mouse lymphoma cells. Ribeiro PL, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):204–10

Detection of repair of chemical–induced DNA damage in vivo by the nucleoid sedimentation assay. Romagna F, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):56–62

Inhibition of enzymic incision of thymine dimers by covalently bound 2–[N–[(deoxyguanosin–8–yl)acetyl]amino]fluorene in deoxyribonucleic acid. Duker NJ, et al. **Biochemistry** 1985 Jan 15;24(2):408–12

Multiple conformational states of repair patches in chromatin during DNA excision repair. Hunting DJ, et al. **Biochemistry** 1985 Jun 18;24(13):3219–26

Psoralen–DNA crosslink repair in human lymphocytes. Comparison of alkaline elution with electron microscopy. Bohr V, et al. **Biochim Biophys Acta** 1984 Nov 22;783(2):183–6

DNA repair and replication in human fibroblasts treated with (+/–)–r–7,t–8–dihydroxy–t–9,10–epoxy–7,8,9,10–tetrahydr . Kaufmann WK, et al. **Biochim Biophys Acta** 1985 Feb 20;824(2):146–51

DNA damage repair in quiescent murine mammary carcinoma cells in culture. Warters RL, et al. **Biochim Biophys Acta** 1985 Apr 19;824(4):357–64

Symposium on 'Genetics and regulation of DNA repair', November 24, 1984, London. Abstracts. **Br J Cancer** 1985 Apr;51(4):603–10

Ultraviolet radiation–induced histopathological changes in the skin of the marsupial Monodelphis domestica. I. The effects of acute and chronic exposures and of photoreactivation treatment. Applegate LA, et al. **Br J Dermatol** 1985 Aug;113(2):219–27

Mammalian SOS system: a case of misplaced analogies. Rossman TG, et al. **Cancer Invest** 1985;3(2):175–87 (126 ref.)

SOS response in mammalian cells. Sarasin A. **Cancer Invest** 1985;3(2):163–74 (71 ref.)

Dose–dependent persistence of alkylation–induced single stranded regions in rat liver DNA in vivo. Stewart BW, et al. **Cancer Lett** 1985 Aug;28(1):27–33

Defective DNA cross–link removal in Chinese hamster cell mutants hypersensitive to bifunctional alkylating agents. Hoy CA, et al. **Cancer Res** 1985 Apr;45(4):1737–43

Photoprotective role of epidermal melanin granules against ultraviolet damage and DNA repair in guinea pig skin. Ishikawa T, et al. **Cancer Res** 1984 Nov;44(11):5195–9

Induction of DNA strand breaks and cross–links by 2,5–diaziridinyl–3,6–bis(carboethoxyamino)–1,4–benzoquin in Chinese hamster ovary cells. King CL, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5634–7

Single– and double–strand DNA breakage and repair in human lung adenocarcinoma cells exposed to etoposide and teniposide. Long BH, et al. **Cancer Res** 1985 Jul;45(7):3106–12

Triggering of DNA strand_breaks by 45 degrees C hyperthermia and its influence on the repair of gamma–radiation damage in human white blood cells. Mitchel RE, et al. **Cancer Res** 1985 May;45(5):2040–5

Unscheduled DNA synthesis in mononuclear leukocytes from patients with colorectal polyps. Pero RW, et al. **Cancer Res** 1985 Jul;45(7):3388–91

The role of DNA–repair processes in N–nitrosopyrrolidine–induced mutagenesis. Alldrick AJ, et al. **Carcinogenesis** 1985 Jan;6(1):105–8

Repair of O4–methyldeoxythymidine residues in DNA by mammalian liver extracts. Becker RA, et al. **Carcinogenesis** 1985 Feb;6(2):313–7

Repair of O6–methylguanine, by mammalian cell extracts, in alkylated DNA and poly(dG–m5dC).(poly dG–m5dC) in B and Z forms. Boiteux S, et al. **Carcinogenesis** 1985 May;6(5):805–7

Poly (ADP–ribose) is not involved in the rejoining of DNA breaks accumulated to high levels in u.v.–irradiated HeLa cells. Collins A. **Carcinogenesis** 1985 Jul;6(7):1033–6

Repair of chromate–induced DNA damage in chick embryo hepatocytes. Cupo DY, et al. **Carcinogenesis** 1984 Dec;5(12):1705–8

Repair of O6–methylguanine in human fetal brain and skin cells in culture. D'Ambrosio SM, et al. **Carcinogenesis** 1984 Dec;5(12):1657–61

Differential capacities for DNA repair in Clara cells, alveolar type II cells and macrophages of rabbit lung. Deilhaug T, et al. **Carcinogenesis** 1985 Apr;6(4):661–3

Specific DNA repair mechanisms may protect some human tumor cells from DNA interstrand crosslinking by chloroethylnitrosoureas but not from crosslinking by other anti–tumor alkylating agents. Gibson NW, et al. **Carcinogenesis** 1985 Mar;6(3):445–50

Visualization of chromatin events associated with repair of ultraviolet light–induced damage by premature chromosome condensation. Hittelman WN, et al. **Carcinogenesis** 1984 Oct;5(10):1277–85

Repair of O6–propylguanine and O6–butylguanine in DNA by O6–alkylguanine–DNA alkyltransferases from rat liver and E. coli. Morimoto K, et al. **Carcinogenesis** 1985 Jul;6(7):1027–31

Absence of DNA breaks during repair of DNA–protein cross–links induced by the mycotoxin botryodiplodin in mammalian cells. Moulé Y, et al. **Carcinogenesis** 1984 Oct;5(10):1375–7

O6–Methylguanine–DNA transmethylase converts O6–methylguanine thymine base pairs to guanine thymine base pairs in DNA. Toorchen D, et al. **Carcinogenesis** 1984 Dec;5(12):1733–5

Human tumor cell strains both unable to repair O6–methylguanine and hypersensitive to killing by human alpha and beta interferons. Yarosh DB, et al. **Carcinogenesis** 1985 Jun;6(6):883–6

Human O6–alkylguanine–DNA alkyltransferase fails to repair O4–methylthymine and methyl phosphotriesters in DNA as efficiently as does the alkyltransferase from Escherichia coli. Yarosh DB, et al. **Carcinogenesis** 1985 Jul;6(7):949–53

DNA repair in an active gene: removal of pyrimidine dimers from the DHFR gene of CHO cells is much more efficient than in the genome overall. Bohr VA, et al. **Cell** 1985 Feb;40(2):359–69

Different base/base mismatches are corrected with different efficiencies by the methyl–directed DNA mismatch–repair system of E. coli. Kramer B, et al. **Cell** 1984 Oct;38(3):879–87

Inhibition of postreplication recombinational repair by DNA–gyrase antagonists in Escherichia coli. Priel E. **Cell Biol Int Rep** 1984 Sep;8(9):773–86

DNA repair. Sekiguchi M. **Cell Struct Funct** 1984 Jul;9 Suppl:s9–12 (52 ref.)

Unscheduled DNA synthesis in cell lysate system reflecting DNA repair in vivo. Yamada K, et al. **Cell Struct Funct** 1984 Dec;9(4):327–36

Relationships between carcinogen metabolism, adduct binding and DNA damage in 3–methylcholanthrene–exposed lung. Stewart BW, et al. **Chem Biol Interact** 1984 Nov;52(1):111–28

Repair of benzo[a]pyrene diol epoxide damaged bacteriophage T7 DNA determined by survival of phage made by in vitro packaging. Van Houten B, et al. **Chem Biol Interact** 1985 Feb–Apr;53(1–2):89–97

Induction of repair synthesis of DNA in primary cultures of rat urothelial cells by derivatives of the bladder carcinogen, N–n–butyl–N–(4–hydroxybutyl)nitrosamine. Wang CY, et al. **Chem Biol Interact** 1985 Feb–Apr;53(1–2):99–105

Strand breaks arising from the repair of the 5–bromodeoxyuridine–substituted template and methyl methanesulphonate–induced lesions can explain the formation of sister chromatid exchanges. Saffhill R, et al. **Chromosoma** 1985;92(3):218–24

Do the frequencies of sister chromatid exchanges in endoreduplicated mitoses provide a measure for lesion persistence and repair? Speit G, et al. **Chromosoma** 1985;91(5):369–71

An Escherichia coli cell–free system that catalyzes the repair of symmetrically methylated heteroduplex DNA. Fishel RA, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:603–9

Formation of inverted dimer plasmids after transformation of yeast with linearized plasmid DNA. Kunes S, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:617–28

Repair of DNA base–pair mismatches in extracts of Escherichia coli. Lu AL, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:589–96

Studies of HeLa DNA polymerases during excision–repair in vitro with DNA and chromatin substrates. Mosbaugh DW, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:581–8

The mutH, mutL, mutS, and uvrD genes of Salmonella typhimurium LT2. Pang PP, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:597–602

Changes in the chromosomal DNA of yeast during meiosis in repair mutants and the possible role of a deoxyribonuclease. Resnick MA, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:639–49

Double–strand–break repair, gene conversion, and postdivision segregation. Rothstein R. **Cold Spring Harbor Symp Quant Biol** 1984;49:629–37

Involvement of Escherichia coli mismatch repair in DNA replication and recombination. Wagner R, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:611–5

Correlation between post–replication repair and metastatic potential in B16 mouse melanoma cell lines. Khalil F, et al. **Cytobios** 1985;42(166):117–23

Evaluation of colony–forming ability experiments using normal and DNA repair–deficient human fibroblast strains and an automatic colony counter. Thielmann HW, et al. **Cytometry** 1985 Mar;6(2):130–6

3–Methyladenine residues in DNA induce the SOS function sfiA in Escherichia coli. Boiteux S, et al. **EMBO J** 1984 Nov;3(11):2569–73

Induction of resistance to alkylating agents in E. coli: the ada+ gene product serves both as a regulatory protein and as an enzyme for repair of mutagenic damage. Teo I, et al. **EMBO J** 1984 Sep;3(9):2151–7

Mutagen sensitivity of Drosophila melanogaster: VII. Alkylation mutagenesis of mature and immature oocytes of the excision–deficient mus(2) 201D1 mutant. Badaruddin AS, et al. **Environ Mutagen** 1984;6(5):753–5

Purification and some of the functions of the products of bacteriophage T4 recombination genes, uvsX and uvsY. Yonesaki T, et al. **Eur J Biochem** 1985 Apr 1;148(1):127–34

Fibroblasts from patients with Fanconi's anemia are not deficient in excision of thymine dimer. Klocker H, et al. **Eur J Cell Biol** 1985 May;37:240–2

Establishment and characterization of a permanent pSV ori––transformed ataxia–telangiectasia cell line. Murnane JP, et al. **Exp Cell Res** 1985 May;158(1):119–26

Poly ADP–ribosylation––a cellular emergency reaction? Wintersberger U, et al. **FEBS Lett** 1985 Sep 2;188(2):189–91

Cloning of the DNA repair genes mtcA, mtcB, uvsC, uvsD, uvsE and the leuB gene from Deinococcus radiodurans. Al–Bakri GH, et al. **Gene** 1985;33(3):305–11

Cloning of the hexA mismatch–repair gene of Streptococcus pneumoniae and identification of the product. Martin B, et al. **Gene** 1985;34(2–3):293–303

Meiotic recombination and sporulation in repair–deficient strains of yeast. Dowling EL, et al. **Genetics** 1985 Feb;109(2):283–302

Mismatch repair mutations of Escherichia coli K12 enhance transposon excision. Lundblad V, et al. **Genetics** 1985 Jan;109(1):3–19

Bacteriophage T4 gene 32 participates in excision repair as well as recombinational repair of UV damages. Mosig G. **Genetics** 1985 Jun;110(2):159–71

Genetic changes in mammalian cells reminiscent of an SOS response. Herrlich P, et al. **Hum Genet** 1984;67(4):360–8

Fanconi anaemia cells are not uniformly deficient in unhooking of DNA interstrand crosslinks, induced by mitomycin C or 8–methoxypsoralen plus UVA. Poll EH, et al. **Hum Genet** 1984;68(3):228–34

High–affinity monoclonal antibodies for the specific recognition and quantification of deoxynucleosides structurally modified by N–nitroso compounds. Adamkiewicz J, et al. **IARC Sci Publ** 1984;(57):581–7

Unscheduled DNA synthesis in human leucocytes after a fish (amine source) meal with or without salad (nitrite source). Miller CT. **IARC Sci Publ** 1984;(57):609–13

Properties of the O6–alkylguanine–DNA repair system of mammalian cells. Pegg AE. **IARC Sci Publ** 1984;(57):575–80

Enzymology of repair of DNA adducts produced by N–nitroso compounds. Setlow RB, et al. **IARC Sci Publ** 1984;(57):561–70 (50 ref.)

Poly(ADP–ribose) and the recovery from damage in Chinese hamster cells due to 5–bromodeoxyuridine photolysis. Ben–Hur E, et al. **Int J Radiat Biol** 1985 Jul;48(1):33–43

Involvement of poly (ADP–ribose) in the radiation response of mammalian cells. Ben–Hur E. **Int J Radiat Biol** 1984 Dec;46(6):659–71 (79 ref.)

DNA strand break rejoining in human lymphocytes during the S phase. Catena C, et al. **Int J Radiat Biol** 1985 May;47(5):489–96

Reduced PLD repair ability in glutathione synthetase deficient human fibroblasts after UV irradiation. Deschavanne PJ, et al. **Int J Radiat Biol** 1984 Oct;46(4):375–82

The formation of photoreactivable damage by direct excitation of DNA in X–irradiated E. coli cells. Duba VV, et al. **Int J Radiat Biol** 1985 Jan;47(1):49–56

Glutathione requirement for the rejoining of radiation–induced DNA breaks in misonidazole–treated cells. Edgren M, et al. **Int J Radiat Biol** 1985 Aug;48(2):207–12

Split–dose recovery is due to the repair of DNA double–strand breaks. Frankenberg D, et al. **Int J Radiat Biol** 1984 Nov;46(5):541–53

The influence of G2 progression on X–ray sensitivity of two–cell mouse embryos. Molls M, et al. **Int J Radiat Biol** 1984 Oct;46(4):355–65

Role of chromatin structure in the repair of DNA photoproducts in mammalian cells. Nairn RS, et al. **Int J Radiat Biol** 1985 Feb;47(2):181–9

Potential repair of free radical adducts of dGMP and dG by a series of reductants. A pulse radiolytic study. O'Neill P, et al. **Int J Radiat Biol** 1985 Jan;47(1):71–80

Repair of DNA double–strand breaks in colcemid–arrested mitotic Chinese hamster cells. Rydberg B. **Int J Radiat Biol** 1984 Sep;46(3):299–304

Age associated alteration in DNA damage and repair capacity in Turbatrix aceti exposed to ionizing radiation. Targovnik HS, et al. **Int J Radiat Biol** 1985 Mar;

47(3):255–60
An 'incomplete-repair' model for survival after fractionated and continuous irradiations. Thames HD. **Int J Radiat Biol** 1985 Mar;47(3):319–39
Two forms of potentially lethal damage have similar repair kinetics in plateau- and in log-phase cells. Utsumi H, et al. **Int J Radiat Biol** 1985 May;47(5):569–80
Repair of potentially lethal X-ray damage in fibroblasts derived from patients with hereditary and D-deletion retinoblastoma. Weichselbaum RR, et al. **Int J Radiat Biol** 1985 Apr;47(4):445–56
Combined effect of diethyldithiocarbamate (DDC) and modest hyperthermia on Chinese hamster (V79) cell survival and DNA strand break repair following photon irradiation. Wagner H Jr, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1575–9
DNA repair in Saccharomyces cerevisiae: purification and characterization of apurinic endonucleases. Armel PR, et al. **J Bacteriol** 1984 Dec;160(3):895–902
Heteroduplex DNA mismatch repair system of Streptococcus pneumoniae: cloning and expression of the hexA gene. Balganesh TS, et al. **J Bacteriol** 1985 Jun;162(3):979–84
Regulation of the SOS response analyzed by RecA protein amplification. Calsou P, et al. **J Bacteriol** 1985 Jun;162(3):1162–5
Mutagenesis of Neisseria gonorrhoeae: absence of error-prone repair. Campbell LA, et al. **J Bacteriol** 1984 Oct;160(1):288–93
Photodynamic inactivation and mutagenesis by angelicin (isopsoralen) or thiopyronin (methylene red) in wild-type and repair-deficient strains of bacteriophage T4. Drake JW. **J Bacteriol** 1985 Jun;162(3):1311–3
Induction of transversion mutations in Escherichia coli by N-methyl-N'-nitro-N-nitrosoguanidine is SOS dependent. Foster PL, et al. **J Bacteriol** 1985 Jul;163(1):213–20
Evidence for RecA protein association with the cell membrane and for changes in the levels of major outer membrane proteins in SOS-induced Escherichia coli cells. Garvey N, et al. **J Bacteriol** 1985 Sep;163(3):870–6
Repair of nonreplicating UV-irradiated DNA: cooperative dark repair by Escherichia coli uvr and phr functions. Hays JB, et al. **J Bacteriol** 1985 Feb;161(2):602–8
Repair of cis-platinum-DNA adducts by ABC excinuclease in vivo and in vitro. Husain I, et al. **J Bacteriol** 1985 Sep;163(3):817–23
Induction and autoregulation of ada, a positively acting element regulating the response of Escherichia coli K-12 to methylating agents. Lemotte PK, et al. **J Bacteriol** 1985 Mar;161(3):888–95
Genetic characterization of the inducible SOS-like system of Bacillus subtilis. Love PE, et al. **J Bacteriol** 1984 Dec;160(3):910–20
Bacillus subtilis mutants deficient in the adaptive response to simple alkylating agents. Morohoshi F, et al. **J Bacteriol** 1985 Mar;161(3):825–30
Identification and characterization of the mutL and mutS gene products of Salmonella typhimurium LT2. Pang PP, et al. **J Bacteriol** 1985 Sep;163(3):1007–15
Single-strand breakage of DNA in UV-irradiated uvrA, uvrB, and uvrC mutants of Escherichia coli. Tang MS, et al. **J Bacteriol** 1985 Mar;161(3):933–8
The Escherichia coli O6-methylguanine-DNA methyltransferase does not repair promutagenic O6-methylguanine residues when present in Z-DNA. Boiteux S, et al. **J Biol Chem** 1985 Jul 25;260(15):8711–5
Increased superoxide radical production evokes inducible DNA repair in Escherichia coli. Brawn MK, et al. **J Biol Chem** 1985 Jan 25;260(2):922–5
The distribution of DNA excision-repair sites in human diploid fibroblasts following ultraviolet irradiation. Cohn SM, et al. **J Biol Chem** 1984 Oct 25;259(20):12463–9
The use of antibodies to 5-bromo-2'-deoxyuridine for the isolation of DNA sequences containing excision-repair sites. Cohn SM, et al. **J Biol Chem** 1984 Oct 25;259(20):12456–62
Comparative enzymology of ultraviolet-induced DNA repair synthesis and semiconservative DNA replication in permeable diploid human fibroblasts. Dresler SL. **J Biol Chem** 1984 Nov 25;259(22):13947–52
Characterization of DNA polymerase I*, a form of DNA polymerase I found in Escherichia coli expressing SOS functions. Lackey D, et al. **J Biol Chem** 1985 Mar 10;260(5):3178–84
A new approach to the study of the base-excision repair pathway using methoxyamine. Liuzzi M, et al. **J Biol Chem** 1985 May 10;260(9):5252–8
An endonuclease specific for single-stranded DNA selectively damages the genomic DNA and induces the SOS response. Panayotatos N, et al. **J Biol Chem** 1985 Mar 10;260(5):3173–7
Response of recA-dependent operons to different DNA damage signals. Smith CL. **J Biol Chem** 1985 Aug 25;260(18):10069–74
SOS-type functions in mammalian cells. Enhanced reactivation of UV-irradiated SV 40 in UV-irradiated CV-1 cells. Hagedorn R, et al. **J Cancer Res Clin Oncol** 1985;109(2):89–92
Xeroderma pigmentosum patients from the Federal Republic of Germany: decrease in post-UV colony-forming ability in 30 xeroderma pigmentosum fibroblast strains is quantitatively correlated with a decrease in DNA-incising capacity. Thielmann HW, et al. **J Cancer Res Clin Oncol** 1985;109(3):227–40
Regulation of DNA repair in serum-stimulated xeroderma pigmentosum cells. Gupta PK, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1275–81
Lesions induced in DNA by ultraviolet light are repaired at the nuclear cage. McCready SJ, et al. **J Cell Sci** 1984 Aug;70:189–96
Resistance of mouse lymphoma L5178YAII cells to alkylation with methylmethane sulphonate resides in a late step of excision repair. Pearson CM, et al. **J Cell Sci** 1984 Jun;68:35–48
Indirect SOS induction is promoted by ultraviolet light-damaged miniF and requires the miniF lynA locus. Bailone A, et al. **J Mol Biol** 1984 Nov 5;179(3):367–90
Analysis of mRNA synthesis following induction of the Escherichia coli SOS system. Markham BE, et al. **J Mol Biol** 1984 Sep 15;178(2):237–48
Mutagenic SOS repair of site-specific psoralen damage in plasmid pBR322. Saffran WA, et al. **J Mol Biol** 1984 Sep 25;178(3):595–609
Ultraviolet light sensitivity and unscheduled DNA synthesis in various cell strains derived from C57BL mouse. Ikebuchi M, et al. **J Radiat Res (Tokyo)** 1984 Sep;25(3):203–14
Host cell reactivation of ultraviolet light irradiated adenovirus 5 in fibroblasts from patients with Cockayne syndrome: a study with six Japanese cases. Watatani M, et al. **J Radiat Res (Tokyo)** 1984 Jun;25(2):150–9
A model of DSB-repair kinetics. Phidal I, et al. **J Theor Biol** 1984 Nov 7;111(1):81–90
Multiplicity reactivation of bacteriophage T7 inactivated by methyl methanesulfonate. Karska-Wysocki B, et al. **J Virol** 1984 Dec;52(3):1009–10
DNA repair and its possible involvement in the origin of multiple cancer. Takebe H, et al. **Jpn J Clin Oncol** 1985 Apr;15 Suppl 1:299–305
DNA repair deficiencies and cellular senescence are unrelated in xeroderma pigmentosum cell lines. Cleaver JE. **Mech Ageing Dev** 1984 Oct 15;27(2):189–96
Correlation of DNA repair synthesis with ageing in mice, evidenced by quantitative autoradiography. Kempf C, et al. **Mech Ageing Dev** 1984 Aug;26(2–3):183–94
A comparison of DNA repair synthesis in primary hepatocytes from young and old rats. Kennah HE 2d, et al. **Mech Ageing Dev** 1985 Mar;29(3):283–98
Changes of DNA repair mechanisms during the aging of the rat. Niedermüller H, et al. **Mech Ageing Dev** 1985 Mar;29(3):221–38
Age-related changes in the excision repair capacity of Turbatrix aceti. Targovnik HS, et al. **Mech Ageing Dev** 1984 Sep;27(1):73–81
Ultraviolet mutagenesis and inducible DNA repair in Caulobacter crescentus. Bender RA. **MGG** 1984;197(3):399–402
Mutagenic repair in Escherichia coli. X. The umuC gene product may be required for replication past pyrimidine dimers but not for the coding error in UV-mutagenesis. Bridges BA, et al. **MGG** 1984;196(2):364–6
Identification of Streptococcus pneumoniae mismatch repair genes by an additive transformation approach. Claverys JP, et al. **MGG** 1984;196(1):91–6
Molecular cloning and characterization of the alkB gene of Escherichia coli. Kataoka H, et al. **MGG** 1985;198(2):263–9
Mechanism of transient inhibition of DNA synthesis in ultraviolet-irradiated E. coli: inhibition is independent of recA whilst recovery requires RecA protein itself and an additional, inducible SOS function. Khidhir MA, et al. **MGG** 1985;199(1):133–40
Mutagenesis in yeast-misreplication or misrepair? Kilbey BJ. **MGG** 1984;197(3):519–21
Recombination in the lambda repressor gene: evidence that very short patch (VSP) mismatch correction restores a specific sequence. Lieb M. **MGG** 1985;199(3):465–70
Interaction of an antimutator gene with DNA repair pathways in Escherichia coli K-12. Lyons SM, et al. **MGG** 1985;198(2):336–47
Physiology of the SOS response: kinetics of lexA and recA transcriptional activity following induction. Markham BE, et al. **MGG** 1985;198(2):207–12
Repair of UV damage in plasmid DNA by human fibroblasts. Mooibroek H, et al. **MGG** 1984;195(1–2):175–9
Expression of the RAD1 and RAD3 genes of Saccharomyces cerevisiae is not affected by DNA damage or during the cell division cycle. Nagpal ML, et al. **MGG** 1985;199(1):59–63
Repair of DNA double-strand breaks in Escherichia coli K12 requires a functional recN product. Picksley SM, et al. **MGG** 1984;195(1–2):267–74
SOS induction by thermosensitive replication mutants of miniF plasmid. Sommer S, et al. **MGG** 1985;198(3):456–64
Hypomethylation of repair patches in HeLa cells. Eremenko T, et al. **Mol Biol Rep** 1985 Apr;10(3):177–82
Efficient correction of mismatched bases in plasmid heteroduplexes injected into cultured mammalian cell nuclei. Folger KR, et al. **Mol Cell Biol** 1985 Jan;5(1):70–4
Specific transcripts are elevated in Saccharomyces cerevisiae in response to DNA damage. McClanahan T, et al. **Mol Cell Biol** 1984 Nov;4(11):2356–63
RAD3 gene of Saccharomyces cerevisiae: nucleotide sequence of wild-type and mutant alleles, transcript mapping, and aspects of gene regulation. Naumovski L, et al. **Mol Cell Biol** 1985 Jan;5(1):17–26
Molecular cloning and chromosomal localization of DNA sequences associated with a human DNA repair gene. Rubin JS, et al. **Mol Cell Biol** 1985 Feb;5(2):398–405
Specific Saccharomyces cerevisiae genes are expressed in response to DNA-damaging agents. Ruby SW, et al. **Mol Cell Biol** 1985 Jan;5(1):75–84
DNA-mediated transfer of a human DNA repair gene that controls sister chromatid exchange. Thompson LH, et al. **Mol Cell Biol** 1985 Apr;5(4):881–4
Mismatch repair of cis-diamminedichloroplatinum(II)-induced DNA damage. Fram RJ, et al. **Mol Pharmacol** 1985 Jul;28(1):51–5
Mutational and recombinational events in carcinogen-modified plasmid DNA. Influence of host-cell repair genes. Abbott PJ. **Mutat Res** 1985 Jan-Mar;145(1–2):25–34
The resistance of E. coli cultivated in low concentrations of dichlorvos to N-methyl-N'-nitro-N-nitrosoguanidine induced mutagenesis. Aldrick AJ, et al. **Mutat Res** 1985 Jan–Feb;142(1–2):1–4
An assessment of the in vivo rat hepatocyte DNA-repair assay. Ashby J, et al. **Mutat Res** 1985 Apr-May;156(1–2):1–18
DNA-DNA and DNA-protein crosslinking and repair in Neurospora crassa following exposure to nitrogen mustard. Baker JM, et al. **Mutat Res** 1984 Nov–Dec;132(5–6):171–9
Further characterization of SOS system induction in recBC mutants of Escherichia coli. Barbé J, et al. **Mutat Res** 1985 Jul;146(1):23–32
Biological monitoring of workers in the rubber industry. II. UV-induced unscheduled DNA synthesis in the lymphocytes of vulcanizers. Benigni R, et al. **Mutat Res** 1984 Oct;138(1):105–11
DNA repair in lymphocytes from patients with secondary leukemia as measured by strand rejoining and unscheduled DNA synthesis. Bohr V, et al. **Mutat Res** 1985 Sep;146(2):219–25
Enzymatic excision of DNA bases damaged by exposure to ionizing radiation or oxidizing agents. Breimer LH, et al. **Mutat Res** 1985 Jun–Jul;150(1–2):85–9
The two-step model of bacterial UV mutagenesis. Bridges BA, et al. **Mutat Res** 1985 Jun–Jul;150(1–2):133–9
Use of the terms mutagenicity and genotoxicity [letter] Bridges BA. **Mutat Res** 1984 Sep–Oct;132(3–4):139, 141–2
Further characterization of repair of 8-methoxypsoralen crosslinks in UV-excision-defective Escherichia coli. Bridges BA. **Mutat Res** 1984 Nov–Dec;132(5–6):153–60
Effect of the homokaryotic or heterokaryotic state of the uvs-2 allele in Neurospora crassa on mitomycin C-induced killing and ad-3 mutation. Brockman HE, et al. **Mutat Res** 1985 Jun–Jul;150(1–2):193–202
Collagenase perfusion of rat liver induces DNA damage and DNA repair in hepatocytes. Cesarone CF, et al. **Mutat Res** 1984 Oct;141(2):113–6
Genetic control of the bypass of mono-adducts and of the repair of cross-links photoinduced by 8-methoxypsoralen in yeast. Chanet R, et al. **Mutat Res** 1985 May;145(3):145–55
Induction of sister-chromatid exchanges in ICR 2A frog cells exposed to 265–313 nm monochromatic ultraviolet wavelengths and photoreactivating light. Chao CC, et al. **Mutat Res** 1985 May;149(3):443–50
Gene dosage and complementation analysis of ataxia telangiectasia lymphoblastoid cell lines assayed by induced chromosome aberrations. Chen P, et al. **Mutat Res** 1984 Nov;129(2):165–72
The specificity of base-pair substitution induced by the mutL and mutS mutators in E. coli. Choy HE, et al. **Mutat Res** 1985 Mar;142(3):93–7
Poly(ADP-ribose) synthesis is involved in the toxic effects of alkylating agents but does not regulate DNA repair. Cleaver JE, et al. **Mutat Res** 1985 Jun–Jul;150(1–2):69–76 (54 ref.)
Paradoxical behaviour of pKM101; inhibition of uvr-independent crosslink repair in Escherichia coli by muc gene products. Cupido M, et al. **Mutat Res** 1985 Jan–Mar;145(1–2):49–53
Uvr-independent repair of 8-methoxypsoralen crosslinks in Escherichia coli: evidence for a recombinational process. Cupido M, et al. **Mutat Res** 1985 Sep;146(2):135–41
Cytological characterization of repair-deficient CHO cell line 43-3B. I. Induction of chromosomal aberrations and sister-chromatid exchanges by UV and its modulation with 3-aminobenzamide. Darroudi F, et al. **Mutat Res** 1985 Apr;149(2):239–47
Mutagenicity testing with TA97 and TA102 of 30 DNA-damaging compounds, negative with other Salmonella strains. De Flora S, et al. **Mutat Res** 1984 Sep–Nov;134(2–3):159–65
Microinjection of Micrococcus luteus UV-endonuclease restores UV-induced unscheduled DNA synthesis in cells of 9 xeroderma pigmentosum complementation groups. de Jonge AJ, et al. **Mutat Res** 1985 Jun–Jul;150(1–2):99–105
Studies on mutagen-sensitive strains of Drosophila melanogaster. VI. The effect of DNA-repair deficiencies in spermatids, spermatocytes and spermatogonia irradiated in N2 or O2. Eeken JC, et al. **Mutat Res** 1985 May;149(3):409–14
Use of low temperature for growth arrest and synchronization of human diploid fibroblasts. Enninga IC, et al. **Mutat Res** 1984 Oct;130(5):343–52
Differential response of human fibroblasts to the cytotoxic and mutagenic effects of UV radiation in different phases

of the cell cycle. Enninga IC, et al. **Mutat Res** 1985 Jan-Feb;148(1-2):119-28

Identification and initial characterisation of a pyrimidine dimer UV endonuclease (UV endonuclease beta) from Deinococcus radiodurans; a DNA-repair enzyme that requires manganese ions. Evans DM, et al. **Mutat Res** 1985 May;145(3):119-28

Induction of 3-methyladenine DNA glycosylase II is recA+-independent. Evensen G. **Mutat Res** 1985 Sep;146(2):143-7

Study on the repair of the radioinduced lesions involved in the formation of chromosomal aberrations in G0 human lymphocytes after exposure to gamma-rays and fast neutrons. Fabry L, et al. **Mutat Res** 1985 May;149(3):475-83

Frameshift mutagenesis by acridines in wild-type, uvrB and polA strains of Salmonella typhimurium with and without plasmid pKM101. Ferguson LR, et al. **Mutat Res** 1984 Oct;141(2):83-8

Studies on mutagen-sensitive strains of Drosophila melanogaster. IV. Modification of genetic damage induced by X-irradiation of spermatozoa and spermatids in N2 or O2 by mei-9a, mei-41D5 and mus(1)101D1. Ferro W, et al. **Mutat Res** 1985 May;149(3):385-98

A sixth complementation group in xeroderma pigmentosum, XP I. Fischer E, et al. **Mutat Res** 1985 May;145(3):217-25

Kinetics of recombinational hybrid formation in X-irradiated mammalian cells: a possible first step in the repair of DNA double-strand breaks. Fonck K, et al. **Mutat Res** 1984 Sep-Oct;132(3-4):113-8

The current evidence for an adaptive response to alkylating agents in mammalian cells, with special reference to experiments with in vitro cell cultures. Frosina G, et al. **Mutat Res** 1985 Sep;154(2):85-100 (103 ref.)

Assignment of 2 patients with xeroderma pigmentosum to complementation group E. Fujiwara Y, et al. **Mutat Res** 1985 Jan-Mar;145(1-2):55-61

Evidence for cell-replacement repair of X-ray-induced teratogenic damage in male genital imaginal discs of Drosophila melanogaster. Fukunaga A, et al. **Mutat Res** 1985 Sep;151(2):243-50

Apurinic sites cause mutations in simian virus 40. Gentil A, et al. **Mutat Res** 1984 Nov;129(2):141-7

Repair of platinum-DNA lesions in E. coli by a pathway which does not recognize DNA damage caused by MNNG or UV light. Germanier M, et al. **Mutat Res** 1985 Jan-Mar;145(1-2):35-41

Genetic control of heat resistance and thermotolerance by recA and uvrA in E. coli K12. Grecz N, et al. **Mutat Res** 1985 May;145(3):113-8

Repair of potentially lethal damage in yeast induced by fast neutrons. Hannan MA, et al. **Mutat Res** 1985 May;149(3):353-8

An explanation of interspecific differences in sensitivity to X-ray-induced chromosome aberrations and a consideration of dose-response curves. Heartlein MW, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):299-305

Rapid detection of DNA-damaging agents using repair-deficient CHO cells. Hoy CA, et al. **Mutat Res** 1984 Oct;130(5):321-32

Comparative studies on photoreactivation of ultraviolet light-induced T4 endonuclease susceptible sites and sister-chromatid exchanges in Potorous cells. Ishizaki K, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):91-7

Evaluation of the DNA-repair host-mediated assay. I. Induction of repairable DNA damage in E. coli cells recovered from liver, spleen, lungs, kidneys, and the blood stream of mice treated with methylating carcinogens. Kerklaan PR, et al. **Mutat Res** 1985 Jan-Feb;148(1-2):1-12

Excision repair in permeable arrested human skin fibroblasts damaged by UV (254 nm) radiation: evidence that alpha- and beta-polymerases act sequentially at the repolymerisation step. Keyse SM, et al. **Mutat Res** 1985 Jul;146(1):109-19

Effect of deficiency in excision repair and umuC function on the mutagenicity with ethylene oxide in the lacI gene of E. coli. Kolman A. **Mutat Res** 1985 Jul;146(1):43-6

Complementation of a pKM101 derivative that decreases resistance to UV killing but increases susceptibility to mutagenesis. Langer PJ, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):147-58

Sensitivity of carcinogen-treated DNA to inactivation by ultraviolet radiation. Larcom LL, et al. **Mutat Res** 1985 Jan-Mar;145(1-2):17-23

Use of recombinant DNA techniques in cloning DNA repair genes and in the study of mutagenesis in mammalian cells. Lehmann AR. **Mutat Res** 1985 Jun-Jul;150(1-2):61-7 (33 ref.)

Further characterisation of processes removing EMS premutational lesions in yeast (S. cerevisiae). McBlane F, et al. **Mutat Res** 1985 May-Jun;143(1-2):35-8

Frameshift mutagenesis by ultraviolet and gamma radiations in Salmonella: SOS inducibility and effects of DNA polymerase I. MacPhee DG, et al. **Mutat Res** 1985 Sep;151(2):209-15

Absence of pyrimidine insertase activity in E. coli extracts, using plasmid DNA containing apyrimidinic sites. Martin B, et al. **Mutat Res** 1984 Sep-Oct;132(3-4):87-93

An assessment of the importance of error-prone repair and point mutations to forward mutation to L-azetidine-2-carboxylic acid resistance in Escherichia coli. Mitchell ID, et al. **Mutat Res** 1985 May;149(3):303-10

Correlation between unscheduled DNA synthesis and chromosome condensation in mitoses from human lymphocytes. Mondello C, et al. **Mutat Res** 1985 Jan-Feb;142(1-2):45-8

Preferential repair of nuclear matrix associated DNA in xeroderma pigmentosum complementation group C. Mullenders LH, et al. **Mutat Res** 1984 Oct;141(2):75-82

Protective effect of R-factor plasmid pKM101 on lethal damage by UV and chemical mutagens in E. coli strains with different DNA-repairing capacities. Nunoshiba T, et al. **Mutat Res** 1984 Nov-Dec;141(3-4):135-9

Ability of various alkylating agents to induce adaptive and SOS responses: a study with lacZ fusion. Otsuka M, et al. **Mutat Res** 1985 Sep;146(2):149-54

Chromatid damage induced by fluorescent light during G2 phase in normal and Gardner syndrome fibroblasts. Interpretation in terms of deficient DNA repair. Parshad R, et al. **Mutat Res** 1985 Aug;151(1):57-63

Inter- and intra-chromosomal distribution of chromatid breaks induced by X-rays during G2 in human lymphocytes. Pelliccia F, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):293-8

Involvement of DNA lesions and SOS functions in 5-bromouracil-induced mutagenesis. Pietrzykowska I, et al. **Mutat Res** 1985 May;149(3):287-96

Differential response to mitomycin-C- and cis-diamminedichloroplatinum(II)-induced damage in normal human fibroblasts during confluent holding. Poll EH, et al. **Mutat Res** 1985 Jan-Mar;145(1-2):77-80

Effects of DNA-repair-deficient mutants on somatic and germ line mutagenesis in the UZ system in Drosophila melanogaster. Rasmuson A. **Mutat Res** 1984 Sep;141(1):29-33

Characterization of DNA repair in a mutant cell line derived from ICR 2A frog cells that is hypersensitive to non-dimer DNA damages induced by solar ultraviolet radiation. Rosenstein BS, et al. **Mutat Res** 1985 Sep;146(2):191-6

Studies on mutagen-sensitive strains of Drosophila melanogaster. VII. Effects of repair deficiency in males on X-ray-induced sex-linked recessive lethals in spermatozoa. Sankaranarayanan K, et al. **Mutat Res** 1985 May;149(3):415-9

Spontaneous mutagenesis: the roles of DNA repair, replication, and recombination. Sargentini NJ, et al. **Mutat Res** 1985 Jul;154(1):1-27 (200 ref.)

Evidence of DNA repair in organ cultures of hamster tracheal epithelium following exposure to gas phase singlet oxygen. Schiff LJ, et al. **Mutat Res** 1985 Jan-Feb;142(1-2):41-4

Endogenous activation by indirect muta-carcinogens and DNA-repair synthesis in mouse-lung fibroblast cultures. Schmitt M, et al. **Mutat Res** 1984 Nov-Dec;132(5-6):197-201

A minor pathway of postreplication repair in Escherichia coli is independent of the recB, recC and recF genes. Sharma RC, et al. **Mutat Res** 1985 Sep;146(2):169-76

A mechanism for rich-medium inhibition of the repair of daughter-strand gaps in the deoxyribonucleic acid of UV-irradiated Escherichia coli K12 uvrA. Sharma RC, et al. **Mutat Res** 1985 Sep;146(2):177-83

Inducibility of error-prone DNA repair in yeast? Siede W, et al. **Mutat Res** 1984 Oct;129(1):3-11 (71 ref.)

Mutagen sensitivity of Drosophila melanogaster. VIII. The influence of the mei-41D5, mus(1)101D1, mus(1)102D1, mus(1)103D1, mus(2)205A1, and mus(3)310D1 loci on alkylation-induced mutagenesis. Smith PD, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):235-40

Cross-linking studies with the uvrA and uvrB proteins of E. coli. Strike P, et al. **Mutat Res** 1985 Jan-Mar;145(1-2):43-8

Ultraviolet light and mitomycin C induced sister-chromatid exchanges in fibroblasts from patients with retinoblastoma. Takabayashi T, et al. **Mutat Res** 1984 Oct;141(2):101-4

Frameshift mutagenesis by 9-aminoacridine and ICR191 in Escherichia coli: effects of uvrB, recA and lexA mutations and of plasmid pKM101. Thomas SM, et al. **Mutat Res** 1985 Aug;151(1):49-56

Genetic complementation between UV-sensitive CHO mutants and xeroderma pigmentosum fibroblasts. Thompson LH, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):423-9

Characterization of an unscheduled DNA synthesis assay with Syrian hamster embryo cells. Tsutsui T, et al. **Mutat Res** 1984 Oct;129(1):111-7

Spontaneous and mutagen-induced sister chromatid exchange in motor neurone disease. Vijayalaxmi, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):355-8

Kinetics of ultraviolet induced DNA excision repair in rat and human fibroblasts. Vijg J, et al. **Mutat Res** 1984 Sep-Oct;132(3-4):129-38

Semi-conservative synthesis of DNA in UV-sensitive mutant cells of Chinese hamster after UV-irradiation. Vikhanskaya FL, et al. **Mutat Res** 1985 Apr;149(2):271-3

The relationship between reaction kinetics and mutagenic action of monofunctional alkylating agents in higher eukaryotic systems. IV. The effects of the excision-defective mei-9L1 and mus(2)201D1 mutants on alkylation-induced genetic damage in Drosophila. Vogel EW, et al. **Mutat Res** 1985 Apr;149(2):193-207

Analysis of hexamethylphosphoramide (HMPA)-induced genetic alterations in relation to DNA damage and DNA repair in Drosophila melanogaster. Vogel EW, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):241-60

Role of the umuC gene in postreplication repair in UV-irradiated Escherichia coli K-12 uvrB. Wang TC, et al. **Mutat Res** 1985 May;145(3):107-12

Excision repair of mouse and human fibroblast cells, and a factor affecting the amount of UV-induced unscheduled DNA synthesis. Yagi T, et al. **Mutat Res** 1984 Sep-Oct;132(3-4):101-12

Weigle reactivation of phage lambda in a recA mutant of Escherichia coli: dependence on the excess amounts of photoreactivating enzyme in the dark. Yamamoto K, et al. **Mutat Res** 1985 May;145(3):137-44

A loss of uvrA function decreases the induction of the SOS functions recA and umuC by mitomycin C in Escherichia coli. Yamamoto K, et al. **Mutat Res** 1985 May;149(3):297-302

The role of O6-methylguanine-DNA methyltransferase in cell survival, mutagenesis and carcinogenesis. Yarosh DB. **Mutat Res** 1985 Jan-Mar;145(1-2):1-16

Rapid rejoining of X-ray-induced DNA single-strand breaks in tuberous sclerosis fibroblasts. Yoshida Y, et al. **Mutat Res** 1985 Sep;146(2):211-8

Influence of incorporated bromodeoxyuridine on the induction of chromosomal alterations by ionizing radiation and long-wave UV in CHO cells. Zwanenburg TS, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):283-92

Repair of furocoumarin adducts in mammalian cells. Zolan ME, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:137-42

Cell sensitivity to irradiation and DNA repair processes. II. The cell sensitivity to ionizing radiation of different LETs. Kozubek S, et al. **Neoplasma** 1984;31(6):685-95

Cell sensitivity to irradiation and DNA repair processes. I. DNA damage and its repair in Escherichia coli. Kozubek S, et al. **Neoplasma** 1984;31(6):675-83

Excision of uracil residues in DNA: mechanism of action of Escherichia coli and Micrococcus luteus uracil-DNA glycosylases. Deiort AM, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):319-35

T4 DNA polymerase (3'-5') exonuclease, an enzyme for the detection and quantitation of stable DNA lesions: the ultraviolet light example. Doetsch PW, et al. **Nucleic Acids Res** 1985 May 10;13(9):3285-304

Activation of neocarzinostatin chromophore and formation of nascent DNA damage do not require molecular oxygen. Kappen LS, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1637-48

Stimulation of the UvrABC enzyme-catalyzed repair reactions by the UvrD protein (DNA helicase II). Kumura K, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1483-92

Effect of DNA damage on the expression of the chloramphenicol acetyltransferase gene after transfection into diploid human fibroblasts. Lehmann AR, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):2087-95

Methyl phosphotriesters in alkylated DNA are repaired by the Ada regulatory protein of E. coli. McCarthy TV, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2683-98

Cloning of the E. coli O6-methylguanine and methylphosphotriester methyltransferase gene using a functional DNA repair assay. Margison GP, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):1939-52

The complete pattern of mutagenesis arising from the repair of site-specific psoralen crosslinks: analysis by oligonucleotide hybridization. Saffran WA, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9237-48

Analysis of regulatory sequences upstream of the E. coli uvrB gene; involvement of the DnaA protein. van den Berg EA, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):1829-40

DNA repair and its inhibition. **Nucleic Acids Symp Ser** 1984;(13):1-371

Factors that affect the initiation of excision-repair in chromatin. Bohr V, et al. **Nucleic Acids Symp Ser** 1984;(13):109-25

Introduction: an integrated view of inhibited repair. Collins AR, et al. **Nucleic Acids Symp Ser** 1984;(13):1-11

Human adenoviruses as indicators of inhibition of DNA repair. Day RS 3d, et al. **Nucleic Acids Symp Ser** 1984;(13):279-90

Approaches to the quantitative analysis of repair through the use of inhibitors. Downes CS. **Nucleic Acids Symp Ser** 1984;(13):231-54

Effects of inhibitors on repair DNA synthesis in in vitro systems. Hanaoka F, et al. **Nucleic Acids Symp Ser** 1984;(13):73-94

Prematurely condensed chromosomes: a model system for visualizing effects of DNA damage, repair and inhibition at the level of chromosome structure. Hittelman WN. **Nucleic Acids Symp Ser** 1984;(13):341-71

The relation of three-dimensional DNA structure to DNA repair as studied by nucleoid sedimentation. Mattern MR. **Nucleic Acids Symp Ser** 1984;(13):35-50

The relevance of DNA precursor pools to repair. Meuth M. **Nucleic Acids Symp Ser** 1984;(13):217-29

Analysis of repair synthesis in the presence of inhibitors. Smith CA. **Nucleic Acids Symp Ser** 1984;(13):51-71

Efficiency of repair of pyrimidine dimers and psoralen monoadducts in normal and xeroderma pigmentosum human cells. Cleaver JE, et al. **Photochem Photobiol** 1984 Nov;40(5):621-9

Xeroderma pigmentosum complementation group F: more assignments and repair characteristics. Fujiwara Y, et al. **Photochem Photobiol** 1985 May;41(5):629-34

Photorepair of pyrimidine dimers in the epidermis of the marsupial Monodelphis domestica. Ley RD. **Photochem Photobiol** 1984 Jul;40(1):141-3

Induction of chromosome aberrations in ICR 2A frog cells exposed to 265-313 nm monochromatic ultraviolet wavelengths and photoreactivating light. Rosenstein BS, et al. **Photochem Photobiol** 1985 Jan;41(1):57-61

Alpha polymerase involvement in excision repair of damage induced by solar radiation at defined wavelengths in human fibroblasts. Tyrrell RM, et al. **Photochem Photobiol** 1984 Oct;40(4):449-51

Prenatal exclusion of xeroderma pigmentosum (XP-D) by amniotic cell analysis. Arase S, et al. **Photodermatol** 1985 Jun;2(3):181-3

Mini-F plasmid-induced SOS signal in Escherichia coli is RecBC dependent. Bailone A, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5973-7

Mutagenic repair in Escherichia coli: products of the recA gene and of the umuD and umuC genes act at different steps in UV-induced mutagenesis. Bridges BA, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4193-7

Involvement of helicase II (uvrD gene product) and DNA polymerase I in excision mediated by the uvrABC protein complex. Caron PR, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4925-9

In situ enzymatic reclosure of opened imidazole rings of purines in DNA damaged by gamma-irradiation. Chetsanga CJ, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):633-7

Role of the SulB (FtsZ) protein in division inhibition during the SOS response in Escherichia coli: FtsZ stabilizes the inhibitor SulA in maxicells. Jones C, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6045-9

Possible depletion of a DNA repair enzyme in human lymphoma cells by subversive repair. Karran P. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5285-9

DNA-damage-inducible (din) loci are transcriptionally activated in competent Bacillus subtilis. Love PE, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6201-5

RAD6 gene of Saccharomyces cerevisiae encodes a protein containing a tract of 13 consecutive aspartates. Reynolds P, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):168-72

Differences in mutagenic and recombinational DNA repair in enterobacteria. Sedgwick SG, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4172-6

Mutagenic DNA repair in Streptomyces. Stonesifer J, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1180-3

Involvement of the activated form of RecA protein in SOS mutagenesis and stable DNA replication in Escherichia coli. Witkin EM, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7539-43

Structures of DNA containing psoralen crosslink and thymine dimer. Kim SH, et al. **Prog Clin Biol Res** 1985;172A:143-52

DNA repair in the in vivo site specific excision of palindromic sequences. Shafferman A, et al. **Prog Clin Biol Res** 1985;172A:19-36

Chemical neuro-oncogenesis: role of structural DNA modifications, DNA repair and neural target cell population. Kleihues P, et al. **Prog Exp Tumor Res** 1984;27:1-16 (52 ref.)

Poly(ADP-ribose) in the cellular response to DNA damage. Berger NA. **Radiat Res** 1985 Jan;101(1):4-15 (47 ref.)

Inhibition by hyperthermia of repair synthesis and chromatin reassembly of ultraviolet-induced damage to DNA. Bodell WJ, et al. **Radiat Res** 1984 Oct;100(1):87-95

Do inhibitor studies demonstrate a role for poly(ADP-ribose) in DNA repair? Cleaver JE, et al. **Radiat Res** 1985 Jan;101(1):16-28

A sensitive SV40 viral probe assay for DNA strand breaks and their biological repair in higher cells: techniques and preliminary results. Krisch RE, et al. **Radiat Res** 1985 Feb;101(2):356-72

Effect of confluent holding on potentially lethal damage repair, cell cycle progression, and chromosomal aberrations in human normal and ataxia-telangiectasia fibroblasts. Little JB, et al. **Radiat Res** 1985 Jan;101(1):81-93

Reduced repair of X-ray-induced DNA lesions in cells without functioning DNA polymerase alpha. Lönn U, et al. **Radiat Res** 1985 Apr;102(1):71-5

The efficiency of DNA strand-break repair in two fibrosarcoma tumors and in normal tissues of mice irradiated in vivo with X rays. Murray D, et al. **Radiat Res** 1984 Oct;100(1):171-81

Poly(ADP-ribose) and the response of cells to ionizing radiation. Oleinick NL, et al. **Radiat Res** 1985 Jan;101(1):29-46 (82 ref.)

Effect of intercellular contact on DNA conformation, radiation-induced DNA damage, and mutation in Chinese hamster V79 cells. Olive PL, et al. **Radiat Res** 1985 Jan;101(1):94-101

Effect of hypoxia on recovery from damage induced by heat and radiation in plateau-phase CHO cells. Rao BS, et al. **Radiat Res** 1985 Feb;101(2):312-25

Analysis of the excision repair of nondimer DNA damage induced by solar ultraviolet radiation in ICR 2A frog cells. Rosenstein BS, et al. **Radiat Res** 1985 Aug;103(2):286-92

Inhibition of semiconservative DNA synthesis in ICR 2A frog cells by pyrimidine dimers and nondimer photoproducts induced by ultraviolet radiation. Rosenstein BS. **Radiat Res** 1984 Nov;100(2):378-86

Cell cycle age dependence for radiation-induced G2 arrest: evidence for time-dependent repair. Rowley R, et al. **Radiat Res** 1985 Sep;103(3):326-36

DNA repair-deficient Chinese hamster ovary cells exhibiting differential sensitivity to gamma rays under aerobic and hypoxic conditions. Rubin JS, et al. **Radiat Res** 1985 Mar;101(3):528-34

Cellular and molecular repair of X-ray-induced damage: dependence on oxygen tension and nutritional status. Spiro IJ, et al. **Radiat Res** 1985 Jan;101(1):144-55

Genetic damage, mutation, and the evolution of sex. Bernstein H, et al. **Science** 1985 Sep 20;229(4719):1277-81 (41 ref.)

Radiation damage and its repair in non-sporulating bacteria. Moseley BE. **Soc Appl Bacteriol Symp Ser** 1984;(12):147-74

Evidence for indirect involvement of thymidine kinase in excision repair processes in mouse cell lines. McKenna PG, et al. **Somatic Cell Mol Genet** 1985 May;11(3):239-46

Isolation of a mutant cell line derived from ICR 2A frog cells hypersensitive to the induction of non-dimer DNA damage by solar ultraviolet radiation. Rosenstein BS, et al. **Somatic Cell Mol Genet** 1985 Jul;11(4):339-44

Correction of a nucleotide-excision-repair mutation by human chromosome 19 in hamster-human hybrid cells. Thompson LH, et al. **Somatic Cell Mol Genet** 1985 Jan;11(1):87-92

DNA damage and repair in mouse embryos following treatment transplacentally with methylnitrosourea and methylmethanesulfonate. Jirakulsomchok S, et al. **Teratogenesis Carcinog Mutagen** 1984;4(6):523-36

An analysis of DNA repair and recombination functions of bacteriophage T4 by means of suppressors: the role of das. Wakem LP, et al. **Virology** 1984 Sep;137(2):324-30

A new suppressor of mutations in the DNA repair-recombination genes of bacteriophage T4: sur. Wakem LP, et al. **Virology** 1984 Sep;137(2):331-7

The coupling of DNA repair-recombination functions with DNA replication in bacteriophage T4: a new DNA repair mutant. Wakem LP, et al. **Virology** 1984 Sep;137(2):338-46

[Rec-assay method by Bacillus subtilis] Wang YZ. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Sep;18(5):285-7 (Eng. Abstr.) (Chi)

[Nucleoid sedimentation—a method for determination of DNA damage and DNA repair as exemplified by rat lymphocytes affected by physical and chemical agents in vitro] Tempel K, et al. **Berl Munch Tierarztl Wochenschr** 1985 Jan 1;98(1):3-7 (Eng. Abstr.) (Ger)

[Biological radiation damage and its repair] Laskowski W. **Strahlenschutz Forsch Prax** 1985;25:169-82 (46 ref.) (Ger)

[DNA repair and carcinogenesis] Takebe H. **Gan No Rinsho** 1984 Sep;30(12 Suppl):1433-8 (Eng. Abstr.) (Jpn)

[Genetically high risk group for cancer associated with DNA repair deficiency] Takebe H. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):589-94 (Eng. Abstr.) (Jpn)

[Enzymes correcting modified bases in DNA: DNA glycosylases, O(6)-methylguanine-DNA methyltransferase] Janion C. **Postepy Biochem** 1983;29(3-4):299-319 (140 ref.) (Pol)

[ADP-ribosylation of histones and NAD-pyrophosphorylase activity of chicken liver nuclei during induction of DNA damage] Khalmuradov AG, et al. **Biokhimiia** 1985 May;50(5):844-8 (Eng. Abstr.) (Rus)

[Regulation of the excisional repair system in in vitro-cultured human cells by measles viruses depending on their attenuation] Antonenko SV, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):298-301 (Eng. Abstr.) (Rus)

[Age-related characteristics of poststress DNA repair in the myocardium] Vasil'ev VK, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):649-51 (Eng. Abstr.) (Rus)

[Role of direct excitation of DNA base molecules in the formation of UV-like damage in Escherichia coli cells irradiated with ionizing radiation] Pitkevich VA, et al. **Radiobiologiia** 1984 Nov-Dec;24(6):739-42 (Eng. Abstr.) (Rus)

[Effect of the thymus on the capability of stromal progenitor cells for intracellular repair of radiation damage] Todriia TV, et al. **Radiobiologiia** 1985 Jan-Feb;25(1):83-6 (Eng. Abstr.) (Rus)

[Uracil-DNA glycosidase studied with an immune serum] Aprelikova ON, et al. **Tsitologiia** 1984 Jun;26(6):678-82 (Eng. Abstr.) (Rus)

[DNA reparative synthesis in liver cell cultures from mice with various susceptibilities to spontaneous hepatic carcinogenesis] Budunova IV, et al. **Vopr Onkol** 1985;31(6):73-6 (Eng. Abstr.) (Rus)

DRUG EFFECTS

The DNA repair host-mediated assay as a raped and sensitive in vivo procedure for the determination of genotoxic factors present in various organs of mice. Some preliminary results with mitomycin C. Mohn GR. **Arch Toxicol** 1984 Oct;55(4):268-71

Potentiation of induced sister chromatid exchanges and chromatid-type aberrations by inhibitors of DNA synthesis and repair in G2. Palitti F, et al. **Basic Life Sci** 1984;29 Pt A:313-8

3-Aminobenzamide does not alter DNA repair in human fibroblasts through modulation of deoxynucleoside triphosphate pools. Snyder RD. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):457-61

Effect of 1-beta-D-arabinofuranosyl cytosine and hydroxyurea on the repair of X-ray-induced DNA single-strand breaks in human leukemic blasts. Fram RJ, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2557-60

DNA damage and growth inhibition in cultured human cells by bleomycin congeners. Berry DE, et al. **Biochemistry** 1985 Jun 18;24(13):3207-14

Inhibition of DNA repair by trifluoperazine. Charp PA, et al. **Biochim Biophys Acta** 1985 Jan 29;824(1):34-9

2',3'-Dideoxy-3'-aminonucleoside 5'-triphosphates inhibit the repair of DNA in rat liver chromatin. Krayevsky A, et al. **Biochim Biophys Acta** 1984 Dec 14;783(3):216-20

The effect of mitotic inhibitors on DNA strand size and radiation-associated break repair in Down syndrome fibroblasts. Woods WG, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):177-84

Increased response of the rainbow trout gonad cell unscheduled DNA repair assay. Walton DG, et al. **Bull Environ Contam Toxicol** 1985 Mar;34(3):340-8

Adriamycin does not affect the repair of X-ray induced DNA single strand breaks. Cantoni O, et al. **Cancer Lett** 1985 Jun;27(2):215-9

Induction of DNA damage and repair synthesis in freshly isolated rat hepatocytes by the proallatocidin precocene II. Hsia MT, et al. **Cancer Lett** 1985 Apr;26(3)[illegible]11-8

Lack of specific inhibition of DNA repair in WI-[illegible]8 human diploid fibroblasts by sodium saccharin. Skare [illegible]A, et al. **Cancer Lett** 1985 Mar;26(2):191-200

Increased repair replication in human lymphoid cells by inhibition of polyadenosine diphosphoribose synthesis with no increase in patch sizes. Cleaver JE. **Cancer Res** 1985 Mar;45(3):1163-9

Lidocaine potentiation of bleomycin A2 cytotoxicity and DNA strand breakage in L1210 and human A-253 cells. Lazo JS, et al. **Cancer Res** 1985 May;45(5):2103-9

Rapid and slow DNA rejoining in nondividing human diploid fibroblasts treated with bleomycin and ionizing radiation. Moore CW, et al. **Cancer Res** 1985 May;45(5):1982-6

Genotoxicity of a variety of pyrrolizidine alkaloids in the hepatocyte primary culture-DNA repair test using rat, mouse, and hamster hepatocytes. Mori H, et al. **Cancer Res** 1985 Jul;45(7):3125-9

Modulation of repair of O6-methylguanine in parenchymal and nonparenchymal liver cells of rats treated with dimethylnitrosamine. Planche-Martel G, et al. **Cancer Res** 1985 Oct;45(10):4768-73

Formation and repair of DNA interstrand cross-links in relation to cytotoxicity and unscheduled DNA synthesis induced in control and mutant human cells treated with cis-diamminedichloroplatinum(II). Plooy AC, et al. **Cancer Res** 1985 Sep;45(9):4178-84

Repair synthesis of DNA induced by the urinary N-hydroxy metabolites of carcinogenic arylamines in urothelial cells of susceptible species. Wang CY, et al. **Cancer Res** 1985 Jan;45(1):221-5

Use of an in vivo/in vitro rat liver DNA repair assay to predict the relative rodent hepatocarcinogenic potency of 3 new azo mutagens. Beije B, et al. **Carcinogenesis** 1985 Apr;6(4):611-5

The assessment of DNA damage and repair in rat nasal epithelial cells. Bermudez E, et al. **Carcinogenesis** 1984 Nov;5(11):1453-8

Unscheduled DNA synthesis caused by norethindrone and related contraceptive steroids in short-term male rat hepatocyte cultures. Blakey DC, et al. **Carcinogenesis** 1985 Aug;6(8):1201-5

Chlorinated ethylenes: their metabolism and effect on DNA repair in rat hepatocytes. Costa AK, et al. **Carcinogenesis** 1984 Dec;5(12):1629-36

Novobiocin inhibition of DNA excision repair may occur through effects on mitochondrial structure and ATP metabolism, not on repair topoisomerases. Downes CS, et al. **Carcinogenesis** 1985 Sep;6(9):1343-52

Cellular recovery of dividing and confluent C3H10T1/2 cells from N-methyl-N'-nitro-N-nitrosoguanidine in the presence of ADP-ribosylation inhibitors. Jacobson EL, et al. **Carcinogenesis** 1985 May;6(5):715-8

Cell cycle perturbations following DNA damage in the presence of ADP-ribosylation inhibitors. Jacobson EL, et al. **Carcinogenesis** 1985 May;6(5):711-4

Evidence that novobiocin and nalidixic acid do not inhibit excision repair in u.v.-irradiated human skin fibroblasts at a pre-incision step. Keyse SM, et al. **Carcinogenesis** 1985 Aug;6(8):1231-3

Potent anti-viral 5-(2-bromovinyl) uracil nucleosides are inactive at inducing gene mutations in Salmonella typhimurium and V79 Chinese hamster cells and unscheduled DNA synthesis in primary rat hepatocytes. Marquardt H, et al. **Carcinogenesis** 1985 Aug;6(8):1207-9

Defective repair of a class of 4NQO-induced alkali-labile DNA lesions in xeroderma pigmentosum complementation group A fibroblasts. Mirzayans R, et al. **Carcinogenesis** 1985 Apr;6(4):555-9

Reduced DNA repair response of cells from carcinogen-induced rat liver altered foci exposed to chemical carcinogens in culture. Mori H, et al. **Carcinogenesis** 1985 Aug;6(8):1087-90

Effects of nucleoside triphosphates and ferrous ions on bleomycin-induced unscheduled DNA synthesis. Seki S, et al. **Carcinogenesis** 1985 Jun;6(6):853-8

Unscheduled DNA synthesis induced by streptonigrin in ataxia telangiectasia fibroblasts. Taylor AM, et al.

Carcinogenesis 1985 Jun;6(6):945–7

Methylated purines formed in DNA by dimethylnitrosamine in rats previously exposed to hepatotoxic and hepatocarcinogenic regimes: effects on the repair of O6-methylguanine. Cooper DP, et al. **Chem Biol Interact** 1985 May;53(3):283–301 (52 ref.)

Repair and replication of DNA in rat and mouse tissues in relation to cancer induction by N-nitroso-N-alkyl-ureas. Craddock VM, et al. **Chem Biol Interact** 1984 Dec; 52(2):223–31

DNA damage and repair in epithelial (mucous) cells and crypt cells from isolated colon. Kulkarni MS, et al. **Chem Biol Interact** 1985 Jan;52(3):311–8

Saturation of repair system for O6-methylguanine in rat liver DNA by pretreatment with cyclic nitrosamines. Pegg AE, et al. **Chem Biol Interact** 1984 Oct;51(3):365–70

A twin study of sister chromatid exchanges in human lymphocytes following carcinogen exposure and DNA repair incubation. Hedner K, et al. **Cytogenet Cell Genet** 1984;38(3):189–91

Absence of initiating activity by quercetin in the rat liver. Kato K, et al. **Ecotoxicol Environ Safety** 1985 Aug; 10(1):63–9

Testing of 24 food, drug, cosmetic, and fabric dyes in the in vitro and the in vivo/in vitro rat hepatocyte primary culture/DNA repair assays. Kornbrust D, et al. **Environ Mutagen** 1985;7(1):101–20

Genotoxicity of the cooked-food mutagens IQ and MeIQ in primary cultures of rat, hamster, and guinea pig hepatocytes. Loury DJ, et al. **Environ Mutagen** 1985; 7(2):245–54

DNA damage and repair tests for the detection of genotoxic agents. Williams GM. **Food Addit Contam** 1984 Apr–Jun; 1(2):173–8

Enhancement of hepatocellular genotoxicity of several mutagens from amino acid pyrolysates and broiled foods following ethanol pretreatment. Loury DJ, et al. **Food Chem Toxicol** 1985 Jul;23(7):661–7

Repair and replication of DNA containing O6-methylguanine in fetal and adult animal tissues in relation to their susceptibilities to cancer induction by N-nitroso-N-alkylureas. Craddock VM. **IARC Sci Publ** 1984;(57):571–4

Influence of poly(ADP-ribose) synthesis inhibitors on the repair of sublethal and potentially lethal damage in gamma-irradiated mammalian cells. Huet J, et al. **Int J Radiat Biol** 1985 Jun;47(6):655–62

Inhibition of excision repair of DNA in u.v.-irradiated Escherichia coli by phenethyl alcohol. Tachibana A, et al. **Int J Radiat Biol** 1985 Jun;47(6):663–71

Effects of aphidicolin on the repair and fixation of potentially lethal damage sensitive to beta-araA. Iliakis G, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1149–55

The effect of lucanthone on sublethal radiation damage, in vivo. Milligan AJ, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2309–13

Effects of aphidicolin and/or 2',3'-dideoxythymidine on DNA repair induced in HeLa cells by four types of DNA-damaging agents. Yamada K, et al. **J Biol Chem** 1985 Sep 5;260(19):10412–7

Sunscreen agents induce DNA repair activity in mouse embryo fibroblasts. Long SD, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4–5):193–200

Effect of adenine, cytidine and guanosine on the expression of the SOS system in Escherichia coli. Llagostera M, et al. **J Gen Microbiol** 1985 Jan;131 (Pt 1):113–8

Concomitant observations of UDS in the liver and micronuclei in the bone marrow of rats exposed to cyclophosphamide or 2-acetylaminofluorene. Ashby J, et al. **Mutat Res** 1985 Jun–Jul;150(1–2):383–92

Effect of L-ethionine on the expression of the SOS system in Escherichia coli. Barbé J, et al. **Mutat Res** 1984 Dec; 129(3):319–25

Split-dose exposure to N-methyl-N'-nitro-N-nitrosoguanidine in BALB/3T3 C1 a31-1-1 cells: evidence of DNA repair by alkaline elution without changes in cell survival, mutation and transformation rates. Bignami M, et al. **Mutat Res** 1985 Jan–Mar;145(1–2):81–8

Inability of chrysotile asbestos fibers to modulate the 2-acetylaminofluorene-induced UDS in primary cultures of rat hepatocytes. Denizeau F, et al. **Mutat Res** 1985 Jan–Feb;155(1–2):83–90

Measurement of genotoxic activity in multiple tissues following inhalation exposure to dimethylnitrosamine. Doolittle DJ, et al. **Mutat Res** 1984 Oct;141(2):123–7

Chloramphenicol-promoted increase in resistance to UV damage in Escherichia coli B/r WP2 trpE65: development of the capacity for successful repair of otherwise mutagenic or lethal lesions in DNA. Doudney CO, et al. **Mutat Res** 1985 May–Jun;143(1–2):29–34

Genotoxicity studies with paracetamol. Dybing E, et al. **Mutat Res** 1984 Oct;138(1):21–32

Negative evidence for an adaptive response to lethal and mutagenic effects of alkylating agents in V79 Chinese hamster cells. Frosina G, et al. **Mutat Res** 1984 Nov; 129(2):243–50

Effect of caffeine and adenosine on G2 repair: mitotic delay and chromosome damage. González-Fernández A, et al. **Mutat Res** 1985 Apr;149(2):275–81

Sister-chromatid exchanges in human lymphocytes after a non-S-phase incubation period to allow excision DNA repair–in vitro exposure to N-acetoxy-2-acetylaminofluorene and ethylene oxide. Hedner K, et al. **Mutat Res** 1984 Oct;129(1):71–6

The interrelationship between SCE induction, cell survival, mutagenesis, aberration formation and DNA synthesis inhibition in V79 cells treated with N-methyl-N-nitrosourea or N-methyl-N'-nitro-N-nitrosoguanidine. Kaina B. **Mutat Res** 1985 Jan–Feb;142(1–2):49–54

Repair of indirectly induced DNA damage in human skin fibroblasts treated with N-hydroxy-2-naphthylamine. Kaneko M, et al. **Mutat Res** 1985 Jul;143(3):103–8

Synergistic enhancement of the frequency of chromatid aberrations in cultured human lymphocytes by combinations of inhibitors of DNA repair. Kihlman BA, et al. **Mutat Res** 1985 Jun–Jul;150(1–2):313–25

Induction of umuC gene expression by nitrogen dioxide in Salmonella typhimurium. Kosaka H, et al. **Mutat Res** 1985 Mar;142(3):99–102

Benzyl chloride and 4-chloromethylbiphenyl induced DNA damage and its repair in excision-deficient (XP group A) or -proficient human cells. Mirzayans R, et al. **Mutat Res** 1985 May;145(3):209–15

Genotoxicity of ptaquiloside, a bracken carcinogen, in the hepatocyte primary culture/DNA-repair test. Mori H, et al. **Mutat Res** 1985 May–Jun;143(1–2):75–8

Genotoxicity of fungal metabolites related to aflatoxin B1 biosynthesis. Mori H, et al. **Mutat Res** 1985 Jul;143(3):121–5

Repair of 8-methoxypsoralen induced DNA interstrand cross-links in Tetrahymena thermophila. The effect of inhibitors of macromolecular synthesis. Nielsen PE, et al. **Mutat Res** 1985 May;145(3):157–64

Cytosine arabinoside is a potent clastogen and does not affect the repair of X-ray-induced chromosome fragments in unstimulated human lymphocytes. Pantelias GE, et al. **Mutat Res** 1985 Aug;151(1):65–72

Enhanced reactivation of UV-irradiated adenovirus 2 in HeLa cells treated with non-mutagenic chemical agents. Piperakis SM, et al. **Mutat Res** 1985 Mar;142(3):83–5

Influence of treatment temperature on the genotoxic effects of cisplatin in CHO cells: cytotoxicity, mutagenicity and induction of lesions in DNA. Plooy AC, et al. **Mutat Res** 1985 Aug;151(1):129–36

Induction of the SOS response by ICR191 does not influence frameshift mutagenesis at the hisC3076 marker of Salmonella typhimurium. Podger DM, et al. **Mutat Res** 1985 Mar;142(3):87–91

The SOS Chromotest, a colorimetric bacterial assay for genotoxins: procedures. Quillardet P, et al. **Mutat Res** 1985 Jun;147(3):65–78

DNA repair synthesis induced by N-hydroxyurea, acetohydroxamic acid, and N-hydroxyurethane in primary rat hepatocyte cultures: comparative evaluation using the autoradiographic and the bromodeoxyuridine density-shift method. Rossberger S, et al. **Mutat Res** 1985 May; 145(3):201–7

Induction of chromosome damage by Neurospora endonuclease in repair-inhibited quiescent normal human fibroblasts. Sen P, et al. **Mutat Res** 1984 Dec;129(3):359–64

Methyl cinnamate derivatives enhance UV-induced mutagenesis due to the inhibition of DNA excision repair in Escherichia coli B/r. Shimoi K, et al. **Mutat Res** 1985 Jul;146(1):15–22

Comparison of DNA-repair synthesis, chromosome aberrations and induction of micronuclei in cultured human fibroblasts, Chinese hamster ovary and central mudminnow (Umbra limi) cells exposed to chemical mutagens. Walton DG, et al. **Mutat Res** 1984 Oct;129(1):129–36

Microinjected photoreactivating enzymes from Anacystis and Saccharomyces monomerize dimers in chromatin of human cells. Zwetsloot JC, et al. **Mutat Res** 1985 Jul;146(1):71–7

Mechanisms of DNA repair and the structure of repaired sites in the presence of polymerase inhibitors. Cleaver JE. **Nucleic Acids Symp Ser** 1984;(13):127–41

Inhibition of DNA repair by inhibitors of nuclear ADP-ribosyl transferase. Shall S. **Nucleic Acids Symp Ser** 1984;(13):143–91

Novobiocin inhibition of dark repair and longevity in Paramecium. Smith-Sonneborn J, et al. **Nucleic Acids Symp Ser** 1984;(13):309–18

The accumulation of DNA breaks due to incision; comparative studies with various inhibitors. Snyder RD, et al. **Nucleic Acids Symp Ser** 1984;(13):13–33

Role of DNA lesions and repair in the transformation of human cells. Maher VM, et al. **Pharmacol Ther** 1984; 25(3):395–408 (52 ref.)

Alkaline elution studies of hematoporphyrin-derivative photosensitized DNA damage and repair in Chinese hamster ovary cells. Blazek ER, et al. **Photochem Photobiol** 1984 Jul;40(1):5–13

Effects of adenosine deaminase inhibitor 2'-deoxycoformycin on the repair and expression of potentially lethal damage sensitive to beta-araA. Iliakis G, et al. **Radiat Environ Biophys** 1985;24(2):81–8

Inhibition of recovery from potentially lethal damage by chemicals in Chinese hamster V79 A cells. Kumar A, et al. **Radiat Environ Biophys** 1985;24(2):89–98

Influence of different inhibitors on the activity of the RAD54 dependent step of DNA repair in Saccharomyces cerevisiae. Siede W, et al. **Radiat Environ Biophys** 1985; 24(1):1–7

Ataxia-telangiectasia homo- and heterozygous cells show a normal repair and fixation response to anisotonic NaCl treatment after irradiation. Raaphorst GP, et al. **Radiat Res** 1985 Mar;101(3):497–507

Identification of genotoxic and epigenetic carcinogens in liver culture systems. Williams GM. **Regul Toxicol Pharmacol** 1985 Jun;5(2):132–44

Genotoxicity of formaldehyde in cultured human bronchial fibroblasts. Grafstrom RC, et al. **Science** 1985 Apr 5; 228(4695):89–91

Enhancement of induced sister chromatid exchange and chromosomal aberrations by inhibitors of DNA repair processes. Palitti F, et al. **Toxicol Pathol** 1984;12(3):269–73

[Effect of diethyllipoamide on DNA damage and repair of gamma-irradiated mouse bone marrow cells] Xia SX, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):261–4 (Eng. Abstr.) (Chi)

[Effect of diethyllipoamide on DNA damage and repair of gamma-irradiated mouse bone marrow cells] Xia SX, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):261–4 (Eng. Abstr.) (Chi)

[Inhibition of DNA repair, major objective of anticancer chemotherapy. Apropos of 680 cases with continuous platin bleomycin combination] Israël L, et al. **Ann Med Interne (Paris)** 1985;136(1):17–20 (Eng. Abstr.) (Fre)

[Molecular biology studies of synovial fluid cells of patients with chronic polyarthritis after intra-articular prednisolone medication] Bröll H. **Wien Klin Wochenschr [Suppl]** 1984; 149:1–13 (Eng. Abstr.) (Ger)

[The effect of gold compounds on DNA synthesis and repair] Hoffer L, et al. **Wien Klin Wochenschr [Suppl]** 1984; 156:48–9 (Ger)

[Differences between spleen and thymus cells of rats with respect to the effects of ethidium bromide on unscheduled DNA synthesis (DNA repair synthesis) and nucleoid sedimentation] Tempel K, et al. **Z Naturforsch [C]** 1984 Jun;39(6):601–5 (Eng. Abstr.) (Ger)

[DNA repair processes in thymus and spleen cells of rats in vitro as affected by the poly(ADP-ribose) polymerase inhibitor 3-aminobenzamide] Tempel K. **Zentralbl Veterinarmed [A]** 1985 Feb;32(2):123–34 (Eng. Abstr.) (Ger)

[Effect of interferon on the formation of sister chromatid exchanges and DNA reparative synthesis in the leukocytes of Marfan's syndrome patients defective in the repair of induced DNA damage] Makedonov GP, et al. **Dokl Akad Nauk SSSR** 1984;279(2):484–7 (Rus)

[Radiosensitizing of experimental animal tumors using inhibitors of repair] Gotlib VIa, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):25–9 (Rus)

[Analogs of natural nucleosides and their 5'-triphosphates carrying the amino group in 3'-position--highly effective inhibitors of replication, repair and transcription] Kraevskii AA, et al. **Mol Biol (Mosk)** 1985 Jan–Feb;19(1):173–6 (Eng. Abstr.) (Rus)

[The role of ADP-ribosylation processes in the repair of cytogenetic damage in mammalian cells] Aptikaeva GF, et al. **Radiobiologiia** 1985 Mar–Apr;25(2):155–8 (Eng. Abstr.) (Rus)

[Repair of the nucleoid of sarcoma 37 cells in vitro or in vivo. The effect of HEPES buffer] Synzynys BI, et al. **Radiobiologiia** 1984 Sep–Oct;24(5):641–2 (Eng. Abstr.) (Rus)

[Change in survival of cells in the first 2 generations after irradiation and exposure to inhibitors of repair synthesis] Taponainen NIa, et al. **Radiobiologiia** 1985 Jul–Aug; 25(4):515–7 (Eng. Abstr.) (Rus)

[Reparative DNA synthesis in the lymphocytes of persons coming in contact with chromium compounds in industry] Rudnykh AA, et al. **Tsitol Genet** 1985 Jan–Feb;19(1):66–7 (Eng. Abstr.) (Rus)

[Repair of DNA damaged by methylmethane sulfonate in normal human lymphocytes and in xeroderma pigmentosum] Genter EI, et al. **Tsitologiia** 1985 May; 27(5):587–91 (Eng. Abstr.) (Rus)

[Defect in the caffeine-dependent postreplication DNA repair in UV-sensitive Chinese hamster clone cells] Tavartkiladze BA, et al. **Tsitologiia** 1984 Nov; 26(11):1295–301 (Eng. Abstr.) (Rus)

[Isoproterenol stimulation of the repair of single-stranded DNA breaks in Chinese hamster cells induced by gamma irradiation] Vikhanskaia FL, et al. **Tsitologiia** 1985 Feb; 27(2):233–6 (Eng. Abstr.) (Rus)

RADIATION EFFECTS

Application of capillary gas chromatography-mass spectrometry to chemical characterization of radiation-induced base damage of DNA: implications for assessing DNA repair processes. Dizdaroglu M. **Anal Biochem** 1985 Feb 1;144(2):593–603

Ultraviolet irradiation of monkey cells enhances the repair of DNA adducts in alpha DNA. Leadon SA, et al. **Carcinogenesis** 1984 Nov;5(11):1505–10

Enhanced cell killing, inhibition of recovery from potentially lethal damage and increased mutation frequency by 3-aminobenzamide in Chinese hamster V79 cells exposed to X-rays. Kumar A, et al. **Int J Radiat Biol** 1985 Jan; 47(1):103–12

Changes in nuclease sensitivity of mammalian cells after irradiation with 60Co gamma-rays. Takahashi K, et al. **Int J Radiat Biol** 1985 Sep;48(3):389–95

DNA repair synthesis in the rat retina following in vivo exposure to 300-nm radiation. Rapp LM, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):384-8

Manipulating chromosome structure and metaphase status with ultraviolet light and repair synthesis inhibitors. Mullinger AM, et al. **J Cell Sci** 1985 Feb;73:159-86

DNA replication and repair in Tilapia cells. I. The effect of ultraviolet radiation. Yew FH, et al. **J Cell Sci** 1984 Dec;72:213-26

Role of solar conditioning in DNA repair response and survival of human epidermal keratinocytes following UV irradiation. Liu SC, et al. **J Invest Dermatol** 1985 Aug;85(2):93-7

Hypersensitivity to ionizing radiation in cultured cells from Down syndrome patients. Otsuka F, et al. **J Neurol Sci** 1985 May-Jun;69(1-2):103-12

Deficiency of UV-induced excision repair in human thymocytes. Gensler HL, et al. **Leuk Res** 1985;9(4):471-9

Ultraviolet light-induced DNA repair synthesis in hepatocytes from species of differing longevities. Maslansky CJ, et al. **Mech Ageing Dev** 1985 Feb;29(2):191-203

Weigle reactivation of diploid M13 phage. LeClerc JE, et al. **MGG** 1984;197(3):414-9

DNA of Chinese hamster V79 cells newly synthesized after ultraviolet irradiation contains alkali-labile sites. Pirlel M, et al. **MGG** 1984;198(1):183-4

DNA repair in mouse embryo fibroblasts. II. Responses of nontransformed, preneoplastic and tumorigenic cells to ultraviolet irradiation. Elliott GC, et al. **Mutat Res** 1985 May;145(3):185-94

Effects of DNA-repair processes on the induction of genetic duplications in bacteria by ultraviolet light. Hoffmann GR, et al. **Mutat Res** 1985 Aug;151(1):25-33

X-ray sensitive mutants of Chinese hamster ovary cells defective in double-strand break rejoining. Kemp LM, et al. **Mutat Res** 1984 Nov-Dec;132(5-6):189-96

(6-4)Photoproducts are removed from the DNA of UV-irradiated mammalian cells more efficiently than cyclobutane pyrimidine dimers. Mitchell DL, et al. **Mutat Res** 1985 Jul;143(3):109-12

Repair of DNA single-strand breaks in X-irradiated yeast. I. Use of the DNA-unwinding method to measure DNA strand breaks. Ogorek B, et al. **Mutat Res** 1985 Jul;146(1):55-61

Repair of DNA single-strand breaks in X-irradiated yeast. II. Kinetics of repair as measured by the DNA-unwinding method. Ogorek B, et al. **Mutat Res** 1985 Jul;146(1):63-70

Gamma-radiation induced ADP-ribosyl transferase activity and mammalian longevity. Pero RW, et al. **Mutat Res** 1985 Jan-Feb;142(1-2):69-73

The induction and repair of DNA damage and its influence on cell death in primary human fibroblasts exposed to UV-A or UV-C irradiation. Roza L, et al. **Mutat Res** 1985 Jul;146(1):89-98

Responses of 4 X-ray-sensitive CHO cell mutants to different radiations and to irradiation conditions promoting cellular recovery. Thacker J, et al. **Mutat Res** 1985 Jul;146(1):99-108

UV-induced unscheduled DNA synthesis in fibroblasts of aging inbred rats. Vijg J, et al. **Mutat Res** 1985 Sep;146(2):197-204

Double-strand break repair and G2 block in Chinese hamster ovary cells and their radiosensitive mutants. Weibezahn KF, et al. **Mutat Res** 1985 May;145(3):177-83

Possible correlations between cell killing, chromosome damage and DNA repair after X-irradiation. Bryant PE, et al. **Nucleic Acids Symp Ser** 1984;(13):291-308

The effect of inhibitors of DNA synthesis on DNA repair. Fram RJ, et al. **Nucleic Acids Symp Ser** 1984;(13):95-107

Comparative studies of repair using inhibitors. Johnson RT, et al. **Nucleic Acids Symp Ser** 1984;(13):255-77

Potentiation of chromosomal alterations by inhibitors of DNA repair. Kihlman BA, et al. **Nucleic Acids Symp Ser** 1984;(13):319-39

The repair of DNA strand breaks in human lymphocytes exposed to near UV-radiation (UVA) and far UV-radiation (UVC) Holmberg M, et al. **Photochem Photobiol** 1985 Apr;41(4):437-44

Repair processes in radiation biology. Elkind MM. **Radiat Res** 1984 Dec;100(3):425-49 (52 ref.)

Seasonal variations in UVR-induced DNA synthesis and in UVR inhibition of phytohaemagglutinin-stimulated proliferation of human lymphocytes. Munch-Petersen B, et al. **Scand J Clin Lab Invest** 1985 Feb;45(1):37-44

Cell cycle-dependent repair of double-strand DNA breaks in a gamma-ray-sensitive Chinese hamster cell. Giaccia A, et al. **Somatic Cell Mol Genet** 1985 Sep;11(5):485-91

DNA-repair and cancer radiotherapy. Kada T, et al. **Strahlentherapie** 1984 Nov;160(11):695-9

[The repair of DNA damage induced in human lymphocytes by gamma rays and fast neurons] Fabry L, et al. **C R Soc Biol (Paris)** 1984;178(5):535-41 (Eng. Abstr.) (Fre)

[Action of low doses of ionizing radiation on DNA repair processes] Tuschl H, et al. **Strahlenschutz Forsch Prax** 1985;25:197-204 (Ger)

[DNA repair in Drosophila oogenesis] Tikhomirova MM, et al. **Genetika (Moskva)** 1984 Nov;20(11):1824-9 (Eng. Abstr.) (Rus)

[Structure of DNA from the rat thymus during prolonged exposure to tritium oxide and external gamma-irradiation] Rusinova GG, et al. **Med Radiol (Mosk)** 1985 Jul;30(7):58-62 (Eng. Abstr.) (Rus)

[DNA damage and repair in Chinese hamster fibroblasts exposed to gamma and secondary radiation generated by 70 GeV protons] Akhmadieva AKh, et al. **Radiobiologiia** 1985 May-Jun;25(3):378-80 (Eng. Abstr.) (Rus)

[Genetic determination and mechanism of realization of temperature-induced radioresistance] Bresler SE, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):584-9 (Eng. Abstr.) (Rus)

[Temperature-induced radioresistance of Escherichia coli cells] Bresler SE, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):579-83 (Eng. Abstr.) (Rus)

[Initiation of unscheduled synthesis on DNA sites associated with a nuclear matrix of irradiated hepatoma cells] Gaziev AI, et al. **Radiobiologiia** 1985 Jan-Feb;25(1):137-8 (Eng. Abstr.) (Rus)

[Genetic control of the processes of postradiation repair of a compact chromosome in Micrococcus radiodurans cells] Kadriashova NIu, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):603-6 (Eng. Abstr.) (Rus)

[Mechanisms of radiation impairment of DNA biosynthesis. Separation, partial purification, characteristics of and changes in DNA polymerase alpha and beta activities of rat bone marrow at early stages after gamma irradiation and comparison with the status of repair and replication biosynthesis of DNA] Mazurik VK, et al. **Radiobiologiia** 1985 Jul-Aug;25(4):444-8 (Eng. Abstr.) (Rus)

[Repaired and unrepaired DNA damage induced by x-irradiation of nonproliferating rat hepatocytes] Smirnova IS, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):620-3 (Eng. Abstr.) (Rus)

DNA REPLICATION

see related

DNA UNTWISTING PROTEINS
DNA UNWINDING PROTEINS
VIRUS REPLICATION

Proteins involved in DNA replication. **Adv Exp Med Biol** 1984;179:1-571

How does Rop work? Banner DW, et al. **Adv Exp Med Biol** 1984;179:215-9

Overproduction and purification of the gene 2 product involved in the initiation of phage phi 29 replication. Blanco L, et al. **Adv Exp Med Biol** 1984;179:193-7

The role of HMG1 protein in nucleosome assembly and in chromatin replication. Bonne-Andrea C, et al. **Adv Exp Med Biol** 1984;179:479-88

In vitro synthesis of cauliflower mosaic virus DNA in viroplasms. Bonneville JM, et al. **Adv Exp Med Biol** 1984;179:113-9

Replication functions encoded by the plasmid pSC101. Churchward G, et al. **Adv Exp Med Biol** 1984;179:209-14

In vitro replication of R1 miniplasmid DNA. Diaz R, et al. **Adv Exp Med Biol** 1984;179:55-61

The origin of DNA replication of bacteriophage f1 and its interaction with the phage gene II protein. Dotto GP, et al. **Adv Exp Med Biol** 1984;179:185-91

Searching for proteins and sequences of DNA replication in mammalian cells. Falaschi A, et al. **Adv Exp Med Biol** 1984;179:497-506

How does SV40 T antigen control initiation of viral DNA replication? Fanning E, et al. **Adv Exp Med Biol** 1984;179:241-8

Fidelity of DNA replication in vitro. Fersht AR. **Adv Exp Med Biol** 1984;179:525-33

Studies on the role of dam methylation at the Escherichia coli chromosome replication origin (oriC). Forterre P, et al. **Adv Exp Med Biol** 1984;179:543-9

Proteins and nucleotide sequences involved in DNA replication of filamentous bacteriophage. Geider K, et al. **Adv Exp Med Biol** 1984;179:45-54 (36 ref.)

Replication of phi X174 DNA by calf thymus DNA polymerase-alpha: measurement of error rates at the amber-16 codon. Grosse F, et al. **Adv Exp Med Biol** 1984;179:535-40

Analysis of mu DNA replicated on cellophane discs. Higgins NP, et al. **Adv Exp Med Biol** 1984;179:63-7

Enzymological studies of the T4 replication proteins. Jongeneel CV, et al. **Adv Exp Med Biol** 1984;179:17-33 (52 ref.)

Enzyme studies of replication of the Escherichia coli chromosome. Kornberg A. **Adv Exp Med Biol** 1984;179:3-16

Function and properties of RP4 DNA primase. Lanka E, et al. **Adv Exp Med Biol** 1984;179:265-80

Initiation of DNA synthesis on single-stranded DNA templates in vitro promoted by the bacteriophage lambda O and P replication proteins. LeBowitz JH, et al. **Adv Exp Med Biol** 1984;179:77-89

Studies on the initiation of DNA synthesis in plant and animal cells. Litvak S, et al. **Adv Exp Med Biol** 1984;179:249-62

Relationship between the organization of DNA loop domains and of replicons in the eukaryotic genome. Marilley M, et al. **Adv Exp Med Biol** 1984;179:163-8

Correlation of DNA polymerase activities with the initiation of DNA synthesis. Otto AM. **Adv Exp Med Biol** 1984;179:337-42

Search for the enzyme responsible for the reverse transcription step in cauliflower mosaic virus replication. Pfeiffer P, et al. **Adv Exp Med Biol** 1984;179:121-5

Chromatin structure and DNA replication. Pilm W, et al. **Adv Exp Med Biol** 1984;179:127-41

Replication of bacteriophage mu and its mini-mu derivatives. Resibois A, et al. **Adv Exp Med Biol** 1984;179:69-76

In vitro replication of bacteriophage phi 29. Salas M, et al. **Adv Exp Med Biol** 1984;179:35-44

Replication in vitro of adenovirus DNA. van der Vliet PC, et al. **Adv Exp Med Biol** 1984;179:93-105

Inhibition and recovery of the replication of dependent parvovirus DNA in mouse fibroblasts. Vos JM, et al. **Adv Exp Med Biol** 1984;179:143-50

DNA topoisomerases. Wang JC. **Annu Rev Biochem** 1985;54:665-97 (313 ref.)

Construction of plasmid cloning vectors for lactic streptococci which also replicate in Bacillus subtilis and Escherichia coli. Kok J, et al. **Appl Environ Microbiol** 1984 Oct;48(4):726-31

The use of (3H) thymidine-adsorbed on activated charcoal for the study of non-premitotic DNA synthesis in newborn rat hepatocytes. Viola-Magni MP, et al. **Basic Appl Histochem** 1984;28(3):257-64

DNA-protein interaction at the replication origins of plasmid chromosomes. Bastia D, et al. **Basic Life Sci** 1985;30:397-414

Insertion of transcriptional elements outside the replication region can interfere with replication, maintenance, and stability of ColE1-derived plasmids. Bujard H, et al. **Basic Life Sci** 1985;30:45-52

Effects of altered nucleotide concentrations on the fidelity of DNA replication. Das SK, et al. **Basic Life Sci** 1985;31:117-26 (26 ref.)

Genetic interactions of broad host-range plasmid RK2: evidence for a complex replication regulon. Figurski DH, et al. **Basic Life Sci** 1985;30:227-41

Role of the pi initiation protein and direct nucleotide sequence repeats in the regulation of plasmid R6K replication. Filutowicz M, et al. **Basic Life Sci** 1985;30:125-40

Initiation of replication of the Escherichia coli chromosomal origin reconstituted with purified enzymes. Kaguni JM, et al. **Basic Life Sci** 1985;30:141-50

Enzymatic channeling of DNA precursors. Mathews CK. **Basic Life Sci** 1985;31:47-66 (60 ref.)

Broad host-range plasmid R1162: replication, incompatibility, and copy-number control. Meyer RJ, et al. **Basic Life Sci** 1985;30:173-88

Control of plasmid replication: theoretical considerations and practical solutions. Nordström K. **Basic Life Sci** 1985;30:189-214

Replication control for pT181, an indirectly regulated plasmid. Novick RP, et al. **Basic Life Sci** 1985;30:299-320

The replication of unsubstituted and 5-bromodeoxyuridine- or 5-chlorodeoxyuridine-substituted DNA regulates the rate of induction of sister chromatid exchanges. O'Neill JP, et al. **Basic Life Sci** 1984;29 Pt A:59-68

Control of chromosome replication in bacteria. Pritchard RH. **Basic Life Sci** 1985;30:277-82

Effect of variations in the conditions of DNA synthesis upon the accuracy of DNA replication. Razzaki T, et al. **Basic Life Sci** 1985;31:175-87

Incompatibility and IncFII plasmid replication control. Rownd RH, et al. **Basic Life Sci** 1985;30:335-54

Replication determinants of the broad host-range plasmid RSF1010 Scholz P, et al. **Basic Life Sci** 1985;30:243-59

Replication bypass SCE mechanisms and the induction of SCE by single-strand adducts or lesions of DNA. Shafer DA. **Basic Life Sci** 1984;29 Pt A:245-65 (35 ref.)

Regulation of replication and maintenance functions of broad host-range plasmid RK2. Thomas CM, et al. **Basic Life Sci** 1985;30:261-76

Origin and initiation sites of lambda dv DNA replication in vitro. Tsurimoto T, et al. **Basic Life Sci** 1985;30:151-72

Plasmid DNA primases and their role in bacterial conjugation. Wilkins BM, et al. **Basic Life Sci** 1985;30:585-603

Identification of the short dispersed repetitive DNA sequences isolated from the zones of initiation of DNA synthesis in human cells as Alu-elements. Anachkova B, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):101-6

Studies directed toward testing the 'channeling' hypothesis--ribonucleotides-----DNA in leukemia L1210 cells. Chiba P, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):656-62

Involvement of protease in L-glutamine control of nucleic acid and polyphosphate metabolism in cells transformed by 9,10-dimethyl-1,2-benzanthracene, SV40 and H-ras oncogene. Deffie AM, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):6-13

Detection of proteins which recognize and bind oriC sequences. Weinberger M, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):400-5

Regulation of bacteriophage mu and mini-mu DNA replication in vivo. DuBow MS, et al. **Biochem Int** 1985 Jun;10(6):945-53

DNA replication of simian virus 40 chromatin in digitonin-treated and saponin-treated permeable cells. Oda T, et al. **Biochem Int** 1984 Dec;9(6):763-9

Polyamine metabolism and virus replication. Williamson JD. **Biochem Soc Trans** 1985 Apr;13(2):331-2

Multiple conformational states of repair patches in chromatin during DNA excision repair. Hunting DJ, et al.

Biochemistry 1985 Jun 18;24(13):3219-26

Base-pairing properties of N4-methoxydeoxycytidine 5'-triphosphate during DNA synthesis on natural templates, catalyzed by DNA polymerase I of Escherichia coli. Reeves ST, et al. **Biochemistry** 1985 Apr 23; 24(9):2262-8

Kinetics of incorporation of O6-methyldeoxyguanosine monophosphate during in vitro DNA synthesis. Snow ET, et al. **Biochemistry** 1984 Sep 11;23(19):4289-94

On the fidelity of DNA replication: use of synthetic oligonucleotide-initiated reactions. Abbotts J, et al. **Biochim Biophys Acta** 1985 Jan 29;824(1):58-65

DNA replication of single-stranded Escherichia coli DNA phages. Baas PD. **Biochim Biophys Acta** 1985 Jun 24; 825(2):111-39 (170 ref.)

Methodology for the study of the effect of drugs on development and DNA replication in Drosophila melanogaster embryonic tissue. Inman RB. **Biochim Biophys Acta** 1984 Dec 14;783(3):205-15

DNA repair and replication in human fibroblasts treated with (+/-)-r-7,t-8-dihydroxy-t-9,10-epoxy-7,8,9,10-tetrahydr . Kaufmann WK, et al. **Biochim Biophys Acta** 1985 Feb 20;824(2):146-51

The nuclear matrix continues DNA synthesis at in vivo replicational forks. Tubo RA, et al. **Biochim Biophys Acta** 1985 Jul 24;825(3):326-34

Temporal replication of an interspersed repeated sequence of mouse DNA. Vizard DL, et al. **Biochim Biophys Acta** 1984 Sep 10;782(4):402-7

Relationships between cytoplasmic microtubular complex, DNA synthesis and cell morphology in mouse embryonic fibroblasts (effects of age, serum deprivation, aphidicolin, cytochalasin B and colchicine). Van Gansen P, et al. **Biol Cell** 1984;52(2):161-74

A conformational rationale for the replication of nucleic acids under prebiotic conditions. Balasubramanian R, et al. **Biosystems** 1984;17(2):77-85

Thymidine incorporation in the olfactory epithelium of mice: early exponential response induced by olfactory neurectomy. Câmara CG, et al. **Brain Res** 1984 Aug 6; 308(1):63-8

In vitro concatemerization of bacteriophage T7 DNA: role of DNA synthesis and gene 6 exonuclease. Lee DD, et al. **Can J Biochem Cell Biol** 1985 Apr;63(4):237-42

SOS response in mammalian cells. Sarasin A. **Cancer Invest** 1985;3(2):163-74 (71 ref.)

Autoregulation of the DNA replication gene dnaA in E. coli K-12. Braun RE, et al. **Cell** 1985 Jan;40(1):159-69

Meiosis-specific transcripts of a DNA component replicated during chromosome pairing: homology across the phylogenetic spectrum. Hotta Y, et al. **Cell** 1985 Apr; 40(4):785-93

Control of ColE1 plasmid replication: enhancement of binding of RNA I to the primer transcript by the Rom protein. Tomizawa J, et al. **Cell** 1984 Oct;38(3):871-8

Control of ColE1 plasmid replication: initial interaction of RNA I and the primer transcript is reversible. Tomizawa J. **Cell** 1985 Mar;40(3):527-35

The termination region for SV40 DNA replication directs the mode of separation for the two sibling molecules. Weaver DT, et al. **Cell** 1985 Jun;41(2):565-75

A unique DNA intermediate associated with termination of chromosome replication in Bacillus subtilis. Weiss AS, et al. **Cell** 1984 Dec;39(3 Pt 2):683-9

Purification and characterization of two forms of DNA polymerase alpha from mouse FM3A cells: a DNA polymerase alpha-primase complex and a free DNA polymerase alpha. Enomoto T, et al. **Cell Struct Funct** 1985 Jun;10(2):161-71

DNA replication. Takahashi T, et al. **Cell Struct Funct** 1984 Jul;9 Suppl:s5-8 (41 ref.)

DNA synthesis rate changes during the S phase in mouse epidermis. Clausen OP, et al. **Cell Tissue Kinet** 1985 Jul; 18(4):445-55

Pattern of DNA synthesis and its effect on the classification of cells by flow cytometry. Culpin D, et al. **Cell Tissue Kinet** 1985 Jan;18(1):1-12

Cell kinetics from double labeling [letter] Knolle H. **Cell Tissue Kinet** 1985 Jul;18(4):465

New formulae for the evaluation of a single set of data from double labelling with [14C]TdR and [^{3}H]TdR. Knolle H. **Cell Tissue Kinet** 1984 Nov;17(6):661-6

Uninterrupted DNA synthesis during S-phase in untransformed diploid hamster fibroblasts. Cawood AH, et al. **Chromosoma** 1985;91(2):164-6

Differential gene activity visualized on sister chromatids after replication in the presence of 5-azacytidine. Ferraro M, et al. **Chromosoma** 1985;91(3-4):307-12

Control of DNA replication and spatial distribution of defined DNA sequences in salivary gland cells of Drosophila melanogaster. Hammond MP, et al. **Chromosoma** 1985;91(3-4):279-86

Chromosome structure and DNA replication in nurse and follicle cells of Drosophila melanogaster. Hammond MP, et al. **Chromosoma** 1985;91(3-4):267-78

Replication and nicking of zygotene DNA sequences. Control by a meiosis-specific protein. Hotta Y, et al. **Chromosoma** 1984;90(4):243-53

DNA replication and H5 histone exchange during reactivation of chick erythrocyte nuclei in heterokaryons. Ringertz NR, et al. **Chromosoma** 1985;91(5):391-6

The DNA enzymology of protein machines. Alberts BM. **Cold Spring Harbor Symp Quant Biol** 1984;49:1-12

The role of specialized nucleoprotein structures in site-specific recombination and initiation of DNA replication. Echols H, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:727-33

Nonhomologous recombination mediated by Escherichia coli DNA gyrase: possible involvement of DNA replication. Ikeda H, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:401-9

Mechanism and regulation of Tn10 transposition. Kleckner N, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:235-44

The role of DNA replication in the repression of the yeast mating-type silent loci. Miller AM, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:105-13

The mechanism of transposition of bacteriophage mu. Mizuuchi K, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:835-8

On the role of DNA replication, endonuclease VII, and rII proteins in processing of recombinational intermediates in phage T4. Mosig G, et al **Cold Spring Harbor Symp Quant Biol** 1984;49:371-82

Involvement of Escherichia coli mismatch repair in DNA replication and recombination. Wagner R, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:611-5

Replicative and conservative transpositional recombination of insertion sequences. Weinert TA, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:251-60

Enzymology of DNA in replication in prokaryotes. Marians KJ. **CRC Crit Rev Biochem** 1984;17(2):153-215 (420 ref.)

The in vitro replication of adenovirus DNA. Friefeld BR, et al. **Curr Top Microbiol Immunol** 1984;110:221-55

Adenovirus DNA replication. Fütterer J, et al. **Curr Top Microbiol Immunol** 1984;111:41-64

Late DNA replication in rhesus monkey (Macaca mulatta) chromosomes. Armada JL, et al. **Cytobios** 1984; 41(162):95-103

Correlation between post-replication repair and metastatic potential in B16 mouse melanoma cell lines. Khalil F, et al. **Cytobios** 1985;42(166):117-23

Analysis of DNA synthesis rate of cultured cells from flow cytometric data. Bertuzzi A, et al. **Cytometry** 1984 Nov; 5(6):619-28

Development of cells containing catecholamines and somatostatin-like immunoreactivity in neural crest cultures: relationship of DNA synthesis to phenotypic expression. Maxwell GD, et al. **Dev Biol** 1985 Mar;108(1):203-9

Glucose-stimulated DNA replication of the pancreatic islets during the development of the rat fetus. Effects of nutrients, growth hormone, and triiodothyronine. Swenne I. **Diabetes** 1985 Aug;34(8):803-7

A requirement for DNA synthesis in foetal hepatocyte differentiation. Effect of cytosine arabinoside on the appearance of the liver isoenzyme of pyruvate kinase. Scott R, et al. **Differentiation** 1984;28(1):49-52

The initiation of DNA replication in the mitochondrial genome of yeast. Baldacci G, et al. **EMBO J** 1984 Sep; 3(9):2115-20

Changes in the nuclear distribution of cyclin (PCNA) but not its synthesis depend on DNA replication. Bravo R, et al. **EMBO J** 1985 Mar;4(3):655-61

Control of pT181 replication II. Mutational analysis. Carleton S, et al. **EMBO J** 1984 Oct;3(10):2407-14

Replication priming and transcription initiate from precisely the same site in mouse mitochondrial DNA. Chang DD, et al. **EMBO J** 1985 Jun;4(6):1559-67

The origin of adenovirus DNA replication: minimal DNA sequence requirement in vivo. Hay RT. **EMBO J** 1985 Feb;4(2):421-6

dnaA protein-regulated transcription: effects on the in vitro replication of Escherichia coli minichromosomes. Lother H, et al. **EMBO J** 1985 Feb;4(2):555-60

Regulation of a new bacteriophage T4 gene, 69, that spans an origin of DNA replication. Macdonald PM, et al. **EMBO J** 1984 Dec 1;3(12):2863-71

Effect of dam methylation on the activity of the E. coli replication origin, oriC. Messer W, et al. **EMBO J** 1985 May;4(5):1327-32

Control of pT181 replication I. The pT181 copy control function acts by inhibiting the synthesis of a replication protein. Novick RP, et al. **EMBO J** 1984 Oct; 3(10):2399-405

Importance of state of methylation of oriC GATC sites in initiation of DNA replication in Escherichia coli. Smith DW, et al. **EMBO J** 1985 May;4(5):1319-26

Origin of replication in episomal bovine papilloma virus type 1 DNA isolated from transformed cells. Waldeck W, et al. **EMBO J** 1984 Sep;3(9):2173-8

Uterine deoxyribonucleic acid synthesis during preimplantation in precursors of stromal cell differentiation during decidualization. Moulton BC, et al. **Endocrinology** 1984 Oct;115(4):1302-7

The complete 30-base-pair origin region of bacteriophage phi X174 in a plasmid is both required and sufficient for in vivo rolling-circle DNA replication and packaging. Fluit AC, et al. **Eur J Biochem** 1985 Jun 18;149(3):579-84

Purification and some of the functions of the products of bacteriophage T4 recombination genes, uvsX and uvsY. Yonesaki T, et al. **Eur J Biochem** 1985 Apr 1;148(1):127-34

Early initiation of DNA synthesis in G1 phase HeLa cells following fusion with red cell ghosts loaded with S-phase cell extracts. Brown DB, et al. **Exp Cell Res** 1985 Jan; 156(1):251-9

Replication of non-repetitive DNA during early, middle and late S phase. The general class and the subset transcribed. Grady LJ, et al. **Exp Cell Res** 1985 Jun;158(2):333-41

Does capacity of DNA replication change during in vitro ageing? Hasegawa N, et al. **Exp Cell Res** 1985 Feb; 156(2):478-86

Arginase as one of the inhibitory principles in the density-dependent as well as plasma membrane-mediated inhibition of liver cell growth in vitro. Koji T, et al. **Exp Cell Res** 1984 Dec;155(2):359-70

Control in previous and present generations of preparation for entry into S phase and the relationship to resting state in 3Y1 rat fibroblastic cells. Okuda A, et al. **Exp Cell Res** 1984 Nov;155(1):24-32

A gene function required for cell cycle progression during the G1 portion of the cell cycle and for maintenance of macronuclear DNA synthesis in Paramecium tetraurelia. Rasmussen CD, et al. **Exp Cell Res** 1984 Dec;155(2):593-7

Evidence for a relationship between DNA methylation and DNA replication from studies of the 5-azacytidine-reactivated allocyclic X chromosome. Schmidt M, et al. **Exp Cell Res** 1985 Jun;158(2):301-10

Rapid determination of DNA synthesis in adherent cells grown in microtiter plates. Song MK, et al. **Exp Cell Res** 1985 Jan;156(1):271-6

The microtubular cytoskeleton and the initiation of DNA synthesis. Thyberg J. **Exp Cell Res** 1984 Nov;155(1):1-8

In vivo DNA synthesis in the dietary restricted long-lived rat. Merry BJ, et al. **Exp Gerontol** 1985;20(1):15-28

The proliferative state of early erythropoietic progenitor cells (BFU-E) in human umbilical cord blood: low probability of finding BFU-E in DNA synthesis. Shekhter-Levin S, et al. **Exp Hematol** 1984 Sep;12(8):650-4

Mosaicism in female hybrid hares heterozygous for glucose-6-phosphate dehydrogenase. V. The recovery of DNA synthesis of hare fibroblasts after ultraviolet irradiation. Janakidevi K, et al. **Exp Mol Pathol** 1984 Dec; 41(3):344-53

Replication pattern of double minutes derived from an insect cell line. Mukherjee AB, et al. **Experientia** 1985 Jan 15; 41(1):85-6

Involvement of protein HMG1 in DNA replication. Alexandrova EA, et al. **FEBS Lett** 1984 Dec 3;178(1):153-5

Plasmid-encoded initiation protein is required for activity at all three origins of plasmid R6K DNA replication in vitro. Inuzuka M. **FEBS Lett** 1985 Feb 25;181(2):236-40

The rates of replicative and unscheduled DNA synthesis as functions of temperature in LS/B1, L-As and L-C3 cells. Beneš L, et al. **Folia Biol (Praha)** 1985;31(1):9-19

DNA-protein interactions during replication of genetic elements of bacteria. Nešvera J, et al. **Folia Microbiol (Praha)** 1985;30(2):154-76 (177 ref.)

Active and inactive replication of hepatitis B virus deoxyribonucleic acid in chronic liver disease. Yokosuka O, et al. **Gastroenterology** 1985 Sep;89(3):610-6

Cloning and expression of gene 2, required for the protein-primed initiation of the Bacillus subtilis phage phi 29 DNA replication. Blanco L, et al. **Gene** 1984 Jul-Aug; 29(1-2):33-40

The ori sequences of the mitochondrial genome of a wild-type yeast strain: number, location, orientation and structure. de Zamaroczy M, et al. **Gene** 1984 Dec; 32(3):439-57

A comparative study of the ori sequences from the mitochondrial genomes of twenty wild-type yeast strains. Faugeron-Fonty G, et al. **Gene** 1984 Dec;32(3):459-73

A 189-bp fragment of Crithidia fasciculata maxicircle DNA confers autonomous replication in Saccharomyces cerevisiae. Kim R, et al. **Gene** 1984 Jul-Aug;29(1-2):103-12

Segments of chromosomal DNA from Rhynchosciara americana that undergo additional rounds of DNA replication in the salivary gland DNA puffs have only weak ARS activity in yeast. Millar S, et al. **Gene** 1985;34(1):81-6

Replication origin of the Bacillus subtilis chromosome determined by hybridization of the first-replicating DNA with cloned fragments from the replication origin region of the chromosome. Ogasawara N, et al. **Gene** 1984 Oct; 30(1-3):173-82

Structural organization of the ori site of phage P22; comparison with other lambdoid ori sites. Petri JB, et al. **Gene** 1984 Dec;32(3):304-10

The replication origin of pSC101: the nucleotide sequence and replication functions of the ori region. Yamaguchi K, et al. **Gene** 1984 Jul-Aug;29(1-2):211-9

Genetic analysis of DNA replication in bacteria: dnaB mutations that suppress dnaC mutations and dnaQ mutations that suppress dnaE mutations in Salmonella typhimurium. Maurer R, et al. **Genetics** 1984 Sep; 108(1):25-38

Functional interchangeability of DNA replication genes in Salmonella typhimurium and Escherichia coli demonstrated by a general complementation procedure. Maurer R, et al. **Genetics** 1984 Sep;108(1):1-23

A model of duplicative transposition and gene conversion for repetitive DNA families. Ohta T. **Genetics** 1985 Jul; 110(3):513-24

Replication of X chromosomes in complete moles. Tsukahara M, et al. **Hum Genet** 1985;71(1):7-10

Maintenance of late replication of X-chromosomes in hyperdiploid cells of the barking deer Muntiacus muntjak. Raman R. **Indian J Exp Biol** 1984 May;22(5):229-32

Cloning of the contiguous 165-kilobase-pair region around the terminus of Escherichia coli K-12 DNA replication. Asada K, et al. **J Bacteriol** 1985 Jul;163(1):398–400

Comparison of 10 IncP plasmids: homology in the regions involved in plasmid replication. Chikami GK, et al. **J Bacteriol** 1985 May;162(2):656–60

Regulation of transcription of the repA1 gene in the replication control region of IncFII plasmid NR1 by gene dosage of the repA2 transcription repressor protein. Dong X, et al. **J Bacteriol** 1985 Feb;161(2):544–51

Analysis of Agrobacterium tumefaciens plasmid pTiC58 replication region with a novel high-copy-number derivative. Gallie DR, et al. **J Bacteriol** 1985 Mar; 161(3):1034–41

In vitro RNA polymerase interaction with a restriction fragment containing the Escherichia coli origin of replication. Greene RS, et al. **J Bacteriol** 1985 Jan; 161(1):183–8

Protein and nucleic acid synthesis during synchronized growth of Plasmodium falciparum. Gritzmacher CA, et al. **J Bacteriol** 1984 Dec;160(3):1165–2

Effects of the ccd function of the F plasmid on bacterial growth. Jaffé A, et al. **J Bacteriol** 1985 Sep;163(3):841–9

RecA protein acts at the initiation of stable DNA replication in rnh mutants of Escherichia coli K-12. Kogoma T, et al. **J Bacteriol** 1985 Aug;163(2):439–44

Physical mapping of a 330 X 10(3)-base-pair region of the Myxococcus xanthus chromosome that is preferentially labeled during spore germination. Komano T, et al. **J Bacteriol** 1985 Apr;162(1):124–30

Novel dnaG mutation in a dnaP mutant of Escherichia coli. Murakami Y, et al. **J Bacteriol** 1985 May;162(2):830–2

Host DNA replication forks are not preferred targets for bacteriophage Mu transposition. Nakai H, et al. **J Bacteriol** 1985 Jul;163(1):282–90

High incidence of transposon Tn3 insertions into a replication control gene of the chimeric R/Ent plasmid pCG86 of Escherichia coli. Picken RN, et al. **J Bacteriol** 1984 Oct; 160(1):430–3

Extension of the host range of Escherichia coli vectors by incorporation of RSF1010 replication and mobilization functions. Priefer UB, et al. **J Bacteriol** 1985 Jul; 163(1):324–30

Isolation of a DNA fragment containing replication functions from IncP2 megaplasmid pMG2. Prince AS, et al. **J Bacteriol** 1985 Feb;161(2):792–4

Replication control in promiscuous plasmid RK2: kil and kor functions affect expression of the essential replication gene trfA. Schreiner HC, et al. **J Bacteriol** 1985 Jul; 163(1):228–37

Cellular location of origin and terminus of replication in Bacillus subtilis. Sonnenfeld EM, et al. **J Bacteriol** 1985 Sep;163(3):895–9

Preferential inhibition of plasmid replication in vivo by altered DNA gyrase activity in Escherichia coli. Uhlin BE, et al. **J Bacteriol** 1985 May;162(2):855–7

Control of F plasmid replication by a host gene: evidence for interaction of the mafA gene product of Escherichia coli with the mini-F incC region. Wada C, et al. **J Bacteriol** 1984 Dec;160(3):1130–6

IncFII plasmid incompatibility product and its target are both RNA transcripts. Womble DD, et al. **J Bacteriol** 1984 Oct; 160(1):28–35

Analysis of the individual regulatory components of the IncFII plasmid replication control system. Womble DD, et al. **J Bacteriol** 1985 Feb;161(2):534–43

Incompatibility mutants of IncFII plasmid NR1 and their effect on replication control. Wu RP, et al. **J Bacteriol** 1985 Sep;163(3):973–82

Contamination by ATP of commercial dATP samples causing erroneous results in studies of DNA replication in isolated HeLa cell nuclei. Hanaoka F, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):383–6

Effect of the replacement of pRoR promoter of lambda dv plasmid by lac promoter on the synthesis of DNA. Hase T, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1205–15

Nucleotide sequence involved in the replication of cloned yeast mitochondrial DNA. Wakabayashi K, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):171–7

The interrelation between DNA synthesis rates and DNA polymerases bound to the nuclear matrix in synchronized HeLa cells. Foster KA, et al. **J Biol Chem** 1985 Apr 10; 260(7):4229–35

Initiation of DNA replication at the primary origin of bacteriophage T7 by purified proteins. Site and direction of initial DNA synthesis. Fuller CW, et al. **J Biol Chem** 1985 Mar 10;260(5):3185–96

Influence of template primary and secondary structure on the rate and fidelity of DNA synthesis. Hillebrand GG, et al. **J Biol Chem** 1985 Mar 10;260(5):3116–25

Initiation of DNA synthesis by the calf thymus DNA polymerase-primase complex. Holmes AM, et al. **J Biol Chem** 1985 Sep 5;260(19):10840–6

Effects of the bacteriophage T4 dda protein on DNA synthesis catalyzed by purified T4 replication proteins. Jongeneel CV, et al. **J Biol Chem** 1984 Oct 25; 259(20):12933–8

Gapped Minicircles. A novel replication intermediate of kinetoplast DNA. Kitchin PA, et al. **J Biol Chem** 1984 Dec 25;259(24):15532–9

Intermediates in the replication of kinetoplast DNA minicircles. Kitchin PA, et al. **J Biol Chem** 1985 Mar 25; 260(6):3844–51

Purification of pT181-encoded repC protein required for the initiation of plasmid replication. Koepsel RR, et al. **J Biol Chem** 1985 Jul 15;260(14):8571–7

The mutational specificity of DNA polymerase-beta during in vitro DNA synthesis. Production of frameshift, base substitution, and deletion mutations. Kunkel TA. **J Biol Chem** 1985 May 10;260(9):5787–96

Monoclonal antibodies against human DNA polymerase-alpha inhibit DNA replication in permeabilized human cells. Miller MR, et al. **J Biol Chem** 1985 Jan 10; 260(1):134–8

Replication of pBR322 DNA in vitro with purified proteins. Requirement for topoisomerase I in the maintenance of template specificity. Minden JS, et al. **J Biol Chem** 1985 Aug 5;260(16):9316–25

The type II insulin-like growth factor receptor does not mediate increased DNA synthesis in H-35 hepatoma cells. Mottola C, et al. **J Biol Chem** 1984 Oct 25;259(20):12705–13

Relations between synthesis of deoxyribonucleotides and DNA replication in 3T6 fibroblasts. Nicander B, et al. **J Biol Chem** 1985 May 10;260(9):5376–81

A gap at a unique location in newly replicated kinetoplast DNA minicircles from Trypanosoma equiperdum. Ntambi JM, et al. **J Biol Chem** 1985 May 10;260(9):5574–9

Replication of the vesicular stomatitis virus genome in permissive and nonpermissive host cells. Piwnica-Worms H, et al. **J Biol Chem** 1985 Sep 5;260(19):10503–11

Polypeptide structure of DNA primase from a yeast DNA polymerase-primase complex. Plevani P, et al. **J Biol Chem** 1985 Jun 10;260(11):7102–7

19-kDa tumor antigen coded by early region E1b of adenovirus 2 is required for efficient synthesis and for protection of viral DNA. Subramanian T, et al. **J Biol Chem** 1984 Oct 10;259(19):11777–83

The T4 mot protein functions as part of a pre-replicative DNA-protein complex. Uzan M, et al. **J Biol Chem** 1985 Jan 10;260(1):633–9

Purification and properties of the dnaJ replication protein of Escherichia coli. Zylicz M, et al. **J Biol Chem** 1985 Jun 25;260(12):7591–8

Spatial distribution of DNA loop attachment and replicational sites in the nuclear matrix. Smith HC, et al. **J Cell Biol** 1984 Nov;99(5):1794–802

The rat liver mitochondrial DNA-protein complex: displaced single strands of replicative intermediates are protein coated. Van Tuyle GC, et al. **J Cell Biol** 1985 Jan; 100(1):251–7

Changes in the H-1 histone complement during myogenesis. II. Regulation by differential coupling of H-1 variant mRNA accumulation to DNA replication. Winter E, et al. **J Cell Biol** 1985 Jul;101(1):175–81

Changes in the H-1 histone complement during myogenesis. I. Establishment by differential coupling of H-1 species synthesis to DNA replication. Winter E, et al. **J Cell Biol** 1985 Jul;101(1):167–74

Comparison of intracellular and extracellular mitogenic activity. Gajdusek CM, et al. **J Cell Physiol** 1984 Nov; 121(2):316–22

Control of DNA synthesis in polyploid mammalian cells. Graves JA, et al. **J Cell Physiol** 1984 Nov;121(2):409–14

Replication and transcription depend on attachment of DNA to the nuclear cage. Jackson DA, et al. **J Cell Sci [Suppl]** 1984;1:59–79 (39 ref.)

Is there a limit on in situ, genomic replication in Drosophila? Butterworth FM, et al. **J Exp Zool** 1985 May;234(2):325–8

Two replication determinants of an antibiotic-resistance plasmid, pTB19, from a thermophilic bacillus. Imanaka T, et al. **J Gen Microbiol** 1984 Jun;130 (Pt 6):1399–408

Characterization of the replication terminus of the Bacillus subtilis chromosome. Monteiro MJ, et al. **J Gen Microbiol** 1984 Sep;130 (Pt 9):2403–14

The ftsA gene product: a possible connection between DNA replication and septation in Escherichia coli. Tormo A, et al. **J Gen Microbiol** 1985 Feb;131 (Pt 2):239–44

Sequence of the putative origin of replication in the UL region of herpes simplex virus type 1 ANG DNA. Gray CP, et al. **J Gen Virol** 1984 Dec;65 (Pt 12):2109–19

Kilham rat virus DNA replication in subcellular fractions. Gunther M, et al. **J Gen Virol** 1984 Nov;65 (Pt 11):2021–31

Comparison of herpes simplex virus type 1 DNA replication and virus production in murine bone marrow-derived and resident peritoneal macrophages. Leary K, et al. **J Gen Virol** 1985 May;66 (Pt 5):1123–9

Effect of tacaribe virus infection on host cell protein and nucleic acid synthesis. López R, et al. **J Gen Virol** 1985 Aug;66 (Pt 8):1753–61

Cell division does not affect Sendai virus genome replication in persistently infected BHK cells. Roux L, et al. **J Gen Virol** 1984 Nov;65 (Pt 11):2055–60

Mutagenesis of a herpes simplex virus origin of DNA replication and its effect on viral interference. Stow ND. **J Gen Virol** 1985 Jan;66 (Pt 1):31–42

Hepatitis B virus DNA in Dane particles: evidence for the presence of replicative intermediates. Scotto J, et al. **J Infect Dis** 1985 Apr;151(4):610–7

The phosphatidylinositol response and proliferation of oxidative enzyme-activated human T lymphocytes: suppression by plasma lipoproteins. Akeson AL, et al. **J Lipid Res** 1984 Nov;25(11):1195–205

Role of cholesterogenesis and isoprenoid synthesis in DNA replication and cell growth. Siperstein MD. **J Lipid Res** 1984 Dec 15;25(13):1462–8 (68 ref.)

Trans- and cis-acting elements for the replication of P1 miniplasmids. Austin SJ, et al. **J Mol Biol** 1985 May 25; 183(2):195–202

A 140 base-pair DNA segment from the kanamycin resistance region of plasmid R1 acts as an origin of replication and promotes site-specific recombination. Clerget M. **J Mol Biol** 1984 Sep 5;178(1):35–46

Dispersive segregation of nucleosomes during replication of simian virus 40 chromosomes. Cusick ME, et al. **J Mol Biol** 1984 Sep 15;178(2):249–71

Multiple origin usage for DNA replication in sdrA(rnh) mutants of Escherichia coli K-12. Initiation in the absence of oriC. de Massy B, et al. **J Mol Biol** 1984 Sep 15; 178(2):227–36

Overinitiation of chromosome and plasmid replication in a dna Acos mutant of Escherichia coli K12. Evidence for dnaA-dnaB interactions. Frey J, et al. **J Mol Biol** 1984 Oct 25;179(2):171–83

Interference between M13 and oriM13 plasmids is mediated by a replication enhancer sequence near the viral strand origin. Johnston S, et al. **J Mol Biol** 1984 Aug 25; 177(4):685–700

Evidence that discontinuous DNA replication in Escherichia coli is primed by approximately 10 to 12 residues of RNA starting with a purine. Kitani T, et al. **J Mol Biol** 1985 Jul 5;184(1):45–52

Bacteriophage P4 DNA replication. Location of the P4 origin. Krevolin MD, et al. **J Mol Biol** 1985 Apr 20; 182(4):519–27

The replication of bacteriophage P4 DNA in vitro. Partial purification of the P4 alpha gene product. Krevolin MD, et al. **J Mol Biol** 1985 Apr 20;182(4):509–17

An essential replication gene, repA, of plasmid pSC101 is autoregulated. Linder P, et al. **J Mol Biol** 1985 Feb 5; 181(3):383–93

Replication of adeno-associated virus DNA. Complementation of naturally occurring rep- mutants by a wild-type genome or an ori- mutant and correction of terminal palindrome deletions. Senapathy P, et al. **J Mol Biol** 1984 Oct 15;179(1):1–20

Impediment to replication fork movement in the terminus region of the Bacillus subtilis chromosome. Weiss AS, et al. **J Mol Biol** 1984 Nov 15;179(4):745–50

Transcription of the replication control region of the IncFII R-plasmid NR1 in vitro and in vivo. Womble DD, et al. **J Mol Biol** 1985 Feb 5;181(3):395–410

Mammalian DNA enriched for replication origins is enriched for snap-back sequences. Zannis-Hadjopoulos M, et al. **J Mol Biol** 1984 Nov 15;179(4):577–86

Initiation of DNA replication in bacteria: analysis of an autorepressor control model. Margalit H, et al. **J Theor Biol** 1984 Nov 7;111(1):183–99

A model of bacterial DNA segregation based upon helical geometry. Mendelson NH. **J Theor Biol** 1985 Jan 7; 112(1):25–39

Expression of the cloned bacteriophage phi X174 A* gene in Escherichia coli inhibits DNA replication and cell division. Colasanti J, et al. **J Virol** 1985 Mar;53(3):807–13

Sequences in the polyomavirus DNA regulatory region involved in viral DNA replication and early gene expression. Dailey L, et al. **J Virol** 1985 Jun;54(3):739–49

Electron microscopic evidence for replication of circular Epstein-Barr virus genomes in latently infected Raji cells. Gussander E, et al. **J Virol** 1984 Nov;52(2):549–56

Adenovirus early region 4 encodes functions required for efficient DNA replication, late gene expression, and host cell shutoff. Halbert DN, et al. **J Virol** 1985 Oct;56(1):250–7

Adenovirus types 2 and 5 functions elicit replication and late expression of adenovirus type 12 DNA in hamster cells. Klimkait T, et al. **J Virol** 1985 Aug;55(2):466–74

Genetic and biochemical analysis of transformation-competent, replication-defective simian virus 40 large T antigen mutants. Manos MM, et al. **J Virol** 1985 Jan;53(1):120–7

Assignment of the temperature-sensitive lesion in the replication mutant A1 of vesicular stomatitis virus to the N gene. Marks MD, et al. **J Virol** 1985 Jan;53(1):44–51

Specificity of initiation of plus-strand DNA by Rous sarcoma virus. Smith JK, et al. **J Virol** 1984 Nov;52(2):314–9

An adenovirus early region 1A protein is required for maximal viral DNA replication in growth-arrested human cells. Spindler KR, et al. **J Virol** 1985 Mar;53(3):742–50

A large-tumor-antigen-specific monoclonal antibody inhibits DNA replication of simian virus 40 minichromosomes in an in vitro elongation system. Stahl H, et al. **J Virol** 1985 May;54(2):473–82

Formation of a cruciform structure at the simian virus 40 replication origin abolishes T-antigen binding to the origin in vitro. Tenen DG, et al. **J Virol** 1985 Oct;56(1):293–7

Simian virus 40 replication pause sites map with the nucleosomes. Trifonov EN, et al. **J Virol** 1984 Dec; 52(3):1011–2

Isolation of novel herpes simplex virus type 1 derivatives with tandem duplications of DNA sequences encoding immediate-early mRNA-5 and an origin of replication. Umene K, et al. **J Virol** 1985 Feb;53(2):607–15

A cis-acting sequence promotes removal of simian virus 40 DNA from the replication pool. Wang HT, et al. **J Virol** 1985 Feb;53(2):410–4

Constitutive expression of Epstein-Barr virus-encoded RNAs and nuclear antigen during latency and after

induction of Epstein-Barr virus replication. Weigel R, et al. **J Virol** 1985 Jan;53(1):254-9
Age-related changes in the excision repair capacity of Turbatrix aceti. Targovnik HS, et al. **Mech Ageing Dev** 1984 Sep;27(1):73-81
Versatile Escherichia coli-Bacillus shuttle vectors derived from runaway replication plasmids related to CloDF13. Andreoli PM. **MGG** 1985;199(3):372-80
Conjugative transfer of IncI1 plasmid DNA primase. Chatfield LK, et al. **MGG** 1984;197(3):461-6
Maintenance of multicopy plasmid Clo DF13 III. Role of plasmid size and copy number in partitioning. Hakkaart MJ, et al. **MGG** 1985;198(2):364-6
A mutant plasmid with increased stability of holding and polymerization in Saccharomyces cerevisiae. Harashima S, et al. **MGG** 1985;199(1):14-20
RNase H-defective mutants of Escherichia coli: a possible discriminatory role of RNase H in initiation of DNA replication. Horiuchi T, et al. **MGG** 1984;195(1-2):17-22
Mutagenesis in yeast-misreplication or misrepair? Kilbey BJ. **MGG** 1984;197(3):519-21
Function of ribonuclease H in initiation of DNA replication in Escherichia coli K-12. Kogoma T, et al. **MGG** 1985; 200(1):103-9
Initiation of DNA replication in Escherichia coli: RNase H-deficient mutants do not require the dnaA function. Lindahl G, et al. **MGG** 1984;196(2):283-9
Restriction cleavage maps of the DNAs of Streptococcus pneumoniae bacteriophages containing protein covalently bound to their 5' ends. López R, et al. **MGG** 1984; 197(1):67-74
Genetic inactivation of topoisomerase I suppresses a defect in initiation of chromosome replication in Escherichia coli. Louarn J, et al. **MGG** 1984;195(1-2):170-4
Bacteriophage phi 29 DNA replication in vitro: participation of the terminal protein and the gene 2 product in elongation. Matsumoto K, et al. **MGG** 1984;196(3):381-6
Replicating instabilities in yeast: occurrence in different mutational systems. Nasim A, et al. **MGG** 1985;199(1):152-3
SOS induction by thermosensitive replication mutants of miniF plasmid. Sommer S, et al. **MGG** 1985;198(3):456-64
Negative control of oriC plasmid replication by transcription of the oriC region. Tanaka M, et al. **MGG** 1985;200(1):21-6
Additional genes essential for replication of the mini-F plasmid from origin I. Tanimoto K, et al. **MGG** 1985; 198(2):358-9
An essential gene for replication of the mini-F plasmid from origin I. Tanimoto K, et al. **MGG** 1984;196(1):59-63
dnaA suppressor (dasF) mutants of Escherichia coli are stable DNA replication (sdrA/rnh) mutants. Torrey TA, et al. **MGG** 1984;196(2):350-5
Bacteriophage lambda replication proteins: formation of a mixed oligomer and binding to the origin of lambda DNA. Zylicz M, et al. **MGG** 1984;196(3):401-6
Autonomous replication sequences in the maxicircle kinetoplast DNA of Leishmania tarentolae. Hughes D, et al. **Mol Biochem Parasitol** 1984 Nov;13(3):263-75
Cloned mouse DNA fragments can replicate in a simian virus 40 T antigen-dependent system in vivo and in vitro. Ariga H, et al. **Mol Cell Biol** 1985 Mar;5(3):563-8
Replication of cloned DNA containing the Alu family sequence during cell extract-promoting simian virus 40 DNA synthesis. Ariga H. **Mol Cell Biol** 1984 Aug; 4(8):1476-82
Unusual regulation of simian virus 40 early-region transcription in genomes containing two origins of DNA replication. Buchman AR, et al. **Mol Cell Biol** 1984 Sep; 4(9):1915-28
Host species specificity of polyomavirus DNA replication is not altered by simian virus 40 72-base-pair repeats. Campbell BA, et al. **Mol Cell Biol** 1985 Jun;5(6):1534-7
Micronuclear DNA of Oxytricha nova contains sequences with autonomously replicating activity in Saccharomyces cerevisiae. Colombo MM, et al. **Mol Cell Biol** 1984 Sep; 4(9):1725-9
Linear simian virus 40 DNA fragments exhibit a propensity for rolling-circle replication. Deichaite I, et al.
Mol Cell Biol 1985 Jul;5(7):1787-90
Site-specific DNA binding of nuclear factor I: analyses of cellular binding sites. Gronostajski RM, et al.
Mol Cell Biol 1985 May;5(5):964-71
DNA replication and chromatin structure of simian virus 40 insertion mutants. Innis JW, et al. **Mol Cell Biol** 1984 Aug; 4(8):1499-507
Replication of DNA containing 5-bromouracil can be mutagenic in Syrian hamster cells. Kaufman ER.
Mol Cell Biol 1984 Nov;4(11):2449-54
Cloning of nascent monkey DNA synthesized early in the cell cycle. Kaufmann G, et al. **Mol Cell Biol** 1985 Apr; 5(4):721-7
Discontinuous DNA replication of Drosophila melanogaster is primed by octaribonucleotide primer. Kitani T, et al. **Mol Cell Biol** 1984 Aug;4(8):1591-6
Induction of cellular DNA synthesis by a simian virus 40 mutant defective in nuclear transport of T antigen. Lanford RE, et al. **Mol Cell Biol** 1985 Jun;5(6):1531-3
Conformation takes precedence over sequence in adeno-associated virus DNA replication. Lefebvre RB, et al. **Mol Cell Biol** 1984 Jul;4(7):1416-9
Simian virus 40 DNA replication in vitro: specificity of initiation and evidence for bidirectional replication. Li JJ, et al. **Mol Cell Biol** 1985 Jun;5(6):1238-46
Correction of the defect in initiation of DNA replication in a temperature-sensitive mutant hamster cell line by in vitro addition of extracts from normal cells. Narkhammar M, et al. **Mol Cell Biol** 1985 Apr;5(4):902-5
Bacterial beta-galactosidase as a marker of Rous sarcoma virus gene expression and replication. Norton PA, et al. **Mol Cell Biol** 1985 Feb;5(2):281-90
Interrelationships of protein and DNA syntheses during replication of mammalian cells. Sariban E, et al.
Mol Cell Biol 1985 Jun;5(6):1279-86
Method of mapping DNA replication origins. Spotila LD, et al. **Mol Cell Biol** 1985 Jan;5(1):85-92
Effect of ARS1 mutations on chromosome stability in Saccharomyces cerevisiae. Srienc F, et al.
Mol Cell Biol 1985 Jul;5(7):1676-84
Polyomavirus enhancer contains multiple redundant sequence elements that activate both DNA replication and gene expression. Veldman GM, et al. **Mol Cell Biol** 1985 Apr; 5(4):649-58
Cloning, sequencing, and functional analysis of oriL, a herpes simplex virus type 1 origin of DNA synthesis. Weller SK, et al. **Mol Cell Biol** 1985 May;5(5):930-42
DNA primase-DNA polymerase alpha from simian cells: sequence specificity of initiation sites on simian virus 40 DNA. Yamaguchi M, et al. **Mol Cell Biol** 1985 May; 5(5):1170-83
Properties of some monkey DNA sequences obtained by a procedure that enriches for DNA replication origins. Zannis-Hadjopoulos M, et al. **Mol Cell Biol** 1985 Jul; 5(7):1621-9
Characterization of a ts mutant of BALB/3T3 cells and correction of the defect by in vitro addition of extracts from wild-type cells. Zeng GC, et al. **Mol Cell Biol** 1984 Sep;4(9):1815-22
DNA-fork displacement rates in cultured mammalian cells with mutations in ribonucleotide reductase. Gjerset RA, et al. **Mutat Res** 1985 Apr;142(4):199-202
Methylation-induced blocks to in vitro DNA replication. Larson K, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):77-84
Spontaneous mutagenesis: the roles of DNA repair, replication, and recombination. Sargentini NJ, et al.
Mutat Res 1985 Jul;154(1):1-27 (200 ref.)
Polyoma virus DNA replication requires an enhancer. de Villiers J, et al. **Nature** 1984 Nov 15-21;312(5991):242-6
Reduction of the minimal sequence for initiation of DNA synthesis by qualitative or quantitative changes of an initiator protein. Dotto GP, et al. **Nature** 1984 Sep 20-26; 311(5983):279-80
Transposition without duplication of infecting bacteriophage Mu DNA. Harshey RM. **Nature** 1984 Oct 11-17; 311(5986):580-1
Repression of simian virus 40 early transcription by viral DNA replication in human 293 cells. Lewis ED, et al.
Nature 1985 Sep 12-18;317(6033):172-5
Role of DNA replication in the repression of silent mating type loci in yeast. Miller AM, et al. **Nature** 1984 Nov 15-21; 312(5991):247-51
Stable replication of plasmids derived from Epstein-Barr virus in various mammalian cells. Yates JL, et al.
Nature 1985 Feb 28-Mar 6;313(6005):812-5
Adenovirus DNA replication in vitro: site-directed mutagenesis of the nuclear factor I binding site of the Ad2 origin. de Vries E, et al. **Nucleic Acids Res** 1985 Jul 11; 13(13):4935-52
Oligonucleotide-directed mutagenesis by microscale 'shot-gun' gene synthesis. Grundström T, et al.
Nucleic Acids Res 1985 May 10;13(9):3305-16
DNA synthesis in yeast cell-free extracts dependent on recombinant DNA plasmids purified from Escherichia coli. Jong AY, et al. **Nucleic Acids Res** 1985 Apr 25; 13(8):2943-58
Isolated HeLa cell nuclei synthesize meaningful DNA. Kristensen T, et al. **Nucleic Acids Res** 1985 May 24; 13(10):3551-60
The linear extrachromosomal DNA of Physarum polycephalum replicates and is maintained under non-selective conditions in two different lower eukaryotes. Künzler P. **Nucleic Acids Res** 1985 Mar 25;13(6):1855-69
Inhibition of polyoma DNA synthesis by base pair substitutions at the replication origin. Luthman H, et al.
Nucleic Acids Res 1984 Oct 11;12(19):7503-515
Evaluation of heterologous ARS activity in S. cerevisiae using cloned DNA from S. pombe. Maundrell K, et al.
Nucleic Acids Res 1985 May 24;13(10):3711-22
Structure and function of the region of the replication origin of the Bacillus subtilis chromosome. III. Nucleotide sequence of some 10,000 base pairs in the origin region. Moriya S, et al. **Nucleic Acids Res** 1985 Apr 11; 13(7):2251-65
Structure and function of the region of the replication origin of the Bacillus subtilis chromosome. IV. Transcription of the oriC region and expression of DNA gyrase genes and other open reading frames. Ogasawara N, et al.
Nucleic Acids Res 1985 Apr 11;13(7):2267-79
Overproduction and purification of protein P6 of Bacillus subtilis phage phi 29: role in the initiation of DNA replication. Pastrana R, et al. **Nucleic Acids Res** 1985 May 10;13(9):3083-100
Abasic sites from cytosine as termination signals for DNA synthesis. Sagher D, et al. **Nucleic Acids Res** 1985 Jun 25; 13(12):4285-98
Comparison of the nucleotide sequences of the vegetative replication origins of broad host range IncP plasmids R751 and RK2 reveals conserved features of probable functional importance. Smith CA, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):557-72
Introduction: an integrated view of inhibited repair. Collins AR, et al. **Nucleic Acids Symp Ser** 1984;(13):1-11
Prematurely condensed chromosomes: a model system for visualizing effects of DNA damage, repair and inhibition at the level of chromosome structure. Hittelman WN.
Nucleic Acids Symp Ser 1984;(13):341-71
The relevance of DNA precursor pools to repair. Meuth M. **Nucleic Acids Symp Ser** 1984;(13):217-29
Detection of displacement ('D') loops with the properties of a replicating intermediate synthesized by a DNA/membrane complex derived from the low-copy-number plasmid RK2. Firshein W, et al.
Plasmid 1984 Nov;12(3):227-32
Control of replication of bacterial plasmids: genetics, molecular biology, and physiology of the plasmid R1 system. Nordström K, et al. **Plasmid** 1984 Sep;12(2):71-90 (68 ref.)
Characterization of the basic replicons of the chimeric R/Ent plasmid pCG86 and the related Ent plasmid P307. Picken RN, et al. **Plasmid** 1984 Jul;12(1):10-8
Reciprocal intrapool variation in plasmid copy numbers: a characteristic of segregational incompatibility. Projan SJ, et al. **Plasmid** 1984 Jul;12(1):52-60
RepFIC, a basic replicon of IncFI plasmids that has homology with a basic replicon of IncFII plasmids. Saadi S, et al. **Plasmid** 1984 Jul;12(1):61-4
A mutational hot spot in the incompatibility gene incC of mini-F plasmid. Seelke RW, et al. **Plasmid** 1984 Jul; 12(1):37-40
A two-stage molecular model for control of mini-F replication. Trawick JD, et al. **Plasmid** 1985 Jan;13(1):59-69
A stochastic mechanism controls the relative replication of equally competent ribosomal RNA gene sets in individual dipteran polyploid nuclei. Belikoff EJ, et al.
Proc Natl Acad Sci USA 1985 Aug;82(15):5045-9
Priming of human mitochondrial DNA replication occurs at the light-strand promoter. Chang DD, et al.
Proc Natl Acad Sci USA 1985 Jan;82(2):351-5
Plasmid P1 replication: negative control by repeated DNA sequences. Chattoraj D, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6456-60
P1 plasmid replication: multiple functions of RepA protein at the origin. Chattoraj DK, et al.
Proc Natl Acad Sci USA 1985 May;82(9):2588-92
Self-organization in macromolecular systems: the notion of adaptive value. Demetrius L. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6068-72
Specialized nucleoprotein structures at the origin of replication of bacteriophage lambda: complexes with lambda O protein and with lambda O, lambda P, and Escherichia coli DnaB proteins. Dodson M, et al.
Proc Natl Acad Sci USA 1985 Jul;82(14):4678-82
Mouse DNA polymerase alpha-primase terminates and reinitiates DNA synthesis 2-14 nucleotides upstream of C2A1-2(C2-3/T2) sequences on a minute virus of mice DNA template. Faust EA, et al.
Proc Natl Acad Sci USA 1985 Jun;82(12):4023-7
Protein RepC is involved in copy number control of the broad host range plasmid RSF1010. Haring V, et al.
Proc Natl Acad Sci USA 1985 Sep;82(18):6090-4
Coordinate replication of members of the multigene family of core and H1 human histone genes. Iqbal MA, et al.
Proc Natl Acad Sci USA 1984 Dec;81(24):7723-7
A defective phage system reveals bacteriophage T4 replication origins that coincide with recombination hot spots. Kreuzer KN, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3345-9
Plasmid pT181 replication is regulated by two countertranscripts. Kumar CC, et al.
Proc Natl Acad Sci USA 1985 Feb;82(3):638-42
A fidelity assay using 'dideoxy' DNA sequencing: a measurement of sequence dependence and frequency of forming 5-bromouracil X guanine base mispairs. Lasken RS, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1301-5
Initiation of DNA replication on single-stranded DNA templates catalyzed by purified replication proteins of bacteriophage lambda and Escherichia coli. LeBowitz JH, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):3988-92
Simian virus 40 DNA replication in vitro. Li JJ, et al.
Proc Natl Acad Sci USA 1984 Nov;81(22):6973-7
Mutations in direct repeat sequences and in a conserved sequence adjacent to the repeats result in a defective replication origin in plasmid R6K. McEachern MJ, et al.
Proc Natl Acad Sci USA 1985 Mar;82(5):1480-4
Monomers through trimers of large tumor antigen bind in region I and monomers through tetramers bind in region II of simian virus 40 origin of replication DNA as stable structures in solution. Mastrangelo IA, et al.
Proc Natl Acad Sci USA 1985 Jun;82(11):3626-30
Characterization of a temperature-sensitive mutant of mouse FM3A cells defective in DNA replication. Murakami Y, et al. **Proc Natl Acad Sci USA** 1985 Mar;32(6):1761-5
Invariant temporal order of replication of the four actin gene loci during the naturally synchronous mitotic cycles of Physarum polycephalum. Pierron G, et al.
Proc Natl Acad Sci USA 1984 Oct;81(20):6393-7
A separate editing exonuclease for DNA replication: the epsilon subunit of Escherichia coli DNA polymerase III

holoenzyme. Scheuermann RH, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7747-51

The herpes simplex virus amplicon: analyses of cis-acting replication functions. Spaete RR, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):694-8

Kinetics of thymidine incorporation into detergent-soluble DNA of mouse lymphocytes. Strauss PR, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7056-60

Multiple initiation sites of DNA replication flanking the origin region of lambda dv genome. Tsurimoto T, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7402-6

Initiation of enzymatic replication at the origin of the Escherichia coli chromosome: primase as the sole priming enzyme. van der Ende A, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):3954-8

Involvement of the activated form of RecA protein in SOS mutagenesis and stable DNA replication in Escherichia coli. Witkin EM, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7539-43

In vitro replication of duplex circular DNA containing the simian virus 40 DNA origin site. Wobbe CR, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5710-4

3H-thymidine uptake in B cell lymphomas--relationship to treatment response and survival. Kvaløy S, et al. **Scand J Haematol** 1985 May;34(5):429-35

Role of S-adenosylmethionine in DNA synthesis and haemopoiesis. Sourial NA, et al. **Scand J Haematol** 1985 Apr;34(4):303-7

Replication of pSV2-gpt in COS-1 cells: stability of plasmid DNA in the presence and absence of biochemical selection. Tsui LC, et al. **Somatic Cell Mol Genet** 1985 Mar;11(2):167-76

Intracytoplasmic signals for DNA replication in lymphocyte proliferation. Cohen S, et al. **Symp Fundam Cancer Res** 1984;37:11-9

Differential association with cellular substructures of pseudorabies virus DNA during early and late phases of replication. Ben-Porat T, et al. **Virology** 1984 Dec;139(2):205-22

Asymmetric replication of hepatitis B virus DNA in human liver: demonstration of cytoplasmic minus-strand DNA by blot analyses and in situ hybridization. Blum HE, et al. **Virology** 1984 Nov;139(1):87-96

The role of gene O protein in the replication of bacteriophage lambda. Erdile L, et al. **Virology** 1984 Nov;139(1):97-108

Phenotypic characterization and physical mapping of a temperature-sensitive mutant of Autographa californica nuclear polyhedrosis virus defective in DNA synthesis. Gordon JD, et al. **Virology** 1984 Oct 15;138(1):69-81

Requirement of the avian retrovirus pp32 DNA binding protein domain for replication. Hippenmeyer PJ, et al. **Virology** 1984 Sep;137(2):358-70

Deoxyribonucleoprotein complexes and DNA synthesis of herpes simplex virus type 1. Leinbach SS, et al. **Virology** 1984 Sep;137(2):287-96

Porcine parvovirus DNA: characterization of the genomic and replicative form DNA of two virus isolates. Molitor TW, et al. **Virology** 1984 Sep;137(2):241-54

Reinitiation during lambda DNA replication resulting from either cis-Pt treatment or infection of a P2 lysogenic strain. Schnös M, et al. **Virology** 1985 Sep;145(2):304-12

Oligomerization of simian virus 40 tumor antigen may be involved in viral DNA replication. Schürmann C, et al. **Virology** 1985 Oct 15;146(1):1-11

The coupling of DNA repair-recombination functions with DNA replication in bacteriophage T4: a new DNA repair mutant. Wakem LP, et al. **Virology** 1984 Sep;137(2):338-46

Differential replication of SV40 and polyoma DNAs in Chinese hamster ovary cells. La Bella F, et al. **Virus Res** 1985 Jun;2(4):329-44

[Course of chronic hepatitis related to B virus in children. Study of serum viral DNA] Codoñer Franch PC, et al. **Gastroenterol Clin Biol** 1985 Jun-Jul;9(6-7):516-21 (Eng. Abstr.) (Fre)

[Molecular cloning of chloroplasts genes--chloroplast DNA replication origin and transcriptional promoters] Ohyama K. **Tanpakushitsu Kakusan Koso** 1985 Mar;30(3):184-96 (112 ref.) (Jpn)

[Characteristics of 3H-thymidine incorporation into AT-rich regions of DNA during replicative synthesis] Khudolii GA, et al. **Dokl Akad Nauk SSSR** 1985;282(4):996-9 (Rus)

[The in vivo formation of covalent compounds of bacteriophage phi X 174 protein A with nucleotides depends on phage DNA replication] Zolotukhin AS, et al. **Dokl Akad Nauk SSSR** 1985 Jul-Aug;283(1):213-5 (Rus)

[Kinetic heterogeneity of the replication of genetically inactive X chromosome in human cells] Baranovskaia LI. **Genetika (Moskva)** 1984 Oct;20(10):1708-13 (Eng. Abstr.) (Rus)

[Relation of DNA replication and cell division frequency in a population of microorganisms to the cell growth rate] Drozdov-Tikhomirov LN, et al. **Mikrobiologiia** 1984 Nov-Dec;53(6):914-7 (Eng. Abstr.) (Rus)

[Enzymatic mechanisms of degradation of DNA replication forks in vitro] Fradkin GE, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1518-23 (Eng. Abstr.) (Rus)

[DNA reduplication cycle during chromosome polytenization in the salivary gland cells of Chironomus thummi larvae. III. The determination of the duration of the DNA synthesis period] Gundrina LI, et al. **Tsitologiia** 1984 Aug;26(8):927-35 (Eng. Abstr.) (Rus)

[Mechanisms and age-specific characteristics of nuclear DNA replication] Levitskii EL. **Ukr Biokhim Zh** 1984 Jul-Aug;56(4):460-72 (87 ref.) (Eng. Abstr.) (Rus)

DRUG EFFECTS

Differential effects of sodium selenite and methylmercury(II) on membrane permeability and DNA replication in HeLa S3 carcinoma cells: a preliminary report regarding the modification of organomercurial toxicity by selenium compounds. Gruenwedel DW. **Adv Exp Med Biol** 1984;177:229-40

Inhibition of protein synthesis and lymphokine production by tetracycline. Ganguly R, et al. **Allerg Immunol (Leipz)** 1984;30(2):104-9

Vasopressin stimulates DNA synthesis and ion transport in quiescent epithelial cells. Reznik VM, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):C267-70

On the mechanism of action of free purine bases on DNA synthesis in serum-starved L-cells treated with platelet extract. Flodgaard H, et al. **Arch Biochem Biophys** 1985 Jun;239(2):359-63

Chloroplast DNA synthesis during the cell cycle in cultured cells of Nicotiana tabacum: inhibition by nalidixic acid and hydroxyurea. Heinhorst S, et al. **Arch Biochem Biophys** 1985 Jun;239(2):475-9

Effects of pregnant mouse serum and pregnancy hormones on the replication in vitro of murine cytomegalovirus. Chong KT, et al. **Arch Virol** 1984;82(3-4):223-31

Potentiation of induced sister chromatid exchanges and chromatid-type aberrations by inhibitors of DNA synthesis and repair in G2. Palitti F, et al. **Basic Life Sci** 1984;29 Pt A:313-8

Comparative effects of insulin and insulin-like growth factors on DNA synthesis and differentiation of porcine granulosa cells. Baranao JL, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):484-90

Ethanol inhibits hormone stimulated hepatocyte DNA synthesis. Carter EA, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):767-74

Thymidylate synthase inhibition in cells with arrested DNA synthesis is not due to an allosteric interaction in the replitase complex. Rode W, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):345-51

PGE1 not PGF2 alpha reverses the anti-actin antibody stimulation of protein phosphorylation and DNA synthesis in L cells. Shearer WT, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):23-8

Inhibition of initiation of simian virus 40 chromosome synthesis by dihydroxyanthraquinone. Su RT, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):249-56

Caffeine-induced reorganization of DNA replicating system occurs on or near nuclear matrix in HeLa cells. Hatayama T, et al. **Biochem Int** 1984 Nov;9(5):651-7

Effects of coordinated gold compounds on in vitro and in situ DNA replication. Allaudeen HS, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3243-50

Molecular mechanisms of chemical mutagenesis: 9-aminoacridine inhibits DNA replication in vitro by destabilizing the DNA growing point and interacting with the DNA polymerase. Topal MD. **Biochemistry** 1984 May 22;23(11):2367-72

Platelet-derived growth factor stimulates chemotaxis and nucleic acid synthesis in the protozoan Tetrahymena. Andersen HA, et al. **Biochim Biophys Acta** 1984 Sep 10;782(4):437-40

Inhibition of replicative DNA synthesis in nuclei of Strongylocentrotus intermedium urchin embryo by 2',3'-dideoxy-3'-aminonucleoside 5'-triphosphates. Kukhanova M, et al. **Biochim Biophys Acta** 1984 Dec 14;783(3):221-6

3T3 fibroblasts release a low-molecular-weight inhibitory peptide of lymphocyte DNA synthesis into serum-free culture medium. Okai Y. **Biochim Biophys Acta** 1984 Nov 28;802(2):287-91

In vitro DNA replication in association with the nuclear matrix of permeable mammalian cells. Van der Velden HM, et al. **Biochim Biophys Acta** 1984 Sep 10;782(4):429-36

Differential inhibition of DNA and RNA biosynthesis in HeLa S3 cells by tetaine, a dipeptide antibiotic. Woynarowska B, et al. **Biochim Biophys Acta** 1985 Jun 24;825(2):199-206

The mechanism of inhibition of DNA replication in HeLa S3 cells by the antitumor drug Ledakrin and other antitumor 1-nitro-9-aminoacridines. Woynarowski JM, et al. **Biochim Biophys Acta** 1985 Jun 24;825(2):244-53

Effects of BD-40, an ellipticine analogue (aza-ellipticine) on cell cycle traverse and DNA synthesis in cultures of synchronized mouse fibroblasts. Vilarem MJ, et al. **Biochimie** 1984 Sep-Oct;66(9-10):591-9

Initiation of DNA synthesis in quiescent Swiss 3T3 and 3T6 cells by lanthanum. Smith JB, et al. **Biosci Rep** 1984 Sep;4(9):777-82

Initiation of DNA synthesis in the liver and other tissues of adult mice by a growth factor (EACF) isolated from acellular fluid of the Ehrlich ascites carcinoma. Yeh HW, et al. **Biosci Rep** 1985 Mar;5(3):205-14

1 alpha,25-Dihydroxyvitamin D3 enables regenerating liver cells to make functional ribonucleotide reductase subunits and replicate DNA in thyroparathyroidectomized rats. Youdale T, et al. **Can J Biochem Cell Biol** 1985 May;63(5):319-24

Disparity in the effects of two N-methyl nicotinamides on poly(ADP-ribose) synthetase and macromolecular synthesis in hepatomas. Lea MA, et al. **Cancer Biochem Biophys** 1985 Jun;8(1):1-7

Effect of hypolipidemic peroxisome proliferators on unscheduled DNA synthesis in cultured hepatocytes and on mutagenesis in Salmonella. Glauert HP, et al. **Cancer Lett** 1984 Sep;24(2):147-56

Lack of miscoding properties of 7-(2-oxoethyl)guanine, the major vinyl chloride-DNA adduct. Barbin A, et al. **Cancer Res** 1985 Jun;45(6):2440-4

In vivo stimulation of DNA synthesis and induction of ornithine decarboxylase in rat colon by fatty acid hydroperoxides, autoxidation products of unsaturated fatty acids. Bull AW, et al. **Cancer Res** 1984 Nov;44(11):4924-8

Increased repair replication in human lymphoid cells by inhibition of polyadenosine diphosphoribose synthesis with no increase in patch sizes. Cleaver JE. **Cancer Res** 1985 Mar;45(3):1163-9

Stimulation of Rauscher leukemia virus DNA polymerase DNA-directed DNA synthesis by cationic trypanocides and polyamines. Marcus SL, et al. **Cancer Res** 1985 Jan;45(1):112-5

Inhibition of DNA synthesis by chemical carcinogens in cultures of initiated and normal proliferating rat hepatocytes. Novicki DL, et al. **Cancer Res** 1985 Jan;45(1):337-44

Repair synthesis of DNA induced by the urinary N-hydroxy metabolites of carcinogenic arylamines in urothelial cells of susceptible species. Wang CY, et al. **Cancer Res** 1985 Jan;45(1):221-5

Inhibition of human malignant neuroblastoma cell DNA synthesis by lipoxygenase metabolites of arachidonic acid. Werner EJ, et al. **Cancer Res** 1985 Feb;45(2):561-3

Effects of factors derived from a tumor clonal cell line on DNA synthesis of transformed and non transformed cells. Carmona MT, et al. **Cell Biol Int Rep** 1985 Mar;9(3):209-18

Inhibition of macrophage DNA synthesis by immunomodulators. II. Characterization of the suppression by muramyl dipeptide or lipopolysaccharide [3H]thymidine incorporation into macrophages. Nagao S, et al. **Cell Immunol** 1984 Dec;89(2):427-38

Combined effects of aphidicolin and retinoic acid on proliferation and differentiation of human leukaemic (HL-60) cells. Chou RH, et al. **Cell Tissue Kinet** 1985 Jul;18(4):387-97

Oestradiol is effective in stimulating 3H-thymidine incorporation but not on proliferation of breast cancer cultured cells. Jozan S, et al. **Cell Tissue Kinet** 1985 Jul;18(4):457-64

Repair and replication of DNA in rat and mouse tissues in relation to cancer induction by N-nitroso-N-alkyl-ureas. Craddock VM, et al. **Chem Biol Interact** 1984 Dec;52(2):223-31

The inhibition of mitochondrial DNA replication in vitro by the metabolites of benzene, hydroquinone and p-benzoquinone. Schwartz CS, et al. **Chem Biol Interact** 1985 May;53(3):327-50

The mechanism of action of 4-hydroxynonenal in cell injury. White JS, et al. **Chem Biol Interact** 1984 Dec;52(2):233-41

Regular pattern of karyotypic alterations accompanying gene amplification in Djungarian hamster cells: study of colchicine, adriablastin, and methotrexate resistance. Kopnin BP, et al. **Chromosoma** 1985;92(1):25-36

Cytogenetic demonstration of out-of-phase DNA synthesis in endoreduplicated CHO cells: evidence for partial endoreduplication. Takanari H, et al. **Cytogenet Cell Genet** 1985;39(2):93-8

Glucose toxicity for human endothelial cells in culture. Delayed replication, disturbed cell cycle, and accelerated death. Lorenzi M, et al. **Diabetes** 1985 Jul;34(7):621-7

Recognition site of nuclear factor I, a sequence-specific DNA-binding protein from HeLa cells that stimulates adenovirus DNA replication. Leegwater PA, et al. **EMBO J** 1985 Jun;4(6):1515-21

Effects of psoralen on replicon size and mean rate of DNA synthesis in partially synchronized cells of Pisum sativum L. Francis D, et al. **Exp Cell Res** 1985 Jun;158(2):500-8

Early stimulation of ATP turnover induced by growth factors. Synergistic effect of EGF and insulin and correlation with DNA synthesis. Talha S, et al. **Exp Cell Res** 1985 Jun;158(2):311-20

Effect of cyclic AMP on cellular contractility and DNA synthesis in chorioretinal fibroblasts maintained in collagen matrices. van Bockxmeer FM, et al. **Exp Cell Res** 1984 Dec;155(2):413-21

The comparative effects of methylmercuric chloride and mercuric chloride upon DNA synthesis in mouse fetal astrocytes in vitro. Choi BH, et al. **Exp Mol Pathol** 1984 Dec;41(3):371-6

3'-Fluoro-2',3'-dideoxyribonucleoside 5'-triphosphates: terminators of DNA synthesis. Chidgeavadze ZG, et al. **FEBS Lett** 1985 Apr 22;183(2):275-8

Effect of DNA-damaging agents on DNA replication and cell-cycle progression of cultured mouse mammary carcinoma cells. Kanno S, et al. **Gann** 1985 Apr;76(4):289-96

Differentiation in myelodysplastic, myeloid leukaemic and normal haemopoietic cells: a new approach exploiting the synergistic interaction between differentiation inducers and DNA synthesis inhibitors. Francis GE, et al. **Hamatol Bluttransfus** 1985;29:402-8

Reversal of ethanol and indomethacin-induced suppression of hepatic DNA synthesis by 16,16-dimethyl prostaglandin E2. McNeil GE, et al. **Hepatology** 1985 Jan-Feb;5(1):43-6

Repair and replication of DNA containing O6-methylguanine in fetal and adult animal tissues in relation to their susceptibilities to cancer induction by N-nitroso-N-alkylureas. Craddock VM. **IARC Sci Publ** 1984;(57):571-4

Enhancement of primate retrovirus synthesis by tumour promoters. Wunderlich V, et al. **IARC Sci Publ** 1984;(56):299-304

Inhibition of in vitro DNA synthesis by metepa--an aziridinyl alkylating agent. Saxena DM, et al. **Indian J Exp Biol** 1984 Aug;22(8):453-4

Azidocytidine is a specific inhibitor of deoxyribonucleotide synthesis in 3T6 cells. Akerblom L, et al. **J Biol Chem** 1985 Aug 5;260(16):9197-202

Initiation of DNA replication at the primary origin of bacteriophage T7 by purified proteins. Initiation of bidirectional synthesis. Fuller CW, et al. **J Biol Chem** 1985 Mar 10;260(5):3197-206

Growth factor- and dexamethasone-induced proteins in Swiss 3T3 cells. Relationship to DNA synthesis. Levenson R, et al. **J Biol Chem** 1985 Jul 5;260(13):8056-63

The requirements for ionized calcium and magnesium in lymphocyte proliferation. Abboud CN, et al. **J Cell Physiol** 1985 Jan;122(1):64-72

Comparative effects of somatomedin C and insulin on the metabolism and growth of cultured human fibroblasts. Conover CA, et al. **J Cell Physiol** 1985 Jan;122(1):133-41

Sodium orthovanadate stimulation of DNA synthesis in Nakano mouse lens epithelial cells in serum-free medium. Jones TR, et al. **J Cell Physiol** 1984 Oct;121(1):199-205

Interferon inhibition of thymidine incorporation into DNA through effects on thymidine transport and uptake. Pfeffer LM, et al. **J Cell Physiol** 1984 Nov;121(2):431-6

Culture kinetics of glycolytic enzyme induction, glucose utilization, and thymidine incorporation of extended-exposure phytohemagglutinin-stimulated human lymphocytes. Tollefsbol TO, et al. **J Cell Physiol** 1985 Jan;122(1):98-104

Aging alters somatomedin-C-dexamethasone synergism in the stimulation of deoxyribonucleic acid synthesis and replication of cultured human fibroblasts. Conover CA, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):423-8

Histospecific acetylcholinesterase development in the presumptive muscle cells isolated from 16-cell-stage ascidian embryos with respect to the number of DNA replications. Mita-Miyazawa I, et al. **J Embryol Exp Morphol** 1985 Jun;87:1-12

The effect of triterpenoid compounds on uninfected and herpes simplex virus-infected cells in culture. I. Effect on cell growth, virus particles and virus replication. Dargan DJ, et al. **J Gen Virol** 1985 Aug;66 (Pt 8):1771-84

Cells infected with human cytomegalovirus release a factor(s) that stimulates cell DNA synthesis. Gönczöl E, et al. **J Gen Virol** 1984 Oct;65 (Pt 10):1833-7

Synthesis of a tricyclic aphidicolin analogue that inhibits DNA synthesis in vitro. McMurry JE, et al. **J Med Chem** 1984 Oct;27(10):1367-9

Effects of vitamins on lipid peroxidation and suppression of DNA synthesis induced by adriamycin in Ehrlich cells. Okamoto K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Apr;31(2):129-37

Induction of DNA synthesis in cultured rabbit uterine cells by estradiol and inhibition of the estrogen response. Gerschenson LE, et al. **J Steroid Biochem** 1984 Aug;21(2):135-6

Protamine sulfate inhibition of serum-induced mitogenic responses: differential effects on normal and neoplastic cells. Leibovich SJ, et al. **JNCI** 1984 Dec;73(6):1337-47

Post-transcriptional control of the onset of DNA synthesis by an insulin-like growth factor. Campisi J, et al. **Mol Cell Biol** 1984 Sep;4(9):1807-14

High frequencies of chromatid aberrations produced during G2 in human lymphocytes by very low doses (0.025-0.4 Gy) of X-rays in combination with inhibitors of DNA synthesis. Andersson HC, et al. **Mutat Res** 1984 Sep;141(1):45-8

Theophylline reversal of alkylator-induced replicon initiation inhibition: no correlation with DDP-induced cytotoxicity. Ducore JM, et al. **Mutat Res** 1984 Oct;141(2):117-21

Analysis of replication of DEB-alkylated DNA in yeast: bypass replication in a rad3 mutant of Saccharomyces cerevisiae. Lecka-Czernik B, et al. **Mutat Res** 1984 Nov-Dec;132(5-6):161-9

Endogenous activation by indirect muta-carcinogens and DNA-repair synthesis in mouse-lung fibroblast cultures. Schmitt M, et al. **Mutat Res** 1984 Nov-Dec;132(5-6):197-201

On the fidelity of DNA polymerase alpha: the influence of alpha-thio dNTPs, Mn2+ and mismatch repair. Rienitz A, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5685-95

Approaches to the quantitative analysis of repair through the use of inhibitors. Downes CS. **Nucleic Acids Symp Ser** 1984;(13):231-54

Effects of inhibitors on repair DNA synthesis in in vitro systems. Hanaoka F, et al. **Nucleic Acids Symp Ser** 1984;(13):73-94

Mechanism of potentiation by caffeine of genotoxic damage induced by physical and chemical agents. Roberts JJ. **Nucleic Acids Symp Ser** 1984;(13):193-215

Effects of epidermal growth factor on deoxyribonucleic acid synthesis and stomach weight in hypophysectomized adult mice. Scheving LA, et al. **Peptides (Fayetteville)** 1984 Sep-Oct;5(5):945-51

Alkaline elution studies of hematoporphyrin-derivative photosensitized DNA damage and repair in Chinese hamster ovary cells. Blazek ER, et al. **Photochem Photobiol** 1984 Jul;40(1):5-13

Inhibition of DNA synthesis by psoralen-induced lesions in xeroderma pigmentosum and Fanconi's anemia fibroblasts. Gruenert DC, et al. **Photochem Photobiol** 1985 May;41(5):543-50

Effect of triiodothyronine or etiroxate on DNA synthesis in intact and regenerating liver. Cervinková Z, et al. **Physiol Bohemoslov** 1984;33(6):501-6

Suppression of the first stage of phorbol 12-tetradecanonate 13-acetate-effected tumor promotion in mouse skin by nontoxic inhibition of DNA synthesis. Kinzel V, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5858-62

Accumulation of 10-kilobase DNA replication intermediates in cells treated with 3-aminobenzamide. Lönn U, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):104-8

Sequence-dependent termination of in vitro DNA synthesis by cis- and trans-diamminedichloroplatinum (II). Pinto AL, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4616-9

Sequence context effects in DNA replication blocks induced by aflatoxin B1. Refolo LM, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3096-100

Diacylglycerol stimulates DNA synthesis and cell division in mouse 3T3 cells: role of Ca2+-sensitive phospholipid-dependent protein kinase. Rozengurt E, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5748-52

Development of a nucleotide precursor incorporation assay for testing drug sensitivity of human tumors. Sanfilippo O, et al. **Recent Results Cancer Res** 1984;94:127-39

Gentamicin-induced stimulation of DNA synthesis in rat kidney. Comparison between in vivo and in vitro models. Porter GA, et al. **Toxicol Lett** 1984 Nov;23(2):205-13

The role of DNA methylation in virus replication: inhibition of frog virus 3 replication by 5-azacytidine. Goorha R, et al. **Virology** 1984 Oct 15;138(1):94-102

Effect of cloned human interferons on the replication of and cell fusion induced by herpes simplex virus. Chatterjee S, et al. **Virus Res** 1984 Jan;1(1):81-7

[Differences between spleen and thymus cells of rats with respect to the effects of ethidium bromide on unscheduled DNA synthesis (DNA repair synthesis) and nucleoid sedimentation] Tempel K, et al. **Z Naturforsch [C]** 1984 Jun;39(6):601-5 (Eng. Abstr.) **(Ger)**

[Inhibition of various stages of DNA replication in sea urchin embryos] Terent'ev LL, et al. **Biokhimiia** 1985 Jun;50(6):1024-9 (Eng. Abstr.) **(Rus)**

[Analogs of natural nucleosides and their 5'-triphosphates carrying the amino group in 3'-position--highly effective inhibitors of replication, repair and transcription] Kraevskii AA, et al. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):173-6 (Eng. Abstr.) **(Rus)**

[Caffeine inactivation of mammalian cells in the S phase of the mitotic cycle due to anomalous replicon initiation during the inhibition of the elongation of replicating DNA] Filatov MV, et al. **Tsitologiia** 1984 Oct;26(10):1208-12 (Eng. Abstr.) **(Rus)**

[DNA replication in mammalian cells after exposure to factors of a physical, chemical or biological nature. III. 5-Fluorodeoxyuridine induces DNA synthesis in cells not suppressed by gamma irradiation] Synzynys BI, et al. **Tsitologiia** 1985 Feb;27(2):236-40 (Eng. Abstr.) **(Rus)**

[Defect in the caffeine-dependent postreplication DNA repair in UV-sensitive Chinese hamster clone cells] Tavartkiladze BA, et al. **Tsitologiia** 1984 Nov;26(11):1295-301 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Deoxynucleoside triphosphate pool changes and UV-induced depression of DNA synthesis. Griffiths TD, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):742-8

Test of models for replication of simian virus 40 DNA following ultraviolet irradiation. Barnett SW, et al. **Biophys J** 1984 Sep;46(3):307-21

Quantification of unscheduled DNA synthesis in mononuclear leukocytes of the horse. Ostlund C, et al. **Comp Biochem Physiol [B]** 1985;81(3):787-92

Sites of termination of in vitro DNA synthesis on psoralen phototreated single-stranded templates. Piette J, et al. **Int J Radiat Biol** 1985 Sep;48(3):381-8

Termination sites of the in vitro DNA synthesis on single-stranded DNA photosensitized by promazines. Merville MP, et al. **J Biol Chem** 1984 Dec 25;259(24):15069-77

DNA replication and repair in Tilapia cells. I. The effect of ultraviolet radiation. Yew FH, et al. **J Cell Sci** 1984 Dec;72:213-26

An action spectrum for 8-methoxypsoralen-sensitized inhibition of DNA synthesis in vivo. Kaidbey KH. **J Invest Dermatol** 1985 Aug;85(2):98-101

Mechanism of transient inhibition of DNA synthesis in ultraviolet-irradiated E. coli: inhibition is independent of recA whilst recovery requires RecA protein itself and an additional, inducible SOS function. Khidhir MA, et al. **MGG** 1985;199(1):133-40

Gap filling and not replication fork progression is the rate-limiting step in the replication of UV-damaged simian virus 40 DNA. White JH, et al. **Mol Cell Biol** 1984 Jul;4(7):1286-92

DNA repair in mouse embryo fibroblasts. II. Responses of nontransformed, preneoplastic and tumorigenic cells to ultraviolet irradiation. Elliott GC, et al. **Mutat Res** 1985 May;145(3):185-94

Effect of ultraviolet light on DNA replication in excision-deficient mammalian cells. Griffiths TD, et al. **Mutat Res** 1984 Sep-Oct;132(3-4):119-27

Inhibition and recovery of DNA synthesis in human cells after exposure to ultraviolet light. Painter RB. **Mutat Res** 1985 Jan-Mar;145(1-2):63-9

Occurrence and loss of alkali-labile sites in newly synthesized DNA of UV-irradiated Escherichia coli K12. Slezáriková V, et al. **Mutat Res** 1984 Sep-Oct;132(3-4):79-86

Enhanced induction of SV40 replication from transformed mammalian cells by fusion with UV-irradiated untransformed cells. van der Lubbe JL, et al. **Mutat Res** 1985 Aug;151(1):1-8

Kinetics of ultraviolet induced DNA excision repair in rat and human fibroblasts. Vijg J, et al. **Mutat Res** 1984 Sep-Oct;132(3-4):129-38

Semi-conservative synthesis of DNA in UV-sensitive mutant cells of Chinese hamster after UV-irradiation. Vikhanskaya FL, et al. **Mutat Res** 1985 Apr;149(2):271-3

Excision repair of mouse and human fibroblast cells, and a factor affecting the amount of UV-induced unscheduled DNA synthesis. Yagi T, et al. **Mutat Res** 1984 Sep-Oct;132(3-4):101-12

The effect of inhibitors of DNA synthesis on DNA repair. Fram RJ, et al. **Nucleic Acids Symp Ser** 1984;(13):95-107

Xeroderma pigmentosum complementation group F: more assignments and repair characteristics. Fujiwara Y, et al. **Photochem Photobiol** 1985 May;41(5):629-34

Enhanced replication of damaged SV40 DNA in carcinogen-treated monkey cells. Maga JA, et al. **Photochem Photobiol** 1984 Oct;40(4):473-8

Cell lethality after selective irradiation of the DNA replication fork. Hofer KG, et al. **Radiat Environ Biophys** 1985;24(3):161-74

[Mechanisms of radiation impairment of DNA biosynthesis. Separation, partial purification, characteristics of and changes in DNA polymerase alpha and beta activities of rat bone marrow at early stages after gamma irradiation and comparison with the status of repair and replication biosynthesis of DNA] Mazurik VK, et al. **Radiobiologiia** 1985 Jul-Aug;25(4):444-8 (Eng. Abstr.) **(Rus)**

[DNA replication in mammalian cells exposed to physical, chemical or biological factors. II. DNA-complex and nucleoid recovery and DNA replication after gamma irradiation] Synzynys BI, et al. **Tsitologiia** 1984 Nov;26(11):1323-6 (Eng. Abstr.) **(Rus)**

DNA RESTRICTION ENZYMES

Genomic fingerprinting in the epidemiology of gonorrhoea. Falk ES, et al. **Acta Derm Venereol (Stockh)** 1985;65(3):235-9

Non-random association of the polymorphic Taq I restriction site, located 3 KB 5' to the human delta-globin gene, with the polymorphic Hind III sites within the G gamma- and A gamma-globin genes. Poncet D, et al. **Acta Haematol (Basel)** 1984;72(4):217-20

The use of multiple restriction fragment length polymorphisms in prenatal risk estimation. I. X-linked diseases. Clark AG. **Am J Hum Genet** 1985 Jan;37(1):60-72

Analysis of chromatin of the brain of young and old rats by nick-translation. Chaturvedi MM, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):604-9

Polymorphism of mitochondrial DNA in pigs based on restriction endonuclease cleavage patterns. Watanabe T, et al. **Biochem Genet** 1985 Feb;23(1-2):105-13

DNA polymorphism of the RC8 probe on the X-chromosome. Identification of a new DNA variant with the TaqI enzyme. Børresen AL, et al. **Clin Genet** 1985 Apr;27(4):411-3

Practical consequences of restriction site symmetry. Panayotatos N. **Gene** 1984 Nov;31(1-3):291-4

Detection of a restriction site polymorphism within the human alpha-globin gene complex. Assum G, et al. **Hum Genet** 1985;69(2):144-6

A new MspI restriction fragment length polymorphism in the hemophilia B locus. Camerino G, et al. **Hum Genet** 1985;71(1):79-81

Isolation of probes detecting restriction fragment length polymorphisms from X chromosome-specific libraries: potential use for diagnosis of Duchenne muscular dystrophy. Hofker MH, et al. **Hum Genet** 1985;70(2):148-56

High-performance liquid chromatography of DNA restriction fragments. Hecker R, et al. **J Chromatogr** 1985 Jun 19;326:251-61

Comparison of neutralization and DNA restriction enzyme methods for typing clinical isolates of human adenovirus. Fife KH, et al. **J Clin Microbiol** 1985 Jul;22(1):95-100

A study of enterotoxigenic Escherichia coli, serogroup 0126, by bacterial restriction endonuclease DNA analysis (BRENDA). Marshall RB, et al. **J Hyg (Lond)** 1985 Jun;94(3):263-8

Differentiation of B15 strains of Neisseria meningitidis by DNA restriction endonuclease fingerprinting. Kristiansen BE, et al. **J Infect Dis** 1984 Nov;150(5):672-7

Identification and typing of herpes simplex virus types 1 and

2 by monoclonal antibodies, sensitivity to the drug (E)-5-(2-bromovinyl)-2'-deoxyuridine, and restriction endonuclease analysis of viral DNA. Zimmerman DH, et al. **J Med Virol** 1985 Mar;15(3):215-22

Regions in the ribosomal minichromosome of Physarum polycephalum are protected from restriction nucleases; protection is insensitive to high salt in the G phase and sensitive in the M phase of the cell cycle. Künzler P, et al. **J Mol Biol** 1984 Nov 15;179(4):651-66

The KpnI family of long interspersed nucleotide sequences is present on discrete sizes of circular DNA in monkey (BSC-1) cells. Schindler CW, et al. **J Mol Biol** 1985 Jan 20;181(2):161-73

Methods for comparing sequence data such as restriction endonuclease maps or nucleotide sequences of viral nucleic acid molecules. Gibbs A, et al. **J Virol Methods** 1984 Dec; 9(4):317-24

Restriction enzyme analysis of mitochondrial DNA in aging human cells. White FA, et al. **Mech Ageing Dev** 1985 May 13;30(2):153-68

An HLA-B locus probe clarifies endonuclease polymorphism of major histocompatibility complex class I genes. Grumet FC, et al. **Mol Biol Med** 1983 Dec;1(5):501-9

Restriction endonuclease fingerprinting of meningococcal DNA. Kristiansen BE, et al. **NIPH Ann** 1984 Jun;7(1):21-8

Restriction fragment length polymorphism of the human c-fms gene. Xu DQ, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2862-5

The genomic sequencing technique. Church GM, et al. **Prog Clin Biol Res** 1985;177:17-21

Peptide-nucleic acid interactions: possible recognition determinants of Eco RI endonuclease. Poulsen M, et al. **Prog Clin Biol Res** 1985;172B:77-90

[Application of microcomputers in the analysis of nucleotide sequence. I. Seeking the site of restriction endonuclease] Qu JH, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Jun; 6(3):230-1 (Eng. Abstr.) **(Chi)**

[Hybridization of low molecular weight nuclear RNA with nuclear RNA and DNA restriction fragments] Evtushenko VI, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1424-31 (Eng. Abstr.) **(Rus)**

[Weakening of bacteriophage lambda EcoK DNA restriction in the presence of plasmid pKM101 ard+. I. General characteristics and genetic localization] Zavil'gel'skii GB, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1590-6 (Eng. Abstr.) **(Rus)**

ANALYSIS

A simple and rapid method for screening bacteria for type II restriction endonucleases: enzymes in Aphanothece halophytica. Whitehead PR, et al. **Arch Microbiol** 1985 Feb; 141(1):70-4

Rapid sensitive fluorescence assays for DNA endonucleases and DNA glycosylases. Evans DH, et al. **Can J Biochem Cell Biol** 1984 Dec;62(12):1275-82

Evidence for a repeating domain in type I restriction enzymes. Argos P. **EMBO J** 1985 May;4(5):1351-5

Immunoelectron microscopic localization of the restriction endonuclease EcoRI in Escherichia coli BS 5. Kohring GW, et al. **Eur J Cell Biol** 1985 May;37:1-6

Prediction of secondary structure for Eco RI endonuclease. Manavalan P, et al. **J Biol Chem** 1984 Oct 10; 259(19):11666-7

Cloning and complete sequence of an HLA-A2 gene: analysis of two HLA-A alleles at the nucleotide level. Koller BH, et al. **J Immunol** 1985 Apr;134(4):2727-33

The Igh-V locus of MRL mice: restriction fragment length polymorphism in eleven strains of mice as determined with VH and D gene probes. Trepicchio W Jr, et al. **J Immunol** 1985 Apr;134(4):2734-9

Restriction enzyme analysis of herpes simplex virus isolates from known contacts of patients with genital herpes [letter] Smith IW, et al. **Lancet** 1985 Apr 27;1(8435):979

[Interconnected sequences of the Alu and HindIII bases of DNA repetitive sequences] Korotkov EV. **Dokl Akad Nauk SSSR** 1984;279(5):1252-4 **(Rus)**

ANTAGONISTS & INHIBITORS

Inhibition of the activity of restriction endonucleases by spermidine and spermine. Kuosmanen M, et al. **FEBS Lett** 1985 Jan 1;179(1):17-20

'Red pigment' from ADE-2 mutants of S. cerevisiae prevents DNA cleavage by restriction endonucleases. Meškauskas A, et al. **FEBS Lett** 1985 Mar 25;182(2):413-4

Inhibition of the type I restriction-modification enzymes EcoB and EcoK by the gene 0.3 protein of bacteriophage T7. Bandyopadhyay PK, et al. **J Mol Biol** 1985 Apr 20; 182(4):567-78

The novel gene(s) ARD of plasmid pKM101: alleviation of EcoK restriction. Belogurov AA, et al. **MGG** 1985; 198(3):509-13

Methylation of either cytosine in the recognition sequence CGCG inhibits ThaI cleavage of DNA. Strobl JS, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8073-83

BIOSYNTHESIS

Genetic control of damage-inducible restriction alleviation in Escherichia coli K12: an SOS function not repressed by lexA. Thoms B, et al. **MGG** 1984;197(2):297-303

[Use of different media for growing the producer of the restriction enzyme XBA I] Perel'man EV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec;(12):48-50 (Eng. Abstr.) **(Rus)**

DIAGNOSTIC USE

Use of restriction fragment length polymorphisms to study the origin of human aneuploidy. Hassold T, et al. **Ann NY Acad Sci** 1985;450:179-89

The mechanism and pattern of banding induced by restriction endonucleases in human chromosomes. Bianchi MS, et al. **Chromosoma** 1985;91(2):131-6

Restriction enzyme banding of mouse metaphase chromosomes. Kaelbling M, et al. **Chromosoma** 1984; 90(2):128-32

Susceptibility to insulin-dependent diabetes defined by restriction enzyme polymorphism of HLA-D region genomic DNA. Owerbach D, et al. **Diabetes** 1984 Oct; 33(10):958-65

Mechanism of endonuclease banding of chromosomes. Miller DA, et al. **Exp Cell Res** 1984 Nov;155(1):294-8

The positions of three restriction fragment length polymorphisms on chromosome 4 relative to known genetic markers. Gilliam TC, et al. **Hum Genet** 1984;68(2):154-8

Differentiation of Neisseria gonorrhoeae from other Neisseria species by use of the restriction endonuclease HaeIII. Torres AR, et al. **J Clin Microbiol** 1984 Oct;20(4):687-90

Estimation of DNA fragment size and generation of DNA restriction endonuclease maps using linear models. Holford TR, et al. **J Virol Methods** 1985 Feb;10(2):117-26

Restriction enzyme analysis and herpes simplex infections [letter] Barton SE, et al. **Lancet** 1985 Jun 22;1(8443):1448-9

A system to determine basepair substitutions at the molecular level, based on restriction enzyme analysis; influence of the muc genes of pKM101 on the specificity of mutation induction in E. coli. Mattern IE, et al. **Mutat Res** 1985 Jan-Feb;148(1-2):35-45

New aid to human gene mapping [news] Caskey CT. **Nature** 1985 Mar 7-13;314(6006):19

A cosmid vector that facilitates restriction enzyme mapping. Little PF, et al. **Proc Natl Acad Sci USA** 1985 May; 82(10):3159-63

[Search for the carrier state of hemophilia B using restriction fragment length polymorphism] Briët E, et al. **Ned Tijdschr Geneeskd** 1985 Jun 15;129(24):1141-5 (Eng. Abstr.) **(Dut)**

GENETICS

Intragenic Factor IX restriction site polymorphism in hemophilia B variants. Hassan HJ, et al. **Blood** 1985 Feb; 65(2):441-3

Isolation of a Bacillus stearothermophilus mutant exhibiting increased thermostability in its restriction endonuclease. Hendrix JD, et al. **J Bacteriol** 1985 May;162(2):682-92

A hybrid recognition sequence in a recombinant restriction enzyme and the evolution of DNA sequence specificity. Nagaraja V, et al. **Nature** 1985 Jul 25-31;316(6026):371-2

Overproduction of the EcoR V endonuclease and methylase. Bougueleret L, et al. **Nucleic Acids Res** 1985 Jun 11; 13(11):3823-39

Regulated expression of endonuclease EcoRI in Saccharomyces cerevisiae: nuclear entry and biological consequences. Barnes G, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1354-8

[Site-specific endonuclease BmeI from Bacillus megaterium 216] Pachkunov DM, et al. **Bioorg Khim** 1983 Jan; 9(1):127-9 (Eng. Abstr.) **(Rus)**

[A system of EcoRV restriction-modification: genes, enzymes and synthetic substrates] Kraev AS, et al. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):278-84 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Isolation and partial characterization of BstVI, a thermostable isoschizomer of XhoI. Vásquez C. **Biochem Int** 1985 Apr; 10(4):655-62

BinI: a new site-specific endonuclease from Bifidobacterium infantis. Khosaka T, et al. **Gene** 1984 Nov;31(1-3):251-5

Purification of a new restriction endonuclease, StyI, from Escherichia coli carrying the hsd+ miniplasmid. Mise K, et al. **Gene** 1985;33(3):357-61

Isolation of restriction enzyme EcoVIII, an isoschizomer of HindIII, produced by Escherichia coli E1585-68. Mise K, et al. **Gene** 1984 Oct;30(1-3):79-85

Purification and crystallization of the EcoRV restriction endonuclease. D'Arcy A, et al. **J Biol Chem** 1985 Feb 25; 260(4):1987-90

Three restriction endonucleases from Anabaena flos-aquae. Whitehead PR, et al. **J Gen Microbiol** 1985 Apr;131 (Pt 4):951-8

Two type I restriction enzymes from Salmonella species. Purification and DNA recognition sequences. Nagaraja V, et al. **J Mol Biol** 1985 Apr 20;182(4):579-87

NmeI, a restriction endonuclease from Neisseria meningitidis. Sparling R, et al. **Microbios** 1984;41(164):73-9

A site-specific endonuclease from Pseudomonas aeruginosa. Sokolov NN, et al. **Mol Biol Rep** 1985 Apr;10(3):159-61

Purification of Eco R1 endonuclease on heparin Sepharose-4B column chromatography. Pai SH, et al. **Proc Natl Sci Counc Repub China [B]** 1984 Jan;8(1):41-5

[Isolation and identification of the Alu family sequence in the human genome] Cai LW, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb; 7(1):15-9 (Eng. Abstr.) **(Chi)**

[Isolation and purification of restriction endonuclease PmiI from Proteus mirabilis 1667] Bakh NL, et al. **Antibiot Med Biotekhnol** 1985 May;30(5):342-4 (Eng. Abstr.) **(Rus)**

[BbvII--a new site-specific endonuclease from Bacillus brevis 80] Bunina ZF, et al. **Bioorg Khim** 1983 Nov; 9(11):1578-80 (Eng. Abstr.) **(Rus)**

[Restriction endonucleases from Shigella sonnei 47] Uporova TM, et al. **Vopr Med Khim** 1985 Mar-Apr;31(2):131-6 (Eng. Abstr.) **(Rus)**

[Production of immobilized SalI and PvuII restrictase preparations] Bakh NL, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):32-4 (Eng. Abstr.) **(Rus)**

[Search for the systems of DNA host specificity in Salmonella typhi] Pashenkov AL, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):3-6 (Eng. Abstr.) **(Rus)**

METABOLISM

Preferential cleavage by restriction endonuclease HinfIII. Piekarowicz A. **Acta Biochim Pol** 1984;31(4):453-64

A locus on chromosome 11p with multiple restriction site polymorphisms. Barker D, et al. **Am J Hum Genet** 1984 Nov;36(6):1159-71

Evaluation of field isolates of pseudorabies (Aujeszky's disease) virus as determined by restriction endonuclease analysis and hybridization. Pirtle EC, et al. **Am J Vet Res** 1984 Oct;45(10):1906-12

Characterization of restriction endonuclease maps of hepatitis B viral DNAs. Lo SJ, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):797-803

Conformational microheterogeneity in a DNA double helix: structure of restriction endonuclease Bam H1 recognition site. Sarma MH, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):269-76

Measurement of DNA-protein equilibria using gel chromatography: application to the HinfI restriction endonuclease. Frankel AD, et al. **Biochemistry** 1985 Jun 4;24(12):3049-54

Effect of polyamines and basic proteins on cleavage of DNA by restriction endonucleases. Pingoud A, et al. **Biochemistry** 1984 Nov 20;23(24):5697-703

Spermidine increases the accuracy of type II restriction endonucleases. Suppression of cleavage at degenerate, non-symmetrical sites. Pingoud A. **Eur J Biochem** 1985 Feb 15;147(1):105-9

A comparison of the structural requirements for DNA cleavage by the isoschizomers HaeIII, BspRI and BsuRI. Wolfes H, et al. **Eur J Biochem** 1985 Jul 1;150(1):105-10

Characterization of restriction-modification enzymes Cfr13 I from Citrobacter freundii RFL13. Bitinaité JB, et al. **FEBS Lett** 1985 Mar 25;182(2):509-13

Relaxation of PvuII recognition sequence. Nasri M, et al. **FEBS Lett** 1985 Jun 3;185(1):101-4

Recognition sequences of restriction endonucleases and methylases--a review. Kessler C, et al. **Gene** 1985; 33(1):1-102 (420 ref.)

The generation of a single nick per plasmid molecule using restriction endonucleases with multiple recognition sites. Kovacs BJ, et al. **Gene** 1984 Jul-Aug;29(1-2):63-8

Creating new restriction sites by silent changes in coding sequences. Little JW, et al. **Gene** 1984 Dec;32(1-2):67-73

Infrequent cleavage of cloned Anabaena variabilis DNA by restriction endonucleases from A. variabilis. Herrero A, et al. **J Bacteriol** 1984 Nov;160(2):781-4

A possible correlation between DNA conformation and the mode of action of restriction enzymes. Nishimura Y, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1807-11

The association of the interspersed repetitive KpnI sequences with the nuclear matrix. Chimera JA, et al. **J Biol Chem** 1985 Aug 5;260(16):9373-9

Restriction nuclease digestions driven to completion by Escherichia coli RNA polymerase and T4 gene 32 protein. Dombroski DF, et al. **J Biol Chem** 1985 Jan 10;260(1):415-7

Linear diffusion of restriction endonucleases on DNA. Ehbrecht HJ, et al. **J Biol Chem** 1985 May 25; 260(10):6160-6

The DNA restriction endonuclease of Escherichia coli B. II. Further studies of the structure of DNA intermediates and products. Endlich B, et al. **J Biol Chem** 1985 May 10;260(9):5729-38

The DNA restriction endonuclease of Escherichia coli B. I. Studies of the DNA translocation and the ATPase activities. Endlich B, et al. **J Biol Chem** 1985 May 10; 260(9):5720-8

Cleavage of phosphorothioate-substituted DNA by restriction endonucleases. Potter BV, et al. **J Biol Chem** 1984 Nov 25;259(22):14243-8

The nucleotide sequence of the leftmost XhoI fragment (6%) of simian adenovirus SA7P. Dekker BM, et al. **J Gen Virol** 1984 Oct;65 (Pt 10):1699-708

Chromosomal assignments of three random RFLP loci defined by base-pair changes in MspI sites. de Martinville B, et al. **Mol Biol Med** 1983 Nov;1(4):415-24

Processive cleavage of concatemer DNA duplexes by Eco RII restriction endonuclease. Yolov AA, et al. **Mol Biol Rep** 1985 Apr;10(3):173-6

Investigation of restriction-modification enzymes from M. varians RFL19 with a new type of specificity toward modification of substrate. Butkus V, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5727–46

Structural junctions in DNA: the influence of flanking sequence on nuclease digestion specificities. Drew HR, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4445–67

Two new restriction endonucleases DraII and DraIII from Deinococcus radiophilus. Grosskopf R, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1517–28

'Interactive' recognition in EcoRI restriction enzyme–DNA complex. Kim R, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7285–92

Changes in site specificity of single-strand-specific endonucleases on supercoiled PM2 DNA with temperature and ionic environment. Kowalski D. **Nucleic Acids Res** 1984 Sep 25;12(18):7071–86

The effect of site specific methylation on restriction endonuclease digestion. McClelland M, et al. **Nucleic Acids Res** 1985;13 Suppl:r201–7

alpha-Putrescinylthymine and the sensitivity of bacteriophage phi W-14 DNA to restriction endonucleases. Miller PB, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2559–68

The nucleotide sequence recognised by the Escherichia coli D type I restriction and modification enzyme. Nagaraja V, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):389–99

Type II restriction endonucleases cleave single-stranded DNAs in general. Nishigaki K, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5747–60

RsrII—a novel restriction endonuclease with a heptanucleotide recognition site. O'Connor CD, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6701–8

Synthesis of deoxyoligonucleotides containing 7-deazaadenine: recognition and cleavage by restriction endonuclease Bgl II and Sau 3AI (nucleosides and nucleotides Part 55). Ono A, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):8939–49

Restriction and modification enzymes and their recognition sequences. Roberts RJ. **Nucleic Acids Res** 1985;13 Suppl:r165–200

BamHI RFLP linked to the human urokinase gene. Sebastio G, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5404

Optimizing selection of restriction enzymes in the search for DNA variants. Wijsman EM. **Nucleic Acids Res** 1984 Dec 11;12(23):9209–26

HhaI methylase and restriction endonuclease as probes for B to Z DNA conformational changes in d(GCGC) sequences. Zacharias W, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7677–92

Efficient formation of a crosslinkable HMT monoadduct at the Kpn I recognition site. Gamper H, et al. **Photochem Photobiol** 1984 Jul;40(1):29–34

Restriction endonucleases can be used to study B–Z junctions in supercoiled DNA. Azorin F, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5714–8

Genetic recombination can generate altered restriction specificity. Fuller-Pace FV, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6095–9

[Inverted interconnected base sequences in the Alu, HindIII and KpnI structure of DNA repetitive sequences] Korotkov EV, et al. **Dokl Akad Nauk SSSR** 1985;280(6):1472–5 **(Rus)**

[Factors of bacteriophage resistance to cellular nucleases in phagotherapy of microbial infections] Nikol'skaia II, et al. **Vestn Akad Med Nauk SSSR** 1984;(8):41–8 (Eng. Abstr.) **(Rus)**

[Modification of the modification-restriction system in staphylococci] Kvachadze LI, et al. **Vopr Med Khim** 1985 Jan–Feb;31(1):121–5 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

The banding pattern produced by restriction endonucleases in mouse chromosomes. Mezzanotte R, et al. **Basic Appl Histochem** 1985;29(2):115–20

The action of ultraviolet light on the patterns of banding induced by restriction endonucleases in human chromosomes. Bianchi NO, et al. **Chromosoma** 1984;90(2):133–8

Molecular mechanisms involved in the production of chromosomal aberrations. III. Restriction endonucleases. Natarajan AT, et al. **Chromosoma** 1984;90(2):120–7

Characterization of a second Epstein-Barr virus-determined nuclear antigen associated with the BamHI WYH region of EBV DNA. Dillner J, et al. **Int J Cancer** 1985 Mar 15;35(3):359–66

Restriction endonuclease DNA analysis of Leptospira interrogans serovars icterohaemorrhagiae and hebdomadis. Marshall RB, et al. **J Clin Microbiol** 1984 Oct;20(4):808–10

Induction of sister-chromatid exchanges by restriction endonucleases. Natarajan AT, et al. **Mutat Res** 1985 Sep;144(1):33–9

Endonuclease analysis of viral DNA from varicella and subsequent zoster infections in the same patient. Straus SE, et al. **N Engl J Med** 1984 Nov 22;311(21):1362–4

[Restriction map of the genetic transfer factor pAP42] Perera R, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):61–3 (Eng. Abstr.) **(Rus)**

[Construction of complete libraries of DNA EcoRI-fragments of human herpes simplex viruses types 1 and 2] Zhidkova NI, et al. **Dokl Akad Nauk SSSR** 1984;277(3):710–2 **(Rus)**

[Species specificity of the cleavage of Leishmania kinetoplast DNA by restrictases] Kolesnikov AA, et al. **Med Parazitol (Mosk)** 1984 Jul–Aug;(4):37–41 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

[Strategies for the detection of DNA polymorphism in human populations] Bastié-Sigeac F, et al. **Rev Fr Transfus Immunohematol** 1985 Feb;28(1):27–44 (Eng. Abstr.) **(Fre)**

TOXICITY

Chromosomal aberrations induced by restriction endonucleases. Obe G, et al. **Mutat Res** 1985 Jun–Jul;150(1–2):359–68

DNA, RIBOSOMAL

Shadowing of elongated helical molecules (myosin, tropomyosin, collagen, and DNA) yields regular molecule-dependent heavy metal grain patterns. Walzthöny D, et al. **Eur J Cell Biol** 1984 Nov;35(2):216–25

Site-specific phasing in the chromatin of the rDNA in Dictyostelium discoideum. Edwards CA, et al. **J Mol Biol** 1984 Nov 25;180(1):73–90

Regions in the ribosomal minichromosome of Physarum polycephalum are protected from restriction nucleases; protection is insensitive to high salt in the G phase and sensitive in the M phase of the cell cycle. Künzler P, et al. **J Mol Biol** 1984 Nov 15;179(4):651–66

Molecular analysis of the heterogeneity region of the human ribosomal spacer. La Volpe A, et al. **J Mol Biol** 1985 May 25;183(2):213–23

ANALYSIS

In situ hybridization: a routine method for parallel localization of DNA sequences and of their transcripts in consecutive paraffin sections with the use of 3H-labelled nick translated cloned DNA probes. Guelin M, et al. **Biol Cell** 1985;53(1):1–12

The relationships between ribosomal genes and fibrillar centers in thyroid cells cultivated in vitro. Vagner-Capodano AM, et al. **Biol Cell** 1984;51(1):11–22

Autonomously replicating sequences from the non transcribed spacers of Tetrahymena thermophila ribosomal DNA. Amin AA, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2647–59

Conserved arrangements of repeated DNA sequences in nontranscribed spacers of ciliate ribosomal RNA genes: evidence for molecular coevolution. Challoner PB, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2661–80

Spacer sequences downstream of the 28S RNA coding region are part of the mouse rDNA transcription unit. Grummt I, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2293–304

Presence of a limited number of essential nucleotides in the promoter region of mouse ribosomal RNA gene. Kishimoto T, et al. **Nucleic Acids Res** 1985 May 24;13(10):3515–32

Are there insertions in the ribosomal DNA of vertebrates? Lohmann K, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5145–55

BIOSYNTHESIS

The transcriptional activity of individual ribosomal DNA gene clusters is modulated by serum concentration. de Capoa A, et al. **J Cell Sci** 1985 Mar;74:21–35

Inheritance of extrachromosomal ribosomal DNA during the asexual life cycle of Dictyostelium discoideum: examination by use of DNA polymorphisms. Welker DL, et al. **Mol Cell Biol** 1985 Feb;5(2):273–80

GENETICS

A molecular basis for discrete size variation in human ribosomal DNA. Erickson JM, et al. **Am J Hum Genet** 1985 Mar;37(2):311–25

Functional intron+ and intron– rDNA in the same macronucleus of the ciliate Tetrahymena pigmentosa. Nielsen H, et al. **Biochim Biophys Acta** 1985 May 24;825(1):30–8

Molecular coevolution: DNA divergence and the maintenance of function. Dover GA, et al. **Cell** 1984 Oct;38(3):622–3

Cis-acting, recombination-stimulating activity in a fragment of the ribosomal DNA of S. cerevisiae. Keil RL, et al. **Cell** 1984 Dec;39(2 Pt 1):377–86

Different chromatin states of the intron- and type 1 intron+ rRNA genes of Calliphora erythrocephala. Beckingham K, et al. **Chromosoma** 1984;90(4):311–6

Equivalence of nucleolar organizer activity among primate species. Quirk S, et al. **Cytogenet Cell Genet** 1985;39(2):134–5

Intervening sequences in the ribosomal RNA genes of Ascaris lumbricoides: DNA sequences at junctions and genomic organization. Back E, et al. **EMBO J** 1984 Nov;3(11):2523–9

The ribosomal RNA genes of Tetrahymena: structure and function. Engberg J. **Eur J Cell Biol** 1985 Jan;36(1):133–51 (154 ref.)

Isolation and characterization of Chinese hamster ribosomal DNA clones. Wejksnora PJ. **Gene** 1985;33(3):285–92

Suppression of ribosomal RNA genes in Drosophila melanogaster. Kalumuck KE, et al. **Genet Res** 1984 Dec;44(3):351–7

Ring chromosomes and rDNA magnification in Drosophila. Endow SA, et al. **Genetics** 1984 Dec;108(4):969–83

A two-stage model for the control of rDNA magnification. Hawley RS, et al. **Genetics** 1985 Apr;109(4):691–700

Studies on ribosomal DNA in cetaceans (whales). Arnason U, et al. **Hereditas** 1984;101(2):149–54

Organization and nucleotide sequence analysis of an rRNA and tRNA gene cluster from Caulobacter crescentus. Feingold J, et al. **J Bacteriol** 1985 Jul;163(1):155–66

Phylogenetic analysis of the genera Thiobacillus and Thiomicrospira by 5S rRNA sequences. Lane DJ, et al. **J Bacteriol** 1985 Jul;163(1):75–81

Identification of multiple sites in the promoter region of the Tetrahymena pyriformis rRNA gene which bind the Escherichia coli catabolite regulatory protein. Niles EG. **J Biol Chem** 1985 Jan 10;260(1):672–8

The 5S ribosomal RNA gene clusters in Tetrahymena thermophila: strain differences, chromosomal localization, and loss during micronuclear ageing. Allen SL, et al. **MGG** 1984;197(2):244–53

Sequence of 5S ribosomal RNA gene regions and their products in the archaebacterium Halobacterium volcanii. Daniels CJ, et al. **MGG** 1985;198(2):270–4

Nucleotide sequence of the rrnB 16S ribosomal RNA gene from Mycoplasma capricolum. Iwami M, et al. **MGG** 1984;196(2):317–22

Cloning and characterization of the rDNA repeat unit of Podospora anserina. Labat N, et al. **MGG** 1985;199(1):154–7

Organization of the ribosomal ribonucleic acid genes in various wild-type strains and wild-collected strains of Neurospora. Russell PJ, et al. **MGG** 1984;196(2):275–82

Organization of ribosomal RNA genes in Mycoplasma capricolum. Sawada M, et al. **MGG** 1984;196(2):311–6

Evolution of yeast ribosomal DNA: molecular cloning of the rDNA units of Kluyveromyces lactis and Hansenula wingei and their comparison with the rDNA units of other Saccharomycetoideae. Verbeet MP, et al. **MGG** 1984;195(1–2):116–25

Replicon size of yeast ribosomal DNA. Walmsley RM, et al. **MGG** 1984;195(1–2):260–6

Gametocytogenesis and ribosomal rRNA gene organisation in the rodent malarias Plasmodium chabaudi and Plasmodium berghei. Cornelissen AW, et al. **Mol Biochem Parasitol** 1985 Feb;14(2):165–74

Organization of the ribosomal RNA genes in Schistosoma mansoni. van Keulen H, et al. **Mol Biochem Parasitol** 1985 May;15(2):215–30

Localization of specific rDNA spacer sequences to the mouse L-cell nucleolar matrix. Bolla RI, et al. **Mol Cell Biol** 1985 Jun;5(6):1287–94

The absence of a human-specific ribosomal DNA transcription factor leads to nucleolar dominance in mouse greater than human hybrid cells. Miesfeld R, et al. **Mol Cell Biol** 1984 Jul;4(7):1306–12

A complex control region of the mouse rRNA gene directs accurate initiation by RNA polymerase I. Miller KG, et al. **Mol Cell Biol** 1985 Mar;5(3):554–62

Gene amplification in Tetrahymena thermophila: formation of extrachromosomal palindromic genes coding for rRNA. Yao MC, et al. **Mol Cell Biol** 1985 Jun;5(6):1260–7

A new copia-like transposable element found in a Drosophila rDNA gene unit. Bell JR, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3861–71

Site specific insertion of a type I rDNA element into a unique sequence in the Drosophila melanogaster genome. Browne MJ, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):9111–22

Introns and their flanking sequences of Bombyx mori rDNA. Fujiwara H, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6861–9

Correlation between suppressed meiotic recombination and the lack of DNA strand-breaks in the rRNA genes of Saccharomyces cerevisiae. Høgset A, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7199–213

The linear extrachromosomal DNA of Physarum polycephalum replicates and is maintained under non-selective conditions in two different lower eukaryotes. Künzler P. **Nucleic Acids Res** 1985 Mar 25;13(6):1855–69

Characterization of a factor that can prevent random transcription of cloned rDNA and its probable relationship to poly(ADP-ribose) polymerase. Kurl RN, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):89–101

In vitro evidence that eukaryotic ribosomal RNA transcription is regulated by modification of RNA polymerase I. Paule MR, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8161–80

Changes in chromatin structure accompany modulation of the rate of transcription of 5S ribosomal genes in Tetrahymena. Pederson DS, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8489–507

rDNA in Locusta migratoria is very variable: two introns and extensive restriction site polymorphisms in the spacer. Schäfer M, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1251–66

Transcriptionally active and inactive gene repeats within the D. melanogaster 5S RNA gene cluster. Sharp S, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7617–32

Erythromycin and spiramycin resistance mutations of yeast mitochondria: nature of the rib2 locus in the large ribosomal RNA gene. Sor F, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8313–8

Cotranscription and processing of 23S, 4.5S and 5S rRNA in chloroplasts from Zea mays. Strittmatter G, et al.

NEWARK PUBLIC LIBRARY

Nucleic Acids Res 1984 Oct 25;12(20):7633–47

Hormonal regulation of transcription of rDNA: use of nucleoside thiotriphosphates to measure initiation in isolated nuclei. Zhang ZY, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8115–28

Structural and functional analysis of Escherichia coli ribosomes containing small deletions around position 1760 in the 23S ribosomal RNA. Zweib C, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7135–52

A rapid single-stranded cloning strategy for producing a sequential series of overlapping clones for use in DNA sequencing: application to sequencing the corn mitochondrial 18 S rDNA. Dale RM, et al. **Plasmid** 1985 Jan;13(1):31–40

A stochastic mechanism controls the relative replication of equally competent ribosomal RNA gene sets in individual dipteran polyploid nuclei. Belikoff EJ, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5045–9

A drug-resistant mutation in the ribosomal DNA of Tetrahymena. Bruns PJ, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2844–6

Antitermination by both the promoter and the leader regions of an Escherichia coli ribosomal RNA operon. Holben WE, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5073–7

Ribosomal DNA spacer-length polymorphisms in barley: mendelian inheritance, chromosomal location, and population dynamics. Saghai-Maroof MA, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):8014–8

[Chromatin structure of ribosomal genes of Drosophila melanogaster. Random location of nucleosomes in DNA and characteristics of organization of non-transcribed spacer] Kolchinskii AM, et al. **Mol Biol (Mosk)** 1984 Jul–Aug;18(4):1141–50 (Eng. Abstr.) (Rus)

ISOLATION & PURIFICATION

Strain-dependent variation in ribosomal DNA arrangement in Absidia glauca. Wöstemeyer J. **Eur J Biochem** 1985 Jan 15;146(2):443–8

METABOLISM

Quantitative and qualitative characterization of aflatoxin B1 adducts formed in vivo within the ribosomal RNA genes of rat liver DNA. Irvin TR, et al. **Cancer Res** 1985 Aug;45(8):3497–502

Eukaryotic type I topoisomerase is enriched in the nucleolus and catalytically active on ribosomal DNA. Muller MT, et al. **EMBO J** 1985 May;4(5):1237–43

Conservation of major nuclease S1-sensitive sites in the non-conserved spacer region of ribosomal DNA in Drosophila species. Franz G, et al. **J Mol Biol** 1985 Jun 25;183(4):519–27

Hormonal regulation of transcription of rDNA: glucocorticoid effects upon initiation and elongation in vitro. Cavanaugh AH, et al. **Nucleic Acids Res** 1985 May 10;13(9):3357–69

In vivo transcription of rDNA spacers in Drosophila. Murtif VL, et al. **Nucleic Acids Res** 1985 May 10;13(9):3221–39

DNA, SATELLITE

Supernumerary microchromosomes identified as inverted duplications of chromosome 15: a report of three cases. Wisniewski LP, et al. **Hum Genet** 1985;69(2):161–3

Continuous reorganization leads to extensive polymorphism in a monkey centromeric satellite. Maresca A, et al. **J Mol Biol** 1984 Nov 15;179(4):629–49

Recent amplification of an alpha satellite DNA in humans. Gray KM, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):521–35

[The association of satellites of human acrocentric chromosomes and Ag staining of nucleolar organizers] Balíček P, et al. **Cas Lek Cesk** 1984 Dec 28;123(52):1599–603 (Eng. Abstr.) (Cze)

ANALYSIS

The muntjak satellite IA sequence is composed of 31-base-pair internal repeats that are highly homologous to the 31-base-pair subrepeats of the bovine satellite 1.715. Bogenberger JM, et al. **Eur J Biochem** 1985 Apr 1;148(1):55–9

Sequences of three closely related variants of a complex satellite DNA diverge at specific domains. Fowler RF, et al. **J Biol Chem** 1985 Jul 25;260(15):8964–72

Individual-specific 'fingerprints' of human DNA. Jeffreys AJ, et al. **Nature** 1985 Jul 4–10;316(6023):76–9

Characterization of cloned human alphoid satellite with an unusual monomeric construction: evidence for enrichment in HeLa small polydisperse circular DNA. Jones RS, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):1027–42

Chromosome-specific alpha satellite DNA: nucleotide sequence analysis of the 2.0 kilobasepair repeat from the human X chromosome. Waye JS, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2731–43

Nucleotide sequence of bovine 1.723 satellite DNA. Plucienniczak G, et al. **Z Naturforsch [C]** 1985 Mar–Apr;40(3–4):242–6

GENETICS

Chromosome-specific organization of human alpha satellite DNA. Willard HF. **Am J Hum Genet** 1985 May;37(3):524–32

Centromeric satellite DNA in the newt Triturus cristatus karelinii and related species: its distribution and transcription on lampbrush chromosomes. Baldwin L, et al. **Chromosoma** 1985;92(2):100–7

The organization of two related subfamilies of a human tandemly repeated DNA is chromosome specific. Jeanpierre M, et al. **Hum Genet** 1985;70(4):302–10

DNA sequences and chromosome structure. Southern EM. **J Cell Sci [Suppl]** 1984;1:31–41 (40 ref.)

Hypervariable 'minisatellite' regions in human DNA. Jeffreys AJ, et al. **Nature** 1985 Mar 7–13;314(6006):67–73

Competition between Xenopus satellite I sequences and Pol III genes for stable transcription complex formation. Andrews DL, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7753–69

ISOLATION & PURIFICATION

Pattern of undermethylation of the major satellite DNA of mouse sperm. Feinstein SI, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3969–78

METABOLISM

Strand specific transcription of satellite DNA I in rat ascites hepatoma cells. Miyahara M, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):897–903

High-affinity microtubule protein-higher organism DNA complexes. Many-fold enrichment in repetitive mouse DNA sequences comprised of satellite DNAs. Marx KA, et al. **Biochim Biophys Acta** 1984 Dec 14;783(3):283–92

Reconstitution experiments show that sequence-specific histone-DNA interactions are the basis for nucleosome phasing on mouse satellite DNA. Linxweiler W, et al. **Cell** 1985 Aug;42(1):281–90

PHYSIOLOGY

Chromosome segregation, kinetochores and DNA-microtubule interaction: a preferential satellite DNA-MAP interaction may be conserved in evolution. Marx KA, et al. **Prog Clin Biol Res** 1985;172B:65–75

DNA, SINGLE-STRANDED

Effect of 1-beta-D-arabinofuranosyl cytosine and hydroxyurea on the repair of X-ray-induced DNA single-strand breaks in human leukemic blasts. Fram RJ, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2557–60

Induction of DNA single- and double-strand breaks by diethylstilbestrol in murine L5178Y lymphoblasts in vitro. Goldenberg GJ, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):771–6

The binding of actinomycin D and Adriamycin to supercoiled DNA, single-stranded DNA and polynucleotides. Simpkins H, et al. **Biochim Biophys Acta** 1984 Dec 14;783(3):293–300

Oxygen toxicity in Treponema pallidum: deoxyribonucleic acid single-stranded breakage induced by low doses of hydrogen peroxide. Steiner BM, et al. **Can J Microbiol** 1984 Dec;30(12):1467–76

Association of DNA strand breaks with accelerated terminal differentiation in mouse epidermal cells exposed to tumor promoters. Hartley JA, et al. **Cancer Res** 1985 Oct;45(10):4864–70

Effects of temperature and single-stranded DNA on the interaction of an RNA polymerase III transcription factor with a tRNA gene. Stillman DJ, et al. **Cell** 1985 Feb;40(2):311–7

DNA damage and repair in epithelial (mucous) cells and crypt cells from isolated colon. Kulkarni MS, et al. **Chem Biol Interact** 1985 Jan;52(3):311–8

Single-strand breaks in DNA of hamster and human cells exposed to methyl methanesulfonate and ultraviolet light. Park SD, et al. **Chem Biol Interact** 1985 Jan;52(3):255–63

Folding of single-stranded DNA on the histone octamer. Caffarelli E, et al. **FEBS Lett** 1985 Feb 11;181(1):69–73

Hydrodynamic studies of a DNA-protein complex. Dimensions of the complex of single-stranded 145 base DNA with gene 32 protein of phage T4 deduced from quasi-elastic light scattering. Scheerhagen MA, et al. **FEBS Lett** 1985 May 20;184(2):221–5

Perturbed gamma-gamma angular correlation studies of 111In bound to double and single stranded DNA. Kalfas CA, et al. **Int J Appl Radiat Isot** 1984 Sep;35(9):889–93

Nucleotide sequence of the cohesive single-stranded ends of Bacillus subtilis temperate bacteriophage phi 105. Ellis DM, et al. **J Virol** 1985 Aug;55(2):513–5

Diagnostic medicine gains from DNA probes [news] Simmons K. **JAMA** 1985 Jan 4;253(1):16–8

Changes in endogenous DNA damage in aging mice in response to butylated hydroxyanisole and oltipraz. Lawson T, et al. **Mech Ageing Dev** 1985 May 13;30(2):179–85

Quantitative hybridization-arrest of mRNA in Xenopus oocytes using single-stranded complementary DNA or oligonucleotide probes. Kawasaki ES. **Nucleic Acids Res** 1985 Jul 11;13(13):4991–5004

Type II restriction endonucleases cleave single-stranded DNAs in general. Nishigaki K, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5747–60

Nonenzymatic sequence-specific cleavage of single-stranded DNA. Chu BC, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):963–7

Sequence-specific cleavage of single-stranded DNA: oligodeoxynucleotide-EDTA X Fe(II). Dreyer GB, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):968–72

Mammalian cells are not killed by DNA single-strand breaks caused by hydroxyl radicals from hydrogen peroxide. Ward JF, et al. **Radiat Res** 1985 Sep;103(3):383–92

ANALYSIS

Differentiation of apurinic/apyrimidinic sites and single-strand breaks in DNA by formamide- and alkaline-sucrose gradient sedimentation. Ross J, et al. **Anal Biochem** 1985 Jan;144(1):212–7

An in vivo-in vitro alkaline DNA unwinding assay for hepatic DNA damage: comparison with the alkaline sucrose gradient centrifugation technique. Storer RD, et al. **Anal Biochem** 1984 Nov 1;142(2):351–9

Quantitative measurement of single- and double-strand breakage of DNA in Escherichia coli by the antitumor antibiotics bleomycin and talisomycin. Mirabelli CK, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):460–7

Dose-dependent persistence of alkylation-induced single stranded regions in rat liver DNA in vivo. Stewart BW, et al. **Cancer Lett** 1985 Aug;28(1):27–33

Cleavage of phosphorothioate-substituted DNA by restriction endonucleases. Potter BV, et al. **J Biol Chem** 1984 Nov 25;259(22):14243–8

Identification of an enveloped phage, mycoplasma virus L172, that contains a 14-kilobase single-stranded DNA genome. Dybvig K, et al. **J Virol** 1985 Feb;53(2):384–90

[Determination of the structural integrity of DNA from pathogenic enterobacteria] Tets VV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):20–3 (Eng. Abstr.) (Rus)

BIOSYNTHESIS

DNA replication of single-stranded Escherichia coli DNA phages. Baas PD. **Biochim Biophys Acta** 1985 Jun 24;825(2):111–39 (170 ref.)

CHEMICAL SYNTHESIS

Synthesis of single-stranded hybridization probes from reusable DNA templates bound to solid support. Ashley PL, et al. **Anal Biochem** 1984 Jul;140(1):95–103

GENETICS

Intermediates in homologous pairing promoted by RecA protein and correlations of recombination in vitro and in vivo. Flory SS, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:513–23

Oligonucleotide-directed mutagenesis: a simple method using two oligonucleotide primers and a single-stranded DNA template. Zoller MJ, et al. **DNA** 1984 Dec;3(6):479–88

High-sensitivity S1 mapping with single-stranded [32P]DNA probes synthesized from bacteriophage M13mp templates. Burke JF. **Gene** 1984 Oct;30(1–3):63–8

Visualisation of messenger RNA directing peptide synthesis by in situ hybridisation using a novel single-stranded cDNA probe. Potential for the investigation of gene expression and endocrine cell activity. Varndell IM, et al. **Histochemistry** 1984;81(6):597–601

Minimal size plasmids containing an M13 origin for production of single-strand transducing particles. Levinson A, et al. **J Mol Appl Genet** 1984;2(6):507–17

Nucleotide sequence and genetic organization of the genome of the N-specific filamentous bacteriophage IKe. Comparison with the genome of the F-specific filamentous phages M13, fd and f1. Peeters BP, et al. **J Mol Biol** 1985 Jan 5;181(1):27–39

Nucleotide sequence of the genome of Pf3, an IncP-1 plasmid-specific filamentous bacteriophage of Pseudomonas aeruginosa. Luiten RG, et al. **J Virol** 1985 Oct;56(1):268–76

Transfection of REP- mycoplasmas with viral single-stranded DNA. Sladek TL, et al. **J Virol** 1985 Jan;53(1):25–31

Influence of Neurospora endonuclease on trenimon-induced structural chromosomal aberrations and sister-chromatid exchanges in human peripheral lymphocytes and Chinese hamster ovary cells. Nowak C, et al. **Mutat Res** 1985 May;149(3):469–74

Mutagenesis at putative apurinic sites in alkylated single-stranded DNA of parvovirus H-1 propagated in human cells. Su ZZ, et al. **Mutat Res** 1985 Mar;149(1):1-

A rapid single-stranded cloning strategy for producing a sequential series of overlapping clones for use in DNA sequencing: application to sequencing the corn mitochondrial 18 S rDNA. Dale RM, et al. **Plasmid** 1985 Jan;13(1):31–40

Isolation and visualization of active presynaptic filaments of recA protein and single-stranded DNA. Flory J, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7026–30

Initiation of DNA replication on single-stranded DNA templates catalyzed by purified replication proteins of bacteriophage lambda and Escherichia coli. LeBowitz JH, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):3988–92

Sequence context effects in DNA replication blocks induced by aflatoxin B1. Refolo LM, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3096–100

[Appearance of single-stranded regions in DNA molecules in the G1 stage and the formation od structural mutations] Kondrashova TV, et al. **Genetika** 1985 Apr;21(4):517–21 (Eng. Abstr.) (Rus)

IMMUNOLOGY

High titers of antibodies to single-stranded DNA in linear scleroderma. Falanga V, et al. **Arch Dermatol** 1985 Mar; 121(3):345-7

Pathogenesis of lupus dermatoses in autoimmune mice. IV. Association between cutaneous immunoglobulin deposition and anti-single-stranded DNA antibodies in sera. Furukawa F, et al. **Arch Dermatol Res** 1985;277(2):79-83

Effects of single-stranded DNA on circulating immune complexes in SLE sera detected by C1q solid-phase assay. Furukawa F, et al. **Arch Dermatol Res** 1985;277(1):71-4

MRL/Mp-lpr/lpr mouse derived monoclonal antibodies that recognise determinants shared by poly (ADP-ribose), single stranded DNA and left handed Z-DNA. Kanai Y, et al. **Clin Exp Immunol** 1985 Jan;59(1):139-45

IgA containing circulating immune complexes and IgA anti-single stranded DNA antibodies in patients with obstructive jaundice. Ohshio G, et al. **Clin Exp Immunol** 1985 Feb;59(2):435-41

Anti-DNA antibodies in blood serum of psoriatic patients. Zlatkov NB, et al. **Dermatologica** 1984;169(3):121-4

A method for binding specificity analysis of anti-DNA autoantibodies in SLE. Impraim CC, et al. **J Immunol Methods** 1985 Apr 22;78(2):191-8

Single stranded DNA binding antibodies in patients with obstructive jaundice. Ohshio G, et al. **Jpn J Surg** 1985 Mar; 15(2):118-22

Different mode of circulating immune complexes and anti-ssDNA antibodies in sera of lepromatous leprosy and systemic lupus erythematosus. Furukawa F, et al. **Lepr Rev** 1984 Sep;55(3):291-9

Antibodies against ss-DNA in persons of various age. Kasjanov A, et al. **Mech Ageing Dev** 1984 Dec; 28(2-3):289-95

Crystallographic characterization of the Fab fragment of a monoclonal anti-ss-DNA antibody. Gibson AL, et al. **Mol Immunol** 1985 Apr;22(4):499-502

Abnormal anti-single stranded (ss) DNA activity in sera from Plasmodium falciparum infected individuals. Ribeiro CT, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):742-6

Antibodies to dsDNA and ssDNA in the immunoglobulin classes IgG and IgM: prognostic value in the course of SLE. Krippner H, et al. **Z Rheumatol** 1984 Sep-Oct; 43(5):265-71

[Avidity of single-stranded DNA antibodies and its importance for the pathogenesis of autoimmune diseases] Böhm F, et al. **Dermatol Monatsschr** 1985;171(5):312-8 (Eng. Abstr.) **(Ger)**

ISOLATION & PURIFICATION

Strand separation of DNA fragments and their isolation from nondenaturing polyacrylamide gels. James R, et al. **Anal Biochem** 1984 Aug 1;140(2):456-8

Formation of single-stranded regions in the course of digestion of DNA with DNAase II and micrococcal nuclease. Galcheva-Gargova Z, et al. **Arch Biochem Biophys** 1985 Jul;240(1):464-9

Function and structure of microvirid phage alpha 3 genome. II. Isolation and properties of various mutants of alpha 3. Kodaira K, et al. **Biochim Biophys Acta** 1984 Nov 22; 783(2):171-8

The precursor complex of Pf3 bacteriophage. Casadevall A, et al. **Virology** 1985 Sep;145(2):260-72

METABOLISM

Kinetics and mechanism of dissociation of cooperatively bound T4 gene 32 protein-single-stranded nucleic acid complexes. 1. Irreversible dissociation induced by sodium chloride concentration jumps. Lohman TM. **Biochemistry** 1984 Sep 25;23(20):4656-65

Light scattering studies of the recA protein of Escherichia coli: relationship between free recA filaments and the recA X ssDNA complex. Morrical SW, et al. **Biochemistry** 1985 Jan 29;24(3):760-7

Networks of DNA and RecA protein are intermediates in homologous pairing. Tsang SS, et al. **Biochemistry** 1985 Jun 18;24(13):3226-32

DNA single-strand breaks by nitropyrenes and related compounds in Chinese hamster V79 cells. Saito K, et al. **Cancer Lett** 1984 Sep;24(2):121-7

Induction of single-strand breaks in DNA of mice after inhalation of vinyl chloride. Walles SA, et al. **Cancer Lett** 1984 Nov;25(1):13-8

Histochemical detection of DNA strand scissions in mammalian cells by in situ nick translation. Iseki S, et al. **Cell Biol Int Rep** 1985 May;9(5):471-7

Photoaddition of chlorpromazine to DNA. Kochevar IE, et al. **Chem Biol Interact** 1984 Oct;51(3):273-84

Visualization of SSB-ssDNA complexes active in the assembly of stable RecA-DNA filaments. Griffith JD, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:553-9

DNA regions associated with the nuclear matrix of Ehrlich ascites cells expose single-stranded sites after deproteinization. Probst H, et al. **Eur J Biochem** 1985 Jan 2;146(1):167-71

Binding of ssDNA-antibody complexes to thioglycollate-induced mouse peritoneal macrophages in the presence of serum. Weliky N, et al. **Int Arch Allergy Appl Immunol** 1985;76(4):373-5

Conjugative plasmids of enteric bacteria from many different incompatibility groups have similar genes for single-stranded DNA-binding proteins. Golub EI, et al. **J Bacteriol** 1985 Apr;162(1):235-41

Interaction of the recA protein of Escherichia coli with single-stranded DNA. Bryant FR, et al. **J Biol Chem** 1985 Jan 25;260(2):1196-202

The uvsX protein of bacteriophage T4 arranges single-stranded and double-stranded DNA into similar helical nucleoprotein filaments. Griffith J, et al. **J Biol Chem** 1985 Apr 10;260(7):4484-91

Hysteretic regulation of Ustilago rec1 protein during synapsis. Kmiec EB, et al. **J Biol Chem** 1984 Nov 25; 259(22):13684-9

Two binding modes in Escherichia coli single strand binding protein-single stranded DNA complexes. Modulation by NaCl concentration. Lohman TM, et al. **J Biol Chem** 1985 Mar 25;260(6):3594-603

Nucleotide-dependent binding of the gene 4 protein of bacteriophage T7 to single-stranded DNA. Matson SW, et al. **J Biol Chem** 1985 Feb 25;260(4):2281-7

An endonuclease specific for single-stranded DNA selectively damages the genomic DNA and induces the SOS response. Panayotatos N, et al. **J Biol Chem** 1985 Mar 10;260(5):3173-7

The formation of plectonemic joints by the recA protein of Escherichia coli. Requirement for ATP hydrolysis. Riddles PW, et al. **J Biol Chem** 1985 Jan 10;260(1):170-3

The formation of paranemic and plectonemic joints between DNA molecules by the recA and single-stranded DNA-binding proteins of Escherichia coli. Riddles PW, et al. **J Biol Chem** 1985 Jan 10;260(1):165-9

recA protein-promoted DNA strand exchange. Effect of ionic strength. Soltis DA, et al. **J Biol Chem** 1984 Oct 10; 259(19):12020-4

Breakage of single-stranded DNA by eukaryotic type 1 topoisomerase occurs only at regions with the potential for base-pairing. Been MD, et al. **J Mol Biol** 1984 Dec 15;180(3):515-31

Interaction of recA protein with single-stranded DNA. Quantitative aspects of binding affinity modulation by nucleotide cofactors. Menetski JP, et al. **J Mol Biol** 1985 Jan 20;181(2):281-95

Bacteriophage phi X174 A protein cleaves single-stranded DNA and binds to it covalently through a tyrosyl-dAMP phosphodiester bond. Sanhueza S, et al. **J Virol** 1985 Feb; 53(2):695-7

Repair of indirectly induced DNA damage in human skin fibroblasts treated with N-hydroxy-2-naphthylamine. Kaneko M, et al. **Mutat Res** 1985 Jul;143(3):103-8

Characterization of a mitochondrial protein binding to single-stranded DNA. Mignotte B, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1703-16

Unwinding of DNA by nonhistone protein HMG1 and HMG2. Yoshida M, et al. **Nucleic Acids Symp Ser** 1984; (15):181-4

Amino acid sequence of the UP1 calf thymus helix-destabilizing protein and its homology to an analogous protein from mouse myeloma. Williams KR, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5666-70

The Epstein-Barr virus nuclear antigen (BamHI K antigen) is a single-stranded DNA binding phosphoprotein. Hearing JC, et al. **Virology** 1985 Aug;145(1):105-16

[Structural-functional analysis of single -stranded particles of rat liver DNA] Vasil'ev VK. **Vopr Med Khim** 1984 Jul-Aug;30(4):118-21 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Adriamycin does not affect the repair of X-ray induced DNA single strand breaks. Cantoni O, et al. **Cancer Lett** 1985 Jun;27(2):215-9

Gamma-rays inactivate phi X174 DNA in frozen anoxic solutions at -20 degrees C mainly by reactions of dry electrons. Woldhuis J, et al. **Int J Radiat Biol** 1984 Oct; 46(4):329-30

Termination sites of the in vitro DNA synthesis on single-stranded DNA photosensitized by promazines. Merville MP, et al. **J Biol Chem** 1984 Dec 25; 259(24):15069-77

X-ray sensitive mutants of Chinese hamster ovary cells defective in double-strand break rejoining. Kemp LM, et al. **Mutat Res** 1984 Nov-Dec;132(5-6):189-96

Repair of DNA single-strand breaks in X-irradiated yeast. II. Kinetics of repair as measured by the DNA-unwinding method. Ogorek B, et al. **Mutat Res** 1985 Jul;146(1):63-70

Repair of DNA single-strand breaks in X-irradiated yeast. I. Use of the DNA-unwinding method to measure DNA strand breaks. Ogorek B, et al. **Mutat Res** 1985 Jul; 146(1):55-61

[Structure of DNA from the rat thymus during prolonged exposure to tritium oxide and external gamma-irradiation] Rusinova GG, et al. **Med Radiol (Mosk)** 1985 Jul; 30(7):58-62 (Eng. Abstr.) **(Rus)**

[The rate factor in DNA sedimentation studies] Tronov VA, et al. **Radiobiologiia** 1985 Mar-Apr;25(2):159-64 (Eng. Abstr.) **(Rus)**

[Occurrence and elimination of single- and double-stranded DNA breaks in the fibroblasts of xeroderma pigmentosum patients exposed to gamma radiation] Mikhel'son VM, et al. **Tsitologiia** 1985 May;27(5):592-8 (Eng. Abstr.) **(Rus)**

[Isoproterenol stimulation of the repair of single-stranded DNA breaks in Chinese hamster cells induced by gamma irradiation] Vikhanskaia FL, et al. **Tsitologiia** 1985 Feb; 27(2):233-6 (Eng. Abstr.) **(Rus)**

DNA, SUPERCOILED see DNA, SUPERHELICAL

DNA, SUPERHELICAL

Theoretical analysis of conformational equilibria in superhelical DNA. Benham CJ. **Annu Rev Biophys Biophys Chem** 1985;14:23-45 (105 ref.)

The binding of actinomycin D and Adriamycin to supercoiled DNA, single-stranded DNA and polynucleotides. Simpkins H, et al. **Biochim Biophys Acta** 1984 Dec 14;783(3):293-300

A single apurinic site can elicit BAL 31 nuclease-catalyzed cleavage in duplex DNA. Wei CF, et al. **Biochim Biophys Acta** 1984 Sep 10;782(4):408-14

Evidence for an interwound form for the superhelix in circular DNA. Brady GW, et al. **Biopolymers** 1984 Dec; 23(12):2963-6

Deformational dynamics and NMR relaxation of supercoiled DNAs. Langowski J, et al. **Biopolymers** 1985 Jun; 24(6):1023-56

Computer simulation of DNA supercoiling in a simple elastomechanical approximation. Selepová P, et al. **Biopolymers** 1985 May;24(5):867-82

Influence of supercoiling on DNA structure: laser Raman spectroscopy of the plasmid pBR322. Vasmel H. **Biopolymers** 1985 Jun;24(6):1001-8

Sequence analysis of a PM2-DNA anti-Z-IgG-binding region. Miller FD, et al. **Biosci Rep** 1984 Oct;4(10):885-95

Interactions of benzo(a)pyrene diol-epoxides with linear and supercoiled DNA. MacLeod MC, et al. **Cancer Res** 1985 Jan;45(1):51-6

Fluorescence studies of Hoechst 33342 with supercoiled and relaxed plasmid pBR322 DNA. Sandhu LC, et al. **Cytometry** 1985 May;6(3):191-4

Involvement of DNA superhelicity in minichromosome maintenance in Escherichia coli. Leonard AC, et al. **J Bacteriol** 1985 Feb;161(2):687-95

DNA supercoiling and its effects on the structure of DNA. Wang JC. **J Cell Sci [Suppl]** 1984;1:21-9 (41 ref.)

Thermodynamics of the ColE1 cruciform. Comparisons between probing and topological experiments using single topoisomers. Lilley DM, et al. **J Mol Biol** 1984 Nov 25; 180(1):179-200

DNase I and nuclease S1 sensitivity of the rabbit beta 1 globin gene in nuclei and in supercoiled plasmids. Margot JB, et al. **J Mol Biol** 1985 Jul 20;184(2):195-210

ATP-dependent DNA topoisomerase from the archaebacterium Sulfolobus acidocaldarius. Relaxation of supercoiled DNA at high temperature. Mirambeau G, et al. **J Mol Biol** 1984 Nov 5;179(3):559-63

Triple rings: a new type of compact structure of circular DNA. Vengerov YY, et al. **J Mol Biol** 1985 Jul 20; 184(2):251-5

Structure of the nucleosome core particle at 7 A resolution. Richmond TJ, et al. **Nature** 1984 Oct 11-17; 311(5986):532-7

Possible structures of homopurine-homopyrimidine S1-hypersensitive sites. Cantor CR, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8059-72

Changes in site specificity of single-strand-specific endonucleases on supercoiled PM2 DNA with temperature and ionic environment. Kowalski D. **Nucleic Acids Res** 1984 Sep 25;12(18):7071-86

Temperature dependence of the gel electrophoretic mobility of superhelical DNA. Lee FS, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1665-82

Melting transition of covalently closed DNA with supercoil-induced cruciforms. Majumdar R, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5883-93

Mung bean nuclease cleavage of a dA + dT-rich sequence or an inverted repeat sequence in supercoiled PM2 DNA depends on ionic environment. Sheflin LG, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7087-104

Regulation of the Escherichia coli DNA topoisomerase I gene by DNA supercoiling. Tse-Dinh YC. **Nucleic Acids Res** 1985 Jul 11;13(13):4751-63

Restriction endonucleases can be used to study B-Z junctions in supercoiled DNA. Azorin F, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5714-8

Rapid 'footprinting' on supercoiled DNA. Gralla JD. **Proc Natl Acad Sci USA** 1985 May;82(10):3078-81

Torsional properties of DNA in chromatin. Cantor CR, et al. **Prog Clin Biol Res** 1985;172A:3-18

[Formation of noncanonical structures in superhelical DNA. Mutual effects of various transitions] Vologodskiĭ AV. **Mol Biol (Mosk)** 1985 May-Jun;19(3):687-92 (Eng. Abstr.) **(Rus)**

ANALYSIS

Electron microscopy can be used to measure DNA supertwisting. Sperrazza JM, et al. **Gene** 1984 Nov; 31(1-3):17-22

S1-sensitive sites in the supercoiled double-stranded form of tomato golden mosaic virus DNA component B: identification of regions of potential alternative secondary structure and regulatory function. Sunter G, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4645-59

[The nature of a covalent bond between the relaxation protein and ColE1-DNA in the relaxation complex] Zhuklis KL, et al. **Bioorg Khim** 1984 Apr;10(4):567-9 (Eng. Abstr.) **(Rus)**

[Various novel properties of transcriptionally active mini-chromosomes of the SV40 virus] Luchnik AN, et al.

Mol Biol (Mosk) 1985 Jan-Feb;19(1):75-86 (Eng. Abstr.) (Rus)

GENETICS

Relationship between the organization of DNA loop domains and of replicons in the eukaryotic genome. Marilley M, et al. **Adv Exp Med Biol** 1984;179:163-8

DNA topoisomerases. Wang JC. **Annu Rev Biochem** 1985; 54:665-97 (313 ref.)

Transcriptional block caused by a negative supercoiling induced structural change in an alternating CG sequence. Peck LJ, et al. **Cell** 1985 Jan;40(1):129-37

Resolution of Holliday structures by endonuclease VII as observed in interactions with cruciform DNA. Kemper B, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:815-25

Lambda integrative recombination: supercoiling, synapsis, and strand exchange. Kitts P, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:735-44

Supercoil sequencing: a fast and simple method for sequencing plasmid DNA. Chen EY, et al. **DNA** 1985 Apr; 4(2):165-70

Negative supercoiling induces spontaneous unwinding of a bacterial promoter. Drew HR, et al. **EMBO J** 1985 Apr; 4(4):1025-32

Supercoiling response of a bacterial tRNA gene. Lamond AI. **EMBO J** 1985 Feb;4(2):501-7

In vitro transcription initiation from three different Escherichia coli promoters. Effect of supercoiling. Ehrlich R, et al. **Eur J Biochem** 1985 Apr 15;148(2):293-8

Activation of in vitro transcription and topology of closed DNA domains. Di Mauro E, et al. **J Biol Chem** 1985 Jan 10;260(1):152-9

B-Z DNA junctions contain few, if any, nonpaired bases at physiological superhelical densities. Kang DS, et al. **J Biol Chem** 1985 Jun 25;260(12):7783-90

Phage P1 Cre-loxP site-specific recombination. Effects of DNA supercoiling on catenation and knotting of recombinant products. Abremski K, et al. **J Mol Biol** 1985 Jul 20;184(2):211-20

Activation and inhibition of transcription by supercoiling. Brahms JG, et al. **J Mol Biol** 1985 Feb 20;181(4):455-65

Supercoil-dependent features of DNA structure at Drosophila locus 67B1. Selleck SB, et al. **J Mol Biol** 1984 Sep 5;178(1):17-33

Native supercoiling of DNA: the effects of DNA gyrase and omega protein in E. coli. Mirkin SM, et al. **MGG** 1984; 196(3):508-12

Effect of superhelicity on the transcription from the tet promoter of pBR322. Abortive initiation and unwinding experiments. Bertrand-Burggraf E, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7741-52

DNAaseI-hypersensitive minichromosomes of SV40 possess an elastic torsional strain in DNA. Luchnik AN, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1135-49

Genetic rearrangement of DNA induces knots with a unique topology: implications for the mechanism of synapsis and crossing-over. Griffith JD, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3124-8

Torsional stress induces an S1 nuclease-hypersensitive site within the promoter of the Xenopus laevis oocyte-type 5S RNA gene. Reynolds WF, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4018-22

DNA supercoiling affects in vitro transcription of two maize chloroplast genes differently. Stirdivant SM, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4886-90

IMMUNOLOGY

Antibodies to dsDNA: failure to detect antigenic determinants specific for superhelical B-DNA. Krippner H, et al. **Mol Immunol** 1985 Jun;22(6):623-7

METABOLISM

Interaction of O,O,S-trimethyl phosphorothioate and O,S,S-trimethyl phosphorodithioate, the impurities of malathion with supercoiled PM2 DNA. Richardson RJ 2d, et al. **Biochem Biophys Res Commun** 1985 Feb 15; 126(3):1251-8

Measurement of DNA-protein equilibria using gel chromatography: application to the HinfI restriction endonuclease. Frankel AD, et al. **Biochemistry** 1985 Jun 4;24(12):3049-54

Hierarchy of binding sites for chromosomal proteins HMG 1 and 2 in supercoiled deoxyribonucleic acid. Hamada H, et al. **Biochemistry** 1985 Mar 12;24(6):1428-33

Quantitation of eukaryotic topoisomerase I reactivity with DNA. Preferential cleavage of supercoiled DNA. Muller MT. **Biochim Biophys Acta** 1985 Mar 20;824(3):263-7

Agarose gel electrophoretic analysis of damage to supercoiled DNA by adriamycin in the presence of beta-NADH dehydrogenase. Haidle CW, et al. **Cancer Biochem Biophys** 1985 Jun;8(1):47-59

Isolation of Z-DNA binding proteins from SV40 minichromosomes: evidence for binding to the viral control region. Azorin F, et al. **Cell** 1985 Jun;41(2):365-74

The positive transcription factor of the 5S RNA gene induces a 5S DNA-specific gyration in Xenopus oocyte extracts. Kmiec EB, et al. **Cell** 1985 Jul;41(3):945-53

H1 histone, polylysine and spermine facilitate nucleosome assembly in vitro. Bogdanova ES. **FEBS Lett** 1984 Oct 1;175(2):321-4

Transitions in topological organization of supercoiled DNA domains as a potential regulatory mechanism. Carnevali F, et al. **J Biol Chem** 1984 Oct 25;259(20):12633-43

Relaxation of supercoiled phosphorothioate DNA by mammalian topoisomerases is inhibited in a base-specific manner. Darby MK, et al. **J Biol Chem** 1985 Apr 10; 260(7):4501-7

A vaccinia virus DNase preparation which cross-links superhelical DNA. Lakritz N, et al. **J Virol** 1985 Mar; 53(3):935-43

Unwinding of supercoiled DNA by cis- and trans-diamminodichloroplatinum(II): influence of the torsional strain on DNA unwinding. Scovell WM, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2881-95

Preferential binding of bacteriophage Mu repressor to supercoiled Mu DNA. Rouiet E, et al. **Plasmid** 1985 May; 13(3):173-81

Phosphorylation of DNA topoisomerase II by casein kinase II: modulation of eukaryotic topoisomerase II activity in vitro. Ackerman P, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3164-8

PHARMACODYNAMICS

Superhelical DNA-dependent ATPase from calf thymus. Zahradka P, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):355-61

PHYSIOLOGY

DNA topoisomerases: enzymes that control DNA conformation. Vosberg HP. **Curr Top Microbiol Immunol** 1985;114:19-102 (514 ref.)

RADIATION EFFECTS

DNA supercoiled domains and radiosensitivity of subpopulations of human peripheral blood lymphocytes. van Rensburg EJ, et al. **Int J Radiat Biol** 1985 Jun; 47(6):673-9

Relaxation of supercoiled plasmid DNA by oxidative stresses in Escherichia coli. Horiuchi H, et al. **J Bacteriol** 1984 Dec;160(3):1017-21

Incandescent lamps can produce pyrimidine dimers in DNA. Ciarrocchi G, et al. **Photochem Photobiol** 1985 Jun; 41(6):703-5

DNA, SUPERTWISTED see **DNA, SUPERHELICAL**

DNA TOPOISOMERASE see **DNA UNTWISTING PROTEINS**

DNA TOPOISOMERASE I see **DNA UNTWISTING PROTEINS**

DNA UNTWISTING ENZYMES see **DNA UNTWISTING PROTEINS**

DNA UNTWISTING PROTEINS

DNA structural features that lead to strand breakage by eukaryotic type-I topoisomerase. Champoux JJ, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:435-42

A topological treatment of recombination and topoisomerases. Cozzarelli NR, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:383-400

The cleavage of DNA by type-I DNA topoisomerases. Kirkegaard K, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:411-9

ATP-dependent DNA topoisomerase from the archaebacterium Sulfolobus acidocaldarius. Relaxation of supercoiled DNA at high temperature. Mirambeau G, et al. **J Mol Biol** 1984 Nov 5;179(3):559-63

ANALYSIS

Eukaryotic type I topoisomerase is enriched in the nucleolus and catalytically active on ribosomal DNA. Muller MT, et al. **EMBO J** 1985 May;4(5):1237-43

Genetic analysis of mutations that compensate for loss of Escherichia coli DNA topoisomerase I. Raji A, et al. **J Bacteriol** 1985 Jun;162(3):1173-9

Relationship between bacteriophage T4 and T6 DNA topoisomerases. T6 39-protein subunit is equivalent to the combined T4 39- and 60-protein subunits. Huang WM, et al. **J Biol Chem** 1985 Jul 25;260(15):8973-7

EGF receptor-associated DNA-nicking activity is due to a Mr-100,000 dissociable protein. Basu M, et al. **Nature** 1985 Aug 15-21;316(6029):640-1

[The nature of a covalent bond between the relaxation protein and ColE1-DNA in the relaxation complex] Zhuklis KL, et al. **Bioorg Khim** 1984 Apr;10(4):567-9 (Eng. Abstr.) (Rus)

ANTAGONISTS & INHIBITORS

Novobiocin inhibition of DNA excision repair may occur through effects on mitochondrial structure and ATP metabolism, not on repair topoisomerases. Downes CS, et al. **Carcinogenesis** 1985 Sep;6(9):1343-52

BLOOD

Topoisomerase I is the predominant nuclear protein from avian erythrocytes that can be covalently linked to DNA. Hoepfner RW, et al. **Biochem J** 1985 Mar 15;226(3):873-8

DNA topoisomerase activities in concanavalin A-stimulated lymphocytes. Tandou G, et al. **FEBS Lett** 1984 Oct 29; 176(2):431-5

GENETICS

The genetic control of DNA supercoiling in Salmonella typhimurium. Richardson SM, et al. **EMBO J** 1984 Aug; 3(8):1745-52

Isolation of type I and II DNA topoisomerase mutants from fission yeast: single and double mutants show different phenotypes in cell growth and chromatin organization. Uemura T, et al. **EMBO J** 1984 Aug;3(8):1737-44

In situ nick translation of metaphase chromosomes with biotin-labeled d-UTP. Adolph S, et al. **Hum Genet** 1985; 69(2):117-21

Further studies on compartmentalisation of DNA-topoisomerase I in Fanconi anemia tissue. Wunder E. **Hum Genet** 1984;68(4):276-81

Escherichia coli strains containing mutations in the structural gene for topoisomerase I are recombination deficient. Fishel RA, et al. **J Bacteriol** 1984 Dec;160(3):1168-70

Genetic inactivation of topoisomerase I suppresses a defect in initiation of chromosome replication in Escherichia coli. Louarn J, et al. **MGG** 1984;195(1-2):170-4

Native supercoiling of DNA: the effects of DNA gyrase and omega protein in E. coli. Mirkin SM, et al. **MGG** 1984; 196(3):508-12

DNA topoisomerases in eukaryotes [letter] Saavedra RA, et al. **Nature** 1985 Sep 5-11;317(6032):22

Regulation of the Escherichia coli DNA topoisomerase I gene by DNA supercoiling. Tse-Dinh YC. **Nucleic Acids Res** 1985 Jul 11;13(13):4751-63

Drosophila DNA topoisomerase I is associated with transcriptionally active regions of the genome. Fleischmann G, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6958-62

The Escherichia coli supX locus is topA, the structural gene for DNA topoisomerase I. Margolin P, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5437-41

Cloning, characterization, and sequence of the yeast DNA topoisomerase I gene. Thrash C, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4374-8

ISOLATION & PURIFICATION

A unique ATP-dependent DNA topoisomerase from trypanosomatids. Shlomai J, et al. **Adv Exp Med Biol** 1984; 179:409-22

DNA polymerases and DNA topoisomerases solubilized from nuclear matrices of regenerating rat livers. Nishizawa M, et al. **Biochem Biophys Res Commun** 1984 Nov 14; 124(3):917-24

Studies on mitochondrial type I topoisomerase and on its function. Fairfield FR, et al. **Biochim Biophys Acta** 1985 Jan 29;824(1):45-57

Characterisation of size variants of type I DNA topoisomerase isolated from calf thymus. Schmitt B, et al. **Eur J Biochem** 1984 Oct 1;144(1):127-34

Partial purification and characterization of type I DNA topoisomerase from Bacillus stearothermophilus. Yamamoto N, et al. **J Biochem (Tokyo)** 1985 Mar; 97(3):811-20

METABOLISM

Poly (ADP-ribosylation) and DNA topoisomerase I in different cell lines. Ferro AM, et al. **Adv Exp Med Biol** 1984;179:441-7

Effect of UV induced DNA lesions on the activity of Escherichia coli DNA topoisomerases: a possible role of these enzymes in DNA repair. Pedrini AM. **Adv Exp Med Biol** 1984;179:449-54

The presence of two mitochondrial DNA topoisomerases in human acute leukemia cells. Castora FJ, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):854-66

Topoisomerase-II activity in human leukemic and lymphoblastoid cells. Priel E, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):325-32

Quantitation of eukaryotic topoisomerase I reactivity with DNA. Preferential cleavage of supercoiled DNA. Muller MT. **Biochim Biophys Acta** 1985 Mar 20;824(3):263-7

Increased DNA topoisomerase I activity in aging human cell chromatin. Hamelin C, et al. **Biosci Rep** 1984 Oct; 4(10):861-8

A high affinity topoisomerase I binding sequence is clustered at DNAase I hypersensitive sites in Tetrahymena R-chromatin. Bonven BJ, et al. **Cell** 1985 Jun;41(2):541-51

The phosphoform of the regulatory subunit RII of cyclic AMP-dependent protein kinase possesses intrinsic topoisomerase activity. Constantinou AI, et al. **Cell** 1985 Sep;42(2):429-37

Poly(ADP-ribosylation) of DNA topoisomerase I: a nuclear response to DNA-strand interruptions. Ferro AM, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:683-90

DNA topoisomerase I and II activities during cell proliferation and the cell cycle in cultured mouse embryo fibroblast (C3H 10T1/2) cells. Tricoli JV, et al. **Exp Cell Res** 1985 May;158(1):1-14

Alternate domains of neuron DNA topoisomerase I in developing rat brain. Ivanov VA, et al. **FEBS Lett** 1984 Nov 19;177(2):300-4

Relaxation of supercoiled phosphorothioate DNA by mammalian topoisomerases is inhibited in a base-specific manner. Darby MK, et al. **J Biol Chem** 1985 Apr 10; 260(7):4501-7

Mechanism of strand passage by Escherichia coli topoisomerase I. The role of the required nick in catenation and knotting of duplex DNA. Dean FB, et al. **J Biol Chem** 1985 Apr 25;260(8):4984–94

Duplex DNA knots produced by Escherichia coli topoisomerase I. Structure and requirements for formation. Dean FB, et al. **J Biol Chem** 1985 Apr 25;260(8):4975–83

Replication of pBR322 DNA in vitro with purified proteins. Requirement for topoisomerase I in the maintenance of template specificity. Minden JS, et al. **J Biol Chem** 1985 Aug 5;260(16):9316–25

Localization of topoisomerase II in mitotic chromosomes. Earnshaw WC, et al. **J Cell Biol** 1985 May;100(5):1716–25

Topoisomerase II is a structural component of mitotic chromosome scaffolds. Earnshaw WC, et al. **J Cell Biol** 1985 May;100(5):1706–15

Association of type I DNA topoisomerase with herpes simplex virus. Muller MT, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1565–74

Eukaryotic topoisomerases come into the limelight [news] North G. **Nature** 1985 Aug 1–7;316(6027):394–5

Topoisomerase I has a strong binding preference for a conserved hexadecameric sequence in the promoter region of the rRNA gene from Tetrahymena pyriformis. Andersen AH, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1543–57

An ATP-dependent supercoiling topoisomerase of Chlamydomonas reinhardtii affects accumulation of specific chloroplast transcripts. Thompson RJ, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):873–91

Phosphorylation of DNA topoisomerase II by casein kinase II: modulation of eukaryotic topoisomerase II activity in vitro. Ackerman P, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3164–8

In situ localization of DNA topoisomerase II, a major polypeptide component of the Drosophila nuclear matrix fraction. Berrios M, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4142–6

Adenovirus infection elevates levels of cellular topoisomerase I. Chow KC, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2247–51

A protein kinase activity tightly associated with Drosophila type II DNA topoisomerase. Sander M, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6938–42

[DNA-topoisomerases of animal cells] Kafiani KA, et al. **Mol Biol (Mosk)** 1985 Mar–Apr;19(2):438–49 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Inhibition of epipodophyllotoxin cytotoxicity by interference with topoisomerase-mediated DNA cleavage. Rowe T, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2483–7

Breakage of single-stranded DNA by eukaryotic type 1 topoisomerase occurs only at regions with the potential for base-pairing. Been MD, et al. **J Mol Biol** 1984 Dec 15;180(3):515–31

Adriamycin-induced DNA damage mediated by mammalian DNA topoisomerase II. Tewey KM, et al. **Science** 1984 Oct 26;226(4673):466–8

[Topological isomers of pBR322 DNA in vivo] Huang XT, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb;7(1):20–4 (Eng. Abstr.) **(Chi)**

PHYSIOLOGY

DNA topoisomerases. Wang JC. **Annu Rev Biochem** 1985;54:665–97 (313 ref.)

Effect of difluoromethylornithine, an inhibitor of polyamine biosynthesis, on the topoisomerase II-mediated DNA scission produced by 4'-(9-acridinylamino)methanesulfon-m-anisidide in L1210 murine leukemia cells. Zwelling LA, et al. **Cancer Res** 1985 Mar;45(3):1122–6

DNA topoisomerases: enzymes that control DNA conformation. Vosberg HP. **Curr Top Microbiol Immunol** 1985;114:19–102 (514 ref.)

Biology of bacterial deoxyribonucleic acid topoisomerases. Drlica K. **Microbiol Rev** 1984 Dec;48(4):273–89 (175 ref.)

Virus- and cell-encoded tyrosine protein kinases inactivate DNA topoisomerases in vitro. Tse-Dinh YC, et al. **Nature** 1984 Dec 20–1985 Jan 2;312(5996):785–6

DNA UNWINDING PROTEINS

Amino acid sequence of the UP1 calf thymus helix-destabilizing protein and its homology to an analogous protein from mouse myeloma. Williams KR, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5666–70

BLOOD

Activity of helix: destabilizing protein in lymphocytes of patients with glomerulopathies and with chronic renal insufficiency. Prutis KB, et al. **Clin Nephrol** 1985 Mar;23(3):142–7

Translationally associated helix-destabilizing activity in rabbit reticulocyte lysate. Liebhaber SA, et al. **J Biol Chem** 1984 Dec 25;259(24):15597–602

GENETICS

Roles of processive unwinding in recombination reactions promoted by RecA protein of Escherichia coli: a study using a monoclonal antibody. Shibata T, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:541–51

IMMUNOLOGY

Native species of helix destabilizing protein-1 in mouse myeloma identified by antibody probing of Western blots. Planck SR, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):362–9

ISOLATION & PURIFICATION

Purification and characterization of the bacteriophage T4 dda protein. A DNA helicase that associates with the viral helix-destabilizing protein. Jongeneel CV, et al. **J Biol Chem** 1984 Oct 25;259(20):12925–32

METABOLISM

Functions of DNA helicases in the DNA metabolism of Escherichia coli. Abdel-Monem M, et al. **Adv Exp Med Biol** 1984;179:385–93

Effect of the strandedness of cofactor DNA on the activities of DNA-dependent ATPases B and C3 from FM3A cells. Enomoto T, et al. **Cell Struct Funct** 1984 Jun;9(2):197–202

Effects of the bacteriophage T4 dda protein on DNA synthesis catalyzed by purified T4 replication proteins. Jongeneel CV, et al. **J Biol Chem** 1984 Oct 25;259(20):12933–8

Unwinding of DNA by nonhistone protein HMG1 and HMG2. Yoshida M, et al. **Nucleic Acids Symp Ser** 1984;(15):181–4

Identification of a nucleic acid helix-destabilizing protein from rat liver as lactate dehydrogenase-5. Williams KR, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5260–4

DNA, VIRAL

see related
DNA VIRUSES

Condensation of bacteriophage phi W14 DNA of varying charge densities by trivalent counterions. Benbasat JA. **Biochemistry** 1984 Jul 31;23(16):3609–19

Copper(I)-bleomycin: structurally unique complex that mediates oxidative DNA strand scission. Ehrenfeld GM, et al. **Biochemistry** 1985 Jan 1;24(1):81–92

Dynamics of DNA condensation. Porschke D. **Biochemistry** 1984 Oct 9;23(21):4821–8

The circular dichroism properties of phi W-14 DNA containing alpha-putrescinylthymine. Spetter S, et al. **Biochim Biophys Acta** 1985 Mar 8;838(3):312–20

Dynamic light-scattering studies on thermal motions of native DNAs in solution. Soda K, et al. **Biophys Chem** 1984 Oct;20(3):185–200

Precollapse of T7 DNA by spermidine at low ionic strength: a linear dichroism and intrinsic viscosity study. Baase WA, et al. **Biopolymers** 1984 Dec;23(12):2835–51

Analysis of the electrophoretic properties of double-stranded DNA and RNA in agarose gels at a finite voltage gradient. Edmondson SP, et al. **Biopolymers** 1984 Dec;23(12):2725–42

Electron microscopy of the melting of sequenced DNA. Kalambet YuA, et al. **Biopolymers** 1985 Feb;24(2):359–77

Conformational analysis of lac promoters using the nuclease activity of 1,10-phenanthroline-copper ion. Sigman DS, et al. **Biopolymers** 1985 Jan;24(1):183–97

Heteroduplex mapping in the molecular analysis of the human T-cell leukemia (lymphotropic) viruses. Gonda MA, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4553s–4558s

The stereostructure of knots and catenanes produced by phage lambda integrative recombination: implications for mechanism and DNA structure. Spengler SJ, et al. **Cell** 1985 Aug;42(1):325–34

Electron microscopy of SV40 DNA cross-linked by anti-Z DNA IgG. Hagen FK, et al. **EMBO J** 1985 Mar;4(3):837–44

A model for intracellular complexation between gene-5 protein and bacteriophage fd DNA. Brayer GD, et al. **Eur J Biochem** 1985 Jul 15;150(2):287–96

The complete 30-base-pair origin region of bacteriophage phi X174 in a plasmid is both required and sufficient for in vivo rolling-circle DNA replication and packaging. Fluit AC, et al. **Eur J Biochem** 1985 Jun 18;149(3):579–84

Subtype ayw variant of hepatitis B virus. DNA primary structure analysis. Bichko V, et al. **FEBS Lett** 1985 Jun 3;185(1):208–12

Comparison of genomes of closely related phages phi 29, phi 15 and PZA using a rapid method of parallel physical mapping. Hostomský Z, et al. **FEBS Lett** 1985 Aug 19;188(1):123–6

Detection of pX proteins in human T-cell leukemia virus (HTLV)-infected cells by using antibody against peptide deduced from sequences of X-IV DNA of HTLV-I and Xc DNA of HTLV-II proviruses. Miwa M, et al. **Gann** 1984 Sep;75(9):752–5

New developments in nucleic acid hybridization. Wolf H, et al. **IARC Sci Publ** 1984;(63):373–91 (42 ref.)

Reaction rate of OH radicals with phi X174 DNA: influence of salt and scavenger. van Rijn K, et al. **Int J Radiat Biol** 1985 Mar;47(3):309–17

cDNA cloning of portions of the bacteriophage phi 6 genome. Mindich L, et al. **J Bacteriol** 1985 Jun;162(3):992–9

The second large simian virus 40 T-antigen exon contains the information for maximal cell transformation. Graessmann M, et al. **J Mol Biol** 1984 Nov 25;180(1):111–29

Bacteriophage P4 DNA replication. Location of the P4 origin. Krevolin MD, et al. **J Mol Biol** 1985 Apr 20;182(4):519–27

Sequence determination and genetic content of the short unique region in the genome of herpes simplex virus type 1. McGeoch DJ, et al. **J Mol Biol** 1985 Jan 5;181(1):1–13

Sequence of the left end of phage 21 DNA. Miller G, et al. **J Mol Biol** 1985 May 25;183(2):246–9

Sequences essential for IS50 transposition. The first base-pair. Sasakawa C, et al. **J Mol Biol** 1985 Apr 20;182(4):487–93

Complementary relationship between repetitive sequences in the SV40 early gene pre-promoter enhancing region and big-T antigen splice junction exons. Burnett L, et al. **J Theor Biol** 1984 Oct 21;110(4):533–40

Nucleotide sequence of the cohesive single-stranded ends of Bacillus subtilis temperate bacteriophage phi 105. Ellis DM, et al. **J Virol** 1985 Aug;55(2):513–5

Human glioblastoma cells persistently infected with simian virus 40 carry nondefective episomal viral DNA and acquire the transformed phenotype and numerous chromosomal abnormalities. Norkin LC, et al. **J Virol** 1985 Feb;53(2):658–66

Novel rearrangements of herpes simplex virus DNA sequences resulting from duplication of a sequence within the unique region of the L component. Pogue-Geile KL, et al. **J Virol** 1985 Feb;53(2):456–61

Selective protection of 5' ... GGCC ... 3' and 5' ... GCNGC ... 3' sequences by the hypermodified oxopyrimidine in Bacillus subtilis bacteriophage SP10 DNA. Wiatr CL, et al. **J Virol** 1984 Oct;52(1):47–54

DNA hybridisation of cervical smears [letter] McCance DJ, et al. **Lancet** 1985 Mar 2;1(8427):514

Amphotropic retrovirus vector system for human cell gene transfer. Sorge J, et al. **Mol Cell Biol** 1984 Sep;4(9):1730–7

Complete nucleotide sequence of the AIDS virus, HTLV-III. Ratner L, et al. **Nature** 1985 Jan 24–30;313(6000):277–84

Changes in site specificity of single-strand-specific endonucleases on supercoiled PM2 DNA with temperature and ionic environment. Kowalski D. **Nucleic Acids Res** 1984 Sep 25;12(18):7071–86

Mung bean nuclease cleavage of a dA + dT-rich sequence or an inverted repeat sequence in supercoiled PM2 DNA depends on ionic environment. Sheflin LG, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7087–104

Sequence-specific DNA damage induced by reduced mitomycin C and 7-N-(p-hydroxyphenyl)mitomycin C. Ueda K, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6673–83

Nucleotide sequence of the 3' region of an infectious human T-cell leukemia virus type II genome. Shimotohno K, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6657–61

Genomic structure and possible retroviral origin of the chicken CR1 repetitive DNA sequence family. Stumph WE, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6667–71

A viable simian virus 40 variant that carries a newly generated sequence reiteration in place of the normal duplicated enhancer element. Swimmer C, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6652–6

DNA tertiary structure of disk-shaped toruses: an in vitro viral DNA model system. Marx KA, et al. **Prog Clin Biol Res** 1985;172A:131–40

Human papillomavirus type 16 DNA sequence. Seedorf K, et al. **Virology** 1985 Aug;145(1):181–5

Sequence of the serotype-specific glycoprotein of the human rotavirus Wa strain and comparison with other human rotavirus serotypes. Mason BB, et al. **Virus Res** 1985 Jun;2(4):291–9

[Synthesis, cloning and determination of the primary structure of a full-size DNA copy of fragment 8 from the influenza virus type A genome] Beklemishev AB, et al. **Bioorg Khim** 1985 May;11(5):641–5 (Eng. Abstr.) **(Rus)**

[Synthesis, cloning and determination of the primary structure of a full-size DNA copy of the neuraminidase gene from influenza virus type A subtype H1N1] Beklemishev AB, et al. **Bioorg Khim** 1985 May;11(5):628–35 (Eng. Abstr.) **(Rus)**

[Synthesis, cloning and determination of the primary structure of a full-size DNA copy of the NP protein gene from influenza virus type A] Beklemishev AB, et al. **Bioorg Khim** 1985 May;11(5):636–40 (Eng. Abstr.) **(Rus)**

[Electron microscope maps of SA7 DNA melting] Borovik AS, et al. **Mol Biol (Mosk)** 1984 Nov–Dec;18(6):1634–8 (Eng. Abstr.) **(Rus)**

ANALYSIS

Hepatitis B virus DNA detected in formalin-fixed liver specimens and its relation to serologic markers and histopathologic features in chronic liver disease. Rijntjes PJ, et al. **Am J Pathol** 1985 Sep;120(3):411–8

Presence and expression of human papillomavirus sequences in human cervical carcinoma cell lines. Yee C, et al. **Am J Pathol** 1985 Jun;119(3):361–6

DNA hybridization procedure to detect pseudorabies virus DNA in swine tissue. McFarlane RG, et al. **Am J Vet Res** 1985 May;46(5):1133–6

Evaluation of field isolates of pseudorabies (Aujeszky's disease) virus as determined by restriction endonuclease analysis and hybridization. Pirtle EC, et al. **Am J Vet Res** 1984 Oct;45(10):1906–12

Comparison of the genomes of pseudorabies (Aujeszky's disease) virus strains by restriction endonuclease analysis.

Pritchett RF, et al. **Am J Vet Res** 1984 Dec;45(12):2486-9

Bowenoid papulosis. Presence of human papillomavirus (HPV) structural antigens and of HPV 16-related DNA sequences. Gross G, et al. **Arch Dermatol** 1985 Jul; 121(7):858-63

Perinatal hepatitis B virus detection by hepatitis B virus-DNA analysis. De Virgiliis S, et al. **Arch Dis Child** 1985 Jan;60(1):56-8

Interferon therapy for bronchial papillomatosis controlled by papillomavirus-DNA hybridization. Ikenberg H, et al. **Arch Otolaryngol** 1985 Feb;111(2):96-8

Macropodid herpesviruses 1 and 2: two herpesviruses from Australian marsupials differentiated by restriction endonucleases, DNA composition and hybridization. Brief report. Johnson MA, et al. **Arch Virol** 1985;85(3-4):313-9

European isolates of bovine herpesvirus 1: a comparison of restriction endonuclease sites, polypeptides, and reactivity with monoclonal antibodies. Metzler AE, et al. **Arch Virol** 1985;85(1-2):57-69

Comparison of contagious ecthyma virus genomes by restriction endonucleases. Rafii F, et al. **Arch Virol** 1985; 84(3-4):283-9

Molecular epidemiology and pathogenesis of some equine herpesvirus type 1 (equine abortion virus) and type 4 (equine rhinopneumonitis virus) isolates. Studdert MJ, et al. **Aust Vet J** 1984 Nov;61(11):345-8

Characterization of restriction endonuclease maps of hepatitis B viral DNAs. Lo SJ, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):797-803

Some properties of the interstrand crosslinks in depurinated DNA. Goffin C, et al. **Biochim Biophys Acta** 1984 Oct 5;783(1):1-5

Estimation of tyrosine-40-DNA distance in the filamentous phage Pf1 by analysis of its intrinsic fluorescence properties. Greulich KO, et al. **Biochim Biophys Acta** 1984 Sep 10;782(4):446-9

Function and structure of microvirid phage alpha 3 genome. DNA sequence of H gene and properties of missense H mutant. Kodaira K, et al. **Biochim Biophys Acta** 1985 Jun 24;825(2):255-60

Characterization of the DNA of the hamster papovavirus: II. A comparison of binding sites for Escherichia coli- and calf thymus RNA polymerase II on the hamster papovavirus genome. Vogel F, et al. **Biomed Biochim Acta** 1985;44(2):235-41

Molecular cloning of potato spindle tuber viroid (PSTV) cDNA synthesized by enzymatic elongation of PSTV-specific DNA primers: a general strategy for viroid cloning. Tabler M, et al. **Biosci Rep** 1985 Feb;5(2):143-58

Hepatitis B virus DNA in saliva, urine, and seminal fluid of carriers of hepatitis B e antigen. Karayiannis P, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1853-5

Human papillomavirus type 16 related DNA in an anaplastic carcinoma of the lung. Stremlau A, et al. **Cancer** 1985 Apr 15;55(8):1737-40

Histological types of carcinoma of the uterine cervix and the detectability of human papillomavirus DNA. Fukushima M, et al. **Cancer Res** 1985 Jul;45(7):3252-5

Properties of rat cells transformed by DNA plasmids containing adenovirus type 12 E1 DNA or specific fragments of the E1 region: comparison of transforming frequencies. Gallimore PH, et al. **Cancer Res** 1985 Jun; 45(6):2670-80

Proviral structure and differentiation antigen phenotype of spontaneous and chemically induced AKR lymphomas. Richie ER, et al. **Cancer Res** 1985 Jun;45(6):2802-6

Can potentially infectious specimens containing hepatitis B virus be identified on the basis of their biochemical profile? Burnett L, et al. **Clin Chem** 1985 Aug;31(8):1329-30

Comparison of radio-labeled DNA probe with a nonisotopic probe for assay of serum hepatitis B virus DNA. Molden DP, et al. **Clin Physiol Biochem** 1985;3(4):174-83

DNA structural features that lead to strand breakage by eukaryotic type-I topoisomerase. Champoux JJ, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:435-42

Demonstration of HPV-16 genomes in the nuclei of cervix carcinoma cells. Grussendorf-Conen EI, et al. **Dermatologica** 1985;170(4):199-201

Laboratory diagnosis of hepatitis B virus infection by nucleic acid hybridization analyses and immunohistologic detection of gene products. Blum HE, et al. **Dev Biol Stand** 1985; 59:125-39

Serum HBV-DNA in delta antigen positive chronic liver disease. Hadziyannis SJ, et al. **Dev Biol Stand** 1985;59:141-5

A new member of the polyomavirus family: the hamster papovavirus. Complete nucleotide sequence and transformation properties. Delmas V, et al. **EMBO J** 1985 May;4(5):1279-86

Recognition site of nuclear factor I, a sequence-specific DNA-binding protein from HeLa cells that stimulates adenovirus DNA replication. Leegwater PA, et al. **EMBO J** 1985 Jun;4(6):1515-21

Quantification of picogram levels of specific DNA immobilized in microtiter wells. Nagata Y, et al. **FEBS Lett** 1985 Apr 22;183(2):379-82

Establishment and characterization of adult T-cell leukemia virus-containing B-cell lines derived from peripheral blood of adult T-cell leukemia patients. Miyamoto K, et al. **Gann** 1984 Aug;75(8):655-9

Structure of the pX protein deduced from the nucleotide sequence of a cDNA clone of pX mRNA in cells infected with human T-cell leukemia virus type I. Shimotohno K, et al. **Gann** 1985 Apr;76(4):241-4

Direct evidence for the expression of integrated hepatitis B virus DNA in human hepatoma tissue. Yaginuma K, et al. **Gann** 1984 Sep;75(9):743-6

Two distinctive transforming DNA regions on the canine adenovirus type 1 genome. Yamashita T, et al. **Gann** 1985 Jun;76(6):436-40

Presence of hepatitis B virus-deoxyribonucleic acid in human tissues under unexpected circumstances. Shafritz DA. **Gastroenterology** 1985 Sep;89(3):687-90

Active and inactive replication of hepatitis B virus deoxyribonucleic acid in chronic liver disease. Yokosuka O, et al. **Gastroenterology** 1985 Sep;89(3):610-6

Restriction maps of human adenovirus types 2, 5, and 3 for BstEII, MluI, NdeI, NruI and SfiI endonucleases. Niel C, et al. **Gene** 1984 Nov;31(1-3):305-8

Human papillomavirus DNA in conjunctival papilloma. Pfister H, et al. **Graefes Arch Clin Exp Ophthalmol** 1985; 223(3):164-7

Determination of HBV DNA by a simplified method of spot hybridization. Gmelin K, et al. **Hepatogastroenterology** 1985 Jun;32(3):117-20

Liver disease activity and hepatitis B virus replication in chronic delta antigen-positive hepatitis B virus carriers. Hadziyannis SJ, et al. **Hepatology** 1985 Jul-Aug;5(4):544-7

Analysis of DNA polymerase reaction products for detecting hepatitis B virus in serum—comparison with spot hybridization technique. Imazeki F, et al. **Hepatology** 1985 Sep-Oct;5(5):783-8

Hepatitis B virus DNA, HBeAg and delta infection during the course from acute to chronic hepatitis B virus infection. Krogsgaard K, et al. **Hepatology** 1985 Sep-Oct;5(5):778-82

Liver orcein stain and viral DNA in duck hepatitis B virus infection in Chinese ducks and experimentally infected Japanese ducklings. Mori J, et al. **Hepatology** 1984 Nov-Dec;4(6):1124-8

Changes of hepatitis B virus DNA in liver and serum caused by recombinant leukocyte interferon treatment: analysis of intrahepatic replicative hepatitis B virus DNA. Yokosuka O, et al. **Hepatology** 1985 Sep-Oct;5(5):728-34

Human papillomavirus DNA in genital tumours. Gissmann L. **IARC Sci Publ** 1984;(63):405-11 (19 ref.)

Short communication: presence of HBV DNA in hepatocellular carcinoma tissue. Greenfield G. **IARC Sci Publ** 1984;(63):237-9

DNA relationships among some tox-bearing corynebacteriophages. Buck GA, et al. **Infect Immun** 1985 Sep;49(3):679-84

Human T-cell leukemia/lymphoma virus (HTLV I) DNA: detection in Italy in a lymphoma and in a Kaposi sarcoma patient [letter] Manzari V, et al. **Int J Cancer** 1984 Dec 15;34(6):891-2

HSV- and chemical carcinogen-induced amplification of SV40 DNA sequences in transformed cells is cell-line-dependent. Matz B, et al. **Int J Cancer** 1985 Apr 15;35(4):521-5

Papillomavirus infection of the lower genital tract: detection of viral DNA in gynecological swabs. Schneider A, et al. **Int J Cancer** 1985 Apr 15;35(4):443-8

Prevalence of human papillomavirus type 16 DNA in cervical carcinoma samples in East Anglia. Scholl SM, et al. **Int J Cancer** 1985 Feb 15;35(2):215-8

Rapid identification of cloned HSV2 DNA fragments. van den Berg FM, et al. **Intervirology** 1984;22(2):115-20

Plasmid transduction by Bacillus subtilis bacteriophage SPP1: effects of DNA homology between plasmid and bacteriophage. Deichelbohrer I, et al. **J Bacteriol** 1985 Jun; 162(3):1238-43

The gene for the adenovirus 2 hexon polypeptide. Akusjärvi G, et al. **J Biol Chem** 1984 Nov 25;259(22):13976-9

Genes encoding the core proteins of adenovirus type 2. Aleström P, et al. **J Biol Chem** 1984 Nov 25; 259(22):13980-5

Regions of the terminal repetitions of the herpes simplex virus type 1 genome. Relationship to immunoglobulin switch-like DNA sequences. Gomez-Marquez J, et al. **J Biol Chem** 1985 Mar 25;260(6):3490-5

The phi 80 and P22 attachment sites. Primary structure and interaction with Escherichia coli integration host factor. Leong JM, et al. **J Biol Chem** 1985 Apr 10;260(7):4468-77

DNA sequences from the adenovirus 2 genome. Roberts RJ, et al. **J Biol Chem** 1984 Nov 25;259(22):13968-75

Cleavage of stem-and-loop structure DNA by bleomycin. Reaction on the bacteriophage G4 origin of complementary strand synthesis. Ueda K, et al. **J Biol Chem** 1985 May 10;260(9):5804-7

Proviral unit II of endogenous mouse mammary tumour virus is selectively amplified and expressed in C57B1/10 mammary tumours induced by non-viral carcinogens. Svec J. **J Cancer Res Clin Oncol** 1985;110(1):25-34

Detection of Epstein-Barr virus DNA in mouthwashes by hybridization. Ambinder RF, et al. **J Clin Microbiol** 1985 Mar;21(3):353-6

Quantitation of hepatitis B virus (HBV) core antigen in serum in the presence of antibodies to HBV core antigen: comparison with assays of serum HBV DNA, DNA polymerase, and HBV e antigen. Bredehorst R, et al. **J Clin Microbiol** 1985 Apr;21(4):593-8

Application of 'Hirt supernatant' DNA to the molecular epidemiology of cytomegalovirus infections. Eizuru Y, et al. **J Clin Microbiol** 1984 Nov;20(5):1012-4

Comparison of neutralization and DNA restriction enzyme methods for typing clinical isolates of human adenoviruses. Fife KH, et al. **J Clin Microbiol** 1985 Jul;22(1):95-100

Examination of uncommon clinical isolates of human adenoviruses by restriction endonuclease analysis. Hammond GW, et al. **J Clin Microbiol** 1985 Apr; 21(4):611-6

Detection of adenovirus in nasopharyngeal specimens by radioactive and nonradioactive DNA probes. Hyypiä T. **J Clin Microbiol** 1985 May;21(5):730-3

Molecular epidemiology of adenoviruses: global distribution of adenovirus 7 genome types. Wadell G, et al. **J Clin Microbiol** 1985 Mar;21(3):403-8

Simplified restriction endonuclease method for typing and subtyping adenoviruses. Darville JM. **J Clin Pathol** 1985 Mar;38(3):331-5

The nucleotide sequence of the leftmost XhoI fragment (6%) of simian adenovirus SA7P. Dekker BM, et al. **J Gen Virol** 1984 Oct;65 (Pt 10):1699-708

On the evolution of the terminal redundancies of Klebsiella phage No. 11 and of coliphages T3 and T7. Dietz A, et al. **J Gen Virol** 1985 Jan;66 (Pt 1):181-6

The physical state of human papillomavirus type 16 DNA in benign and malignant genital tumours. Dürst M, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1515-22

Analysis of bovine cytomegalovirus genome structure: cloning and mapping of the monomeric polyrepetitive DNA unit, and comparison of European and American strains. Ehlers B, et al. **J Gen Virol** 1985 Jan;66 (Pt 1):55-68

Genome differences among field isolates and vaccine strains of pseudorabies virus. Gielkens AL, et al. **J Gen Virol** 1985 Jan;66 (Pt 1):69-82

Nucleotide sequence of bovine papillomavirus type 2 late region. Potter HL Jr, et al. **J Gen Virol** 1985 Jan;66 (Pt 1):187-93

Distribution of G + C-rich regions in varicella-zoster virus DNA. Ruyechan WT, et al. **J Gen Virol** 1985 Jan;66 (Pt 1):43-54

Hepatitis B virus DNA in serum of pregnant women with HBsAg and HBeAg or antibodies to HBe [letter] Heijtink RA, et al. **J Infect Dis** 1984 Sep;150(3):462

Subtypes of herpes simplex virus type 1 in Japan: classification by restriction endonucleases and analysis of distribution. Sakaoka H, et al. **J Infect Dis** 1985 Jul; 152(1):190-7

Hepatitis B virus DNA in Dane particles: evidence for the presence of replicative intermediates. Scotto J, et al. **J Infect Dis** 1985 Apr;151(4):610-7

Analysis of oral papillomas, leukoplakias, and invasive carcinomas for human papillomavirus type related DNA. Löning T, et al. **J Invest Dermatol** 1985 May;84(5):417-20

Restriction endonuclease digestion analysis of DNA from viruses isolated from different sites of two fatal cases of herpes simplex virus type-1 infection. McFarlane ES, et al. **J Med Microbiol** 1985 Aug;20(1):27-32

Diagnosis of human parvovirus infection by dot-blot hybridization using cloned viral DNA. Anderson MJ, et al. **J Med Virol** 1985 Feb;15(2):163-72

Detection and localization of human papillomavirus DNA in human genital condylomas by in situ hybridization with biotinylated probes. Beckmann AM, et al. **J Med Virol** 1985 Jul;16(3):265-73

DNA of 21 clinical cytomegalovirus strains detected by hybridization to cloned DNA fragments of laboratory strain AD-169. Chou SW, et al. **J Med Virol** 1984; 14(3):263-8

Detection of human parvovirus using a molecularly cloned probe. Clewley JP. **J Med Virol** 1985 Feb;15(2):173-81

Detection of HBV-DNA by in situ hybridization using a biotin-labeled probe. Negro F, et al. **J Med Virol** 1985 Apr;15(4):373-82

Comparative sequence analysis of duck and human hepatitis B virus genomes. Sprengel R, et al. **J Med Virol** 1985 Apr; 15(4):323-33

Detection of adenoviruses in stool specimens by nucleic acid spot hybridization. Stålhandske P, et al. **J Med Virol** 1985 Jul;16(3):213-8

Detection of enteric adenoviruses by dot-blot hybridization using a molecularly cloned viral DNA probe. Takiff HE, et al. **J Med Virol** 1985 Jun;16(2):107-18

Absence of detectable hepatitis B virus DNA in sera and liver of chimpanzees with non-A, non-B hepatitis. Yap SH, et al. **J Med Virol** 1985 Apr;15(4):343-50

Identification and typing of herpes simplex virus types 1 and 2 by monoclonal antibodies, sensitivity to the drug (E)-5-(2-bromovinyl)-2'-deoxyuridine, and restriction endonuclease analysis of viral DNA. Zimmerman DH, et al. **J Med Virol** 1985 Mar;15(3):215-22

Sequence-specific recognition of DNA. Nuclear magnetic resonance assignments and structural comparison of wild-type and mutant lambda OR3 operator DNA. Wemmer DE, et al. **J Mol Biol** 1984 Nov 25;180(1):41-60

Herpes simplex virus and Alzheimer's disease: a search for virus DNA by spot hybridisation. Taylor GR, et al. **J Neurol Neurosurg Psychiatry** 1984 Oct;47(10):1061-5

Search for cytomegalovirus in postmortem brain tissue from patients with Huntington's chorea and other psychiatric disease by molecular hybridization using cloned DNA. Taylor GR, et al. **J Neuropathol Exp Neurol** 1985 Mar; 44(2):176-84

DNA packaging by the Bacillus subtilis defective bacteriophage PBSX. Anderson LM, et al. **J Virol** 1985 Jun;54(3):773-80

DNA sequence of the leftward junction in the adenovirus-simian virus 40 hybrid Ad2+D2 and determination of the structure of the D2-T antigen. Baumann EA, et al. **J Virol** 1985 Jun;54(3):882-5

Morphogenesis of bacteriophage phi 29 of Bacillus subtilis: prohead restoration for DNA-gp3 packaging and assembly. Bjornsti MA, et al. **J Virol** 1985 Mar;53(3):858-61

Analysis of Aleutian disease virus infection in vitro and in vivo: demonstration of Aleutian disease virus DNA in tissues of infected mink. Bloom ME, et al. **J Virol** 1985 Sep;55(3):696-703

Cloning and sequence of DNA encoding structural proteins of the autonomous parvovirus feline panleukopenia virus. Carlson J, et al. **J Virol** 1985 Sep;55(3):574-82

Fine mapping and sequencing of a variable segment in the inverted repeat region of varicella-zoster virus DNA. Casey TA, et al. **J Virol** 1985 May;54(2):639-42

An unusual spliced herpes simplex virus type 1 transcript with sequence homology to Epstein-Barr virus DNA. Costa RH, et al. **J Virol** 1985 May;54(2):317-28

Retrovirus D/New England and its relation to Mason-Pfizer monkey virus. Desrosiers RC, et al. **J Virol** 1985 May; 54(2):552-60

Partial nucleotide sequence of Rous sarcoma virus-29 provides evidence that the original Rous sarcoma virus was replication defective. Dutta A, et al. **J Virol** 1985 Sep; 55(3):728-35

Identification of an enveloped phage, mycoplasma virus L172, that contains a 14-kilobase single-stranded DNA genome. Dybvig K, et al. **J Virol** 1985 Feb;53(2):384-90

Characterization of an endogenous retrovirus-repetitive DNA chimera in the mouse genome. Fanning TG, et al. **J Virol** 1985 Mar;53(3):998-1000

Map location of homologous regions between Marek's disease virus and herpesvirus of turkey and the absence of detectable homology in the putative tumor-inducing gene. Fukuchi K, et al. **J Virol** 1985 Mar;53(3):994-7

Molecular cloning and partial sequencing of hepatitis A viral cDNA. Linemeyer DL, et al. **J Virol** 1985 May; 54(2):247-55

Intracellular location of rabbit poxvirus nucleic acid within infected cells as determined by in situ hybridization. Minnigan H, et al. **J Virol** 1985 Sep;55(3):634-43

Nucleotide sequence of avian sarcoma virus UR2 and comparison of its transforming gene with other members of the tyrosine protein kinase oncogene family. Neckameyer WS, et al. **J Virol** 1985 Mar;53(3):879-84

DNA sequence alterations responsible for the synthesis of thermosensitive VP1 in temperature-sensitive BC mutants of simian virus 40. Ng SC, et al. **J Virol** 1985 May; 54(2):646-9

Unusual features of the leader sequence of Rous sarcoma virus packaging mutant TK15. Nishizawa M, et al. **J Virol** 1985 Sep;55(3):881-5

Sequence organization and molecular cloning of mouse mammary tumor virus DNA endogenous to C57BL/6 mice. Peterson DO, et al. **J Virol** 1985 May;54(2):525-31

Nucleotide sequence analysis of a variant human T-cell leukemia virus (HTLV-Ib) provirus with a deletion in pX-I. Ratner L, et al. **J Virol** 1985 Jun;54(3):781-90

Nucleotide sequence of a full-length human endogenous retroviral segment. Repaske R, et al. **J Virol** 1985 Jun; 54(3):764-72

Latent herpes simplex virus type 1 DNA contains two copies of the virion DNA joint region. Rock DL, et al. **J Virol** 1985 Sep;55(3):849-52

Construction of nondefective adenovirus type 5 bearing a 2.8-kilobase hepatitis B virus DNA near the right end of its genome. Saito I, et al. **J Virol** 1985 Jun;54(3):711-9

Recombination between a defective retrovirus and homologous sequences in host DNA: reversion by patch repair. Schwartzberg P, et al. **J Virol** 1985 Mar; 53(3):719-26

Cell-related sequences in the DNA genome of human cytomegalovirus strain AD169. Shaw SB, et al. **J Virol** 1985 Sep;55(3):843-8

Genomic expansion of Marek's disease virus DNA is associated with serial in vitro passage. Silva RF, et al. **J Virol** 1985 Jun;54(3):690-6

The alpha sequence of the cytomegalovirus genome functions as a cleavage/packaging signal for herpes simplex virus defective genomes. Spaete RR, et al. **J Virol** 1985 Jun; 54(3):817-24

Molecular cloning of proviral DNA and structural analysis of the transduced myc oncogene of avian oncovirus CMII. Walther N, et al. **J Virol** 1985 May;54(2):576-85

Sequence of hepatitis B virus DNA incorporated into the genome of a human hepatoma cell line. Ziemer M, et al. **J Virol** 1985 Mar;53(3):885-92

Dot-blot procedure with [32P]DNA probes for the sensitive detection of avocado sunblotch and other viroids in plants. Barker JM, et al. **J Virol Methods** 1985 Feb;10(2):87-98

Silver staining of DNA restriction fragments for the rapid identification of adenovirus isolates: application during nosocomial outbreaks. Brown M, et al. **J Virol Methods** 1984 Oct;9(2):87-98

A simple and rapid method for typing adenoviruses 40 and 41 without cultivation. Buitenwerf J, et al. **J Virol Methods** 1985 Jan;10(1):39-44

Detection of cytomegalovirus by DNA-DNA hybridization employing probes labelled with 32-phosphorus or biotin. McKeating JA, et al. **J Virol Methods** 1985 Jul;11(3):207-16

Clinical uses of HBV-DNA assays. Thomas HC, et al. **J Virol Methods** 1985 Apr;10(4):291-4

Distribution of 'intrastrand annealing' sequences in lambda bacteriophage genome. Yamamoto K, et al. **Jpn J Exp Med** 1984 Dec;54(6):249-53

Restriction enzyme analysis and herpes simplex infections [letter] Barton SE, et al. **Lancet** 1985 Jun 22;1(8443):1448-9

Molecular pathogenesis of hepatitis B virus infection: simultaneous detection of viral DNA and antigens in paraffin-embedded liver sections. Blum HE, et al. **Lancet** 1984 Oct 6;2(8406):771-5

Search for viral DNA sequences in Alzheimer brain tissue [letter] Pogo BG, et al. **Lancet** 1985 Apr 27;1(8435):978-9

Screening for wart virus infection in normal and abnormal cervices by DNA hybridisation of cervical scrapes. Wickenden C, et al. **Lancet** 1985 Jan 12;1(8420):65-7

Experimental infection of sheep and goat with bovine leukemia virus: localization of proviral information on the target cells. Kettmann R, et al. **Leuk Res** 1984;8(6):937-44

In vitro synthesis of the gene coding for the glycoprotein E1 of Sindbis virus. Leone A, et al. **Microbiologica** 1985 Apr;8(2):123-30

Short direct repeats mediate spontaneous high-frequency deletions in DNA of minute virus of mice. Hogan A, et al. **Mol Cell Biol** 1984 Oct;4(10):2239-42

Simian virus 40 guanine-cytosine-rich sequences function as independent transcriptional control elements in vitro. Mishoe H, et al. **Mol Cell Biol** 1984 Dec;4(12):2911-20

Location of sequences in polyomavirus DNA that are required for early gene expression in vivo and in vitro. Mueller CR, et al. **Mol Cell Biol** 1984 Dec;4(12):2594-609

Hepatitis B virus DNA in patients with chronic liver disease and negative tests for hepatitis B surface antigen. Bréchot C, et al. **N Engl J Med** 1985 Jan 31;312(5):270-6

Latent papillomavirus and recurring genital warts. Ferenczy A, et al. **N Engl J Med** 1985 Sep 26;313(13):784-8

Endonuclease analysis of viral DNA from varicella and subsequent zoster infections in the same patient. Straus SE, et al. **N Engl J Med** 1984 Nov 22;311(21):1362-4

Human papillomavirus DNA in female condylomata. Yoshikawa H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul; 37(7):1225-30

The kinetic properties of cruciform extrusion are determined by DNA base-sequence. Lilley DM. **Nucleic Acids Res** 1985 Mar 11;13(5):1443-65

alpha-Putrescinylthymine and the sensitivity of bacteriophage phi W-14 DNA to restriction endonucleases. Miller PB, et al. **Nucleic Acids Res** 1985 Apr 11; 13(7):2559-68

Nucleotide sequence of a cluster of early and late genes in a conserved segment of the vaccinia virus genome. Plucienniczak A, et al. **Nucleic Acids Res** 1985 Feb 11; 13(3):985-98

DNA sequence comparison between two tissue-specific variants of the autonomous parvovirus, minute virus of mice. Sahli R, et al. **Nucleic Acids Res** 1985 May 24; 13(10):3617-33

Structure and genomic organization of a new family of murine retrovirus-related DNA sequences (MuRRS). Schmidt M, et al. **Nucleic Acids Res** 1985 May 24; 13(10):3461-70

Characterisation of DNA forms associated with cassava latent virus infection. Stanley J, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2189-206

S1-sensitive sites in the supercoiled double-stranded form of tomato golden mosaic virus DNA component B: identification of regions of potential alternative secondary structure and regulatory function. Sunter G, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4645-59

Identification of human papillomavirus in cervical swabs by deoxyribonucleic acid in situ hybridization. Wagner D, et al. **Obstet Gynecol** 1984 Dec;64(6):767-72

Bowenoid papulosis of the genitalia associated with human papillomavirus DNA type 16 in an infant with atopic dermatitis. Breneman DL, et al. **Pediatr Dermatol** 1985 Jul; 2(4):297-301

The structure of Marek disease virus DNA: the presence of unique expansion in nonpathogenic viral DNA. Fukuchi K, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):751-4

DNA sequences at the ends of the genome of bacteriophage Mu essential for transposition. Groenen MA, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2087-91

Rapid and efficient site-specific mutagenesis without phenotypic selection. Kunkel TA. **Proc Natl Acad Sci USA** 1985 Jan;82(2):488-92

Identification of new gene products coded from X regions of human T-cell leukemia viruses. Shimotohno K, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):302-6

Infectious hepatitis B virus from cloned DNA of known nucleotide sequence. Will H, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):891-5

Hepatitis B virus integration in hepatocellular carcinoma DNA: duplication of cellular flanking sequences at the integration site. Yaginuma K, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4458-62

Identification of five new variable restriction sites in HSV-1 DNA. Wylie BA, et al. **S Afr Med J** 1985 Jul 20; 68(2):98-102

Study on the genome of cauliflower mosaic virus (Xinjiang isolate). Restriction mapping of virion and cloned viral DNA. Fang RX, et al. **Sci Sin [B]** 1984 Oct;27(10):1015-22

Characterization and molecular cloning of a human parvovirus genome. Cotmore SF, et al. **Science** 1984 Dec 7;226(4679):1161-5

Hepatitis B virus DNA sequences in lymphoid cells from patients with AIDS and AIDS-related complex. Laure F, et al. **Science** 1985 Aug 9;229(4713):561-3

Persistence of the entire Epstein-Barr virus genome integrated into human lymphocyte DNA. Matsuo T, et al. **Science** 1984 Dec 14;226(4680):1322-5

Molecular characterization of human T-cell leukemia (lymphotropic) virus type III in the acquired immune deficiency syndrome. Shaw GM, et al. **Science** 1984 Dec 7;226(4679):1165-71

Combined macroscopic and microscopic detection of viral genes in tissues. Haase AT, et al. **Virology** 1985 Jan 15; 140(1):201-6

Immortalization of primary mouse embryo fibroblasts with SV40 virions, viral DNA, and a subgenomic DNA fragment in a quantitative assay. Tevethia MJ. **Virology** 1984 Sep;137(2):414-21

The structure of the major immediate early gene of human cytomegalovirus strain AD169. Akrigg A, et al. **Virus Res** 1985 Mar;2(2):107-21

DNA homologies between the genomes of Choristoneura fumiferana and Autographa californica nuclear polyhedrosis viruses. Arif BM, et al. **Virus Res** 1985 Feb; 2(1):85-94

Progressive multifocal leucoencephalopathy: analysis of JC virus DNA from brain and kidney tissue. Dörries K. **Virus Res** 1984 Jan;1(1):25-38

The detection of subtle differences between different orthopoxvirus genomes by heteroduplex analysis. Kinchington D, et al. **Virus Res** 1984;1(5):351-63

Expression and demethylation of germinally-transmitted BALB/c mouse mammary tumor virus DNA in Abelson MuLV B-lymphoid cell lines. Pauley RJ, et al. **Virus Res** 1984;1(5):381-400

Organization and state of methylation of endogenous type C retroviral sequences in 129 mouse differentiated and undifferentiated teratocarcinoma cell lines. Tobaly J, et al. **Virus Res** 1985 Feb;2(1):1-9

Packing pattern of DNA in bacteriophage T2. Ghosh AN, et al. **Z Naturforsch [C]** 1984 Jun;39(6):692-4

[State of hepatitis B virus DNA and stability of expression of HBsAg in transformed pC-3-1 cells] Ruan L, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct; 6(5):313-7 (Eng. Abstr.) **(Chi)**

[Hepatitis B virus DNA in hepatitis B surface antigen-negative patients with chronic liver disease] Jilg W. **Dtsch Med Wochenschr** 1985 Jun 21;110(25):1017-8 **(Ger)**

[Integrated and nonintegrated hepatitis B virus DNA in liver tissue] Theilmann L, et al. **Leber Magen Darm** 1985 Mar; 15(2):53-7 (Eng. Abstr.) **(Ger)**

[Detection of papillomavirus capsid antigens and human papillomavirus 16-related DNA in Bowenoid papulosis and Bowen disease] Gross G, et al. **Z Hautkr** 1984 Aug 15; 59(16):1084-6 (Eng. Abstr.) **(Ger)**

[Various novel properties of transcriptionally active mini-chromosomes of the SV40 virus] Luchnik AN, et al. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):75-86 (Eng. Abstr.) **(Rus)**

[Structural-functional organization of the SV40 virus chromosome. III. Nucleosome organization of free mini-chromosomes] Nedospasov SA, et al. **Mol Biol (Mosk)** 1984 Jul-Aug;18(4):1099-110 (Eng. Abstr.) **(Rus)**

[Physico-chemical characteristics of the DNA of the nuclear polyhedrosis virus of the moth Porthetria dispar L.] Cherepenko EI, et al. **Ukr Biokhim Zh** 1984 Nov-Dec; 56(6):614-9 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Further observations on the mycobacteriophage D29-mycobacterial interactions. David HL, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):359-67

In vitro synthesis of cauliflower mosaic virus DNA in viroplasms. Bonneville JM, et al. **Adv Exp Med Biol** 1984; 179:113-9

Replication of phi X174 DNA by calf thymus DNA polymerase-alpha: measurement of error rates at the amber-16 codon. Grosse F, et al. **Adv Exp Med Biol** 1984; 179:535-40

Effect of variations in the conditions of DNA synthesis upon the accuracy of DNA replication. Razzaki T, et al. **Basic Life Sci** 1985;31:175-87

DNA replication of single-stranded Escherichia coli DNA phages. Baas PD. **Biochim Biophys Acta** 1985 Jun 24; 825(2):111-39 (170 ref.)

The termination region for SV40 DNA replication directs the mode of separation for the two sibling molecules. Weaver DT, et al. **Cell** 1985 Jun;41(2):565-75

The DNA enzymology of protein machines. Alberts BM. **Cold Spring Harbor Symp Quant Biol** 1984;49:1-12

The role of specialized nucleoprotein structures in site-specific recombination and initiation of DNA replication. Echols H, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:727-33

Macromolecular synthesis in cells infected by frog virus 3. Willis DB, et al. **Curr Top Microbiol Immunol** 1985; 116:77-106 (109 ref.)

A putative primer for second-strand DNA synthesis of maize streak virus is virion-associated. Donson J, et al. **EMBO J** 1984 Dec 20;3(13):3069–73

Initiation of DNA replication at the primary origin of bacteriophage T7 by purified proteins. Initiation of bidirectional synthesis. Fuller CW, et al. **J Biol Chem** 1985 Mar 10;260(5):3197–206

Initiation of DNA replication at the primary origin of bacteriophage T7 by purified proteins. Site and direction of initial DNA synthesis. Fuller CW, et al. **J Biol Chem** 1985 Mar 10;260(5):3185–96

19-kDa tumor antigen coded by early region E1b of adenovirus 2 is required for efficient synthesis and for protection of viral DNA. Subramanian T, et al. **J Biol Chem** 1984 Oct 10;259(19):11777–83

Gene X of bacteriophage f1 is required for phage DNA synthesis. Mutagenesis of in-frame overlapping genes. Fulford W, et al. **J Mol Biol** 1984 Sep 15;178(2):137–53

The role of palindromic and non-palindromic sequences in arresting DNA synthesis in vitro and in vivo. Weaver DT, et al. **J Mol Biol** 1984 Dec 25;180(4):961–86

Reverse transcription of 7S L RNA by an avian retrovirus. Chen PJ, et al. **J Virol** 1985 May;54(2):278–84

Bacteriophage T4 unf (=alc) gene function is required for late replication in the presence of plasmid pR386. Herman RE, et al. **J Virol** 1985 Feb;53(2):430–9

DNA synthesis in Pseudomonas acidovorans infected with mutants of bacteriophage luminal diameterW-14 defective in the synthesis of alpha-putrescinylthymine. Miller PB, et al. **J Virol** 1984 Dec;52(3):1036–8

The circular intracellular form of Epstein-Barr virus DNA is amplified by the virus-associated DNA polymerase. Shaw JE. **J Virol** 1985 Mar;53(3):1012–5

An adenovirus early region 1A protein is required for maximal viral DNA replication in growth-arrested human cells. Spindler KR, et al. **J Virol** 1985 Mar;53(3):742–50

Polymer-level synthesis of oxopyrimidine deoxynucleotides by Bacillus subtilis phage SP10: characterization of modification-defective mutants. Witmer H, et al. **J Virol** 1985 Feb;53(2):522–7

Preparation of complementary DNA by direct synthesis on plant virus RNAs from agarose gels. Gallitelli D, et al. **J Virol Methods** 1985 Jun;11(2):141–4

Simian virus 40 DNA replication in vitro: specificity of initiation and evidence for bidirectional replication. Li JJ, et al. **Mol Cell Biol** 1985 Jun;5(6):1238–46

Cloning, sequencing, and functional analysis of oriL, a herpes simplex virus type 1 origin of DNA synthesis. Weller SK, et al. **Mol Cell Biol** 1985 May;5(5):930–42

Inhibition of polyoma DNA synthesis by base pair substitutions at the replication origin. Luthman H, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7503–515

Mouse DNA polymerase alpha-primase terminates and reinitiates DNA synthesis 2–14 nucleotides upstream of C2A1-2(C2-3/T2) sequences on a minute virus of mice DNA template. Faust EA, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4023–7

The herpes simplex virus amplicon: analyses of cis-acting replication functions. Spaete RR, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):694–8

Asymmetric replication of hepatitis B virus DNA in human liver: demonstration of cytoplasmic minus-strand DNA by blot analyses and in situ hybridization. Blum HE, et al. **Virology** 1984 Nov;139(1):87–96

Avian leukosis virus-induced osteopetrosis is associated with the persistent synthesis of viral DNA. Robinson HL, et al. **Virology** 1985 Feb;141(1):130–43

Adenovirus DNA synthesis is coupled to virus assembly. Weber JM, et al. **Virology** 1985 Jan 30;140(2):351–9

Genetic expression of human adenoviruses in simian cells. Evidence for interserotypic inhibition of viral DNA synthesis. Delsert C, et al. **Virus Res** 1984;1(5):365–80

[Synthesis of a full-length DNA copy of the hemagglutinin gene of the the influenza virus A H1N1 subtype, its cloning and primary structure] Beklemishev AB, et al. **Bioorg Khim** 1984 Nov;10(11):1535–43 (Eng. Abstr.) (Rus)

BLOOD

Serum hepatitis B virus-DNA in chronic hepatitis B and delta infection. Govindarajan S, et al. **Arch Pathol Lab Med** 1985 May;109(5):398–9

Hepatitis B virus DNA and e antigen in serum from blood donors in the United Kingdom positive for hepatitis B surface antigen. Harrison TJ, et al. **Br Med J [Clin Res]** 1985 Mar 2;290(6469):663–4

Hepatitis B virus DNA in serum from patients with acute hepatitis B. Krogsgaard K, et al. **Hepatology** 1985 Jan–Feb;5(1):10–3

Detection of hepatitis B virus DNA in serum and relation with the IgM class anti-HBc titers in hepatitis B virus infection. van Ditzhuijsen TJ, et al. **J Med Virol** 1985 Jan;15(1):49–56

Determination of hepatitis B virus DNA in serum by molecular hybridization. Shimizu Y, et al. **Microbiol Immunol** 1984;28(10):1117–23

[Application of direct spot hybridization to hepatitis B virus DNA in the serum of patients with liver diseases] Jiang WL. **Chung Hua Nei Ko Tsa Chih** 1984 Apr;23(4):231–2 (Eng. Abstr.) (Chi)

[Course of chronic hepatitis related to B virus in children. Study of serum viral DNA] Codoñer Franch PC, et al. **Gastroenterol Clin Biol** 1985 Jun–Jul;9(6–7):516–21 (Eng. Abstr.) (Fre)

[Correlation between circulating HBV-DNA, HBcAb titers and post-transfusional hepatitis B] Bedarida G, et al. **Riv Emoter Immunoematol** 1984;31(1):88–100 (Eng. Abstr.) (Ita)

[Demonstration of hepatitis B viral DNA in human sera by point hybridization] Granovskii NN, et al. **Vopr Virusol** 1984 Nov–Dec;29(6):751–3 (Rus)

DIAGNOSTIC USE

Use of subgenomic poliovirus DNA hybridization probes to detect the major subgroups of enteroviruses. Rotbart HA, et al. **J Clin Microbiol** 1984 Dec;20(6):1105–8

GENETICS

Investigations of budgerigar fledgling disease virus. Dykstra MJ, et al. **Am J Vet Res** 1984 Sep;45(9):1883–7

Screening for amplification of specific DNA sequences in cultured mammalian cells. Matz B. **Anal Biochem** 1985 Feb 1;144(2):447–9

Detection by hybridization of viral infection of the human central nervous system. Haase AT, et al. **Ann NY Acad Sci** 1984;436:103–8 (19 ref.)

Characterization of the DNA of the hamster papovavirus: I. Genom length and molecular cloning. Vogel F, et al. **Arch Geschwulstforsch** 1984;54(6):433–41

Nucleic acid probes in diagnosis of viral diseases of man. Brief review. Kulski JK, et al. **Arch Virol** 1985;83(1–2):3–15 (58 ref.)

The energetics of the injection process of bacteriophage lambda DNA and the role of the ptsM/pel-encoded protein. Filali Maltouf AK, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1093–101

Bovine leukemia virus post-envelope gene coded protein: evidence for expression in natural infection. Yoshinaka Y, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):347–54

Regulation of bacteriophage mu and mini-mu DNA replication in vivo. DuBow MS, et al. **Biochem Int** 1985 Jun;10(6):945–53

Action of intact AP (apurinic/apyrimidinic) sites and AP sites associated with breaks on the transcription of T7 coliphage DNA by Escherichia coli RNA polymerase. Flamée PA, et al. **Biochem J** 1985 Jul 1;229(1):173–81

Enhancement of DNA-mediated gene transfer by high-Mr carrier DNA in synchronized CV-1 cells. Strain AJ, et al. **Biochem J** 1985 Jan 15;225(2):529–33

IgG binding enhances DNAase I sensitivity of N-acetoxy-N-2-acetylaminofluorene-modified phi X-174 RF DNA. Bases R, et al. **Biochim Biophys Acta** 1985 May 24;825(1):80–8

Regulation of intracisternal A particles in mouse teratocarcinoma cells: involvement of DNA methylation in transcriptional control. Hojman-Montes de Oca F, et al. **Biol Cell** 1984;52(3):199–204

Genome analysis of virulent and attenuated strains of canine parainfluenza virus. Yonezawa Y. **Br Vet J** 1985 Mar–Apr;141(2):192–4

In vitro recombination of bacteriophage T7 DNA: further characterization of the reaction using plasmid DNA. Lee D, et al. **Can J Biochem Cell Biol** 1985 Apr;63(4):243–8

In vitro concatemerization of bacteriophage T7 DNA: role of DNA synthesis and gene 6 exonuclease. Lee DD, et al. **Can J Biochem Cell Biol** 1985 Apr;63(4):237–42

The PLC/PRF/5 human hepatoma cell line. II. Chromosomal assignment of hepatitis B virus integration sites. Bowcock AM, et al. **Cancer Genet Cytogenet** 1985 Sep;18(1):19–26

Isomerization of herpes simplex virus 1 genome: identification of the cis-acting and recombination sites within the domain of the a sequence. Chou J, et al. **Cell** 1985 Jul;41(3):803–11

Mechanism of transposition of bacteriophage Mu: structure of a transposition intermediate. Craigie R, et al. **Cell** 1985 Jul;41(3):867–76

G inversion in bacteriophage Mu DNA is stimulated by a site within the invertase gene and a host factor. Kahmann R, et al. **Cell** 1985 Jul;41(3):771–80

Mechanism of transposition of bacteriophage Mu: polarity of the strand transfer reaction at the initiation of transposition. Mizuuchi K. **Cell** 1984 Dec;39(2 Pt 1):395–404

Nucleotide sequence of the AIDS virus, LAV. Wain-Hobson S, et al. **Cell** 1985 Jan;40(1):9–17

Microinjection of simian adenovirus SA7 (C-8) DNA into the mouse zygotes: differential distribution of viral DNA in organs. Gazaryan KG, et al. **Cell Differ** 1984 Oct;14(4):267–76

Transposition of bacteriophage mu DNA: expression of the A and B proteins from lambda pL and analysis of infecting mu DNA. Chaconas G, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:279–84

Nonreplicative DNA transposition: integration of infecting bacteriophage mu. Harshey RM. **Cold Spring Harbor Symp Quant Biol** 1984;49:273–8

RecF and RecBC function during recombination of nonreplicating, UV-irradiated phage lambda DNA and during other recombination processes. Hays JB, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:475–83

The bacteriophage P1 site-specific recombinase cin: recombination events and DNA recognition sequences. Iida S, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:769–77

Substrate and enzyme requirements for in vitro site-specific recombination in bacteriophage mu. Kahmann R, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:285–94

Comparative analysis of invertible DNA in phage genomes. Kamp D, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:301–11

Lambda integrative recombination: supercoiling, synapsis, and strand exchange. Kitts P, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:735–44

On the mu repressor and early DNA intermediates of transposition. Krause HM, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:827–34

Site-specific recombination systems of phages phi 80 and P22: binding sites of integration host factor and recombination-induced mutations. Leong JM, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:707–14

The mechanism of transposition of bacteriophage mu. Mizuuchi K, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:835–8

In vitro systems for genetic recombination of the DNAs of bacteriophage T7 and yeast 2-micron circle. Sadowski PD, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:789–96

Programming of DNA rearrangements involving mu prophages. Shapiro JA, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:313–20

Integrative recombination--a role for the retroviral reverse transcriptase. Skalka AM, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:651–9

Quantitative analysis of the contributions of enzyme and DNA to the structure of lambda integrative recombinasomes. Spengler SJ, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:745–9

Nucleotide sequences of adenovirus DNAs. van Ormondt H, et al. **Curr Top Microbiol Immunol** 1984;110:73–142 (75 ref.)

The presence of bovine papillomavirus type 4 DNA is not required for the progression to, or the maintenance of, the malignant state in cancers of the alimentary canal in cattle. Campo MS, et al. **EMBO J** 1985 Jul;4(7):1819–25

A direct analysis of transcribed minichromosomes: all transcribed SV40 minichromosomes have a nuclease-hypersensitive region within a nucleosome-free domain. Choder M, et al. **EMBO J** 1984 Dec 1;3(12):2929–36

The origin of adenovirus DNA replication: minimal DNA sequence requirement in vivo. Hay RT. **EMBO J** 1985 Feb;4(2):421–6

The nucleotide sequence of maize streak virus DNA. Mullineaux PM, et al. **EMBO J** 1984 Dec 20;3(13):3063–8

A human hepatitis B viral enhancer element. Shaul Y, et al. **EMBO J** 1985 Feb;4(2):427–30

Cloned single- and double-stranded DNA copies of potato spindle tuber viroid (PSTV) RNA and co-inoculated subgenomic DNA fragments are infectious. Tabler M, et al. **EMBO J** 1984 Dec 20;3(13):3055–62

Co-transcribed 3' host sequences augment expression of integrated hepatitis B virus DNA. von Loringhoven AF, et al. **EMBO J** 1985 Jan;4(1):249–55

Origin of replication in episomal bovine papilloma virus type 1 DNA isolated from transformed cells. Waldeck W, et al. **EMBO J** 1984 Sep;3(9):2173–8

SV40 chromatin structure is not essential for viral gene expression. Graessmann A, et al. **FEBS Lett** 1985 Jan 1;179(1):41–5

Expression of Semliki Forest virus capsid protein from SV40 recombinant virus. Jalanko A. **FEBS Lett** 1985 Jul 1;186(1):59–64

Replacement of the deoxycytidine residues in Rhizobium bacteriophage RL38JI DNA. Swinton D, et al. **FEBS Lett** 1985 May 20;184(2):294–8

Partial sequence homology between retroviruses of various species in the C-terminal part of the env gene. Drescher B, et al. **Folia Biol (Praha)** 1985;31(2):93–106

Molecular cloning of integrated proviral DNA of bovine leukaemia virus from virus-producing foetal lamb kidney cells. Nyakatura G, et al. **Folia Biol (Praha)** 1985;31(2):115–20

Sequence analysis of a region from the early right operon in phage P22 including the replication genes 18 and 12. Backhaus H, et al. **Gene** 1984 Dec;32(3):289–303

Nucleotide sequence of cloned DNA segments of the Haemophilus influenzae bacteriophage HP1c1. Benjamin RC, et al. **Gene** 1984 Nov;31(1–3):173–85

An Escherichia coli recBCsbcBrecF host permits the deletion-resistant propagation of plasmid clones containing the 5'-terminal palindrome of minute virus of mice. Boissy R, et al. **Gene** 1985;35(1–2):179–85

Comparison of left-end DNA sequences of bacteriophages Mu and D108. Bukhari AI, et al. **Gene** 1985;33(2):235–9

Characterization of recognition sites on bacteriophage HP1c1 DNA which interact with the DNA uptake system of Haemophilus influenzae Rd. Fitzmaurice WP, et al **Gene** 1984 Nov;31(1–3):187–96

Nucleotide sequence and properties of the cohesive DNA termini from bacteriophage HP1c1 of Haemophilus influenzae Rd. Fitzmaurice WP, et al. **Gene** 1984 Nov;31(1–3):197–203

The nucleotide sequence of the early region of the Tupaia adenovirus DNA corresponding to the oncogenic region E1b of human adenovirus 7. Flügel RM, et al. **Gene** 1985;

34(1):73–80

A plasmid cloning system utilizing replication and packaging functions of the filamentous bacteriophage fd. Geider K, et al. **Gene** 1985;33(3):341–9

A novel deletion found during cloning of a synthetic palindromic DNA. Goodchild J, et al. **Gene** 1985; 33(3):367–71

Regulation of Mu transposition. I. Localization of the presumed recognition sites for HimD and Ner functions controlling bacteriophage Mu transcription. Goosen N, et al. **Gene** 1984 Oct;30(1–3):41–6

The DNA between Rz and cosR in bacteriophage lambda is nonessential. Hernandez VJ, et al. **Gene** 1985;33(3):363–5

Complete nucleotide sequence of hepatitis B virus DNA of subtype adr and its conserved gene organization. Kobayashi M, et al. **Gene** 1984 Oct;30(1–3):227–32

The maturation of coliphage lambda DNA in the absence of its packaging. Murialdo H, et al. **Gene** 1984 Oct; 30(1–3):183–94

Nucleotide sequences in human chromosomal DNA from nonhepatic tissues homologous to the hepatitis B virus genome. Naumova AK, et al. **Gene** 1985;35(1–2):19–25

Cloned infectious complementary DNA of the poliovirus Sabin 1 genome: biochemical and biological properties of the recovered virus. Omata T, et al. **Gene** 1984 Dec; 32(1–2):1–10

Rapid restriction mapping of DNA cloned in lambda phage vectors. Rackwitz HR, et al. **Gene** 1984 Oct; 30(1–3):195–200

Nucleotide sequence of a major class-III phage-T3 RNA-polymerase promoter located at 98.0% of phage-T3 genetic map. Sarkar P, et al. **Gene** 1985;33(3):351–5

A portable DNA sequence carrying the cohesive site (cos) of bacteriophage lambda and the mob (mobilization) region of the broad-host-range plasmid RK2: a module for the construction of new cosmids. Selvaraj G, et al. **Gene** 1984 Dec;32(1–2):235–41

Tandem repeated DNA in an intergenic region of herpes simplex virus type 1 (Patton). Umene K, et al. **Gene** 1984 Oct;30(1–3):33–9

Isolation of human DNAs homologous to the BamHI-Z fragment of herpes simplex virus type 1 DNA. Umene K, et al. **Gene** 1984 Nov;31(1–3):9–16

Genome analysis of BK (WW) virel DNA cloned directly from human urine. Chauhan S, et al. **Intervirology** 1984; 22(3):170–6

Characterization of the DNA of canine adenovirus by restriction enzyme analysis. Darai G, et al. **Intervirology** 1985;23(1):23–8

Cloning and characterization of papillomavirus type 2c DNA. Fuchs PG, et al. **Intervirology** 1984;22(3):177–80

Molecular pathogenesis of equine coital exanthema: restriction endonuclease digestions of EHV-3 DNA and indications of a unique XbaI cleavage site. Jacob RJ, et al. **Intervirology** 1985;23(3):172–80

Integration of a temperate phage infecting Spiroplasma citri. Dickinson MJ, et al. **Isr J Med Sci** 1984 Sep;20(9):785–7

Characterization of spiroplasma virus group 4 (SV4). Renaudin J, et al. **Isr J Med Sci** 1984 Sep;20(9):797–9

Revised restriction maps of Bacillus subtilis bacteriophage phi 105 DNA. Anaguchi H, et al. **J Bacteriol** 1984 Sep; 159(3):1080–2

Presence of DNA, encoding parts of bacteriophage tail fiber genes, in the chromosome of Escherichia coli K-12. Riede I, et al. **J Bacteriol** 1985 Sep;163(3):832–6

Effects of genome size on bacteriophage phi X174 DNA packaging in vitro. Aoyama A, et al. **J Biol Chem** 1985 Sep 15;260(20):11033–8

Rho-dependent transcription termination at lambda R1 requires upstream sequences. Lau LF, et al. **J Biol Chem** 1985 Jan 10;260(1):574–84

Isolation and characterization of six new genome types of human adenovirus types 1 and 2. Fife KH, et al. **J Clin Microbiol** 1985 Jan;21(1):20–3

The isolation of lambda phage carrying DNA from the histidine and isoleucine-valine regions of the Bacillus subtilis chromosome. Walton DA, et al. **J Gen Microbiol** 1984 Jun;130 (Pt 6):1577–86

Human papillomavirus type 16 recombinant DNA is maintained as an autonomously replicating episome in monkey kidney cells. Chesters PM, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):615–20

DNA sequence of the major inverted repeat in the varicella-zoster virus genome. Davison AJ, et al. **J Gen Virol** 1985 Feb;66 (Pt-2):207–20

Chromatin structure of Epstein-Barr virus. Dyson PJ, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):1931–40

Interaction between Epstein-Barr virus-determined nuclear antigen (EBNA) and the viral DNA. Gergely L, et al. **J Gen Virol** 1984 Nov;65 (Pt 11):2043–8

Herpes simplex and 'the herpes complex': diverse observations and a unifying hypothesis. The eighth Fleming lecture. Honess RW. **J Gen Virol** 1984 Dec;65 (Pt 12):2077–107

Transcription of episomal papillomavirus DNA in human condylomata acuminata and Buschke-Löwenstein tumours. Lehn H, et al. **J Gen Virol** 1984 Nov;65 (Pt 11):2003–10

Hemagglutination assay of polypeptide coded by the pre-S region of hepatitis B virus DNA with monoclonal antibody: correlation of pre-S polypeptide with the receptor for polymerized human serum albumin in serums containing hepatitis B antigens. Okamoto H, et al. **J Immunol** 1985 Feb;134(2):1212–6

Analysis of two potential shuttle vectors containing herpes simplex virus defective DNA. Bear SE, et al. **J Mol Appl Genet** 1984;2(5):471–84

Phage P1 Cre-loxP site-specific recombination. Effects of DNA supercoiling on catenation and knotting of recombinant products. Abremski K, et al. **J Mol Biol** 1985 Jul 20;184(2):211–20

Extent of sequence homology required for bacteriophage lambda site-specific recombination. Bauer CE, et al. **J Mol Biol** 1985 Jan 20;181(2):187–97

Identification of herpes simplex virus DNA sequences which encode a trans-acting polypeptide responsible for stimulation of immediate early transcription. Campbell ME, et al. **J Mol Biol** 1984 Nov 25;180(1):1–19

Bacteriophage P2 late promoters. II. Comparison of the four late promoter sequences. Christie GE, et al. **J Mol Biol** 1985 Feb 5;181(3):373–82

Long range base-pairing in the leftward transcription unit of bacteriophage lambda. Characterization by electron microscopy and computer-aided sequence analysis. Edlind TD, et al. **J Mol Biol** 1984 Nov 5;179(3):351–65

The replication of bacteriophage P4 DNA in vitro. Partial purification of the P4 alpha gene product. Krevolin MD, et al. **J Mol Biol** 1985 Apr 20;182(4):509–17

Nucleotide sequence and genetic organization of the genome of the N-specific filamentous bacteriophage IKe. Comparison with the genome of the F-specific filamentous phages M13, fd and f1. Peeters BP, et al. **J Mol Biol** 1985 Jan 5;181(1):27–39

Mutations that alter the DNA binding site for the bacteriophage lambda cII protein and affect the translation efficiency of the cII gene. Place N, et al. **J Mol Biol** 1984 Dec 25;180(4):865–80

Replication of adeno-associated virus DNA. Complementation of naturally occurring rep- mutants by a wild-type genome or an ori- mutant and correction of terminal palindrome deletions. Senapathy P, et al. **J Mol Biol** 1984 Oct 15;179(1):1–20

A transcription enhancer acts in vitro over distances of hundreds of base-pairs on both circular and linear templates but not on chromatin-reconstituted DNA. Sergeant A, et al. **J Mol Biol** 1984 Dec 15;180(3):577–600

Pattern of nucleotide substitution and the extent of purifying selection in retroviruses. Graur D. **J Mol Evol** 1984–85; 21(3):221–31

Selection pressures on codon usage in the complete genome of bacteriophage T7. Sharp PM, et al. **J Mol Evol** 1984–85; 21(2):150–60

Specific properties of two enteric adenovirus 41 clones mapped within early region 1A. Allard AK, et al. **J Virol** 1985 Apr;53(4):145–50

Terminal repetitive sequences in herpesvirus saimiri virion DNA. Bankier AT, et al. **J Virol** 1985 Jul;55(1):133–9

SMX-1 virus-induced inhibition of ecotropic and recombinant proviral sequence amplification in thymuses of AKR mice. Buchhagen DL, et al. **J Virol** 1984 Nov; 52(2):624–9

Isolation of a polyomavirus with an insertion of foreign DNA in the early gene promoter region. Clark KL, et al. **J Virol** 1984 Dec;52(3):1032–5

Nucleotide sequence of a human cytomegalovirus DNA fragment encoding a 67-kilodalton phosphorylated viral protein. Davis MG, et al. **J Virol** 1985 Oct;56(1):7–11

Structure and physical map of Rhodopseudomonas sphaeroides bacteriophage RS1 DNA. Donohue TJ, et al. **J Virol** 1985 Jul;55(1):147–57

Molecular cloning and nucleotide sequence of deer papillomavirus. Groff DE, et al. **J Virol** 1985 Oct; 56(1):85–91

Electron microscopic evidence for replication of circular Epstein-Barr virus genomes in latently infected Raji cells. Gussander E, et al. **J Virol** 1984 Nov;52(2):549–56

Random association of Epstein-Barr virus genomes with host cell metaphase chromosomes in Burkitt's lymphoma-derived cell lines. Harris A, et al. **J Virol** 1985 Oct;56(1):328–32

Proviral genome of radiation leukemia virus: molecular cloning of biologically active proviral DNA and nucleotide sequence of its long terminal repeat. Janowski M, et al. **J Virol** 1985 Jul;55(1):251–5

Inversion and circularization of the varicella-zoster virus genome. Kinchington PR, et al. **J Virol** 1985 Oct; 56(1):194–200

Molecular cloning and physical mapping of the tupaia herpesvirus genome. Koch HG, et al. **J Virol** 1985 Jul; 55(1):86–95

Reverse transcription of retroviral genomes: mutations in the terminal repeat sequences. Lobel LI, et al. **J Virol** 1985 Feb;53(2):447–55

Classification of herpesvirus saimiri into three groups based on extreme variation in a DNA region required for oncogenicity. Medveczky P, et al. **J Virol** 1984 Dec; 52(3):938–44

P3HR-1 Epstein-Barr virus with heterogeneous DNA is an independent replicon maintained by cell-to-cell spread. Miller G, et al. **J Virol** 1985 Apr;53(4):45–52

Nucleotide sequence and structural features of a novel US-a junction present in a defective herpes simplex virus genome. Mocarski ES, et al. **J Virol** 1985 Jul;55(1):140–6

Integration of spleen focus-forming virus proviruses in Friend tumor cells. Moreau-Gachelin F, et al. **J Virol** 1985 Jan;53(1):292–5

Identification of the DNA sequences encoding the large subunit of the mRNA-capping enzyme of vaccinia virus. Morgan JR, et al. **J Virol** 1984 Oct;52(1):206–14

Positive and negative control sequences within the distal domain of the adenovirus IVa2 promoter overlap with the major late promoter. Natarajan V, et al. **J Virol** 1985 Jul; 55(1):10–5

Interferon prevents the generation of spontaneous deletions at the left terminus of vaccinia virus DNA. Paez E, et al. **J Virol** 1985 Oct;56(1):75–84

Herpes simplex virus cloned DNA fragments induce coumermycin A1 resistance in Escherichia coli. Pearson RE, et al. **J Virol** 1984 Nov;52(2):370–6

A tandemly reiterated DNA sequence in the long repeat region of herpes simplex virus type 1 found in close proximity to immediate-early mRNA 1. Rixon FJ, et al. **J Virol** 1984 Nov;52(2):715–8

Construction of bacteriophage luminal diameterX174 mutants with maximum genome sizes. Russell PW, et al. **J Virol** 1984 Dec;52(3):822–7

Localization and analysis of bovine papillomavirus type 1 transforming functions. Sarver N, et al. **J Virol** 1984 Nov; 52(2):377–88

Transfection of REP- mycoplasmas with viral single-stranded DNA. Sladek TL, et al. **J Virol** 1985 Jan; 53(1):25–31

Transformation of Brown Leghorn chicken embryo fibroblasts by avian myeloblastosis virus proviral DNA. Soret J, et al. **J Virol** 1985 Jul;55(1):193–205

Deletion mutants of Bacillus subtilis bacteriophage SP beta. Spancake GA, et al. **J Virol** 1985 Jul;55(1):39–44

Cloned duck hepatitis B virus DNA is infectious in Pekin ducks. Sprengel R, et al. **J Virol** 1984 Dec;52(3):932–7

Structure of the heterogeneous L-S junction region of human cytomegalovirus strain AD169 DNA. Tamashiro JC, et al. **J Virol** 1984 Nov;52(2):541–8

Formation of a cruciform structure at the simian virus 40 replication origin abolishes T-antigen binding to the origin in vitro. Tenen DG, et al. **J Virol** 1985 Oct;56(1):293–7

Concerted DNA rearrangements in Moloney murine leukemia virus-induced thymomas: a potential synergistic relationship in oncogenesis. Tsichlis PN, et al. **J Virol** 1985 Oct;56(1):258–67

Isolation of novel herpes simplex virus type 1 derivatives with tandem duplications of DNA sequences encoding immediate-early mRNA-5 and an origin of replication. Umene K, et al. **J Virol** 1985 Feb;53(2):607–15

Errant processing and structural alterations of genomes present in a varicella-zoster virus vaccine. Vlazny DA, et al. **J Virol** 1985 Oct;56(1):92–101

Latent and viral replicative transcription in vivo from the BamHI K fragment of Epstein-Barr virus DNA. Weigel R, et al. **J Virol** 1985 May;54(2):501–8

Lack of evidence for methylation of parental and newly synthesized adenovirus type 2 DNA in productive infections. Wienhues U, et al. **J Virol** 1985 Oct;56(1):320–4

Origin binding by a 100,000-dalton super-T antigen from SVT2 cells. Wilson VG, et al. **J Virol** 1985 Oct;56(1):102–9

Sequence comparisons of the anemia- and polycythemia-inducing strains of Friend spleen focus-forming virus. Wolff L, et al. **J Virol** 1985 Feb; 53(2):570–8

Methods for comparing sequence data such as restriction endonuclease maps or nucleotide sequences of viral nucleic acid molecules. Gibbs A, et al. **J Virol Methods** 1984 Dec; 9(4):317–24

Transduction of virulence in herpes simplex virus type 1 from a pathogenic to an apathogenic strain by a cloned viral DNA fragment. Rösen A, et al. **Med Microbiol Immunol (Berl)** 1985;173(5):257–78

Transcription termination regions of coliphage T7 DNA: the effects of nusA1. Garner I, et al. **MGG** 1985;200(2):295–301

DNA homology and adsorption specificity of Pseudomonas aeruginosa virulent bacteriophages. Kulakov LA, et al. **MGG** 1985;200(1):123–7

Restriction cleavage maps of the DNAs of Streptococcus pneumoniae bacteriophages containing protein covalently bound to their 5' ends. López R, et al. **MGG** 1984; 197(1):67–74

Bacteriophage phi 29 DNA replication in vitro: participation of the terminal protein and the gene 2 product in elongation. Matsumoto K, et al. **MGG** 1984;196(3):381–6

DNA sequence heterogeneity in the genes of T-even type Escherichia coli phages encoding the receptor recognizing protein of the long tail fibers. Riede I, et al. **MGG** 1984; 195(1–2):144–52

pac sites are indispensable for in vivo packaging of DNA by phage P22. Schmieger H. **MGG** 1984;195(1–2):252–5

An electron microscopic heteroduplex study of the sequence relations between the bacteriophages LP52 and theta. Storchová H, et al. **MGG** 1985;199(3):476–80

Bacteriophage lambda replication proteins: formation of a mixed oligomer and binding to the origin of lambda DNA. Zylicz M, et al. **MGG** 1984;196(3):401–6

DNA sequence analysis of the EcoRI Dhet fragment of B95-8 Epstein-Barr virus containing the terminal repeat sequences. Bankier AT, et al. **Mol Biol Med** 1983 Nov; 1(4):425–45

Nucleotide sequence of the transforming region of human cytomegalovirus. Kouzarides T, et al. **Mol Biol Med** 1983 Jul;1(1):47–58

Linear simian virus 40 DNA fragments exhibit a propensity for rolling-circle replication. Deichaite I, et al. **Mol Cell Biol** 1985 Jul;5(7):1787–90

Circular and linear simian virus 40 DNAs differ in recombination. Dorsett D, et al. **Mol Cell Biol** 1985 Apr;5(4):869–80

Repeat arrays in cellular DNA related to the Epstein–Barr virus IR3 repeat. Heller M, et al. **Mol Cell Biol** 1985 Mar;5(3):457–65

Nucleotide sequence analysis and enhancer function of long terminal repeats associated with an endogenous African green monkey retroviral DNA. Kessel M, et al. **Mol Cell Biol** 1985 Jun;5(6):1335–42

Transfected DNA is mutated in monkey, mouse, and human cells. Lebkowski JS, et al. **Mol Cell Biol** 1984 Oct;4(10):1951–60

Conformation takes precedence over sequence in adeno-associated virus DNA replication. Lefebvre RB, et al. **Mol Cell Biol** 1984 Jul;4(7):1416–9

Integration and expression of several molecular forms of Rous sarcoma virus DNA used for transfection of mouse cells. Luciw PA, et al. **Mol Cell Biol** 1984 Jul;4(7):1260–9

Monoclonal proliferation of Friend murine leukemia virus-transformed myeloblastic cells occurs early in the leukemogenic process. Sola B, et al. **Mol Cell Biol** 1985 May;5(5):1009–14

The simian virus 40 sequences between 0.169 and 0.423 map units are not essential to immortalize early-passage rat embryo cells. Sompayrac L, et al. **Mol Cell Biol** 1985 May;5(5):1191–4

Mapping of DNase I-hypersensitive sites in the 5' and 3' long terminal repeats of integrated moloney murine leukemia virus proviral DNA. Thompson T, et al. **Mol Cell Biol** 1985 Apr;5(4):601–9

Inactivation of p53 gene expression by an insertion of Moloney murine leukemia virus-like DNA sequences. Wolf D, et al. **Mol Cell Biol** 1984 Jul;4(7):1402–10

Host-cell reactivation of cis-diamminedichloroplatinum(II)-treated SV40 DNA in normal human, Fanconi anaemia and xeroderma pigmentosum fibroblasts. Poll EH, et al. **Mutat Res** 1984 Nov–Dec;132(5–6):181–7

Mutagenesis at putative apurinic sites in alkylated single-stranded DNA of parvovirus H-1 propagated in human cells. Su ZZ, et al. **Mutat Res** 1985 Mar;149(1):1–8

Genetic effects of injection of Rous sarcoma virus DNA into polar plasm of early Drosophila melanogaster embryos. Gazaryan KG, et al. **Nature** 1984 Sep 27–Oct 3;311(5984):392–4

Molecular cloning and characterization of the HTLV-III virus associated with AIDS. Hahn BH, et al. **Nature** 1984 Nov 8–14;312(5990):166–9

Detection of virus-specific sequences in Drosophila melanogaster mutants induced by injection of RSV DNA into early embryos. Tatosyan AG, et al. **Nature** 1984 Sep 27–Oct 3;311(5984):394–5

Physical structure and genetic organisation of the genome of maize streak virus (Kenyan isolate). Howell SH. **Nucleic Acids Res** 1984 Oct 11;12(19):7359–75

The genetic organization of integrated hepatitis B virus DNA in the human hepatoma cell line PLC/PRF/5. Koch S, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6871–86

DNAaseI-hypersensitive minichromosomes of SV40 possess an elastic torsional strain in DNA. Luchnik AN, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1135–49

Site-specificity of abnormal excision: the mechanism of formation of a specialized transducing bacteriophage lambda plac5. Shpakovski GV, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6779–95

Isolation of a fraction from cauliflower mosaic virus-infected protoplasts which is active in the synthesis of (+) and (-) strand viral DNA and reverse transcription of primed RNA templates. Thomas CM, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4557–76

Generation and functional analyses for base-substitution mutants of the adenovirus 2 major late promoter. Yu YT, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9309–21

Activation of expression of latent Epstein–Barr herpesvirus after gene transfer with a small cloned subfragment of heterogeneous viral DNA. Countryman J, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4085–9

U2 region of Epstein–Barr virus DNA may encode Epstein–Barr nuclear antigen 2. Dambaugh T, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7632–6

Direct transfection of viral and plasmid DNA into the liver or spleen of mice. Dubensky TW, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7529–33

DNA damage related to increased hydrogen peroxide generation by hypolipidemic drug-induced liver peroxisomes. Fahl WE, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7827–30

Functional activation of the long terminal repeat of human T-cell leukemia virus type I by a trans-acting factor. Fujisawa J, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2277–81

Genomic structure of the cottontail rabbit (Shope) papillomavirus. Giri I, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1580–4

Slow virus visna: reproduction in vitro of virus from extrachromosomal DNA. Harris JD, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7212–5

The retrovirus pol gene encodes a product required for DNA integration: identification of a retrovirus int locus. Panganiban AT, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7885–9

Nucleotide sequence and predicted amino acid sequence of a protein encoded in a small herpes simplex virus DNA fragment capable of trans-inducing alpha genes. Pellett PE, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5870–4

Hormonal response region in the mouse mammary tumor virus long terminal repeat can be dissociated from the proviral promoter and has enhancer properties. Ponta H, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1020–4

Identification of a second transforming region in bovine papillomavirus DNA. Schiller JT, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7880–4

Evidence that a major class of mouse endogenous long terminal repeats (LTRs) resulted from recombination between exogenous retroviral LTRs and similar LTR-like elements (LTR-IS). Schmidt M, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6696–700

Kinetic analysis of mutations affecting the cII activation site at the PRE promoter of bacteriophage lambda. Shih MC, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6432–6

Efficient insertion of genes into the mouse germ line via retroviral vectors. van der Putten H, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6148–52

Use of short DNA oligonucleotides for determination of DNA sequence modifications induced by benzo[a]pyrene diol epoxide. Wei SJ, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5936–40

Duck hepatitis B virus DNA in liver and serum of Chinese ducks: integration of viral DNA in a hepatocellular carcinoma. Yokosuka O, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5180–4

The nucleotide sequence of surface antigen gene of hepatitis B virus subtype adr. Gan RB, et al. **Sci Sin [B]** 1984 Sep;27(9):926–35

Molecular cloning and characterization of the cDNA coding for hepatitis B virus surface antigen. He BG, et al. **Sci Sin [B]** 1985 Jan;28(1):49–59

Thermosensitivity of a DNA recognition site: activity of a truncated nutL antiterminator of coliphage lambda. Peltz SW, et al. **Science** 1985 Apr 5;228(4695):91–3

Nucleotide sequence and expression of an AIDS-associated retrovirus (ARV-2). Sanchez-Pescador R, et al. **Science** 1985 Feb 1;227(4686):484–92

Replication of pSV2-gpt in COS-1 cells: stability of plasmid DNA in the presence and absence of biochemical selection. Tsui LC, et al. **Somatic Cell Mol Genet** 1985 Mar;11(2):167–76

Molecular clones of endogenous murine leukemia virus-related DNA sequences from Balb/c mice: characterization of integration sites. Bacheler LT. **Virology** 1984 Oct 15;138(1):129–42

Differential association with cellular substructures of pseudorabies virus DNA during early and late phases of replication. Ben-Porat T, et al. **Virology** 1984 Dec;139(2):205–22

Rescue of BKV from BKV-transformed hamster, rat, and mouse cells: correlation with levels of nonintegrated viral DNA. Burrington MG, et al. **Virology** 1984 Oct 15;138(1):168–73

DNA sequence of the early E3 transcription unit of adenovirus 5. Cladaras C, et al. **Virology** 1985 Jan 15;140(1):28–43

Nucleotide sequence of a herpes simplex virus type 1 gene that causes cell fusion. Debroy C, et al. **Virology** 1985 Aug;145(1):36–48

The methylation pattern of endogenous mouse mammary tumor virus proviral genes is tissue specific and stably inherited. Günzburg WH, et al. **Virology** 1984 Oct 30;138(2):212–24

Long terminal repeat structure of an American isolate of type I human T-cell leukemia virus. Josephs SF, et al. **Virology** 1984 Dec;139(2):340–5

Sequence of the DNA-binding protein of a human subgroup E adenovirus (type 4): comparisons with subgroup A (type 12), subgroup B (type 7), and subgroup C (type 5). Kitchingman GR. **Virology** 1985 Oct 15;146(1):90–101

Functional analysis of reverse transcription by a frameshift pol mutant of murine leukemia virus. Messer LI, et al. **Virology** 1985 Oct 15;146(1):146–52

Hepatitis B viral DNA-RNA hybrid molecules in particles from infected liver are converted to viral DNA molecules during an endogenous DNA polymerase reaction. Miller RH, et al. **Virology** 1984 Nov;139(1):64–72

Hepatitis B virus particles of plasma and liver contain viral DNA-RNA hybrid molecules. Miller RH, et al. **Virology** 1984 Nov;139(1):53–63

Porcine parvovirus DNA: characterization of the genomic and replicative form DNA of two virus isolates. Molitor TW, et al. **Virology** 1984 Sep;137(2):241–54

Polar encapsidation of adenovirus DNA: evolutionary variants reveal dispensable sequences near the left ends of Ad3 genomes. Robinson CC, et al. **Virology** 1984 Sep;137(2):276–86

Mapping of Epstein–Barr virus proteins on the genome by translation of hybrid-selected RNA from induced P3HR1 cells and induced Raji cells. Seibl R, et al. **Virology** 1985 Feb;141(1):1–13

Characterization and physical map of choleraphage phi 149 DNA. Sengupta A, et al. **Virology** 1985 Jan 30;140(2):217–29

Alterations of the bacteriophage T7 and T3 DNA packaging pathway in Escherichia coli mutant TSN B. Serwer P, et al. **Virology** 1985 Jan 15;140(1):80–90

[Statistical study of the nucleotide sequence of a prokaryotic promoter. Structural elements determining the efficacy of the transcription initiation stages] Artem'ev IV, et al. **Bioorg Khim** 1983 Nov;9(11):1544–57 (Eng. Abstr.) (Rus)

[Cloning and primary structure of DNA copies of genome fragments of the tick-borne encephalitis virus] Chumakov MP, et al. **Bioorg Khim** 1983 Feb;9(2):276–9 (Eng. Abstr.) (Rus)

[Phage T7 RNA-polymerase: gene cloning and its structure] Grachev MA, et al. **Bioorg Khim** 1984 Jun;10(6):824–43 (Eng. Abstr.) (Rus)

[Synthesis of a 33-member polynucleotide containing the 'core' att site of phage lambda DNA and its cloning] Kravchenko VV, et al. **Bioorg Khim** 1984 Feb;10(2):220–5 (Eng. Abstr.) (Rus)

[Structure of a recombination site in the transducing bacteriophage lambda plac5 DNA] Shpakovskii GV, et al. **Bioorg Khim** 1983 May;9(5):711–3 (Eng. Abstr.) (Rus)

[Synthesis and expression of the DNA fragment coding the antigenic determinant of the surface antigen protein of hepatitis B virus] Smirnov VD, et al. **Bioorg Khim** 1983 Oct;9(10):1388–94 (Eng. Abstr.) (Rus)

[Construction of a gene library using partial filling of DNA sticky ends] Zabarovskii ER, et al. **Bioorg Khim** 1985 Jun;11(6):849–52 (Eng. Abstr.) (Rus)

[Establishment of a continuous restringently infected lymphoblastic cell line after transfection of a Vero monolayer culture by the circular DNA of a Papio herpesvirus] Lapin BA, et al. **Dokl Akad Nauk SSSR** 1984;278(2):472–4 (Rus)

[Mutagenicity of the DNA of the herpes simplex virus and of plasmid pBR325tk in cultured mammalian cells] Rubashevskii EL, et al. **Dokl Akad Nauk SSSR** 1984;279(3):752–4 (Rus)

[Construction of complete libraries of DNA EcoRI-fragments of human herpes simplex viruses types 1 and 2] Zhidkova NI, et al. **Dokl Akad Nauk SSSR** 1984;277(3):710–2 (Rus)

[Structural organization of the Epstein–Barr virus genome] D'iachenko AG. **Eksp Onkol** 1984;6(4):3–10 (52 ref.) (Eng. Abstr.) (Rus)

[Isolation and characteristics of the fibroblast cell line of rats cotransformed by the DNA of simian adenovirus SA7 (C8) and hepatitis B virus] Potebnia GP, et al. **Eksp Onkol** 1984;6(2):35–8 (Eng. Abstr.) (Rus)

[Reproduction and assembly of oncoviruses] Sherban SD, et al. **Eksp Onkol** 1984;6(5):3–9 (75 ref.) (Eng. Abstr.) (Rus)

[Induction of unstable mutations in Drosophila melanogaster by the microinjection of oncogenic viruses and their DNA into early embryos] Gazarian KG, et al. **Genetika (Moskva)** 1984 Aug;20(8):1237–43 (Eng. Abstr.) (Rus)

[Possible mechanisms of the transforming and tumorigenic effects of DNA-containing animal viruses] Gartel' AL, et al. **Mol Biol (Mosk)** 1985 May–Jun;19(3):581–96 (132 ref.) (Eng. Abstr.) (Rus)

[Introduction of DNA sequences of Rous sarcoma virus into Drosophila and mouse genomes by microinjections into ova] Gazarian KG, et al. **Mol Biol (Mosk)** 1985 May–Jun;19(3):760–6 (Eng. Abstr.) (Rus)

[Lambda plasmidophages and their properties] Mel'nikov AA, et al. **Mol Biol (Mosk)** 1985 May–Jun;19(3):610–6 (Eng. Abstr.) (Rus)

[The region of phage T4 W–29 genes: cloning and expression] Zograf IuN, et al. **Mol Biol (Mosk)** 1985 May–Jun;19(3):818–32 (Eng. Abstr.) (Rus)

[Recombination between adenoviral and cellular DNA] Gahlmann R, et al. **Vopr Virusol** 1984 Jul–Aug;29(4):399–410 (49 ref.) (Rus)

IMMUNOLOGY

Different Z DNA forming sequences are revealed in phi X174 RFI by high resolution darkfield immuno-electron microscopy. Revet B, et al. **EMBO J** 1984 Dec 20;3(13):3353–8

Characterization of a second Epstein–Barr virus-determined nuclear antigen associated with the BamHI WYH region of EBV DNA. Dillner J, et al. **Int J Cancer** 1985 Mar 15;35(3):359–66

ISOLATION & PURIFICATION

Isolation of lambda phage DNA by hydroxylapatite chromatography. Ivanov I, et al. **Anal Biochem** 1985 May 1;146(2):389–92

Function and structure of microvirid phage alpha 3 genome. II. Isolation and properties of various mutants of alpha 3. Kodaira K, et al. **Biochim Biophys Acta** 1984 Nov 22;783(2):171–8

Rapid large-scale purification of plasmid DNA by medium or low pressure gel filtration. Application: construction of thermoamplifiable expression vectors. Vo-Quang T, et al. **Biosci Rep** 1985 Feb;5(2):101–11

A new method for purifying lambda DNA from phage lysates. Helms C, et al. **DNA** 1985 Feb;4(1):39–49

Amplification and rearrangement in hepatoma cell DNA associated with integrated hepatitis B virus DNA. Koch

S, et al. **EMBO J** 1984 Sep;3(9):2185-9

Nucleotide sequences homologous to human T-cell leukemia virus are present in pig and wild boar cells. Hoshino H, et al. **Gann** 1984 Oct;75(10):849-52

Restriction enzyme analysis of human cytomegalovirus using DNA extracted from infected cells. Grillner L, et al. **J Med Virol** 1984;14(4):313-22

Circular Herpesvirus sylvilagus DNA in spleen cells of experimentally infected cottontail rabbits. Medveczky P, et al. **J Virol** 1984 Nov;52(2):711-4

High levels of cytoplasmic hepatitis B core antigen as reliable marker of HBV DNA replication [letter] Burrell CJ, et al. **Lancet** 1985 Feb 23;1(8426):454-5

Herpes simplex viral DNA in temporal lobe epilepsy [letter] Gannicliffe A, et al. **Lancet** 1985 Jan 26;1(8422):214-5

Identification of atypical strains of herpes simplex virus using a simplified DNA fingerprinting method. Hamelin C, et al. **Microbiol Immunol** 1984;28(6):723-9

Molecular characterization of the Epstein-Barr virus DNA in three new Burkitt's lymphoma-derived cell lines. Harris A, et al. **Mol Biol Med** 1984 Apr;2(2):135-50

Isolation of in vitro synthesized covalently closed circular double-stranded DNA by selective denaturation and filtration. Shenoy S, et al. **Prep Biochem** 1984-85; 14(5):485-97

Identification of a retrovirus-like repetitive element in human DNA. Mager DL, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7510-4

Comparison of methods for the isolation and purification of infectious laryngotracheitis virus DNA. Kotiw M, et al. **Vet Microbiol** 1984 Aug;9(4):415-9

The precursor complex of Pf3 bacteriophage. Casadevall A, et al. **Virology** 1985 Sep;145(2):260-72

Hepatitis B virus DNA forms in nuclear and cytoplasmic fractions of infected human liver. Miller RH, et al. **Virology** 1984 Sep;137(2):390-9

Physicochemical properties of the DNAs of the fastidious adenovirus species 40 and 41. van Loon AE, et al. **Virology** 1985 Jan 15;140(1):197-200

[Nucleic acid hybridization—an adjunct to microbiological diagnosis] Ranki M. **Duodecim** 1985;101(13):1260-5 **(Fin)**

[Isolation of nonintegrated forms of proviral DNA of oncogenic viruses using preparative electrophoresis] Fedorov SN, et al. **Eksp Onkol** 1984;6(2):39-41 (Eng. Abstr.) **(Rus)**

METABOLISM

Gene A protein of bacteriophage phi X174 is a highly specific single-strand nuclease and binds via a tyrosyl residue to DNA after cleavage. Van Mansfeld AD, et al. **Adv Exp Med Biol** 1984;179:221-30

The relationship between the antiviral activity of 5'-amino-5'-deoxythymidine and its incorporation into herpes simplex virus type 1 DNA. Otto MJ, et al. **Antiviral Res** 1984 Oct;4(5):271-80

Physical and biological consequences of incorporation of antiviral agents into virus DNA. Prusoff WH, et al. **Antiviral Res** 1984 Dec;4(6):303-15 (39 ref.)

Methylation and expression of bovine leukemia proviral DNA. Kashmiri SV, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):126-33

Bacteriophage phi X 174 A protein binds in vitro to the phage phi X 174 DNA by a phosphodiester bond via a tyrosine residue. Zolotukhin AS, et al. **Biochem Int** 1984 Dec; 9(6):799-806

Interaction of the antitumor agents cis,cis,trans-PtIV(NH3)2Cl2(OH)2 and cis,cis,trans-PtIV[(CH3)2CHNH2]2Cl2(OH)2 and their reduction products with PM2 DNA. Blatter EE, et al. **Biochemistry** 1984 Oct 9;23(21):4817-20

Interaction of AD2+D2 protein and simian virus 40 large T antigen with the large tumor antigen binding site I. Fisher EF, et al. **Biochemistry** 1984 Dec 4;23(25):5938-44

Lambda phage cro repressor interaction with its operator DNA: 2'-deoxy-5-fluorouracil OR3 analogues. Metzler WJ, et al. **Biochemistry** 1985 Mar 12;24(6):1418-24

Covalent and noncovalent receptor-glucocorticoid complexes preferentially bind to the same regions of the long terminal repeat of murine mammary tumor virus proviral DNA. Miller PA, et al. **Biochemistry** 1984 Dec 18;23(26):6883-9

Effect of polyamines and basic proteins on cleavage of DNA by restriction endonucleases. Pingoud A, et al. **Biochemistry** 1984 Nov 20;23(24):5697-703

Networks of DNA and RecA protein are intermediates in homologous pairing. Tsang SS, et al. **Biochemistry** 1985 Jun 18;24(13):3226-32

Hepatitis B virus DNA in saliva, urine, and seminal fluid of carriers of hepatitis B e antigen [letter] Dobbin AE. **Br Med J [Clin Res]** 1985 Jul 13;291(6488):138-9

Agarose gel electrophoretic analysis of damage to supercoiled DNA by adriamycin in the presence of beta-NADH dehydrogenase. Haidle CW, et al. **Cancer Biochem Biophys** 1985 Jun;8(1):47-59

Isolation of Z-DNA binding proteins from SV40 minichromosomes: evidence for binding to the viral control region. Azorin F, et al. **Cell** 1985 Jun;41(2):365-74

Site-specific recognition of the bacteriophage Mu ends by the Mu A protein. Craigie R, et al. **Cell** 1984 Dec;39(2 Pt 1):387-94

Retroviral DNA integration. Panganiban AT. **Cell** 1985 Aug; 42(1):5-6 (11 ref.)

Seventeen base pairs of region I encode a novel tripartite binding signal for SV40 T antigen. Ryder K, et al. **Cell** 1985 Sep;42(2):539-48

Signals for site-specific cleavage of HSV DNA: maturation involves two separate cleavage events at sites distal to the recognition sequences. Varmuza SL, et al. **Cell** 1985 Jul; 41(3):793-802

In vivo mapping of DNA topoisomerase II-specific cleavage sites on SV40 chromatin. Yang L, et al. **Cell** 1985 May; 41(1):127-32

Repair of benzo[a]pyrene diol epoxide damaged bacteriophage T7 DNA determined by survival of phage made by in vitro packaging. Van Houten B, et al. **Chem Biol Interact** 1985 Feb-Apr;53(1-2):89-97

DNA interactions during bacteriophage lambda site-specific recombination. Bauer CE, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:699-705

Molecular cloning and a stable amplification of the DNA molecules heavily methylated at CpG sequences using a new E. coli cell system (GC3). Darai G, et al. **Dev Biol Stand** 1985;59:3-9

Site-specific DNA binding by the bacteriophage SP01-encoded type II DNA-binding protein. Greene JR, et al. **EMBO J** 1985 May;4(5):1345-9

Mutational analysis of simian virus 40 large T antigen DNA binding sites. Jones KA, et al. **EMBO J** 1984 Dec 20; 3(13):3247-55

The promoter of the late p10 gene in the insect nuclear polyhedrosis virus Autographa californica: activation by viral gene products and sensitivity to DNA methylation. Knebel D, et al. **EMBO J** 1985 May;4(5):1301-6

DNA-binding properties of phosphorylated and dephosphorylated D2-T antigen, a simian-virus-40 T-antigen-related protein. Baumann EA. **Eur J Biochem** 1985 Mar 15;147(3):495-501

SV40-alpha-globulin hybrid minichromosomes. Differences in DNase I hypersensitivity of promoter and enhancer sequences. Cereghini S, et al. **Eur J Biochem** 1984 Nov 2;144(3):545-53

DNA methylation of bacterial viruses T3 and T7 by different DNA methylases in Escherichia coli K12 cells. Krüger DH, et al. **Eur J Biochem** 1985 Jul 15;150(2):323-30

Salt-stable association of simian virus 40 capsid with simian virus 40 DNA. Blasquez V, et al. **FEBS Lett** 1985 Feb 11;181(1):64-8

Methylation pattern of human T-cell leukemia virus in vivo and in vitro: pX and LTR regions are hypomethylated in vivo. Kitamura T, et al. **Int J Cancer** 1985 May 15; 35(5):629-35

Induction of EBV DNA demethylation and of EBV-specific transcription in Daudi cells treated with TPA and n-butyrate. Collandre H, et al. **Intervirology** 1984; 22(4):201-10

Transcription termination factor rho mediates simultaneous release of RNA transcripts and DNA template from complexes with Escherichia coli RNA polymerase. Andrews C, et al. **J Biol Chem** 1985 May 10;260(9):5826-31

In vitro maturation of circular bacteriophage P2 DNA. Purification of ter components and characterization of the reaction. Bowden DW, et al. **J Biol Chem** 1985 Jun 10; 260(11):6999-7007

Mechanism of strand passage by Escherichia coli topoisomerase I. The role of the required nick in catenation and knotting of duplex DNA. Dean FB, et al. **J Biol Chem** 1985 Apr 25;260(8):4984-94

Duplex DNA knots produced by Escherichia coli topoisomerase I. Structure and requirements for formation. Dean FB, et al. **J Biol Chem** 1985 Apr 25;260(8):4975-83

The uvsX protein of bacteriophage T4 arranges single-stranded and double-stranded DNA into similar helical nucleoprotein filaments. Griffith J, et al. **J Biol Chem** 1985 Apr 10;260(7):4484-91

UV cross-linking of the Bacillus subtilis RNA polymerase to DNA in promoter and non-promoter complexes. Hilton MD, et al. **J Biol Chem** 1985 Jul 5;260(13):8121-7

Nucleotide-dependent binding of the gene 4 protein of bacteriophage T7 to single-stranded DNA. Matson SW, et al. **J Biol Chem** 1985 Feb 25;260(4):2281-7

Isolation of altered recA polypeptides and interaction with ATP and DNA. Rusche JR, et al. **J Biol Chem** 1985 Jan 25;260(2):949-55

Inhibition of the type 1 restriction-modification enzymes EcoB and EcoK by the gene 0.3 protein of bacteriophage T7. Bandyopadhyay PK, et al. **J Mol Biol** 1985 Apr 20; 182(4):567-78

Breakage of single-stranded DNA by eukaryotic type 1 topoisomerase occurs only at regions with the potential for base-pairing. Been MD, et al. **J Mol Biol** 1984 Dec 15;180(3):515-31

Mechanism of strand cleavage and exchange in the Cre-lox site-specific recombination system. Hoess RH, et al. **J Mol Biol** 1985 Feb 5;181(3):351-62

Interaction of recA protein with single-stranded DNA. Quantitative aspects of binding affinity modulation by nucleotide cofactors. Menetski JP, et al. **J Mol Biol** 1985 Jan 20;181(2):281-95

DNA packaging initiation of Salmonella bacteriophage P22: determination of cut sites within the DNA sequence coding for gene 3. Backhaus H. **J Virol** 1985 Aug;55(2):458-65

Analysis of tissue-specific methylation patterns of mouse mammary tumor virus DNA by two-dimensional Southern blotting. Fanning TG, et al. **J Virol** 1985 Jun;54(3):726-30

Virion assembly defect of polyomavirus hr-t mutants: underphosphorylation of major capsid protein VP1 before viral DNA encapsidation. Garcea RL, et al. **J Virol** 1985 May;54(2):311-6

A noninverting genome of a viable herpes simplex virus 1: presence of head-to-tail linkages in packaged genomes and requirements for circularization after infection. Poffenberger KL, et al. **J Virol** 1985 Feb;53(2):587-95

Bacteriophage phi X174 A protein cleaves single-stranded DNA and binds to it covalently through a tyrosyl-dAMP phosphodiester bond. Sanhueza S, et al. **J Virol** 1985 Feb; 53(2):695-7

Simian virus 40 and polyomavirus large tumor antigens have different requirements for high-affinity sequence-specific DNA binding. Scheller A, et al. **J Virol** 1985 May; 54(2):532-45

Methylation pattern of fish lymphocystis disease virus DNA. Wagner H, et al. **J Virol** 1985 Mar;53(3):1005-7

A cis-acting sequence promotes removal of simian virus 40 DNA from the replication pool. Wang HT, et al. **J Virol** 1985 Feb;53(2):410-4

Uncoating of vaccinia virus. Zaslavsky V. **J Virol** 1985 Aug; 55(2):352-6

Cytomegalovirus DNA in colorectal carcinoma tissues. Rüger R, et al. **Klin Wochenschr** 1985 May 2;63(9):405-8

Characterization of intracellular DNA strand breaks induced by neocarzinostatin in Escherichia coli cells. Boye E, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8281-91

Inhibition of herpes simplex thymidine kinase gene expression by DNA methylation is an indirect effect. Buschhausen G, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5503-13

Adenovirus DNA replication in vitro: site-directed mutagenesis of the nuclear factor I binding site of the Ad2 origin. de Vries E, et al. **Nucleic Acids Res** 1985 Jul 11; 13(13):4935-52

Activation of neocarzinostatin chromophore and formation of nascent DNA damage do not require molecular oxygen. Kappen LS, et al. **Nucleic Acids Res** 1985 Mar 11; 13(5):1637-48

The TGGCA protein binds to the MMTV-LTR, the adenovirus origin of replication, and the BK virus enhancer. Nowock J, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):2045-61

On the fidelity of DNA polymerase alpha: the influence of alpha-thio dNTPs, Mn2+ and mismatch repair. Rienitz A, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5685-95

DNA methylation of viruses infecting a eukaryotic Chlorella-like green alga. Van Etten JL, et al. **Nucleic Acids Res** 1985 May 24;13(10):3471-8

Macromolecular crowding accelerates the cohesion of DNA fragments with complementary termini. Zimmerman SB, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2241-9

Monomers through trimers of large tumor antigen bind in region I and monomers through tetramers bind in region II of simian virus 40 origin of replication DNA as stable structures in solution. Mastrangelo IA, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3626-30

Mechanism of inhibition of DNA gyrase by analogues of nalidixic acid: the target of the drugs is DNA. Shen LL, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):307-11

Interaction of the lambda site-specific recombination protein Xis with attachment site DNA. Yin S, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1040-4

Oligomerization of simian virus 40 tumor antigen may be involved in viral DNA replication. Schürmann C, et al. **Virology** 1985 Oct 15;146(1):1-11

[Effect of iron concentrations on the DNA-degradation reaction by bleomycin] Asakura H, et al. **Jpn J Antibiot** 1985 Feb;38(2):244-52 (Eng. Abstr.) **(Jpn)**

[Patient with progressive multifocal leukoencephalopathy by in situ hybridization: comparison of in situ hybridization using isotopic and biotinylated probes] Nakamura S, et al. **No To Shinkei** 1985 Apr;37(4):359-64 (Eng. Abstr.) **(Jpn)**

[DNA translocation across model phospholipid membranes] Budker VG, et al. **Dokl Akad Nauk SSSR** 1984; 278(2):479-82 **(Rus)**

PHARMACODYNAMICS

[High optical activity in the intramolecular compaction (globulization) of high-molecular DNA] Evdokimov IuM, et al. **Dokl Akad Nauk SSSR** 1983;272(2):499-502 **(Rus)**

PHYSIOLOGY

Release of respiratory control in Escherichia coli after bacteriophage adsorption: process independent of DNA injection. Letellier L, et al. **J Bacteriol** 1985 Jan; 161(1):179-82

Functional analysis of the regulatory region of polyoma mutant F9-1 DNA. Böhnlein E, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4789-809

RADIATION EFFECTS

Bacteriophage T4 gene 32 participates in excision repair as well as recombinational repair of UV damages. Mosig G. **Genetics** 1985 Jun;110(2):159-71

Sites of gamma radiation-induced DNA strand breaks after alkali treatment. Duplaa AM, et al. **Int J Radiat Biol** 1985 Jul;48(1):19-32

Distribution of S1-nuclease sensitive sites and double-strand breaks in gamma-irradiated lambda-DNA. Junker B, et al. **Int J Radiat Biol** 1984 Dec;46(6):675-9

Adduct formation is involved in radiosensitization, mediated by cytochrome c, of phi X174 DNA by misonidazole. Lafleur MV, et al. **Int J Radiat Biol** 1985 Apr;47(4):379-82

Gamma-rays inactivate phi X174 DNA in frozen anoxic solutions at -20 degrees C mainly by reactions of dry electrons. Woldhuis J, et al. **Int J Radiat Biol** 1984 Oct; 46(4):329-30

The formation of radiation-induced DNA breaks: the ratio of double-strand breaks to single-strand breaks. Roots R, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):259-65

DNA injection proteins are targets of acridine-sensitized photoinactivation of bacteriophage P22. Bryant JL Jr, et al. **J Mol Biol** 1984 Dec 25;180(4):837-63

Sequence analysis of ultraviolet-induced mutations in M13lacZ hybrid phage DNA. LeClerc JE, et al. **J Mol Biol** 1984 Dec 5;180(2):217-37

Mutagenesis in UV-irradiated simian virus 40 occurs predominantly at pyrimidine doublets. Braggaar H, et al. **Mutat Res** 1985 Mar;142(3):75-81

Targeted mutagenesis of M13 DNA induced by photosensitized reaction. Piette J, et al. **Photochem Photobiol** 1984 Nov;40(5):635-40

[Effect of X-ray-induced DNA breaks on the hypersensitivity of the minichromosomes of SV40 virus to DNAse I] Iugai AA, et al. **Dokl Akad Nauk SSSR** 1985; 281(5):1266-8 **(Rus)**

URINE

Detection of human polyomavirus DNA in urine specimens by hybridot assay. Gibson PE, et al. **Arch Virol** 1985; 84(3-4):233-40

Cytomegalovirus in urine: detection of viral DNA by sandwich hybridization. Virtanen M, et al. **J Clin Microbiol** 1984 Dec;20(6):1083-8

Detection of markers of hepatitis B virus infection in urine of chronic carriers. Di Bisceglie AM, et al. **J Med Virol** 1985 Aug;16(4):337-41

DNA VIRUSES

DRUG EFFECTS

2'-Nor-cGMP: a seco-cyclic nucleotide with powerful anti-DNA-viral activity. Tolman RL, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1329-35

Baculovirus replication: effects of inhibitors of macromolecular synthesis. Kelly DC. **J Antimicrob Chemother** 1984 Aug;14 Suppl A:43-55

'In vitro' antiviral effects of synthetic compounds upon DNA and RNA viruses. Lagrota MH, et al. **Rev Latinoam Microbiol** 1984 Oct-Dec;26(4):331-4

GENETICS

[Possible mechanisms of the transforming and tumorigenic effects of DNA-containing animal viruses] Gartel' AL, et al. **Mol Biol (Mosk)** 1985 May-Jun;19(3):581-96 (132 ref.) (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Characterization of IM virus, which is frequently isolated from cerebrospinal fluid of patients with multiple sclerosis and other chronic diseases of the central nervous system. Melnick JL, et al. **J Virol** 1984 Dec;52(3):739-44

METABOLISM

A new role for DNA virus early proteins in viral carcinogenesis. Lewis AM Jr, et al. **Science** 1985 Jan 4; 227(4682):15-20

ULTRASTRUCTURE

Animal DNA viruses analyzed by colour electron microscopy. Manolescu N, et al. **Virologie** 1984 Jul-Sep; 35(3):187-91

DNAASE see **DEOXYRIBONUCLEASES**

DNASE see **DEOXYRIBONUCLEASES**

DNASE I see **DEOXYRIBONUCLEASE I**

DOBUTAMINE see under **CATECHOLAMINES**

DOCA see **DESOXYCORTICOSTERONE**

DOCTOR-PATIENT RELATIONS see **PHYSICIAN-PATIENT RELATIONS**

DOCUMENTATION

see related
RECORDS

The accident injury matrix and its use in diving injury investigations. Dembert ML. **Aviat Space Environ Med** 1984 Dec;55(12):1143-7

Disclosure of documents by doctors. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1973-4

Therapeutic value of documenting child survivors. Krell R. **J Am Acad Child Psychiatry** 1985 Jul;24(4):397-400

Documentation: the missing link in evaluation. Wills BB. **J Am Diet Assoc** 1985 Feb;85(2):225-7

Documenting tumours of the head and neck. von Haacke N, et al. **J Laryngol Otol** 1984 Oct;98(10):1009-11

Documentation of inpatient experiences of resident physicians. Curtis P, et al. **J Med Educ** 1985 May; 60(5):408-10

Documentation and postoperative management. Avery JK. **J Tenn Med Assoc** 1984 Oct;77(10):601-2

[Reporting of the side effects of drugs; is there room for quality control?] Offerhaus L. **Ned Tijdschr Geneeskd** 1984 Dec 29;128(52):2473 **(Dut)**

[Registration of children's accidents in health care and prevention facilities of a health sector] Tursz A, et al. **Rev Epidemiol Sante Publique** 1984;32(5):286-94 (Eng. Abstr.) **(Fre)**

[Characteristics of the structure and formation of a Soviet information system with regard to documents on patents in medicine] Matusevich VG, et al. **Vrach Delo** 1985 Apr; (4):112-5 **(Rus)**

LEGISLATION & JURISPRUDENCE

Methodology in the forensic sciences. Documentation of human rights abuses. Tedeschi LG. **Am J Forensic Med Pathol** 1984 Dec;5(4):301-3

METHODS

Documenting post-anesthesia recovery. Andrews DR, et al. **Am J Nurs** 1985 Mar;85(3):290-1

Medicare reimbursement in home care. DePaoli TA, et al. **Am J Occup Ther** 1984 Nov;38(11):739-42

A proposal for the documentation of clinically applied color vision tests. Zrenner E. **Dev Ophthalmol** 1984;9:157-70

Inherent limitations of the yellow card system for the detection of unsuspected adverse drug reactions. Crombie I. **Hum Toxicol** 1984 Aug;3(4):261-9

Diagnosis clusters: a new approach for reporting the diagnostic content of family practice residents' ambulatory experiences. Schneeweiss R. **J Fam Pract** 1985 May; 20(5):487-92

[The computer and psychiatry. Current possibilities for its use in documentation, diagnosis, therapy and continuing education] Kalb R. **Fortschr Med** 1984 Aug 30; 102(31-32):82-3 **(Ger)**

[Documentation and control of the change process in group psychotherapy] Geyer M, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Dec; 36(12):714-26 (Eng. Abstr.) **(Ger)**

[Recommendations for the evaluation and assessment of electrocardiograms of adolescents and adults. Short programmed course. 16. Partial program V: Interpretation, correlation and documentation] Mücke D, et al. **Z Arztl Fortbild (Jena)** 1985;79(9):395-401 **(Ger)**

STANDARDS

Duplicate publication and the pursuit of correct references [letter] Klein ER. **Am J Dis Child** 1985 Aug;139(8):747

[Shortcomings of reports of forensic medicine experts with regard to the professional malpractice of medical workers] Panov IE, et al. **Sud Med Ekspert** 1985 Jan-Mar;28(1):48-9 **(Rus)**

TRENDS

[Gerontopsychiatry in Heidelberg: documentation] Oesterreich K, et al. **Z Gerontol** 1984 Nov-Dec; 17(6):373-80 (Eng. Abstr.) **(Ger)**

DODECANOIC ACIDS see **LAURIC ACIDS**

DOG DISEASES

Myocardial disease in small animals. Darke PG. **Br Vet J** 1985 Jul-Aug;141(4):342-8 (31 ref.)

Disorders of the carpus in the dog. I. Vaughan LC. **Br Vet J** 1985 Jul-Aug;141(4):332-41

Small animal medicine. Past, present and future. Kirk RW. **Cornell Vet** 1985 Jan;75(1):118-23

Prostatic adenocarcinoma in a castrated dog. Evans JE Jr, et al. **J Am Vet Med Assoc** 1985 Jan 1;186(1):78-80

Laryngeal paralysis in dogs: a review of 23 cases. Gaber CE, et al. **J Am Vet Med Assoc** 1985 Feb 15;186(4):377-80

Cystic and peritoneal giardiasis in a dog. Rogers KT, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):669-70

Canine idiopathic thrombocytopenia: clinical observations and long-term follow-up in 54 cases. Williams DA, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):660-3

Von Willebrand's disease in dogs. Dodds WJ. **Mod Vet Pract** 1984 Sep;65(9):681-6

Pathogenesis of canine parvovirus-2 in dogs: histopathology and antigen identification in tissues. Carman PS, et al. **Res Vet Sci** 1985 Mar;38(2):141-50

Pathogenesis of canine parvovirus-2 in dogs: haematology, serology and virus recovery. Carman PS, et al. **Res Vet Sci** 1985 Mar;38(2):134-40

Symposium on clinical veterinary oncology. **Vet Clin North Am [Small Anim Pract]** 1985 May; 15(3):471-693

Symposium on canine hematopoietic tumors. **Vet Clin North Am [Small Anim Pract]** 1985 Jul; 15(4):695-862

Symposium on endocrinology. **Vet Clin North Am [Small Anim Pract]** 1984 Jul; 14(4):719-951

Canine thymoma. Aronsohn M. **Vet Clin North Am [Small Anim Pract]** 1985 Jul; 15(4):755-67 (40 ref.)

Classification of hematopoietic system neoplasia in the dog. Holmberg CA. **Vet Clin North Am [Small Anim Pract]** 1985 Jul;15(4):697-707 (30 ref.)

Lymphoid leukemia in the dog. Acute lymphoblastic leukemia and chronic lymphocytic leukemia. Leifer CE, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jul; 15(4):723-39

Canine mast cell tumors. Macy DW. **Vet Clin North Am [Small Anim Pract]** 1985 Jul; 15(4):783-803 (86 ref.)

Canine lymphoma. Madewell BR. **Vet Clin North Am [Small Anim Pract]** 1985 Jul; 15(4):709-22 (64 ref.)

Immunoglobulin-producing tumors. Matus RE, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jul; 15(4):741-53 (53 ref.)

Hepatic encephalopathy. Tams TR. **Vet Clin North Am [Small Anim Pract]** 1985 Jan; 15(1):177-95

Cirrhosis: a consequence of chronic liver disease. Twedt DC. **Vet Clin North Am [Small Anim Pract]** 1985 Jan; 15(1):151-76

Portosystemic shunts. Vulgamott JC. **Vet Clin North Am [Small Anim Pract]** 1985 Jan; 15(1):229-42

Paraneoplastic disorders in dogs with hematopoietic tumors. Weller RE. **Vet Clin North Am [Small Anim Pract]** 1985 Jul;15(4):805-16 (37 ref.)

Myeloproliferative disorders. Young KM. **Vet Clin North Am [Small Anim Pract]** 1985 Jul; 15(4):769-81 (56 ref.)

Experimental thyroid autoimmunity in the dog. Haines DM, et al. **Vet Immunol Immunopathol** 1985 Jul;9(3):221-38

Sudden death in rough collies [letter] Cronin PM. **Vet Rec** 1984 Dec 22-29;115(25-26):667

Addison's disease in a puppy [letter] Hall EJ. **Vet Rec** 1985 Feb 16;116(7):195

Canine parvovirus enteritis 1: Clinical, haematological and pathological features of experimental infection. Macartney L, et al. **Vet Rec** 1984 Sep 1;115(9):201-10

Generalised muscle weakness in the Labrador retriever. McKerrell RE, et al. **Vet Rec** 1984 Sep 15;115(11):276

Suspected poisoning in a working spaniel [letter] Remnant CT. **Vet Rec** 1984 Dec 8;115(23):606

Addison's disease in a puppy. Ruben JM, et al. **Vet Rec** 1985 Jan 26;116(4):91-3

Juvenile renal disease in a dobermann [letter] Thomas DA. **Vet Rec** 1984 Oct 27;115(17):446-7

[Leishmaniasis in dogs. Clinical course of infection, diagnosis and therapy trials following experimental infection of beagles with Leishmania donovani (Calcutta strain)] Reiter I, et al. **Berl Munch Tierarztl Wochenschr** 1985 Feb 1; 98(2):40-4 (Eng. Abstr.) **(Ger)**

BLOOD

Serum bile acids as an indicator of liver disease in dogs. Hauge JG, et al. **Acta Vet Scand** 1984;25(4):495-503

Plasma fibronectin concentrations in dogs with disseminated intravascular coagulation. Feldman BF, et al. **Am J Vet Res** 1985 May;46(5):1171-4

Glycosylated albumin and serum protein in diabetic dogs. Mahaffey EA, et al. **Am J Vet Res** 1984 Oct;45(10):2126-8

Serum pancreatic polypeptide and amylase concentrations in dogs with experimentally induced acute pancreatitis. Murtaugh RJ, et al. **Am J Vet Res** 1985 Mar;46(3):654-6

Effects of spontaneous hyperadrenocorticism on serum thyroid hormone concentrations in the dog. Peterson ME, et al. **Am J Vet Res** 1984 Oct;45(10):2034-8

Polyethylene glycol-6000 as a clearing agent for lipemic serum samples from dogs and the effects on 13 serum assays. Thompson MB, et al. **Am J Vet Res** 1984 Oct; 45(10):2154-7

Abnormal canine triiodothyronine-binding factor characterized as a possible triiodothyronine autoantibody. Young DW, et al. **Am J Vet Res** 1985 Jun;46(6):1346-50

Haematological and serological data from dogs raised worm-free and monospecifically infected with helminths. Jenkins DJ, et al. **Aust Vet J** 1984 Oct;61(10):309-11

Canine malignant hyperthermia susceptibility: erythrocytic defects—osmotic fragility, glucose-6-phosphate dehydrogenase deficiency and abnormal Ca2+ homeostasis. O'Brien PJ, et al. **Can J Comp Med** 1984 Oct; 48(4):381-9

Evaluation of serum bile acid concentrations for the diagnosis of portosystemic venous anomalies in the dog and cat. Center SA, et al. **J Am Vet Med Assoc** 1985 May 15; 186(10):1090-4

Clinical and hematologic findings in canine ehrlichiosis. Kuehn NF, et al. **J Am Vet Med Assoc** 1985 Feb 15; 186(4):355-8

A case report of canine disseminated intravascular coagulation (DIC). Nakama S, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):329-32

Hemophilia in dogs, with special reference to hemophilia A among German shepherd dogs in Denmark. II: Clinical study, therapy and prophylaxis. Fogh JM, et al. **Nord Vet Med** 1984 Jul-Aug;36(7-8):241-52

Hemophilia in dogs, with special reference to hemophilia A among German shepherd dogs in Denmark. I: Pathophysiology, laboratory tests and genetics. Fogh JM, et al. **Nord Vet Med** 1984 Jul-Aug;36(7-8):235-40

Abnormal release of storage pool adenine nucleotides from platelets of dogs affected with basset hound hereditary thrombopathy. Patterson WR, et al. **Thromb Res** 1985 Jan 1;37(1):61-71

Experimental onion-induced hemolytic anemia in dogs. Harvey JW, et al. **Vet Pathol** 1985 Jul;22(4):387-92

[Usefulness of the determination of serum lysozyme levels in dogs with tumors] Borst GH, et al. **Tijdschr Diergeneeskd** 1984 Aug 15;109(15-16):627-9 (Eng. Abstr.) (Dut)

[Glucose tolerance and insulin response in dogs with spontaneous diabetes, obesity and following prolonged fasting] Mattheeuws D, et al. **Verh K Acad Geneeskd Belg** 1984;46(6):441-62 (Eng. Abstr.) (Dut)

CHEMICALLY INDUCED

Intra-articular tissue response to analytical grade metrizamide in dogs. Atilola MA, et al. **Am J Vet Res** 1984 Dec;45(12):2651-7

Poikilocytosis in dogs with chronic doxorubicin toxicosis. Badylak SF, et al. **Am J Vet Res** 1985 Feb;46(2):505-8

Early clinicopathologic findings in dogs ingesting ethylene glycol. Grauer GF, et al. **Am J Vet Res** 1984 Nov; 45(11):2299-303

An outbreak of lead poisoning in dogs. Hamir AN, et al. **Aust Vet J** 1985 Jan;62(1):21-3

Gentamicin-associated acute renal failure in the dog. Brown SA, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):686-90

Sulfadiazine-induced allergy in six Doberman pinschers. Giger U, et al. **J Am Vet Med Assoc** 1985 Mar 1; 186(5):479-84

Change of inhalation anesthetic agents for management of ventricular premature depolarizations in anesthetized cats and dogs. Hubbell JA, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):643-6

Urinary tract infection associated with long-term corticosteroid administration in dogs with chronic skin diseases. Ihrke PJ, et al. **J Am Vet Med Assoc** 1985 Jan 1;186(1):43-6

Hepatic cirrhosis associated with long-term primidone therapy in a dog. Poffenbarger EM, et al. **J Am Vet Med Assoc** 1985 May 1;186(9):978-80

Thallium intoxication in a dog. Ruhr LP, et al. **J Am Vet Med Assoc** 1985 Mar 1;186(5):498-9

Salicylate-induced seizures in a dog. Schubert TA. **J Am Vet Med Assoc** 1984 Nov 1;185(9):1000-1

Thallium poisoning in a dog. Hakala JE. **Mod Vet Pract** 1984 Oct;65(10):783, 786

Fine structural changes during reparative phase of canine drug-induced arthropathy. Gough AW, et al. **Vet Pathol** 1985 Jan;22(1):82-4

Sulphasalazine and keratoconjunctivitis sicca [letter] Bedford PG. **Vet Rec** 1985 Feb 23;116(8):222

Keratoconjunctivitis sicca and sulphasalazine [letter] Burrows CF. **Vet Rec** 1985 May 18;116(20):550

Sulphasalazine and keratoconjunctivitis sicca [letter] Long RD. **Vet Rec** 1985 Mar 9;116(10):274

Keratoconjunctivitis sicca in the dog associated with the administration of salicylazosulphapyridine (sulphasalazine). Sansom J, et al. **Vet Rec** 1985 Apr 13;116(15):391-3

The toxic effect of intravenous application of the trypanocide isometamidium (Samorin). Schillinger D, et al. **Zentralbl Veterinarmed [A]** 1985 Mar;32(3):234-9

[Mammary changes in male dogs following gestagen treatment] Braun U, et al. **Berl Munch Tierarztl Wochenschr** 1984 Dec 1;97(12):447-51 (Eng. Abstr.) (Ger)

[Allergens causing skin changes in dogs and humans. III. Drug allergens] Pomorski Z, et al. **Przegl Dermatol** 1985 Jan-Feb;72(1):31-5 (Eng. Abstr.) (Pol)

CLASSIFICATION

[Nomenclature and classification of animal tumors besed on currently recognized classification systems exemplified by mammary tumors. A contribution to comparative oncology] Schönbauer M. **Berl Munch Tierarztl Wochenschr** 1984 Jul 1;97(7):245-51 (Eng. Abstr.) (Ger)

[Classification of glaucoma in the dog] Walde I. **Tierarztl Prax** 1984;12(1):65-78 (Ger)

COMPLICATIONS

Hypoglycemia associated with nonislet cell tumor in 13 dogs. Leifer CE, et al. **J Am Vet Med Assoc** 1985 Jan 1; 186(1):53-5

Canine cryptorchism and subsequent testicular neoplasia: case-control study with epidemiologic update. Hayes HM Jr, et al. **Teratology** 1985 Aug;32(1):51-6

Diabetes mellitus associated with other endocrine disorders. Eigenmann JE, et al. **Vet Clin North Am [Small Anim Pract]** 1984 Jul; 14(4):837-58 (46 ref.)

CONGENITAL

Segmental hemiatrophy in a dog. Hardie EM, et al. **J Am Vet Med Assoc** 1985 Jun 15;186(12):1315-7

Congenital cystic disease of the liver in seven dogs. Van den Ingh TS, et al. **J Comp Pathol** 1985 Jul;95(3):405-14

Congenital cardiac disease in dogs. Aronson E, et al. **Mod Vet Pract** 1984 Sep;65(9):687-90

Congenital cardiac disease in dogs. McCaw D, et al. **Mod Vet Pract** 1984 Oct;65(10):767-70

Persistent hyperplastic primary vitreous in the Staffordshire bull terrier. Curtis R, et al. **Vet Rec** 1984 Oct 13;115(15):385

[Shoulder joint dysplasia in the dachshund. 2. Results of pathoanatomical and pathohistological study; conclusions for breed standards and breeding] Köppel E, et al. **Zentralbl Veterinarmed [A]** 1985 Mar;32(3):214-25 (Eng. Abstr.) (Ger)

[Shoulder joint dysplasia in the dachshund. 1. Clinical aspects and x-ray findings] Mayrhofer E, et al. **Zentralbl Veterinarmed [A]** 1985 Mar;32(3):202-13 (Eng. Abstr.) (Ger)

DIAGNOSIS

Comedocarcinoma as symmetrical cuirass cancer in the mammary glands of a female boxer. Schönbauer M, et al. **Acta Vet Hung** 1984;32(3-4):171-3

Diagnostic criteria for an enzyme-linked immunosorbent assay for occult heartworm disease: standardization of the test system in naturally exposed dogs. Gillis JM, et al. **Am J Vet Res** 1984 Nov;45(11):2289-92

Diagnosis of canine Cushing's syndrome based on multiple steroid analysis and dexamethasone turnover kinetics. Lothrop CD Jr, et al. **Am J Vet Res** 1984 Nov; 45(11):2304-9

Evaluation of the zetacrit and zeta sedimentation ratio in dogs. Martin DG, et al. **Am J Vet Res** 1985 Jun; 46(6):1326-9

Rapid detection of canine parvovirus in feces using monoclonal antibodies and enzyme-linked immunosorbent assay. Mildbrand MM, et al. **Am J Vet Res** 1984 Nov; 45(11):2281-4

Electro-olfactography: a technique with potential for diagnosis of anosmia in the dog. Myers LJ, et al. **Am J Vet Res** 1984 Nov;45(11):2296-8

Sensitivity and specificity of the indirect-fluorescent antibody test and two enzyme-linked immunosorbent assays in canine dirofilariasis. Sisson D, et al. **Am J Vet Res** 1985 Jul;46(7):1529-33

Canine atopic disease: investigations of eosinophils and the nasal mucosa. Willemse A. **Am J Vet Res** 1984 Sep; 45(9):1867-9

Pulmonary function tests in the detection of small airway obstruction in a canine model of bronchiolitis obliterans. Mink SN, et al. **Am Rev Respir Dis** 1984 Dec; 130(6):1125-33

Pituitary tumour causing multiple endocrinopathies in a dog. Barr SC. **Aust Vet J** 1985 Apr;62(4):127-9

Blood lead, urinary delta aminolevulinic acid and the diagnosis of lead poisoning in dogs. Canfield PJ, et al. **Aust Vet J** 1984 Oct;61(10):323-4

An evaluation of 4 commercially available ELISA kits for the diagnosis of Dirofilaria immitis infection in dogs. Martin TE, et al. **Aust Vet J** 1985 May;62(5):166-9

The approach to spinal disease in dogs. Wheeler SJ. **Br Vet J** 1985 May-Jun;141(3):222-33

An appraisal of bone marrow biopsy in assessment of sick dogs. Hoff B, et al. **Can J Comp Med** 1985 Jan;49(1):34-42

Further evaluation of bentiromide in the diagnosis of canine exocrine pancreatic insufficiency. Zimmer JF, et al. **Cornell Vet** 1985 Jul;75(3):426-40

Problems in the serodiagnosis of canine brucellosis: dog responses to cell wall and internal antigens of Brucella canis. Carmichael LE, et al. **Dev Biol Stand** 1984;56:371-83

Dermatitis herpetiformis--does it exist? Ackerman L. **J Am Vet Med Assoc** 1984 Sep 15;185(6):633-5

Myotonia in a chow chow. Amann JF, et al. **J Am Vet Med Assoc** 1985 Aug 15;187(4):415-7

Patterns of cutaneous anesthesia associated with brachial plexus avulsions in the dog. Bailey CS. **J Am Vet Med Assoc** 1984 Oct 15;185(8):889-99

Pancreatic adenocarcinoma in a dog with a maldigestion syndrome. Bright JM. **J Am Vet Med Assoc** 1985 Aug 15; 187(4):420-1

Atypical findings in 16 cases of canine ehrlichiosis. Codner EC, et al. **J Am Vet Med Assoc** 1985 Jan 15;186(2):166-9

Evaluation of a combined dexamethasone suppression/ACTH stimulation test in dogs with hyperadrenocorticism. Feldman EC. **J Am Vet Med Assoc** 1985 Jul 1;187(1):49-53

Disseminated protothecosis in a dog. Gaunt SD, et al. **J Am Vet Med Assoc** 1984 Oct 15;185(8):906-7

Canine brucellosis in a household. Gordon JC, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):695-8

Non-dexamethasone-suppressible, pituitary-dependent hyperadrenocorticism in a dog. Kemppainen RJ, et al. **J Am Vet Med Assoc** 1985 Aug 1;187(3):276-8

B-scan ultrasonography for the detection of space-occupying ocular masses. Miller WW, et al. **J Am Vet Med Assoc** 1985 Jul 1;187(1):66-8

Suspected immune-mediated megakaryocytic hypoplasia or aplasia in a dog. Murtaugh RJ, et al. **J Am Vet Med Assoc** 1985 Jun 15;186(12):1313-5

Duodenal aspiration via flexible endoscope for diagnosis of giardiasis in a dog. Roudebush P, et al. **J Am Vet Med Assoc** 1985 Jul 15;187(2):162-3

Electrodiagnostic evaluation of deafness in two English setter littermates. Sims MH, et al. **J Am Vet Med Assoc** 1985 Aug 15;187(4):398-404

A correlative study of the clinical and radiographic signs of periodontal disease in dogs. Smith MM, et al. **J Am Vet Med Assoc** 1985 Jun 15;186(12):1286-90

Clinical and pathologic features of parvoviral diarrhea in pound-source dogs. Stann SE, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):651-5

Osteosarcoma of the patella in a dog. Thacher C, et al. **J Am Vet Med Assoc** 1985 Jul 15;187(2):165-7

ECG of the month.Congestive cardiomyopathy. Ware WA. **J Am Vet Med Assoc** 1984 Oct 15;185(8):858-9

Use of protein-to-creatinine ratio in a single urine specimen for quantitative estimation of canine proteinuria. White JV, et al. **J Am Vet Med Assoc** 1984 Oct 15;185(8):882-5

Isolation of Yersinia enterocolitica biotype 4 serotype O3 from canine sources in Italy. Fantasia M, et al. **J Clin Microbiol** 1985 Aug;22(2):314-5

Comparison of enzyme-linked immunosorbent assay, DNA hybridization, hemagglutination, and electron microscopy for detection of canine parvovirus infections. Teramoto YA, et al. **J Clin Microbiol** 1984 Sep;20(3):373-8

Counter current immunoelectrophoresis, a new technique for the rapid serodiagnosis of porcine cysticercosis. Pathak KM, et al. **J Helminthol** 1984 Dec;58(4):321-4

The use of excretory and secretory antigens of the scolex of Taenia ovis for the serodiagnosis of infection in dogs. Heath DD, et al. **J Parasitol** 1985 Apr;71(2):192-9

Diagnostic exercise: pulmonary parasites in a dog. Shalev M, et al. **Lab Anim Sci** 1985 Apr;35(2):159-61

Fecal examinations for diagnosis of canine parvovirus infection. Mochizuki M, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):587-92

Contrast enhancement of spontaneous animal CNS tumors with gadolinium DTPA: a correlation of MRI with x-ray CT. Goldstein EJ, et al. **Physiol Chem Phys Med NMR** 1985;17(1):113-22

Epidermophyton floccosum infection in a dog from the United States. Terreni AA, et al. **Sabouraudia** 1985 Apr; 23(2):141-2

A comparison of serological techniques for plague surveillance. Shepherd AJ, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):771-3

Tumors of the alimentary tract. Crow SE. **Vet Clin North Am [Small Anim Pract]** 1985 May; 15(3):577-96 (43 ref.)

Acromegaly in the dog. Eigenmann JE. **Vet Clin North Am [Small Anim Pract]** 1984 Jul; 14(4):827-36 (17 ref.)

Hypoadrenocorticism. Feldman EC, et al. **Vet Clin North Am [Small Anim Pract]** 1984 Jul; 14(4):751-66 (25 ref.)

Thyroid function tests in the dog. Recent concepts. Ferguson DC. **Vet Clin North Am [Small Anim Pract]** 1984 Jul; 14(4):783-808 (106 ref.)

Laboratory evaluation of liver disease. Hall RL. **Vet Clin North Am [Small Anim Pract]** 1985 Jan;15(1):3-19

Endocrine tumors. Orsher RJ, et al. **Vet Clin North Am [Small Anim Pract]** 1985 May; 15(3):643-58 (51 ref.)

Hyperadrenocorticism. Peterson ME. **Vet Clin North Am [Small Anim Pract]** 1984 Jul; 14(4):731-49 (34 ref.)

Urogenital tumors. Stone EA. **Vet Clin North Am [Small Anim Pract]** 1985 May; 15(3):597-608 (68 ref.)

Pheochromocytoma in the dog. Twedt DC, et al. **Vet Clin North Am [Small Anim Pract]** 1984 Jul; 14(4):767-82 (10 ref.)

Radiographic and ultrasonographic diagnosis of liver diseases in dogs and cats. Wrigley RH. **Vet Clin North Am [Small Anim Pract]** 1985 Jan;15(1):21-38

Serodiagnosis of canine leptospirosis by solid-phase enzyme-linked immunosorbent assay. Hartman EG, et al. **Vet Immunol Immunopathol** 1984 Aug;7(1):33-42

Cystoscopic examination of male and female dogs. Cooper JE, et al. **Vet Rec** 1984 Dec 1;115(22):571-4

Leucocytosis during normal pregnancy in a bitch. Davies JV, et al. **Vet Rec** 1985 Apr 13;116(15):412-3

Serum isoamylases and canine pancreatic insufficiency [letter] Simpson JW, et al. **Vet Rec** 1984 Sep 1;115(9):230-1

A case of canine heartworm disease (Dirofilaria immitis) in the UK. Thomas RE. **Vet Rec** 1985 Jul 6;117(1):14-5

Serum isoamylases and canine pancreatic insufficiency [letter] Williams DA. **Vet Rec** 1984 Sep 29;115(13):334

The acute phase reaction detected in dogs by concanavalin A binding. Eckersall PD, et al. **Vet Res Commun** 1985 Jul; 9(3):233-8

Polymyositis-polyradiculitis due to toxoplasmosis in the dog: serology and tissue biopsy as diagnostic aids. Suter MM, et al. **Zentralbl Veterinarmed [A]** 1984 Dec;31(10):792-8

The use of tissue culture for routine diagnosis of canine parvovirus infection. Frost JW, et al. **Zentralbl Veterinarmed [B]** 1984 Sep;31(8):623-6

[Comparison of the diagnostic possibilities of palpation of the abdominal cavity and ear acupuncture in diseases of the gastrointestinal tract in dogs] Still J, et al. **Vet Med (Praha)** 1985 Jul;30(7):425-31 (Eng. Abstr.) (Cze)

[Glaucoma in dogs and cats. Review and retrospective evaluation of 421 patients. II. Clinical aspects] Boevé MH, et al. **Tijdschr Diergeneeskd** 1985 Mar 15;110(6):228–36 (Eng. Abstr.) (Dut)

[Fluorescein angiography of several diseases of the choroid in the dog] Lescure F. **Bull Mem Soc Fr Ophtalmol** 1985; 96:253–7 (Fre)

[Spinal cord infarction following fibrocartilaginous embolism in the dog and cat] Bichsel P, et al. **Schweiz Arch Tierheilkd** 1984 Aug;126(8):387–97 (Eng. Abstr.) (Fre)

[Microradiographic serial studies of ribs in adult dogs] Dämmrich K, et al. **Berl Munch Tierarztl Wochenschr** 1985 May 1;98(5):149–54 (Eng. Abstr.) (Ger)

[Sonographic study of the abdomen in small animals] Kaemmerer H. **DTW** 1984 Jul 24;91(7–8):267–8, 271–3 (Eng. Abstr.) (Ger)

[What is your diagnosis?—What treatment do you propose? Testicular infarction in a dog] Karst H. **Schweiz Arch Tierheilkd** 1985 May;127(5):349–50 (Ger)

[Myelopathy in large-breed dogs] Bichsel P, et al. **Tierarztl Prax** 1984;12(2):239–49 (Ger)

[The diagnosis of primary olfactory mucosa neoplasms demonstrated by an esthesioneuroepthelioma in the dog] Dahme E, et al. **Tierarztl Prax** 1985;Suppl 1:112–22 (Eng. Abstr.) (Ger)

[Acromegaly in the female dog. Pathogenesis and clinical aspects] Eigenmann JE. **Tierarztl Prax** 1984;12(1):59–63 (Ger)

[Diagnosis of prostatic diseases in the dog using ultrasonics] Fritsch R, et al. **Tierarztl Prax** 1985;Suppl 1:123–31 (Eng. Abstr.) (Ger)

[Rapid serological diagnosis of parvovirus infection in dogs. Fluorescent serological demonstration of virus-specific IgM antibodies] Maess J. **Tierarztl Prax** 1984;12(3):427–30 (Eng. Abstr.) (Ger)

[Trombiculid mite--Neotrombicula autumnalis (Shaw 1790)--in veterinary medicine. Nervous systems in dogs following massive infestation] Prosl H, et al. **Tierarztl Prax** 1985;13(1):57–64 (Eng. Abstr.) (Ger)

[Ossifying parotid tumor in the dog] Röcken H. **Tierarztl Prax** 1985;13(1):77–9 (Eng. Abstr.) (Ger)

[Ultrasonic diagnosis of prostatic abscess in the dog] Schmidt S, et al. **Tierarztl Prax** 1985;13(1):65–70 (Eng. Abstr.) (Ger)

[Normo- and pathocyclia in the female dog. Diagnosis and therapy] Wollinger F. **Tierarztl Prax** 1984;12(1):85–91 (Ger)

[Retinal dysplasia in dogs--a review] Dietz HH. **Nord Vet Med** 1985 Jan–Feb;37(1):1–9 (Eng. Abstr.) (Nor)

[Toxocariasis: clinical aspects, diagnosis and treatment (a lecture)] Alekseev MI. **Med Parazitol (Mosk)** 1984 Nov–Dec;(6):66–72 (Eng. Abstr.) (Rus)

DIET THERAPY

Effects of three diets on dogs with induced chronic renal failure. Finco DR, et al. **Am J Vet Res** 1985 Mar; 46(3):646–53

DRUG THERAPY

Efficacy of a combined paste formulation of praziquantel/febantel against immature Echinococcus granulosus and immature Echinococcus multilocularis. Andersen FL, et al. **Am J Vet Res** 1985 Jan;46(1):253–5

Dose-titration studies of ivermectin against experimental Ancylostoma caninum and Uncinaria stenocephala infections. Egerton JR, et al. **Am J Vet Res** 1985 May; 46(5):1057–9

Effects of an anabolic steroid on acute uremia in the dog. Finco DR, et al. **Am J Vet Res** 1984 Nov;45(11):2285–8

Pilot study on the treatment with thioproline of 24 small animals with tumors. Grier RL, et al. **Am J Vet Res** 1984 Oct;45(10):2162–6

1,3 Butanediol treatment of ethylene glycol toxicosis in dogs. Murphy MJ, et al. **Am J Vet Res** 1984 Nov;45(11):2293–5

Effect of o,p'DDD therapy on endogenous ACTH concentrations in dogs with hypophysis-dependent hyperadrenocorticism. Nelson RW, et al. **Am J Vet Res** 1985 Jul;46(7):1534–7

An aspirin-prednisolone combination to modify postadulticide lung disease in heartworm-infected dogs. Rawlings CA, et al. **Am J Vet Res** 1984 Nov;45(11):2371–5

Prostaglandin therapeutics in the bitch and queen. Henderson RT. **Aust Vet J** 1984 Oct;61(10):317–9

Calcium chloride for treatment of subcutaneous lipomas in dogs. Albers GW, et al. **J Am Vet Med Assoc** 1985 Mar 1;186(5):492–4

Nontraditional treatment of mycosis fungoides in a dog. Bender WM. **J Am Vet Med Assoc** 1984 Oct 15; 185(8):900–1

Furosemide and diabetes mellitus [letter] Cosenza SF. **J Am Vet Med Assoc** 1984 Dec 15;185(12):1480

Promiscuous use of antibiotics [letter] Cosnow A. **J Am Vet Med Assoc** 1985 Apr 15;186(8):760, 762

Therapeutic strategies involving antimicrobial treatment of the gastrointestinal tract in small animals. Dillon R. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1169–71 (25 ref.)

Ivermectin for treatment of nasal capillariasis in a dog. Evinger JV, et al. **J Am Vet Med Assoc** 1985 Jan 15; 186(2):174–5

Efficacy of primidone in dogs with seizures unresponsive to phenobarbital. Farnbach GC. **J Am Vet Med Assoc** 1984 Oct 15;185(8):867–8

Treatment of central nervous system infections in small animals. Fenner WR. **J Am Vet Med Assoc** 1984 Nov 15; 185(10):1176–80 (15 ref.)

Effect of immunosuppressive drug therapy on blood urea nitrogen concentration in dogs with azotemia. Finco DR, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):664–5

Concurrent use of corticosteroids and antimicrobial drugs in the treatment of infectious diseases in small animals. Ford RB. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1142–4 (26 ref.)

Therapeutic strategies involving antimicrobial treatment of disseminated bacterial infection in small animals. Garvey MS, et al. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1185–9 (58 ref.)

Therapeutic strategies involving antimicrobial treatment of the upper respiratory tract in small animals. Harvey CE. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1159–61 (24 ref.)

Therapeutic strategies involving antimicrobial treatment of the skin in small animals. Ihrke PJ. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1165–8 (35 ref.)

Paragonimiasis in a dog: treatment with praziquantel. Kirkpatrick CE, et al. **J Am Vet Med Assoc** 1985 Jul 1; 187(1):75–6

Acute hemodynamic effects of hydralazine in dogs with chronic mitral regurgitation. Kittleson MD, et al. **J Am Vet Med Assoc** 1985 Aug 1;187(3):258–61

Efficacy of digoxin administration in dogs with idiopathic congestive cardiomyopathy. Kittleson MD, et al. **J Am Vet Med Assoc** 1985 Jan 15;186(2):162–5

Therapeutic strategies involving antimicrobial treatment of the canine urinary tract. Ling GV. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1162–4 (11 ref.)

Therapeutic strategies involving antimicrobial treatment of the lower respiratory tract in small animals. McKiernan BC. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1155–8 (21 ref.)

Unsuccessful treatment of disseminated protothecosis in a dog. Moore FM, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):705–8

Cisplatin, a new antineoplastic drug in veterinary medicine. Page R, et al. **J Am Vet Med Assoc** 1985 Feb 1; 186(3):288–90

Therapeutic strategies involving antimicrobial treatment of ophthalmic disease in small animals. Peiffer RL, et al. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1172–5 (6 ref.)

Management of chronic colitis in the dog. Ridgway MD. **J Am Vet Med Assoc** 1984 Oct 1;185(7):804–6

Comparative therapeutics of canine and human rheumatoid arthritis. Romatowski J. **J Am Vet Med Assoc** 1984 Sep 1;185(5):558–62

Anthelmintic efficacy of febantel combined with praziquantel in dogs. Sharp ML, et al. **J Am Vet Med Assoc** 1985 Aug 1;187(3):254–5

Therapeutic strategies involving antimicrobial treatment of small animals with peritonitis. Thornhill JA. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1181–4 (26 ref.)

Bullous pemphigoid in a dog: treatment with six-mercaptopurine. White SD, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):683–6

The treatment of canine demodecosis with amitraz. Davis DA. **J S Afr Vet Assoc** 1985 Mar;56(1):43–6

Therapeutic efficacy of phenobarbital and primidone in canine epilepsy: a comparison. Schwartz-Porsche D, et al. **J Vet Pharmacol Ther** 1985 Jun;8(2):113–9

Treatment of idiopathic seborrhea in a dog. Bates JR. **Mod Vet Pract** 1984 Sep;65(9):725

Clinical evaluation of amitraz for treatment of canine scabies. Folz SD, et al. **Mod Vet Pract** 1984 Aug;65(8):597–600

Effects of glucocorticoids on endocrine function in the dog. Kemppainen RJ. **Vet Clin North Am [Small Anim Pract]** 1984 Jul; 14(4):721–30 (46 ref.)

Evaluation of a topical treatment, alone and in combination with a detergent, for generalized demodicosis. Folz SD, et al. **Vet Parasitol** 1985 Jan;17(2):165–72

Clinical evaluation of amitraz as a treatment for canine demodicosis. Folz SD, et al. **Vet Parasitol** 1984 Nov; 16(3–4):335–41

Liver changes, following diethylcarbamazine administration, in microfilaremic dogs infected with Dirofilaria immitis. Sutton RH, et al. **Vet Pathol** 1985 Mar;22(2):177–83

Experimental and clinical trials of long acting oxytetracycline in the treatment of canine ehrlichiosis. Ogunkoya AB, et al. **Vet Q** 1985 Apr;7(2):158–61

Efficacy of clavulanate-potentiated amoxycillin in experimental and clinical skin infections. Bywater RJ, et al. **Vet Rec** 1985 Feb 16;116(7):177–9

Selenium/vitamin E and cancerous conditions [letter] Cowie RS. **Vet Rec** 1985 Feb 9;116(6):168

Therapy for cardiac failure in small animals. Darke PG. **Vet Rec** 1984 Sep 29;115(13):329–31

Successful treatment of Filaroides osleri infection with oxfendazole. Kelly PJ, et al. **Vet Rec** 1985 Apr 20; 116(16):445–6

Treatment of canine heartworm disease in Britain [letter] Sewell MM. **Vet Rec** 1984 Oct 27;115(17):447

Picrotoxin, the antidote to ivermectin in dogs? [letter] Sivine F, et al. **Vet Rec** 1985 Feb 16;116(7):195–6

[Use of the eye-derived growth factor in the treatment of ulcer of the cornea. A veterinary medicine study in the dog] Muller G, et al. **J Fr Ophtalmol** 1985;8(2):187–92 (Eng. Abstr.) (Fre)

[Clinico-morphological analysis of chemotherapy effectiveness in spontaneous hemoblastoses in dogs] Iliukhin AV, et al. **Vopr Onkol** 1985;31(3):88–91 (Eng. Abstr.) (Rus)

ENZYMOLOGY

Serum amylase and isoamylases and their origins in healthy dogs and dogs with experimentally induced acute pancreatitis. Murtaugh RJ, et al. **Am J Vet Res** 1985 Mar; 46(3):742–7

Serum antiprotease concentrations in dogs with spontaneous and experimentally induced acute pancreatitis. Murtaugh RJ, et al. **Am J Vet Res** 1985 Jan;46(1):80–3

Elevated leukocyte phosphodiesterase as a basis for depressed cyclic adenosine monophosphate responses in the Basenji greyhound dog model of asthma. Chan SC, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):148–58

Neurovisceral and skeletal GM1-gangliosidosis in dogs with beta-galactosidase deficiency. Alroy J, et al. **Science** 1985 Aug 2;229(4712):470–2

Serum isoamylase values in normal dogs and dogs with exocrine pancreatic insufficiency. Simpson JW, et al. **Vet Res Commun** 1984 Nov;8(4):303–8

ETIOLOGY

Investigations of 90Sr in dogs. I. Pathogenesis of radiation-induced bone tumors. Nilsson A, et al. **Acta Radiol [Oncol]** 1985 Jan–Feb;24(1):95–111

Rhegmatogenous retinal detachment in Labrador retrievers. I. Development of retinal tears and detachment. Blair NP, et al. **Arch Ophthalmol** 1985 Jun;103(6):842–7

Development of a model of caval syndrome in dogs infected with Dirofilaria immitis. Buoro IB, et al. **Aust Vet J** 1984 Aug;61(8):267–8

Urinary tract infection due to indwelling bladder catheters in dogs and cats. Barsanti JA, et al. **J Am Vet Med Assoc** 1985 Aug 15;187(4):384–8

Idiopathic hemorrhagic pericardial effusion in eight dogs. Berg RJ, et al. **J Am Vet Med Assoc** 1984 Nov 1; 185(9):988–92

Cacao bean shell poisoning in a dog. Drolet R, et al. **J Am Vet Med Assoc** 1984 Oct 15;185(8):902

Pathogenesis of canine aural hematomas. Dubielzig RR, et al. **J Am Vet Med Assoc** 1984 Oct 15;185(8):873–5

Thrombocytopenia associated with vaccination of a dog with a modified-live paramyxovirus vaccine. McAnulty JF, et al. **J Am Vet Med Assoc** 1985 Jun 1;186(11):1217–9

Canine stress syndrome [letter] O'Brien PJ, et al. **J Am Vet Med Assoc** 1985 Mar 1;186(5):432–3

Postoperative complication of cervical fracture repair in a dog. Spackman CJ, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):1004–6

Thoracic wall and pulmonary trauma in dogs sustaining fractures as a result of motor vehicle accidents. Spackman CJ, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):975–7

Tetraparesis following cervical disk fenestration in two dogs. Tomlinson J. **J Am Vet Med Assoc** 1985 Jul 1;187(1):76–7

Chronic hypertrophic pyloric gastropathy as a cause of pyloric obstruction in the dog. Walter MC, et al. **J Am Vet Med Assoc** 1985 Jan 15;186(2):157–61

Chylothorax associated with blastomycosis in a dog. Willard MD, et al. **J Am Vet Med Assoc** 1985 Jan 1;186(1):72–3

Wheat-sensitive enteropathy in Irish setter dogs: possible age-related brush border abnormalities. Batt RM, et al. **Res Vet Sci** 1985 Jul;39(1):80–3

Experimental immune complex glomerulonephritis in dogs receiving cationized bovine serum albumin. Wright NG, et al. **Res Vet Sci** 1985 May;38(3):322–8

Hypoglycemia. Leifer CE, et al. **Vet Clin North Am [Small Anim Pract]** 1984 Jul; 14(4):873–89 (84 ref.)

Hypercalcemia. Meuten DJ. **Vet Clin North Am [Small Anim Pract]** 1984 Jul; 14(4):891–910 (67 ref.)

Acute hepatic failure. Sherding RG. **Vet Clin North Am [Small Anim Pract]** 1985 Jan; 15(1):119–33

Airgun injuries [letter] Burnie AG, et al. **Vet Rec** 1985 Feb 9;116(6):167–8

Lameness following mating [letter] Cheetham CJ. **Vet Rec** 1985 Jun 29;116(26):699

Vocal cord paralysis following endotracheal intubation in a bitch. Dass LL, et al. **Vet Rec** 1985 Feb 23;116(8):218

Pancreatitis, gastrointestinal ulceration and haemorrhage and necrotising cystitis following the surgical treatment of degenerative disc disease in a dachshund. Davies M. **Vet Rec** 1985 Apr 13;116(15):398–9

Urinary incontinence in a bitch caused by vaginal fibroma. Sahay PN, et al. **Vet Rec** 1985 Jan 19;116(3):76–7

Association between urinary incontinence and spaying in bitches. Thrusfield MV. **Vet Rec** 1985 Jun 29;116(26):695

Proctocolitis in the dog [letter] Wilson ND. **Vet Rec** 1985 May 4;116(18):503

[Accidents in general anesthesia in cats and dogs. 1.] Glardon O, et al. **Schweiz Arch Tierheilkd** 1985 Jul;127(7):407–16 (Ger)

[Allergens causing skin changes in dogs and humans. II. Inhaled allergens] Pomorski Z, et al. **Przegl Dermatol** 1985

Jan–Feb;72(1):27–30 (Eng. Abstr.) (Pol)

[Allergens causing skin changes in dogs and humans. I. Food allergens] Pomorski Z, et al. **Przegl Dermatol** 1985 Jan–Feb; 72(1):21–5 (Eng. Abstr.) (Pol)

[Appearance of an osteogenic sarcoma in a dog at the site of metal osteosynthesis] Golubeva VA, et al. **Arkh Patol** 1984;46(8):34–7 (Rus)

FAMILIAL & GENETIC

Fluorescein angiography in homozygote and carrier state of progressive retinal atrophy of the poodle; comparative aspects with human retinitis pigmentosa. Koskinen L, et al. **Acta Ophthalmol (Copenh)** 1985 Jun;63(3):297–304

Animal model of human disease. Dermatomyositis. Familial canine dermatomyositis. Hargis AM, et al. **Am J Pathol** 1985 Aug;120(2):323–5

Familial reflex myoclonus in Labrador Retrievers. Fox JG, et al. **Am J Vet Res** 1984 Nov;45(11):2367–70

Inherited enchondrodystrophic dwarfism in English pointers. Lavelle RB. **Aust Vet J** 1984 Aug;61(8):268

Familial nephropathy in cocker spaniels. Robinson WF, et al. **Aust Vet J** 1985 Apr;62(4):109–12

Recurrent and persistent infections in related Weimaraner dogs. Studdert VP, et al. **Aust Vet J** 1984 Aug;61(8):261–3

Multiple congenital ocular defects in the Akita dog. Laratta LJ, et al. **Cornell Vet** 1985 Jul;75(3):381–92

Clinical features of spongy degeneration of the central nervous system in two Labrador retriever littermates. O'Brien DP, et al. **J Am Vet Med Assoc** 1985 Jun 1; 186(11):1207–10

'Retroposon' insertion into the cellular oncogene c–myc in canine transmissible venereal tumor. Katzir N, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1054–8

Heterozygote detection in a family of Lapland dogs with a recessively inherited metabolic disease: canine glycogen storage disease type II. Walvoort HC, et al. **Res Vet Sci** 1985 Mar;38(2):174–8

Hereditary cataract in the standard poodle. Barnett KC, et al. **Vet Rec** 1985 Jul 6;117(1):15–6

Entropion in sharpeis [letter] Bedford PG. **Vet Rec** 1984 Dec 22–29;115(25–26):666

Late-onset cataract in the Boston terrier. Curtis R. **Vet Rec** 1984 Dec 1;115(22):577–8

Entropion in sharpeis [letter] Curtis R, et al. **Vet Rec** 1984 Dec 15;115(24):634

Entropion in sharpeis [letter] Lewis DG. **Vet Rec** 1985 Feb 23;116(8):222

Could canine cancer be reduced by selective breeding? [letter] Macadam I. **Vet Rec** 1984 Oct 13;115(15):391

[Dysostoses and postural limb abnormalities in rapidly growing dogs] Paatsama S, et al. **Tierarztl Prax** 1985;Suppl 1:179–87 (Eng. Abstr.) (Ger)

IMMUNOLOGY

Blastogenesis-suppressing serum factors, decreased immunoglobulin A, and increased beta 1–globulins in Airedale Terriers with diskospondylitis. Barta O, et al. **Am J Vet Res** 1985 Jun;46(6):1319–22

Application of the enzyme–linked immunosorbent assay for the detection of platelet antibodies in dogs. Campbell KL, et al. **Am J Vet Res** 1984 Dec;45(12):2561–4

Immunoradiometric assay for quantitation of Dirofilaria immitis antigen in dogs with heartworm infections. Hamilton RG, et al. **Am J Vet Res** 1984 Oct;45(10):2055–61

Keratoconjunctivitis sicca: immunological evaluation of 62 canine cases. Kaswan RL, et al. **Am J Vet Res** 1985 Feb; 46(2):376–83

Specific antibody responses to Taenia hydatigena, Taenia pisiformis and Echinococcus granulosus infection in dogs. Jenkins DJ, et al. **Aust Vet J** 1985 Mar;62(3):72–8

Regulation of leukocyte glass adherence and tube leukocyte adherence inhibition (LAI) reactivity by serum factors in dogs with progressing or spontaneously regressing canine transmissible venereal sarcoma (CTVS). Harding MW, et al. **Cancer Immunol Immunother** 1985;19(3):168–76

Complement C4 allotype association with and serum C4 concentration in an autoimmune disease in the dog. Day MJ, et al. **Clin Immunol Immunopathol** 1985 Apr; 35(1):85–91

Selective IgA deficiency in the dog. Felsburg PJ, et al. **Clin Immunol Immunopathol** 1985 Sep;36(3):297–305

Altered immune function in a dog with disseminated protothecosis. Rakich PM, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):681–3

Repeated patent infection of adult dogs with Toxocara canis. Maizels RM, et al. **J Helminthol** 1984 Dec;58(4):327–33

Acute canine idiopathic polyneuropathy (ACIP) serum demyelinates peripheral nerve in vivo. Brown MJ, et al. **J Neuroimmunol** 1985 Jan;7(4):239–48

Immunity of dogs against Babesia canis, its vector tick Dermacentor reticulatus, and Ixodes ricinus in endemic area. Martinod S, et al. **J Parasitol** 1985 Jun;71(3):269–73

T and B lymphocytes in canine lymphosarcoma. Koyama H, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):157–60

Immunosuppressive proteins in the serum from the dog with squamous cell carcinoma. Kuwabara M, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):121–3

A serological survey on rotavirus infection in dogs by immune adherence hemagglutination test. Sugiyama M, et al. **Nippon Juigaku Zasshi** 1984 Oct;46(5):767–9

Atopic dermatitis in Norwegian dogs. Vollset I. **Nord Vet Med** 1985 Mar–Apr;37(2):97–106

Immunological and ultrastructural aspects of the cell-mediated killing of Dirofilaria immitis microfilariae. Rzepczyk CM, et al. **Parasite Immunol** 1984 Sep; 6(5):443–57

Specificities of antinuclear antibodies detected in dogs with systemic lupus erythematosus. Costa O, et al. **Vet Immunol Immunopathol** 1984 Oct;7(3–4):369–82

Autoantibodies to pancreatic islet cells in canine diabetes mellitus. Haines DM, et al. **Vet Immunol Immunopathol** 1985 Jan;8(1–2):149–56

IgE and IgG antibodies to flea antigen in differing dog populations. Halliwell RE, et al. **Vet Immunol Immunopathol** 1985 Feb;8(3):215–23

Determination of specific anti–leptospiral immunoglobulins M and G in sera of experimentally infected dogs by solid–phase enzyme–linked immunosorbent assay. Hartman EG, et al. **Vet Immunol Immunopathol** 1984 Aug;7(1):43–51

The longevity of immunoglobulin preservation in canine skin utilizing Michel's fixative. Ihrke PJ, et al. **Vet Immunol Immunopathol** 1985 Jun;9(2):161–70

Comparison of the blastogenic response of peripheral blood lymphocytes from canine parvovirus–positive and –negative outbred dogs. Olsen CG, et al. **Vet Immunol Immunopathol** 1984 Jul;6(3–4):285–90

Increase in the haemolytic complement activity of dogs affected with cyclic haematopoiesis. Trail PA, et al. **Vet Immunol Immunopathol** 1984 Oct;7(3–4):359–68

Progressive polysystemic immune–mediated disease in a dog. Werner LL, et al. **Vet Immunol Immunopathol** 1985 Jan; 8(1–2):183–92

An investigation of the role of immunologic factors in anemia associated with canine heartworm disease. Werner LL, et al. **Vet Immunol Immunopathol** 1984 Oct;7(3–4):285–92

METABOLISM

Influence of Escherichia coli endotoxin–induced fever on pharmacokinetics of imidocarb in dogs and goats. Abdullah AS, et al. **Am J Vet Res** 1984 Dec;45(12):2645–8

Quantitation of uveoscleral outflow in normotensive and glaucomatous Beagles by 3H–labeled dextran. Barrie KP, et al. **Am J Vet Res** 1985 Jan;46(1):84–8

Morphologic studies of uveoscleral outflow in normotensive and glaucomatous beagles with fluorescein–labeled dextran. Barrie KP, et al. **Am J Vet Res** 1985 Jan;46(1):89–97

Pharmacokinetics of prednisolone sodium succinate and its metabolites in normovolemic and hypovolemic dogs. Hankes GH, et al. **Am J Vet Res** 1985 Feb;46(2):476–8

Effect of collection time and exercise restriction on the prediction of urine protein excretion, using urine protein/creatinine ratio in dogs. McCaw DL, et al. **Am J Vet Res** 1985 Aug;46(8):1665–9

Tritiated thymidine incorporation into canine cyclic hematopoietic bone marrow in vitro. Jones JB, et al. **Exp Hematol** 1985 Aug;13(7):685–90

A polypeptide immunoreactive nonchromaffin paraganglioma in the periglandular connective tissue of glandula suprarenalis of a dog. A case report. Dorn A, et al. **Exp Pathol** 1985;27(2):99–104

Clinical evaluation of sodium sulfanilate clearance for the diagnosis of renal disease in dogs. Maddison JE, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):961–5

Estrogen and progesterone receptors and progesterone metabolism in canine mammary tumours. Inaba T, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):797–803

Copper toxicosis in a Bedlington terrier. Colvin BM, et al. **Vet Hum Toxicol** 1984 Dec;26(6):486–7

Histochemical demonstration of copper and copper–associated protein in the canine liver. Thornburg LP, et al. **Vet Pathol** 1985 Jul;22(4):327–32

Pathobiology of copper toxicity. Nederbragt H, et al. **Vet Q** 1984 Sep;6(4):179–85, 235 (39 ref.)

MICROBIOLOGY

Actinomyces hordeovulneris, a canine pathogen that produces L–phase variants spontaneously with coincident calcium deposition. Buchanan AM, et al. **Am J Vet Res** 1984 Dec;45(12):2552–60

Staphylococci in canine urolithiasis: species identification, using a commercially available tray micromethod. Case LC, et al. **Am J Vet Res** 1985 Jan;46(1):238–41

Antimicrobial susceptibility of coagulase–positive staphylococci isolated from Louisiana dogs. Cox HU, et al. **Am J Vet Res** 1984 Oct;45(10):2039–42

Isolation and identification of caliciviruses from dogs with enteric infections. Evermann JF, et al. **Am J Vet Res** 1985 Jan;46(1):218–20

Relationship of upper and lower urinary tract infection and bacterial invasion of uroepithelium to antibody–coated bacteria test results in female dogs. Ling GV, et al. **Am J Vet Res** 1985 Feb;46(2):499–504

Antimicrobial susceptibility patterns of canine Staphylococcus intermedius isolates from veterinary clinical specimens. Phillips WE Jr, et al. **Am J Vet Res** 1984 Nov;45(11):2376–9

Role of canine parainfluenza virus and Bordetella bronchiseptica in kennel cough. Wagener JS, et al. **Am J Vet Res** 1984 Sep;45(9):1862–6

Structural polypeptides of a canine parvovirus: study by immunoadsorption and sequential analysis of infected cells. Brief report. Surleraux M, et al. **Arch Virol** 1984; 82(3–4):233–40

Phycomycosis in a dog. English PB, et al. **Aust Vet J** 1984 Sep;61(9):291–2

Breeding difficulties with a stud dog. Johnstone I. **Aust Vet J** 1985 Feb;62(2):65

Use of isoelectric focusing of bacterial proteins for characterisation of strains of motile anaerobic 'corroding' bacteria isolated from soft tissue infections in cats and dogs. Love DN, et al. **Comp Immunol Microbiol Infect Dis** 1984; 7(2):101–8

More on canine ehrlichiosis [letter] Couto CG. **J Am Vet Med Assoc** 1985 Apr 15;186(8):762, 778

Rocky Mountain spotted fever in dogs and its differentiation from canine ehrlichiosis. Greene CE, et al. **J Am Vet Med Assoc** 1985 Mar 1;186(5):465–72

More on canine ehrlichiosis [letter] Johnson JT, et al. **J Am Vet Med Assoc** 1985 Apr 15;186(8):778

Gastrointestinal phycomycosis in 63 dogs. Miller RI. **J Am Vet Med Assoc** 1985 Mar 1;186(5):473–8

Rhinosporidiosis in a dog. Mosier DA, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):1009–10

Specific and cross-reacting antigens of Staphylococcus aureus of human and canine origins. Live I. **J Clin Microbiol** 1985 Jan;21(1):43–5

Comparison of strains of gram–negative, anaerobic, agar–corroding rods isolated from soft tissue infections in cats and dogs with type strains of Bacteroides gracilis, Wolinella recta, Wolinella succinogenes, and Campylobacter concisus. Love DN, et al. **J Clin Microbiol** 1984 Oct;20(4):747–50

Canine distemper virus does not infect oligodendrocytes in vitro. Vandevelde M, et al. **J Neurol Sci** 1985 Jul; 69(3):133–7

Animal histoplasmosis in Brazil. Isolation of histoplasma capsulatum from a dog on the Northern Coast of São Paulo. Forjaz MH, et al. **Mykosen** 1985 Apr;28(4):191–4

Comparative studies of physicochemical and biological properties between canine parvovirus and feline panleukopenia virus. Goto H, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):519–26

Isolation of a rotavirus from canine diarrheal feces. Mochizuki M, et al. **Nippon Juigaku Zasshi** 1984 Dec; 46(6):905–8

Canine parvovirus enteritis 2: Pathogenesis. Macartney L, et al. **Vet Rec** 1984 Nov 3;115(18):453–60

Campylobacter infection in domestic dogs. Nair GB, et al. **Vet Rec** 1985 Mar 2;116(9):237–8

Survey of fungal isolates from alopecic and asymptomatic dogs. van Cutsem J, et al. **Vet Rec** 1985 May 25; 116(21):568–9

[Salmonella abortus ovis carrier state in dogs and rats] Vodas K, et al. **Vet Med Nauki** 1985;22(1):10–5 (Eng. Abstr.) (Bul)

[Salmonella fyris in a dog] Teunissen GH, et al. **Tijdschr Diergeneeskd** 1984 Sep 15;109(18):700–2 (Eng. Abstr.) (Dut)

[Isolation of Campylobacter jejuni from diarrheal and non–diarrheal dogs and serotyping of the isolates by slide agglutination technique] Itoh T, et al. **Kansenshogaku Zasshi** 1984 May;58(5):393–9 (Eng. Abstr.) (Jpn)

MORTALITY

Hemangiosarcomas. Brown NO. **Vet Clin North Am [Small Anim Pract]** 1985 May; 15(3):569–75

OCCURRENCE

Occurrence and impact of zoonoses in pet dogs and cats at US Air Force bases. Warner RD. **Am J Public Health** 1984 Nov;74(11):1239–43

Anatomic predisposition to perianal fistulae formation in the German shepherd dog. Budsberg SC, et al. **Am J Vet Res** 1985 Jul;46(7):1468–72

Hydatid disease in the Turkana District of Kenya, IV. The prevalence of Echinococcus granulosus infections in dogs, and observations on the role of the dog in the lifestyle of the Turkana. Macpherson CN, et al. **Ann Trop Med Parasitol** 1985 Feb;79(1):51–61

Leishmaniasis in the south–east of Spain: preliminary results of a serological and parasitological study in dogs. Segovia M, et al. **Ann Trop Med Parasitol** 1985 Jun;79(3):337–8

Clinical features therapy and epidemiology of tiger snake bite in dogs and cats. Barr SC. **Aust Vet J** 1984 Jul; 61(7):208–12

A survey of heartworm in dogs in Australia. Carlisle CH, et al. **Aust Vet J** 1984 Nov;61(11):356–60

Prevalence of Dirofilaria immitis and Dipetalonema reconditum in greyhounds. Martin TE, et al. **Aust Vet J** 1985 May;62(5):159–63

Autoimmune haemolytic anaemia in dogs. Mills JN, et al. **Aust Vet J** 1985 Apr;62(4):121–3

Incidence of poisonings in dogs and cats in Melbourne. Studdert VP. **Aust Vet J** 1985 Apr;62(4):133–5

A five–year analysis of diseases of dogs and cats in the Veterinary Clinic of Freetown, Sierra Leone. Hassan IC. **Beitr Trop Landwirtsch Veterinarmed** 1984;22(3):305–8

Viral zoonoses in Nigeria: (I) Rabies. Durojaiye OA. **Int J Zoonoses** 1984 Jun;11(1):65–8

Granulomatous meningoencephalomyelitis. Braund KG. **J Am Vet Med Assoc** 1985 Jan 15;186(2):138–41 (0 ref.)

Canine hemangiosarcoma: retrospective analysis of 104 cases. Brown NO, et al. **J Am Vet Med Assoc** 1985 Jan 1; 186(1):56-8

Arthritis caused by Borrelia burgdorferi in dogs. Kornblatt AN, et al. **J Am Vet Med Assoc** 1985 May 1;186(9):960-4

Borreliosis in dogs from southern Connecticut. Magnarelli LA, et al. **J Am Vet Med Assoc** 1985 May 1;186(9):955-9

A tick/rickettsia survey of dogs in three counties in Mississippi, USA. Nause CL Jr, et al. **J Med Entomol** 1984 Jul 26;21(4):405-8

Prevalence of toxocariasis and echinococcosis among dogs in the Niger Delta. Arene FO. **J Trop Med Hyg** 1984 Oct; 87(5):207-9

Clinical disorders observed in a beagle breeding colony. Fukuda S, et al. **Jikken Dobutsu** 1985 Jan;34(1):41-7

Cryptorchidism in the dog: occurrence of cryptorchidism and semen quality in the cryptorchid dog. Kawakami E, et al. **Nippon Juigaku Zasshi** 1984 Jun;46(3):303-8

The epidemiology of Echinococcus infection in the Niger Delta. Arene FO, et al. **Public Health** 1985 Jan;99(1):30-2

Antibodies to Rickettsia conori in dogs in western Sicily. Mansueto S, et al. **Trans R Soc Trop Med Hyg** 1984; 78(5):681-2

Primary bone tumors. Jongeward SJ. **Vet Clin North Am [Small Anim Pract]** 1985 May; 15(3):609-41 (120 ref.)

The incidence of canine haematozoa in Peninsular Malaysia. Rajamanickam C, et al. **Vet Parasitol** 1985 Jan;17(2):151-7

Entropion in sharpeis and CPRA in briards [letter] Bedford PG. **Vet Rec** 1985 Mar 9;116(10):274

A survey of fractures in the dog and cat in Malaysia. Wong WT. **Vet Rec** 1984 Sep 15;115(11):273-4

Epidemiological aspects of canine leptospirosis in the Netherlands. Hartman EG. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec; 258(2-3):350-9

[Current status of studies of brucellosis canis abroad] Li YK. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Jun; 6(3):173-5 (16 ref.) (Eng. Abstr.) (Chi)

[Incidence of coccidia in dogs in Brno and the surrounding area] Svobodová V, et al. **Vet Med (Praha)** 1984 Oct; 29(10):627-32 (Cze)

[Autochthonous babesiosis in dogs in the Netherlands?] Uilenberg G, et al. **Tijdschr Diergeneeskd** 1985 Feb 1; 110(3):93-8 (Eng. Abstr.) (Dut)

[Stomach neoplasms in the dog] Krauser K. **Berl Munch Tierarztl Wochenschr** 1985 Feb 1;98(2):48-53 (Eng. Abstr.) (Ger)

[Babesia infections in horses, cattle and dogs in southern Germany] Boch J. **Tierarztl Prax** 1985;Suppl 1:3-7 (Eng. Abstr.) (Ger)

[Primary neoplasms and hyperplasias of the gastric mucosa in the dog] Landes C, et al. **Tierarztl Prax** 1985;Suppl 1:139-58 (Eng. Abstr.) (Ger)

[First description of an outbreak of acute canine hemorrhagic gastroenteritis in Costa Rica] Hernández F, et al. **Rev Latinoam Microbiol** 1984 Jan-Mar;26(1):27-38 (Eng. Abstr.) (Spa)

[Incidence of positive tuberculosis reactions in dogs] Tolosa Sánchez J, et al. **Salud Publica Mex** 1984 Nov-Dec; 26(6):599-605 (Eng. Abstr.) (Spa)

PARASITOLOGY

Recovery and viability of Dirofilaria immitis microfilariae. Grieve RB, et al. **Acta Trop (Basel)** 1984 Sep;41(3):271-8

Surgical transplantation of adult Dirofilaria immitis to study heartworm infection and disease in dogs. Rawlings CA, et al. **Am J Vet Res** 1985 Jan;46(1):221-4

Ultrastructure of schizonts in the liver of cats with experimentally induced cytauxzoonosis. Simpson CF, et al. **Am J Vet Res** 1985 Feb;46(2):384-90

Dipetalonema reconditum in dogs with microfilaraemia. Boreham PF, et al. **Aust Vet J** 1985 Jan;62(1):27-8

The effectiveness of levamisole hydrochloride against the microfilaria of Dirofilaria immitis. Carlisle CH, et al. **Aust Vet J** 1984 Sep;61(9):282-4

First case of introduction of the tick Rhipicephalus sanguineus to Czechoslovakia. Cerný V. **Folia Parasitol (Praha)** 1985;32(2):162

Taeniid infection of dogs in Zaria Nigeria. Folaranmi DO, et al. **Int J Zoonoses** 1984 Dec;11(2):145-8

Pneumonitis associated with occult heartworm disease in dogs. Calvert CA, et al. **J Am Vet Med Assoc** 1985 May 15;186(10):1097-8

Angiostrongylosis in a greyhound. Williams JF, et al. **J Am Vet Med Assoc** 1985 May 15;186(10):1101-3

Peritoneal cestodiasis in a dog. Williams JF, et al. **J Am Vet Med Assoc** 1985 May 15;186(10):1103-5

Transmission electron microscopical studies of the site of attachment of Ancylostoma ceylanicum to the small bowel mucosa of the dog. Carroll SM, et al. **J Helminthol** 1984 Dec;58(4):313-20

Study of an outbreak of cutaneous leishmaniasis in Venezuela. The role of domestic animals. Aguilar CM, et al. **Mem Inst Oswaldo Cruz** 1984 Apr-Jun;79(2):181-95

Studies on canine babesiosis in Okinawa Island. Yonamine H, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):511-8

[The development of Sarcocystis arieticanis n. sp.] Heydorn AO. **Berl Munch Tierarztl Wochenschr** 1985 Jul 1; 98(7):231-41 (Eng. Abstr.) (Ger)

[Migration and distribution of Toxocara canis Werner 1782 (Anisakidae) larvae in the definitive host (beagle) following primary infection and reinfection] Zimmermann U, et al. **Zentralbl Veterinarmed [B]** 1985 Jan;32(1):1-28 (Eng. Abstr.) (Ger)

[Finding of Dipetalonema reconditum (Grassi, 1890) (Nematoda: Filarioidea) in a dog in Cuba] Bouza M, et al. **Rev Cubana Med Trop** 1984 Jan-Apr;36(1):22-9 (Eng. Abstr.) (Spa)

PATHOLOGY

Immunocytochemical studies in canine neuroectodermal brain tumors. Vandevelde M, et al. **Acta Neuropathol (Berl)** 1985;66(2):111-6

Intestinal lymphangiectasia in the Lundehund. Scanning electron microscopy of intestinal mucosa. Landsverk T, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Sep; 92(5):353-62

Idiopathic immune complex glomerulonephritis in dogs with multisystem involvement. Jeraj KP, et al. **Am J Vet Res** 1984 Sep;45(9):1699-705

Lipids of normal and osteochondritic cartilage of the immature canine humeral head. Kincaid SA, et al. **Am J Vet Res** 1985 May;46(5):1060-5

Ultrastructure of canine, feline, and bovine mast cell neoplasms. Madewell BR, et al. **Am J Vet Res** 1984 Oct; 45(10):2066-73

Cyclopiazonic acid mycotoxicosis in the dog. Nuehring LP, et al. **Am J Vet Res** 1985 Aug;46(8):1670-6

Rhegmatogenous retinal detachment in Labrador retrievers. II. Proliferative vitreoretinopathy. Blair NP, et al. **Arch Ophthalmol** 1985 Jun;103(6):848-54

Pulmonary arterial luminal diameters in relation to the distribution of the lesions associated with canine dirofilariasis. Atwell RB, et al. **Aust Vet J** 1985 Jan; 62(1):29-30

Polioencephalomalacia in dogs with distemper encephalitis. Finnie JW, et al. **Aust Vet J** 1984 Dec;61(12):407-8

Clinical and haematological features of haemangiosarcoma in dogs. Ng CY, et al. **Aust Vet J** 1985 Jan;62(1):1-4

Unexpected death in an adult dog with anomalous origin of the left coronary artery from the pulmonary trunk. Turk MA, et al. **Cornell Vet** 1984 Oct;74(4):344-8

A case of liposarcoma in the liver of a dog. Sundararaj A, et al. **Indian J Cancer** 1984 May-Jun;21(2):85-7

Disseminated cutaneous hemangiosarcoma in a young dog. Arp LH, et al. **J Am Vet Med Assoc** 1984 Sep 15; 185(6):671-3

Neutrophilic leukocytosis associated with metastatic fibrosarcoma in a dog. Chinn DR, et al. **J Am Vet Med Assoc** 1985 Apr 15;186(8):806-9

Clinicopathologic aspects of acute leukemias in the dog. Couto CG. **J Am Vet Med Assoc** 1985 Apr 1;186(7):681-5

Pancreatic beta-cell carcinoma with renal metastasis in a dog. Dahlgren RR, et al. **J Am Vet Med Assoc** 1985 Aug 15; 187(4):425-6

Pemphigus foliaceus in dogs: a review of 37 cases. Ihrke PJ, et al. **J Am Vet Med Assoc** 1985 Jan 1;186(1):59-66

Pemphigus foliaceus of the footpads in three dogs. Ihrke PJ, et al. **J Am Vet Med Assoc** 1985 Jan 1;186(1):67-9

Spinal cord medulloepithelioma in a dog. Kennedy FA, et al. **J Am Vet Med Assoc** 1984 Oct 15;185(8):902-4

Uveitis associated with poliosis and vitiligo in six dogs. Kern TJ, et al. **J Am Vet Med Assoc** 1985 Aug 15;187(4):408-14

Orbital neoplasia in 23 dogs. Kern TJ. **J Am Vet Med Assoc** 1985 Mar 1;186(5):489-91

Bullous emphysema and recurrent pneumothorax in the dog. Kramek BA, et al. **J Am Vet Med Assoc** 1985 May 1; 186(9):971-4

Infiltrative lipoma in three dogs. Kramek BA, et al. **J Am Vet Med Assoc** 1985 Jan 1;186(1):81-2

Hemothorax associated with telangiectatic osteosarcoma in a dog. Mahaffey EA, et al. **J Am Vet Med Assoc** 1985 Aug 1;187(3):270-2

Degenerative myelopathy in an adult miniature poodle. Matthews NS, et al. **J Am Vet Med Assoc** 1985 Jun 1; 186(11):1213-5

Laryngeal oncocytoma in two dogs. Mays MB. **J Am Vet Med Assoc** 1984 Sep 15;185(6):677-9

Ameloblastic odontoma in a dog. Nold JB, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):996-8

Neurologic manifestations of cerebrovascular atherosclerosis associated with primary hypothyroidism in a dog. Patterson JS, et al. **J Am Vet Med Assoc** 1985 Mar 1;186(5):499-503

Mycotic keratitis in a dog: concurrent Aspergillus sp and Curvularia sp infections. Qualls CW Jr, et al. **J Am Vet Med Assoc** 1985 May 1;186(9):975-6

Peripheral polyneuropathy in a dog with functional islet B-cell tumor and widespread metastasis. Shahar R, et al. **J Am Vet Med Assoc** 1985 Jul 15;187(2):175-7

Myotonic dystrophy-like disease in a dog. Simpson ST, et al. **J Am Vet Med Assoc** 1985 Mar 1;186(5):495-8

Transitional cell carcinoma of the urethra metastatic to the eyes in a dog. Szymanski C, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):1003-4

Compound odontoma in a dog. Valentine BA, et al. **J Am Vet Med Assoc** 1985 Jan 15;186(2):177-9

Bone marrow necrosis in the dog. Weiss DJ, et al. **J Am Vet Med Assoc** 1985 Jul 1;187(1):54-9

Secondary myelofibrosis in three dogs. Weiss DJ, et al. **J Am Vet Med Assoc** 1985 Aug 15;187(4):423-5

Intrathoracic lipoma in a dog. Woolfson JM, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):1007-9

Craniopharyngioma in a dog. Hawkins KL, et al. **J Comp Pathol** 1985 Jul;95(3):469-74

Canine multilobular osteosarcoma of the skull with metastasis. Losco PE, et al. **J Comp Pathol** 1984 Oct; 94(4):621-4

Canine inherited ataxia: ultrastructural observations. Troncoso JC, et al. **J Neuropathol Exp Neurol** 1985 Mar; 44(2):165-75

A case of a highly invasive carcinoma of a salivary gland in a crossbred dog. Louw GJ, et al. **J S Afr Vet Assoc** 1984 Sep;55(3):131-2

Infertility in a Maltese poodle as a result of a sperm midpiece defect. Oettlé EE, et al. **J S Afr Vet Assoc** 1985 Jun; 56(2):103-6

Identification and characterization of amyloid protein AA in spontaneous canine amyloidosis. Benson MD, et al. **Lab Invest** 1985 Apr;52(4):448-52

Primary renal disease in a dog. Manderino DM, et al. **Mod Vet Pract** 1984 Aug;65(8):633-5

Nephroblastoma with liver and lung metastases in an adult dog. Nakayama H, et al. **Nippon Juigaku Zasshi** 1984 Dec; 46(6):897-900

Imported canine visceral leishmaniasis in Denmark. Bindseil E, et al. **Nord Vet Med** 1985 Jan-Feb;37(1):16-21

Influence of N-acetylhomocysteine thiolactone on cultured retinal cells in canine neuronal lipofuscinosis. An ultrastructural study. Spoerri PE, et al. **Ophthalmic Res** 1984;16(6):307-14

Morphological and biochemical studies of a naturally occurring enteropathy in the Irish setter dog: a comparison with coeliac disease in man. Batt RM, et al. **Res Vet Sci** 1984 Nov;37(3):339-46

Chronic hepatitis. An emerging syndrome in dogs. Hardy RM. **Vet Clin North Am [Small Anim Pract]** 1985 Jan; 15(1):135-50

Oral tumors. Harvey HJ. **Vet Clin North Am [Small Anim Pract]** 1985 May; 15(3):493-500 (23 ref.)

Treatment of metastasis. Jeglum KA. **Vet Clin North Am [Small Anim Pract]** 1985 May; 15(3):659-66

Hepatic neoplasia. Magne ML, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jan; 15(1):243-56

Solid tumors. Richardson RC. **Vet Clin North Am [Small Anim Pract]** 1985 May; 15(3):557-67 (13 ref.)

Skin tumors. Strafuss AC. **Vet Clin North Am [Small Anim Pract]** 1985 May; 15(3):473-92

Interpretation of canine liver biopsy. A clinician's perspective. Zawie DA, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jan;15(1):67-76

Cytochemical characterization of leukemic cells from 20 dogs. Facklam NR, et al. **Vet Pathol** 1985 Jul;22(4):363-9

Hyperplastic endometrial polyps in the dog and cat. Gelberg HB, et al. **Vet Pathol** 1984 Nov;21(6):570-3

Canine ovarian tumors of germ cell origin. Greenlee PG, et al. **Vet Pathol** 1985 Mar;22(2):117-22

Chondrosarcoma of the mitral leaflet in a dog. Greenlee PG, et al. **Vet Pathol** 1984 Sep;21(5):540-2

Lesions of experimental flea bite hypersensitivity in the dog. Gross TL, et al. **Vet Pathol** 1985 Jan;22(1):78-81

Pathogenesis of canine parvovirus enteritis: the importance of viremia. Meunier PC, et al. **Vet Pathol** 1985 Jan; 22(1):60-71

Experimental viral myocarditis: parvoviral infection of neonatal pups. Meunier PC, et al. **Vet Pathol** 1984 Sep; 21(5):509-15

Syncytial cells in canine parathyroid glands. Meuten DJ, et al. **Vet Pathol** 1984 Sep;21(5):463-8

Systemic histiocytosis of Bernese mountain dogs. Moore PF. **Vet Pathol** 1984 Nov;21(6):554-63

Generalized progressive retinal atrophy in two Akita dogs. O Toole D, et al. **Vet Pathol** 1984 Sep;21(5):457-62

Canine cutaneous mast cell tumor: morphologic grading and survival time in 83 dogs. Patnaik AK, et al. **Vet Pathol** 1984 Sep;21(5):469-74

Canine sinonasal skeletal neoplasms: chondrosarcomas and osteosarcomas. Patnaik AK, et al. **Vet Pathol** 1984 Sep; 21(5):475-82

Canine malignant melanotic schwannomas: a light and electron microscopic study of two cases. Patnaik AK, et al. **Vet Pathol** 1984 Sep;21(5):483-8

Renal fibroma in four dogs. Picut CA, et al. **Vet Pathol** 1985 Jul;22(4):422-3

An atypical spinal meningioma in a dog. Raskin RE. **Vet Pathol** 1984 Sep;21(5):538-40

Primary cardiac granular cell tumor in a dog. Sanford SE, et al. **Vet Pathol** 1984 Sep;21(5):489-94

Coccidia associated with cutaneous nodules in a dog. Sangster LT, et al. **Vet Pathol** 1985 Mar;22(2):186-8

Primary intestinal lymphangiectasia in three dogs: a morphological and immunopathological investigation. Suter MM, et al. **Vet Pathol** 1985 Mar;22(2):123-30

Cystic nephroblastoma of an aged dog. Umeda M, et al. **Vet Pathol** 1985 Jan;22(1):84-5

Amyloid in canine mammary tumors. Vos JH, et al. **Vet Pathol** 1985 Jul;22(4):347-54

Mineralisation in kidney and stomach of beagle dogs. Majeed SK. **Vet Q** 1985 Apr;7(2):162-4

Rectal neoplasia in the dog: a clinicopathological review of 31 cases. Holt PE, et al. **Vet Rec** 1985 Apr 13;116(15):400-5

Canine parvovirus enteritis 3: Scanning electron microscopical features of experimental infection. Macartney L, et al. **Vet Rec** 1984 Nov 24;115(21):533–7

Spavin: a proposed term for a non-fracture associated canine hock lesion. Salazar I, et al. **Vet Rec** 1984 Nov 24; 115(21):541–3

Filaroides hirthi in a British bred beagle dog. Spencer A, et al. **Vet Rec** 1985 Jul 6;117(1):8–10

Progressive ataxia in a Pyrenean mountain dog. Wright JA, et al. **Vet Rec** 1985 Apr 13;116(15):410–1

Islet cell carcinomas in dogs. Bestetti G, et al. **Virchows Arch [A]** 1985;405(2):203–14

Lesions in the liver and kidney of Dirofilaria immitis-infected dogs following treatment with ivermectin. Simpson CF, et al. **Z Parasitenkd** 1985;71(1):97–105

[A mixed mamma tumor, a theca cell tumor and a leiomyoma in a bitch] Röcken H. **Berl Munch Tierarztl Wochenschr** 1985 Jun 1;98(6):220–1 (Eng. Abstr.) (Ger)

[Fine structure of comedocarcinoma in dogs and cats] Schönbauer M. **Berl Munch Tierarztl Wochenschr** 1984 Dec 1;97(12):451–6 (Eng. Abstr.) (Ger)

[Mammary tumors in the dog: diagnosis, prognosis and biological behavior] Kälin S, et al. **Schweiz Arch Tierheilkd** 1985 Mar;127(3):205–12 (Eng. Abstr.) (Ger)

[Asteroid hyalosis in the dog] Schäffer EH. **Tierarztl Prax** 1985;13(1):71–5 (Eng. Abstr.) (Ger)

[A mammary adenocarcinoma with skeletal metastasis in a female dog] Schäffer EH, et al. **Tierarztl Prax** 1984; 12(2):251–4 (Ger)

PHYSIOPATHOLOGY

Regional hypoxic pulmonary vasoconstriction in dogs with asymptomatic dirofilariasis. Chapleau MW, et al. **Am J Vet Res** 1985 Jun;46(6):1341–5

Effects of gastric distention-volvulus on coronary blood flow and myocardial oxygen consumption in the dog. Horne WA, et al. **Am J Vet Res** 1985 Jan;46(1):98–104

Echocardiographic and clinical effects of milrinone in dogs with myocardial failure. Kittleson MD, et al. **Am J Vet Res** 1985 Aug;46(8):1659–64

Contractile responses to histamine of isolated pulmonary artery strips from healthy and heartworm-infected dogs. O'Malley NA, et al. **Am J Vet Res** 1985 Jul;46(7):1463–7

Premedication of dogs with acepromazine or pentazocine before euthanasia with carbon monoxide. Dallaire A, et al. **Can J Comp Med** 1985 Apr;49(2):171–8

Abnormal function and thromboxane release from platelets of dogs with cyclic hematopoiesis. Boney CM, et al. **Exp Hematol** 1985 Jul;13(6):586–90

Clinicopathologic findings resembling hypoadrenocorticism in dogs with primary gastrointestinal disease. DiBartola SP, et al. **J Am Vet Med Assoc** 1985 Jul 1;187(1):60–3

Malignant hyperthermia in a dog: case report and review of the syndrome. Kirmayer AH, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):978–82

Carpal hyperextension in two-month-old pups. Shires PK, et al. **J Am Vet Med Assoc** 1985 Jan 1;186(1):49–52

Neurochemical characterization of canine alpha-L-iduronidase deficiency disease (model of human mucopolysaccharidosis I). Constantopoulos G, et al. **J Neurochem** 1985 Oct;45(4):1213–7

A model of cyanotic heart disease: functional, pathological, and metabolic sequelae in the immature canine heart. Kohler J, et al. **J Surg Res** 1984 Oct;37(4):309–13

Ventricular dysrhythmias after congenital heart surgery: a canine model. Garson A Jr. **Pediatr Res** 1984 Nov; 18(11):1112–20

Assessment of renal blood flow in dogs: analysis of 131I-hippuran blood clearance in healthy dogs and in dogs with proteinuria. Biewenga WJ, et al. **Res Vet Sci** 1985 Jan;38(1):1–5

The liver in systemic disease. An innocent bystander. Dillon R. **Vet Clin North Am [Small Anim Pract]** 1985 Jan; 15(1):97–117

Ascites, renal abnormalities, and electrolyte and acid-base disorders associated with liver disease. Grauer GF, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jan; 15(1):197–214

Cholestasis. Meyer DJ, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jan; 15(1):215–27

Weight loss in Samoyeds [letter] Henderson AJ. **Vet Rec** 1985 Feb 9;116(6):167

Parvovirus and reduced fertility: no link [letter] Thompson H, et al. **Vet Rec** 1985 Apr 6;116(14):378

[Glaucoma in dogs and cats. Review and retrospective evaluation of 421 patients. I. Pathobiological background, classification and breed predisposition] Boevé MH, et al. **Tijdschr Diergeneeskd** 1985 Mar 15;110(6):219–27 (Eng. Abstr.) (Dut)

[Clinical electroretinography in veterinary medicine. 2. Progressive retinal atrophy and hemeralopia] Reichenbach A, et al. **Arch Exp Veterinarmed** 1985 Mar;39(2):243–52 (Eng. Abstr.) (Ger)

[Ventilation-perfusion (VA/Q) abnormalities in dogs with dirofilaria infection] Inoue M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jun;22(6):461–7 (Eng. Abstr.) (Jpn)

PREVENTION & CONTROL

Platelet aggregation in dogs after live-virus vaccination. Jones BE. **Acta Vet Scand** 1984;25(4):504–9

Kennel cough and canine adenovirus vaccines in Australia. Studdert VP. **Aust Vet J** 1984 Jun;61(6):198–9

Treatment of cyclophosphamide-induced cystitis [letter] Henness AM. **J Am Vet Med Assoc** 1985 Jul 1;187(1):4–5

Protecting the future guide dog [letter] Lane D. **Vet Rec** 1984 Sep 22;115(12):308

PSYCHOLOGY

Immobility experiments with dogs of the Arkansas Line of Nervous Pointers. Reese WG, et al. **Pavlov J Biol Sci** 1985 Jul–Sep;20(3):132–9

RADIOGRAPHY

Free chondral fragment involving the lateral trochlear ridge of the talus in a dog. Aron DN, et al. **J Am Vet Med Assoc** 1985 May 15;186(10):1095–6

Hypertrophic osteopathy associated with a bronchial foreign body and lobar pneumonia in a dog. Caywood DD, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):698–700

Costal bone changes similar to hypertrophic osteopathy associated with pulmonary and abdominal mesothelioma in a dog. Craig JA, et al. **J Am Vet Med Assoc** 1985 May 15;186(10):1100–1

Unusual nasal foreign body in a dog. Fallon RK, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):710

What is your diagnosis. Pyothorax. Henderson RA, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):1015–6

Techniques to aid in the radiographic diagnosis of heartworm disease. Holmes RA. **J Am Vet Med Assoc** 1985 May 15; 186(10):1063–7

What is your diagnosis? Hypertrophy of the prostate and calcified prostatic cyst. Porter RS, et al. **J Am Vet Med Assoc** 1984 Oct 1;185(7):807–8

What is your diagnosis? Intervertebral disk herniation. Shores A, et al. **J Am Vet Med Assoc** 1984 Sep 1;185(5):563–4

Colic and dyspnea in a dog. Farrow CS. **Mod Vet Pract** 1984 Oct;65(10):795–8

Canine diffuse idiopathic skeletal hyperostosis. Woodard JC, et al. **Vet Pathol** 1985 Jul;22(4):317–26

Ataxia in a dobermann pinscher. Leyland A. **Vet Rec** 1985 Apr 13;116(15):414

[Sprain fracture of the medial epicondyle of humerus in dogs] Brunnberg L, et al. **Berl Munch Tierarztl Wochenschr** 1985 May 1;98(5):146–9 (Eng. Abstr.) (Ger)

[Tomography in veterinary medicine. Possibilities for the application of this x-ray technic demonstrated on the spinal column of a dog] Tellhelm B, et al. **Tierarztl Prax** 1985; 13(2):217–23 (Eng. Abstr.) (Ger)

RADIONUCLIDE IMAGING

Imaging of canine cancers with 18F-2-fluoro-2-deoxy-D-glucose (FDG) suggests further applications for cancer imaging in man. Paul R, et al. **Nucl Med Commun** 1984 Oct;5(10):641–6

RADIOTHERAPY

Treatment of malignant epulis in the dog [letter] Verstraete FJ. **J S Afr Vet Assoc** 1985 Jun;56(2):111–3

[Treatment of malignant epulis in dogs] Odendaal JS, et al. **J S Afr Vet Assoc** 1984 Dec;55(4):209–10 (Eng. Abstr.) (Afr)

SURGERY

Plasma-glucose concentrations in dogs and cats before and after surgery: comparison of healthy animals and animals with sepsis. Hardie EM, et al. **Am J Vet Res** 1985 Aug; 46(8):1700–4

Preliminary study of ethylene oxide sterilization of full-thickness cortical allografts used in segmental femoral fracture repair. Johnson AL, et al. **Am J Vet Res** 1985 May;46(5):1050–6

Hemorrhage from the cosmetic otoplasty of Doberman Pinschers with von Willebrand's disease. Johnson GS, et al. **Am J Vet Res** 1985 Jun;46(6):1335–40

The canine stifle. I. Developmental lesions. Denny HR. **Br Vet J** 1985 Mar–Apr;141(2):109–23 (30 ref.)

Anal and perianal surgery in dogs and cats. Holt P. **In Pract** 1985 May;7(3):82–9

Surgical correction of primary pneumothorax in a dog. Boudrieau RJ, et al. **J Am Vet Med Assoc** 1985 Jan 1; 186(1):75–8

Type I biplanar configuration of external skeletal fixation: application technique in nine dogs and one cat. Egger EL, et al. **J Am Vet Med Assoc** 1985 Aug 1;187(3):262–7

Surgical correction of third eyelid prolapse in dogs. Kaswan RL, et al. **J Am Vet Med Assoc** 1985 Jan 1;186(1):83

Circumcostal gastropexy for preventing recurrence of gastric dilatation-volvulus in the dog: an evaluation of 30 cases. Leib MS, et al. **J Am Vet Med Assoc** 1985 Aug 1; 187(3):245–8

Ventrolateral approach for repair of sacroiliac fracture-dislocation in the dog and cat. Montavon PM, et al. **J Am Vet Med Assoc** 1985 Jun 1;186(11):1198–201

Trochlear recession for correction of luxating patella in the dog. Slocum B, et al. **J Am Vet Med Assoc** 1985 Feb 15; 186(4):365–9

Fibular head transposition for repair of cruciate-deficient stifle in the dog. Smith GK, et al. **J Am Vet Med Assoc** 1985 Aug 15;187(4):375–83

Tracheal surgery in dogs: a review. Elkins AD. **Mod Vet Pract** 1984 Oct;65(10):779–81

Cryotherapy of cutaneous lymphosarcoma in a German shepherd. Giannone JA. **Mod Vet Pract** 1984 Sep; 65(9):725–6

Salivary mucocele in a dog. Mapes EL. **Mod Vet Pract** 1984 Aug;65(8):632–3

Dry eye in the dog and its treatment. Barnett KC, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 4):462–6

Marrow transplant studies in dogs with malignant lymphoma. Appelbaum FR, et al. **Transplantation** 1985 May; 39(5):499–504

Surgery in hematopoietic tumors. Brown NO. **Vet Clin North Am [Small Anim Pract]** 1985 Jul; 15(4):827–34 (39 ref.)

Anesthetic and surgical management of endocrine disorders. Peterson ME, et al. **Vet Clin North Am [Small Anim Pract]** 1984 Jul; 14(4):911–25 (34 ref.)

Entropion in the sharpei [letter] Startup FG. **Vet Rec** 1985 Jan 12;116(2):57

Preliminary study on the use of a silver oxide watch battery (1.5 V) for electrical enhancement of bone healing. Shokry M. **Vet Res Commun** 1985 Jul;9(3):245–50

[Surgical repair of patent ductus arteriosus in the dog] Odendaal JS, et al. **J S Afr Vet Assoc** 1984 Dec;55(4):211–3 (Eng. Abstr.) (Afr)

[Volvulus of the small intestine in the dog] Odendaal JS. **J S Afr Vet Assoc** 1984 Sep;55(3):123–4 (Eng. Abstr.) (Afr)

[A dog with an ectopic testis (letter)] Rijnberk A, et al. **Tijdschr Diergeneeskd** 1984 Oct 1;109(19):770–1 (Dut)

[Errors in the treatment of fractures in small animals and their consequences] Matis U, et al. **Berl Munch Tierarztl Wochenschr** 1985 May 1;98(5):173–80 (Eng. Abstr.) (Ger)

[Surgical technic of ventral cervical fusion in the dog and its results] Frank KG. **Tierarztl Prax** 1984;12(2):255–62 (Ger)

[Proximal femoral fractures in cats and dogs] Matis U, et al. **Tierarztl Prax** 1985;Suppl 1:159–78 (Eng. Abstr.) (Ger)

[Combined injection-inhalation anesthesia for intra-abdominal interventions in the dog in veterinary practice] Weiss EP, et al. **Tierarztl Prax** 1984;12(1):79–83 (Ger)

THERAPY

Effects of plasma treatment with purified protein A and Staphylococcus aureus Cowan I on spontaneous animal neoplasms. Klausner JS, et al. **Cancer Res** 1985 Mar; 45(3):1263–9

Practical fluid therapy for small animals. Waterman A. **In Pract** 1984 Sep;6(5):143–50

Acupuncture for fleabite allergic dermatitis [letter] Craige JE. **J Am Vet Med Assoc** 1985 Jul 15;187(2):127

Hemodialysis of a dog with acute renal failure. DiBartola SP, et al. **J Am Vet Med Assoc** 1985 Jun 15;186(12):1323–6

Nonsurgical removal of a catheter embolus from the heart of a dog. Fox PR, et al. **J Am Vet Med Assoc** 1985 Aug 1;187(3):275–6

Use of blood and blood components for feline and canine patients. Killingsworth CR. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1452–4

Plasmapheresis as adjuvant therapy for autoimmune hemolytic anemia in two dogs. Matus RE, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):691–3

Medical management of canine hyperinsulinism. Nelson RW, et al. **J Am Vet Med Assoc** 1985 Jul 1;187(1):78–82 (24 ref.)

Clinical evaluation of dogs after surgical and nonsurgical management of osteochondritis dissecans of the talus. Smith MM, et al. **J Am Vet Med Assoc** 1985 Jul 1;187(1):31–5

Levamisole as adjuvant to chemotherapy for canine lymphosarcoma. MacEwen EG, et al. **J Biol Response Mod** 1985 Aug;4(4):427–33

Evaluation of effects of levamisole and surgery on canine mammary cancer. MacEwen EG, et al. **J Biol Response Mod** 1985 Aug;4(4):418–26

Irradiation-hyperthermia in canine hemangiopericytomas: large-animal model for therapeutic response. Richardson RC, et al. **JNCI** 1984 Nov;73(5):1187–94

Evaluation of five popular methods for tick removal. Needham GR. **Pediatrics** 1985 Jun;75(6):997–1002

Tumors of the canine nasal cavity. Beck ER, et al. **Vet Clin North Am [Small Anim Pract]** 1985 May; 15(3):521–33 (22 ref.)

Current concepts on the control of diabetes mellitus. Chastain CB, et al. **Vet Clin North Am [Small Anim Pract]** 1984 Jul;14(4):859–72 (42 ref.)

Current experimental therapy. Cotter SM. **Vet Clin North Am [Small Anim Pract]** 1985 Jul; 15(4):845–58 (39 ref.)

Canine mammary gland tumors. Ferguson HR. **Vet Clin North Am [Small Anim Pract]** 1985 May; 15(3):501–11 (35 ref.)

Immunomodulation of hematopoietic tumors. Jeglum KA. **Vet Clin North Am [Small Anim Pract]** 1985 Jul; 15(4):817–26 (33 ref.)

Approaches to cancer therapy using biological response modifiers. MacEwen EG. **Vet Clin North Am [Small Anim Pract]** 1985 May; 15(3):667-88 (152 ref.)

Respiratory tract tumors. Stann SE, et al. **Vet Clin North Am [Small Anim Pract]** 1985 May; 15(3):535-56 (56 ref.)

Use of radiation and/or hyperthermia for treatment of mast cell tumors and lymphosarcoma in dogs. Thrall DE, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jul; 15(4):835-43 (26 ref.)

Venous administration of hypertonic fluids [letter] Frost P, et al. **Vet Rec** 1985 Jun 29;116(26):698

Treatment of an hepatic encephalopathic crisis in a dog. Skerritt GC, et al. **Vet Rec** 1985 May 18;116(20):548

[A new treatment possibility for dogs with chronic or recurrent pyoderma] van den Bogaard AE Jr, et al. **Tijdschr Diergeneeskd** 1984 Dec 1;109(23):978-86 (Eng. Abstr.) (Dut)

[Hepatic encephalopathic syndrome in the dog and its treatment] Fiebiger I, et al. **Berl Munch Tierarztl Wochenschr** 1985 May 1;98(5):155-60 (Eng. Abstr.) (Ger)

[Fluid therapy in the dog and the cat] Parrisius R, et al. **Tierarztl Prax** 1985;13(1):81-103 (34 ref.) (Eng. Abstr.) (Ger)

TRANSMISSION

The canine transmissible venereal tumor: a unique result of tumor progression. Cohen D. **Adv Cancer Res** 1985; 43:75-112 (198 ref.)

Susceptibility and reservoir potential of the dog to spotted fever-group rickettsiae. Norment BR, et al. **Am J Vet Res** 1984 Sep;45(9):1706-10

The deleterious effects of dogs on human health: 2. Canine zoonoses. Baxter DN, et al. **Community Med** 1984 Aug; 6(3):185-97 (73 ref.)

Prenatal and lactational transmission of Toxocara canis and Ancylostoma caninum: experimental infection of the bitch before pregnancy. Burke TM, et al. **Int J Parasitol** 1985 Feb;15(1):71-5

Visceral larva migrans: a risk assessment in Baton Rouge, Louisiana. Smith RE, et al. **Int J Zoonoses** 1984 Dec; 11(2):189-94

Be alert for Babesia gibsoni infections [letter] Jackson RK, et al. **J Am Vet Med Assoc** 1985 Apr 15;186(8):762

Human infections derived from dogs. Roth RM, et al. **Postgrad Med** 1985 Mar;77(4):169-73, 176-8, 180

Sarcocystis infection in pigs of Hissar, Haryana, India and its transmission to dogs. Gupta SL, et al. **Vet Parasitol** 1984 Oct;16(1-2):1-3

Infectivity of Ancylostoma caninum in dogs by different routes of inoculation. Mittra S, et al. **Vet Parasitol** 1984 Nov;16(3-4):289-93

Experimental transmission of the Texas strain of Hepatozoon canis. Nordgren RM, et al. **Vet Parasitol** 1984 Nov; 16(3-4):207-14

Establishment of the tropical dog tick, Rhipicephalus sanguineus, in a house in London. Fox MT, et al. **Vet Rec** 1985 Jun 22;116(25):661-2

A new transmissible agent causing acute hepatitis, chronic hepatitis and cirrhosis in dogs. Jarrett WF, et al. **Vet Rec** 1985 Jun 15;116(24):629-35

[Wild (feral) dogs as an important epidemiological factor] Saiz Moreno L. **Rev Sanid Hig Publica (Madr)** 1984 May-Jun;58(5-6):535-42 (Eng. Abstr.) (Spa)

URINE

Qualitative and quantitative analysis of uroliths in dogs: definitive determination of chemical type. Bovee KC, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):983-7

DOGFISH see under **SHARKS**

DOGS

Dog bites in children: epidemiology, microbiology, and penicillin prophylactic therapy. Boenning DA, et al. **Am J Emerg Med** 1983 Jul;1(1):17-21

Dog bites: the controversy continues [editorial] Brown CG, et al. **Am J Emerg Med** 1985 Jan;3(1):83-4

Dog bites in children [letter] Kelen GD, et al. **Am J Emerg Med** 1984 Jan;2(1):111-2

The use of antibiotics in the initial management of recent dog-bite wounds. Rosen RA. **Am J Emerg Med** 1985 Jan; 3(1):19-23

Cutaneous infection at dog bite wounds associated with fulminant DF-2 septicemia. Kalb R, et al. **Am J Med** 1985 Apr;78(4):687-90

Reversal of thiopental-induced anesthesia by 4-aminopyridine, yohimbine, and doxapram in dogs pretreated with xylazine or acepromazine. Hatch RC, et al. **Am J Vet Res** 1985 Jul;46(7):1473-8

Technique for percutaneous pulmonary arterial catheterization in conscious dogs. Henderson RA, et al. **Am J Vet Res** 1985 Jul;46(7):1538-9

Xylazine-pentobarbital anesthesia in dogs and its antagonism by yohimbine. Hsu WH. **Am J Vet Res** 1985 Apr; 46(4):852-5

Effects of atropine on xylazine-pentobarbital anesthesia in dogs: preliminary study. Hsu WH. **Am J Vet Res** 1985 Apr; 46(4):856-8

The deleterious effects of dogs on human health: 3. Miscellaneous problems and a control programme. Baxter DN. **Community Med** 1984 Aug;6(3):198-203

Companion animal behavior: a review of dog and cat behavior in the field, the laboratory and the clinic. Houpt KA. **Cornell Vet** 1985 Jan;75(1):248-61 (63 ref.)

Nutrition and feeding of dogs and cats. Past, present and future. Kallfelz FA. **Cornell Vet** 1985 Jan;75(1):221-9 (22 ref.)

The dog that bit the hand that led it. Latham R. **Hosp Pract [Off]** 1985 Jan 30;20(1A):62

Inoculation leprosy subsequent to dog bite. A case report. Gupta CM, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):919-20

Study of dog bite in children. Parthasarathy A, et al. **Indian Pediatr** 1984 Jul;21(7):549-54

Selecting pet dogs on the basis of cluster analysis of breed behavior profiles and gender. Hart BL, et al. **J Am Vet Med Assoc** 1985 Jun 1;186(11):1181-5

Pet ownership by life group. Wise JK, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):687-90

Leads from the MMWR. Human rabies acquired outside the United States. **JAMA** 1985 May 24-31;253(20):2953-4

Dogs bites [letter] Booker L. **JAMA** 1985 Mar 1;253(9):1263

Human rabies acquired outside the United States. **MMWR** 1985 May 3;34(17):235-6

Holy dogs and the laboratory: some Canadian experiences with animal research. Russell JC, et al. **Perspect Biol Med** 1985 Spring;28(3):374-81

A clinical trial using co-trimoxazole in an attempt to reduce wound infection rates in dog bite wounds. Jones DA, et al. **Postgrad Med J** 1985 Jul;61(717):593-4

Unreported dog bites in children. Beck AM, et al. **Public Health Rep** 1985 May-Jun;100(3):315-21

Severe attacks by dogs: characteristics of the dogs, the victims, and the attack settings. Wright JC. **Public Health Rep** 1985 Jan-Feb;100(1):55-61

Neuromuscular blocking action of vecuronium in the dog and its reversal by neostigmine. Jones RS. **Res Vet Sci** 1985 Mar;38(2):193-6

Anti-rabies treatment of dog-bite victims in Lagos, Nigeria: trial of suckling mouse brain and fetal bovine kidney cell rabies vaccines. Harry TO, et al. **Vaccine** 1984 Dec; 2(4):257-60

Human-companion animal relationships and animal behavior problems. Marder AR, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Mar; 15(2):411-21

Dog destruction in Northern Ireland [letter] Hart NJ. **Vet Rec** 1985 Jun 22;116(25):675

[Dog bites. Material from a casualty department] Nicolaisen T, et al. **Ugeskr Laeger** 1984 Jul 30;146(31):2298-301 (Eng. Abstr.) (Dan)

[Frequency and severity of dog bites (letter)] Gervais CF, et al. **Presse Med** 1985 Mar 30;14(13):745-6 (Fre)

[Clinical aspects of anesthesia with etomidate-fentanyl in the dog] Glardon O, et al. **Berl Munch Tierarztl Wochenschr** 1984 Nov 1;97(11):412-5 (Eng. Abstr.) (Ger)

[Isolation of germs of a provisional EF-4 group from a dog-bite wound] Katz A. **Immun Infekt** 1985 May; 13(3):124-5 (Eng. Abstr.) (Ger)

ANATOMY & HISTOLOGY

The pineal body of the dog. Ellsworth AF, et al. **Acta Anat (Basel)** 1985;122(4):197-200

The muscle layer of the canine gallbladder and cystic duct. MacPherson BR, et al. **Acta Anat (Basel)** 1984; 120(3):117-22

Fluorescein angiography of the canine ocular fundus in ketamine-xylazine anesthesia. Kommonen B, et al. **Acta Vet Scand** 1984;25(3):346-51

Cutaneous innervation of the thorax and abdomen of the dog. Bailey CS, et al. **Am J Vet Res** 1984 Sep;45(9):1689-98

Anatomic predisposition to perianal fistulae formation in the German shepherd dog. Budsberg SC, et al. **Am J Vet Res** 1985 Jul;46(7):1468-72

Tympanographic volume measurements of the canine ear. Forsythe WB. **Am J Vet Res** 1985 Jun;46(6):1351-3

Laboratory evaluation of aqueous humor in the healthy dog, cat, horse, and cow. Hazel SJ, et al. **Am J Vet Res** 1985 Mar;46(3):657-9

Effects of urinary bladder distension on the length of the dog and cat urethra. Johnston GR, et al. **Am J Vet Res** 1985 Feb;46(2):509-12

Effects of intravesical hydrostatic pressure and volume on the distensibility of the canine prostatic portion of the urethra. Johnston GR, et al. **Am J Vet Res** 1985 Mar; 46(3):748-51

Lipids of normal and osteochondritic cartilage of the immature canine humeral head. Kincaid SA, et al. **Am J Vet Res** 1985 May;46(5):1060-5

Normal values of the canine M-mode echocardiogram. Lombard CW. **Am J Vet Res** 1984 Oct;45(10):2015-8

Comparative aging changes in canine uterine tubes (oviducts): electron microscopy. Myers RK, et al. **Am J Vet Res** 1984 Oct;45(10):2008-14

Scanning electron microscopy of the canine atrioventricular bundle and moderator band. Sandusky GE Jr, et al. **Am J Vet Res** 1985 Jan;46(1):249-52

Radiologic and anatomic observations of plantar sesamoid bones at the tarsometatarsal articulations of greyhounds. Wood AK, et al. **Am J Vet Res** 1984 Oct;45(10):2158-61

Fibre types of M. pectineus of the dog (Canis familiaris). Guazzelli Filho J, et al. **Anat Anz** 1985;158(4):359-62

An analysis of the distribution of the myelinated nerve fibers in the optic fascicle of a beagle dog. Krinke A, et al. **Experientia** 1985 Apr 15;41(4):464-5

Anatomy of the vomeronasal organ in the dog. Salazar I, et al. **Folia Morphol (Praha)** 1984;32(4):331-41

Scanning electron microscope study of cat and dog enamel structure. Skobe Z, et al. **J Morphol** 1985 May; 184(2):195-203

A comparative study of the tapetum, retina and skull of the ferret, dog and cat. Wen GY, et al. **Lab Anim Sci** 1985 Jun;35(3):200-10

Anatomic studies of the circulation in the region of the vertebral end-plate in adult Greyhound dogs. Crock HV, et al. **Spine** 1984 Oct;9(7):702-6

Brain morphometry applied to the knowledge of the nervous system of vertebrates. I. Study on the hound dog brain. Moral JR, et al. **Trab Inst Cajal Invest Biol** 1982; 73(1-2):69-77

Canine dendritic cells from peripheral blood and lymph nodes. Goodell EM, et al. **Vet Immunol Immunopathol** 1985 Apr;8(4):301-10

[Microradiographic serial studies of ribs in adult dogs] Dämmrich K, et al. **Berl Munch Tierarztl Wochenschr** 1985 May 1;98(5):149-54 (Eng. Abstr.) (Ger)

[Roentgen anatomy of canine arteries] Rehák J, et al. **Radiol Diagn (Berl)** 1984;25(6):671-5 (Eng. Abstr.) (Ger)

[Origin, course and distribution of the lumbar arteries in the dog] Heiniger-Meylan M. **Schweiz Arch Tierheilkd** 1985 May;127(5):299-318 (Eng. Abstr.) (Ger)

[The laminar structures and axon terminals of retinal fibers of the dorsal lateral geniculate nucleus of the dog: a study by a horseradish peroxidase method] Morimoto M, et al. **Fukuoka Igaku Zasshi** 1984 Nov;75(11):633-44 (Eng. Abstr.) (Jpn)

[Anatomic characteristics of the knee joint in dogs] Vukadinović S, et al. **Med Pregl** 1984;37(5-6):209-14 (Eng. Abstr.) (Ser)

[Alpha-adrenergic innervation in the canine ureter] Castilla C, et al. **Actas Urol Esp** 1985 May-Jun;9(3):269-72 (Eng. Abstr.) (Spa)

[Histochemical and morphometric studies of the cranial tibial muscle in dogs of different dynamic aptitudes (greyhound, German shepherd and fox terrier)] Rodríguez-Barbudo P, et al. **Anat Histol Embryol** 1984 Dec;13(4):300-12 (Eng. Abstr.) (Spa)

[Brain stereotaxis in the greyhound. II. Macroscopic organization] Salazar I, et al. **Trab Inst Cajal Invest Biol** 1982;73(1-2):125-44 (Eng. Abstr.) (Spa)

BLOOD

Radioimmunoassay of conjugated bile acids in canine and feline sera. Bunch SE, et al. **Am J Vet Res** 1984 Oct; 45(10):2051-4

Direct spectrometric determination of serum bile acids in the dog and cat. Center SA, et al. **Am J Vet Res** 1984 Oct;45(10):2043-50

Serum immunoreactive gastrin concentrations in the dog: basal and postprandial values measured by radioimmunoassay. Gabbert NH, et al. **Am J Vet Res** 1984 Nov;45(11):2351-3

Effect of sodium heparin and antithrombin III concentration on activated partial thromboplastin time in the dog. Hellebrekers LJ, et al. **Am J Vet Res** 1985 Jul;46(7):1460-2

Identification of canine lymphocyte subpopulations by immunofluorescence assay. Koyama H, et al. **Am J Vet Res** 1984 Nov;45(11):2354-8

Neutrophil function in the dog: shape change and response to a synthetic tripeptide. Stickle JE, et al. **Am J Vet Res** 1985 Jan;46(1):225-8

Abnormal canine triiodothyronine-binding factor characterized as a possible triiodothyronine autoantibody. Young DW, et al. **Am J Vet Res** 1985 Jun;46(6):1346-50

Canine testosterone concentrations in samples stored at room temperature. Frankland AL. **Br Vet J** 1985 May-Jun; 141(3):308-11

Variance estimates and individuality ratios of 25 serum constituents in beagles. Leissing N, et al. **Clin Chem** 1985 Jan;31(1):83-6

Isolation and characterization of C-reactive protein from the dog. Caspi D, et al. **Immunology** 1984 Oct;53(2):307-13

Further studies on the red cell glycolipids of various breeds of dogs. A possible assumption about the origin of Japanese dogs. Hashimoto Y, et al. **J Biochem (Tokyo)** 1984 Dec; 96(6):1777-82

Motilin and migrating myoelectric complexes in the pig and the dog. Borody TJ, et al. **Q J Exp Physiol** 1984 Oct; 69(4):875-90

Red cell population distributions in healthy dogs. Bell GM, et al. **Res Vet Sci** 1985 Mar;38(2):220-5

Chemotactic attraction of infective hookworm larvae of Ancylostoma caninum by a dog serum factor. Vetter JC, et al. **Z Parasitenkd** 1985;71(4):539-43

[Determination of reference values for beagles] Sedlmayer P, et al. **Cesk Farm** 1984 Sep;33(7):283-6 (Eng. Abstr.) (Cze)

[Dynamics of the white blood cell picture during prolonged stress of training in the dog] Konrád J, et al. **Vet Med (Praha)** 1984 Dec;29(12):729-37 (Eng. Abstr.) (Cze)

[The effects of the stress of long-term physical and psychological training on the red blood cell picture in dogs] Konrád J, et al. **Vet Med (Praha)** 1984 Nov;29(11):659-68 (Eng. Abstr.) (Cze)

[Insight into the physiologic fluctuations of marker values in comparison to average values of selected groups exemplified by the hematologic study of a group of dogs] Niepage H. **Berl Munch Tierarztl Wochenschr** 1984 Sep 1;97(9):321-4 (Eng. Abstr.) (Ger)

CEREBROSPINAL FLUID

Comparison of total white blood cell count and total protein content of lumbar and cisternal cerebrospinal fluid of healthy dogs. Bailey CS, et al. **Am J Vet Res** 1985 May;46(5):1162-5

Transient leakage across the blood-cerebrospinal fluid barrier after intrathecal metrizamide administration to dogs. Johnson GC, et al. **Am J Vet Res** 1985 Jun;46(6):1303-8

CYTOLOGY

Morphological varintions in keratinising epithelia in the beagle. Lansdown AB. **Vet Rec** 1985 Feb 2;116(5):127-30

GENETICS

Genetic variation of an esterase system in sera of dogs. Braend M. **Acta Vet Scand** 1984;25(4):526-35

A multivariate analysis of the genetics of fearfulness in potential guide dogs. Goddard ME, et al. **Behav Genet** 1985 Jan;15(1):69-89

C4 polymorphism in the dog: molecular heterogeneity of the C4 alpha and C4 gamma subunit chains. O'Neill GJ, et al. **Immunogenetics** 1984;20(6):649-54

Behavioral profiles of dog breeds. Hart BL, et al. **J Am Vet Med Assoc** 1985 Jun 1;186(11):1175-80

Chinese crested dog. Robinson R. **J Hered** 1985 May-Jun;76(3):217-8

Inheritance of the harlequin color in Great Dane dogs. Sponenberg DP. **J Hered** 1985 May-Jun;76(3):224-5

Inheritance of tweed, a modification of merle, in Australian shepherd dogs. Sponenberg DP, et al. **J Hered** 1985 Jul-Aug;76(4):303-4

Canine cryptorchism and subsequent testicular neoplasia: case-control study with epidemiologic update. Hayes HM Jr, et al. **Teratology** 1985 Aug;32(1):51-6

[Shoulder joint dysplasia in the dachshund. 2. Results of pathoanatomical and pathohistological study; conclusions for breed standards and breeding] Köppel E, et al. **Zentralbl Veterinarmed** [A] 1985 Mar;32(3):214-25 (Eng. Abstr.) (Ger)

GROWTH & DEVELOPMENT

Patterns of K/N ratios with growth of guinea pig, beagle, and pig. Sheng HP, et al. **Growth** 1985 Spring;49(1):141-53

Postnatal development of bile secretory physiology in the dog. Tavoloni N, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):256-67

IMMUNOLOGY

Rapid enzyme-linked immunosorbent assay for detecting antibodies to canine parvovirus. Fiscus SA, et al. **Am J Vet Res** 1985 Apr;46(4):859-63

Effects of canine distemper virus on natural killer cell activity in dogs. Ringler SS, et al. **Am J Vet Res** 1985 Aug;46(8):1781-6

Cross-allergenicity between extracts of hair from different dog breeds and cat fur. Wüthrich B, et al. **Clin Allergy** 1985 Mar;15(2):87-93

Selective IgA deficiency in the dog. Felsburg PJ, et al. **Clin Immunol Immunopathol** 1985 Sep;36(3):297-305

Immunogenetic aspects of a canine breeding colony. Ladiges WC, et al. **Lab Anim Sci** 1985 Feb;35(1):58-62

Relative deficiency of serum IgA in the german shepherd dog: a breed abnormality. Whitbread TJ, et al. **Res Vet Sci** 1984 Nov;37(3):350-2

Cell-mediated cytotoxicity toward class I and class II antigens on canine T and B lymphoblasts. Buurman WA, et al. **Tissue Antigens** 1984 Jul;24(1):48-57

Class II antigens on canine T lymphocytes. Doveren RF, et al. **Tissue Antigens** 1985 May;25(5):255-65

Recognition of target cell determinants associated with DLA-D-locus-encoded antigens by canine cytotoxic lymphocytes. Raff RF, et al. **Transplantation** 1985 Sep;40(3):323-8

DLA-D-specific suppressor cells characterized by monoclonal antibodies. Szer J, et al. **Transplantation** 1985 Feb;39(2):187-92

The canine lymphocyte: effect of streptolysin O on the proliferative response of canine lymphocytes. Bloch EF, et al. **Vet Immunol Immunopathol** 1985 Jan;8(1-2):125-35

Cell-mediated immune response to rabies virus in dogs following vaccination and challenge. Gerber JD, et al. **Vet Immunol Immunopathol** 1985 May;9(1):13-22

Purification of the third component of canine complement. Johnson JP, et al. **Vet Immunol Immunopathol** 1985 Apr;8(4):377-89

Cell surface markers of the canine natural killer (NK) cell. Ringler SS, et al. **Vet Immunol Immunopathol** 1985 May;9(1):1-11

Parvovirus vaccination [letter] Tribe GW, et al. **Vet Rec** 1984 Sep 15;115(11):284

Parvovirus vaccination [letter] Whur P. **Vet Rec** 1985 Jul 6;117(1):22

An IgM- and IgG-specific enzyme-linked immunosorbent assay (ELISA) to detect anti-leptospiral immunoglobulins in dogs. Hartman EG. **Zentralbl Bakteriol Mikrobiol Hyg** [A] 1984 Sep;257(4):508-10

METABOLISM

Renal alpha-adrenoceptors and sodium excretion in the dog. Fildes RD, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F128-33

Influence of Escherichia coli endotoxin-induced fever on pharmacokinetics of imidocarb in dogs and goats. Abdullah AS, et al. **Am J Vet Res** 1984 Dec;45(12):2645-8

Clinical pharmacokinetics of amikacin in dogs. Baggot JD, et al. **Am J Vet Res** 1985 Aug;46(8):1793-6

Morphologic studies of uveoscleral outflow in normotensive and glaucomatous beagles with fluorescein-labeled dextran. Barrie KP, et al. **Am J Vet Res** 1985 Jan;46(1):89-97

Quantitation of uveoscleral outflow in normotensive and glaucomatous Beagles by 3H-labeled dextran. Barrie KP, et al. **Am J Vet Res** 1985 Jan;46(1):84-8

Rapid screening and confirmation for drugs and metabolites in racing animals by tandem mass spectrometry. Brotherton HO, et al. **Am J Vet Res** 1984 Nov;45(11):2436-40

Pharmacokinetics of prednisolone sodium succinate and its metabolites in normovolemic and hypovolemic dogs. Hankes GH, et al. **Am J Vet Res** 1985 Feb;46(2):476-8

Pharmacokinetics of flunixin meglumine in dogs. Hardie EM, et al. **Am J Vet Res** 1985 Jan;46(1):235-7

Cytoplasmic estrogen and progesterone receptors in canine endometrium during the estrous cycle. Johnston SD, et al. **Am J Vet Res** 1985 Aug;46(8):1653-8

Serum amylase and isoamylases and their origins in healthy dogs and dogs with experimentally induced acute pancreatitis. Murtaugh RJ, et al. **Am J Vet Res** 1985 Mar;46(3):742-7

Effect of ophthalmic prednisolone acetate on the canine adrenal gland and hepatic function. Roberts SM, et al. **Am J Vet Res** 1984 Sep;45(9):1711-4

Comparative pharmacokinetics and anesthetic effects of methohexital, pentobarbital, thiamylal, and thiopental in Greyhound dogs and non-Greyhound, mixed-breed dogs. Sams RA, et al. **Am J Vet Res** 1985 Aug;46(8):1677-83

Electrophoretic comparison of myosins from masticatory muscles and selected limb muscles in the dog. Shelton GD, et al. **Am J Vet Res** 1985 Feb;46(2):493-8

Pharmacokinetics of ticarcillin in the dog. Tilmant L, et al. **Am J Vet Res** 1985 Feb;46(2):479-81

Comments on isoamylases [letter] Williams DA. **Am J Vet Res** 1985 Jul;46(7):1598-9

Compartmental and noncompartmental pharmacokinetic analyses of minocycline hydrochloride in the dog. Wilson RC, et al. **Am J Vet Res** 1985 Jun;46(6):1316-8

The proteoglycans of the canine intervertebral disc. Cole TC, et al. **Biochim Biophys Acta** 1985 Apr 17;839(2):127-38

Hypoxic ventilatory drive in the dog under Althesin anaesthesia [letter] **Br J Anaesth** 1985 Mar;57(3):356-7

Lipogenic hepatic enzyme activity of raccoon dogs (Nyctereutes procyonoides) fed various diets. Korhonen H, et al. **Comp Biochem Physiol** [B] 1985;80(1):41-3

Defect of uric acid uptake in Dalmatian dog liver. Giesecke D, et al. **Experientia** 1984 Dec 15;40(12):1415-6

Plutonium-237 and 239Pu retention in a St. Bernard. Lloyd RD, et al. **Health Phys** 1984 Oct;47(4):629-31

Effect of premedication with acetylpromazine on the disposition kinetics of thiopental. Baggot JD, et al. **J Vet Pharmacol Ther** 1984 Sep;7(3):197-202

Absorption kinetics and bioavailability of phenobarbital after oral administration to dogs. Al-Tahan F, et al. **J Vet Pharmacol Ther** 1985 Jun;8(2):205-7

Effectiveness of aprotinin in blocking a hypotensive factor of pancreatic origin from the pig, dog and monkey. Traverso LW. **Resuscitation** 1985 Mar;12(4):271-7

Drugs and the liver. Papich MG, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jan;15(1):77-95

Histochemical demonstration of copper and copper-associated protein in the canine liver. Thornburg LP, et al. **Vet Pathol** 1985 Jul;22(4):327-32

Carpipramine metabolism in the rat, rabbit and dog and in man after oral administration. Bieder A, et al. **Xenobiotica** 1985 May;15(5):421-35

MICROBIOLOGY

Isolation of thermophilic Campylobacters from Norwegian dogs and cats. Gondrosen B, et al. **Acta Vet Scand** 1985;26(1):81-90

Epidemiology of Rocky Mountain spotted fever in Ohio, 1981: serologic evaluation of canines and rickettsial isolation from ticks associated with human case exposure sites. Gordon JC, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):1026-31

Comparison of coagulase test methods for identification of Staphylococcus intermedius from dogs. Cox HU, et al. **Am J Vet Res** 1985 Jul;46(7):1522-5

Detection of beta-lactamase produced by Staphylococcus intermedius. Hoskins JD, et al. **Am J Vet Res** 1985 Jul;46(7):1526-8

Characterization of a new calicivirus isolated from feces of a dog. Schaffer FL, et al. **Arch Virol** 1985;84(3-4):181-95

Should the criteria for species distinction in adenoviruses be reconsidered? Evidence from canine adenoviruses 1 and 2. Whetstone CA. **Intervirology** 1985;23(2):116-20

Patterns of antibodies to staphylococcal DNases in dog sera. Ness E. **J Clin Microbiol** 1984 Oct;20(4):806-7

The normal fungal flora of dogs. A preliminary report. Philpot CM, et al. **Mycopathologia** 1984 Sep 30;87(3):155-7

Enterotoxigenicity of Staphylococcus intermedius strains isolated from dogs. Fukuda S, et al. **Zentralbl Bakteriol Mikrobiol Hyg** [A] 1984 Dec;258(2-3):360-7

[First isolation of Brucella canis in China] Shang DQ. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Dec;5(6):345-8 (Eng. Abstr.) (Chi)

[Plasmid-mediated pathogenicity factors of Yersinia enterocolitica from the epidemiological viewpoint] Hammerschmidt W, et al. **Zentralbl Bakteriol Mikrobiol Hyg** [A] 1984 Aug;257(3):323-42 (Eng. Abstr.) (Ger)

[Campylobacter jejuni, Yersinia enterocolitica and Listeria monocytogenes in dogs from municipal kennels in Rome] De Carolis A, et al. **Nuovi Ann Ig Microbiol** 1984 May-Jun;35(3):189-99 (Eng. Abstr.) (Ita)

PARASITOLOGY

Prevalence of Dirofilaria immitis and Dipetalonema reconditum in greyhounds. Martin TE, et al. **Aust Vet J** 1985 May;62(5):159-63

Field method for evaluating the effectiveness of acaricides against lone star ticks (Acari: Ixodidae) on domestic dogs. Koch HG, et al. **J Econ Entomol** 1985 Feb;78(1):287-9

Activation in vitro of some biological systems by extracts of adult worms and microfilariae of Dirofilaria immitis. Boreham PF. **J Helminthol** 1984 Sep;58(3):207-12

[Results of parasitological fecal studies of horses, dogs, cats and hedgehogs from 1974 to 1983] Bauer C, et al. **DTW** 1984 Jul 24;91(7-8):255-8 (Eng. Abstr.) (Ger)

PHYSIOLOGY

Cell proliferation in the principal target organs of the dog (beagle) ovary during various periods of the estrous cycle. Spanel-Borowski K, et al. **Acta Anat (Basel)** 1984;120(4):207-13

Evaluating the accuracy of canine pregnancy diagnosis and litter size using real-time ultrasound. Bondestam S, et al. **Acta Vet Scand** 1984;25(3):327-32

Baroreceptor reflex cardiovascular control in mongrel dogs and racing greyhounds. Cox RH, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):H655-62

How laboratory dogs accommodate meals of different size but similar composition. Nomura M, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E101-7

Cystometry in dogs under oxymorphone and acepromazine restraint. Barsanti JA, et al. **Am J Vet Res** 1984 Oct;45(10):2152-3

Brain stem auditory-evoked responses in the dog. Bodenhamer RD, et al. **Am J Vet Res** 1985 Aug;46(8):1787-92

Effects of long-term primidone and phenytoin administration on canine hepatic function and morphology. Bunch SE, et al. **Am J Vet Res** 1985 Jan;46(1):105-15

Correction of organophosphate-induced neuromuscular blockade by diphenhydramine. Clemmons RM, et al. **Am J Vet Res** 1984 Oct;45(10):2167-9

Ultrasonographic diagnosis of pregnancy in the dog [letter] Conley AJ. **Am J Vet Res** 1984 Sep;45(9):1889

Thyrotropin-releasing hormone stimulation testing in healthy dogs. Evinger JV, et al. **Am J Vet Res** 1985 Jun;46(6):1323-5

Single-injection method for evaluation of renal function with 14C-inulin and 3H-tetraethylammonium bromide in dogs and cats. Fettman MJ, et al. **Am J Vet Res** 1985 Feb;46(2):482-5

Antagonism of xylazine sedation with yohimbine, 4-aminopyridine, and doxapram in dogs. Hatch RC, et al. **Am J Vet Res** 1985 Feb;46(2):371-5

Brain stem auditory-evoked potentials of dogs: wave forms and effects of recording electrode positions. Holliday TA, et al. **Am J Vet Res** 1985 Apr;46(4):845-51

Effects of fentanyl citrate and droperidol on electroencephalographic findings in dogs. Katherman AE, et al. **Am J Vet Res** 1985 Apr;46(4):974-6

Serum concentrations of thyroxine, 3,5,3'-triiodothyronine, thyrotropin, and prolactin in dogs before and after thyrotropin-releasing hormone administration. Kaufman J, et al. **Am J Vet Res** 1985 Feb;46(2):486-92

The pentobarbital anesthetized dog: an animal model for assessing chemically induced changes in renal function and ultrastructure. Koechel DA, et al. **Am J Vet Res** 1984 Dec;45(12):2565-73

Canine and feline thyroid function assessment with the thyrotropin-releasing hormone response test. Lothrop CD Jr, et al. **Am J Vet Res** 1984 Nov;45(11):2310-3

Brain stem auditory-evoked response of the nonanesthetized dog. Marshall AE. **Am J Vet Res** 1985 Apr;46(4):966-73

Contractile responses to histamine of isolated pulmonary artery strips from healthy and heartworm-infected dogs. O'Malley NA, et al. **Am J Vet Res** 1985 Jul;46(7):1463-7

Kinetics of phagocytosis in the normal canine iridocorneal angle. Samuelson DA, et al. **Am J Vet Res** 1984 Nov;45(11):2359-66

Aqueous outflow in the beagle: unconventional outflow, using different-sized microspheres. Samuelson DA, et al. **Am J Vet Res** 1985 Jan;46(1):242-8

Auditory-evoked response in the clinically normal dog: early latency components. Sims MH, et al. **Am J Vet Res** 1984 Oct;45(10):2019-27

Auditory-evoked response in the clinically normal dog: middle latency components. Sims MH, et al. **Am J Vet Res** 1984 Oct;45(10):2028-33

Circulatory and respiratory effects of methoxyflurane in dogs: comparison of halothane. Steffey EP, et al. **Am J Vet Res** 1984 Dec;45(12):2574-9

Linear regression to determine the relationship between F-wave latency and limb length in control dogs. Steiss JE. **Am J Vet Res** 1984 Dec;45(12):2649-50

Effects of atropine, acepromazine, meperidine, and xylazine on gastroesophageal sphincter pressure in the dog. Strombeck DR, et al. **Am J Vet Res** 1985 Apr;46(4):963-5

Effect of gastrin, histamine, serotonin, and adrenergic amines on gastroesophageal sphincter pressure in the dog. Strombeck DR, et al. **Am J Vet Res** 1985 Aug; 46(8):1684-90

Sensory action potentials in the ulnar and radial nerves of dogs: effect of stimulation site and voltage. van Nes JJ. **Am J Vet Res** 1985 May;46(5):1155-61

Electrophysiologic studies of the facial reflexes of the dog. Whalen LR. **Am J Vet Res** 1985 Jan;46(1):229-34

Vascularization of cancellous chip bone grafts. Wilson JW, et al. **Am J Vet Res** 1985 Aug;46(8):1691-9

Radiotelemetric determination of gastrointestinal pH in four healthy beagles. Youngberg CA, et al. **Am J Vet Res** 1985 Jul;46(7):1516-21

Accuracy of thermodilution measurement of cardiac output in low flows applicable to feline and small canine patients. Dyson DH, et al. **Can J Comp Med** 1984 Oct;48(4):425-7

Cardiovascular effects of haemorrhagic shock in spleen intact and in splenectomized dogs. Horton JW, et al. **Clin Physiol** 1984 Dec;4(6):533-48

Responsiveness of the olfactory receptor cells in dog to some odors. Tonosaki K, et al. **Comp Biochem Physiol [A]** 1985; 81(1):7-13

Nutrition and metabolism of the geriatric dog. Sheffy BE, et al. **Cornell Vet** 1985 Apr;75(2):324-47

Absence of biological effects of oxidized parathyroid hormone-(1-34) in dogs and rats. Galceran T, et al. **Endocrinology** 1984 Dec;115(6):2375-8

Septic shock in colony bred puppies versus random source puppies. Coran AG, et al. **Int Surg** 1984 Apr-Jun; 69(2):107-12

Behavioral indications for phenothiazine and benzodiazepine tranquilizers in dogs. Hart BL. **J Am Vet Med Assoc** 1985 Jun 1;186(11):1192-4

Effect of xylazine on heart rate and arterial blood pressure in conscious dogs, as influenced by atropine, 4-aminopyridine, doxapram, and yohimbine. Hsu WH, et al. **J Am Vet Med Assoc** 1985 Jan 15;186(2):153-6

Xylazine-induced prolongation of gastrointestinal transit in dogs: reversal by yohimbine and potentiation by doxapram. McNeel SV, et al. **J Am Vet Med Assoc** 1984 Oct 15; 185(8):878-81

Effect of body orientation on regional lung expansion in dog and sloth. Hoffman EA, et al. **J Appl Physiol** 1985 Aug; 59(2):481-91

Pulmonary fibrin microembolism with Echis carinatus venom in dogs: effects of a synthetic thrombin inhibitor. Schaeffer RC Jr, et al. **J Appl Physiol** 1984 Dec;57(6):1824-8

A comparison of hip joint forces in sheep, dog and man. Bergmann G, et al. **J Biomech** 1984;17(12):907-21

Flexor tendon repair in vitro: a comparative histologic study of the rabbit, chicken, dog, and monkey. Gelberman RH, et al. **J Orthop Res** 1984;2(1):39-48

Age-related changes in bone in the dog: fluid spaces and their potassium content. Pinto MR, et al. **J Orthop Res** 1984;2(1):2-7

Age-related changes in bone in the dog: calcium homeostasis. Williams EA, et al. **J Orthop Res** 1984;2(1):8-14

Testosterone secretion during gubernacular development and testicular descent in the dog. Baumans V, et al. **J Reprod Fertil** 1985 Jan;73(1):21-5

Effects of disopyramide on the electrocardiogram and ventricular function in the unanesthetized dog. Crosby HH, et al. **J Vet Pharmacol Ther** 1984 Sep;7(3):167-75

Induction of estrus in bitches with exogenous gonadotropins, and pregnancy rate and blood progesterone profiles. Nakao T, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):17-24

Developmental EEG of the beagle dog. Senba H, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):771-81

Developmental EEG of the beagle dog under xylazine sedation. Tourai K, et al. **Nippon Juigaku Zasshi** 1985 Jun; 47(3):459-63

Mechanical factors regulating gastric emptying of viscous nutrient meals in dogs. Keinke O, et al. **Q J Exp Physiol** 1984 Oct;69(4):781-95

Assessment of renal blood flow in dogs: analysis of 131I-hippuran blood clearance in healthy dogs and in dogs with proteinuria. Biewenga WJ, et al. **Res Vet Sci** 1985 Jan;38(1):1-5

Reproductive endocrinology and physiology of the bitch and queen. Olson PN, et al. **Vet Clin North Am [Small Anim Pract]** 1984 Jul; 14(4):927-46 (66 ref.)

Use of echography in bitches [letter] Allen WE, et al. **Vet Rec** 1984 Oct 27;115(17):447

Use of echography in bitches for detection of ovulation and pregnancy. Inaba T, et al. **Vet Rec** 1984 Sep 15; 115(11):276-7

Apparent pregnancy failure following mating of bitches at PMSG induced oestrus. Renton JP, et al. **Vet Rec** 1984 Oct 13;115(15):383-4

Real-time ultrasound scanning of bitches [letter] Wilson J, et al. **Vet Rec** 1985 Jun 29;116(26):698-9

Observations on semen quality of dogs in the tropics. Wong WT, et al. **Vet Rec** 1985 Mar 23;116(12):313-4

[Glucose tolerance and insulin response in dogs with spontaneous diabetes, obesity and following prolonged fasting] Mattheeuws D, et al. **Verh K Acad Geneeskd Belg** 1984;46(6):441-62 (Eng. Abstr.) (Dut)

[Hormonal response to cold during maximum oxygen consumption in the dog] Therminarias A. **J Physiol (Paris)** 1984;79(1):3-10 (Eng. Abstr.) (Fre)

[Early changes in the dog prostate after castration. An ultrastructural study] Sinowatz F. **Acta Anat (Basel)** 1984; 120(3):103-7 (Eng. Abstr.) (Ger)

[Clinical retinography in veterinary medicine. 1. Methodological principles and normal values] Baar U, et al. **Arch Exp Veterinarmed** 1985 Mar;39(2):234-42 (Eng. Abstr.) (Ger)

SURGERY

Plasma-glucose concentrations in dogs and cats before and after surgery: comparison of healthy animals and animals with sepsis. Hardie EM, et al. **Am J Vet Res** 1985 Aug; 46(8):1700-4

Comparison of crystalloid and sanguineous cardioplegic solutions in the dog. Spackman CJ, et al. **Am J Vet Res** 1985 Jun;46(6):1330-4

Comparison of the healing of prescrotal urethrotomy incisions in the dog: sutured versus nonsutured. Weber WJ, et al. **Am J Vet Res** 1985 Jun;46(6):1309-15

Laparoscopic sterilization of the bitch and queen by uterine horn occlusion. Wildt DE, et al. **Am J Vet Res** 1985 Apr; 46(4):864-9

Recommended techniques in small animal anaesthesia: an update. Dodman NH, et al. **Br Vet J** 1984 Sep-Oct; 140(5):505-16

Cost comparison of anesthetic regimens in the dog and cat. Bednarski RM, et al. **J Am Vet Med Assoc** 1984 Oct 15; 185(8):869-72

Swine as replacements for dogs in the surgical teaching and research laboratory. Swindle MM. **Lab Anim Sci** 1984 Aug; 34(4):383-5

Effect of minor surgery on urinary flow and electrolyte excretion in the awake dog. Frommer JP, et al. **Miner Electrolyte Metab** 1985;11(2):91-6

Surgical techniques for the liver and biliary tract. Blass CE, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jan; 15(1):257-75

When to spay [letter] Jackson F. **Vet Rec** 1984 Dec 1; 115(22):582-3

When to spay bitches [letter] Kluth GA. **Vet Rec** 1984 Nov 3;115(18):475

Tail docking and breed standards. Stockman M. **Vet Rec** 1984 Sep 1;115(9):228

[Skin grafts in equine and canine veterinary clinical practice] Bordet R. **Chirurgie** 1984;110(4):391-4 (Eng. Abstr.) (Fre)

[Accidents in general anesthesia in cats and dogs. 1.] Glardon O, et al. **Schweiz Arch Tierheilkd** 1985 Jul;127(7):407-16 (Ger)

[Respiratory functional hypoxia in ruminants under general anesthesia] Erhardt W, et al. **Tierarztl Prax** 1985;Suppl 1:45-9 (Eng. Abstr.) (Ger)

URINE

Metabolism of amosulalol hydrochloride in man: quantitative comparison with laboratory animals. Kamimura H, et al. **Xenobiotica** 1985 May;15(5):413-20

DOLICHOL see under **DITERPENES**

DOLICHOL MONOPHOSPHATE MANNOSE see under **POLYISOPRENYL PHOSPHATE SUGARS**

DOLICHOL PHOSPHATES see under **POLYISOPRENYL PHOSPHATES**

DOLPHINS

Suspected acquired immunodeficiency in an Atlantic bottlenosed dolphin with chronic-active hepatitis and lobomycosis. Bossart GD. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1413-4

[Pathology of marine mammals] Murmann W, et al. **Tierarztl Prax** 1984;12(1):105-15 (Ger)

ANATOMY & HISTOLOGY

Epidermal growth in the bottlenose dolphin, Tursiops truncatus. Hicks BD, et al. **J Invest Dermatol** 1985 Jul; 85(1):60-3

[Structure of the mammillary bodies of the hypothalamus of the bottlenosed dolphin] Kalinina AV, et al. **Arkh Anat Gistol Embriol** 1985 Mar;88(3):34-9 (Eng. Abstr.) (Rus)

PARASITOLOGY

Parasites of the Dall's porpoise (Phocoenoides dalli True). Conlogue GJ, et al. **J Wildl Dis** 1985 Apr;21(2):160-6

[Campula rochebruni (Poirier, 1886) Bittner and Sprehn, 1928, (Trematoda, Campulidae), parasite of the bile ducts of Stenella coeruleoalba (Meyen, 1883) (Odontoceti, Delphinidae) of the Mediterranean Sea] Vegni-Talluri M. **Parassitologia** 1982 Dec;24(2-3):177-84 (Ita)

DOM see under **AMPHETAMINES**

DOMICILIARY CARE see **HOME CARE SERVICES**

DOMINANCE, CEREBRAL

see related

LATERALITY

Reaction time and brain disease: relations to location, etiology and progression of cerebral dysfunction. Elsass P, et al. **Acta Neurol Scand** 1985 Jan;71(1):11-9

Right hemisphere superiority in processing new symbols for arithmetic operators. Lamm O, et al. **Acta Psychol (Amst)** 1984 Sep;57(1):29-45

Intracarotid amytal test in the assessment of language dominance. Oxbury SM, et al. **Adv Neurol** 1984;42:115-23

Differences in lateral hemispheric asymmetries of glucose utilization between early- and late-onset Alzheimer-type dementia. Koss E, et al. **Am J Psychiatry** 1985 May; 142(5):638-40

Asymmetries in monozygotic twins [letter] Segal N. **Am J Psychiatry** 1984 Dec;141(12):1638

Anteroposterior gradients in cerebral glucose use in schizophrenia and affective disorders. Buchsbaum MS, et al. **Arch Gen Psychiatry** 1984 Dec;41(12):1159-66

Cerebral lateralization. Biological mechanisms, associations, and pathology: I. A hypothesis and a program for research. Geschwind N, et al. **Arch Neurol** 1985 May;42(5):428-59

Hemispheric control of speech expression in aphasia. A mouth asymmetry study. Graves R, et al. **Arch Neurol** 1985 Mar;42(3):249-51

Cerebral dominance [editorial] Joynt RJ. **Arch Neurol** 1985 May;42(5):427

Auditory laterality in depression: relation to circadian patterns and EEG sleep. Berger-Gross P, et al. **Biol Psychiatry** 1985 Jun;20(6):611-22

Functional hemispheric differences in schizophrenia: interhemispheric transfer deficit or selective hemisphere dysfunction? Hatta T, et al. **Biol Psychiatry** 1984 Jul; 19(7):1027-36

Intra and inter-hemispheric changes in alpha intensities in EEGs of schizophrenic patients versus matched controls. Etevenon P. **Biol Psychol** 1984 Dec;19(3-4):247-56

Lateralized processes in face recognition. Rhodes G. **Br J Psychol** 1985 May;76 (Pt 2):249-71

Processing of faces by patients with unilateral hemisphere lesions. I. Dissociation between judgments of facial affect and facial identity. Bowers D, et al. **Brain Cogn** 1985 Jul; 4(3):258-72

Neglects in hemineglect: a comment on the study of Bisiach et al.(1983). Bruyer R. **Brain Cogn** 1984 Apr;3(2):231-7

Toward a model of dichotic listening performance. Bryden MP, et al. **Brain Cogn** 1985 Jul;4(3):241-57

Induced lateral orientation and persuasibility. Drake RA, et al. **Brain Cogn** 1985 Apr;4(2):156-64

Perceptual and conceptual organization of facial emotions: hemispheric differences. Etcoff NL. **Brain Cogn** 1984 Oct; 3(4):385-412

The multiple roles of Broca's discovery in the development of the modern neurosciences. Greenblatt SH. **Brain Cogn** 1984 Jul;3(3):249-58

The different types of limb apraxia errors made by patients with left vs. right hemisphere damage. Haaland KY, et al. **Brain Cogn** 1984 Oct;3(4):370-84

Effects of a concurrent memory task on hemispheric asymmetries in categorization. Hass EJ, et al. **Brain Cogn** 1985 Jan;4(1):13-26

Perceptual interference and hemispheric specialization. Hines D, et al. **Brain Cogn** 1985 Jan;4(1):76-89

Effects of eye movements on the recognition and localization of dichotic stimuli. Hiscock M, et al. **Brain Cogn** 1985 Apr; 4(2):140-55

The effects of visual feedback on hemispheric alpha asymmetries and reported processing strategies: a single-subject experimental design. Jenkins P, et al. **Brain Cogn** 1985 Jan;4(1):47-58

Contralateral interference and ear advantages for identification of three-element patterns. Lauter JL. **Brain Cogn** 1984 Jul;3(3):259-80

The effects of distance between interactants and subject anxiety on conjugate lateral eye movements. Lenhart RE. **Brain Cogn** 1985 Jul;4(3):328-37

Variations in patterns of lateral asymmetry among dextrals. Levine SC, et al. **Brain Cogn** 1984 Jul;3(3):317-34

Hemispheric asymmetry in memory search for four-letter names and human faces. O'Boyle MW. **Brain Cogn** 1985 Jan;4(1):104-32

Ear advantages for temporal resolution in baboons. Pohl P. **Brain Cogn** 1984 Oct;3(4):438-44

Hemispheric patterns in visual search. Polich J. **Brain Cogn** 1984 Apr;3(2):128-39

Perceptual asymmetries in face recognition. Rhodes G. **Brain Cogn** 1985 Apr;4(2):197–218

Music draws attention to the left and speech draws attention to the right. Segalowitz SJ, et al. **Brain Cogn** 1985 Jan; 4(1):1–6

Development of differences in response latencies to right and left visual fields. Stillman R, et al. **Brain Cogn** 1984 Jul; 3(3):335–42

Face memory and hemispheric preference: emotionality and extraversion. Thompson WB, et al. **Brain Cogn** 1984 Jul; 3(3):239–48

Right-hemisphere interactions in picture-word processing. Underwood G, et al. **Brain Cogn** 1985 Jul;4(3):273–86

Sex in lateralized tachistoscopic word recognition. Boles DB. **Brain Lang** 1984 Nov;23(2):307–17

Age and type of crossed aphasia in dextrals due to stroke. Castro-Caldas A, et al. **Brain Lang** 1984 Sep;23(1):126–33

Cerebral laterality in deaf and hearing children. Gibson CJ, et al. **Brain Lang** 1984 Sep;23(1):1–12

Neuropsychological analysis of a case of crossed dysphasia verified at postmortem. Kapur N, et al. **Brain Lang** 1984 Sep;23(1):134–47

Left-hemisphere language lateralization in bilinguals: use of the concurrent activities paradigm. Soares C. **Brain Lang** 1984 Sep;23(1):86–96

Laterality differences in speaker and consonant identification in dichotic listening. Tartter VC. **Brain Lang** 1984 Sep; 23(1):74–85

Lateral symmetry in the tactual perception of roughness. Lederman SJ, et al. **Can J Psychol** 1984 Dec;38(4):599–609

Monocular asymmetries in vision: a phenomenal basis for eye signature. Porac C, et al. **Can J Psychol** 1984 Dec; 38(4):610–24

Metacontrast masking in amblyopia. Tytla ME, et al. **Can J Psychol** 1984 Sep;38(3):369–85

Lateral differences in face processing: task and modality effects. Bruyer R, et al. **Cortex** 1984 Sep;20(3):377–90

Pain endurance in unilateral cerebral lesions. Cubelli R, et al. **Cortex** 1984 Sep;20(3):369–75

On block design constructional disability in right and left hemisphere brain-damaged patients. Hadano K. **Cortex** 1984 Sep;20(3):391–401

The power of a procedure for detecting mixture distributions in laterality data. McManus IC. **Cortex** 1984 Sep; 20(3):421–6

Verbal memory disturbances in left temporal lobe epileptics. Masui K, et al. **Cortex** 1984 Sep;20(3):361–8

CT scan cerebral asymmetry measurements in stroke cases with global aphasia: atypical asymmetries associated with improved recovery [letter] Pieniadz JM, et al. **Cortex** 1984 Sep;20(3):453–5

Hand and eye preference patterns in elementary and junior high school students. Rymar K, et al. **Cortex** 1984 Sep; 20(3):441–6

Hemispheric differences in evoked potentials to pictures of faces in the left and right visual fields. Sobótka S, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov; 59(6):441–53

Measures of lateral functional dominance: hand dominance. Plato CC, et al. **Hum Biol** 1984 May;56(2):259–75

Inter- and intrahemispheric processing of visual and auditory stimuli by dyslexic children and normal readers. Broman M, et al. **Int J Neurosci** 1985 Apr;26(1–2):27–38

Effects of lateralized brain damage on factor scales of the MMPI. Horton AM Jr. **Int J Neurosci** 1984 Apr; 23(2):127–30

An investigation of hemispheric specialization and visual event related potentials in discriminations of line length. Andreassi JL, et al. **Int J Psychophysiol** 1984 Nov; 2(2):87–95

Hypnotic susceptibility: a lateral predisposition and altered cerebral asymmetry under hypnosis. Gruzelier J, et al. **Int J Psychophysiol** 1984 Nov;2(2):131–9

Lateral eye movement and dream recall. II: Sex differences and handedness. Van Nuys DW. **Int J Psychosom** 1984; 31(3):3–7

Detection of interaural phase shift between a subaudible and an audible tone. Ayres TJ, et al. **J Acoust Soc Am** 1984 Aug;76(2):411–3

Interaural octave phase-shift detection and aural harmonic distortion. Ayres TJ, et al. **J Acoust Soc Am** 1984 Aug; 76(2):414–8

Lateralization of low-frequency, complex waveforms: the use of envelope-based temporal disparities. Bernstein LR, et al. **J Acoust Soc Am** 1985 May;77(5):1868–80

Lateralization of sinusoidally amplitude-modulated tones: effects of spectral locus and temporal variation. Bernstein LR, et al. **J Acoust Soc Am** 1985 Aug;78(2):514–23

Dynamic range and asymmetry of the auditory filter. Glasberg BR, et al. **J Acoust Soc Am** 1984 Aug;76(2):419–27

The role of monaural frequency selectivity in binaural analysis. Hall JW, et al. **J Acoust Soc Am** 1984 Aug; 76(2):435–9

On the growth of masking asymmetry with stimulus intensity. Lutfi RA, et al. **J Acoust Soc Am** 1984 Sep;76(3):739–45

Steps in loudness summation. Mulligan BE, et al. **J Acoust Soc Am** 1985 Mar;77(3):1141–54

Auditory filter asymmetry in the hearing impaired. Tyler RS, et al. **J Acoust Soc Am** 1984 Nov;76(5):1363–8

Cerebral asymmetry for verbal information in severe aphasia. Rastatter MP, et al. **J Aud Res** 1983 Oct;23(4):271–9

Verbal and cognitive sequelae following unilateral lesions acquired in early childhood. Aram DM, et al. **J Clin Exp Neuropsychol** 1985 Feb;7(1):55–78

Construction of matched verbal and design continuous paired associate tests. Newton NA, et al. **J Clin Exp Neuropsychol** 1985 Feb;7(1):97–110

Dissociation between the processing of affective and nonaffective faces: a case study. Bowers D, et al. **J Clin Neuropsychol** 1984 Nov;6(4):367–79

Word Finding Test performance: effects of localization of cerebral damage, level of neuropsychological impairment, age, and education. Pendleton MG, et al. **J Clin Psychol** 1985 Jan;41(1):82–5

Neurobehavioral approach to classification of psychiatric patients using a competency model. Townes BD, et al. **J Consult Clin Psychol** 1985 Feb;53(1):33–42

A computational analysis of mental image generation: evidence from functional dissociations in split-brain patients. Kosslyn SM, et al. **J Exp Psychol [Gen]** 1985 Sep; 114(3):311–41

Search asymmetry: a diagnostic for preattentive processing of separable features. Treisman A, et al. **J Exp Psychol [Gen]** 1985 Sep;114(3):285–310

Multiple resources in divided attention: a cross-modal test of the independence of hemispheric resources. Herdman CM, et al. **J Exp Psychol [Hum Percept]** 1985 Feb; 11(1):40–9

Event-related brain potentials reveal similar attentional mechanisms during selective listening and shadowing. Woods DL, et al. **J Exp Psychol [Hum Percept]** 1984 Dec; 10(6):761–77

Receptive language processing and ear advantage of Down's syndrome children. Hartley XY. **J Ment Defic Res** 1985 Jun;29 (Pt 2):197–205

Relationship of sex and the effects of unilateral lesions on the Wechsler Intelligence Scales. Further considerations. Bornstein RA, et al. **J Nerv Ment Dis** 1984 Dec; 172(12):707–10

Mutism following left hemisphere infarction. David AS, et al. **J Neurol Neurosurg Psychiatry** 1984 Dec;47(12):1342–4

Interhemispheric differences in regional density of the normal brain. Coffman JA, et al. **J Psychiatr Res** 1984;18(3):269–75

Left-handedness in dementia [letter] Drexler ED, et al. **Neurology** 1984 Dec;34(12):1622–3

Sex differences in lateralization in the domestic chick. Andrew RJ, et al. **Neuropsychologia** 1984;22(4):503–9

Hemispheric dominance before Broca. Benton A. **Neuropsychologia** 1984;22(6):807–11

Interaction between lateralization of memory and probe stimulus in the recognition of verbal and spatial visual stimuli. Berrini R, et al. **Neuropsychologia** 1984;22(4):517–20

Global versus local processing: is there a hemispheric dichotomy? Boles DB. **Neuropsychologia** 1984;22(4):445–55

Laterality effects in response to the offset of visual stimuli. Brown WS, et al. **Neuropsychologia** 1984;22(5):627–9

S-R compatibility effect or cerebral laterality effect? Comments on a controversy. Heister G, et al. **Neuropsychologia** 1985;23(3):427–30

Hemispheric asymmetry in use of semantic category information. Hines D, et al. **Neuropsychologia** 1984; 22(4):427–33

The sex difference in dichotic listening: multiple negative findings. Hiscock M, et al. **Neuropsychologia** 1985; 23(3):441–4

Hemispheric specialization for language in the congenitally blind: the influence of the Braille system. Karavatos A, et al. **Neuropsychologia** 1984;22(4):521–5

Right hemisphere interference during negative affect: a reaction time study. Ladavas E, et al. **Neuropsychologia** 1984;22(4):479–85

Failure to replicate the Scott et al. finding of reversed ear dominance in the Native American Navajo. McKeever WF, et al. **Neuropsychologia** 1984;22(4):539–41

Interhemispheric differences in same versus different judgments upon presentation of complex visual stimuli. Magnani G, et al. **Neuropsychologia** 1984;22(4):527–30

Attenuation of dichotic-listening ear advantages by stimulus bias. Pipe ME. **Neuropsychologia** 1985;23(3):437–40

Organization and lateralization of reaching in infants: an extension of Bresson et al. Ramsay DS, et al. **Neuropsychologia** 1984;22(5):639–41

Dissociated hemispheric superiorities for reading stenography vs print. Regard M, et al. **Neuropsychologia** 1985; 23(3):431–5

Relationship between changes in hemispheric advantage during familiarization to faces and proficiency in facial recognition. Ross-Kossak P, et al. **Neuropsychologia** 1984; 22(4):471–7

Differential cerebral speech lateralization in Crow Indian and Anglo children. Vocate DR. **Neuropsychologia** 1984; 22(4):487–94

Motor correlates of dichotic listening asymmetries in children. Waber DP, et al. **Neuropsychologia** 1985; 23(3):403–10

Lateralization of choline acetyltransferase (ChAT) activity in fetus and adult human brain. Bracco L, et al. **Neurosci Lett** 1984 Sep 7;50(1–3):301–5

Aphasia after left hemisphere injury [letter] Gaede SE, et al. **Neurosurgery** 1984 Sep;15(3):456–7

Tactile stimulation and interhemispheric communication by learning disabled children: an exploratory study. Berlin DF. **Percept Mot Skills** 1985 Jun;60(3):731–6

Neuropsychological assessment of a case of early right hemiplegia: qualitative and quantitative analysis. Brizzolara D, et al. **Percept Mot Skills** 1984 Dec;59(3):1007–10

Lateralized brain processing of faces and facial expressions: level of blurring and specificity. Bruyer R. **Percept Mot Skills** 1984 Oct;59(2):545–6

Intuition, cognitive style, and hemispheric processing. Fallik B, et al. **Percept Mot Skills** 1985 Jun;60(3):683–97

Interhemispheric transfer of visual information in schizophrenics. Fogliani AM, et al. **Percept Mot Skills** 1985 Jun;60(3):867–70

Multiple resources and brain laterality. Galluscio EH, et al. **Percept Mot Skills** 1984 Dec;59(3):815–24

Laterality of cerebral function: relations with anxiety, repression, and perception. Kennelly KJ, et al. **Percept Mot Skills** 1985 Jun;60(3):791–5

Assessment of eye dominance through response time. Metalis SA, et al. **Percept Mot Skills** 1984 Oct;59(2):539–44

Case report: recovery and reorganization after congenital unilateral brain damage. Nass R. **Percept Mot Skills** 1984 Dec;59(3):867–74

Motoric indicators of laterality and determination of lateral dominance in schizophrenia. Scott DG. **Percept Mot Skills** 1985 Jun;60(3):971–85

Analysis of temporal suppression mechanism in binocular rivalry. Sohmiya T, et al. **Percept Mot Skills** 1985 Jun; 60(3):995–8

Developmental trends in dichhaptic lateralization. Van Blerkom ML. **Percept Mot Skills** 1985 Jun;60(3):951–9

Superiority of the left cerebral hemisphere in word recognition with nonverbal central fixation. Williams SM. **Percept Mot Skills** 1984 Dec;59(3):895–8

Cerebral specialization and hemispheric performance asymmetries in narrative memory. Wingfield A, et al. **Percept Mot Skills** 1984 Aug;59(1):39–42

Effects of hemispace on tactile bisection by young children. Yamamoto M. **Percept Mot Skills** 1984 Dec;59(3):833–4

Binocular summation on fused annular backgrounds. Cogan AI, et al. **Perception** 1984;13(2):193–206

The dependence of monocular rivalry on spatial frequency: some interaction variables. Mapperson B, et al. **Perception** 1984;13(2):141–51

Binocular mechanisms mediating crossed and uncrossed stereopsis. Mustillo P. **Psychol Bull** 1985 Mar;97(2):187–201 (86 ref.)

Hemispheric asymmetry of cognitive processing in schizophrenics. Miller L. **Psychol Rep** 1984 Dec; 55(3):932–4

Cerebral hemisphere function and laterality of migraine. Crisp AH, et al. **Psychother Psychosom** 1985;43(1):49–55

Linguistic impairment after left hemidecortication for infantile hemiplegia? A reappraisal. Bishop DV. **Q J Exp Psychol** [A] 1983 Feb;35 (Pt 1):199–207

Visual dissociations of movement, position, and stereo depth: some phenomenal phenomena. Gregory RL, et al. **Q J Exp Psychol** [A] 1983 Feb;35 (Pt 1):217–37

Visual-field differences for a number—non-number classification of alphabetic and ideographic stimuli. Peereman R, et al. **Q J Exp Psychol** [A] 1985 May; 37(2):197–216

Contingent negative variation and the related thalamic activities. Observation on the responses evoked by ipsilateral and contralateral hand movements. Tsuda T. **Tokushima J Exp Med** 1984 Jun;31(1–2):29–32

[Mirror writing] Wang XD. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Apr; 18(2):108–10 (Eng. Abstr.) **(Chi)**

[Relation between speech dominance and handedness] Heick A. **Ugeskr Laeger** 1984 Sep 19;146(38):2851–3 (Eng. Abstr.) **(Dan)**

[Cerebral dominance and environmental factors: deafness and bilingualism...] **Rev Med Suisse Romande** 1984 Jul; 104(7):523–8 **(Fre)**

[How should we conceive of cerebral dominance?] **Rev Med Suisse Romande** 1984 Jul;104(7):549–53 **(Fre)**

[Presentation of the major clinical syndromes caused by focal involvement of the cerebral hemispheres and lesions of the corpus callosum. Historical information] **Rev Med Suisse Romande** 1984 Jul;104(7):477–91 **(Fre)**

[Establishment and evolution of cerebral dominance] Assal G, et al. **Rev Med Suisse Romande** 1985 May;105(5):397–402 **(Fre)**

[Anatomic correlates of cerebral dominance] Assal G. **Rev Med Suisse Romande** 1985 Jun;105(6):473–6 **(Fre)**

[Hemispheric man. Introduction] Assal G, et al. **Rev Med Suisse Romande** 1984 Jul;104(7):473–6 **(Fre)**

[The involution of cerebral dominance] Bindschaedler CR, et al. **Rev Med Suisse Romande** 1985 May;105(5):403–6 **(Fre)**

[Cerebral laterality in animals] Jacot-Descombes C, et al. **Rev Med Suisse Romande** 1985 Jun;105(6):477–81 **(Fre)**

[Single test comparisons of motor lateral preference of upper and lower extremities of girls in vocational schools] Oeser R, et al. **Arztl Jugendkd** 1985 Apr;76(2):96–100 (Eng. Abstr.) **(Ger)**

[Results of a study of a family with aggregated occurrence of bilateral symmetrical basal ganglia calcinosis] König P, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):325–34 (Eng. Abstr.) **(Ger)**

[Presentation of a new tachistoscopic test procedure for measuring functional hemisphere asymmetries of the optic field] Spiel G, et al. **Fortschr Neurol Psychiatr** 1985 May; 53(5):154–67 (Eng. Abstr.) **(Ger)**

[Some electroencephalographic findings following bilateral and unilateral electroconvulsive treatment] Sack G. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Sep;36(9):533-6 (Eng. Abstr.) **(Ger)**

[Brain perfusion image using N-isopropyl-p-[123I] iodoamphetamine. Detection of interhemispheric difference] Matsuda H, et al. **Kaku Igaku** 1984 Dec; 21(12):1587-96 (Eng. Abstr.) **(Jpn)**

[Dissymmetry of the brain] Iwata M. **Tanpakushitsu Kakusan Koso** 1984 Dec;29(14):1555-65 (66 ref.) **(Jpn)**

DRUG EFFECTS

[Interhemispheric pharmacological asymmetry] Maksimovich IaB, et al. **Farmakol Toksikol** 1985 May-Jun;48(3):22-5 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Spatial thinking disturbances: on a simple task in brain damaged patients. Grossi D, et al. **Acta Neurol (Napoli)** 1984 Dec;6(6):451-4

Language development: lateralization of semantics and the short-term-verbal-memory (STVM) of the right hemisphere. Rothenberger A, et al. **Acta Paedopsychiatr (Basel)** 1984 Aug;50(2-3):119-30

Lateralized cerebral impairment in schizophrenia. A critical review. Cazzullo CL, et al. **Acta Psychiatr Belg** 1984 Jul-Aug;84(4):310-24 (106 ref.)

Cognitive, psychotic, or educational impairment in schizophrenia? [letter] Goldstein PC, et al. **Am J Psychiatry** 1984 Nov;141(11):1489-90

Hemispheric lateralization of spatial contrast sensitivity. Kobayashi S, et al. **Ann Neurol** 1985 Feb;17(2):141-5

Conjugate eye deviation after acute hemispheric stroke: delayed recovery after previous contralateral frontal lobe damage. Steiner I, et al. **Ann Neurol** 1984 Oct;16(4):509-11

Hemispheric differences in split-brain monkeys viewing and responding to videotape recordings. Ifune CK, et al. **Behav Neural Biol** 1984 Jul;41(2):231-5

Postsurgical enrichment aids adult hemidecorticate rats on a spatial navigation task. Whishaw IQ, et al. **Behav Neural Biol** 1984 Nov;42(2):183-90

Neural lateralization of vocalizations by Japanese macaques: communicative significance is more important than acoustic structure. Petersen MR, et al. **Behav Neurosci** 1984 Oct; 98(5):779-90

Visual experience, unilateral cortical lesions, and lateralization of function in rats. Tees RC. **Behav Neurosci** 1984 Dec;98(6):969-78

Pathway and hemispheric differences in the event-related potential (ERP) to monaural stimulation: a comparison of schizophrenic patients with normal controls. Connolly JF, et al. **Biol Psychiatry** 1985 Mar;20(3):293-303

Predominant sensorimotor area left hemisphere dysfunction in schizophrenia measured by brain electrical activity mapping. Guenther W, et al. **Biol Psychiatry** 1985 May; 20(5):515-32

Hypnosis and its effects on left and right hemisphere activity. Levine JL, et al. **Biol Psychiatry** 1984 Oct;19(10):1461-75

Imbalance of hemispheric functions in the major psychoses: a study of handedness in the People's Republic of China. Yan SM, et al. **Biol Psychiatry** 1985 Aug;20(8):906-17

Hemispheric asymmetry of EEG alpha activation: effects of gender and familial handedness. Glass A, et al. **Biol Psychol** 1984 Dec;19(3-4):169-87

Cognitive and EEG asymmetry. Glass A. **Biol Psychol** 1984 Dec;19(3-4):213-7

Round table on hemispheric specialization and lateral asymmetries in the EEG: introduction. Glass A. **Biol Psychol** 1984 Dec;19(3-4):151-7

Correlations of event-related potentials with schizophrenic deficits in information processing and hemispheric dysfunction. Hiramatsu K, et al. **Biol Psychol** 1984 Dec; 19(3-4):281-94

Speed of work and EEG asymmetry. Marquis FA, et al. **Biol Psychol** 1984 Dec;19(3-4):205-11

Cerebral asymmetries: neuropsychological measurement and theoretical issues. Miran M, et al. **Biol Psychol** 1984 Dec; 19(3-4):295-304 (39 ref.)

Hemispheric lateralization of event-related potentials in a cued reaction-time task. Rebert CS, et al. **Biol Psychol** 1984 Dec;19(3-4):189-204

Differential hemispheric activation during complex visuomotor performance: alpha trends and theta. Rebert CS, et al. **Biol Psychol** 1984 Dec;19(3-4):159-68

EEG lateral asymmetries in psychiatric disorders. Serafetinides EA. **Biol Psychol** 1984 Dec;19(3-4):237-46

Asymmetric EEG changes as method actors generated emotions. Tucker DM, et al. **Biol Psychol** 1984 Aug; 19(1):63-75

Lateral brain function in normal and disordered emotion: interpreting electroencephalographic evidence. Tucker DM. **Biol Psychol** 1984 Dec;19(3-4):219-35

On the statistical estimation of speech-organization distributions from aphasia data. Carter RL, et al. **Biometrics** 1984 Dec;40(4):937-46

Motor and sighting dominance in schizophrenia and affective disorder. Evidence for right-hand grip strength prominence in paranoid schizophrenia and bipolar illness. Merrin EL. **Br J Psychiatry** 1985 May;146:539-44

Primary visual cortex in the brushtailed possum: receptive field properties and corticocortical connections. Crewther DP, et al. **Brain Behav Evol** 1984;24(4):184-97

Testing a theory of brain function by computer methods. IV. Comparing spatial and temporal order in the two cerebral hemispheres. Riss W. **Brain Behav Evol** 1984; 24(4):177-83

The statistical interaction of cerebral specialization and integration in the interpretation of dynamic brain images. Clark CM, et al. **Brain Cogn** 1985 Jan;4(1):7-12

Visual allesthesia in manual pointing: some evidence for a sensorimotor cerebral organization. Joanette Y, et al. **Brain Cogn** 1984 Apr;3(2):152-65

Anterior-posterior interhemispheric differences in the loci of lesions producing visual hemineglect. Ogden JA. **Brain Cogn** 1985 Jan;4(1):59-75

Language lateralization in English-French bilinguals. Albanèse JF. **Brain Lang** 1985 Mar;24(2):284-96

Right-hemispheric language evidence from cortical stimulation. Andy OJ, et al. **Brain Lang** 1984 Sep; 23(1):159-66

Reaction times of severe Broca's aphasics to monaural verbal stimuli. Gallaher AJ, et al. **Brain Lang** 1985 May; 25(1):134-43

Ear asymmetries in dichotic listening tasks which increase in difficulty. Mohr E, et al. **Brain Lang** 1985 Mar; 24(2):233-45

Information processing and speech lateralization in learning-disabled children. Obrzut JE, et al. **Brain Lang** 1985 May;25(1):87-101

The role of the right hemisphere in the control of speech prosody in propositional and affective contexts. Shapiro BE, et al. **Brain Lang** 1985 May;25(1):19-36

Right hemisphere appreciation of prosodic and linguistic indications of implicit attitude. Tompkins CA, et al. **Brain Lang** 1985 Mar;24(2):185-203

Semantic priming effects for stimuli presented to the right and left visual fields. Walker E, et al. **Brain Lang** 1985 May;25(1):144-59

Different methods of lexical access for words presented in the left and right visual hemifields. Young AW, et al. **Brain Lang** 1985 Mar;24(2):326-58

On the formation of eye dominance stripes and patches in the doubly-innervated optic tectum of the chick. Fawcett JW, et al. **Brain Res** 1985 Jan;349(1-2):147-63

Interocular transfer of pattern discrimination learning in chicks. Gaston KE. **Brain Res** 1984 Sep 24;310(2):213-21

Endogenous asymmetry of rat brain lipids and dominance of the right cerebral hemisphere in free fatty acid response to electroconvulsive shock. Ginóbili de Martínez MS, et al. **Brain Res** 1985 Jul 29;339(2):315-21

Further evidence for hypothalamic asymmetry in endocrine control of the ovary. Nance DM, et al. **Brain Res Bull** 1984 Nov;13(5):651-5

Asymmetrical facial expressions: a different interpretation. Dane FC, et al. **Cortex** 1985 Jun;21(2):301-3

Lateral eye movement and hemisphere asymmetry: effects of question type, task type, emotion type, and individual differences. Hatta T. **Cortex** 1984 Dec;20(4):543-56

Two brains, one child: interhemispheric information transfer deficits and confabulatory responding in children aged 4, 7, 10. Joseph R, et al. **Cortex** 1984 Sep;20(3):317-31

Handedness and language laterality: discrimination of handedness groups on the dichotic consonant-vowel task. McKeever WF, et al. **Cortex** 1984 Dec;20(4):509-23

Asymmetries in musical aesthetic judgments. Shanon B. **Cortex** 1984 Dec;20(4):567-73

Right brain, left brain; left face, right face: hemisphericity and the expression of facial emotion. Thompson JK. **Cortex** 1985 Jun;21(2):281-99 (46 ref.)

Asymmetrical facial expressions indeed: a reply to Dane and Thompson. Tucker DM, et al. **Cortex** 1985 Jun;21(2):305-7

Visually evoked cortical potentials in strabismus alternans. Kakisu Y, et al. **Dev Ophthalmol** 1984;9:81-6

Overstimulation, occipital/somesthetic cerebral cortical depth, and cortical asymmetry in mice. Lindroos OF, et al. **Dev Psychobiol** 1984 Sep;17(5):547-54

On the effect of cross-hearing and clinical masking on the auditory brain-stem evoked response. Smyth V. **Electroencephalogr Clin Neurophysiol** 1985 Jul;61(1):26-9

Quality extinction test and lateralized EEG focality: preliminary observations in a group of epileptic patients. Scarone S, et al. **Eur Neurol** 1985;24(4):244-7

Substantial reduction of noradrenaline in kitten visual cortex by intraventricular injections of 6-hydroxydopamine does not always prevent ocular dominance shifts after monocular deprivation. Daw NW, et al. **Exp Brain Res** 1985;59(1):30-5

The involvement of the two hemispheres in the reaction time to central and peripheral visual stimuli. Arkin N, et al. **Int J Neurosci** 1985 Jan;25(3-4):233-6

Hemisphere lateralization of the extrapolation reflex. Bianki VL, et al. **Int J Neurosci** 1985 Jan;25(3-4):195-205

Hemisphere-specific deficits on cognitive/perceptual tasks following REM sleep deprivation. Dushenko TW, et al. **Int J Neurosci** 1984 Dec;25(1-2):25-45

Cognitive asymmetries after wakings from REM and NONREM sleep in right-handed females. Lavie P, et al. **Int J Neurosci** 1984 Apr;23(2):111-5

Conditioning in the unattended left ear. Martin DG, et al. **Int J Neurosci** 1984 Apr;23(2):95-102

Directional preferences in perception of visual stimuli. Nachshon I. **Int J Neurosci** 1985 Jan;25(3-4):161-74 (66 ref.)

Changes in EEG alpha power induced by repetitive ipsi- and contralateral hand movements. Olivan J, et al. **Int J Neurosci** 1984 Nov;24(3-4):239-43

Is there right hemisphere dysfunction in major depression? Ramos-Brieva JA, et al. **Int J Neurosci** 1984 Apr; 23(2):103-9

Superiority of the left hemisphere in the recognition of emotional faces. Stalans L, et al. **Int J Neurosci** 1985 Jan; 25(3-4):219-23

Hemispheric advantages and shifts of laterality differences in visual and tactual modalities. Streitfeld B. **Int J Neurosci** 1985 Jan;25(3-4):245-54

Cerebral functional asymmetry and MBD children: a synergistic deficit of hemispheres? Yamamoto M, et al. **Int J Neurosci** 1984 Oct;24(2):143-8

Hemispheric imbalances in schizophrenia. Gruzelier JH. **Int J Psychophysiol** 1984 Mar;1(3):227-40 (75 ref.)

Cerebral asymmetry and the psychophysiology of attention. Jutai JW. **Int J Psychophysiol** 1984 Mar;1(3):219-25 (59 ref.)

Methodological problems in bilateral electrodermal research. Miossec Y, et al. **Int J Psychophysiol** 1985 Apr;2(4):247-56

Monaural and binaural auditory brainstem responses in relation to the psychophysical loudness growth function. Howe SW, et al. **J Acoust Soc Am** 1984 Sep;76(3):787-93

Interaural time sensitivity of high-frequency neurons in the inferior colliculus. Yin TC, et al. **J Acoust Soc Am** 1984 Nov;76(5):1401-10

CT scan detection on focal haemorrhage in subthalamic nucleus in hemiballismus. Dhanaraj M, et al. **J Assoc Physicians India** 1984 May;32(5):453-4

Split medulla preparation in the cat: arterial chemoreceptor reflex and respiratory modulation of the renal sympathetic nerve activity. Kubin L, et al. **J Auton Nerv Syst** 1985 Feb-Mar;12(2-3):211-25

Are the rhythm tests of the Halstead-Reitan and Luria-Nebraska batteries differentially sensitive to right temporal lobe lesions? Steinmeyer CH. **J Clin Psychol** 1984 Nov;40(6):1464-6

Interhemispheric connections of cortical sensory areas in tree shrews. Cusick CG, et al. **J Comp Neurol** 1985 May 1; 235(1):111-28

Postnatal development of the ipsilateral retinocollicular projection and the effects of unilateral enucleation in the golden hamster. Insausti R, et al. **J Comp Neurol** 1985 Apr 15;234(3):393-409

Blood flow and oxygen utilisation in the contralateral cerebral cortex of patients with untreated intracranial tumours as studied by positron emission tomography, with observations on the effect of decompressive surgery. Beaney RP, et al. **J Neurol Neurosurg Psychiatry** 1985 Apr; 48(4):310-9

Visual evoked potentials to lateralised stimuli in two cases of callosal agenesis. Rugg MD, et al. **J Neurol Neurosurg Psychiatry** 1985 Apr;48(4):367-73

Role of corpus callosum in functional organization of cat striate cortex. Payne BR, et al. **J Neurophysiol** 1984 Sep; 52(3):570-94

Task-dependent hemisphere asymmetries of the visual evoked potential. Goodin DS, et al. **Neurology** 1985 Mar; 35(3):378-84

Motor impersistence: a right-hemisphere syndrome. Kertesz A, et al. **Neurology** 1985 May;35(5):662-6

EEG asymmetry during sleep. Gaillard JM, et al. **Neuropsychobiology** 1984;11(4):224-6

Intermanual information transfer in patients with lesions in the trunk of the corpus callosum. Bentin S, et al **Neuropsychologia** 1984;22(5):601-11

Auditory extinction following hemisphere damage. De Renzi E, et al. **Neuropsychologia** 1984;22(6):733-44

Parietal hemineglect and motor deficits in the monkey. Deuel RK, et al. **Neuropsychologia** 1985;23(3):305-14

Humans, apes and monkeys: the changing neuropsychological viewpoint. Ettlinger G. **Neuropsychologia** 1984;22(6):685-96

Cerebral dominance in biological perspective. Geschwind N. **Neuropsychologia** 1984;22(6):675-83

Enhanced dual task performance following corpus commissurotomy in humans. Holtzman JD, et al. **Neuropsychologia** 1985;23(3):315-21

Hemispheric asymmetry for a visuo-spatial task in monkeys. Jason GW, et al. **Neuropsychologia** 1984;22(6):777-84

Reaction times to lateralized visual stimuli in callosal agenesis: stimulus and response factors. Milner AD, et al. **Neuropsychologia** 1985;23(3):323-31

Neuropsychological demonstration of splenial interhemispheric disconnection in a case of 'optic anomia'. Poeck K. **Neuropsychologia** 1984;22(6):707-13

Consciousness, personal identity and the divided brain. Sperry R. **Neuropsychologia** 1984;22(6):661-73

Language dominance: correlation of radiological and functional data. Strauss E, et al. **Neuropsychologia** 1985; 23(3):415-20

Visual laterality effects and cerebral speech dominance determined by the carotid Amytal test. Strauss E, et al. **Neuropsychologia** 1985;23(4):567-70

In search for the egocentric reference. A neurophysiological hypothesis. Ventre J, et al. **Neuropsychologia** 1984; 22(6):797-806

Visual hemi-inattention after ventrolateral thalamotomy. Vilkki J. **Neuropsychologia** 1984;22(4):399-408

Dichotic listening tests in studying brain-behavior relationships. Wexler BE, et al. **Neuropsychologia** 1985; 23(4):545–59

Functional asymmetry of the animal brain. Balonov LYa, et al. **Neurosci Behav Physiol** 1984 Sep–Oct;14(5):427–34

Interhemispheric asymmetry of associative responses in the cat parietal cortex. Bianki VL, et al. **Neurosci Behav Physiol** 1984 Nov–Dec;14(6):502–10

Parallel and sequential information processing in animals as a function of different hemispheres. Bianki VL. **Neurosci Behav Physiol** 1984 Nov–Dec;14(6):497–501

Representation of both visual hemifields in the lateral suprasylvian area of one hemisphere. Shelepin YuE, et al. **Neurosci Behav Physiol** 1984 Nov–Dec;14(6):520–3

Hypothalamic laterality in regulating gonadotropic function: unilateral hypothalamic lesion and ovarian compensatory hypertrophy. Fukuda M, et al. **Neurosci Lett** 1984 Oct 26; 51(3):365–70

Anatomical basis of learning disabilities. Brain specialization. Kemper TL. **Otolaryngol Clin North Am** 1985 May; 18(2):305–14

Sleep dreams, cerebral dominance and creation. A new approach to the problem. Rotenberg VS. **Pavlov J Biol Sci** 1985 Apr–Jun;20(2):53–8

Interhemispheric visual masking. Braff DL, et al. **Percept Mot Skills** 1985 Apr;60(2):495–502

Chromatic perception in relation to an hypothesized cerebral dominance. Ruggieri V, et al. **Percept Mot Skills** 1985 Apr; 60(2):583–9

The lateralization of occipital alpha-power under resting conditions in the EEG of healthy volunteers. A state- and a trait-variable. Ulrich G, et al. **Pharmacopsychiatry** 1985 May;18(3):246–51

Deficits in visual discrimination performance following neglect-producing unilateral lateral hypothalamic lesions in the albino rat. Ackil JE, et al. **Physiol Behav** 1984 Jun; 32(6):915–22

Sharply timed and lateralised events at time of establishment of long term memory. Andrew RJ, et al. **Physiol Behav** 1985 Apr;34(4):547–56

Interhemispheric changes in alpha rhythm related to time perception. Contreras CM, et al. **Physiol Behav** 1985 Apr; 34(4):525–9

Lateralization of visually controlled behavior in pigeons. Güntürkün O. **Physiol Behav** 1985 Apr;34(4):575–7

Differential behavioral responsiveness to ipsilateral and contralateral visual stimuli produced by unilateral rewarding hypothalamic stimulation in the rat. Nakahara D, et al. **Physiol Behav** 1984 Jun;32(6):1005–10

Locomotor stepping elicited by electrical stimulation of the lateral hypothalamus requires an ipsilateral descending pathway. Sinnamon HM, et al. **Physiol Behav** 1984 Aug; 33(2):209–15

Lateralized state-dependent learning produced by hippocampal kindled convulsions: effect of split-brain. Stokes KA, et al. **Physiol Behav** 1985 Feb;34(2):217–24

Hemispheric specialization and ear advantages in processing speech. Geffen G, et al. **Psychol Bull** 1984 Sep;96(2):273–91 (128 ref.)

Stability of pathway-hemisphere differences in the auditory event-related potential (ERP) to monaural stimulation. Connolly JF. **Psychophysiology** 1985 Jan;22(1):87–95

Effects of lateralized presentations of faces on self-reports of emotion and EEG asymmetry in depressed and non-depressed subjects. Davidson RJ, et al. **Psychophysiology** 1985 May;22(3):353–64

The asymmetry of facial actions is inconsistent with models of hemispheric specialization. Hager JC, et al. **Psychophysiology** 1985 May;22(3):307–18

Binaural interaction in early, middle and late auditory evoked responses. Debruyne F. **Scand Audiol** 1984;13(4):293–6

[Dexterous digital movements of the non-preferred hand—a test of 46 normal subjects] Qin Z. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Feb; 18(1):30–2 (Eng. Abstr.) **(Chi)**

[Hemispheric specialization and word memory: effects of an interfering task] Juan de Mendoza JL, et al. **Annee Psychol** 1984;84(1):9–20 (Eng. Abstr.) **(Fre)**

[Tachistoscopic study of hemispheric specialization in agenesis of the corpus callosum] Lassonde M, et al. **Can J Psychol** 1984 Dec;38(4):527–36 (Eng. Abstr.) **(Fre)**

[Left hand preference as a result of an early cerebral lesion] **Rev Med Suisse Romande** 1984 Jul;104(7):505–7 **(Fre)**

[Neuropsychological findings concerning the role of sex] **Rev Med Suisse Romande** 1984 Jul;104(7):515–22 **(Fre)**

[Auditory cognition and cerebral dominance] **Rev Med Suisse Romande** 1984 Jul;104(7):529–33 **(Fre)**

[Technics of experimental neuropsychology for studying cerebral dominance] **Rev Med Suisse Romande** 1984 Jul; 104(7):543–7 **(Fre)**

[Cerebral dominance of left-handed subjects] **Rev Med Suisse Romande** 1984 Jul;104(7):509–14 **(Fre)**

[Amusia and cerebral dominance] **Rev Med Suisse Romande** 1984 Jul;104(7):535–41 **(Fre)**

[Hemispheric asymmetry in amusia] Peretz I. **Rev Neurol (Paris)** 1985;141(3):169–83 (Eng. Abstr.) **(Fre)**

[Detection of stereopsis by recording of visual evoked cortical potentials] Teping C, et al. **Fortschr Ophthalmol** 1984;81(5):480–2 (Eng. Abstr.) **(Ger)**

[Effect of ipsilateral, contralateral and binaural roaring noise on brain stem potentials in the guinea pig] Dum N, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Dec;63(12):636–9 (Eng. Abstr.) **(Ger)**

[Hemispheric dominance for speech and calculation: electrophysiologic correlates of left dominance in left handedness] Jung R, et al. **Neuropsychologia** 1984; 22(6):755–75 (Eng. Abstr.) **(Ger)**

[Cause of crossed cerebellar diaschisis in cerebrovascular disease] Biersack HJ, et al. **Nuklearmedizin** 1984 Oct; 23(5):227–30 (Eng. Abstr.) **(Ger)**

[Relative determination of hemisphere perfusion and hemisphere circulation. A comparison of the results of computer-assisted radionuclide angiography and dynamic single photon emission CT in patients with unilateral cerebrovascular disease] Büll U, et al. **Nuklearmedizin** 1984 Oct;23(5):247–52 (Eng. Abstr.) **(Ger)**

[Visual scanning in patients with unilateral visual neglect due to right-sided cerebro-vascular lesion] Kamakura N. **No To Shinkei** 1984 Nov;36(11):1119–25 (Eng. Abstr.) **(Jpn)**

[Selective attentional functioning as reflected in ERPs during syllable discrimination tasks (I). Results for normal control subjects] Hiramatsu K, et al. **Seishin Shinkeigaku Zasshi** 1984;86(2):120–43 (Eng. Abstr.) **(Jpn)**

[Developmental changes of the interhemispheric interaction in the tactile function] Yamamoto M. **Shinrigaku Kenkyu** 1984 Dec;55(5):311–4 (Eng. Abstr.) **(Jpn)**

[Hemispheric asymmetry in mental diseases] Restian A, et al. **Rev Med Interna [Neurol Psihiatr]** 1984 Oct–Dec; 29(4):241–9 (85 ref.) **(Rum)**

[Effect of masking on interhemispheric and bilateral asymmetry of long-latency auditory evoked potentials] Koroleva IV, et al. **Biull Eksp Biol Med** 1985 Jun; 99(6):643–5 (Eng. Abstr.) **(Rus)**

[Neuropsychological characteristics of support for bilingualism in light of functional brain asymmetry] Chernigovskaia TV, et al. **Fiziol Cheloveka** 1984 Jul–Aug; 10(4):525–30 **(Rus)**

[Analysis of lexical and grammatical material during transient inactivation of the left and right hemispheres of the brain] Deglin VL, et al. **Fiziol Cheloveka** 1985 Jan–Feb; 11(1):44–50 **(Rus)**

[Characteristics of information processing by the right and left hemispheres of the brain] Dodonova NA, et al. **Fiziol Cheloveka** 1984 Nov–Dec;10(6):959–64 **(Rus)**

[Interhemispheric asymmetry of the EEG spectra and their interindividual variation in healthy persons in relation to the laterality of the dominant hand] Efimova IE, et al. **Fiziol Cheloveka** 1984 Jul–Aug;10(4):515–24 **(Rus)**

[Dynamics of erroneous voluntary reactions and interhemispheric EEG correlations] Fedotchev AI. **Fiziol Cheloveka** 1984 Mar–Apr;10(2):260–4 **(Rus)**

[Phenomenon of the false localization of a visual image and human brain functional asymmetry] Iarlykov VN. **Fiziol Cheloveka** 1984 Jul–Aug;10(4):573–7 **(Rus)**

[Brain functional asymmetry characteristics of students in the period of an examination session] Kikolov AI, et al. **Fiziol Cheloveka** 1984 Jul–Aug;10(4):556–62 **(Rus)**

[Lateral characteristics of visual perception] Manelis NG, et al. **Fiziol Cheloveka** 1984 May–Jun;10(3):347–51 **(Rus)**

[Reflection of the lateralization of sound stimuli in the evoked potentials of the human brain] Ndinga A, et al. **Fiziol Cheloveka** 1984 Mar–Apr;10(2):265–71 **(Rus)**

[Dynamics of interhemispheric asymmetry as altered by a geomagnetic field] Raevskaia OS, et al. **Fiziol Cheloveka** 1984 May–Jun;10(3):471–3 **(Rus)**

[Interhemispheric asymmetry in the recognition of standardized and noise-modulated textural stimuli] Udalova GP, et al. **Fiziol Cheloveka** 1985 Jan–Feb; 11(1):36–43 **(Rus)**

[Functional interhemispheric asymmetry in recognizing different classes of visual stimuli] Udalova GP, et al. **Fiziol Cheloveka** 1984 Jul–Aug;10(4):578–88 **(Rus)**

[Asymmetry of the interaction of transcallosal and thalamocortical flows in the sensorimotor cortex] Bianki VL, et al. **Fiziol Zh SSSR** 1984 Sep;70(9):1301–10 (Eng. Abstr.) **(Rus)**

[Topography of the electrical potentials of the human brain and dominance] Doroshenko VA. **Fiziol Zh SSSR** 1984 Oct;70(10):1361–5 (Eng. Abstr.) **(Rus)**

[Asymmetry of motor function in the forelimbs of cats] Glumov GM. **Fiziol Zh SSSR** 1984 Sep;70(9):1332–7 (Eng. Abstr.) **(Rus)**

[The problem of the functional meaning of EEG indices and the principle of dominance] Kanunikov IE, et al. **Fiziol Zh SSSR** 1984 Oct;70(10):1366–73 (Eng. Abstr.) **(Rus)**

[Lateralization of emotional functions] Kostandov EA. **Fiziol Zh SSSR** 1984 Jul;70(7):976–82 (17 ref.) (Eng. Abstr.) **(Rus)**

[Dominant and reciprocal relationships in the organization of the spatial structure of the biopotential correlations of the brain] Shepoval'nikov AN, et al. **Fiziol Zh SSSR** 1984 Jul;70(7):1007–22 (Eng. Abstr.) **(Rus)**

[Psychopathologic conditions from the standpoint of the functional specialization of the cerebral hemispheres] Sokolova ED, et al. **Zh Nevropatol Psikhiatr** 1984; 84(12):1823–7 (Eng. Abstr.) **(Rus)**

[Principle of the dominant in modern psychophysiology (on the 50th anniversary of the A. A. Ukhtomskii Physiology Institute of Leningrad State University] Batuev AS, et al. **Zh Vyssh Nerv Deiat** 1984 Nov–Dec;34(6):1011–21 **(Rus)**

[Electrophysiologic analysis of interhemispheric differences in mechanisms of visual recognition] Beteleva TG, et al. **Zh Vyssh Nerv Deiat** 1984 Sep–Oct;34(5):841–7 (Eng. Abstr.) **(Rus)**

[Interhemispheric asymmetry of 'emotional resonance' in the rat] Bianki VL, et al. **Zh Vyssh Nerv Deiat** 1985 Mar–Apr; 35(2):261–6 (Eng. Abstr.) **(Rus)**

[Interhemispheric asymmetry and motor activity in rodents] Bianki VL, et al. **Zh Vyssh Nerv Deiat** 1984 Nov–Dec; 34(6):1093–9 **(Rus)**

[Lateralization of perception of short time intervals and cortical evoked activity in man] Kostandov EA, et al. **Zh Vyssh Nerv Deiat** 1984 Jul–Aug;34(4):627–34 (Eng. Abstr.) **(Rus)**

[Lateralization of visual perception of letters during reverse masking] Miamlin VV. **Zh Vyssh Nerv Deiat** 1985 Mar–Apr;35(2):222–7 (Eng. Abstr.) **(Rus)**

[Asymmetry of the cerebral hemispheres during comparison of paired visual stimuli] Udalova GP, et al. **Zh Vyssh Nerv Deiat** 1985 May–Jun;35(3):420–7 (Eng. Abstr.) **(Rus)**

DOMINANCE, SOCIAL see **SOCIAL DOMINANCE**

DOMINANCE-SUBORDINATION see under **SOCIAL DOMINANCE**

DOMPERIDONE

[Effects of domperidone on upper and lower intestinal movement in man] Kon H, et al. **Masui** 1984 Aug; 33(8):853–6 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

[Effect of combined use of adrenocortical hormones and domperidone as anti-emetics during cisplatin therapy] Tanaka T, et al. **Gan To Kagaku Ryoho** 1985 May; 12(5):1049–55 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Domperidone—an acute dystonic reaction [letter] Madej TH. **Anaesthesia** 1985 Feb;40(2):202

Domperidone: secretion in breast milk and effect on puerperal prolactin levels. Hofmeyr GJ, et al. **Br J Obstet Gynaecol** 1985 Feb;92(2):141–4

Domperidone [letter] Bateman DN. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1079

Cardiac arrest after treatment with intravenous domperidone [letter] Cameron HA, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):160

Domperidone [letter] Leeser J, et al. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):241–2

Cardiac arrest after treatment with intravenous domperidone. Roussak JB, et al. **Br Med J [Clin Res]** 1984 Dec 8; 289(6458):1579

Two sudden deaths during prophylactic antiemetic treatment with high doses of domperidone and methylprednisolone [letter] Giaccone G, et al. **Lancet** 1984 Dec 8; 2(8415):1336–7

Cardiotoxicity of intravenous, domperidone [letter] Love EM, et al. **Lancet** 1985 Sep 21;2(8456):676

Cardiotoxicity of intravenous domperidone [letter] Osborne RJ, et al. **Lancet** 1985 Aug 17;2(8451):385

Cardiotoxicity of domperidone [letter] Quinn N, et al. **Lancet** 1985 Sep 28;2(8457):724

Increase in blood pressure in pheochromocytoma induced by domperidone and metoclopramide. Ichikawa S, et al. **Tohoku J Exp Med** 1985 Jun;146(2):149–52

ANALOGS & DERIVATIVES

The clinical significance of halopemide, a dopamine-blocker related to the butyrophenones. De Cuyper H, et al. **Neuropsychobiology** 1984;12(4):211–6

Halopemide, a new psychotropic agent. Cerebral distribution and receptor interactions. Loonen AJ, et al. **Pharm Weekbl [Sci]** 1985 Feb 22;7(1):1–9 (83 ref.)

METABOLISM

In vitro and in vivo antagonistic regulation by estradiol and progesterone of the rat pituitary domperidone binding sites: correlation with ovarian steroid regulation of the dopaminergic inhibition of prolactin secretion in vitro. Bression D, et al. **Endocrinology** 1985 May;116(5):1905–11

3H-Dopamine binding sites differ in rat striatum and pituitary. Sokoloff P, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep; 327(3):221–7

PHARMACODYNAMICS

Effect of metoclopramide, domperidone and apomorphine on GH secretion in children and adolescents. Massara F, et al. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):451–5

Ventilatory effects of domperidone, a new dopamine antagonist, in anaesthetized rabbits. Delpierre S, et al. **Arch Int Pharmacodyn Ther** 1985 May;275(1):47–58

Effects of exepanol-HCl, metoclopramide and domperidone on the lower esophageal sphincter of dogs. Wolf KU. **Arzneimittelforsch** 1985;35(1):136–7

The effect of domperidone on oesophageal emptying in diabetic autonomic neuropathy. Maddern GJ, et al.

Br J Clin Pharmacol 1985 Apr;19(4):441–4

Domperidone and levodopa in Parkinson's disease. Shindler JS, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):959–62

Effects of GRF(1–40) and domperidone on GH secretion in normal man. Giusti M, et al. **Clin Endocrinol (Oxf)** 1984 Oct;21(4):339–43

The interaction of trh and dopaminergic mechanisms in the regulation of stimulated prolactin release in man. Ho KY, et al. **Clin Endocrinol (Oxf)** 1985 Jul;23(1):7–16

The acute effects of a dopamine antagonist (domperidone) on luteinising hormone, follicule stimulating hormone, prolactin and thyrotrophin secretion in polycystic ovarian syndrome: differential effect of ovulation. Murdoch AP, et al. **Clin Endocrinol (Oxf)** 1984 Dec;21(6):611–9

Differential TSH and PRL responses to dopamine receptor blockade in acromegaly. Prescott RW, et al. **Clin Endocrinol (Oxf)** 1984 Oct;21(4):369–75

Increased sensitivity of rabbit carotid body chemoreceptors to dopamine after chronic treatment with domperidone. McQueen DS, et al. **Eur J Pharmacol** 1984 Sep 3; 104(1–2):39–46

Different effects of metoclopramide and domperidone on GH release in type I male diabetics. Volpi R, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:131–3

Differential effects of acute DA receptor blockade with domperidone on LH and TSH release in patients with hyperprolactinemia. Peters JR, et al. **J Endocrinol Invest** 1985 Apr;8(2):163–6

The effect of domperidone on gastric emptying in reflux esophagitis: a radioisotopic study. Del Genio A, et al. **J Nucl Med Allied Sci** 1984 Oct–Dec;28(4):251–6

Blockade of dopamine–induced chemosensory inhibition by domperidone. Zapata P, et al. **Neurosci Lett** 1984 Oct 26; 51(3):359–64

Effects of pimozide and domperidone administration on prolactin levels in neonatally estrogenized female rats. Aguilar E, et al. **Rev Esp Fisiol** 1985 Jun;41(2):183–6

Effect of domperidone on gastro–oesophageal function in normal human subjects. Wallin L, et al. **Scand J Gastroenterol** 1985 Mar;20(2):150–4

[Effect of a dopamine receptor blockader (domperidone) on serum TSH and growth hormone levels in patients with thyroid diseases] Földes J, et al. **Orv Hetil** 1984 Dec 16; 125(51):3095–101 (Eng. Abstr.) **(Hun)**

[Domperidone and the lower esophageal sphincter: experimental study] Monni S, et al. **Chir Patol Sper** 1983 Apr;31(2):69–74 (Eng. Abstr.) **(Ita)**

[Behavior of the pressure of the lower esophageal sphincter after intravenous administration of domperidone in normal subjects] Di Martino N, et al. **Minerva Med** 1985 Jul 31; 76(30–31):1411–7 (Eng. Abstr.) **(Ita)**

THERAPEUTIC USE

Comparison of anti–emetics [letter] Hammond J, et al. **Anaesthesia** 1985 Apr;40(4):382

The evaluation of domperidone and metoclopramide as antiemetics in day care abortion patients. Waldmann CS, et al. **Br J Clin Pharmacol** 1985 Mar;19(3):307–10

Domperidone [letter] Critchley P, et al. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):788

Domperidone in the management of orthostatic hypotension. Montastruc JL, et al. **Clin Neuropharmacol** 1985;8(2):191–2

High–dose alizapride versus high–dose domperidone: a double–blind comparative study in the management of cis–platinum–induced emesis. Huys J, et al. **Curr Med Res Opin** 1985;9(6):400–6

Acute and chronic effects of domperidone on gastric emptying in diabetic autonomic neuropathy. Horowitz M, et al. **Dig Dis Sci** 1985 Jan;30(1):1–9

Domperidone in defective and insufficient lactation. Petraglia F, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 May; 19(5):281–7

A randomized comparison of metoclopramide and domperidone on plasma aldosterone concentration and on spironolactone–induced diuresis in ascitic cirrhotic patients. D'Arienzo A, et al. **Hepatology** 1985 Sep–Oct;5(5):854–7

Effects of domperidone therapy on symptoms and upper gastrointestinal motility in infants with gastroesophageal reflux. Grill BB, et al. **J Pediatr** 1985 Feb;106(2):311–6

[Medical treatment of a gastric bezoar (letter)] Mineur P, et al. **Acta Clin Belg** 1984;39(5):316–9 **(Fre)**

[Effects of domperidone suppository against adverse reactions in digestive organs induced by cancer chemotherapy] Urabe A, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 2):2738–41 (Eng. Abstr.) **(Jpn)**

[Domperidone suppositories treatment for nausea and vomiting during cancer chemotherapy] Usui N, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2272–3 **(Jpn)**

DOPA

ANALOGS & DERIVATIVES

Production of 6–hydroxydopa by human tyrosinase. Hansson C, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):154–7

Plasma 5–S–cysteinyldopa concentrations in oculocutaneous albinism. Nimmo JE, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):169–71

The effect of ring–fluorination on the rate of O–methylation of dihydroxyphenylalanine (DOPA) by catechol–O–methyltransferase: significance in the development of 18F–PETT scanning agents. Creveling CR, et al. **Biochem Biophys Res Commun** 1985 Aug 15; 130(3):1123–31

Tyrosinase–catalyzed conjugation of dopa with glutathione. Ito S, et al. **Experientia** 1985 Jul 15;41(7):960–1

Determination of DOPA, dopamine, and 5–S–cysteinyl–DOPA in plasma, urine, and tissue samples by high–performance liquid chromatography with electrochemical detection. Ito S, et al. **J Chromatogr** 1984 Nov 9;311(1):154–9

Aromatic radiofluorination with [18F]fluorine gas: 6–[18F]fluoro–L–dopa. Firnau G, et al. **J Nucl Med** 1984 Nov;25(11):1228–33

Estimation of the radiation dose in man due to 6–[18F]fluoro–L–dopa. Harvey J, et al. **J Nucl Med** 1985 Aug;26(8):931–5

Urinary excretion of 6–hydroxy–5–methoxyindole–2–carboxylic acid and 5–S–cysteinyldopa during PUVA treatment. Hansson C, et al. **Photodermatol** 1985 Apr;2(2):52–7

Development of an opioid–specific action of morphine in modifying recovery of neonatally–damaged noradrenergic fibers in rat brain. Kostrzewa RM, et al. **Res Commun Chem Pathol Pharmacol** 1984 Oct;46(1):3–11

On the occurrence of cysteinyldopa and dopa in melanocytes and benign nevi cells. Falck B, et al. **Scand J Plast Reconstr Surg** 1976;10(3):185–8

ANALYSIS

Determination of DOPA, dopamine, and 5–S–cysteinyl–DOPA in plasma, urine, and tissue samples by high–performance liquid chromatography with electrochemical detection. Ito S, et al. **J Chromatogr** 1984 Nov 9;311(1):154–9

Simultaneous determination of 5–hydroxytryptophan and 3,4–dihydroxyphenylalanine in rat brain by HPLC with electrochemical detection following electrical stimulation of the dorsal raphe nucleus. Duda NJ, et al. **J Neurochem** 1985 Jan;44(1):128–33

Assay of dihydroxyphenylalanine (dopa) in invertebrate structural proteins. Waite JH, et al. **Methods Enzymol** 1984; 107:397–413

On the occurrence of cysteinyldopa and dopa in melanocytes and benign nevi cells. Falck B, et al. **Scand J Plast Reconstr Surg** 1976;10(3):185–8

BIOSYNTHESIS

Effect of apomorphine, alpha–methylparatyrosine, haloperidol and reserpine on DOPA production in clonal cell lines (PC–12 and N1E–115). Bräutigam M, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):941–7

Estimation of in vitro activity of tuberoinfundibular dopaminergic neurons by measurement of DOPA synthesis in the median eminence of hypothalamic slices. Arita J, et al. **Neuroendocrinology** 1984 Dec;39(6):524–9

Inhibition of tyrosine hydroxylation in rat striatal tissue slices by 1–methyl–4–phenylpyridinium ion. Hirata Y, et al. **Neurosci Lett** 1985 Jun 24;57(3):301–5

[Enzymatic synthesis of 3,4–dihydroxyphenyl–L–alanine by free and immobilized Citrobacter freundii cells] Voivodov KI, et al. **Prikl Biokhim Mikrobiol** 1985 Mar–Apr; 21(2):161–6 (Eng. Abstr.) **(Rus)**

BLOOD

Simultaneous assay of 3,4–dihydroxyphenylalanine, catecholamines and O–methylated metabolites in human plasma using high–performance liquid chromatography. Ishimitsu T, et al. **J Chromatogr** 1985 Feb 8;337(2):239–48

METABOLISM

The effect of ring–fluorination on the rate of O–methylation of dihydroxyphenylalanine (DOPA) by catechol–O–methyltransferase: significance in the development of 18F–PETT scanning agents. Creveling CR, et al. **Biochem Biophys Res Commun** 1985 Aug 15; 130(3):1123–31

Elevated dopa levels in cystic fibrosis [letter] Schöni MH, et al. **N Engl J Med** 1984 Nov 22;311(21):1380

Dyschromatosis symmetrica hereditaria—a histochemical and ultrastructural study. Sheu HM, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Feb;84(2):238–49

[Molecular mechanisms of the interaction of catecholamine with elements of cellular genomes (review)] Bozhko GKh. **Vopr Med Khim** 1984 Jul–Aug;30(4):12–7 (53 ref.) **(Rus)**

PHARMACODYNAMICS

Modification of dopa toxicity in human tumour cells. Parsons PG. **Biochem Pharmacol** 1985 May 15;34(10):1801–7

PHYSIOLOGY

Regulation of galactokinase gene expression in Tetrahymena thermophila. II. Identification of 3,4–dihydroxyphenylalanine as a primary effector of adrenergic control of galactokinase expression. Ness JC, et al. **J Biol Chem** 1985 Aug 25;260(18):10013–8

THERAPEUTIC USE

In vitro studies of 2,4–dihydroxyphenylalanine, a prodrug targeted against malignant melanoma cells. Morrison ME, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2960–4

URINE

[Effect of retabolyl on the dynamics of urinary catecholamine and DOPA excretion and electroneuromyographic indices in patients with Duchenne's myodystrophy] Badalian LO, et al. **Zh Nevropatol Psikhiatr** 1984;84(11):1630–5 (Eng. Abstr.) **(Rus)**

L–DOPA see **LEVODOPA**

DOPA DECARBOXYLASE see under **AROMATIC AMINO ACID DECARBOXYLASES**

DOPA OXIDASE see under **DIPHENOL OXIDASES**

DOPAMINE

Studies on the stability of 3H–dopamine, 3H–apomorphine and 3H–ADTN: effects of sodium ascorbate and EDTA. Cabbat FS, et al. **Res Commun Chem Pathol Pharmacol** 1985 Mar;47(3):333–43

ADMINISTRATION & DOSAGE

Hepatic injury: a possible complication of dopamine infusion through an inappropriately placed umbilical vein catheter. Venkataraman PS, et al. **Am J Perinatol** 1984 Jul;1(4):351–4

Effect of low–dose dopamine infusion on prolactin and thyrotropin secretion in preterm infants with hyaline membrane disease. Seri I, et al. **Biol Neonate** 1985; 47(6):317–22

Comparative systemic and renal effects of dopamine and angiotensin–converting enzyme inhibition with enalaprilat in patients with heart failure. Maskin CS, et al. **Circulation** 1985 Oct;72(4):846–52

Effects of central and peripheral administration of dopamine on pattern of intestinal motility in dogs. Fioramonti J, et al. **Dig Dis Sci** 1984 Nov;29(11):1023–7

Cardiopulmonary effects of dopamine hydrochloride in anaesthetised horses. Trim CM, et al. **Equine Vet J** 1985 Jan;17(1):41–4

Dopamine administration [letter] Bar ZG. **Intensive Care Med** 1984;10(5):268

[Combined high doses of dopamine and nitroprusside in the treatment of cardiogenic shock] Jakobsen CJ, et al. **Ugeskr Laeger** 1984 Aug 27;146(35):2628–9 (Eng. Abstr.) **(Dan)**

[Low–dose dopamine as an activator of renal catecholamine receptors of different classes. II. Studies in water–saline depletion and associated adrenergic blockade] Agnoli GC, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1949–54 (Eng. Abstr.) **(Ita)**

[Low–dose dopamine as an activator of renal catecholamine receptors of different classes. I. Studies in water–salt depletion] Agnoli GC, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1943–8 (Eng. Abstr.) **(Ita)**

[Our experience with the treatment of cardiogenic shock in recent myocardial infarction with dopamine and sodium nitroprusside] Korewicki J, et al. **Kardiol Pol** 1984; 27(5):345–51 (Eng. Abstr.) **(Pol)**

ADVERSE EFFECTS

Bilateral retinal infarction associated with high dose dopamine. Opremcak EM, et al. **Ann Ophthalmol** 1985 Feb; 17(2):141–4

Accidental dopamine in the eye. Strauss R. **West J Med** 1985 Mar;142(3):397–8

[Fixed mydriasis in hemorrhagic shock treated with dopamine] Longhi A, et al. **Minerva Anestesiol** 1984 Nov; 50(11):551–3 (Eng. Abstr.) **(Ita)**

ANALOGS & DERIVATIVES

Inhibition of ribonucleotide reductase by antitumor agents related to levodopa and dopamine. FitzGerald GB, et al. **Biochem Pharmacol** 1985 Feb 1;34(3):353–60

Potentiation by alpha–difluoromethylornithine of the activity of 3,4–dihydroxybenzylamine, a tyrosinase–dependent melanolytic agent, against B16 melanoma. Prakash NJ, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):1887–90

Purification and kinetic characterization of a dopamine–sulfating form of phenol sulfotransferase from human brain. Whittemore RM, et al. **Biochemistry** 1985 May 7;24(10):2477–82

Acute haemodynamic effects of ibopamine in patients with severe congestive heart failure. Ghirardi P, et al. **Br J Clin Pharmacol** 1985 May;19(5):613–8

The effects of dopexamine on the cardiovascular system of the dog. Brown RA, et al. **Br J Pharmacol** 1985 Jul; 85(3):609–19

Dopexamine: a novel agonist at peripheral dopamine receptors and beta 2–adrenoceptors. Brown RA, et al. **Br J Pharmacol** 1985 Jul;85(3):599–608

The formation of 3–hydroxy–4–methoxyphenylalanine and 3–hydroxy–4–methoxyphenethylamine in plasma during L–DOPA therapy in patients with Parkinson's disease. Ishimitsu T, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug; 32(8):3320–2

Hemodynamic advantage of combined administration of oral ibopamine and nitroprusside in patients with ischemic and idiopathic congestive cardiomyopathy. Dei Cas L, et al. **Clin Cardiol** 1985 Aug;8(8):427–32

Effects of methyldopa metabolites on amine transmitters and adrenergic receptors in rat brain. Louis WJ, et al.

Hypertension 1984 Sep-Oct;6(5 Pt 2):II40-4 (37 ref.)

Antihypertensive metabolites of alpha-methyldopa. Robertson D, et al. **Hypertension** 1984 Sep-Oct;6(5 Pt 2):II45-50 (32 ref.)

Analysis of the positive inotropic effect of ibopamine in the blood-perfused canine papillary muscle. Kawahara K, et al. **J Cardiovasc Pharmacol** 1985 Mar-Apr;7(2):316-20

The dopamine congener, ibopamine, in congestive heart failure. Ren JH, et al. **J Cardiovasc Pharmacol** 1984 Sep-Oct;6(5):748-55

Synthesis of 4-substituted 2H-naphth[1,2-b]-1,4-oxazines, a new class of dopamine agonists. Jones JH, et al. **J Med Chem** 1984 Dec;27(12):1607-13

C(2)-Methylation abolishes DA1 dopamine agonist activity of 2-amino-6,7-dihydroxy-1,2,3,4-tetrahydronaphthalene (6,7-ADTN): steric intolerance by the receptor. Nichols DE, et al. **J Med Chem** 1984 Dec;27(12):1701-5

Biochemical and functional evidence for a marked dopamine releasing action of N-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (NMPTP) in mouse brain. Pileblad E, et al. **J Neural Transm** 1984; 60(3-4):199-203

Dopamine sulfoconjugation in the rat brain: regulation by monoamine oxidase. Buu NT. **J Neurochem** 1985 Aug; 45(2):470-6

Dopamine D2 receptors in the anterior pituitary: a single population without reciprocal antagonist/agonist states. George SR, et al. **J Neurochem** 1985 Apr;44(4):1168-77

Comparison of the cardiovascular actions of dopamine and epinine in the dog. Itoh H, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):87-93

The bicuculline-like properties of dopamine sulfate in rat brain. Buu NT, et al. **Life Sci** 1984 Sep 3;35(10):1083-90

Demonstration of N-acetyldopamine in human kidney and urine. Elchisak MA, et al. **Life Sci** 1984 Dec 17; 35(25):2561-9

ANALYSIS

Brain dopamine and noradrenaline concentrations in reference to acquisition of conditioned avoidance behaviour in intact and orchectomized rats. Bikas N, et al. **Acta Endocrinol [Suppl] (Copenh)** 1984;265:9-11

In vitro measurement of dopamine concentration with carbon fiber electrode. Akiyama A, et al. **Anal Chem** 1985 Jul; 57(8):1518-22

Flow injection amperometric determination of ascorbic acid and dopamine at a sessile mercury drop electrode without deoxygenation. Fogg AG, et al. **Analyst** 1985 Apr; 110(4):341-3

Interactions of cholecystokinin and dopamine in the nucleus accumbens. Wang RY, et al. **Ann NY Acad Sci** 1985; 448:352-60

Effects of whole body vibration on biogenic amines in rat brain. Ariizumi M, et al. **Br J Ind Med** 1985 Feb;42(2):133-6

Evidence for crossed catecholaminergic nigrostriatal projections by combining wheat germ agglutinin-horseradish peroxidase retrograde transport and tyrosine hydroxylase immunocytochemistry. Consolazione A, et al. **Brain Res** 1985 Jul 8;338(1):140-3

Coexistence of dopamine and serotonin in an identified neuron of the lobster nervous system. Cournil I, et al. **Brain Res** 1984 Sep 24;310(2):397-400

The prefrontal 'cortex' in the pigeon. Biochemical evidence. Divac I, et al. **Brain Res** 1985 Apr 22;332(2):365-8

Dopamine D-2 receptors in rat caudate-putamen: the lateral to medial gradient does not correspond to dopaminergic innervation. Joyce JN, et al. **Brain Res** 1985 Jul 15; 338(2):209-18

Catecholamine topochemistry in human basal ganglia. Comparison between normal and Alzheimer brains. Nyberg P, et al. **Brain Res** 1985 Apr 29;333(1):139-42

On the origin of dopamine and its metabolite in predominantly noradrenergic innervated brain areas. Westerink BH, et al. **Brain Res** 1985 Mar 18;330(1):164-6

Ultrastructural localization of [3H]dopamine in neurons of leech (Haemopis sanguisuga) abdominal ganglia. Kai-Kai MA. **Comp Biochem Physiol [C]** 1984;78(2):363-7

Spatial distribution of visual pigment and dopamine in the bullfrog retina. Makino-Tasaka M, et al. **Exp Eye Res** 1985 Jun;40(6):767-78

The microanalysis of rat brain noradrenaline and dopamine by high performance liquid chromatography. Kajihara S, et al. **Hiroshima J Med Sci** 1984 Jun;33(2):259-63

Comparison of high-performance liquid chromatography with electrochemical detection and gas chromatography-mass fragmentography for the assay of salsolinol, dopamine and dopamine metabolites in food and beverage samples. Duncan MW, et al. **J Chromatogr** 1984 Dec 7;336(1):199-209

Determination of DOPA, dopamine, and 5-S-cysteinyl-DOPA in plasma, urine, and tissue samples by high-performance liquid chromatography with electrochemical detection. Ito S, et al. **J Chromatogr** 1984 Nov 9;311(1):154-9

Biochemical and functional evidence for a marked dopamine releasing action of N-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (NMPTP) in mouse brain. Pileblad E, et al. **J Neural Transm** 1984; 60(3-4):199-203

Dopamine, serotonin, and acid metabolites in brain regions from the developing offspring of ethanol-treated rats. Rathbun W, et al. **J Neurochem** 1985 Jan;44(1):57-62

Differential visualization of dopamine and norepinephrine uptake sites in rat brain using [3H]mazindol autoradiography. Javitch JA, et al. **J Neurosci** 1985 Jun; 5(6):1513-21

Behavioral differences between neonatal and adult 6-hydroxydopamine-treated rats to dopamine agonists: relevance to neurological symptoms in clinical syndromes with reduced brain dopamine. Breese GR, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):343-54

Electroacupuncture alters catecholamines in brain regions of rats. Sun AY, et al. **Neurochem Res** 1985 Feb;10(2):251-8

Decreased tuberoinfundibular and pituitary dopamine and dihydroxyphenylacetic acid concentrations in rats with estrogen-induced pituitary tumors. Di Paolo T, et al. **Neurosci Lett** 1985 Mar 15;54(2-3):251-6

Voltammetry in unanesthetized rat: increases of striatal dopamine turnover after unilateral haloperidol injection into the substantia nigra. Kato T, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):263-7

Determination of dopamine, norepinephrine, serotonin and their major metabolic products in rat brain by reverse-phase ion-pair high performance liquid chromatography with electrochemical detection. Kotake C, et al. **Pharmacol Biochem Behav** 1985 Jan;22(1):85-9

Drugs affecting brain dopamine interfere with the effect of Z-prolyl-D-leucine on morphine withdrawal. Kovács GL, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):345-8

Purification of a non-dopaminergic and non-GABAergic prolactin release-inhibiting factor (PIF) in sheep stalk-median eminence. Mizunuma H, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):114-20

Effects of amfonelic acid, alpha-methyltyrosine, Ro 4-1284 and haloperidol pretreatment on the depletion of striatal dopamine by 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine in mice. Fuller RW, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr;48(1):17-25

Cocaine blocks the dopamine depletion induced by MPTP. Mayer RA, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jul;49(1):145-8

[Changes of neurotransmitter levels in epilepsy, with special reference to kindling models] Sato M, et al. **Nippon Rinsho** 1984 Apr;42(4):880-4 **(Jpn)**

[Identification of dopaminergic vesicles in the electron-microscopic picture of the compact layer of the substantia nigra in the rat] Dydyk L, et al. **Neuropatol Pol** 1985;23(1):145-65 (Eng. Abstr.) **(Pol)**

[Level of dopamine in structures of the nigro-striatal and mesolimbic systems of the brain in experimental pathology of higher nervous activity in the rat] Saul'skaia NB. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):561-4 (Eng. Abstr.) **(Rus)**

[Cerebral dopamine in rats treated with psycho-sedative drugs and anesthetics] Lerdo de Tejada A, et al. **Gac Med Mex** 1984 Mar;120(3):113-5 **(Spa)**

ANTAGONISTS & INHIBITORS

Blockade of renal effects of dopamine in the dog by the DA1 antagonist SCH 23390. Frederickson ED, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F236-40

Ventilatory effects of domperidone, a new dopamine antagonist, in anaesthetized rabbits. Delpierre S, et al. **Arch Int Pharmacodyn Ther** 1985 May;275(1):47-58

Catecholamine-blocking drugs injected at sites of amine accumulation reverse catecholamine degeneration associated deficits. Willis GL, et al. **Behav Brain Res** 1985 Apr;15(2):101-6

Neurotransmitters and central regulation of adrenal functions. Sourkes TL. **Biol Psychiatry** 1985 Feb;20(2):182-91 (59 ref.)

SCH 23390, a selective D1 dopamine receptor blocker, enhances the firing rate of nigral dopaminergic neurons but fails to activate striatal tyrosine hydroxylase. Onali P, et al. **Brain Res** 1985 Aug 5;340(1):1-7

Electrophysiological manifestation of luteinizing hormone-releasing hormone pulse generator activity in the rhesus monkey: influence of alpha-adrenergic and dopaminergic blocking agents. Kaufman JM, et al. **Endocrinology** 1985 Apr;116(4):1327-33

Pergolide mesylate inhibits exercise-induced prolactin release in man. De Meirleir K, et al. **Fertil Steril** 1985 Apr; 43(4):628-31

Potential neuroleptic agents. 3. Chemistry and antidopaminergic properties of substituted 6-methoxysalicylamides. de Paulis T, et al. **J Med Chem** 1985 Sep;28(9):1263-9

Effects of dopamine antagonists on receptive fields of brisk cells and directionally selective cells in the rabbit retina. Jensen RJ, et al. **J Neurosci** 1984 Dec;4(12):2972-85

Pharmacology in vivo of the phenylindan derivative, Lu 19-005, a new potent inhibitor of dopamine, noradrenaline and 5-hydroxytryptamine uptake in rat brain. Arnt J, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr; 329(2):101-7

Effects of discriminant and non-discriminant dopamine antagonists on in vivo accumulation of 3H-N-propyl-norapomorphine in mouse striatum and tuberculum olfactorium. Gulat-Marnay C, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr; 329(2):117-22

Suppression of L-dopa-induced circling in rats with nigral lesions by blockade of central dopa-decarboxylase: implications for mechanism of action of L-dopa in parkinsonism. Melamed E, et al. **Neurology** 1984 Dec; 34(12):1566-70

Pharmacologic effects of L-dopa are not closely linked temporally to striatal dopamine concentration. Spencer SE, et al. **Neurology** 1984 Dec;34(12):1609-11

S(+)Apomorphines. Selective inhibition of excitatory effects of dopamine injected into the limbic system of the rat. Campbell A, et al. **Neuropharmacology** 1985 May; 24(5):391-9

Central dopamine receptors mediating pergolide-induced elevation of serum corticosterone in rats. Characterization by the use of antagonists. Fuller RW, et al. **Neuropharmacology** 1984 Dec;23(12A):1389-94

Blockade of dopamine-induced chemosensory inhibition by domperidone. Zapata P, et al. **Neurosci Lett** 1984 Oct 26; 51(3):359-64

Effect of dopamine agonists and fenfluramine on discriminative behavior in obese and lean Zucker rats. Schechter MD, et al. **Pharmacol Biochem Behav** 1985 Jul; 23(1):7-11

Dopamine blockade reverses the inhibition of prolactin which results from intrahypothalamic pituitary grafts. Averill RL. **Proc Soc Exp Biol Med** 1985 Apr;178(4):635-42

Neurotropic drugs and brain development: effects on cell replication in vivo and in vitro. Patel AJ. **Prog Clin Biol Res** 1985;163C:301-5

The effect of dopamine antagonists in spontaneous and tardive dyskinesia. Fog R. **Psychopharmacology [Suppl]** 1985;2:118-21

Inhibition of human neuroblastoma by dopamine antagonists. McGrath PC, et al. **Surgery** 1985 Aug;98(2):135-42

Interaction of dopamine agonists with disrupted mesolimbic pathways implications for mental health. Wray SR, et al. **West Indian Med J** 1984 Jun;33(2):106-16

[Effect of l-stepholidine on rotational behavior in rats] Shi WX, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec; 5(4):222-5 (Eng. Abstr.) **(Chi)**

[The effect of dopaminergic antagonists on plasma aldosterone in normal subjects and patients with hypopituitarism] Shikuma R, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Sep 20;60(9):1041-5 (Eng. Abstr.) **(Jpn)**

BIOSYNTHESIS

6R-L-erythro-5,6,7,8-tetrahydrobiopterin as a regulator of dopamine and serotonin biosynthesis in the rat brain. Miwa S, et al. **Arch Biochem Biophys** 1985 May 15;239(1):234-41

Dopamine autoreceptors and the effects of drugs on locomotion and dopamine synthesis. Brown F, et al. **Br J Pharmacol** 1985 Apr;84(4):853-60

In vitro dopamine biosynthesis in the median eminence of rat hypothalamic slices: possible involvement of a Na+-Ca2+ exchange mechanism. Arita J, et al. **Brain Res** 1985 Jul 15;338(2):384-6

Effects of low pH on synthesis and release of catecholamines in the cat carotid body in vitro. Rigual R, et al. **Brain Res** 1984 Aug 20;309(1):178-81

Dopamine production by isolated glomeruli and tubules from rat kidneys. Baines AD, et al. **Can J Physiol Pharmacol** 1985 Feb;63(2):155-8

Decreased vigilance and neurotransmitter synthesis after discontinuation of dietary treatment for phenylketonuria in adolescents. Lou HC, et al. **Eur J Pediatr** 1985 May; 144(1):17-20

(+)- and (-)-3-PPP exhibit different intrinsic activity at striatal dopamine autoreceptors controlling dopamine synthesis. Clark D, et al. **Eur J Pharmacol** 1984 Oct 30; 106(1):185-9

Striatal synaptosomal dopamine synthesis: evidence against direct regulation by an autoreceptor mechanism. Compton DR, et al. **Eur J Pharmacol** 1985 Apr 2;110(2):157-62

Inhibition of protein carboxylmethylation and dopamine autoreceptor functioning. Saller CF, et al. **Eur J Pharmacol** 1985 Apr 23;111(1):17-22

Reduced sensitivity of synaptosomal dopamine autoreceptors following increase in synaptosomal dopamine synthesis. Tissari AH. **Eur J Pharmacol** 1985 Mar 12;109(3):433-4

Dopamine biosynthesis at different stages of plant development in Papaver somniferum. Kamo KK, et al. **J Nat Prod** 1984 Jul-Aug;47(4):682-6

Methamphetamine-induced depression of monoamine synthesis in the rat: development of tolerance. Schmidt CJ, et al. **J Neurochem** 1985 Mar;44(3):852-5

Serotonin agonists reduce dopamine synthesis in the striatum only when the impulse flow of nigro-striatal neurons is intact. Spampinato U, et al. **J Neurochem** 1985 Sep; 45(3):980-2

Proximal tubule dopamine histofluorescence in renal slices incubated with L-dopa. Hagege J, et al. **Kidney Int** 1985 Jan;27(1):3-8

Partial lesions of the nigrostriatal pathway in the rat. Acceleration of transmitter synthesis and release of surviving dopaminergic neurones by drugs. Hefti F, et al. **Neuropharmacology** 1985 Jan;24(1):19-23

Activation of dopamine synthesis in mesolimbic dopamine neurons by immobilization stress in the rat. Watanabe H. **Neuropharmacology** 1984 Nov;23(11):1335-8

Dopaminergic activity is reduced in diabetic rats. Saller CF. **Neurosci Lett** 1984 Aug 31;49(3):301-6

[Prolactin in the alcohol withdrawal syndrome. Role of the dopaminergic system] Nardoni A, et al. **Minerva Med** 1984 Dec 15;75(47-48):2833-8 (Eng. Abstr.) **(Ita)**

[Developmental patterns of dopaminergic neurons in dissociated cultures of the substantia nigra from mouse embryos] Viktorov IV, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):729–31 (Eng. Abstr.) **(Rus)**

BLOOD

Orthostatic hypotension: a posture-induced hyperdopaminergic state. Kuchel O, et al. **Am J Med Sci** 1985 Jan;289(1):3–11

Altered interrelationship of dopamine, prolactin, thyrotropin and thyroid hormone in schizophrenic patients. Rao ML, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(1):8–12

Plasma catecholamine and blood lactate cumulation during incremental exhaustive exercise. Lehmann M, et al. **Int J Sports Med** 1985 Apr;6(2):78–81

Plasma catecholamines in rats during rewarming from induced hypothermia. Jones SB, et al. **J Appl Physiol** 1984 Sep;57(3):808–14

Free dopamine in dog plasma: lack of relationship with sympathoadrenal activity. Pequignot JM, et al. **J Appl Physiol** 1985 Mar;58(3):763–9

Levels of dopamine and thyrotrophin-releasing hormone in hypophysial stalk blood during an oestrogen-stimulated surge of prolactin in the ovariectomized rat. de Greef WJ, et al. **J Endocrinol** 1985 Apr;105(1):107–12

Circadian variation in plasma dopamine levels in man. Sowers JR, et al. **J Endocrinol Invest** 1984 Aug;7(4):341–5

Platelets and biogenic amines. 1. Platelets are poor investigative models for dopamine re-uptake. Malmgren R. **Psychopharmacology (Berlin)** 1984;84(4):480–5

Abnormal conjugated dopamine levels in patients with normoprolactinaemic amenorrhoea and in insulin-dependent diabetic patients. Hagen C, et al. **Scand J Clin Lab Invest** 1985 Sep;45(5):405–11

Dopamine discharge in orthostatic hypotension and paroxysmic hypertension; opposing aspects of dopamine action. Kuchel O, et al. **Trans Assoc Am Physicians** 1983; 96:31–7

[Conjugated plasma catecholamines are lower in power athletes at rest and in physical work than in untrained probands] Lehmann M, et al. **Klin Wochenschr** 1985 Jan 2;63(1):37–42 (Eng. Abstr.) **(Ger)**

[Influence of aging on the function of the sympathetic nervous system in healthy subjects—plasma norepinephrine, epinephrine and dopamine levels in rest and changes of posture] Hashisaki K, et al. **Kokyu To Junkan** 1984 Nov;32(11):1151–4 **(Jpn)**

CEREBROSPINAL FLUID

Determination of conjugated dopamine in cerebrospinal fluid from humans and non-human primates with high performance liquid chromatography using electrochemical detection. Scheinin M, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Aug;55(2):88–94

Liquid chromatographic assay for CSF catecholamines using electrochemical detection. Seppala T, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Aug;55(2):81–7

Decrease in dopamine, its metabolites and noradrenaline in cerebrospinal fluid of schizophrenic patients after withdrawal of long-term neuroleptic treatment. Bagdy G, et al. **Psychopharmacology (Berlin)** 1985;85(1):62–4

Dopamine and serotonin metabolites in rat cerebroventricular fluid following withdrawal of haloperidol or electroshock treatment. Barkai AI, et al. **Psychopharmacology (Berlin)** 1984;84(3):352–5

[The effects of cerebral ischemia on the level of metabolites of dopamine and serotonin in the rat cerebrospinal fluid] Ceballos I, et al. **J Pharmacol** 1984 Jul–Sep;15(3):319–30 (Eng. Abstr.) **(Fre)**

[Interaction between neuropeptides and monoamines—causing imbalance in physical diseases?] Widerlöv E. **Lakartidningen** 1984 Dec 26;81(52):4943–6 **(Swe)**

DEFICIENCY

The clinical syndrome of striatal dopamine deficiency. Parkinsonism induced by 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP). Burns RS, et al. **N Engl J Med** 1985 May 30; 312(22):1418–21

Does unilateral dopamine deficit contribute to depression? Barber J, et al. **Psychiatry Res** 1985 May;15(1):17–24

[Neuroendocrine correlations in the pathogenesis and pathology of Parkinson disease] Pinessi L, et al. **Minerva Med** 1984 Nov 3;75(42):2539–42 (Eng. Abstr.) **(Ita)**

[Characteristics of monoaminergic regulation in endocrine infertility] Koreneva GP, et al. **Akush Ginekol (Mosk)** 1984 Aug;(8):51–2 (Eng. Abstr.) **(Rus)**

DIAGNOSTIC USE

Dopamine: its potential for inducing ischemic left ventricular dysfunction. Wisenberg G, et al. **J Am Coll Cardiol** 1985 Jul;6(1):84–92

Twenty four-hour prolactin profiles and prolactin responses to dopamine in long distance running women. Chang FE, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):631–5

[Comparison between non-invasive indices and myocardial contractility] Malavasi A, et al. **Cardiologia** 1984 May–Jun; 29(5–6):301–10 (Eng. Abstr.) **(Ita)**

[Guidelines for the performance of pharmacologic tests in the diagnosis and evaluation of ischemic cardiopathy. II. Study Group for the Functional Evaluation and Rehabilitation of the Cardiopathy Patient] Galli M, et al. **G Ital Cardiol** 1984 Aug;14(8):627–31 **(Ita)**

IMMUNOLOGY

Preparation and characterization of antisera and monoclonal antibodies to serotonergic and dopaminergic ligands. Flurkey K, et al. **J Neuroimmunol** 1985 May;8(2–3):115–27

METABOLISM

Enhanced hypothalamic dopaminergic inhibition of LH, TSH and GH release in patients with pathological hyperprolactinaemia. Ho KY, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):289–96

Brain catecholamines in spontaneously hypertensive and DOCA-salt hypertensive rats. Fujino K. **Acta Med Okayama** 1984 Aug;38(4):325–40

Catecholamine microfluorometrv of nigral perikarya and tyrosine hydroxylase assay in some telencephalic structures of rats exposed to different behavioral situations. Divac I, et al. **Acta Neurobiol Exp (Warsz)** 1984;44(6):262–72

Brain neurotransmitters and neuropeptides in Parkinson's disease. Rinne UK, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(3):287–99

Differential effects of mecamylamine on the nicotine induced changes in amine levels and turnover in hypothalamic dopamine and noradrenaline nerve terminal systems and in the secretion of adenohypophyseal hormones in the castrated female rat. Evidence for involvement of cholinergic nicotine-like receptors. Anderson K, et al. **Acta Physiol Scand** 1984 Apr;120(4):489–98

Effects of acute intermittent exposure to cigarette smoke on catecholamine levels and turnover in various types of hypothalamic DA and NA nerve terminal systems as well as on the secretion of adenohypophyseal hormones and corticosterone. Andersson K, et al. **Acta Physiol Scand** 1985 Jun;124(2):277–85

Further studies on renal nerve stimulation induced release of noradrenaline and dopamine from the canine kidney in situ. Bradley T, et al. **Acta Physiol Scand** 1984 Nov; 122(3):369–79

Characteristics of dopamine and GABA transport in primary cultures of astroglial cells. Hansson E, et al. **Acta Physiol Scand** 1984 Aug;121(4):333–41

Growth hormone releasing factor (GRF) and dopamine coexist in hypothalamic arcuate neurons. Meister B, et al. **Acta Physiol Scand** 1985 May;124(1):133–6

Further studies on the effects of the GM1 ganglioside on the degenerative and regenerative features of mesostriatal dopamine neurons. Agnati LF, et al. **Acta Physiol Scand [Suppl]** 1984;532:37–44

Studies on aging processes. Agnati LF, et al. **Acta Physiol Scand [Suppl]** 1984;532:45–61

Computer-assisted morphometry and microdensitometry of transmitter- identified neurons with special reference to the mesostriatal dopamine pathway. Methodological aspects. Agnati LF, et al. **Acta Physiol Scand [Suppl]** 1984; 532:5–36

3H-dopamine clearance from the intravascular compartment of the maternal and fetal rhesus monkey. Phillippe M, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):599–601

Clearance of 3H-dopamine from the amniotic fluid in the rhesus monkey. Phillippe M, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):601–2

Brief decreases in dopamine result in surges of prolactin secretion in monkeys. Frawley LS, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):E778–80

Fast in vivo monitoring of dopamine release in the rat brain with differential pulse amperometry. Marcenac F, et al. **Anal Chem** 1985 Jul;57(8):1778–9

Physiologic and pharmacologic characterization of a novel group of substantia nigra zona reticulata neurons involved in striatal dopamine regulation. Chan SH. **Ann Acad Med Singapore** 1985 Jan;14(1):153–7

Mechanisms involved in the release of dopamine from the tuberoinfundibular system in vitro. Amoroso S, et al. **Ann Ist Super Sanita** 1984;20(1):109–11

In vivo sulfation of cholecystokinin octapeptide. Possible interactions of the two forms of cholecystokinin with dopamine in the brain. Penke B, et al. **Ann NY Acad Sci** 1985;448:293–305

Chemical intermediates in dopamine oxidation by tyrosinase, and kinetic studies of the process. Jimenez M, et al. **Arch Biochem Biophys** 1984 Dec;235(2):438–48

Evaluation of neurotropic drug actions on tyrosine hydroxylase activity and dopamine metabolism in clonal cell lines. Bräutigam M, et al. **Arzneimittelforsch** 1985; 35(1A):277–84

The influence of N-methyl-4-phenyl-1,2,3,6-tetrahydropyridine on the levels of dopamine, serotonin and their metabolites in the caudate nucleus of the rat. Russ H, et al. **Arzneimittelforsch** 1985;35(2):481–2

Change of catecholamine turnover in ovary during the rat estrous cycle. Nagahara Y, et al. **Asia Oceania J Obstet Gynaecol** 1985 Jun;11(2):261–4

Effects of high hydrostatic pressure on catecholamine contents in tissues of the eel acclimatized at two temperatures. Sebert P, et al. **Aviat Space Environ Med** 1984 Oct;55(10):931–4

Tetanus toxin affects the K+-stimulated release of catecholamines from nerve growth factor-treated PC12 cells. Figliomeni B, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):249–56

Dopamine microinjection into the nucleus accumbens: correlation between metabolism and behavior. Kalivas PW, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):284–6

Conversion of dopamine D1 receptors from high to low affinity for dopamine. Seeman P, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):151–4

Selective increase in dopamine metabolism in the prefrontal cortex by the anxiogenic beta-carboline FG 7142. Tam SY, et al. **Biochem Pharmacol** 1985 May 1;34(9):1595–8

On some mechanisms of antihypoxic actions of nootropic drugs. Fischer HD, et al. **Biomed Biochim Acta** 1984; 43(4):541–3

Changes of dopamine metabolism by hypoxia and effect of nootropic drugs. Funk KF, et al. **Biomed Biochim Acta** 1984;43(11):1301–4

Effect of chronic postnatal hypoxia on dopamine uptake by synaptosomes from striatum of adult rats. Ihle W, et al. **Biomed Biochim Acta** 1985;44(3):433–7

Release of endogenous dopamine from rat isolated striatum: effect of clorgyline and (–)-deprenyl. Hársing LG Jr, et al. **Br J Pharmacol** 1984 Nov;83(3):741–9

ECT, dopamine and delusions [letter] Cooper SJ, et al. **Br J Psychiatry** 1984 Nov;145:555

Differentiation of monoamine accumulating neuron systems in cultured chick retina: an immunohistochemical and fluorescence histochemical study. Araki M, et al. **Brain Res** 1984 Aug;317(2):229–37

Subchronic administration of GABAergic agonists elevates [3H]GABA binding and produces tolerance in striatal dopamine catabolism. Beart PM, et al. **Brain Res** 1985 May 27;335(1):169–73

Hyperinnervation of the striatum by dorsal raphe afferents after dopamine-depleting brain lesions in neonatal rats. Berger TW, et al. **Brain Res** 1985 Jun 17;336(2):354–8

Effects of inhibitors of Na+,K+-ATPase on the membrane potentials and neurotransmitter efflux in rat brain slices. Brosemer RW. **Brain Res** 1985 May 13;334(1):125–37

The dopaminergic innervation of the supraoptic and paraventricular nucleus. A light and electron microscopical study. Buijs RM, et al. **Brain Res** 1984 Dec 3;323(1):65–72

The formation of deaminated metabolites of dopamine in the locus coeruleus depends upon noradrenergic neuronal activity. Curet O, et al. **Brain Res** 1985 Jun 3; 335(2):297–301

Correlation of rates of calcium entry and endogenous dopamine release in mouse striatal synaptosomes. Leslie SW, et al. **Brain Res** 1985 Jan 28;325(1–2):99–105

Effects of estradiol and prolactin on incertohypothalamic dopaminergic neurons in the male rat. Lookingland KJ, et al. **Brain Res** 1984 Dec 3;323(1):83–91

Effects of D- and L-amphetamine on dopamine metabolism and ascorbic acid levels in nucleus accumbens and olfactory tubercle as studied by in vivo differential pulse voltammetry. Louilot A, et al. **Brain Res** 1985 Jun 17; 336(2):253–63

Dopamine-containing amacrine cells of rhesus monkey retina parallel rods in spatial distribution. Mariani AP, et al. **Brain Res** 1984 Nov 19;322(1):1–7

Effect of systemically administered caerulein on dopamine metabolism in rat brain. Matsumoto T, et al. **Brain Res** 1984 Dec 17;324(1):195–9

Simultaneous voltammetric and chemical monitoring of dopamine release in situ. Rice ME, et al. **Brain Res** 1985 Aug 5;340(1):151–5

Spatial distribution of dopamine, methotrexate and antipyrine during continuous intracerebral microperfusion. Sendelbeck SL, et al. **Brain Res** 1985 Mar 4;328(2):251–8

The distribution of monoaminergic cells and fibers in a periventricular preoptic nucleus involved in the control of gonadotropin release: immunohistochemical evidence for a dopaminergic sexual dimorphism. Simerly RB, et al. **Brain Res** 1985 Mar 18;330(1):55–64

Chronic hyperprolactinemia causes progressive changes in hypothalamic dopaminergic and noradrenergic neurons. Simpkins JW, et al. **Brain Res** 1984 Sep 10;309(2):277–82

Changes of serotonin and dopamine metabolism in various forebrain areas of rats injected with morphine either systemically or in the raphe nuclei dorsalis and medianus. Spampinato U, et al. **Brain Res** 1985 Feb 25;328(1):89–95

Specific lysis by 6-hydroxydopamine of catecholaminergic synaptosomes prepared from rat cerebrum. Suzuki T, et al. **Brain Res** 1984 Nov 12;321(2):374–6

Interaction of vasopressin with the nigro-striatal dopamine system: site and mechanism of action. van Heuven-Nolsen D, et al. **Brain Res** 1985 Jul 1;337(2):269–76

Pro-Leu-GlyNH2 affects dopamine and noradrenaline utilization in rat limbic-forebrain nuclei. van Heuven-Nolsen D, et al. **Brain Res** 1984 Nov 26; 322(2):213–8

Catecholamines and congenital pain insensitivity. Raw I, et al. **Braz J Med Biol Res** 1984;17(3–4):271–9

Estradiol increases dopamine turnover in intermediate and posterior pituitary lobes of ovariectomized rats. Saavedra JM, et al. **Cell Mol Neurobiol** 1984 Dec;4(4):397–402

Co-existence of immunoreactivity to anti-dopamine, anti-serotonin and anti-vasotocin in the cerebral giant neuron of the pond snail Lymnaea stagnalis. Boer HH, et al. **Cell Tissue Res** 1984;238(2):411-2

Ultrastructural identification of catecholaminergic fibers in the goldfish pituitary. A high-resolution radioautographic study after in vitro 3H-dopamine administration. Kah O, et al. **Cell Tissue Res** 1984;238(3):621-6

Immunohistochemical localization of dopamine in the brain of the insect Locusta migratoria migratorioides in comparison with the catecholamine distribution determined by the histofluorescence technique. Vieillemaringe J, et al. **Cell Tissue Res** 1984;237(2):391-4

Evidence for differing dopaminergic activity in childhood- or adult-onset obesity. Catania A, et al. **Clin Endocrinol (Oxf)** 1985 Jan;22(1):75-81

Basal ganglia and Parkinson's disease: neurobiological and pharmacological aspects in animals and man. Cools AR. **Clin Neurol Neurosurg** 1984;86(3):178-95

Effect of gonadectomy on brain catecholamines during the postnatal period. Leret ML, et al. **Comp Biochem Physiol [C]** 1985;81(2):405-9

Selective expression of high-affinity uptake of catecholamines by transiently catecholaminergic cells of the rat embryo: studies in vivo and in vitro. Jonakait GM, et al. **Dev Biol** 1985 Mar;108(1):6-17

Effects of 6-hydroxydopamine-induced catecholamine depletion on shock-precipitated wall climbing of infant rat pups. Emerich DF, et al. **Dev Psychobiol** 1985 May; 18(3):215-27

Strain differences in brain biogenic amines concentration in rats with different resistance to emotional stress. Sudakov KV, et al. **Endocrinol Exp (Bratisl)** 1985 Mar;19(1):39-45

Adenohypophysial dopamine content during physiological changes in prolactin secretion. Demarest KT, et al. **Endocrinology** 1984 Dec;115(6):2091-7

Adenohypophysial dopamine content and prolactin secretion in the aged male and female rat. Demarest KT, et al. **Endocrinology** 1985 Apr;116(4):1316-23

Rapid effects of hyperprolactinemia on basal prolactin secretion and dopamine turnover in the medial and lateral median eminence. Selmanoff M. **Endocrinology** 1985 May; 116(5):1943-52

[3H]GBR-12935: a specific high affinity ligand for labeling the dopamine transport complex. Berger P, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):289-90

Magnesium ions reveal nanomolar potency of dopamine at [3H]spiperone labelled D-2 receptors in rat corpus striatum. De Vries DJ, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):417-9

N-Acetyltryptamine antagonizes the melatonin-induced inhibition of [3H]dopamine release from retina. Dubocovich ML. **Eur J Pharmacol** 1984 Oct 1; 105(1-2):193-4

The effects of surgical and chemical lesions on striatal [3H]threo-(+/-)-methylphenidate binding: correlation with [3H]dopamine uptake. Janowsky A, et al. **Eur J Pharmacol** 1985 Jan 22;108(2):187-91

Phencyclidine-induced inhibition of rat prolactin secretion: increased portal blood dopamine. Meltzer HY, et al. **Eur J Pharmacol** 1985 Mar 26;110(1):143-6

Electrochemical, pharmacological and electrophysiological evidence of rapid dopamine release and removal in the rat caudate nucleus following electrical stimulation of the median forebrain bundle. Millar J, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):341-8

Chronic treatment with diisopropylfluorophosphate increases dopamine turnover in the striatum of the rat. Potter PE, et al. **Eur J Pharmacol** 1984 Nov 27;106(3):607-11

Role of the dopamine uptake carrier in the neurochemical response to methamphetamine: effects of amfonelic acid. Schmidt CJ, et al. **Eur J Pharmacol** 1985 Feb 12; 109(1):73-80

Reduction of dopamine uptake and cocaine binding in mouse striatum by N-methyl-4-phenyl-1,2,3,6-tetrahydropyridine. Sershen H, et al. **Eur J Pharmacol** 1984 Jun 15;102(1):175-8

Striatal dopamine after cortical injury. Boyeson MG, et al. **Exp Neurol** 1985 Aug;89(2):479-83

Evidence for an activating effect of tabernanthine on rat brain catec[illegible]ine synthesis and elimination. Prio[illegible]uyonneau M, et al. **Experientia** 1984 Dec 15; 40(1[illegible]388-9

Effect of mycotoxin (T-2 toxin) on catecholamine and Na+, K+-ATPase levels in rat epididymis. Singh US, et al. **Experientia** 1985 Mar 15;41(3):363-4

Amino acid neurotransmitters in the CNS: effect of thiopental. Pastuszko A, et al. **FEBS Lett** 1984 Nov 19; 177(2):249-54

Effect of carbaryl on catecholamines in brain regions. Ray SK, et al. **Indian J Exp Biol** 1984 Mar;22(3):141-4

Dopamine in manic depressive illness. A pharmacological synthesis. Silverstone T. **J Affective Disord** 1985 May-Jun; 8(3):225-31

Epinephrine, norepinephrine, and dopamine during a 4-day head-down bed rest. Pequignot JM, et al. **J Appl Physiol** 1985 Jan;58(1):157-63

Central opioid activity in polycystic ovary syndrome with and without dopaminergic modulation. Barnes RB, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):779-82

Erythrocyte catechol-O-methyltransferase, platelet monoamine oxidase, and platelet phenol sulfotransferase activities in patients with prolactin-secreting pituitary adenomas. Young WF Jr, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1207-10

Cytoarchitectonics of substantia nigra grafts: a light and electron microscopic study of immunocytochemically identified dopaminergic neurons and fibrous astrocytes. Jaeger CB. **J Comp Neurol** 1985 Jan 1;231(1):121-35

Patterns of muscarinic cholinergic binding in the striatum and their relation to dopamine islands and striosomes. Nastuk MA, et al. **J Comp Neurol** 1985 Jul 8;237(2):176-94

Catecholamine- and indoleamine-containing neurons in the turtle retina. Witkovsky P, et al. **J Comp Neurol** 1984 Sep 10;228(2):217-25

Dopamine enters lactotrophs and reaches their secretory granules. Gallardo MG, et al. **J Endocrinol** 1985 Jan; 104(1):23-8

6,7-Dihydroxy-3-chromanamine: synthesis and pharmacological activity of an oxygen isostere of the dopamine agonist 6,7-dihydroxy-2-aminotetralin. Horn AS, et al. **J Med Chem** 1984 Oct;27(10):1340-3

Dopaminergic properties of mesulergine (CU 32-085) and its metabolites. Enz A, et al. **J Neural Transm** 1984; 60(3-4):225-38

Antipsychotic treatment with alpha-methyltyrosine in combination with thioridazine: prolactin response and interaction with dopaminergic precursor pools. Larsson M, et al. **J Neural Transm** 1984;60(2):115-32

Guinea pig striatum as a model of human dopamine deamination: the role of monoamine oxidase isozyme ratio, localization, and affinity for substrate in synaptic dopamine metabolism. Azzaro AJ, et al. **J Neurochem** 1985 Sep; 45(3):949-56

Regulation of dopamine release from PC12 pheochromocytoma cell cultures during stimulation with elevated potassium or carbachol. Baizer L, et al. **J Neurochem** 1985 Feb;44(2):495-501

1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine: correspondence of its binding sites to monoamine oxidase in rat brain, and inhibition of dopamine oxidative deamination in vivo and in vitro. Bocchetta A, et al. **J Neurochem** 1985 Sep;45(3):673-6

Dopamine sulfoconjugation in the rat brain: regulation by monoamine oxidase. Buu NT. **J Neurochem** 1985 Aug; 45(2):470-6

Metabolism of catecholamines in the developing spinal cord of the rat. Commissiong JW. **J Neurochem** 1985 Apr; 44(4):1060-8

3,4-Dihydroxyphenylethylamine and 5-hydroxytryptamine metabolism in the rat: acidic metabolites in cisternal cerebrospinal fluid before and after giving probenecid. Curzon G, et al. **J Neurochem** 1985 Aug;45(2):508-13

Effect of the cerebral tryptaminergic system on the turnover of dopamine in the striatum of the rat. Fuenmayor LD, et al. **J Neurochem** 1985 Mar;44(3):670-4

Neurochemical and histochemical characterization of neurotoxic effects of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine on brain catecholamine neurones in the mouse. Hallman H, et al. **J Neurochem** 1985 Jan;44(1):117-27

Effects of 1-methyl-4-phenyl-1,2,5,6-tetrahydropyridine and related compounds on the uptake of [3H]3,4-dihydroxyphenylethylamine and [3H]5-hydroxytryptamine in neostriatal synaptosomal preparations. Heikkila RE, et al. **J Neurochem** 1985 Jan; 44(1):310-3

Neurochemical profile of Lu 19-005, a potent inhibitor of uptake of dopamine, noradrenaline, and serotonin. Hyttel J, et al. **J Neurochem** 1985 May;44(5):1615-22

Evidence that [3H]dopamine is taken up and released from nondopaminergic nerve terminals in the rat substantia nigra in vitro. Kelly E, et al. **J Neurochem** 1985 Jul;45(1):137-44

Dopamine uptake is differentially regulated in rat striatum and nucleus accumbens. Missale C, et al. **J Neurochem** 1985 Jul;45(1):51-6

Expression of A1 adenosine receptors modulating dopamine-dependent cyclic AMP accumulation in the chick embryo retina. Paes de Carvalho R, et al. **J Neurochem** 1985 Mar;44(3):845-51

Further studies on the nature of postsynaptic dopamine uptake and metabolism in rat striatum: sodium dependency and investigation of a possible role for carrier-mediated uptake into serotonin neurons. Schoepp DD, et al. **J Neurochem** 1985 Jun;44(6):1747-52

[3H]Threo-(+/-)-methylphenidate binding to 3,4-dihydroxyphenylethylamine uptake sites in corpus striatum: correlation with the stimulant properties of ritalinic acid esters. Schweri MM, et al. **J Neurochem** 1985 Oct;45(4):1062-70

Association of serotonin, dopamine, or noradrenaline with an actin-like component in pheochromocytoma (PC12) cells. Small DH, et al. **J Neurochem** 1985 Sep;45(3):825-31

Effects of African trypanosomiasis on brain levels of dopamine, serotonin, 5-hydroxyindoleacetic acid, and homovanillic acid in the rabbit. Stibbs HH. **J Neurochem** 1984 Nov;43(5):1253-6

Striatal dopamine distribution in parkinsonian patients during life. Nahmias C, et al. **J Neurol Sci** 1985 Jul;69(3):223-30

Dopamine metabolism in the central nervous system after discontinuation of L-dopa therapy in patients with Parkinson disease. Ogasahara S, et al. **J Neurol Sci** 1984 Nov-Dec;66(2-3):151-63

Nerve growth factor treatment enhances nicotine-stimulated dopamine release and increases in cyclic adenosine 3':5'-monophosphate levels in PC12 cell cultures. Baizer L, et al. **J Neurosci** 1985 May;5(5):1176-9

Dopamine release and metabolism in awake rats after systemic neuroleptics as studied by trans-striatal dialysis. Imperato A, et al. **J Neurosci** 1985 Feb;5(2):297-306

The release of endogenous dopamine from rat striatum during incubation in vitro. Snape BM, et al. **J Neurosci Methods** 1985 Jun;14(1):53-64

The hydroxy-hexanydronaphthoxazines: a new group of very potent and selective dopamine agonists. Horn AS, et al. **J Pharm Pharmacol** 1984 Sep;36(9):639-40

Displacement of striatal 5-hydroxytryptamine by dopamine released from endogenous stores. Waldmeier PC. **J Pharm Pharmacol** 1985 Jan;37(1):58-60

Differential effects of xylamine on extracellular concentrations of norepinephrine and dopamine in rat central nervous system: an in vivo electrochemical study. Howard-Butcher S, et al. **J Pharmacol Exp Ther** 1985 Apr; 233(1):58-63

Amphetamine attenuates the stimulated release of dopamine in vivo. Kuhr WG, et al. **J Pharmacol Exp Ther** 1985 Feb; 232(2):388-94

Acute and subchronic effects of MJ-13859, a potential antipsychotic drug, on rat brain dopaminergic function. McMillen BA. **J Pharmacol Exp Ther** 1985 May; 233(2):369-75

Evidence for autoreceptor modulation of endogenous dopamine release from rabbit caudate nucleus in vitro. Parker EM, et al. **J Pharmacol Exp Ther** 1985 Feb; 232(2):492-500

A comparison between classes of drugs having phencyclidine-like behavioral properties on dopamine efflux in vitro and dopamine metabolism in vivo. Snell LD, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):261-9

Effects of delta and mu opiopeptides on the turnover and release of dopamine in rat striatum. Yonehara N, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):38-42

The effect of estrogen on monoamine systems in the fetal rat brain. Kaylor WM Jr, et al. **J Reprod Med** 1984 Jul; 29(7):489-92

PET scans 'relate clinical picture to more specific nerve function' [news] Ziporyn T. **JAMA** 1985 Feb 15; 253(7):943-5, 949

Study on the striatal dopamine availability in Parkinson's disease. Indo T. **Jpn J Med** 1984 Aug;23(3):228-36

A thyrotropin releasing hormone analog, DN-1417, increases endogenous dopamine release from slices of rat striatum and nucleus accumbens. Yamada S, et al. **Kurume Med J** 1983;30 Suppl:S29-35

Benztropine inhibits toxicity of MPTP in mice [letter] Bradbury AJ, et al. **Lancet** 1985 Jun 22;1(8443):1444-5

Day:night variations of melatonin, 5-hydroxyindole acetic acid, serotonin, serotonin N-acetyltransferase, tryptophan, norepinephrine and dopamine in the rabbit pineal gland. Brainard GC, et al. **Life Sci** 1984 Oct 8;35(15):1615-22

In vivo electrochemical studies of rat striatal dopamine and serotonin release after morphine. Broderick PA. **Life Sci** 1985 Jun 17;36(24):2269-75

Influence of selective, reversible inhibitors of monoamine oxidase on the prolonged depletion of striatal dopamine by 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine in mice. Fuller RW, et al. **Life Sci** 1985 Sep 23;37(12):1089-96

Central and peripheral catecholamine depletion by 1-methyl-4-phenyl-tetrahydropyridine (MPTP) in rodents. Fuller RW, et al. **Life Sci** 1985 Jan 21;36(3):243-7

Dopaminergic neurotoxicity of 1-methyl-4-phenyl-1,2,5,6-tetrahydropyridine (MPTP) in the mouse: relationships between monoamine oxidase, MPTP metabolism and neurotoxicity. Heikkila RE, et al. **Life Sci** 1985 Jan 21;36(3):231-6

Salsolinol and dopamine in rat medial basal hypothalamus after chronic ethanol exposure. Myers WD, et al. **Life Sci** 1985 Jan 28;36(4):309-14

Dopamine and norepinephrine in the alimentary tract changes after chemical sympathectomy and surgical vagotomy. Orloff LA, et al. **Life Sci** 1985 Apr 29;36(17):1625-31

1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) does not destroy nigrostriatal neurons in the scorbutic guinea pig. Perry TL, et al. **Life Sci** 1985 Apr 1; 36(13):1233-8

Dopamine-beta-hydroxylase inhibition acutely stimulates rats hypothalamic noradrenaline and dopamine neuronal activity as assessed from metabolic ratios and circulating glucose and ACTH responses. Smythe GA, et al. **Life Sci** 1985 Sep 2;37(9):841-7

The facilitation of dopaminergic activity in the aged brain by (-)deprenyl. A proposal for a strategy to improve the quality of life in senescence. Knoll J. **Mech Ageing Dev** 1985 May 13;30(2):109-22 (39 ref.)

Neurochemical studies on central dopamine neurons—regional characterization of dopamine turnover. Hallman H, et al. **Med Biol** 1984;62(3):198-209

Further characterization of substratum influence on PC12 cell shape and dopamine processing. Bethea CL, et al. **Mol Cell Endocrinol** 1985 Aug;42(1):59-72

Effect of extracellular matrix on PC 12 cell shape and dopamine processing. Bethea CL, et al. **Mol Cell Endocrinol** 1984 Oct;37(3):319-29

Distinctions between ligand-binding sites for [3H]dopamine and D2 dopaminergic receptors characterized with [3H]spiroperidol. Hancock AA, et al. **Mol Pharmacol** 1984 Nov;26(3):439-51

Interactions of dopaminergic agonists and antagonists with dopaminergic D3 binding sites in rat striatum. Evidence that [3H]dopamine can label a high affinity agonist-binding state of the D1 dopamine receptor. Leff SE, et al. **Mol Pharmacol** 1985 Feb;27(2):184–92

Very rapid turnover of dopamine in noradrenaline cell body regions. Andén NE, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 May; 329(3):258–63

Retardation of cerebral dopamine turnover after morphine withdrawal and its enhanced acceleration by acute morphine administration in rats. Attila LM, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep; 327(3):201–7

Effects of morphine on dopamine metebolism in rat striatum and limbic structures in relation to the activity of dopaminergic neurones. Moleman P, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep; 327(3):208–13

Amphetamine induced release of endogenous dopamine in vitro is not reduced following pretreatment with reserpine. Niddam R, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr; 329(2):123–7

Sodium dependent [3H]cocaine binding associated with dopamine uptake sites in the rat striatum and human putamen decrease after dopaminergic denervation and in Parkinsons disease. Schoemaker H, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 May; 329(3):227–35

Effects of 6-hydroxydopamine on dopamine and noradrenaline content in dog blood vessels and heart. Evidence for a noradrenaline-independent dopamine pool. Soares-da-Silva P, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 May; 329(3):253–7

Chlorimipramine, electroconvulsive shock and combination thereof: differential effects of chronic treatment on apomorphine-induced behaviours and on striatal and mesocortical dopamine turnover. Spyraki C, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr; 329(2):128–34

Influence of chronic inorganic lead exposure on regional dopamine and 5-hydroxytryptamine turnover in rat brain. Lasley SM, et al. **Neurochem Res** 1984 Dec;9(12):1675–88

The uptake of serotonin and dopamine by homogenates of frozen rat and human brain tissue. Stenström A, et al. **Neurochem Res** 1985 May;10(5):591–9

Differential regulation of tuberohypophysial dopaminergic neurons terminating in the intermediate lobe and in the neural lobe of the rat pituitary gland. Lookingland KJ, et al. **Neuroendocrinology** 1985 Feb;40(2):145–51

Circadian variations in the inhibition of dopamine release from adult and newborn rat hypothalamus by melatonin. Zisapel N, et al. **Neuroendocrinology** 1985 Feb;40(2):102–8

Microheterogeneity of brain dopamine in the experimental acute cerebral ischaemia. Ishikawa M, et al. **Neurol Res** 1984 Dec;6(4):155–8

Altered pharmacokinetics of L-dopa metabolism [letter] Melamed E, et al. **Neurology** 1985 Jun;35(6):939–41

Cytidine(5')diphosphocholine enhances the ability of haloperidol to increase dopamine metabolites in the striatum of the rat and to diminish stereotyped behavior induced by apomorphine. Agut J, et al. **Neuropharmacology** 1984 Dec;23(12A):1403–6

Activation of muscarinic receptors on striatal synaptosomes increases the release of endogenous dopamine. Bonanno G, et al. **Neuropharmacology** 1985 Mar;24(3):261–4

Intracerebroventricular administration of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) and its metabolite 1-methyl-4-phenylpyridinium ion (MPP+) decrease dopamine and increase acetylcholine in the mouse neostriatum. Cavalla D, et al. **Neuropharmacology** 1985 Jun;24(6):585–6

Effect of increments in the concentration of dopamine in the central nervous system on audiogenic seizures in DBA/2J mice. Dailey JW, et al. **Neuropharmacology** 1984 Sep;23(9):1019–24

Altered characteristics of [3H]dopamine release from superfused slices of corpus striatum obtained from rats receiving ethanol in vivo. Lynch MA, et al. **Neuropharmacology** 1985 Jun;24(6):479–85

Alterations in dopamine metabolism after chronic administration of haloperidol. Possible role of increased autoreceptor sensitivity. Saller CF, et al. **Neuropharmacology** 1985 Feb;24(2):123–9

Effect of naloxone on dopamine uptake and release in vitro in the striatum. Feigenbaum JJ, et al. **Neuropsychobiology** 1984;11(2):94–7

Evidence for the existence of putative dopamine-, adrenaline- and noradrenaline-containing vagal motor neurons in the brainstem of the rat. Kalia M, et al. **Neurosci Lett** 1984 Sep 7;50(1–3):57–62

A pre-positron emission tomography study of L-3,4-dihydroxy-[3H]phenylalanine distribution in the rat. Liskowsky DR, et al. **Neurosci Lett** 1985 Jan 21;53(2):161–7

In vivo voltammetric determination of the kinetics of dopamine metabolism in the rat. Michael AC, et al. **Neurosci Lett** 1985 May 23;56(3):365–9

1-Methyl-4-phenylpyridinium (MPP+) is toxic to mesencephalic dopamine neurons in culture. Mytilineou C, et al. **Neurosci Lett** 1985 Jun 4;57(1):19–24

Sodium-dependent, calmodulin-dependent transmitter release from synaptosomes. Sandoval ME, et al. **Neurosci Lett** 1985 May 23;56(3):271–7

Suckling decreases dopamine turnover in both medial and lateral aspects of the median eminence in the rat. Selmanoff M, et al. **Neurosci Lett** 1985 Jun 4;57(1):25–30

Striatal dopamine uptake in the rat: in vivo analysis by fast cyclic voltammetry. Stamford JA, et al. **Neurosci Lett** 1984 Sep 28;51(1):133–8

Selective neonatal depletion of dopamine has no effect on medial prefrontal cortex self-stimulation in the rat. Umemoto M, et al. **Neurosci Res** 1984 Oct;1(5):295–307

Alteration of dopamine metabolism in different brain regions of the rabbit by estradiol and tamoxifen. Baksi SN, et al. **Neuroscience** 1985 Apr;14(4):1053–9

Putative dopamine-containing cells in the retina of seven species demonstrated by tyrosine hydroxylase immunocytochemistry. Ballesta J, et al. **Neuroscience** 1984 Aug;12(4):1147–56

Correspondence between the dopamine islands and striosomes of the mammalian striatum. Graybiel AM. **Neuroscience** 1984 Dec;13(4):1157–87

Effect of haloperidol and sulpiride on dopamine metabolism in nucleus accumbens and olfactory tubercle: a study by in vivo voltammetry. Louilot A, et al. **Neuroscience** 1985 Mar;14(3):775–82

Detection of homovanillic acid in vivo using microcomputer-controlled voltammetry: simultaneous monitoring of rat motor activity and striatal dopamine release. O'Neill RD, et al. **Neuroscience** 1985 Mar; 14(3):753–63

Ultrastructural immunocytochemical study of the dopaminergic innervation of the rat lateral septum with anti-dopamine antibodies. Onteniente B, et al. **Neuroscience** 1984 Oct;13(2):385–93

Morphological evidence for a dopaminergic terminal field in the hippocampal formation of young and adult rat. Verney C, et al. **Neuroscience** 1985 Apr;14(4):1039–52

ACTH1-24 effects on d-amphetamine self-administration and the dynamics of brain dopamine in rats. Leccese AP, et al. **Peptides (Fayetteville)** 1984 Jul–Aug;5(4):659–64

The nigrostriatal system and aging. McNeill TH, et al. **Peptides (Fayetteville)** 1984;5 Suppl 1:263–8

alpha-MSH and Pro-Leu-Gly-NH2 (PLG; MIF-1): influence on dopamine (DA) uptake in crude synaptosomal preparations from rat mediobasal hypothalamus (MBH) and caudate putamen (CP). Torre E, et al. **Peptides (Fayetteville)** 1984 Jul–Aug;5(4):669–74

Effects of phencyclidine (PCP)-like drugs on turning behavior, 3H-dopamine uptake, and 3H-PCP binding. Johnson KM, et al. **Pharmacol Biochem Behav** 1985 May; 22(5):731–5

A comparative study of the effects of prostaglandins and d-amphetamine on the metabolism of 3H-dopamine continuously presented to rat brain in vivo. Nielsen JA, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):583–9

Suppression of male copulatory behavior by delta 9-THC is not dependent on changes in plasma testosterone or hypothalamic dopamine or serotonin content. Shrenker P, et al. **Pharmacol Biochem Behav** 1985 Mar;22(3):415–20

Caerulein peripheral injection: a study on the correlation with dopaminergic metabolism. Pasinetti G, et al. **Pharmacol Res Commun** 1984 Dec;16(12):1175–82

Effects of L-dopa-induced dopamine accumulation on 45Ca2+ efflux and insulin secretion in isolated rat islets. Ahrén B, et al. **Pharmacology** 1985;30(2):71–82

Immunohistochemical evidence for dopaminergic neurons in the rat superior cervical ganglion. Price J. **Proc R Soc Lond [Biol]** 1984 Sep 22;222(1228):357–62

The effects of administration of meta-tyramine and para-tyramine on dopamine and its metabolites in the rat striatum. McQuade PS, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4–6):705–9

Ciclindole and flucindole: novel tetrahydrocarbazolamine neuroleptics. Wood PL, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4–6):773–7

Destruction of dopamine in the nucleus accumbens selectively attenuates cocaine but not heroin self-administration in rats. Pettit HO, et al. **Psychopharmacology (Berlin)** 1984;84(2):167–73

Effects of diazepam on behavior and dopamine-containing substantia nigra units in freely moving cats. Trulson ME. **Psychopharmacology (Berlin)** 1984;84(1):91–5

Pharmacological properties of presynaptic dopamine receptor agonists. Carlsson A. **Psychopharmacology [Suppl]** 1985;2:31–8

Chemical and structural changes in the brain in patients with movement disorder. Cross AJ, et al. **Psychopharmacology [Suppl]** 1985;2:104–10

Induction and reversal of dopamine dyskinesia in rat, cat, and monkey. Lloyd KG, et al. **Psychopharmacology [Suppl]** 1985;2:200–10

Brain dopamine receptors in schizophrenia and tardive dyskinesia. Seeman P. **Psychopharmacology [Suppl]** 1985; 2:1–8

Production and excretion of dopamine by the isolated perfused rat kidney. Adam WR, et al. **Renal Physiol** 1985; 8(3):150–8

A comparison of in vivo and in vitro amphetamine on the synaptosomal uptake of dopamine in mouse striatum. Hadfield MG. **Res Commun Chem Pathol Pharmacol** 1985 May;48(2):183–8

Regional brain dopamine metabolism: a marker for the speed, direction, and posture of moving animals. Freed CR, et al. **Science** 1985 Jul 5;229(4708):62–5

Studies on interactions between striatal dopaminergic and cholinergic mechanisms in the early abstinence after chronic treatment with barbital in the rat. Persson SA, et al. **Subst Alcohol Actions Misuse** 1984;5(3):149–57

Chronic lead exposure differentially affects dopamine transport in rat striatum and nucleus accumbens. Missale C, et al. **Toxicology** 1984 Oct;33(1):81–90

[Activity of dopaminergic neurons of the substantia nigra: a functional significance?] Doudet D, et al. **C R Soc Biol (Paris)** 1984;178(3):292–7 (Eng. Abstr.) (Fre)

[Dopamine agonists in the therapy of parkinson syndrome] Kapfhammer HP, et al. **Nervenarzt** 1985 Feb;56(2):69–81 (Ger)

[Schizophrenia and neurotransmitters] Nagatsu T, et al. **Nippon Rinsho** 1984 Apr;42(4):891–901 (30 ref.) (Jpn)

[Parkinson's disease and neurotransmitters] Narabayashi H. **Nippon Rinsho** 1984 Apr;42(4):869–74 (Jpn)

[Striatal dopamine availability in Parkinson's disease—with reference to the wearing-off phenomenon] Iado T. **Rinsho Shinkeigaku** 1984 Oct;24(10):1008–16 (Eng. Abstr.) (Jpn)

[Catecholamine content of the rat brain at different stages of experimental alcoholism] Varkov AI, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):316–7 (Eng. Abstr.) (Rus)

[Presynaptic regulation of dopamine release by beta-phenylethylamine] Zharikova AD, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):574–6 (Eng. Abstr.) (Rus)

[Effect of opioid peptides and morphine on 3H-dopamine uptake and release in the neostriatum of the rat brain] Godukhin OV, et al. **Dokl Akad Nauk SSSR** 1984; 277(3):742–5 (Rus)

[Effect of dimethoxy dichloro vinyl phosphate and fluorostigmine on the cyclic nucleotide content and dopamine level in the brain nigrostriatal system] Golovko AI, et al. **Farmakol Toksikol** 1985 Mar–Apr;48(2):46–8 (Eng. Abstr.) (Rus)

[Effect of bromocryptin on the alcohol consumption and catecholamine level in the brain of rats undergoing long-term alcoholization] Stanishevskaia AV, et al. **Farmakol Toksikol** 1985 May–Jun;48(3):88–91 (Eng. Abstr.) (Rus)

[Fluorescence of dopaminergic terminals during elaboration of alimentary conditioned reflexes in the cat] Zhukova EM, et al. **Zh Vyssh Nerv Deiat** 1984 Jul–Aug;34(4):738–42 (Eng. Abstr.) (Rus)

[Changes in the metabolism of catecholamines in the central and peripheral nervous systems of rats 7, 15 and 30 days after termino-lateral portacaval anastomosis] López Sánchez ML, et al. **Rev Esp Enferm Apar Dig** 1984 Dec; 66(6):465–72 (Eng. Abstr.) (Spa)

PHARMACODYNAMICS

Does dopamine suppress stress-induced intestinal and renal vasoconstriction? Winsö O, et al. **Acta Anaesthesiol Scand** 1985 Jul;29(5):508–14

Effect of ovine corticotrophin releasing factor, bromocriptine, and dopamine on release of ACTH and beta-endorphin in a patient with Cushing's disease. Nakashima H, et al. **Acta Endocrinol (Copenh)** 1985 May; 109(1):7–12

Effect of angiotensin II, catecholamines and glucocorticoid on corticotropin releasing factor (CRF)-induced ACTH release in pituitary cell cultures. Murakami K, et al. **Acta Med Okayama** 1984 Aug;38(4):349–55

Dopamine effects on the oxygenation of human skeletal muscle. Fleckenstein W, et al. **Adv Exp Med Biol** 1984; 180:609–22

Age related differences in dopamine-stimulated adenylate cyclase sensitivity to 'in vivo' chronic ethanol treatment. Lucchi L, et al. **Alcohol** 1984 Jul–Aug;1(4):263–7

Dopamine receptors and hypertension. Physiologic and pharmacologic implications. Goldberg LI. **Am J Med** 1984 Oct 5;77(4A):37–44 (61 ref.)

Response of isolated renal arterioles to acetylcholine, dopamine, and bradykinin. Edwards RM. **Am J Physiol** 1985 Feb;248(2 Pt 2):F183–9

Thermal responses to central angiotensin II, SQ 20881, and dopamine infusions in sheep. Huang BS, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):R371–7

Central effects of angiotensin II and dopamine in sodium-depleted sheep. Huang BS, et al. **Am J Physiol** 1985 May;248(5 Pt 2):R541–8

Contribution of prostaglandins to dopamine actions in the pancreas of anesthetized dogs. Iwatsuki K, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G110–7

Hemodynamic responses in halothane-anesthetized horses given infusions of dopamine or dobutamine. Swanson CR, et al. **Am J Vet Res** 1985 Feb;46(2):365–70

Dopamine effect on bronchomotor tone in vivo. Michoud MC, et al. **Am Rev Respir Dis** 1984 Nov;130(5):755–8

The renal effects of dopamine [letter] Cramolini GM. **Anesthesiology** 1985 Jun;62(6):844

The diuretic properties of dopamine in patients after open-heart operation. Hilberman M, et al. **Anesthesiology** 1984 Nov;61(5):489–94

Renal effects of dopamine [editorial] Miller ED Jr.

Anesthesiology 1984 Nov;61(5):487–8

The influence of verapamil on dopamine's ability to augment cardiac output. Sturm JT. **Ann Emerg Med** 1985 Oct; 14(10):945–7

On the role of dopamine receptors in aldosterone secretion. Frisina N, et al. **Ann Endocrinol (Paris)** 1984;45(6):387–91

Effect of dopamine on the threshold of the voltage-dependent ionic channels in the rat brain. Bernardi G, et al. **Ann Ist Super Sanita** 1984;20(1):1–4

Cholecystokinin potentiation of dopamine–mediated behaviors in the nucleus accumbens. Crawley JN. **Ann NY Acad Sci** 1985;448:283–92

Evaluating prolactin response to dopamine agonists in schizophrenia. Methodological problems. Davis BM, et al. **Arch Gen Psychiatry** 1985 Mar;42(3):259–64

The effect of dopamine, apomorphine and piribedil on the mesenterial blood flow of the cat. György L, et al. **Arch Int Pharmacodyn Ther** 1985 May;275(1):22–32

The interaction between metoclopramide and dopaminergic agonists at the level of sympathetic ganglion. Tuncer M. **Arch Int Physiol Biochim** 1984 Oct;92(3):227–31

Behavioral thermoregulation, core temperature, and motor activity: simultaneous quantitative assessment in rats after dopamine and prostaglandin E1. Marques PR, et al. **Behav Neurosci** 1984 Oct;98(5):858–67

SCH 23390 may alter dopamine–mediated motor behaviour via striatal D–1 receptors. Boyce S, et al. **Biochem Pharmacol** 1985 May 15;34(10):1665–9

The effects of dopamine and dopamine agonists on the release of 3H–GABA and 3H–5HT from rat nigral slices. Kelly E, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2655–62

Effect of dopamine infusion on pulmonary gas exchange in lambs. Truog WE, et al. **Biol Neonate** 1984;46(5):220–8

Dopamine–stimulated fucosylation of brain proteins in vitro is not inhibited by puromycin. Lössner B, et al. **Biomed Biochim Acta** 1985;44(3):465–73

Dopamine stimulated glycosylation of brain proteins in vitro is inhibited only partially by dopamine receptor antagonists. Lössner B, et al. **Biomed Biochim Acta** 1984;43(6):775–87

Dopamine stimulated fucosylation of rat hippocampal proteins in vitro. A histoautoradiographic study. Pohle W, et al. **Biomed Biochim Acta** 1985;44(4):527–35

Pharmacological analysis of the responsiveness of guinea–pig lung parenchymal strip to dopamine. Cortijo J, et al. **Br J Pharmacol** 1984 Sep;83(1):161–7

Changes in carotid body amine levels and effects of dopamine on respiration in rats treated neonatally with capsaicin. McQueen DS, et al. **Br J Pharmacol** 1984 Dec;83(4):909–18

Rapid desensitization of presynaptic dopamine autoreceptors during exposure to exogenous dopamine. Arbilla S, et al. **Brain Res** 1985 Jun 24;337(1):11–7

Dopamine attenuates the effects of GABA on single unit activity in the globus pallidus. Bergstrom DA, et al. **Brain Res** 1984 Sep 17;310(1):23–33

Excitatory and inhibitory effects of dopamine on synaptic transmission in the rat olfactory cortex slice. Collins GG, et al. **Brain Res** 1985 May 6;333(2):237–45

Topographical analysis of nucleus accumbens sites at which cholecystokinin potentiates dopamine–induced hyperlocomotion in the rat. Crawley JN, et al. **Brain Res** 1985 Jun 3;335(2):337–41

Topographical organization of the dopamine–dependent adenylate cyclase of the chick embryo retina. de Mello MC, et al. **Brain Res** 1985 Feb 25;328(1):59–63

The effect of dopamine on glomus cell membranes in the rabbit. Goldman WF, et al. **Brain Res** 1984 Nov 12; 321(2):337–40

In vivo voltammetric and behavioural evidence for somatodendritic autoreceptor control of mesolimbic dopamine neurones. Maidment NT, et al. **Brain Res** 1985 Jul 15;338(2):317–25

Quantification of lesion–induced dopaminergic supersensitivity using the rotational model in the mouse. Mandel RJ, et al. **Brain Res** 1985 Mar 25;330(2):358–63

Dopamine–stimulated adenylate cyclase and tyrosine hydroxylase in diabetic rat retina. Northington FK, et al. **Brain Res** 1985 Jun 24;337(1):151–4

Potential changes of frog afferent terminals in response to dopamine. Ryan GP, et al. **Brain Res** 1985 Mar 4; 328(2):283–90

Dopamine increases potassium efflux in the rat parotid gland by stimulating noradrenaline release from sympathetic nerve endings. Sundström S, et al. **Brain Res** 1985 Jun 24; 337(1):155–8

The influence of dopamine on epileptiform burst activity in hippocampal pyramidal neurons. Suppes T, et al. **Brain Res** 1985 Feb 11;326(2):273–80

Dopamine inhibits the release of immunoreactive beta–endorphin from rat hypothalamus in vitro. Vermes I, et al. **Brain Res** 1985 Feb 4;326(1):41–6

Electrophysiological evidence for A10 dopamine autoreceptor subsensitivity following chronic D–amphetamine treatment. White FJ, et al. **Brain Res** 1984 Sep 10;309(2):283–92

Effects of mazindol on rat lateral hypothalamic neurons. Sikdar SK, et al. **Brain Res Bull** 1985 Jul;15(1):33–8

Effects of dopamine on the pulmonary circulation of the dog. Moraes–Silva MA, et al. **Braz J Med Biol Res** 1984; 17(1):75–82

Dopamine reverses cardiovascular depression of toxic doses of pentobarbitone in dogs. Roesch C, et al. **Can Anaesth Soc J** 1984 Nov;31(6):654–8

Modulation by dopamine of population spikes in area CA1 hippocampal neurons elicited by paired stimulus pulses. Gribkoff VK, et al. **Cell Mol Neurobiol** 1984 Jun; 4(2):177–83

Octopamine– and dopamine–sensitive adenylate cyclase in the brain of Locusta migratoria during its development. Hiripi L, et al. **Cell Mol Neurobiol** 1984 Sep;4(3):199–206

The effect of dopamine agonist therapy on large functionless pituitary tumours. Grossman A, et al. **Clin Endocrinol (Oxf)** 1985 May;22(5):679–86

Effect of secretagogues on pancreatic exocrine secretion in the monkey and the dog. Iwatsuki K, et al. **Clin Exp Pharmacol Physiol** 1985 Jan–Feb;12(1):67–72

The effect of dopamine on tracheal smooth muscle. Michoud MC, et al. **Clin Exp Pharmacol Physiol** 1985 Jan–Feb; 12(1):51–9

Dopamine control of prolactin secretion in multiple endocrine neoplasia type I. Dornan J, et al. **Clin Invest Med** 1984;7(3):161–4

Dopamine: receptors and clinical applications. Goldberg LI. **Clin Physiol Biochem** 1985;3(2–3):120–6 (33 ref.)

Dopamine reduces aldosterone and 18–hydroxycorticosterone response to angiotensin II in patients with essential low–renin hypertension and idiopathic hyperaldosteronism. Witzgall H, et al. **Clin Sci** 1985 Mar;68(3):291–9

Norepinephrine alone versus norepinephrine plus low–dose dopamine: enhanced renal blood flow with combination pressor therapy. Schaer GL, et al. **Crit Care Med** 1985 Jun;13(6):492–6

Effect of reduced glutathione on hemodynamic responses and plasma catecholamine levels during metabolic acidosis. Tajimi K, et al. **Crit Care Med** 1985 Mar;13(3):178–81

Studies on mechanism of retching and vomiting in dogs. Effect of peripheral dopamine blocker on myoelectric changes in antrum and upper small intestine. Lee KY, et al. **Dig Dis Sci** 1985 Jan;30(1):22–8

Effect of microelectrophoretically applied acetylcholine, noradrenaline, dopamine and serotonin on the discharge of paraventricular oxytocinergic neurones in the rat. Honda K, et al. **Endocrinol Jpn** 1985 Feb;32(1):127–33

Stimulation of somatostatin release in vitro by synthetic human growth hormone–releasing factor by a nondopaminergic mechanism. Aguila MC, et al. **Endocrinology** 1985 Aug;117(2):762–5

Characterization of dopamine and estrogen interaction on primate prolactin secretion with pituitary cells cultured on extracellular matrix and with pituitary stalk–transected monkeys. Bethea CL. **Endocrinology** 1985 Mar; 116(3):863–72

In vitro and in vivo antagonistic regulation by estradiol and progesterone of the rat pituitary domperidone binding sites: correlation with ovarian steroid regulation of the dopaminergic inhibition of prolactin secretion in vitro. Bression D, et al. **Endocrinology** 1985 May;116(5):1905–11

The acute secretory response to alterations in extracellular calcium concentration and dopamine in perifused bovine parathyroid cells. Brown EM, et al. **Endocrinology** 1985 Mar;116(3):1123–32

Stimulation of the adenosine 3',5'–monophosphate and the Ca2+ messenger systems together reverse dopaminergic inhibition of prolactin release. Delbeke D, et al. **Endocrinology** 1985 Aug;117(2):439–46

The electrical properties of isolated human prolactin–secreting adenoma cells and their modification by dopamine. Israel JM, et al. **Endocrinology** 1985 Oct; 117(4):1448–55

Dopamine decreases 7315a tumor cell prolactin release induced by calcium mobilization. Judd AM, et al. **Endocrinology** 1985 Sep;117(3):1215–21

Prolactin metabolic clearance and resistance to dopaminergic suppression in acute uremia. McKenna TM, et al. **Endocrinology** 1985 May;116(5):2003–7

The effect of dopamine on muscle PO2 in healthy volunteers and intensive care patients. Kersting T, et al. **Eur J Anaesthesiol** 1985 Jun;2(2):143–53

Effects of dopamine and dobutamine on the distribution of pulmonary blood flow during lobar ventilation hypoxia and lobar collapse in dogs. McFarlane PA, et al. **Eur J Clin Invest** 1985 Apr;15(2):53–9

The effect of dopamine administration on the activity of the renin–angiotensin–aldosterone system in sick preterm infants. Sulyok E, et al. **Eur J Pediatr** 1985 Jan;143(3):191–3

Insulin suppressive effects of aminotetralin analogs and of dopamine. Blum JW. **Eur J Pharmacol** 1984 Oct 15; 105(3–4):239–44

Dopamine preferentially stimulates postsynaptic alpha 2–adrenoceptors in the femoral vascular bed, but alpha 1–adrenoceptors in the renal vascular bed of the anaesthetised dog. Duval N, et al. **Eur J Pharmacol** 1985 Feb 5;108(3):265–72

Increased sensitivity of rabbit carotid body chemoreceptors to dopamine after chronic treatment with domperidone. McQueen DS, et al. **Eur J Pharmacol** 1984 Sep 3; 104(1–2):39–46

Activation of adenylate cyclase by dopamine, GTP, NaF and forskolin in striatal membranes of neonatal, adult and senescent rats. Nomura Y, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):437–40

Systemic hemodynamic effects of dopamine, (+/–)–dobutamine and the (+)–and (–)–enantiomers of dobutamine in anesthetized normotensive rats. Ruffolo RR Jr, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):173–81

Differences in dopamine– and noradrenaline–induced amylase release from the rat parotid gland. Sundström S, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):355–61

Lack of response in the release of oxytocin and vasopressin from isolated neurohypophyses to dopamine, met–enkephalin and leu–enkephalin. Pitzel L, et al. **Exp Brain Res** 1984;56(2):221–6

Responsiveness of intermediate lobe cells to neural mediators in culture. Fazekas I, et al. **Exp Clin Endocrinol** 1984 Dec; 84(3):338–45

Schistosoma mansoni: differences in acetylcholine, dopamine, and serotonin control of circular and longitudinal parasite muscles. Pax RA, et al. **Exp Parasitol** 1984 Dec; 58(3):314–24

The influence of gonadal steroids on the dopamine inhibitory effect on gonadotropin release in men. Foresta C, et al. **Fertil Steril** 1984 Dec;42(6):942–5

Comparative studies of cardiovascular effects of a new dopamine agonist (SK&F 38393A) and dopamine. Tsai CS, et al. **Gen Pharmacol** 1985;16(2):85–9

Catecholamines and pituitary function. 2. Prolactin response to different dopamine doses in normal cycling women and patients with prolactin–secreting pituitary tumors, both before and after endogenous catecholamine synthesis inhibition. Nicoletti I, et al. **Horm Metab Res** 1984 Dec; 16(12):658–62

Catecholamines and pituitary function. III. Restoration of the prolactin response to thyrotropin–releasing hormone by low–dose dopamine infusion in women with pathological hyperprolactinemia. Nicoletti I, et al. **Horm Res** 1984;20(3):202–12

Dopamine receptors in a human colonic cancer cell line (HT29). Some receptor–related biological effects of dopamine. Scemama JL, et al. **Int J Cancer** 1984 Nov 15; 34(5):675–9

Relation of coronary blood flow and reactive hyperemia to regional dysfunction induced by dopamine infusion in dogs: limitations in detecting subcritical coronary stenoses. Hodgson JM, et al. **J Am Coll Cardiol** 1985 Mar;5(3):664–71

Regulation of pro–opiomelanocortin synthesis by dopamine and cAMP in the amphibian pituitary intermediate lobe. Loh YP, et al. **J Biol Chem** 1985 Jul 25;260(15):8956–63

Dopamine stimulated increase of GTP levels in the rat retina. Schaeffer JM, et al. **J Biol Chem** 1985 Apr 25;260(8):4555–7

Effect of dopamine and blockade of dopaminergic and adrenergic receptors on coronary blood flow in ischemic rabbit myocardium. Rosolowsky M, et al. **J Cardiovasc Pharmacol** 1985 Jul–Aug;7(4):700–8

Mechanism of the inhibitory action of dopamine and somatostatin on prolactin secretion from human lactotrophs in culture. Ishibashi M, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):599–606

Endocrine, renal, and hemodynamic responses to graded dopamine infusions in normal men. Levinson PD, et al. **J Clin Endocrinol Metab** 1985 May;60(5):821–6

In vitro studies on TSH secretion and adenylate cyclase activity in a human TSH–secreting pituitary adenoma. Effects of somatostatin and dopamine. Spada A, et al. **J Endocrinol Invest** 1985 Jun;8(3):193–8

Dopamine inhibits forskolin– and 3–isobutyl–1–methylxanthine–induced dark–adaptive retinomotor movements in isolated teleost retinas. Dearry A, et al. **J Neurochem** 1985 Jun;44(6):1753–63

Dopamine inhibits calcium–independent gamma–[3H]aminobutyric acid release induced by kainate and high K+ in the fish retina. Kato S, et al. **J Neurochem** 1985 Mar;44(3):893–9

Cholecystokinin potentiates dopamine–mediated behaviors: evidence for modulation specific to a site of coexistence. Crawley JN, et al. **J Neurosci** 1985 Aug;5(8):1972–83

Calmodulin stimulates adenylate cyclase activity and increases dopamine activation in bovine retina. Gnegy ME, et al. **J Neurosci** 1984 Nov;4(11):2712–7

Dopamine reduces slow outward current and calcium influx in burst–firing neuron R15 of Aplysia. Lewis DV, et al. **J Neurosci** 1984 Dec;4(12):3014–20

Two different mechanisms of calcium spike modulation by dopamine. Paupardin–Tritsch D, et al. **J Neurosci** 1985 Sep; 5(9):2522–32

Pharmacological properties of dopamine receptors in rat submandibular gland cells. Murakami H, et al. **J Nihon Univ Sch Dent** 1984 Dec;26(4):301–9

Influence of alpha– and beta–adrenergic antagonists on dopamine–induced responses in the isolated heart of Mercenaria mercenaria. Mann DE Jr, et al. **J Pharm Sci** 1984 Oct;73(10):1491–3

Neuronal and postjunctional components in the blood pressure effects of dopamine and bromocriptine in rabbits. Ensinger H, et al. **J Pharmacol Exp Ther** 1985 Sep; 234(3):681–90

In vivo cardiovascular responses to isoproterenol, dopamine and tyramine after prolonged infusion of isoproterenol. Hayes JS, et al. **J Pharmacol Exp Ther** 1984 Dec; 231(3):633–9

Comparison of the cardiovascular actions of dopamine and epinine in the dog. Itoh H, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):87–93

Dopamine regulation of [3H]acetylcholine release from guinea–pig stomach. Kusunoki M, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):713–9

Dopaminergic modulation of neuromuscular transmission in the prawn. Miller MW, et al. **J Physiol (Lond)** 1985 Jun; 363:363–75

Dopamine reduces the receptor binding activity and not the secretion rate of placental lactogen in vitro. Thordarson G, et al. **J Reprod Fertil** 1984 Nov;72(2):261–7

Low-dose dopamine preserves renal blood flow in endotoxin shocked dogs treated with ibuprofen. Fink MP, et al. **J Surg Res** 1985 Jun;38(6):582–91

Effects of dopamine on sinoatrial conduction in isolated, blood-perfused dog atria. Kobayashi M, et al. **Jpn Heart J** 1984 Sep;25(5):755–63

Evaluation of response to dopamine in idiopathic dilated cardiomyopathy by echocardiography and thallium-201 myocardial scintigraphy. Watanabe K, et al. **Jpn Heart J** 1985 May;26(3):379–89

Alpha adrenoceptor subtypes responsible for dopamine-induced mesenteric vein contraction. Toda N, et al. **Jpn J Pharmacol** 1984 Oct;36(2):253–5

Influence of dopamine, levodopa and apomorphine on maximal electroconvulsive seizure in the domestic fowl (Gallus domesticus). Wambebe C, et al. **Jpn J Pharmacol** 1984 Aug;35(4):339–46

Dopamine inhibition of anterior pituitary adenylate cyclase is mediated through the high-affinity state of the D2 receptor. Borgundvaag B, et al. **Life Sci** 1985 Jul 29; 37(4):379–86

Effects of dopamine and norepinephrine on in vitro spontaneous and gonadotropin-releasing hormone-induced gonadotropin release by dispersed cells or fragments of the goldfish pituitary. Chang JP, et al. **Life Sci** 1984 Nov 12; 35(20):2027–33

Influence of imidazole on behavioral effects induced by dopaminergic agonists in rats. Francesca F, et al. **Life Sci** 1985 Apr 8;36(14):1397–405

The effects of vasopressin and catecholamines on cyclic AMP in homogenates of rat brain. Hawthorn J, et al. **Life Sci** 1985 Feb 4;36(5):465–71

A method for stimulation of cyclic AMP levels in vivo by intracerebral injection in the rat olfactory tubercle. Shickley TJ, et al. **Life Sci** 1984 Dec 10;35(24):2421–6

Effect of dopamine, bombesin and cysteamine hydrochloride on plasma growth hormone response to synthetic growth hormone-releasing factor in rats. Wakabayashi I, et al. **Life Sci** 1985 Apr 15;36(15):1437–43

Hormonal inhibition of adenylate cyclase. A crucial role for Mg2+. Bockaert J, et al. **Mol Pharmacol** 1984 Sep; 26(2):180–6

D2-dopamine receptor-mediated inhibition of cyclic AMP formation in striatal neurons in primary culture. Weiss S, et al. **Mol Pharmacol** 1985 Jun;27(6):595–9

The mechanism of action of dopamine to inhibit field stimulation-induced contractions of guinea pig stomach strips. Costall B, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Dec; 328(2):174–9

Interactions of three inotropic agents, ASL-7022, dobutamine and dopamine, with alpha- and beta-adrenoceptors in vitro. Ruffolo RR Jr, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul; 326(4):317–26

Dopamine-induced physical barrier to inhibit prolactin release in mammotrophs disappears during resumption of prolactin secretion. Reifel CW, et al. **Neuroendocrinology** 1985 May;40(5):438–43

Inhibition and facilitation of motor responding of the mouse by actions of dopamine agonists in the forebrain. Bradbury AJ, et al. **Neuropharmacology** 1984 Sep;23(9):1025–31

The continuity of dopamine receptor antagonism can dictate the long-term behavioural consequences of a mesolimbic infusion of dopamine. Costall B, et al. **Neuropharmacology** 1985 Mar;24(3):193–7

Changes in dopamine sensitivity in isolated neurons of the preoptic region during the estrous cycle. Ignatkov VYa, et al. **Neurosci Behav Physiol** 1984 Sep–Oct;14(5):380–4

Dopamine-sensitive adenylate cyclase in rabbit portal vein. Amenta F. **Neurosci Lett** 1985 May 23;56(3):279–82

Age-associated decrease of dopamine-sensitive adenylate cyclase in rabbit renal artery. Amenta F, et al. **Neurosci Lett** 1984 Oct 26;51(3):309–13

Laminar distributions of neurons sensitive to acetylcholine, noradrenaline and dopamine in the dorsolateral prefrontal cortex of the monkey. Sawaguchi T, et al. **Neurosci Res** 1985 Apr;2(4):255–73

Responses of striatal neurons in the behaving monkey. 3. Effects of iontophoretically applied dopamine on normal responsiveness. Rolls ET, et al. **Neuroscience** 1984 Aug; 12(4):1201–12

Dopamine modulates CA1 hippocampal neurons by elevating the threshold for spike generation: an in vitro study. Stanzione P, et al. **Neuroscience** 1984 Dec;13(4):1105–16

Dopamine regulates synaptic transmission mediated by cholinergic neurons of the rat retina. Yeh HH, et al. **Neuroscience** 1984 Nov;13(3):901–9

The action of dopamine upon brown adipose tissue. Maxwell GM, et al. **Pediatr Res** 1985 Jan;19(1):60–3

Combined effects of vasoactive intestinal peptide and dopamine on adenylate cyclase in prolactin-secreting cells. Oliva D, et al. **Peptides (Fayetteville)** 1984 Nov–Dec; 5(6):1067–70

Interactions between enkephalin and dopamine in the control of locomotor activity in the rat: a new hypothesis. Agmo A, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):599–603

Locomotor response of nialamide pretreated old rats to intraaccumbens dopamine. Cousin KM, et al. **Pharmacol Biochem Behav** 1985 Mar;22(3):461–8

Rotation and postural deviation elicited by microinjections of dopamine into medial and lateral regions of dorsal striatum. Joyce JN, et al. **Pharmacol Biochem Behav** 1984 Dec;21(6):979–81

Effects of ovariectomy and estrogen replacement on intrastriatal dopamine-elicited postural deviation. Smith RL, et al. **Pharmacol Biochem Behav** 1985 May; 22(5):689–93

Characterization of the contractile activity of dopamine on the rat isolated seminal vesicle. Castelli M, et al. **Pharmacol Res Commun** 1985 Apr;17(4):351–9

Dopamine decreases conductance of the electrical junctions between cultured retinal horizontal cells. Lasater EM, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):3025–9

Dopamine agonist action in mesolimbic, cortical and extrapyramidal areas to modify spontaneous climbing behaviour of the mouse. Costall B, et al. **Psychopharmacology (Berlin)** 1985;86(4):452–7

Effect of dopamine and dopamine-receptor blockade on in vitro renin release, tissue renin content and tissue cyclic AMP content in the rat. López GA, et al. **Rev Esp Fisiol** 1985 Mar;41(1):95–100

Inhibitory effects of dopamine and isoprenaline on antral motor activity stimulated by acetylcholine or physostigmine in vitro. Ulvestad A, et al. **Scand J Gastroenterol** 1985 Mar;20(2):243–6

Responsiveness and receptive field size of carp horizontal cells are reduced by prolonged darkness and dopamine. Mangel SC, et al. **Science** 1985 Sep 13;229(4718):1107–9

Vasoactive agonists prevent erythrocyte extravasation in thrombocytopenic hamsters. Shepro D, et al. **Thromb Res** 1984 Aug 15;35(4):421–30

Effects of dopamine and substance P infusion on gastric acid secretion in Pavlov and Heidenhain pouched dogs. Ogoshi K, et al. **Tokai J Exp Clin Med** 1984 Aug;9(3):183–90

[Effect of dopamine on the rat stomach: an in vitro study] Lefebvre R. **Verh K Acad Geneeskd Belg** 1984;46(2):112–35 (Eng. Abstr.) **(Dut)**

[Dopamine and the chemoregulation of ventilation in the rat] Lagneaux D, et al. **Arch Int Physiol Biochim** 1984 Oct; 92(3):263–5 (Eng. Abstr.) **(Fre)**

[Comparative study of the vasoreactivity of isolated human cortical and juxtamedullary glomeruli using verapamil and dopamine] Martin-Dupont P, et al. **C R Acad Sci [III]** 1984; 299(7):199–204 (Eng. Abstr.) **(Fre)**

[Remarks on the work of F. Hartmann-Andersen and B. Juhl. Is the circulatory stimulating effect of dopamine independent of metabolic acidosis?] Rothe KF. **Anaesthesist** 1984 Oct;33(10):516–7 **(Ger)**

[Effects of dopamine, dobutamine and phenylephrine on the hepatic circulation and hepatic metabolism during halothane and non-halothane anesthesia] Matsumoto M, et al. **Masui** 1984 Aug;33(8):837–45 (Eng. Abstr.) **(Jpn)**

[The effect of dopamine on pulmonary circulation] Obara H, et al. **Masui** 1984 Jul;33(7):714–9 (Eng. Abstr.) **(Jpn)**

[Dopamine-induced up-regulation of alpha 2-adrenoceptors in crude synaptic membranes of rat brain] Kohno Y, et al. **Nippon Yakurigaku Zasshi** 1985 Mar;85(3):173–83 (Eng. Abstr.) **(Jpn)**

[Effect of dopamine on gonadotropin and prolactin secretion in patients with polycystic ovary syndrome] Baranowska B, et al. **Pol Tyg Lek** 1984 Jul 16–23;39(29–30):977–80 (Eng. Abstr.) **(Pol)**

[Cyclic AMP content of autonomic ganglia as affected by catecholamines] Kniazeva LA, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):348–9 (Eng. Abstr.) **(Rus)**

[Effect of dopamine and its combination with furosemide on urination in the rat] Berkhin EB. **Farmakol Toksikol** 1985 Mar–Apr;48(2):89–92 (Eng. Abstr.) **(Rus)**

[Participation of the dopamine-reactive system of the caudate nucleus in regulating instrumental conditioned reflexes of various degrees of complexity] Al'bertin SV. **Fiziol Zh SSSR** 1985 Jan;71(1):87–94 (Eng. Abstr.) **(Rus)**

[Effect of dopamine and met-enkephalin on the background and evoked spike activity of rat neostriatal neurons] Godukhin OV. **Fiziol Zh SSSR** 1984 Nov;70(11):1551–8 (Eng. Abstr.) **(Rus)**

[Role of the kallikrein-kinin system and prostaglandins in the action of dopamine on blood flow and sodium transport in the rat kidney] Kuz'min OB, et al. **Fiziol Zh SSSR** 1985 May;71(5):619–24 (Eng. Abstr.) **(Rus)**

[Action of noradrenaline and dopamine on the pacemaker cells of the normal rat sinus node and in pharmacological sympathectomy] Sutiagin PV, et al. **Kardiologiia** 1985 May; 25(5):88–93 (Eng. Abstr.) **(Rus)**

[Effect of haloperidol and pimozide on the cardiac action of dopamine in the isolated auricle] Laorden ML, et al. **Arch Farmacol Toxicol** 1984 Aug;10(2):107–14 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

The effect of neonatal treatment of mice with opioid and dopaminergic agents on the late responsiveness of vasa deferentia to opioids in vitro. Rónai AZ, et al. **Acta Biol Hung** 1984;35(1):43–7

The effect of lithium in vitro and in vivo on dopamine-sensitive adenylate cyclase activity in dopaminergic areas of the rat brain. Geisler A, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Jan;56(1):1–5

Chronic ethanol exposure alters dopaminergic signal transduction processes. Rius RA, et al. **Alcohol** 1985 Mar–Apr;2(2):245–8

Striatal neuronal responses to scrotal temperature changes and dopaminergic drugs. Lin MT, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):R108–12

Dopamine may be a neurohormone in rat adrenal cortex. McCarty R, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):E709–13

Enhanced depressor effect of bromocriptine in the DOCA/NaCl hypertensive rat. Nagahama S, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):H64–70

Blinking frequency and dopamine availability [letter] Ostow M. **Am J Psychiatry** 1985 Aug;142(8):994

Self-induced water intoxication and hyperdopaminergic state [letter] Shen WW, et al. **Am J Psychiatry** 1984 Oct; 141(10):1305–6

Opioids, dopamine, and restless legs syndrome [letter] Stoutermire B, et al. **Am J Psychiatry** 1985 May;142(5):662

Bromocriptine, a dopamine agonist, directly inhibits testosterone production by rat Leydig cells. Chambon M, et al. **Andrologia** 1985 Mar–Apr;17(2):172–7

Ethanol excites dopamine (DA) neurons and inhibits non-dopamine (non-DA) neurons in the Substantia nigra of rats. Mereu G, et al. **Ann Ist Super Sanita** 1984;20(1):11–5

Dopamine-rich transplants in rats with 6-OHDA lesions of the ventral tegmental area. I. Effects on spontaneous and drug-induced locomotor activity. Dunnett SB, et al. **Behav Brain Res** 1984 Jul;13(1):71–82

Effects of unilateral 6-hydroxydopamine lesions of the caudate-putamen on skilled forepaw use in the rat. Evenden JL, et al. **Behav Brain Res** 1984 Oct;14(1):61–8

Caudate nucleus and programming behaviour in cats: role of dopamine in switching motor patterns. Jaspers R, et al. **Behav Brain Res** 1984 Oct;14(1):17–28

Asymmetry in the effects of unilateral 6-OHDA lesions on eating and drinking evoked by hypothalamic stimulation. Mittleman G, et al. **Behav Brain Res** 1985 May;15(3):263–7

Binding characteristics of the dopamine uptake inhibitor [3H]nomifensine to striatal membranes. Dubocovich ML, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1137–44

Dopamine-mediated increases in nigral substance P-like immunoreactivity. Ritter JK, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3161–6

Amplitude and phase relations of electrocortical waves regulated by transhypothalamic dopaminergic neurones: a test for a linear theory. Wright JJ, et al. **Biol Cybern** 1984; 50(4):273–83

Postnatal ontogenesis of the dopaminergic innervation in the rat anterior cingulate cortex (area 24). Immunocytochemical and catecholamine fluorescence histochemical analysis. Berger B, et al. **Brain Res** 1985 Jul; 353(1):31–47

Association of the mesencephalic locomotor region with locomotor activity induced by injections of amphetamine into the nucleus accumbens. Brudzyński SM, et al. **Brain Res** 1985 May 13;334(1):77–84

Dopaminergic mechanisms in subthalamic nucleus of rat: analysis using horseradish peroxidase and microiontophoresis. Campbell GA, et al. **Brain Res** 1985 May 6;333(2):261–70

Involvement of nigrostriatal dopamine neurons in the contraversive rotational behavior evoked by electrical stimulation of the lateral hypothalamus. Castañeda E, et al. **Brain Res** 1985 Feb 18;327(1–2):143–51

Differentiation of the neural pathways mediating cortically induced and dopaminergic activation of the central pattern generator (CPG) for rhythmical jaw movements in the anesthetized guinea pig. Chandler SH, et al. **Brain Res** 1984 Dec 10;323(2):297–301

The hypothalamohypophyseal system in vitro: electrophysiology of the pars intermedia and evidence for both excitatory and inhibitory inputs. Davis MD, et al. **Brain Res** 1985 May 13;334(1):97–104

Locomotor behavior following kindling in three different brain sites. Ehlers CL, et al. **Brain Res** 1985 Feb 4; 326(1):71–9

Low doses of apomorphine elicit two opposing influences on dopamine cell electrophysiology. Grace AA, et al. **Brain Res** 1985 May 6;333(2):285–98

Opposing effects of striatonigral feedback pathways on midbrain dopamine cell activity. Grace AA, et al. **Brain Res** 1985 May 6;333(2):271–84

6-OHDA lesions of the ventral tegmental area block morphine-induced but not amphetamine-induced facilitation of self-stimulation. Hand TH, et al. **Brain Res** 1985 Mar 4;328(2):233–41

Excitatory input from sensory motor cortex to neostriatum and its modification by conditioning stimulation of the substantia nigra. Hirata K, et al. **Brain Res** 1984 Oct 29; 321(1):1–8

Inhibitory response of pallidal neurons to cortical stimulation and the influence of conditioning stimulation of substantia nigra. Hirata K, et al. **Brain Res** 1984 Oct 29;321(1):9–19

A catecholaminergic projection from the ventral tegmental area to the diagonal band of Broca: modulation by neurotensin. Kalivas PW, et al. **Brain Res** 1985 Feb 11; 326(2):229–38

Nigral dopaminergic neurons: differential sensitivity to apomorphine following long-term treatment with low and high doses of amphetamine. Kamata K, et al. **Brain Res** 1984 Oct 29;321(1):147–50

Effect of nomifensine on the toxicity of 6–hydroxydopamine for mesotelencephalic dopamine neurons. Lees GJ, et al. **Brain Res** 1984 Aug 6;308(1):155–8

Tyrosine hydroxylase immunohistochemistry fails to demonstrate dopaminergic interplexiform cells in the turtle retina. Nguyen–Legros J, et al. **Brain Res** 1985 Jul 29; 339(2):323–8

Hypothalamic neurotransmitter function in experimentally induced hyperprolactinemia. Peñalva A, et al. **Brain Res** 1984 Dec 24;324(2):233–41

Neurotensin depolarizes substantia nigra dopamine neurones. Pinnock RD. **Brain Res** 1985 Jul 8;338(1):151–4

Possible interactions between dynorphin and dopaminergic systems in rat basal ganglia and substantia nigra. Quirion R, et al. **Brain Res** 1985 Apr 8;331(2):358–62

Comparative localization of neurotensin receptors on nigrostriatal and mesolimbic dopaminergic terminals. Quirion R, et al. **Brain Res** 1985 Feb 18;327(1–2):385–9

Lesion–induced DA supersensitivity in aging C57BL/6J mice. Randall PK. **Brain Res** 1984 Aug 13;308(2):333–6

Evidence for a dopaminergic innervation of the cat lateral habenula: its role in controlling serotonin transmission in the basal ganglia. Reisine TD, et al. **Brain Res** 1984 Aug 13;308(2):281–8

Dopamine depletion in a striatal subregion disrupts performance of a skilled motor task in the rat. Sabol KE, et al. **Brain Res** 1985 May 27;335(1):33–43

The effect of water–deprivation on locomotor activity in rats treated with 6–hydroxydopamine. Seiden LS, et al. **Brain Res** 1985 Jul 1;337(2):225–32

Reactive capacity: a sensitive behavioral marker of movement initiation and nigrostriatal dopamine function. Spirduso WW, et al. **Brain Res** 1985 May 27;335(1):45–54

Autoreceptor–mediated changes in dopaminergic terminal excitability: effects of increases in impulse flow. Tepper JM, et al. **Brain Res** 1984 Sep 10;309(2):309–16

Autoreceptor–mediated changes in dopaminergic terminal excitability: effects of striatal drug infusions. Tepper JM, et al. **Brain Res** 1984 Sep 10;309(2):317–33

Electrophysiological responses of neurones in the nucleus accumbens to hippocampal stimulation and the attenuation of the excitatory responses by the mesolimbic dopaminergic system. Yang CR, et al. **Brain Res** 1984 Dec 17;324(1):69–84

Ultrastructural morphology of dopaminergic nerve terminals and synapses in the striatum of the rat using tyrosine hydroxylase immunocytochemistry: a topographical study. Arluison M, et al. **Brain Res Bull** 1984 Aug;13(2):269–85

Effects of intranigral injections of dopamine agonists and antagonists, glycine, muscimol and N–methyl–D,L–aspartate on locomotor activity. Jackson EA, et al. **Brain Res Bull** 1984 Aug;13(2):309–17

delta–Opioid modulation of striatal dopaminergic activity in mice. Dua AK, et al. **Can J Neurol Sci** 1985 Feb;12(1):60–4

Schizophrenia: an amotivational syndrome in men. Lewine R. **Can J Psychiatry** 1985 Aug;30(5):316–8 (17 ref.)

Dopamine depletion and replacement. **Ciba Found Symp** 1984;107:216–24

The striatal mosaic and local control of dopamine. **Ciba Found Symp** 1984;107:177–82

Role of the thalamus in the bilateral regulation of dopaminergic and GABAergic neurons in the basal ganglia. Glowinski J, et al. **Ciba Found Symp** 1984;107:150–63

The interaction of trh and dopaminergic mechanisms in the regulation of stimulated prolactin release in man. Ho KY, et al. **Clin Endocrinol (Oxf)** 1985 Jul;23(1):7–16

Neuropeptide abnormalities suggest a dopaminergic basis for high blood pressure in the spontaneously hypertensive rat. Hutchinson JS, et al. **Clin Exp Hypertens [A]** 1984; 6(10–11):2055–8

Interrelationships between the renin–angiotensin–aldosterone system and sympathetic and dopaminergic activities in elderly subjects. Matsuda S. **Clin Exp Hypertens [A]** 1984; 6(8):1431–40

Evaluation of the central dopaminergic activity in gestational hyperprolactinaemia by means of the electroretinographic technique. De Luca Brunori I, et al. **Clin Exp Obstet Gynecol** 1985;12(1–2):13–5

Transplantation of dopamine–containing tissues to the central nervous system. Hoffer B, et al. **Clin Neurosurg** 1983; 31:404–16

Radial arm maze performance in rats following neonatal dopamine depletion. Pearson DE, et al. **Dev Psychobiol** 1984 Sep;17(5):505–17

Time course of induction of prolactin–secreting pituitary tumors with diethylstilbestrol in male rats: response of tuberoinfundibular dopaminergic neurons. Morgan WW, et al. **Endocrinology** 1985 Jan;116(1):17–24

Decline of tuberoinfundibular dopaminergic function resulting from chronic hyperprolactinemia in rats. Sarkar DK, et al. **Endocrinology** 1984 Oct;115(4):1269–74

A comparison of dopamine agonist action to inhibit locomotor activity and to induce stereotyped behaviour in the mouse. Bradbury AJ, et al. **Eur J Pharmacol** 1984 Oct 1;105(1–2):33–47

Inhibition of neuroleptic binding by human brain extracts—an effect of endogenous dopamine? Duchemin AM, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):253–8

Pharmacological changes in dopaminergic systems induced by long–term administration of amantadine. Gianutsos G, et al. **Eur J Pharmacol** 1985 Apr 16;110(3):357–61

Behavioral properties of GBR 12909, GBR 13069 and GBR 13098: specific inhibitors of dopamine uptake. Heikkila RE, et al. **Eur J Pharmacol** 1984 Aug 17;103(3–4):241–8

Uptake of MPP(+) by dopamine neurons explains selectivity of parkinsonism–inducing neurotoxin, MPTP. Javitch JA, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):455–6

The role of dopamine in the formation of gastric ulcers in rats. Sikirić P, et al. **Eur J Pharmacol** 1985 May 28; 112(1):127–8

A physiological role for dopamine as modulator of GABA effects in substantia nigra: supersensitivity in 6–hydroxydopamine–lesioned rats. Waszczak BL, et al. **Eur J Pharmacol** 1984 Oct 15;105(3–4):369–73

The increased opiate action of beta–endorphin in iron–deficient rats: the possible involvement of dopamine. Yehuda S, et al. **Eur J Pharmacol** 1984 Sep 17; 104(3–4):245–51

Evidence that inhibition of medial preoptic dopaminergic activity may be involved in the prepubertal desensitization to the negative oestrogen feedback in female rats. Gerber P, et al. **Exp Clin Endocrinol** 1984 Jul;84(1):7–12

Number of dopamine neurons predicts prolactin levels in two inbred mouse strains. Sved AF, et al. **Experientia** 1985 May 15;41(5):644–6

Modulation of striatal enkephalinergic neurons by antipsychotic drugs. Hong JS, et al. **Fed Proc** 1985 Jun; 44(9):2535–9

Serotonin but not dopamine is involved in the naloxone–induced luteinizing hormone release in man. Foresta C, et al. **Fertil Steril** 1985 Mar;43(3):447–50

Evidence for dopaminergic and serotonergic regulation of prolactin cell activity in the trout Salmo gairdneri. James VA, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):231–9

Effect of dopaminergic agents on the secretion of gastrointestinal immunoreactive glucagon in depancreatized dogs. Nakamura Y, et al. **Horm Metab Res** 1984 Sep;16(9):500–1

Naloxone does not interfere with the dopamine–induced decrease in gonadotropin secretion in women with polycystic ovarian disease. Paradisi R, et al. **Horm Metab Res** 1985 Jan;17(1):29–31

Prolactin as a marker of dopaminergic activity at different levels of thyroid function in man. Varela C, et al. **Horm Metab Res** 1984 Nov;16(11):598–601

Role of dopamine in the development of spontaneous hypertension. van den Buuse M, et al. **Hypertension** 1984 Nov–Dec;6(6 Pt 1):899–905

A study of dopaminergic mechanism in morphine induced Straub tail response. Jaju BP, et al. **Indian J Exp Biol** 1984 Aug;22(8):424–7

The effects of dopamine agonists on human cardiovascular and sympathetic nervous systems. Ziegler MG, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Apr;23(4):175–9

Dopamine modulation of active ion transport in rabbit corneal epithelium. Crosson CE, et al. **Invest Ophthalmol Vis Sci** 1984 Nov;25(11):1240–5

Neuropeptides in dopamine–containing regions of the brain. Albanese A, et al. **Ital J Neurol Sci** 1984 Dec;5(4):391–404 (176 ref.)

Low thyroxine levels in some hyperprolactinemic patients due to dopaminergic suppression of thyrotropin. Holdaway IM, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):608–13

Dopaminergic inhibition of prolactin release from pituitary glands of the domestic fowl incubated in vitro. Hall TR, et al. **J Endocrinol** 1984 Oct;103(1):63–9

Altered dopaminergic modulation of sympathetic nervous system activity in idiopathic edema. Catania RA, et al. **J Endocrinol Invest** 1984 Oct;7(5):461–6

Neuroendocrine correlates in elderly sexual behavior. Frajese G, et al. **J Endocrinol Invest** 1985;8 Suppl 2:17–21

Role of dopamine in the regulation of aldosterone and 18–hydroxycorticosterone secretion in man. Sowers JR, et al. **J Endocrinol Invest** 1984 Oct;7(5):473–9

Dopaminergic mediation of the natriuretic response to volume expansion. Krishna GG, et al. **J Lab Clin Med** 1985 Feb;105(2):214–8

Synthesis and central dopaminergic effects of N–(4,6–dimethyl–2–pyridinyl)benzamides. Bouhayat S, et al. **J Med Chem** 1985 May;28(5):555–9

Inhibition of the electrically evoked release of [3H]acetylcholine in rat striatal slices: an experimental model for drugs that enhance dopaminergic neurotransmission. Baud P, et al. **J Neurochem** 1985 Feb; 44(2):331–7

Alterations in the retinal dopaminergic neuronal system in rats with streptozotocin–induced diabetes. Nishimura C, et al. **J Neurochem** 1985 Aug;45(2):448–55

Tuberoinfundibular dopaminergic system and anterior pituitary dopamine receptor in Shy–Drager syndrome. Konagaya Y, et al. **J Neurol Sci** 1985 Jan;67(1):93–103

Cat retinal ganglion cell receptive–field alterations after 6–hydroxydopamine induced dopaminergic amacrine cell lesions. Maguire GW, et al. **J Neurophysiol** 1985 Jun; 53(6):1431–43

Possible mechanisms by which repeated clozapine administration differentially affects the activity of two subpopulations of midbrain dopamine neurons. Chiodo LA, et al. **J Neurosci** 1985 Sep;5(9):2539–44

Efferent synaptic connections of grafted dopaminergic neurons reinnervating the host neostriatum: a tyrosine hydroxylase immunocytochemical study. Freund TF, et al. **J Neurosci** 1985 Mar;5(3):603–16

The control of firing pattern in nigral dopamine neurons: single spike firing. Grace AA, et al. **J Neurosci** 1984 Nov; 4(11):2866–76

The control of firing pattern in nigral dopamine neurons: burst firing. Grace AA, et al. **J Neurosci** 1984 Nov; 4(11):2877–90

Decrease of gap junction permeability induced by dopamine and cyclic adenosine 3':5'–monophosphate in horizontal cells of turtle retina. Piccolino M, et al. **J Neurosci** 1984 Oct;4(10):2477–88

Effect of dopamine system activation on substantia nigra pars reticulata output neurons: variable single–unit responses in normal rats and inhibition in 6–hydroxydopamine–lesioned rats. Waszczak BL, et al. **J Neurosci** 1984 Sep;4(9):2369–75

Pergolide elevation of MHPG sulphate concentration in rat hypothalamus blocked by spiperone and mimicked by other dopamine agonists. Fuller RW, et al. **J Pharm Pharmacol** 1985 Apr;37(4):268–70

The dopaminergic system in the periphery. Schwartz J. **J Pharmacol** 1984 Oct–Dec;15(4):401–14 (58 ref.)

Role of dopamine in the neurotoxic effects of methamphetamine. Schmidt CJ, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):539–44

Further studies of dopamine metabolism and function in Tetrahymena. Gundersen RE, et al. **J Protozool** 1985 Feb; 32(1):25–31

A corticosteroid/dopamine hypothesis for psychotic depression and related states. Schatzberg AF, et al. **J Psychiatr Res** 1985;19(1):57–64

Modification of antinociceptive action of morphine by dopamine agonist and antagonist in mice. Kamata K, et al. **Jpn J Pharmacol** 1985 May;38(1):113–5

Dopaminergic modulation of the renal effect of arginine–vasopressin in water–loaded rats. Koyama S, et al. **Jpn J Pharmacol** 1985 May;38(1):25–30

Self–mutilation in Lesch–Nyhan disease is caused by dopaminergic denervation [letter] Goldstein M, et al. **Lancet** 1985 Feb 9;1(8424):338–9

Tolerance pattern to amphetamine anorexia after selective lesions in the hypothalamic dopaminergic projection. Bhakthavatsalam P, et al. **Life Sci** 1985 Aug 19;37(7):635–43

Parathyroid hormone responses to the dopaminergic agonist 2–amino–6,7–dihydroxy–1,2,3,4–tetrahydronaphthalene. Blum JW, et al. **Life Sci** 1984 Oct 1;35(14):1469–74

Dopaminergic and serotoninergic anorectics differentially antagonize insulin– and 2–DG–induced hyperphagia. Carruba MO, et al. **Life Sci** 1985 May 6;36(18):1739–49

Firing properties of substantia nigra dopaminergic neurons in freely moving rats. Freeman AS, et al. **Life Sci** 1985 May 20;36(20):1983–94

Central dopaminergic activity influences rats ability to exercise. Heyes MP, et al. **Life Sci** 1985 Feb 18;36(7):671–7

Lack of functional evidence for the involvement of sigma opiate receptors in the actions of the 3–PPP enantiomers on central dopaminergic systems: discrepancies between in vitro and in vivo observations. Hjorth S, et al. **Life Sci** 1985 Aug 19;37(7):673–84

Zetidoline, a novel neuroleptic, activates nigral dopaminergic neurons in rats. Mereu G, et al. **Life Sci** 1985 Feb 4; 36(5):459–64

Neuroleptic malignant syndrome and the opioid system. Sandyk R. **Med Hypotheses** 1985 Jun;17(2):133–7

Depletion of unilateral striatal dopamine impairs initiation of contralateral actions and not sensory attention. Carli M, et al. **Nature** 1985 Feb 21–27;313(6004):679–82

Protection against the dopaminergic neurotoxicity of 1–methyl–4–phenyl–1,2,5,6–tetrahydropyridine by monoamine oxidase inhibitors. Heikkila RE, et al. **Nature** 1984 Oct 4–10;311(5985):467–9

Mediation of slow–inhibitory postsynaptic potentials [letter] Libet B. **Nature** 1985 Jan 10–18;313(5998):161–2

An electrophysiological analysis of the actions of the 3–PPP enantiomers on the nigrostriatal dopamine system. Clark D, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jun; 329(4):344–54

Unexpected potentiation by discriminant benzamide derivatives of stereotyped behaviours elicited by dopamine agonists in mice. Vasse M, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr; 329(2):108–16

Estimation of in vitro activity of tuberoinfundibular dopaminergic neurons by measurement of DOPA synthesis in the median eminence of hypothalamic slices. Arita J, et al. **Neuroendocrinology** 1984 Dec;39(6):524–9

Does beta–endorphin modulate basal and dopamine–inhibited prolactin release by an action at the anterior pituitary? Cheung CY. **Neuroendocrinology** 1984 Dec;39(6):489–95

Hypoprolactinemia induced by hypophysectomy and long–term bromocriptine treatment decreases tuberoinfundibular dopaminergic neuronal activity and the responsiveness of these neurons to prolactin. Demarest KT, et al. **Neuroendocrinology** 1985 May;40(5):369–76

Long–term treatment with estradiol induces reversible alterations in tuberoinfundibular dopaminergic neurons: a decreased responsiveness to prolactin. Demarest KT, et al. **Neuroendocrinology** 1984 Sep;39(3):193–200

Studies on the central and peripheral dopaminergic control of PRL secretion in man: failure to demonstrate the existence of a dopamine–mediated prolactin–inhibiting factor. Ho KY, et al. **Neuroendocrinology** 1985 Jun; 40(6):457–62

Evidence that the dopaminergic incerto–hypothalamic tract has a stimulatory effect on ovulation and gonadotrophin release. MacKenzie FJ, et al. **Neuroendocrinology** 1984 Oct; 39(4):289–95

The role of central dopaminergic systems in the behavioral effects of H–Phe–Ile–Tyr–His–Ser–Tyr–Lys–OH. Vécsei L, et al. **Neuropeptides** 1985 Jun;6(3):183–90

Oxytocin and a C-terminal derivative (Z–prolyl–D–leucine) attenuate tolerance to and dependence on morphine and interact with dopaminergic neurotransmission in the mouse brain. Kovács GL, et al. **Neuropharmacology** 1985 May; 24(5):413–9

Intracerebroventricular administration of cholecystokinin inhibits the activity of the dopaminergic and serotoninergic systems of the brain. Vasar EE, et al. **Neurosci Behav Physiol** 1985 May–Jun;15(3):232–6

The role of noradrenaline in tuning and dopamine in switching between signals in the CNS. Oades RD. **Neurosci Biobehav Rev** 1985 Summer;9(2):261–82

Activity of dopamine–containing substantia nigra neurons in freely moving cats. Trulson ME. **Neurosci Biobehav Rev** 1985 Summer;9(2):283–97

The activity of pars compacta neurons of the monkey substantia nigra is depressed by apomorphine. Aebischer P, et al. **Neurosci Lett** 1984 Sep 7;50(1–3):25–9

Electrophysiological properties of single units in dopamine–rich mesencephalic transplants in rat brain. Arbuthnott G, et al. **Neurosci Lett** 1985 Jun 12;57(2):205–10

Ultrastructural relationships between serotonin and dopamine neurons in the rat arcuate nucleus and medial zona incerta: a combined radioautographic and immunocytochemical study. Bosler O, et al. **Neurosci Lett** 1984 Aug 10; 48(3):279–85

Lesions of ventral tegmental dopamine neurons delay the development of tolerance to morphine catalepsy. Hand TH, et al. **Neurosci Lett** 1985 Apr 19;55(3):367–70

Existence of dopaminergic neurons in the preoptic region of the goldfish. Kah O, et al. **Neurosci Lett** 1984 Aug 10; 48(3):293–8

Dopamine hyperpolarizes and reduces the light responses of rod ON–centre bipolar cells in the retina of the dogfish, Scyliorhinus canicula. Shiells RA, et al. **Neurosci Lett** 1985 Apr 19;55(3):331–6

Opposite effects of monosodium glutamate on the dopaminergic and GABAergic innervations of the median eminence and the intermediate lobe in the mouse. Stoeckel ME, et al. **Neurosci Lett** 1985 May 23;56(3):249–55

Substantia innominata: critical link in the behavioral expression of mesolimbic dopamine stimulation in the rat. Swerdlow NR, et al. **Neurosci Lett** 1984 Sep 7; 50(1–3):19–24

Blockade by frontocortical lesion of reciprocal regulation between the two nigrostriatal dopaminergic pathways. Leviel V, et al. **Neuroscience** 1984 Sep;13(1):53–9

Role of defective dopaminergic inhibition of prolactin secretion in the pathogenesis of prolactinoma. Vertosick FT Jr. **Neurosurgery** 1985 Feb;16(2):261–6

The effects of MIF–I, beta–endorphin and alpha–MSH on d–amphetamine induced paradoxical behavioral thermoregulation: possible involvement of the dopaminergic system. Yehuda S, et al. **Peptides (Fayetteville)** 1985 Mar–Apr;6(2):189–92

Involvement of dopamine in the aversive stimulus properties of cocaine in rats. Hunt T, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):945–8

Dopamine–mediated behaviors: characteristics of modulation by estrogen. Joyce JN, et al. **Pharmacol Biochem Behav** 1984 Nov;21(5):791–800

Central serotonin neurones in avoidance learning: interactions with noradrenaline and dopamine neurones. Ogren SO. **Pharmacol Biochem Behav** 1985 Jul;23(1):107–23

Alterations in the dopaminergic system and behaviour in rats reared on iodine–deficient diets. Overstreet DH, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):561–5

Circling behaviour induced by electrical stimulation of the medial forebrain bundle, importance of stimulus parameters and dopaminergic processes. van der Heyden JA. **Pharmacol Biochem Behav** 1984 Oct;21(4):567–74

Dopamine in the pituitary adaptation to starvation in man. Jung RT, et al. **Postgrad Med J** 1985 Jul;61(717):571–4

Central inhibitory action of TRH on prolactin secretion in the rat. Ohta H, et al. **Proc Soc Exp Biol Med** 1985 May; 179(1):9–12

The effects of dopaminergic denervation on Na+–K+ ATPase activity and 3H–ouabain binding in rat corpus striatum. Bjur RA, et al. **Proc West Pharmacol Soc** 1984; 27:35–8

Roles of dopamine and GABA in neurotoxicity of organophosphorus cholinesterase inhibitors. Ho IK, et al. **Proc West Pharmacol Soc** 1984;27:177–80

Effect of apomorphine, a dopamine receptor agonist, on penile tumescence in normal subjects. Lal S, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4–6):695–9

Cholecystokinin potentiates dopamine–mediated behaviors in the nucleus accumbens, a site of CCK–DA co–existence. Crawley JN. **Psychopharmacol Bull** 1985;21(3):523–7

Persistent effects of amphetamine, p–chloroamphetamine, and related compounds on central dopamine and serotonin neurons in rodents. Fuller RW. **Psychopharmacol Bull** 1985; 21(3):528–32

Relationship between sensorimotor neglect and the specificity, degree and locus of mesotelencephalic dopaminergic cell loss following 6–hydroxydopamine. Lees GJ, et al. **Psychopharmacology (Berlin)** 1985;85(1):115–22

Dopamine–sensitive alternation and collateral behaviour in a Y–maze: effects of d–amphetamine and haloperidol. Oades R, et al. **Psychopharmacology (Berlin)** 1985; 85(1):123–8

The behavioral and biochemical effects of lithium on dopaminergic agonist–induced supersensitivity. Rubin EH, et al. **Psychopharmacology (Berlin)** 1984;84(2):217–20

Chronic neuroleptic treatment and mesolimbic dopamine denervation induce behavioural supersensitivity to opiates. Stinus L, et al. **Psychopharmacology (Berlin)** 1985; 85(3):323–8

New aspects on the role of dopamine, acetylcholine, and GABA in the development of tardive dyskinesia. Scheel–Krüger J, et al. **Psychopharmacology [Suppl]** 1985; 2:46–57

Evidence for endogenous dopaminergic control of mineralocorticoids secretion in normal subjects and in patients with hyperaldosteronism. Shimizu Y, et al. **Tohoku J Exp Med** 1984 Sep;144(1):33–42

[Effect of dopaminergic pharmacological agents on thyrotropic hormone secretion by the hypophysis when stimulated with thyrotropin–releasing hormone] Boiadzhieva N, et al. **Eksp Med Morfol** 1985;24(1):29–32 (Eng. Abstr.) (Bul)

[Activity of dopaminergic neurons of the substantia nigra following lesions of the neostriatum by kainic acid] Doudet D, et al. **C R Soc Biol (Paris)** 1984;178(3):298–306 (Eng. Abstr.) (Fre)

[Dopaminergic sensitivity after ethanol pretreatment and its relation to alcohol preference] Westermann KH, et al. **Biomed Biochim Acta** 1984;43(4):517–21 (Eng. Abstr.) (Ger)

[Dopamine sensitivity of brain–induced behavior after repeated administration of dopamine agonists and antagonists] Westermann KH, et al. **Biomed Biochim Acta** 1984,43(7):1027–32 (Eng. Abstr.) (Ger)

[Dopamine in the kidney: a further natriuretic hormone?] Unger T, et al. **Fortschr Med** 1985 Apr 11;103(14):357–60 (Eng. Abstr.) (Ger)

[The life history of brain dopamine] Hornykiewicz O. **Wien Klin Wochenschr** 1985 Apr 12;97(8):350–4 (34 ref.) (Eng. Abstr.) (Ger)

[Dopaminergic disequilibria in hemicrania] Boccuni M, et al. **Acta Neurol (Napoli)** 1985 Apr;7(2):135–53 (51 ref.) (Eng. Abstr.) (Ita)

[TRH and its analog (DN–1417). Effects on central dopaminergic system–dependent behaviors in rats and mice] Miyamoto M, et al. **Nippon Yakurigaku Zasshi** 1985 Mar;85(3):129–41 (Eng. Abstr.) (Jpn)

[Dopamine, its role in the regulation of blood circulation with particular reference to arterial hypertension] Bar–Andziak E. **Pol Arch Med Wewn** 1984 Oct;72(4):183–9 (Pol)

[Presynaptic autoregulation of dopamine release] Zharikova AD, et al. **Fiziol Zh SSSR** 1985 Jan;71(1):105–12 (Eng. Abstr.) (Rus)

[Conditioned posture changes in dogs after systemic administration of dopaminergic agents] Shapovalova KB. **Zh Vyssh Nerv Deiat** 1984 Nov–Dec;34(6):1057–65 (Eng. Abstr.) (Rus)

RADIATION EFFECTS

Stability of dopamine hydrochloride exposed to blue–light phototherapy. Dandurand KR, et al. **Am J Hosp Pharm** 1985 Mar;42(3):595–7

SECRETION

Central role for angiotensin in control of adrenal catecholamine secretion. Corwin EJ, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):R363–70

Ethanol preference behaviour and dopamine release in the rat. Schmidt J, et al. **Biomed Biochim Acta** 1984; 43(12):1431–4

Striatal dopamine release stimulated by amphetamine or potassium: influence of ovarian hormones and the light–dark cycle. Becker JB, et al. **Brain Res** 1984 Oct 8; 311(1):157–60

Effect of chronic desipramine treatment on adrenoceptor modulation of [3H]dopamine release from rat nucleus accumbens slices. Nurse B, et al. **Brain Res** 1985 May 20; 334(2):235–42

Distinct commissural pathways are involved in the enhanced release of dopamine induced in the contralateral caudate nucleus and substantia nigra by unilateral application of GABA in the cat thalamic motor nuclei. Romo R, et al. **Brain Res** 1984 Aug 6;308(1):43–52

A comparison of CNS stimulants with phencyclidine on dopamine release using in vivo voltammetry. Howard–Butcher S, et al. **Brain Res Bull** 1984 Oct; 13(4):497–501

Effect of neuroleptic drugs on striatal dopamine release and metabolism in the awake rat studied by intracerebral dialysis. Zetterström T, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):27–37

Effects of the serotonin agonist, quipazine, on luteinizing hormone and prolactin release: evidence for serotonin–catecholamine interactions. Lynch CO Jr, et al. **Life Sci** 1984 Oct 1;35(14):1481–7

The effects of dihydropyridines on neurotransmitter release from cultured neuronal cells. Shalaby IA, et al. **Life Sci** 1984 Sep 17;35(12):1289–95

Differential effects of the stereoisomers of 3PPP on dopaminergic and cholinergic neurotransmission in superfused slices of the corpus striatum. Arbilla S, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Aug; 327(1):6–13

Comparison of release of endogenous dopamine and gamma–aminobutyric acid from rat caudate synaptosomes. Caudill WL, et al. **Neurochem Res** 1985 Mar;10(3):319–31

Release of endogenous dopamine, 3,4–dihydroxyphenylacetic acid, and amino acid transmitters from rat striatal slices. Flint RS, et al. **Neurochem Res** 1985 Apr;10(4):515–27

Alpha 2 and beta–adrenoceptor agonists modulate [3H]dopamine release from rat nucleus accumbens slices: implications for research into depression. Nurse B, et al. **Neurochem Res** 1984 Sep;9(9):1231–8

Dual effect of verapamil on K+–evoked release of endogenous dopamine from arcuate nucleus–median eminence complex. Di Renzo G, et al. **Neurosci Lett** 1984 Sep 7;50(1–3):269–72

Elevation of gamma–aminobutyric acid in human brain may increase dopaminergic neuronal function. Perry TL, et al. **Neurosci Lett** 1984 Sep 7;50(1–3):67–71

Regulation of dopamine release by impulse flow and by autoreceptors as studied by in vivo voltammetry in the rat striatum. Gonon FG, et al. **Neuroscience** 1985 Mar; 14(3):765–74

Oxygen chemoreception by carotid body cells in culture. Fishman MC, et al. **Proc Natl Acad Sci USA** 1985 Mar; 82(5):1448–50

Dopamine– and norepinephrine–secreting intrapericardial pheochromocytoma in a normotensive patient. Awoke S, et al. **South Med J** 1985 Aug;78(8):994–8

THERAPEUTIC USE

Comparative vasoactive therapy for heart failure. Benotti JR, et al. **Am J Cardiol** 1985 Jul 22;56(3):19B–24B

Physiologic concentrations of dopamine fail to suppress prolactin secretion in patients with idiopathic hyperprolactinemia or prolactinomas. Tallo D, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):651–5

Treatment of severe Parkinson's disease by intraventricular injection of dopamine. Venna N, et al. **Appl Neurophysiol** 1984;47(1–2):62–4

Combined haemodynamic effects of low doses of dopamine and dobutamine in patients with acute infarction and cardiac failure. el Allaf D, et al. **Arch Int Physiol Biochim** 1984 Nov;92(4):S49–55

The use of low doses of dopamine in intensive care medicine. D'Orio V, et al. **Arch Int Physiol Biochim** 1984 Nov; 92(4):S11–20

Dopamine and dobutamine in septic shock. A comparison. Majerus TC, et al. **Arch Int Physiol Biochim** 1984 Nov; 92(4):S65–7

The use of dopamine for the prevention of the renal side effects of indomethacin in premature infants with patent ductus arteriosus. Seri I, et al. **Int J Pediatr Nephrol** 1984 Dec;5(4):209–14

A comparison of dopamine, dobutamine and isoproterenol in the treatment of shock. Worthley LI, et al. **Intensive Care Med** 1985;11(1):13–9

Lower body positive pressure vs. dopamine during PEEP in humans. Payen DM, et al. **J Appl Physiol** 1985 Jan; 58(1):77–82

[The transurethral resection syndrome treated with dopamine] Andersen BN, et al. **Ugeskr Laeger** 1984 Aug 13;146(33):2486–7 (Eng. Abstr.) (Dan)

[Combination of dopamine and dobutamine in the differential therapy of acute and chronic myocardial failure] Kleinschmidt R, et al. **Dtsch Med Wochenschr** 1985 Apr 12;110(15):598–603 (40 ref.) (Ger)

[Compared hemodynamic effects of 4 inotropic agents used in a model of pulmonary edema due to oleic acid] Fragata J, et al. **Acta Med Port** 1985 Mar–Apr;6(3–4):109–14 (Eng. Abstr.) (Por)

[Evaluation of the hemodynamic effect of dopamine in newborn infants with the respiratory disorder syndrome] Grebennikov VA, et al. **Vestn Akad Med Nauk SSSR** 1984; (9):77–80 (Eng. Abstr.) (Rus)

URINE

Excretion of urinary catecholamine metabolites in anorexia nervosa: effect of body composition and energy intake. Johnston JL, et al. **Am J Clin Nutr** 1984 Nov;40(5):1001–6

Study of the interrelationship between dopaminergic activity and potassium ion. Matsuda S, et al. **Clin Exp Hypertens [A]** 1984;6(12):2249–61

Relationship between urinary dopamine production and natriuresis after acute intravascular volume expansion with sodium chloride in dogs. Sowers JR, et al. **Endocrinology** 1984 Dec;115(6):2085–90

Urinary excretion of free catecholamines in long–term treatment with dopaminergic agonists. Marek J, et al. **Exp Clin Endocrinol** 1984 Oct;84(2):183–90

Increased dopamine production in patients with carcinoid tumors. Feldman JM. **Metabolism** 1985 Mar;34(3):255–6

The influence of NaCl supplementation on the postnatal development of urinary excretion of noradrenaline, dopamine, and serotonin in premature infants. Sulyok E.

et al. **Pediatr Res** 1985 Jan;19(1):5-8

[Automatic liquid chromatography of urinary dopamine] Gayon F, et al. **J Chromatogr** 1984 Nov 9;311(1):160-6 **(Fre)**

[Excretion of free dopamine, noradrenaline and adrenaline in 190 males in relation to age and blood pressure] Lehmann M, et al. **Klin Wochenschr** 1985 Mar 15;63(6):264-71 (Eng. Abstr.) **(Ger)**

[Normal values of dopamine, noradrenaline, adrenaline, and 5-hydroxyindoleacetic acid in pregnancies of different gestational ages] Lerdo de Tejada A, et al. **Ginecol Obstet Mex** 1985 Feb;53(334):49-52 (Eng. Abstr.) **(Spa)**

DOPAMINE BETA-HYDROXYLASE

The molecular shape of dopamine beta-hydroxylase from chromaffin granules of bovine adrenal medulla. Duong LT, et al. **J Biol Chem** 1985 Feb 25;260(4):2393-8

ANALYSIS

Dual properties of cultured retinoblastoma cells: immunohistochemical characterization of neuronal and glial markers. Jiang Q, et al. **Exp Eye Res** 1984 Aug; 39(2):207-15

Characterization of the subunit structure of dopamine beta-hydroxylase by anion-exchange high-performance liquid chromatography. Speedie MK, et al. **J Chromatogr** 1985 Jun 26;327:351-7

Biochemical and functional properties of large and small dense-core vesicles in sympathetic nerves of rat and ox vas deferens. Neuman B, et al. **Neuroscience** 1984 Nov; 13(3):921-31

ANTAGONISTS & INHIBITORS

in vivo inhibition of dopamine-beta-hydroxylase in rat adrenals during exposure to carbon disulphide. Caroldi S, et al. **Arch Toxicol** 1984 Oct;55(4):265-7

Kinetic studies with competitive inhibitors indicate a sequential mechanism for dopamine beta-hydroxylase. Palatini P, et al. **Biochem Int** 1984 Dec;9(6):675-82

Mechanism-based inhibitors of dopamine beta-hydroxylase: inhibition by 2-bromo-3-(p-hydroxyphenyl)-1-propene. Colombo G, et al. **Biochemistry** 1984 Jul 31;23(16):3590-8

3-Phenylpropenes as mechanism-based inhibitors of dopamine beta-hydroxylase: evidence for a radical mechanism. Fitzpatrick PF, et al. **Biochemistry** 1985 Apr 23;24(9):2108-14

Effect of fusaric acid (a dopamine beta-hydroxylase inhibitor) on phaeochromocytoma. Nagasaka A, et al. **Clin Endocrinol (Oxf)** 1985 Apr;22(4):437-44

An acetylenic mechanism-based inhibitor of dopamine beta-hydroxylase. Colombo G, et al. **J Biol Chem** 1984 Dec 25;259(24):15017-20

Potential inhibitors of tyrosine hydroxylase and dopamine-beta-hydroxylase. Scott KR, et al. **J Pharm Sci** 1984 Nov;73(11):1531-5

Dopamine-beta-hydroxylase inhibition acutely stimulates rats hypothalamic noradrenaline and dopamine neuronal activity as assessed from metabolic ratios and circulating glucose and ACTH responses. Smythe GA, et al. **Life Sci** 1985 Sep 2;37(9):841-7

Dopamine-beta-hydroxylase inhibitors, feeding and locomotor activity: reinstatement of feeding following central norepinephrine. Evans KR, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):535-40

BIOSYNTHESIS

Subcellular site of biosynthesis of the catecholamine biosynthetic enzymes in bovine adrenal medulla. Sabban EL, et al. **J Neurochem** 1984 Dec;43(6):1663-8

BLOOD

Low plasma dopamine-beta-hydroxylase in demented schizophrenics. Markianos M, et al. **Biol Psychiatry** 1985 Jan;20(1):98-101

Serum dopamine-beta-hydroxylase activity and lateral ventricular size in affective disorders and schizophrenia. Meltzer HY, et al. **Biol Psychiatry** 1984 Oct; 19(10):1395-402

Effect of diabetic hyperglycemia and other sugars on plasma dopamine-beta-hydroxylase activity. Muñoz A, et al. **Diabetes** 1984 Dec;33(12):1127-32

Study on the mechanism of the appearance of noise effects. Okada A, et al. **Eur J Applied Physiol** 1985;53(4):364-7

Sympathetic activity, plasma renin activity (PRA) and kininogen levels in patients haemodialysed with acetate and bicarbonate. Ksiażek A, et al. **Int Urol Nephrol** 1984; 16(4):337-44

Homologous radio-immunoassay of human plasma dopamine-beta-hydroxylase: analysis of homospecific activity, circulating plasma pool and intergroup differences based on race, blood pressure and cardiac function. O'Connor DT, et al. **J Hypertens** 1983 Oct;1(3):227-33

Serum dopamine beta-hydroxylase activity in menstrual migraine. Magos A, et al. **J Neurol Neurosurg Psychiatry** 1985 Apr;48(4):328-31

Changes in dopamine-beta-hydroxylase, and copper, and catecholamine concentrations in human plasma with physical exercise. Ohno H, et al. **J Sports Med Phys Fitness** 1984 Dec;24(4):315-20

[Serum dopamine beta-hydroxylase activity in obesity and during a two-week fasting period] Halmy L, et al. **Orv Hetil** 1985 Mar 17;126(11):627-33 (Eng. Abstr.) **(Hun)**

[Dopamine beta-hydroxylase activity in the plasma of women as an indicator of perioperative stress] Zrubek H, et al. **Ginekol Pol** 1984 Nov;55(11):859-62 (Eng. Abstr.) **(Pol)**

CEREBROSPINAL FLUID

Simple and sensitive assay of dopamine beta-hydroxylase in human cerebrospinal fluid by high-performance liquid chromatography with electrochemical detection. Suzuki H, et al. **J Chromatogr** 1985 May 31;341(1):176-81

CSF dopamine-beta-hydroxylase activity in Parkinson's disease. Hurst JH, et al. **Neurology** 1985 Apr;35(4):565-8

GENETICS

Genes for neurotransmitter synthesis, storage, and uptake. Joh TH, et al. **Fed Proc** 1985 Sep;44(12):2773-9

Molecular biology of catecholamine neurons. Similar gene hypothesis. Joh TH, et al. **Hypertension** 1984 Sep-Oct;6(5 Pt 2):II1-6

Evidence for the existence of a single gene or linked genes coding for catecholamine biosynthetic enzymes. Joh TH, et al. **Trans Assoc Am Physicians** 1983;96:38-43

IMMUNOLOGY

A monoclonal antibody to dopamine beta-monooxygenase: detection of biosynthetic intermediates. Nolan J, et al. **Arch Biochem Biophys** 1985 Jul;240(1):257-64

ISOLATION & PURIFICATION

1-DOPA decarboxylase and dopamine-beta-hydroxylase isolated from sympathetic splenic nerves estimated by sodium dodecyl sulphate polyacrylamide gel electrophoresis with and without mercaptoethanol. Husseini HS, et al. **J Chromatogr** 1985 Jul 19;329(2):300-6

[Purification of dopamine-beta-monooxygenase and extremely acidic, copper-containing proteins from the adrenal medulla. Extremely acidic, copper-containing proteins as electron donors for dopamine-beta-monooxygenase] Boiadzhian AS. **Biokhimiia** 1985 Jan;50(1):84-90 (Eng. Abstr.) **(Rus)**

METABOLISM

Secondary isotope effects and structure-reactivity correlations in the dopamine beta-monooxygenase reaction: evidence for a chemical mechanism. Miller SM, et al. **Biochemistry** 1985 Apr 23;24(9):2114-27

Immunohistochemical evidence for phenylethanolamine-N-methyltransferase-positive/tyrosin hydroxylase-negative neurones in the retina and the posterior hypothalamus of the rat. Foster GA, et al. **Brain Res** 1985 Mar 18;330(1):183-8

The distribution of monoaminergic cells and fibers in a periventricular preoptic nucleus involved in the control of gonadotropin release: immunohistochemical evidence for a dopaminergic sexual dimorphism. Simerly RB, et al. **Brain Res** 1985 Mar 18;330(1):55-64

Studies of the guinea-pig epididymis. III. Innervation of epididymal segments. Greenberg J, et al. **Cell Tissue Res** 1985;239(2):395-404

Catecholamine-synthesizing enzymes in paraganglia of aged Fischer-344 rats. Immunohistochemistry and fluorescence microscopy. Partanen M, et al. **Cell Tissue Res** 1984; 238(2):217-20

Dopamine-beta-hydroxylase activity in adrenal gland and spleen of rats after fasting and cold exposure. García-Estañ J, et al. **Experientia** 1985 Jan 15;41(1):61-2

The pH-dependent subunit dissociation and catalytic activity of bovine dopamine beta-hydroxylase. Saxena A, et al. **J Biol Chem** 1985 Mar 25;260(6):3386-92

Rat medulla oblongata. II. Dopaminergic, noradrenergic (A1 and A2) and adrenergic neurons, nerve fibers, and presumptive terminal processes. Kalia M, et al. **J Comp Neurol** 1985 Mar 15;233(3):308-32

The serotonin and norepinephrine innervation of primary visual cortex in the cynomolgus monkey (Macaca fascicularis). Kosofsky BE, et al. **J Comp Neurol** 1984 Dec 1;230(2):168-78

Antihypertensive activities of phenyl aminoethyl sulfides, a class of synthetic substrates for dopamine beta-hydroxylase. Padgette SR, et al. **J Med Chem** 1984 Oct;27(10):1354-7

Dopamine-beta-hydroxylase: structural comparisons of membrane-bound versus soluble forms from adrenal medulla and pheochromocytoma. Sokoloff RL, et al. **J Neurochem** 1985 Feb;44(2):411-20

Dopamine beta-hydroxylase-like immunoreactivity in the rat and cat carotid body: a light and electron microscopic study. Chen IL, et al. **J Neurocytol** 1985 Feb;14(1):131-44

Evidence for exocytotic release of dopamine beta-hydroxylase from rabbit heart and of vasopressin from rat neurohypophyses during homogenization and fractionation. Effects of gadolinium ions, cytochalasin B, gallopamil and different temperatures. Muscholl E, et al. **Neuroscience** 1985 Jan;14(1):79-93

PHYSIOLOGY

Neurons of the A1/A2 region in the guinea pig medulla oblongata containing glucagon, glicentin, and dopamine-beta-hydroxylase immunoreactivity. Triepel J, et al. **Anat Embryol (Berl)** 1984;170(3):239-45

SECRETION

Sulfation and constitutive secretion of dopamine beta-hydroxylase from rat pheochromocytoma (PC12) cells. McHugh EM, et al. **J Biol Chem** 1985 Apr 10; 260(7):4409-17

DOPAMINE RECEPTORS see **RECEPTORS, DOPAMINE**

DOPING IN SPORTS

Anabolic steroids: a review of the literature. Haupt HA, et al. **Am J Sports Med** 1984 Nov-Dec;12(6):469-84 (112 ref.)

Temazepam and the perceptual-motor performance of professional footballers. Golby J, et al. **Br J Sports Med** 1985 Jun;19(2):115-8

Prescribing for sportsmen in training. Thomas PL, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):298-9

The use and abuse of anabolic steroids in Olympic-caliber athletes. Bergman R, et al. **Clin Orthop** 1985 Sep; (198):169-72

Serum lipids in power athletes self-administering testosterone and anabolic steroids. Alén M, et al. **Int J Sports Med** 1985 Jun;6(3):139-44

Reduced high-density lipoprotein-cholesterol in power athletes: use of male sex hormone derivates, an atherogenic factor. Alén M, et al. **Int J Sports Med** 1984 Dec;5(6):341-2

Caffeine: use and abuse in sports. Delbeke FT, et al. **Int J Sports Med** 1984 Aug;5(4):179-82

Drugs and the adolescent athlete. Dyment PG. **Pediatr Ann** 1984 Aug;13(8):602-4

Athletes and androgens: what's wrong with steroids? A panel discussion. **Pharos** 1984 Summer;47(3):32-7

Steroids for athletes [letter] Meltzer A. **Pharos** 1984 Fall; 47(4):36-7

Drug prescription and equine events. Vogel C. **Vet Rec** 1984 Nov 3;115(18):452

[Doping: development, transformation] Cugurra F. **Clin Ter** 1984 Jun 15;109(5):397-403 (27 ref.) **(Ita)**

PREVENTION & CONTROL

Doping in sport. Sperryn PN. **Aust Fam Physician** 1985 Jun; 14(6):580-1

[Doping control in race horses] Ungemach FR. **Tierarztl Prax** 1985;13(1):35-53 (Eng. Abstr.) **(Ger)**

DOPPLER ECHOCARDIOGRAPHY see **ECHOCARDIOGRAPHY**

DOPPLER EFFECT see under **PHYSICS**

DOPPLER ULTRASOUND see **ULTRASONICS**

DOPPLER VELOCIMETERS see **FLOWMETERS**

DORMICE see **RODENTIA**

DORSAL ROOT GANGLIA see **GANGLIA, SPINAL**

DORSOMEDIAL HYPOTHALAMIC NUCLEUS see under **HYPOTHALAMUS, MIDDLE**

DOSAGE COMPENSATION (GENETICS)

Genes controlling gp25/30 cell-surface molecules map to chromosomes X and Y and escape X-inactivation. Dracopoli NC, et al. **Am J Hum Genet** 1985 Jan; 37(1):199-207

The steroid sulfatase locus on structurally abnormal inactive X chromosomes is expressed. Immken L, et al. **Am J Hum Genet** 1984 Sep;36(5):979-86

Hyperexpression of HPRT induced by 5-azacytidine in mouse-human hybrid reactivants. Migeon BR, et al. **Am J Hum Genet** 1985 May;37(3):608-11

Cystathionine beta synthase: gene dosage effect in trisomy 21. Chadefaux B, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):40-4

X chromosomal organisation and dosage compensation. In situ transcription of chromatin template activity of X chromosome hyperploids of Drosophila melanogaster. Chatterjee RN. **Chromosoma** 1985;91(3-4):259-66

Manifestation of the lines of Blaschko in women heterozygous for X-linked hypohidrotic ectodermal dysplasia. Happle R, et al. **Clin Genet** 1985 May; 27(5):468-71

Evidence of a preferential inactivation of the paternally derived X chromosome in a 46,XX true hermaphrodite. Boucekkine C, et al. **Hum Genet** 1985;69(1):91-3

New data on the in-situ position of the inactive X chromosome in the interphase nucleus of human fibroblasts. Bourgeois CA, et al. **Hum Genet** 1985;69(2):122-9

Does X-Y pairing during male meiosis protect the paired region of the X chromosome from subsequent X-inactivation? Burgoyne PS, et al. **Hum Genet** 1985; 70(1):82-3

Verification of Lyon's hypothesis in fragile X carriers [letter] De Arce MA. **Hum Genet** 1984;68(4):346-7

Lyonization and the lines of Blaschko. Happle R. **Hum Genet** 1985;70(3):200–6 (55 ref.)

Dosage compensation in mammals: why does a gene on the inactive X yield less product than one on the active X? Miller OJ. **Hum Genet** 1985;69(2):97–101 (52 ref.)

Investigation of variability among mouse aggregation chimaeras and X–chromosome inactivation mosaics. West JD, et al. **J Embryol Exp Morphol** 1984 Dec;84:309–29

Frequency and replication status of the fragile X, fra(X)(q27–28), in a pair of monozygotic twins of markedly differing intelligence. Tuckerman E, et al. **J Med Genet** 1985 Apr;22(2):85–91

X chromosome expression in normal and molar pregnancy. Oudejans CB. **Med Hypotheses** 1984 Oct;15(2):115–8

DNA methylation and X–chromosome inactivation. Blasi F, et al. **Mol Biol Med** 1983 Sep;1(2):271–4

Dosage compensation and X–chromosome inactivation [letter] Smith DA. **Nature** 1985 May 9–15;315(6015):103

Complete concordance between glucose–6–phosphate dehydrogenase activity and hypomethylation of 3' CpG clusters: implications for X chromosome dosage compensation. Wolf SF, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9333–48

Incomplete X chromosome dosage compensation in chorionic villi of human placenta. Migeon BR, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3390–4

U1 small nuclear RNA genes are subject to dosage compensation in mouse cells. Mangin M, et al. **Science** 1985 Jul 19;229(4710):272–5

DOSAGE FORMS

Recent advances in methods of drug administration for animals. Bowen JM. **J Am Vet Med Assoc** 1984 Nov 15; 185(10):1102–5 (24 ref.)

Performance characteristics of methods of analysis used for regulatory purposes. I. Drug dosage forms. C. Automated methods. Horwitz W, et al. **J Assoc Off Anal Chem** 1985 Jan–Feb;68(1):112–21

Drug glycosides: potential prodrugs for colon–specific drug delivery. Friend DR, et al. **J Med Chem** 1985 Jan;28(1):51–7

Quantitation of phenobarbital and phenobarbital sodium in pharmaceutical dosage forms. Das Gupta V. **J Pharm Sci** 1984 Aug;73(8):1158–60

Novel approach to zero–order drug delivery via immobilized nonuniform drug distribution in glassy hydrogels. Lee PI. **J Pharm Sci** 1984 Oct;73(10):1344–7

Innovations in drug delivery. Conrad KA. **Postgrad Med** 1984 Oct;76(5):71–3, 75–9

[The history of dosage form from the German Pharmacopoeia I to II of East Germany] Heise HG, et al. **Pharmazie** 1984 Jul;39(7):445–61 (Ger)

DOSE–RESPONSE RELATIONSHIP, DRUG

The role of mechanistic data in dose–response modeling. Starr TB. **Basic Life Sci** 1985;33:101–24

Testing the statistical certainty of a response to increasing doses of a drug. Tukey JW, et al. **Biometrics** 1985 Mar; 41(1):295–301

Relationship between dose and health effects. Kimbrough RD. **Clin Lab Med** 1984 Sep;4(3):507–19 (46 ref.)

Selection of optimal dose. Khan MK, et al. **Comput Biomed Res** 1985 Apr;18(2):193–203

Issues in carcinogenicity testing: dose selection. Haseman JK. **Fundam Appl Toxicol** 1985 Feb;5(1):66–78 (39 ref.)

Computer–assisted analysis of complex concentration–response data. McPherson GA. **J Pharmacol Methods** 1985 Apr;13(2):125–34

An extended hypothetical theory of the dose–response relations in pharmacology. Várkonyi P, et al. **Med Hypotheses** 1985 Apr;16(4):409–20

Dose–response analysis of combination preparations. Unkelbach HD, et al. **Stat Med** 1985 Jan–Mar;4(1):77–85

Evaluation of statistical methodologies for estimation of median effective dose. Debanne SM, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):274–82

DOSE–RESPONSE RELATIONSHIP, IMMUNOLOGIC

Interaction of interleukin 2 with cells: quantitative analysis of effects. Hooton JW, et al. **J Immunol** 1985 Oct; 135(4):2464–73

DOSE–RESPONSE RELATIONSHIP, RADIATION

Orwellian 'official science'? [letter] Hickey RJ. **Am J Epidemiol** 1985 Jul;122(1):194–5

A trial of radiation dose prescription based on dose–cell survival formula. Allen EP. **Australas Radiol** 1984 May; 28(2):156–60

Is the steepness of dose–incidence curves for tumour control or complications due to variation before, or as a result of, irradiation? [letter] Hendry JH, et al. **Br J Radiol** 1984 Nov;57(683):1045–6

Regulatory implications of radiation dose–effect relationships. Peterson HT Jr. **Health Phys** 1984 Sep; 47(3):345–59

Simulated responses to intermittent lognormally distributed doses at variable dose rates. Petkau A, et al. **Health Phys** 1984 Nov;47(5):745–52

Dose–response relationships for human tumors: implications for clinical trials of dose modifying agents. Williams MV, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1703–7

The problem of tissue equivalence in negative pion dosimetry. Lewis CA. **Phys Med Biol** 1985 Jul;30(7):703–5

[Current aspects in the evaluation of radiation risk: from the risk to organs to total injury risk (effective equivalent doses)] Fritz–Niggli H. **Schweiz Med Wochenschr** 1985 Jan 5;115(1):18–24 (Eng. Abstr.) (Ger)

DOTHIEPIN see under **DIBENZOTHIEPINS**

DOUBLE BIND THEORY see under **PSYCHOLOGICAL THEORY**

DOUBLE–BLIND METHOD see under **RESEARCH DESIGN**

DOUBLE OUTLET RIGHT VENTRICLE see **TRANSPOSITION OF GREAT VESSELS**

DOUBLE REFRACTION see **BIREFRINGENCE**

DOUCHING see **IRRIGATION**

DOUGLAS' POUCH

Value of culdocentesis in the diagnosis of ectopic pregnancy. Romero R, et al. **Obstet Gynecol** 1985 Apr;65(4):519–22

RADIOGRAPHY

[X–ray anatomy of the recto–genital pouch in the child] Chazal J, et al. **Bull Assoc Anat (Nancy)** 1983 Dec; 67(199):389–94 (Eng. Abstr.) (Fre)

DOURINE see under **TRYPANOSOMIASIS**

DOWN'S SYNDROME

Familial t (4;21)(q2.4;q2.2) leading to unbalanced offspring with partial duplication of 4q and of 21q without manifestations of the Down syndrome. Kitsiou–Tzeli S, et al. **Am J Med Genet** 1984 Aug;18(4):725–9

Fetal death rates in mothers of children with trisomy 21 (Down syndrome). Lippman A, et al. **Ann Hum Genet** 1984 Oct;48 (Pt 4):303–12

NIH Conference. Alzheimer's disease and Down's syndrome: new insights. Cutler NR, et al. **Ann Intern Med** 1985 Oct; 103(4):566–78 (73 ref.)

Changes of counseling practices at the birth of a child with Down syndrome. Pueschel SM. **Appl Res Ment Retard** 1985;6(1):99–108

Down's syndrome and the Canadian Special Olympics [letter] Sullivan JD. **Can Med Assoc J** 1985 May 1;132(9):1004

Periodontal conditions in mentally retarded children. Vigild M. **Community Dent Oral Epidemiol** 1985 Jun;13(3):180–2

Prevalence of malocclusion in mentally retarded young adults. Vigild M. **Community Dent Oral Epidemiol** 1985 Jun;13(3):183–4

Ageing in Down's syndrome [letter] Murdoch JC. **Lancet** 1985 May 25;1(8439):1214

Evaluation of children with Down syndrome who participated in an early intervention program. Second follow–up study. Connolly BH, et al. **Phys Ther** 1984 Oct; 64(10):1515–9

After Baby Doe [letter] Turkel H. **South Med J** 1985 Mar; 78(3):364

BLOOD

Trace element profiles in individual blood cells from patients with Down's syndrome. Annerén G, et al. **Acta Paediatr Scand** 1985 Mar;74(2):259–63

Selenium in plasma and erythrocytes in patients with Down's syndrome and healthy controls. Variation in relation to age, sex and glutathione peroxidase activity in erythrocytes. Annerén G, et al. **Acta Paediatr Scand** 1985 Jul; 74(4):508–14

Red blood cell adenine nucleotides abnormalities in Down syndrome. Stocchi V, et al. **Am J Med Genet** 1985 Jan; 20(1):131–5

Screening for Down's syndrome using serum alpha fetoprotein [letter] Cuckle HS, et al. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):349

Cholesterol fractions and triglycerides in children and adults with Down's syndrome. Dörner K, et al. **Clin Chim Acta** 1984 Oct 15;142(3):307–11

Decreased calcium content and 45Ca2+ uptake in Down's syndrome blood platelets. McCoy EE, et al. **Pediatr Res** 1984 Sep;18(9):914–6

The presence of normal levels of serum immunoreactive insulin–like growth factor 2 (IGF–2) in patients with Down's syndrome. Annerén G, et al. **Ups J Med Sci** 1984; 89(3):274–8

[Electrophoretic analysis of the characteristics of the protein composition of leukocytes from Down's syndrome patients] Paponov VP, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):50–2 (Eng. Abstr.) (Rus)

COMPLICATIONS

Cardiac care for children with Down's syndrome [letter] Feingold M, et al. **Am J Dis Child** 1985 Oct;139(10):965–6

Unequal cardiac care for children with Down's syndrome. Sondheimer HM, et al. **Am J Dis Child** 1985 Jan; 139(1):68–70

Assessment of overweight children with trisomy 21. Cronk CE, et al. **Am J Ment Defic** 1985 Jan;89(4):433–6

The ocular features of Down's syndrome. Shapiro MB, et al. **Am J Ophthalmol** 1985 Jun 15;99(6):659–63

Occurrence of neuropathological changes and dementia of Alzheimer's disease in Down's syndrome. Wisniewski KE, et al. **Ann Neurol** 1985 Mar;17(3):278–82

Oedipism and Down's syndrome: case report and review of the literature. Kinnas SJ, et al. **Ann Ophthalmol** 1985 Jul; 17(7):431–3

'Top of the basilar' artery stroke in an adolescent with Down's syndrome. Baram TZ, et al. **Arch Neurol** 1985 Mar; 42(3):296

Systemic lupus erythematosus and Down's syndrome [letter] Franklin CM, et al. **Arthritis Rheum** 1985 May;28(5):598–9

Arthritis in Down's syndrome [letter] Kinnell HG. **Br J Radiol** 1984 Dec;57(684):1162

Coexistent coeliac disease, Graves' disease and diabetes mellitus type 1 in a patient with Down syndrome. Ruch W, et al. **Eur J Pediatr** 1985 May;144(1):89–90

Pseudohypoaldosteronism in a child with Down syndrome. Long–term management of salt loss by ion exchange resin administration. Saule H, et al. **Eur J Pediatr** 1984 Sep; 142(4):286–9

An unusual murmur in an adolescent. Greenwood RD. **Hosp Pract [Off]** 1985 Jun 15;20(6):27, 30

Down's syndrome associated with absent patellae: a case report. Krishna Murthy DS, et al. **Indian J Pediatr** 1984 Nov–Dec;51(413):729–31

The incidence of hearing impairment in a sample of Down's syndrome schoolchildren. van Gorp E, et al. **Int J Rehabil Res** 1984;7(2):198–200

Successful treatment of alopecia areata with dinitrochlorobenzene in a patient with Down's syndrome. Hatamochi A, et al. **J Dermatol (Tokyo)** 1984 Apr; 11(2):191–3

Acquisition of hepatitis B by a mentally retarded community student [letter] Williams CA. **J Infect Dis** 1985 Apr; 151(4):741

Congenital heart disease as a significant factor in the morbidity of children with Down's syndrome. Murdoch JC. **J Ment Defic Res** 1985 Jun;29 (Pt 2):147–51

Management of dislocation of the hip in Down syndrome. Aprin H, et al. **J Pediatr Orthop** 1985 Jul–Aug;5(4):428–31

Symptomatic atlantoaxial subluxation in persons with Down syndrome. Pueschel SM, et al. **J Pediatr Orthop** 1984 Nov; 4(6):682–8

Should management of complete atrioventricular canal defect be influenced by coexistent Down syndrome? Bull C, et al. **Lancet** 1985 May 18;1(8438):1147–9

Premature senility in Down's syndrome [letter] St Clair D, et al. **Lancet** 1985 Jul 6;2(8445):34

Atlantoaxial instability in individuals with Down syndrome. Cooke R. **Ment Retard** 1984 Aug;22(4):193–4

Alzheimer's disease in Down's syndrome: clinicopathologic studies. Wisniewski KE, et al. **Neurology** 1985 Jul; 35(7):957–61

Acute leukemia characterized by trisomy 8 in Down's syndrome. Broomhead AF, et al. **Pathology** 1985 Jan; 17(1):111–4

Cardiovascular disease in Down syndrome. Spicer RL. **Pediatr Clin North Am** 1984 Dec;31(6):1331–43

Acquired chromosome rearrangements, including fine interstitial deletions, in a patient with Down syndrome and monoblastic leukemia. Misawa S, et al. **Pediatrics** 1984 Dec; 74(6):1029–33

Down's syndrome and Alzheimer's dementia: defining an association. Heston LL. **Psychiatr Dev** 1984 Winter; 2(4):287–94 (15 ref.)

Pulmonary changes in congenital heart disease with Down's syndrome: their significance as a cause of postoperative respiratory failure. Yamaki S, et al. **Thorax** 1985 May; 40(5):380–6

Giant seminoma of undescended testis in Down syndrome. Kamidono S, et al. **Urology** 1985 Jun;25(6):637–40

[Symptomatic atlanto–axial dislocation in Down's syndrome] Duel P, et al. **Ugeskr Laeger** 1984 Aug 20;146(34):2563–4 (Eng. Abstr.) (Dan)

[Megakaryoblastic leukemia with hypodiploidy in a girl with trisomy 21] Stoll C, et al. **Ann Pediatr (Paris)** 1985 Jun; 32(6):521–3 (Eng. Abstr.) (Fre)

[Histopathology of postoperative respiratory failure in congenital heart disease with Down's syndrome] Yamaki S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Sep; 32(9):1308–15 (Eng. Abstr.) (Jpn)

[A case of Down syndrome with 'moyamoya' disease: a consideration on fibromuscular dysplasia] Ichiba N, et al. **No To Hattatsu** 1984 Nov;16(6):487–91 (Eng. Abstr.) (Jpn)

[A case of Down syndrome with moyamoya disease] Nishimura M, et al. **No To Hattatsu** 1985 Jan;17(1):71–5 (Eng. Abstr.) (Jpn)

[Congenital cardiopathies in Down's syndrome] Rodríguez–Hernández L, et al. **Bol Med Hosp Infant Mex** 1984 Nov;41(11):622–5 (Eng. Abstr.) (Spa)

[Hyperthyroidism, Down's syndrome and ferropenic anemia] Diez Jarilla JL, et al. **Rev Clin Esp** 1984 Sep 30;174(6):263–5 (Spa)

DIAGNOSIS

Genetic counseling for low maternal serum alpha–fetoprotein [letter] Abuelo D, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):147

A sonographic sign for the detection in the second trimester of the fetus with Down's syndrome. Benacerraf BR, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1078–9

Sonographic diagnosis of Down syndrome in the second trimester. Benacerraf BR, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):49–52

Diagnosis of trisomy 21 by chorionic villus biopsy. Chatterjee M, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):319

Maternal serum alpha–fetoprotein screening of fetal trisomies. Hershey DW, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):224–5

Fetal cephalometry by ultrasound as a screening procedure for the prenatal detection of Down's syndrome [letter] Dudley NJ. **Br J Obstet Gynaecol** 1984 Nov;91(11):1161–2

Screening for Down's syndrome using serum alpha fetoprotein: a retrospective study indicating caution. Spencer K, et al. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1940–3

Parental reactions to loss and disappointment: the diagnosis of Down's syndrome. Gath A. **Dev Med Child Neurol** 1985 Jun;27(3):392–400

Evolution of the proportion of patients with Down's syndrome karyotyped in Belgium since 1960. Evers–Kiebooms G, et al. **Eur J Pediatr** 1985 Mar;143(4):276–7

Prospective screening for Down syndrome using maternal serum AFP [letter] **Lancet** 1985 Jun 1;1(8440):1280–1

Low maternal serum alpha–fetoprotein and Down syndrome [editorial] **Lancet** 1985 Feb 2;1(8423):259–60

AFP screening and Down syndrome [letter] Baumgarten A. **Lancet** 1985 Mar 30;1(8431):751

Amniotic fluid AFP levels and Down syndrome [letter] Cuckle HS, et al. **Lancet** 1985 Feb 2;1(8423):290–1

Place of amniotic fluid AFP in prenatal diagnosis of trisomies [letter] Hullin DA, et al. **Lancet** 1985 Sep 21;2(8456):662

Cystic hygromata in trisomy 18 and 21. Pearce JM, et al. **Prenat Diagn** 1984 Sep–Oct;4(5):371–5

[Attitude of patients to prenatal diagnosis based on the example of families with Down's syndrome children] Czarkowski MP, et al. **Ginekol Pol** 1984 Aug;55(8):569–75 (Eng. Abstr.) (Pol)

DRUG THERAPY

Height increase in children with Down syndrome following treatment with psycho–pharmacotherapeutic agents. Cocchi R. **Int J Psychosom** 1985;32(2):12–6

The effect of vasopressin treatment on learning in Down's syndrome. Eisenberg J, et al. **J Neural Transm** 1984;60(2):143–7

EMBRYOLOGY

Alphafetoprotein and chorionic gonadotropin levels in relation to Down's syndrome [letter] Chard T, et al. **Lancet** 1984 Sep 29;2(8405):750

Evidence of arrest of neurogenesis and synaptogenesis in brains of patients with Down's syndrome [letter] Wisniewski KE, et al. **N Engl J Med** 1984 Nov 1;311(18):1187–8

ENZYMOLOGY

Cystathionine beta synthase: gene dosage effect in trisomy 21. Chadefaux B, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):40–4

Amniotic fluid gamma–glutamyl transferase activity in trisomy 21 and neural tube defects. Buamah PK, et al. **Clin Chim Acta** 1984 Nov 30;143(3):285–9

ATPase activity of erythrocyte membrane in patients with trisomy 21 (Down's syndrome). Xue QM, et al. **Clin Genet** 1984 Nov;26(5):429–32

Neurochemical approaches to the pathogenesis of Down's syndrome. Balazs R, et al. **J Ment Defic Res** 1985 Mar;29 (Pt 1):1–14

Selenium and glutathione peroxidase in plasma and erythrocytes of Down's syndrome (trisomy 21) patients. Nève J, et al. **J Ment Defic Res** 1984 Dec;28 (Pt 4):261–8

Olfactory tubercle choline acetyltransferase activity in Alzheimer–type dementia, Down's syndrome and Huntington's chorea [letter] Simpson J, et al. **J Neurol Neurosurg Psychiatry** 1984 Oct;47(10):1138–9

ETIOLOGY

High–risk population for Down syndrome: orthodox Jews in Jerusalem. Sharav T. **Am J Ment Defic** 1985 Mar;89(5):559–61

Epidemiological studies on disturbances of human fetal development in areas with various doses of natural background radiation. I. Relationship between incidences of Down's syndrome or visible malformation and gonad dose equivalent rate of natural background radiation. Ujeno Y. **Arch Environ Health** 1985 May–Jun;40(3):177–80

[Normogram for the evaluation of risk of couples for Down's syndrome] Fabris C, et al. **Minerva Pediatr** 1985 Jan 31;37(1–2):53–7 (Eng. Abstr.) (Ita)

FAMILIAL & GENETIC

HLA and trisomy 21. Mayr WR, et al. **Am J Hum Genet** 1985 May;37(3):606–7

Erythrocyte catechol–O–methyltransferase activity: genetic analysis in nuclear families with one child affected by Down syndrome. Brahe C, et al. **Am J Med Genet** 1985 Jun;21(2):373–84

Risk of Down's syndrome among second– and third–degree relatives of a proband with trisomy 21 [letter] ten Kate LP, et al **Am J Med Genet** 1984 Nov;19(3):599–602

Advanced grandmaternal age on the mother's side—a risk of giving rise to trisomy 21. Aagesen L, et al. **Ann Hum Genet** 1984 Oct;48 (Pt 4):297–301

Parental age and unbalanced Robertsonian translocations associated with Down syndrome and Patau syndrome: comparison with maternal and paternal age effects for 47, +21 and 47, +13. Hook EB. **Ann Hum Genet** 1984 Oct;48 (Pt 4):313–25

Molecular structure of the number 21 chromosome and Down syndrome. **Ann NY Acad Sci** 1985;450:1–250

Linkage map on chromosome 21q and the association of a DNA haplotype with a propensity to nondisjunction and trisomy 21. Antonarakis SE, et al. **Ann NY Acad Sci** 1985;450:95–107

Comparative gene mapping of human chromosome 21 and mouse chromosome 16. Cox DR, et al. **Ann NY Acad Sci** 1985;450:169–77

Molecular quantitation of aneuploid conditions using chromosome 21 as a model. Devine EA, et al. **Ann NY Acad Sci** 1985;450:85–94

Mouse trisomy 16: an animal model of human trisomy 21 (Down syndrome). Epstein CJ, et al. **Ann NY Acad Sci** 1985;450:157–68

Molecular structure and expression of the gene locus on chromosome 21 encoding the Cu/Zn superoxide dismutase and its relevance to Down syndrome. Groner Y, et al. **Ann NY Acad Sci** 1985;450:133–56

Nucleolus organizing genes on chromosome 21: recombination and nondisjunction. Schmickel RD, et al. **Ann NY Acad Sci** 1985;450:121–31

A possible unitary genetic hypothesis for Alzheimer's disease and Down syndrome. Schweber M. **Ann NY Acad Sci** 1985;450:223–38

The effect of mitotic inhibitors on DNA strand size and radiation–associated break repair in Down syndrome fibroblasts. Woods WG, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):177–84

The Mongoloid model. Wortis J. **Biol Psychiatry** 1985 Jan;20(1):1–2

SCE frequency and lymphocyte proliferation in a Down's syndrome mosaic developing an acute lymphoblastic leukemia. Heidemann A, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1–2):109–12

Handedness in the mentally handicapped. Batheja M, et al. **Dev Med Child Neurol** 1985 Feb;27(1):63–8

A case of 48, XYY, +21. Teramoto H, et al. **Hiroshima J Med Sci** 1985 Jun;34(2):173–5

Frequency of consanguineous marriages among parents and grandparents of Down patients. Devoto M, et al. **Hum Genet** 1985;70(3):256–8

Spindle microtubular dysfunction in mothers of Down syndrome children. Ford JH. **Hum Genet** 1984;68(4):295–8

Trisomy 21 Down syndrome. Parental mosaicism. Uchida IA, et al. **Hum Genet** 1985;70(3):246–8

Trisomy 21q: 46,XX,21s+/47,XX,+21q–(q22——qter) mosaicism (de novo) in a Down syndrome child. Krishna Murthy DS, et al. **Indian J Pediatr** 1984 May–Jun;51(410):363–6

Down's syndrome with a recombinant tandem duplication of chromosome 21 derived from a maternal ring. Howell RT, et al. **J Med Genet** 1984 Aug;21(4):310–4

The prevalence of translocations in parents of children with regular trisomy 21: a possible interchromosomal effect? Lindenbaum RH, et al. **J Med Genet** 1985 Feb;22(1):24–8

Mosaic Down's syndrome with de novo 45,XX,–21,–22,+t(21q;22q)/46,XX,–21,+t(21q;21q) rearrangement. Tharapel AT, et al. **J Med Genet** 1984 Oct;21(5):391–5

Characteristics of parents of Down's children and control children with respect to factors present before conception. Murdoch JC, et al. **J Ment Defic Res** 1984 Sep;28 (Pt 3):177–87

Ageing in Down's syndrome [editorial] **Lancet** 1985 Apr 13;1(8433):855–6

Diagnosis of the carpal tunnel syndrome [editorial] **Lancet** 1985 Apr 13;1(8433):854–5

Acute megakaryoblastic leukemia in Down's syndrome: report of a case and review of cytogenetic findings. Suarez CR, et al. **Med Pediatr Oncol** 1985;13(4):225–31

Increased SCE inducibility by low doses of methylcholanthrene in lymphocytes obtained from patients with Down's disease. Major J, et al. **Mutat Res** 1985 Mar;149(1):51–5

Analysis of DNA haplotypes suggests a genetic predisposition to trisomy 21 associated with DNA sequences on chromosome 21. Antonarakis SE, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3360–4

Previous child with trisomy 21 and abortion rate. Aymé S, et al. **Prog Clin Biol Res** 1985;163C:15–9

Down syndrome live births and prior spontaneous abortions of unknown karyotype. Hook EB. **Prog Clin Biol Res** 1985;163C:21–4

Down anomaly: new research aspects of an old and well known syndrome. Mikkelsen M. **Prog Clin Biol Res** 1985;177:293–307

[Trisomy 21 caused by 21/21 tandem translocation in the descendant of a mother with (13,14) robertsonian translocation (letter)] Bourrouillou G, et al. **Presse Med** 1984 Nov 10;13(40):2456 (Fre)

[Placental villous stem vessel occlusions. Studies of a twin placenta retained in utero following selective sectio parva] Bassermann R, et al. **Geburtshilfe Frauenheilkd** 1984 Sep;44(9):566–9 (Eng. Abstr.) (Ger)

[Selective removal of one twin with trisomy 21 by sectio parva in the 23rd week of pregnancy and later spontaneous birth of the healthy twin] Berg D, et al. **Geburtshilfe Frauenheilkd** 1984 Sep;44(9):563–5 (Eng. Abstr.) (Ger)

[Inv(9)(qh): a risk factor in Down's syndrome] Serra A, et al. **Pathologica** 1983;75 Suppl:243–5 (Ita)

[Unusual karyotype in a child with Down's disease] Kristesashvili DI. **Pediatriia** 1985 Apr;(4):69–70 (Rus)

IMMUNOLOGY

Association of decreased T–cell–mediated natural cytotoxicity and interferon production in Down's syndrome. Nair MP, et al. **Clin Immunol Immunopathol** 1984 Dec;33(3):412–24

Monoclonal antibody–defined B cell subsets in aging humans and Down's syndrome. Gupta S, et al. **Gerontology** 1984;30(6):388–92

Lymphocyte surface phenotypes in Down's syndrome. Bertotto A, et al. **Int J Tissue React** 1984;6(3):219–21

Acetylcholine receptor antibodies in the elderly and in Down's syndrome. Robb SA, et al. **J Neuroimmunol** 1985 Aug;9(3–4):139–46

Immunodeficiency in Down's syndrome: analysis by OKT monoclonal antibodies. Bertotto A, et al. **Thymus** 1984;6(6):365–7

HLA in families with Down's syndrome children. Souniran P, et al. **Tissue Antigens** 1985 Feb;25(2):103–6

[Humoral and cellular immunity in simple trisomy 21—Down's syndrome] Getlík A, et al. **Bratisl Lek Listy** 1985 Jun;83(6):598–604 (Eng. Abstr.) (Slo)

METABOLISM

Superoxide dismutase, glutathione peroxidase and lipoperoxidation in Down's syndrome fetal brain. Brooksbank BW, et al. **Brain Res** 1984 Sep;318(1):37–44

Acetylcholine and aromatic amine systems in postmortem brain of an infant with Down's syndrome. McGeer EG, et al. **Exp Neurol** 1985 Mar;87(3):557–70

Xylose absorption in Down's syndrome. Williams CA, et al. **J Ment Defic Res** 1985 Jun;29 (Pt 2):173–7

Reductions in soluble brain proteins in older subjects with Down's syndrome. Borthwick NM, et al. **J Neurol Sci** 1985 May;68(2–3):205–14

Neurotensin immunoreactivity in post–mortem brain is increased in Down's syndrome but not in Alzheimer–type dementia. Yates CM, et al. **J Neurol Sci** 1985 Mar;67(3):327–35

Is the mental deterioration in Down's syndrome linked to impaired terminal degradation of neurofilaments? Elomaa E, et al. **Med Hypotheses** 1985 Feb;16(2):171–2

Amyloid plaque core protein in Alzheimer disease and Down syndrome. Masters CL, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4245–9

Decreased prostacyclin production in Down's syndrome. Mäkilä UM, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):347–8

[Radioresistant DNA synthesis in the fibroblasts of a Down's syndrome patient] Barenfel'd LS, et al. **Tsitologiia** 1985 May;27(5):582–6 (Eng. Abstr.) (Rus)

MORTALITY

The relationship of congenital heart disease and respiratory infection mortality in patients with Down's syndrome. Chaney RH, et al. **J Ment Defic Res** 1985 Mar;29 (Pt 1):23–7

OCCURRENCE

Down syndrome and maternal age in Hong Kong Chinese. Ghosh A, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):93–8

The relative risk for standard 21 trisomy has not increased in young mothers in Belgium, 1960–1978. Evers–Kiebooms G, et al. **Clin Genet** 1985 Jan;27(1):33–44

The incidence of Down syndrome in northern Finland with special reference to maternal age. Leisti J, et al. **Clin Genet** 1985 Mar;27(3):252–7

Demographic trends of Down's syndrome in Egypt. Hafez M, et al. **Hum Biol** 1984 Dec;56(4):703–12

Demographic factors and the incidence of Down's syndrome in Ireland. Mulcahy M, et al. **J Ment Defic Res** 1985 Jun;29 (Pt 2):113–23

Incidence and prevalence of Down's syndrome—a discussion and report. Stratford B, et al. **J Ment Defic Res** 1985 Mar;29 (Pt 1):95–107

[Decrease in occurrence of Down's syndrome in Denmark

1980-1982. The effect of prenatal diagnosis] Pilgaard B, et al. **Ugeskr Laeger** 1985 Jan 21;147(4):243-5 (Eng. Abstr.) (Dan)

PATHOLOGY

Increased adhesiveness of trisomy 21 cells and atrioventricular canal malformations in Down syndrome: a stochastic model. Kurnit DM, et al. **Am J Med Genet** 1985 Feb;20(2):385-99

Anthropometry of mongol males and females. Jaswal S, et al. **Indian Pediatr** 1984 Apr;21(4):299-306

Pathological evidence for neurotransmitter deficits in Down's syndrome of middle age. Mann DM, et al. **J Ment Defic Res** 1985 Jun;29 (Pt 2):125-35

Altered composition of polyunsaturated fatty acyl groups in phosphoglycerides of Down's syndrome fetal brain. Brooksbank BW, et al. **J Neurochem** 1985 Mar;44(3):869-74

Basal ganglia calcification in Down's syndrome. Takashima S, et al. **J Neurol Neurosurg Psychiatry** 1985 Jan;48(1):61-4

Some morphometric observations on the cerebral cortex and hippocampus in presenile Alzheimer's disease, senile dementia of Alzheimer type and Down's syndrome in middle age. Mann DM, et al. **J Neurol Sci** 1985 Jul;69(3):139-59

Hypersensitivity to ionizing radiation in cultured cells from Down syndrome patients. Otsuka F, et al. **J Neurol Sci** 1985 May-Jun;69(1-2):103-12

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. A 2 1/2-year-old girl with Down's syndrome and evidence of pulmonary hypertension. **N Engl J Med** 1985 Feb 21;312(8):497-506

Abnormal measurements and disproportions in the face of Down's syndrome patients: preliminary report of an anthropometric study. Farkas LG, et al. **Plast Reconstr Surg** 1985 Feb;75(2):159-69

[Ocular abnormalities in trisomy 21 syndrome] Qin M. **Chung Hua Yen Ko Tsa Chih** 1984 May;20(3):163-6 (Chi)

[Height and shape of the palate in infants with trisomy 21] Fischer-Brandies H. **Zahn Mund Kieferheilkd** 1985;73(3):283-90 (Eng. Abstr.) (Ger)

PHYSIOPATHOLOGY

Adolescent development in males with Down syndrome. Pueschel SM, et al. **Am J Dis Child** 1985 Mar;139(3):236-8

Thyroid dysfunction in Down syndrome. Pueschel SM, et al. **Am J Dis Child** 1985 Jun;139(6):636-9

Anthropometric observation of adults with Down syndrome. Bronks R, et al. **Am J Ment Defic** 1985 Jul;90(1):110-3

Neuropsychological correlates of information-processing by children with Down syndrome. Lincoln AJ, et al. **Am J Ment Defic** 1985 Jan;89(4):403-14

Tongue movements in 4- and 5-year-old Down's syndrome children during eating: a comparison with normal children. Gisel EG, et al. **Am J Occup Ther** 1984 Oct;38(10):660-5

Chewing cycles in 4- and 5-year-old Down's syndrome children: a comparison of eating efficacy with normals. Gisel EG, et al. **Am J Occup Ther** 1984 Oct;38(10):666-70

The biology of Down syndrome. Smith GF, et al. **Ann NY Acad Sci** 1985;450:1-9

Neurophysiological evidence of aging in Down's syndrome. Mackenzie RA, et al. **Clin Exp Neurol** 1983;19:139-46

Effect of maternal education on prognosis of development in children with Down syndrome. Sharav T, et al. **Pediatrics** 1985 Sep;76(3):387-91

Dynamics of postural control in the child with Down syndrome. Shumway-Cook A, et al. **Phys Ther** 1985 Sep;65(9):1315-22

PREVENTION & CONTROL

[Secondary prevention of Down's syndrome in Czechoslovakia 1975-1975] Kučera J, et al. **Cesk Gynekol** 1985 Mar;50(2):128-32 (Cze)

[Economic analysis of the dissemination of a medical innovation: prenatal diagnosis by early amniocentesis as an example. Part 2. Facilitating decision making in public health for optimal dissemination of an innovation] Gardent H, et al. **Rev Epidemiol Sante Publique** 1984;32(2):97-106 (Eng. Abstr.) (Fre)

PSYCHOLOGY

Down syndrome revisited. Patzer H. **Acta Paediatr Hung** 1984;25(1-2):139-44

Mental development of adults with Down syndrome. Berry P, et al. **Am J Ment Defic** 1984 Nov;89(3):252-6

Maternal speech to prelinguistic children with Down syndrome. Cardoso-Martins C, et al. **Am J Ment Defic** 1985 Mar;89(5):451-8

Manual asymmetries in the performance of sequential movement by adolescents and adults with Down syndrome. Elliott D. **Am J Ment Defic** 1985 Jul;90(1):90-7

Adaptive behavior of institutionalized individuals with Down syndrome. Silverstein AB, et al. **Am J Ment Defic** 1985 Mar;89(5):555-8

Relationship between the home environment and sensorimotor development of Down syndrome and nonretarded infants. Smith L, et al. **Am J Ment Defic** 1984 Sep;89(2):124-32

Depression and anorexia nervosa of persons with Down syndrome. Szymanski LS, et al. **Am J Ment Defic** 1984 Nov;89(3):246-51

Is mania incompatible with Down's syndrome? Sovner R, et al. **Br J Psychiatry** 1985 Mar;146:319-20

The organization of exploratory behavior in Down syndrome and nondelayed infants. MacTurk RH, et al. **Child Dev** 1985 Jun;56(3):573-81

Down's syndrome and the family: follow-up of children first seen in infancy. Gath A, et al. **Dev Med Child Neurol** 1984 Aug;26(4):500-8

Nursery rhymes and early language acquisition by mentally handicapped children. Glenn SM, et al. **Except Child** 1984 Sep;51(1):72-4

An analysis of conversations among handicapped students and a nonhandicapped peer. Nisbet J, et al. **Except Child** 1984 Oct;51(2):156-62

Mental ability, symbolic play and receptive and expressive language of young children with Down's syndrome. Cunningham CC, et al. **J Child Psychol Psychiatry** 1985 Mar;26(2):255-65

Matching prosodic and sound features: performance of Down's syndrome preschoolers. Reichle J, et al. **J Commun Disord** 1985 Jun;18(3):149-59

Maternal influence on the task behaviour of young Down's syndrome children. Berry P, et al. **J Ment Defic Res** 1984 Dec;28 (Pt 4):269-74

Receptive language processing and ear advantage of Down's syndrome children. Hartley XY. **J Ment Defic Res** 1985 Jun;29 (Pt 2):197-205

Learning to be contingent: retarded children's responses to their mothers' requests. Scherer NJ, et al. **Lang Speech** 1984 Jul-Sep;27 (Pt 3):255-67

Baby Doe: is there really a problem? Elkins TE, et al. **Obstet Gynecol** 1985 Apr;65(4):492-5

RADIOGRAPHY

Congenital atlanto-axial subluxation in Down's syndrome. Grobovschek M, et al. **Neuroradiology** 1985;27(2):186

A morphometric CT study of Down's syndrome showing small posterior fossa and calcification of basal ganglia. Ieshima A, et al. **Neuroradiology** 1984;26(6):493-8

REHABILITATION

Evaluation of progress using the context input process and product model. Sims M, et al. **Child Care Health Dev** 1984 Nov-Dec;10(6):359-79

Developmental progress of preschool Down's syndrome children receiving a home-advisory service: an interim report. Woods PA, et al. **Child Care Health Dev** 1984 Sep-Oct;10(5):287-99

Facial surgery and an active modification approach for children with Down syndrome: some psychological and ethical issues. Mearig JS. **Rehabil Lit** 1985 Mar-Apr;46(3-4):72-7

[Early functional orthodontic treatment of orofacial developmental disorders in children with Down's syndrome] Fischer-Brandies H, et al. **Monatsschr Kinderheilkd** 1984 Aug;132(8):620-1 (Eng. Abstr.) (Ger)

SURGERY

[Plastic and reconstructive surgery in children with trisomy 21] Antoine H. **Bull Soc Sci Med Grand Duche Luxemb** 1984;121(2):27-9 (Fre)

THERAPY

Vitamins and minerals in Down syndrome [letter] Davis DR, et al. **J Pediatr** 1985 Mar;106(3):531

Comparison of the care of children with Down's syndrome with the care of matched controls. Murdoch JC. **J R Coll Gen Pract** 1984 Apr;34(261):205-9

[Siccacell therapy in Down's syndrome] Armoni M, et al. **Harefuah** 1985 Jan 15;108(2):64-8 (Eng. Abstr.) (Heb)

DOXAPRAM

[Doxapram (Dopram)] Andersen JB. **Ugeskr Laeger** 1984 Aug 20;146(34):2571-2 (Dan)

ADVERSE EFFECTS

Doxapram and neonatal apnoea [letter] Dear PR, et al. **Arch Dis Child** 1984 Sep;59(9):903-4

PHARMACODYNAMICS

Antagonism of xylazine sedation with yohimbine, 4-aminopyridine, and doxapram in dogs. Hatch RC, et al. **Am J Vet Res** 1985 Feb;46(2):371-5

Reversal of thiopental-induced anesthesia by 4-aminopyridine, yohimbine, and doxapram in dogs pretreated with xylazine or acepromazine. Hatch RC, et al. **Am J Vet Res** 1985 Jul;46(7):1473-8

Antagonism of xylazine sedation in steers by doxapram and 4-aminopyridine. Zahner JM, et al. **Am J Vet Res** 1984 Dec;45(12):2546-51

Effects of doxapram on body temperature of the rat during radiofrequency irradiation. Jauchem JR, et al. **Clin Exp Pharmacol Physiol** 1985 Jan-Feb;12(1):1-8

Effect of xylazine on heart rate and arterial blood pressure in conscious dogs, as influenced by atropine, 4-aminopyridine, doxapram, and yohimbine. Hsu WH, et al. **J Am Vet Med Assoc** 1985 Jan 15;186(2):153-6

Xylazine-induced prolongation of gastrointestinal transit in dogs: reversal by yohimbine and potentiation by doxapram. McNeel SV, et al. **J Am Vet Med Assoc** 1984 Oct 15;185(8):878-81

[Arousal time after balanced anesthesia. Doxapram (Dopram) effects] Carl P, et al. **Ugeskr Laeger** 1984 Aug 20;146(34):2543-6 (Eng. Abstr.) (Dan)

THERAPEUTIC USE

Aminophylline versus doxapram in weaning premature infants from mechanical ventilation: preliminary report. Eyal FG, et al. **Crit Care Med** 1985 Feb;13(2):124-5

Possible doxapram reversal of ventilator dependence in a brain-damaged patient. Gilbert J, et al. **Crit Care Med** 1985 Jul;13(7):605-6

Treatment of acute exacerbation of chronic respiratory failure with doxapram: a case report. Romanic BM, et al. **Del Med J** 1985 May;57(5):323-4

Successful management of central sleep hypoventilation in an infant using enteral doxapram. Weesner KM, et al. **J Pediatr** 1985 Mar;106(3):513-5

Aminophylline versus doxapram in idiopathic apnea of prematurity: a double-blind controlled study. Eyal F, et al. **Pediatrics** 1985 Apr;75(4):709-13

[A possible clinical application of doxapram (Dopram). A new respiratory stimulant] Crawford ME, et al. **Ugeskr Laeger** 1984 Aug 20;146(34):2538-42 (Eng. Abstr.) (Dan)

DOXEPIN

ADMINISTRATION & DOSAGE

[Results in the treatment of depressive syndromes with once-a-day doxepin doses administered at bedtime] Bilikiewicz A, et al. **Psychiatr Pol** 1984 Mar-Apr;18(2):143-6 (Eng. Abstr.) (Pol)

ADVERSE EFFECTS

Orthostatic effect of imipramine and doxepin in depressed geriatric outpatients. Neshkes RE, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):102-6

BLOOD

Effect of single and repeated doses of activated charcoal on the pharmacokinetics of doxepin. Scheinin M, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jan;23(1):38-42

[Detection and determination of neurotropic drugs in human blood. III. Detection and determination of amitriptyline and doxepin] Kaniewska T. **Acta Pol Pharm** 1984;41(1):67-72 (Eng. Abstr.) (Pol)

METABOLISM

The binding of doxepin to histamine H1-receptors in guinea-pig and rat brain. Aceves J, et al. **Br J Pharmacol** 1985 Feb;84(2):417-24

Cimetidine-doxepin interaction. Brown MA, et al. **J Clin Psychopharmacol** 1985 Aug;5(4):245-7

PHARMACODYNAMICS

Anticholinergic activity in the serum of patients receiving maintenance amitriptyline or doxepin therapy. Aaltonen L, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Jan;56(1):75-80

PSOP for response to imipramine and doxepin [letter] Schneider LS. **J Clin Psychopharmacol** 1985 Feb;5(1):58-9

[Histochemical study of the rat placenta after experimental administration of a psychotropic drug during pregnancy] Ciszewska-Popiolek B, et al. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:239-44 (Eng. Abstr.) (Pol)

THERAPEUTIC USE

Monosymptomatic hypochondriasis treated with tricyclic antidepressants. Brotman AW, et al. **Am J Psychiatry** 1984 Dec;141(12):1608-9

Alprazolam, amitriptyline, doxepin, and placebo in the treatment of depression. Rickels K, et al. **Arch Gen Psychiatry** 1985 Feb;42(2):134-41

Doxepin and cimetidine in the treatment of duodenal ulcer: a double-blind comparative study. Shrivastava RK, et al. **Clin Ther** 1985;7(2):181-9

Doxepin therapy for duodenal ulcer: a controlled trial in patients who failed to respond to cimetidine. Shrivastava RK, et al. **Clin Ther** 1985;7(3):319-26

Doxepin in the treatment of chronic urticaria. Harto A, et al. **Dermatologica** 1985;170(2):90-3

Double-blind clinical study comparing alprazolam and doxepin in primary unipolar depression. Ansseau M, et al. **J Affective Disord** 1984 Dec;7(3-4):287-96

Double-blind crossover study comparing doxepin with diphenhydramine for the treatment of chronic urticaria. Greene SL, et al. **J Am Acad Dermatol** 1985 Apr;12(4):669-75

Comparison of cinnarizine, cyproheptadine, doxepin, and hydroxyzine in treatment of idiopathic cold urticaria: usefulness of doxepin. Neittaanmäki H, et al. **J Am Acad Dermatol** 1984 Sep;11(3):483-9

Comparative cardiac effects of maprotiline and doxepin in elderly depressed patients. Ahles S, et al.

J Clin Psychiatry 1984 Nov;45(11):460-5

A comparative trial of the antidepressant, anxiolytic, and cardiovascular effects of trimipramine and doxepin in depressed hospitalized patients. Assalian P, et al. **J Clin Psychiatry** 1985 Mar;46(3):90-4

Double-blind comparative trials of fluoxetine and doxepin in geriatric patients with major depressive disorder. Feighner JP, et al. **J Clin Psychiatry** 1985 Mar;46(3 Pt 2):20-5

Doxepin in the treatment of duodenal ulcer. A double-blind clinical study comparing doxepin and placebo. Andersen OK, et al. **Scand J Gastroenterol** 1984 Oct;19(7):923-5

DOXORUBICIN

Iron(III)-adriamycin and Iron(III)-daunorubicin complexes: physicochemical characteristics, interaction with DNA, and antitumor activity. Beraldo H, et al. **Biochemistry** 1985 Jan 15;24(2):284-9

The binding of actinomycin D and Adriamycin to supercoiled DNA, single-stranded DNA and polynucleotides. Simpkins H, et al. **Biochim Biophys Acta** 1984 Dec 14;783(3):293-300

Iron-mediated formation of an oxidized adriamycin free radical. Zweier JL. **Biochim Biophys Acta** 1985 Apr 17; 839(2):209-13

Possible intermediates in the action of adriamycin--a pulse radiolysis study. Land EJ, et al. **Br J Cancer** 1985 Apr; 51(4):515-23

New anthracycline glycosides obtained by the nitrous acid deamination of daunorubicin, doxorubicin and their configurational analogues. Cassinelli G, et al. **J Antibiot (Tokyo)** 1985 Jul;38(7):856-67

ADMINISTRATION & DOSAGE

Adriamycin instillations as recurrence prophylaxis in superficial urinary bladder cancer. Jauhiainen K, et al. **Ann Chir Gynaecol** 1984;73(4):206-10

Cisplatin and doxorubicin. An effective chemotherapy combination in the treatment of advanced basal cell and squamous carcinoma of the skin. Guthrie TH Jr, et al. **Cancer** 1985 Apr 15;55(8):16[illegible]-32

Treatment of advanced e[illegible]esioneuroblastoma with high-dose chemotherapy and autologous bone marrow transplantation. A case report. O'Conor GT Jr, et al. **Cancer** 1985 Jan 15;55(2):347-9

Pharmacological, toxicological, and therapeutic evaluation in mice of doxorubicin entrapped in cardiolipin liposomes. Rahman A, et al. **Cancer Res** 1985 Feb;45(2):796-803

Phase II evaluation of doxorubicin plus bleomycin in hepatocellular carcinoma: a Southeastern Cancer Study Group trial. Ravry MJ, et al. **Cancer Treat Rep** 1984 Dec; 68(12):1517-8

Preparation and evaluation in vitro and in vivo of polylactic acid microspheres containing doxorubicin. Juni K, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):313-8

Doxorubicin: alteration of dose scheduling as a means of reducing cardiotoxicity. Lum BL, et al. **Drug Intell Clin Pharm** 1985 Apr;19(4):259-64 (27 ref.)

Doxorubicin treatment of inoperable renal carcinomas through balloon occlusion catheter. Göthlin JH, et al. **Eur J Radiol** 1985 Feb;5(1):43-7

Intravesical chemotherapy for carcinoma in situ of the urinary bladder: 5 years later. Jakse G. **Eur Urol** 1984; 10(5):289-93

Thiotepa versus adriamycin versus cis-platinum in the intravesical prophylaxis of superficial bladder tumors. Llopis B, et al. **Eur Urol** 1985;11(2):73-8

Pelvic irradiation plus adriamycin and cyclophosphamide in selected patients with epithelial ovarian carcinoma: a phase II study of the Northern California Oncology Group. Ballon SC, et al. **Gynecol Oncol** 1984 Nov;19(3):278-83

Additive cytotoxicity of adriamycin and a naturally occurring growth inhibitor extracted from bovine aorta. Haid M, et al. **Invest New Drugs** 1985;3(1):23-9

Combination intraperitoneal chemotherapy with cisplatin, cytarabine, and doxorubicin for refractory ovarian carcinoma and other malignancies principally confined to the peritoneal cavity. Markman M, et al. **J Clin Oncol** 1984 Dec;2(12):1321-6

Phase I trial of an implanted battery-powered, programmable drug delivery system for continuous doxorubicin administration. Vogelzang NJ, et al. **J Clin Oncol** 1985 Mar; 3(3):407-14

Clinical experience with adriamycin and vincristine in the treatment of hepatic metastases. Tepmongkol P. **J Med Assoc Thai** 1984 Apr;67(4):231-6

The use of liposomes as carriers of therapeutic agents. Mayhew E, et al. **Prog Clin Biol Res** 1985;172B:301-10

High-dose adriamycin combination chemotherapy for intermediate and high-grade non-Hodgkin's lymphomas. Dabich L, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):212-7

New materials for cancer therapy. Sugitachi A, et al. **Trans Am Soc Artif Intern Organs** 1984;30:427-31

[A case of remission in diffuse pleural mesothelioma induced by anticancer chemotherapy with cisplatin and adriamycin] Kinoshita S, et al. **Gan To Kagaku Ryoho** 1985 Sep; 12(9):1872-6 (Eng. Abstr.) **(Jpn)**

[Preliminary report of adjuvant chemo-endocrine therapy for breast cancer] Kitamura M, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):111-7 (Eng. Abstr.) **(Jpn)**

[Preoperative chemo-embolization for treatment of hepatocellular carcinoma] Okamura J, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1019-24 (Eng. Abstr.) **(Jpn)**

[Continuous venous infusion in cancer chemotherapy] Ota K. **Gan To Kagaku Ryoho** 1985 Apr;12(4):798-805 (Eng. Abstr.) **(Jpn)**

[Failure to augment the tissue concentration of Adriamycin by simultaneous intra-arterial application of urokinase] Suda Y, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):894-9 (Eng. Abstr.) **(Jpn)**

[The significance of reinduction chemotherapy with adriamycin for relapsed non-Hodgkin's lymphoma of Waldeyer's ring] Takenaka T, et al. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1675-80 (Eng. Abstr.) **(Jpn)**

[Enhanced cytotoxic effect of Adriamycin and vincristine against PC-6 (human lung cancer cell line) and Hattori (human breast cancer cell line)] Terashima M, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):343-7 (Eng. Abstr.) **(Jpn)**

[Intravesical chemotherapy with 4'-Epi-Adriamycin in patients with superficial bladder tumors] Tsushima T, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2502-5 (Eng. Abstr.) **(Jpn)**

[Intra-arterial infusion of adriamycin in the treatment of locally advanced breast cancer] Yayoi E, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 2):2751-9 (Eng. Abstr.) **(Jpn)**

[Effects of arterial chemotherapy in patients with hepatocellular carcinoma--alternate administration of mitomycin C and adriamycin] Hirai K, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jul 20;19(6):1252-8 (Eng. Abstr.) **(Jpn)**

[Chemo-endocrine-immuno therapy with adriamycin, tamoxifen and OK-432 for advanced breast cancer] Sawai K, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jul 20; 19(6):1315-20 (Eng. Abstr.) **(Jpn)**

[A study on the enhancement of pulmonary metastasis by intra-arterial adriamycin in Lewis lung carcinoma] Watanabe H. **Nippon Seikeigeka Gakkai Zasshi** 1984 Jul; 58(7):685-91 (Eng. Abstr.) **(Jpn)**

[Antitumor activity of doxorubicin in the treatment of hemocytoblastosis La and various ascites tumors in mice] Ul'ianova LA, et al. **Antibiotiki** 1984 Nov;29(11):861-6 (Eng. Abstr.) **(Rus)**

[Treatment of advanced stomach carcinoma with adriamycin and 5-fluorouracil] Pérez JE, et al. **Acta Gastroenterol Latinoam** 1984;14(1):63-72 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Managing skin damage induced by doxorubicin hydrochloride and daunorubicin hydrochloride. Cox RF. **Am J Hosp Pharm** 1984 Nov;41(11):2410-4

Prospective evaluation of cardiotoxicity during a six-hour doxorubicin infusion regimen in women with adenocarcinoma of the breast. Speyer JL, et al. **Am J Med** 1985 Apr;78(4):555-63

Hepatic injury during doxorubicin therapy. Avilés A, et al. **Arch Pathol Lab Med** 1984 Nov;108(11):912-3

Perioperative complications in patients with anthracycline chemotherapeutic agents. Burrows FA, et al. **Can Anaesth Soc J** 1985 Mar;32(2):149-57

Early and delayed clinical cardiotoxicity of doxorubicin. Buzdar AU, et al. **Cancer** 1985 Jun 15;55(12):2761-5

Doxorubicin-induced congestive heart failure in adults. Haq MM, et al. **Cancer** 1985 Sep 15;56(6):1361-5

Doxorubicin hydrochloride (Adriamycin) cardiotoxicity evaluated by sequential radionuclide angiocardiography. Piver MS, et al. **Cancer** 1985 Jul 1;56(1):76-80

Acute cardiac failure from doxorubicin cardiotoxicity provoked in relation to second-look laparotomy [letter] Aabo K, et al. **Cancer Treat Rep** 1985 Jun;69(6):730-1

Dynamic left ventricular outflow obstruction and myocardial infarction following doxorubicin administration in a woman affected by unsuspected hypertrophic cardiomyopathy [letter] Mancuso L, et al. **Cancer Treat Rep** 1985 Feb; 69(2):241-4

Failure of scalp hypothermia to prevent hair loss when cyclophosphamide is added to doxorubicin and vincristine. Middleton J, et al. **Cancer Treat Rep** 1985 Apr;69(4):373-5

Ineffectiveness of scalp hypothermia in the prevention of alopecia in patients treated with doxorubicin and cisplatin combinations. Wheelock JB, et al. **Cancer Treat Rep** 1984 Nov;68(11):1387-8

Early detection of anthracycline-induced cardiotoxicity by stress radionuclide cineangiography in conjunction with Fourier amplitude and phase analysis. Alcan KE, et al. **Clin Nucl Med** 1985 Mar;10(3):160-6

Doxorubicin-induced hypersensitivity reactions. Solimando DA Jr, et al. **Drug Intell Clin Pharm** 1984 Oct;18(10):808-11

Neurotoxicity of Adriamycin and misonidazole in the mouse. Boegman RJ, et al. **Exp Neurol** 1985 Jan;87(1):1-8

A prospective randomized comparison of epirubicin and doxorubicin in patients with advanced breast cancer. Jain KK, et al. **J Clin Oncol** 1985 Jun;3(6):818-26

Possible prevention of adriamycin-induced alopecia by tocopherol [letter] Wood LA. **N Engl J Med** 1985 Apr 18;312(16):1060

Adriamycin and soft tissue injury [letter] Broadbent NR, et al. **NZ Med J** 1985 Feb 13;98(772):71

Prevention of extravasation injuries secondary to doxorubicin. Linder RM, et al. **Postgrad Med** 1985 Mar; 77(4):105-9, 112, 114

Clinical toxicity of 4'-epi-doxorubicin (epirubicin). Ganzina F, et al. **Tumori** 1985 Jun 30;71(3):233-40

[Acute cardiac failure precipitated by anesthesia and surgery in patients treated with adriamycin] Jonsson T, et al. **Ugeskr Laeger** 1984 Dec 3;146(49):3837-9 (Eng. Abstr.) **(Dan)**

[Cardiotoxicity of doxorubicin in children (letter)] Brockmeier FK. **Ned Tijdschr Geneeskd** 1984 Oct 27; 128(43):2063 **(Dut)**

[Cardiotoxicity of doxorubicin in children] Pilon JW, et al. **Ned Tijdschr Geneeskd** 1984 Jul 14;128(28):1339-43 (Eng. Abstr.) **(Dut)**

[Control of cardiac function during therapy with doxorubicin and other anthracyclines] Grille W, et al. **Dtsch Med Wochenschr** 1985 Jul 12;110(28-29):1134-7 **(Ger)**

[Possible prevention of adriamycin-induced cardiomyopathy by verapamil. Results of a pilot study] Müllerleile U, et al. **Klin Wochenschr** 1984 Nov 2;62(21):1032-7 (Eng. Abstr.) **(Ger)**

[Is the use of adriamycin (doxorubicin) limited by its cardiotoxicity?] Reinhardt D, et al. **Schweiz Med Wochenschr** 1985 Apr 20;115(16):557-61 (Eng. Abstr.) **(Ger)**

[Pneumatic cold cap for the prevention of doxorubicin-induced alopecia] Samonigg H, et al. **Wien Med Wochenschr** 1984 Nov 15;134(21):467-70 (Eng. Abstr.) **(Ger)**

[A case of pneumocystis carinii pneumonia after chemotherapy of bladder tumor] Ikeuchi H, et al. **Hinyokika Kiyo** 1985 Feb;31(2):309-13 (Eng. Abstr.) **(Jpn)**

ANALOGS & DERIVATIVES

The antineoplastic activity of 4'-deoxydoxorubicin in murine solid tumors. Marmonti L, et al. **Anticancer Res** 1984 Nov-Dec;4(6):425-9

DNA crosslinking by 3'-(3-cyano-4-morpholinyl)-3'-deaminoadriamycin in HT-29 human colon carcinoma cells in vitro. Begleiter A, et al. **Biochem Biophys Res Commun** 1985 Aug 30; 131(1):336-8

Absence of generation of oxygen-containing free radicals with 4'-deoxydoxorubicin, a non-cardiotoxic anthracycline drug. Dickinson AC, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):584-91

Cytotoxic effect of dose and schedule on normal murine hematopoietic progenitor cells following the administration of 4'-deoxydoxorubicin. Pannacciulli I, et al. **Br J Cancer** 1984 Nov;50(5):647-56

Pharmacokinetics and disposition of 4'-O-tetrahydropyranyladriamycin in mice by HPLC analysis. Iguchi H, et al. **Cancer Chemother Pharmacol** 1985; 15(2):132-40

Comparative cytotoxicities of various morpholinyl anthracyclines. Streeter DG, et al. **Cancer Chemother Pharmacol** 1985;14(2):160-4

Damages of the mitochondrial membrane in Adriamycin treated mice. Praet M, et al. **Cancer Lett** 1984 Nov; 25(1):89-96

Phase I and clinical pharmacological evaluation of 4'-deoxydoxorubicin in patients with advanced cancer. Stanton GF, et al. **Cancer Res** 1985 Apr;45(4):1862-8

Sensitivity of human pancreatic carcinoma cell line (MIA PaCa-2) to Bisantrene and Theprubicin in vitro. Fountzilas G, et al. **In Vitro** 1984 Sep;20(9):685-91

Phase I study with 4'-deoxydoxorubicin. Ferrari L, et al. **Invest New Drugs** 1984;2(3):287-95

A method for the simultaneous measurement of the new anthracycline derivative 4'-deoxydoxorubicin and its metabolites by reversed phase liquid chromatography. Peng YM, et al. **Invest New Drugs** 1984;2(3):277-80

Phase I trial of 4'-deoxydoxorubicin given weekly. Sessa C, et al. **Invest New Drugs** 1984;2(4):369-73

New anthracycline glycosides obtained by the nitrous acid deamination of daunorubicin, doxorubicin and their configurational analogues. Cassinelli G, et al. **J Antibiot (Tokyo)** 1985 Jul;38(7):856-67

Synthesis and antitumor activity of 3'-deamino-3'-hydroxydoxorubicin. A facile procedure for the preparation of doxorubicin analogs. Horton D, et al. **J Antibiot (Tokyo)** 1984 Aug;37(8):853-8

3'-Deamino-4'-epi-3'-hydroxy-daunorubicin and -doxorubicin. Synthesis and antitumor activity. Horton D, et al. **J Antibiot (Tokyo)** 1984 Dec;37(12):1635-41

Cellular uptake and efflux and cytostatic activity of 4'-O-tetrahydropyranyladriamycin in adriamycin-sensitive and resistant tumor cell lines. Kunimoto S, et al. **J Antibiot (Tokyo)** 1984 Dec;37(12):1697-702

The absolute structures of THP-adriamycins. Umezawa H, et al. **J Antibiot (Tokyo)** 1984 Sep;37(9):1094-7

Method for the determination of 4'-deoxydoxorubicin, 4'-deoxydoxorubicinol and their 7-deoxyaglycones in human serum by high-performance liquid chromatography. Cummings J. **J Chromatogr** 1985 Jun 14;341(2):401-9

Determination of adriamycin, adriamycinol and their 7-deoxyaglycones in human serum by high-performance liquid chromatography. Cummings J, et al. **J Chromatogr** 1984 Nov 9;311(1):125-33

In vitro sensitivity of myeloblast clonogenic cells to doxorubicin, aclacinomycin A, and 4'-O-tetrapyranyl-doxorubicin: correlations with clinical responses. Georgoulias V, et al. **J Clin Oncol** 1984 Nov; 2(11):1215–22

Adriamycin analogues. rationale, synthesis, and preliminary antitumor evaluation of highly active DNA-nonbinding N-(trifluoroacetyl)adriamycin 14-O-hemiester derivatives. Israel M, et al. **J Med Chem** 1985 Sep;28(9):1223–8

Intraarterial infusion of 4'-O-tetrahydropyranyl-adriamycin for head and neck tumors. Honda T, et al. **Jpn J Antibiot** 1984 Jun;37(6):959–65

Relationship between the intracellular level and growth inhibition of a new anthracycline 4'O-tetrahydropyranyl-Adriamycin in Friend leukemia cell variants. Munck JN, et al. **Leuk Res** 1985;9(2):289–96

Thiol-dependent DNA damage produced by anthracycline-iron complexes. The structure-activity relationships and molecular mechanisms. Muindi J, et al. **Mol Pharmacol** 1985 Mar;27(3):356–65

Dissociation of antitumor potency from anthracycline cardiotoxicity in a doxorubicin analog. Sikic BI, et al. **Science** 1985 Jun 28;228(4707):1544–6

Embryotoxic effects of doxorubicin and N-trifluoroacetyladriamycin-14-valerate (AD-32). Zirvi KA, et al. **Teratology** 1985 Apr;31(2):247–52

THP-ADM in the treatment of acute promyelocytic leukemia. Uzuka Y, et al. **Tohoku J Exp Med** 1985 May; 146(1):1–8

[A study on the correlation between the concentration of antitumor agent and the clinical effect. An experience with THP-ADM] Ogawa A, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):303–8 (Eng. Abstr.) **(Jpn)**

[Phase I trial of 4'-O-tetrahydropyranyl-doxorubicin (THP)—a multi-institutional cooperative study] Wakui A, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):118–24 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Assay of doxorubicin and 4'-epidoxorubicin by reversed-phase ion-pair chromatography. Thomas AH, et al. **J Chromatogr** 1984 Sep 21;299(2):489–94

Aspects of the chemical stability of doxorubicin and seven other anthracyclines in acidic solution. Beijnen JH, et al. **Pharm Weekbl [Sci]** 1985 Jun 21;7(3):109–16

[Determination of adriamycin and its metabolites in biological samples using high performance liquid chromatography. II. Analysis of tissues by extraction method] Masuike T, et al. **Yakugaku Zasshi** 1984 Jun;104(6):620–3 (Eng. Abstr.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Protective effects of O-(beta-hydroxyethyl)-rutosides (HR) against adriamycin-induced toxicity in rats. Gulati OP, et al. **Arch Int Pharmacodyn Ther** 1985 Feb;273(2):323–34

The effect of N-acetylcysteine on toxicity of cyclophosphamide and doxorubicin on murine hemopoietic progenitors. Massa G, et al. **Life Sci** 1985 Mar 25; 36(12):1141–7

Effect of dextran sulfate on the survival time and mitochondrial function of Adriamycin (doxorubicin)-treated mice. Shinozawa S, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):353–7

BLOOD

Improved high-performance liquid chromatography assay of doxorubicin: detection of circulating aglycones in human plasma and comparison with thin-layer chromatography. Brenner DE, et al. **Cancer Chemother Pharmacol** 1985; 14(2):139–45

Intravesical instillation of Adriamycin early after transurethral resection: measurements of plasma levels. Larson A, et al. **Eur Urol** 1984;10(6):398–400

Cross-over study of pharmacokinetics and haematological toxicity of 4'-epi-doxorubicin and doxorubicin in cancer patients. Martini A, et al. **Int J Clin Pharmacol Res** 1984; 4(3):231–8

Simplified toxicologic monitoring of adriamycin, its major metabolites and nogalamycin by reverse-phase high pressure liquid chromatography, Part I: Analytical techniques for isolated human plasma. Quattrone AJ, et al. **J Anal Toxicol** 1980 Jan–Feb;4(1):12–5

Determination of adriamycin, adriamycinol and their 7-deoxyaglycones in human serum by high-performance liquid chromatography. Cummings J, et al. **J Chromatogr** 1984 Nov 9;311(1):125–33

New high-performance liquid chromatographic assay for plasma doxorubicin. Kotake AN, et al. **J Chromatogr** 1985 Jan 11;337(1):194–200

Systemic thermochemotherapy: toxicity and plasma pharmacokinetics of methotrexate and doxorubicin. Daly JM, et al. **J Surg Res** 1984 Nov;37(5):343–7

[Determination of adriamycin and its metabolites in biological samples using high performance liquid chromatography. I. Analysis of serum and plasma by direct injection method] Masuike T, et al. **Yakugaku Zasshi** 1984 Jun;104(6):614–9 (Eng. Abstr.) **(Jpn)**

METABOLISM

Clear evidence for the participation of OH in lambda DNA breakage induced by the enzymatic reduction of adriamycin in the presence of iron-ADP. Importance of local OH concentration for DNA strand cleavage. Sugioka K, et al. **Biochem Int** 1984 Aug;9(2):237–42

Mechanisms regulating cell resistance to adriamycin. Evidence that drug accumulation in resistant cells is modulated by phosphorylation of a plasma membrane glycoprotein. Center MS. **Biochem Pharmacol** 1985 May 1;34(9):1471–6

The interaction of adriamycin with cardiolipin in model and rat liver mitochondrial membranes. Nicolay K, et al. **Biochim Biophys Acta** 1984 Dec 5;778(2):359–71

Neither adriamycin nor actinomycin D displaces Tb3+ from DNA. Stokke T, et al. **Biochim Biophys Acta** 1985 Aug 21;825(4):416–8

Adriamycin-loaded albumin microspheres: preparation, in vivo distribution and release in the rat. Willmott N, et al. **Biopharm Drug Dispos** 1985 Jan–Mar;6(1):91–104

Comparison of the cellular pharmacology of doxorubicin in resistant and sensitive models of pancreatic cancer. Chang BK, et al. **Cancer Chemother Pharmacol** 1985;14(2):132–4

Effect of amphotericin B on Adriamycin transport in P388 cells. Krishan A, et al. **Cancer Res** 1985 Sep;45(9):4097–102

Flow cytometric studies on modulation of cellular adriamycin retention by phenothiazines. Krishan A, et al. **Cancer Res** 1985 Mar;45(3):1046–51

Comparative pharmacokinetics and metabolism of doxorubicin and epirubicin in patients with metastatic breast cancer. Robert J, et al. **Cancer Treat Rep** 1985 Jun; 69(6):633–40

A mathematical model and computer program for adriamycin distribution and elimination. Luecke RH, et al. **Comput Methods Programs Biomed** 1985 May;20(1):23–31

Cell cycle-dependent Adriamycin uptake in Chinese hamster cells. Tokita N, et al. **Eur J Cancer Clin Oncol** 1985 Feb; 21(2):243–7

Pharmacokinetic study of i.v. infusions of adriamycin. Eksborg S, et al. **Eur J Clin Pharmacol** 1985;28(2):205–12

Doxorubicin and covalently crosslinked doxorubicin derivatives binding to purified cardiac thin-filament proteins in vitro. Lewis W, et al. **Exp Mol Pathol** 1985 Aug;43(1):64–73

Reactions of the semiquinone free radicals of anti-tumour agents with oxygen and iron complexes. Butler J, et al. **FEBS Lett** 1985 Mar 11;182(1):95–8

Transfer of ferritin-bound iron to adriamycin. Demant EJ. **FEBS Lett** 1984 Oct 15;176(1):97–100

Rapid distribution of adriamycin in the ascitic and pleural fluid of women with ovarian carcinomas. Lazo JS, et al. **Gynecol Oncol** 1985 May;21(1):65–72

A double fluorescence method for determining doxorubicin distribution and vascular supply in the mouse kidney. Paschoud N, et al. **J Histochem Cytochem** 1985 Jan; 33(1):73–6

Comparative computer graphics and solution studies of the DNA interaction of substituted anthraquinones based on doxorubicin and mitoxantrone. Islam SA, et al. **J Med Chem** 1985 Jul;28(7):857–64

Pharmacokinetic study on the mechanism of tissue distribution of doxorubicin: interorgan and interspecies variation of tissue-to-plasma partition coefficients in rats, rabbits, and guinea pigs. Terasaki T, et al. **J Pharm Sci** 1984 Oct;73(10):1359–63

Retrograde axoplasmic transport of adriamycin: an experimental form of motor neuron disease? Yamamoto T, et al. **Neurology (NY)** 1984 Oct;34(10):1299–304

Pharmacologic data and technical feasibility of intraperitoneal doxorubicin administration. Demicheli R, et al. **Tumori** 1985 Feb 28;71(1):63–8

[Effects of calcium influx blocker on the cellular transport of Adriamycin] Sasaki K, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):966–8 (Eng. Abstr.) **(Jpn)**

[Flow cytometric measurement of adriamycin in 3T3 cells] Sasaki K, et al. **Nippon Gan Chiryo Gakkai Shi** 1985 Feb 20;20(1):66–70 (Eng. Abstr.) **(Jpn)**

[Flow cytometric analysis of cellular transport of adriamycin] Sasaki K, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jun 20;19(5):1028–31 (Eng. Abstr.) **(Jpn)**

[Increased accumulation of adriamycin in mouse 3T3 cells with hyperthermia] Kawasaki S, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 May 25; 44(5):727–31 (Eng. Abstr.) **(Jpn)**

[New concepts of microsomal metabolism of the antibiotic adriamycin] Bogush TA, et al. **Bioorg Khim** 1985 Jun; 11(6):853–5 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

The effects of doxorubicin on hemodynamic parameters in rabbits. Drzewoski J, et al. **Agressologie** 1984 Sep; 25(8):909–12

Usefulness of a free radical scavenger in preventing doxorubicin-induced heart failure in dogs. Unverferth DV, et al. **Am J Cardiol** 1985 Jul 1;56(1):157–61

The effect of adriamycin on rat incisor one day after administration. Karim AC. **Anat Rec** 1985 Jan;211(1):17–23

Adriamycin as an inhibitor of 11 beta-hydroxylase activity in adrenal cortex mitochondria. Cuéllar A, et al. **Arch Biochem Biophys** 1984 Dec;235(2):538–43

Effect of doxorubicin-enhanced hydrogen peroxide and hydroxyl radical formation on calcium sequestration by cardiac sarcoplasmic reticulum. Harris RN, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):739–45

Investigations of the action of the antitumour drug adriamycin on tumour cell membrane functions—I. Chahwala SB, et al. **Biochem Pharmacol** 1985 May 1; 34(9):1501–5

Effects of doxorubicin and verapamil on calcium uptake in primary cultures of rat myocardial cells. Combs AB, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):1115–6

Doxorubicin induced alterations in lipid metabolism of cultured myocardial cells. Demant EJ, et al. **Biochem Pharmacol** 1985 May 15;34(10):1741–6

Stimulation by doxorubicin of adrenochrome formation by bovine heart sarcolemma. Georgountzos A, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3707–9

Augmentation of adriamycin, melphalan, and cisplatin cytotoxicity in drug-resistant and -sensitive human ovarian carcinoma cell lines by buthionine sulfoximine mediated glutathione depletion. Hamilton TC, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2583–6

Enhancement of reactive oxygen-dependent mitochondrial membrane lipid peroxidation by the anticancer drug adriamycin. Mimnaugh EG, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):847–56

Two mechanisms of adriamycin-DNA interaction in L1210 cells. Potmesil M, et al. **Biochem Pharmacol** 1984 Oct 15; 33(20):3137–42

Adriamycin—a potent inhibitor of Ca2+-cardiolipin interaction. Sokolove PM. **Biochem Pharmacol** 1984 Nov 1;33(21):3513–5

Adriamycin effects on transplasma membrane redox functions in porcine neutrophils. McLoughlin PM, et al. **Biochim Biophys Acta** 1984 Nov 6;802(1):71–6

Restoration of doxorubicin responsiveness in doxorubicin-resistant P388 murine leukaemia cells. Ramu A, et al. **Br J Cancer** 1984 Oct;50(4):501–7

Effects of intravesical instillation of antitumor chemotherapeutic agents on bladder carcinogenesis in rats treated with N-butyl-N-(4-hydroxybutyl)nitrosamine. Ohtani M, et al. **Cancer** 1984 Oct 15;54(8):1525–9

Agarose gel electrophoretic analysis of damage to supercoiled DNA by adriamycin in the presence of beta-NADH dehydrogenase. Haidle CW, et al. **Cancer Biochem Biophys** 1985 Jun;8(1):47–59

Potential limitations of in vitro clonogenic drug sensitivity assays. Dong GW, et al. **Cancer Chemother Pharmacol** 1984; 13(3):206–10

Identification of anthracycline analogues with enhanced cytotoxicity and lack of cross-resistance to adriamycin using a series of mammalian cell lines in vitro. Hill BT, et al. **Cancer Chemother Pharmacol** 1985;14(3):194–201

Cross resistance to esters of methotrexate in a doxorubicin-resistant subline of P388 murine leukemia. Ramu A, et al. **Cancer Chemother Pharmacol** 1985; 15(1):31–4

Stability of doxorubicin in relation to chemosensitivity determinations: loss of lethality and retention of antiproliferative activity. Pavlik EJ, et al. **Cancer Invest** 1984;2(6):449–58

Adriamycin does not affect the repair of X-ray induced DNA single strand breaks. Cantoni O, et al. **Cancer Lett** 1985 Jun;27(2):215–9

Effects of the antitumor drug Adriamycin on human red blood cell discocyte-echinocyte transitions. Chahwala SB, et al. **Cancer Res** 1985 Oct;45(10):4986–9

Multidrug (pleiotropic) resistance in doxorubicin-selected variants of the human sarcoma cell line MES-SA. Harker WG, et al. **Cancer Res** 1985 Sep;45(9):4091–6

Reversal of resistance to rhodamine 123 in adriamycin-resistant Friend leukemia cells. Lampidis TJ, et al. **Cancer Res** 1985 Jun;45(6):2626–31

Adriamycin-enhanced membrane lipid peroxidation in isolated rat nuclei. Mimnaugh EG, et al. **Cancer Res** 1985 Jul;45(7):3296–304

Cell surface effects of adriamycin and carminomycin immobilized on cross-linked polyvinyl alcohol. Wingard LB Jr, et al. **Cancer Res** 1985 Aug;45(8):3529–36

Effects of verapamil on etoposide, vincristine, and adriamycin activity in normal human bone marrow granulocyte-macrophage progenitors and in human K562 leukemia cells in vitro. Yalowich JC, et al. **Cancer Res** 1985 Oct;45(10):4921–4

Acute effects of doxorubicin on chronotropic and inotropic mechanisms in guinea pig atria. Politi PM, et al. **Cancer Treat Rep** 1985 Jul–Aug;69(7–8):859–65

HL-60 human leukaemic cell line colonies in agar capillaries: comparison of their reactivity to hormones, cytostatics and selective inhibitors of proliferation. Mann J, et al. **Cell Biol Int Rep** 1985 Mar;9(3):201–7

Regular pattern of karyotypic alterations accompanying gene amplification in Djungarian hamster cells: study of colchicine, adriablastin, and methotrexate resistance. Kopnin BP, et al. **Chromosoma** 1985;92(1):25–36

Effect of prolonged expansion of marrow progenitor compartments following doxorubicin (ADR) on subsequent radiation tolerance. Kovacs CJ, et al. **Exp Hematol** 1985; 13 Suppl 16:89–94

Augmentation of the cell-mediated cytotoxic response induced in mixed cell culture by adriamycin. Arinaga S, et al. **Gann** 1985 May;76(5):414–9

Effect of adriamycin administration on some mitochondrial enzyme activities in rats. Muhammed H, et al. **Indian J Biochem Biophys** 1984 Jun;21(3):208–10

Adriamycin does have a potentially depressant effect on left ventricular contractility [letter] Singal PK.

Int J Cardiol 1985 Apr;7(4):447-9

Induction of suppressor T cells in culture--II. Modification by adriamycin. Ryoyama K, et al. **Int J Immunopharmacol** 1984;6(5):521-7

Cellular uptake and efflux and cytostatic activity of 4'-O-tetrahydropyranyladriamycin in adriamycin-sensitive and resistant tumor cell lines. Kunimoto S, et al. **J Antibiot (Tokyo)** 1984 Dec;37(12):1697-702

Inhibition of plasma membrane NADH dehydrogenase by adriamycin and related anthracycline antibiotics. Sun IL, et al. **J Bioenerg Biomembr** 1984 Jun;16(3):209-21

Doxorubicin induces calcium release from terminal cisternae of skeletal muscle. A study on isolated sarcoplasmic reticulum and chemically skinned fibers. Zorzato F, et al. **J Biol Chem** 1985 Jun 25;260(12):7349-55

In vitro sensitivity of myeloblast clonogenic cells to doxorubicin, aclacinomycin A, and 4'-O-tetrapyranyl-doxorubicin: correlations with clinical responses. Georgoulias V, et al. **J Clin Oncol** 1984 Nov;2(11):1215-22

Effect of riboflavin-butyrate on cardiac glutathione reductase affected by adriamycin. Hino Y, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Apr;31(2):139-45

Effects of vitamins on lipid peroxidation and suppression of DNA synthesis induced by adriamycin in Ehrlich cells. Okamoto K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Apr;31(2):129-37

Response to doxorubicin of cultured normal and cancerous human mammary epithelial cells. Smith HS, et al. **JNCI** 1985 Feb;74(2):341-7

Enhanced tumor load reduction after chemotherapy induced recruitment and synchronization in a slowly growing rat leukemia model (BNML) for human acute myelocytic leukemia. Colly LP, et al. **Leuk Res** 1984;8(6):953-63

Cell kinetic studies after high dose Ara-C and adriamycin treatment in a slowly growing rat leukemia model (BNML) for human acute myelocytic leukemia. Colly LP, et al. **Leuk Res** 1984;8(6):945-52

Selective inhibition of cardiac cyclic nucleotide phosphodiesterases by doxorubicin and daunorubicin. Law J, et al. **Life Sci** 1985 Feb 11;36(6):589-99

Decreased cardiac lipoprotein lipase activity in rats treated chronically with adriamycin. Thayer WS. **Life Sci** 1985 Feb 18;36(7):635-41

Evidence on the retrograde neurotoxicity of doxorubicin. van der Kooy D, et al. **Neurosci Lett** 1985 Jan 21;53(2):215-9

Effects of multiple doxorubicin doses on mouse cardiac and hepatic catalase. D'Alessandro N, et al. **Pharmacol Res Commun** 1984 Feb;16(2):145-51

Adriamycin effects on insulin secretion, Ca2+ movements and glucose oxidation in pancreatic islet cells. Deleers M, et al. **Pharmacol Res Commun** 1985 Mar;17(3):227-32

Useful new anti-cancer agent [news] **Practitioner** 1985 Apr;229(1402):310

Effects of adriamycin on the macromolecular synthesis in rat myocardiocytes and KB cells. Okano C, et al. **Res Commun Chem Pathol Pharmacol** 1984 Aug;45(2):279-88

Inhibition of acetate incorporation into lipids by adriamycin. Okano C, et al. **Res Commun Chem Pathol Pharmacol** 1984 Nov;46(2):293-6

Adriamycin-induced DNA damage mediated by mammalian DNA topoisomerase II. Tewey KM, et al. **Science** 1984 Oct 26;226(4673):466-8

Comparison of lipid peroxidation and myocardial damage induced by adriamycin and 4'-epiadriamycin in mice. Llesuy SF, et al. **Tumori** 1985 Jun 30;71(3):241-9

[Determination of systolic time intervals in healthy and in adriamycin-treated children] Kasih EN, et al. **Klin Padiatr** 1984 Nov-Dec;196(6):360-6 (Eng. Abstr.) **(Ger)**

[Comparison of human tumor clonogenic and nude mouse-isotope assays in anticancer-agent sensitivity tests] Hirabayashi N, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1808-12 (Eng. Abstr.) **(Jpn)**

[Immunological study on localized intrahepatic injection of Adriamycin--experimental study in rats] Takada T, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):907-12 (Eng. Abstr.) **(Jpn)**

[Studies on sensitivity test with clonogenic assay against chemo-endocrine therapy for human breast cancer] Hamada Y. **Nippon Geka Gakkai Zasshi** 1985 Apr;86(4):411-23 (Eng. Abstr.) **(Jpn)**

[Scanning electron microscopic observation of the repair of the rat bladder urothelium damaged by adriamycin] Hikima N. **Nippon Ika Daigaku Zasshi** 1985 Apr;52(2):131-7 (Eng. Abstr.) **(Jpn)**

POISONING

Poikilocytosis in dogs with chronic doxorubicin toxicosis. Badylak SF, et al. **Am J Vet Res** 1985 Feb;46(2):505-8

RADIATION EFFECTS

Photoinduced reactions of anthraquinone antitumor agents with peptides and nucleic acid bases: an electron spin resonance and spin trapping study. Carmichael AJ, et al. **Arch Biochem Biophys** 1985 Mar;237(2):433-44

THERAPEUTIC USE

Treatment of advanced endometrial carcinoma with cisplatin, cyclophosphamide and doxorubicin. Deppe G, et al. **Acta Obstet Gynecol Scand** 1985;64(1):83-4

Limb-sparing surgery for extremity sarcomas after preoperative intraarterial doxorubicin and radiation therapy. Goodnight JE Jr, et al. **Am J Surg** 1985 Jul;150(1):109-13

Recurrence prophylaxis of bladder cancer. Pavone-Macaluso M. **Ann Chir Gynaecol** 1984;73(4):243

Ultrasound in monitoring patients with hepatocellular carcinoma treated with adriamycin. Sciarrino E, et al. **Ann Radiol (Paris)** 1985;28(1):21-4

Superior therapeutic activity of liposome-associated adriamycin in a murine metastatic tumour model. Gabizon A, et al. **Br J Cancer** 1985 May;51(5):681-9

Choosing the right intravesical chemotherapeutic agent. Results of an in vitro monolayer cell culture assay. Whelan P, et al. **Br J Urol** 1984 Dec;56(6):655-7

American symposium looks at new antineoplastic drug. Korcok M. **Can Med Assoc J** 1985 Jul 1;133(1):66-7

Adriamycin and cytosine arabinoside contribute equally to prediction of response in acute myelocytic leukemia with improved confidence level. Lihou MG, et al. **Cancer Chemother Pharmacol** 1985;14(2):116-9

Positive interactions between interferon and chemotherapy due to direct tumor action rather than effects on host drug-metabolizing enzymes. Balkwill FR, et al. **Cancer Res** 1984 Nov;44(11):5249-55

Phase II study of 4'-epi-doxorubicin in advanced breast cancer. Campora E, et al. **Cancer Treat Rep** 1984 Oct;68(10):1285-6

Doxorubicin, dacarbazine, vincristine, and cyclophosphamide in the treatment of advanced gastrointestinal leiomyosarcoma. Choi TK, et al. **Cancer Treat Rep** 1985 Apr;69(4):443-4

Phase II trial of 4'-epi-doxorubicin in advanced carcinoma of head and neck origin. Magee MJ, et al. **Cancer Treat Rep** 1985 Jan;69(1):125-6

Phase II trial of 4'-epi-doxorubicin in advanced colorectal carcinoma: a Northern California Oncology Group study. Meyers FJ, et al. **Cancer Treat Rep** 1985 Jan;69(1):143-4

Interferon and doxorubicin in renal cell carcinoma. Muss HB, et al. **Cancer Treat Rep** 1985 Jun;69(6):721-2

Phase II study of epirubicin in advanced adenocarcinoma of the pancreas. Wils J, et al. **Eur J Cancer Clin Oncol** 1985 Feb;21(2):191-4

Effect of adriamycin on experimental proliferative vitreoretinopathy in the rabbit. Sunalp MA, et al. **Exp Eye Res** 1985 Jul;41(1):105-15

A randomized trial comparing mitoxantrone with doxorubicin in patients with stage IV breast cancer. Allegra JC, et al. **Invest New Drugs** 1985;3(2):153-61

A randomized multicenter trial of cyclophosphamide, Novantrone and 5-fluorouracil (CNF) versus cyclophosphamide, Adriamycin and 5-fluorouracil (CAF) in patients with metastatic breast cancer. Bennett JM, et al. **Invest New Drugs** 1985;3(2):179-85

A randomized trial of doxorubicin, mitoxantrone and bisantrene in advanced breast cancer (a South West Oncology Group Study). Cowan JD, et al. **Invest New Drugs** 1985;3(2):149-52

The effectiveness of the anthracycline analog 4'-epidoxorubicin in the treatment of experimental tumors: a review. Goldin A, et al. **Invest New Drugs** 1985;3(1):3-21 (41 ref.)

Epirubicin in colorectal cancer. A phase II study of the early clinical trials group (EORTC). Holdener EE, et al. **Invest New Drugs** 1985;3(1):63-6

Phase II study of epirubicin in advanced malignant melanoma. Lopez M, et al. **Invest New Drugs** 1984;2(3):315-7

Phase II trial of 4'-epi-doxorubicin in metastatic colorectal carcinoma. Wils JA. **Invest New Drugs** 1984;2(4):397-9

Streptozocin plus fluorouracil versus doxorubicin therapy for metastatic carcinoid tumor. Engstrom PF, et al. **J Clin Oncol** 1984 Nov;2(11):1255-9

A randomized clinical trial of adjuvant adriamycin in uterine sarcomas: a Gynecologic Oncology Group Study. Omura GA, et al. **J Clin Oncol** 1985 Sep;3(9):1240-5

Treatment of superficial bladder tumors in a controlled trial with thio-TEPA versus adriamycin. Horn Y, et al. **J Surg Oncol** 1984 Sep;27(1):67-9

Intravesical instillation of doxorubicin hydrochloride and its incorporation into bladder tumors. Nakada T, et al. **J Urol** 1985 Jul;134(1):54-7

Preliminary phase II study of adriamycin (ADM) in patients with non-small cell lung cancer (NSCLC). Fujita J, et al. **Jpn J Clin Oncol** 1985 Jun;15(2):365-8

Antitumor effect of lipiodolized doxorubicin on VX2 carcinoma in rabbits. Furuta T, et al. **Jpn J Surg** 1985 Jan;15(1):89-91

In vitro sensitivity of leukemic clonogenic cells to four anthracyclines (adriamycin, daunorubicin, rubidazone and aclacinomycin) in human acute myeloid leukemia. Marie JP, et al. **Nouv Rev Fr Hematol** 1985;27(3):163-7

A pilot study of epidoxorubicin (NSC 256942) in combination treatment of acute leukaemia and non-Hodgkin's lymphoma. Eridani S, et al. **Oncology** 1984;41(6):383-6

Proteinuria after intravesical chemotherapy. Cooper EH, et al. **Prog Clin Biol Res** 1985;185B:167-71

Intravesical adriamycin instillations--what happens to the drug? Engelmann UH, et al. **Prog Clin Biol Res** 1985;185B:95-104 (25 ref.)

The place of chemotherapy associated with active immunotherapy with levamisol in advanced bladder cancer. Giannopoulos A, et al. **Prog Clin Biol Res** 1984;162B:123-4

Adjuvant chemotherapy of superficial transitional cell carcinoma: an E.O.R.T.C. randomized trail comparing doxorubicin hydrochloride, ethoglucid and TUR-alone. Kurth KH, et al. **Prog Clin Biol Res** 1985;185B:135-42

Intravesical adriamycin. Pavone-Macaluso M, et al. **Prog Clin Biol Res** 1985;185B:123-33 (19 ref.)

Treatment of bladder cancer with intravesical instillation of adriamycin. Pavone-Macaluso M, et al. **Prog Clin Biol Res** 1984;162B:181-91 (27 ref.)

Early adjuvant adriamycin in superficial bladder carcinoma. Schulman CC, et al. **Prog Clin Biol Res** 1984;162B:151-62

Irradiation, chemotherapy and surgery in esophageal cancer: a randomized clinical study. The first Scandinavian trial in esophageal cancer. Andersen AP, et al. **Radiother Oncol** 1984 Oct;2(3):179-88

A comparative trial of mitoxantrone and doxorubicin in patients with minimally pretreated breast cancer. Neidhart JA, et al. **Semin Oncol** 1984 Sep;11(3 Suppl 1):11-4

[4'-epidoxorubicin] Mechl Z. **Cas Lek Cesk** 1985 Jun 14;124(24):755-7 **(Cze)**

[Hepatocellular carcinoma with cirrhosis: treatment with doxorubicin. Phase II evaluation] Barbare JC, et al. **Bull Cancer (Paris)** 1984;71(5):442-5 (Eng. Abstr.) **(Fre)**

[Chemotherapy for medullary cancer of the thyroid. Phase II trials with adriamycin and cis-platinum administered as monochemotherapy] Droz JP, et al. **Bull Cancer (Paris)** 1984;71(3):195-9 (Eng. Abstr.) **(Fre)**

[Treatment of hepatocellular carcinoma with adriamycin. Phase II clinical trial (letter)] Barbare JC, et al. **Gastroenterol Clin Biol** 1984 Aug-Sep;8(8-9):679-80 **(Fre)**

[Adjuvant topical doxorubicin therapy in bladder cancer] Vecsey D, et al. **Fortschr Med** 1984 Sep 27;102(36):909-12 (Eng. Abstr.) **(Ger)**

[Bronchial arterial cytostatic perfusion of bronchial cancer] Schulz V, et al. **Prax Klin Pneumol** 1984 Aug;38(8):356-65 (Eng. Abstr.) **(Ger)**

[Prevention of recurrence in urinary bladder tumors by intravesical instillation treatment with adriamycin] Flamm J, et al. **Urologe [Ausg A]** 1985 Jan;24(1):31-5 (Eng. Abstr.) **(Ger)**

[Prevention of the recurrence of bladder tumors with local adriamycin therapy] Somogyi L, et al. **Orv Hetil** 1984 Oct 7;125(41):2503-6 (Eng. Abstr.) **(Hun)**

[In vitro evaluation of the chemosensitivity of an experimental murine leukemia rendered resistant in vivo to adriamycin] Lepri E, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1369-75 (Eng. Abstr.) **(Ita)**

[Combined therapy with microwave hyperthermia and adriamycin in MM2-bearing mice] Honda H, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2563-7 (Eng. Abstr.) **(Jpn)**

[A phase I study of 4'-epi-adriamycin, a new anthracycline anticancer agent] Kimura K, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2414-9 (Eng. Abstr.) **(Jpn)**

[Effect of preoperative intra-arterial infusion of adriamycin on locally advanced breast cancer] Morimoto T, et al. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1599-605 (Eng. Abstr.) **(Jpn)**

[Intra-arterial infusion chemotherapy and transcatheter arterial chemo-embolization for patients with simultaneous bilateral breast cancer] Takatsuka Y, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1143-6 (Eng. Abstr.) **(Jpn)**

[Intraarterial Adriamycin for patients with hepatocellular carcinoma and metastatic liver carcinoma] Ueoka H, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2579-84 (Eng. Abstr.) **(Jpn)**

[Calcium antagonist enhances the effect of adriamycin] Matsuoka H, et al. **Nippon Geka Gakkai Zasshi** 1985 Apr;86(4):508 **(Jpn)**

[Intravesical chemotherapy of bladder cancer using adriamycin] Matveev BP, et al. **Urol Nefrol (Mosk)** 1984 Sep-Oct;(5):6-9 (Eng. Abstr.) **(Rus)**

[Low-grade, low-stage transitional carcinoma of the bladder. Analysis of 147 cases] Escudero Barrilero A, et al. **Actas Urol Esp** 1985 Mar-Apr;9(2):135-46 (Eng. Abstr.) **(Spa)**

[Comparative study of 3 series of patients treated respectively with thiotepa, adriamycin and cisplatin] Nogueira March JL, et al. **Actas Urol Esp** 1984 Jul-Aug;8(4):325-8 (Eng. Abstr.) **(Spa)**

TOXICITY

Cytotoxic effects of adriamycin on the central nervous system of the mouse--cytofluorescence and electron-microscopic observations after various modes of administration. Bigotte L, et al. **Acta Neurol Scand [Suppl]** 1984;100:55-67 (78 ref.)

Inhibition of doxorubicin-induced liver toxicity by a new dihydroquinoline type antioxidant. Sréter I, et al. **Acta Physiol Hung** 1984;64(3-4):431-5

Ultrastructural features of Adriamycin-induced skeletal and cardiac muscle toxicity. Doroshow JH, et al. **Am J Pathol** 1985 Feb;118(2):288-97

Evaluation of free radical effects and catecholamine alterations in adriamycin cardiotoxicity. Jackson JA, et al. **Am J Pathol** 1984 Oct;117(1):140-53

Steroids and Adriamycin nephrosis. Bertani T, et al.

Appl Pathol 1984;2(1):32-8

Interaction with protein SH groups could be involved in adriamycin cardiotoxicity. Fabregat I, et al. **Biochem Med** 1984 Dec;32(3):289-95

Free radical production from normal and adriamycin-treated rat cardiac sarcosomes. Thornalley PJ, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):669-74

Medroxyprogesterone acetate does not protect human bone marrow progenitor cells exposed to adriamycin in vitro. Umbach GE, et al. **Breast Cancer Res Treat** 1985;5(1):87-9

Occurrence of intramitochondrial Ca2+ granules in a hypertrophied heart exposed to adriamycin. Singal PK, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1239-44

Amelioration of doxorubicin-induced skin necrosis in mice by butylated hydroxytoluene. Daugherty JP, et al. **Cancer Chemother Pharmacol** 1985;14(3):243-6

Lysosomal alterations in heart and liver of mice treated with doxorubicin. Gebbia N, et al. **Cancer Chemother Pharmacol** 1985;15(1):26-30

Cytotoxicity of adriamycin in MGH-U1 cells grown as monolayer cultures, spheroids, and xenografts in immune-deprived mice. Erlichman C, et al. **Cancer Res** 1984 Nov;44(11):5369-75

Differential effect of the calmodulin inhibitor trifluoperazine on cellular accumulation, retention, and cytotoxicity of anthracyclines in doxorubicin (adriamycin)-resistant P388 mouse leukemia cells. Ganapathi R, et al. **Cancer Res** 1984 Nov;44(11):5056-61

Comparison of the effectiveness of (+/-)-1,2-bis(3,5-dioxopiperazinyl-1-yl)propane (ICRF-187) and N-acetylcysteine in preventing chronic doxorubicin cardiotoxicity in beagles. Herman EH, et al. **Cancer Res** 1985 Jan;45(1):276-81

Involvement of plasma membrane lipid structural order in adriamycin resistance in Chinese hamster lung cells. Rintoul DA, et al. **Cancer Res** 1984 Nov;44(11):4978-80

Cross-resistance to rhodamine 123 in Adriamycin- and daunorubicin-resistant Friend leukemia cell variants. Tapiero H, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5544-9

Phase II evaluation of 4'-epi-doxorubicin in patients with metastatic colorectal carcinoma. Ajani JA, et al. **Cancer Treat Rep** 1984 Dec;68(12):1507-8

Cold protection and heat enhancement of doxorubicin skin toxicity in the mouse. Dorr RT, et al. **Cancer Treat Rep** 1985 Apr;69(4):431-7

Phase II trial of 4'-epi-doxorubicin in metastatic melanoma. Torti FM, et al. **Cancer Treat Rep** 1984 Dec;68(12):1509-10

Adriamycin cardiomyopathy in the rabbit: an animal model of low output cardiac failure with activation of vasoconstrictor mechanisms. Arnolda L, et al. **Cardiovasc Res** 1985 Jun;19(6):378-82

Species, strain, sex and weekly age differences of lipid peroxide levels in animal tissues before and after adriamycin administration. Sazuka Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4110-6

Effects of feed-pairing and different doses of doxorubicin on mortality and electrolyte changes in the mouse heart. Giri SN, et al. **Drug Chem Toxicol** 1984;7(2):193-212

Effects of verapamil on doxorubicin-induced mortality and electrolyte changes in the mouse heart. Giri SN, et al. **Drug Chem Toxicol** 1984;7(4):407-22

Comparative toxicity of mitoxantrone and doxorubicin on hematopoietic stem cells. OKunewick JP, et al. **Exp Hematol** 1985;13 Suppl 16:23-30

The extent of the necrotic lesion in the apical end of the rat incisor pulp seen after Adriamycin administration. Karim AC, et al. **Exp Pathol** 1985;27(2):105-10

Acute effects of doxorubicin (adriamycin) on left ventricular function in dogs. Ditchey RV, et al. **Int J Cardiol** 1984 Sep;6(3):341-53

Adriamycin-induced chronic proteinuria: a structural and functional study. O'Donnell MP, et al. **J Lab Clin Med** 1985 Jul;106(1):62-7

Effects of intravenous versus intraatrial administration of doxorubicin on the function and structure of the heart. Edington H, et al. **J Surg Oncol** 1984 Sep;27(1):12-7

Modifying intracellular redox balance: an approach to improving therapeutic index. Hrushesky WJ, et al. **Lancet** 1985 Mar 9;1(8428):565-7

In vitro enhancement of adriamycin cytotoxicity in human myeloid leukemia cells exposed to verapamil. Pradhan SG, et al. **Oncology** 1984;41(6):406-8

Evaluation of intravitreal 5-fluorouracil, vincristine, VP 16, doxorubicin, and thiotepa in primate eyes. Barrada A, et al. **Ophthalmic Surg** 1984 Sep;15(9):767-9

Impairment of motor coordination induced by doxorubicin in mice. Tubaro A, et al. **Pharmacol Res Commun** 1985 Jun;17(6):535-45

Delayed enhanced effects of Adriamycin on the X-irradiation-induced gastrointestinal toxicity in mice. Dethlefsen LA, et al. **Radiat Res** 1984 Oct;100(1):157-70

Sequential equilibrium gated radionuclide angiocardiography for the detection of doxorubicin cardiotoxicity. Pauwels EK, et al. **Radiother Oncol** 1983 Aug;1(1):83-7

Cardiac actomyosin ATPase activity after chronic doxorubicin treatment. Bergson A, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr;48(1):57-75

Protective effect of butylated hydroxytoluene on adriamycin-induced skin necrosis in the rat. Daugherty JP, et al. **Res Commun Chem Pathol Pharmacol** 1984 Aug; 45(2):289-92

The involvement of an oxidative mechanism in the adriamycin induced toxicity in neonatal rat heart cell cultures. Julicher RH, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jan;47(1):35-47

Efficacy of sulfhydryl compounds as inhibitors of iron-dependent doxorubicin-enhanced lipid peroxidation. Stroo WE, et al. **Res Commun Chem Pathol Pharmacol** 1985 May;48(2):291-303

Embryotoxic effects of doxorubicin and N-trifluoroacetyladriamycin-14-valerate (AD-32). Zirvi KA, et al. **Teratology** 1985 Apr;31(2):247-52

Experimental systemic toxicology of 4'-epidoxorubicin, a new, less cardiotoxic anthracycline antitumor agent. Bertazzoli C, et al. **Toxicol Appl Pharmacol** 1985 Jul; 79(3):412-22

The embryotoxicity of adriamycin in rat embryos in vitro. Fantel AG, et al. **Toxicol Appl Pharmacol** 1985 Aug; 80(1):155-65

Mechanism of chemical-induced toxicity. I. Use of a rapid centrifugation technique for the separation of viable and nonviable hepatocytes. Fariss MW, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):283-95

Comparison of the severity of the chronic cardiotoxicity produced by doxorubicin in normotensive and hypertensive rats. Herman EH, et al. **Toxicol Appl Pharmacol** 1985 Apr; 78(2):202-14

In vivo effects of 1,3-bis(2-chloroethyl)-1-nitrosourea and doxorubicin on the cardiac and hepatic glutathione systems. Paraidathathu T, et al. **Toxicology** 1985 May;35(2):113-24

A model system for measuring comparative toxicities of cardiotoxic drugs for cultured rat heart myocytes, endothelial cells and fibroblasts. II. Doxorubicin, 5-fluorouracil and cyclophosphamide. Wenzel DG, et al. **Toxicology** 1984 Nov;33(2):117-28

Systemic influence of intravesical chemotherapy with verapamil. Simpson WG, et al. **Urol Res** 1985;13(1):23-6

[Experimental nephrotoxicity after repeated administration of adriamycin. Histological study with the optical and electron microscope] Pazzi A, et al. **Farmaco [Prat]** 1985 Jan;40(1):33-6 (Eng. Abstr.) **(Ita)**

[A comparative study of 4'-epi-doxorubicin and doxorubicin cardiotoxicities] Suzuki T, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2170-6 (Eng. Abstr.) **(Jpn)**

[Comparative evaluation of the myelotoxic action of rubomycin, adriamycin and carminomycin by their delayed effects in an experiment] Fursov SE, et al. **Antibiot Med Biotekhnol** 1985 Apr;30(4):284-8 (Eng. Abstr.) **(Rus)**

[Effect of phenobarbital and SKF 525-A on the toxic and therapeutic action of adriamycin in mice with Ehrlich ascites cancer] Bogush TA, et al. **Eksp Onkol** 1985; 7(3):69-71 (Eng. Abstr.) **(Rus)**

URINE

Separation, characterization, and analysis of epirubicin (4'-epidoxorubicin) and its metabolites from human urine. Cassinelli G, et al. **Drug Metab Dispos** 1984 Jul-Aug; 12(4):506-10

DOXYCYCLINE

ADMINISTRATION & DOSAGE

Single-dose intravenous metronidazole v. doxycycline prophylaxis in colorectal surgery. An open prospective, randomized trial. Kling PA, et al. **Acta Chir Scand** 1985; 151(2):163-8

Should antimicrobial prophylaxis in colorectal surgery include agents effective against both anaerobic and aerobic microorganisms? A double-blind, multicenter study. The Norwegian Study Group for Colorectal Surgery. **Surgery** 1985 Apr;97(4):402-8

[Therapy of brucellosis: clinical experience with a rifampicin-doxycycline combination] Montanari M, et al. **Minerva Med** 1985 Jul 31;76(30-31):1407-10 (Eng. Abstr.) **(Ita)**

[Effectiveness of treatment of various forms of gonorrhea with doxycycline and its combination with biseptol and levamisole] Alferov VN, et al. **Vestn Dermatol Venerol** 1985 May;(5):71-3 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Comment on doxycycline reaction article [letter] Barkin RL, et al. **Drug Intell Clin Pharm** 1984 Dec;18(12):999

Lack of cross-sensitivity between tetracycline, doxycycline, and minocycline with regard to fixed drug sensitivity to tetracycline [letter] Bargman H. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):900-2

Doxycycline-induced esophagitis. Amendola MA, et al. **JAMA** 1985 Feb 15;253(7):1009-11

[Esophageal ulcer caused by doxycycline (letter)] Bissonnette B, et al. **Can Med Assoc J** 1984 Nov 15;131(10):1186-8 **(Fre)**

[Esophageal ulcers secondary to doxycycline administration, treated with sucralfate] Ghorbel A. **Tunis Med** 1985 Mar; 63(3):171-4 (Eng. Abstr.) **(Fre)**

METABOLISM

Comparative pharmacokinetics of doxycycline and oxytetracycline in patients with hyperlipidemia. Wójcicki J, et al. **Arzneimittelforschung** 1985;35(6):991-3

Pharmacokinetics of lymecycline and doxycycline in serum and suction blister fluid. Schreiner A, et al. **Chemotherapy** 1985;31(4):261-5

[Animal research on determining the antibiotic concentration of eye tissues and the aqueous humor. I. Gentamicin and doxycycline] Pervanidis A, et al. **Fortschr Ophthalmol** 1985; 82(1):117-21 (Eng. Abstr.) **(Ger)**

[Studies on the biological availability of vibramycin in humans] Zaremba M, et al. **Acta Pol Pharm** 1984; 41(6):695-701 (Eng. Abstr.) **(Pol)**

PHARMACODYNAMICS

Adherence and phagocytosis of yeast cells by blood monocytes. Effects in vitro of a therapeutic doxycycline concentration. Athlin L, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Aug; 92(4):227-30

Doxycycline sensitivity in Klebsiella isolates from sputum. Atukorala SD, et al. **Ceylon Med J** 1984 Sep;29(3):157-8

Effect of a single oral dose of doxycycline on polymorphonuclear leukocyte migration in a casein gradient. Bäck O, et al. **Eur J Clin Pharmacol** 1985; 28(2):193-5

Effect of doxycycline on immune response in mice. Bellahsene A, et al. **Infect Immun** 1985 May;48(2):556-9

Effect of amoxycillin and doxycycline on function of human granulocytes tested in vitro and on chemotaxis of granulocytes from rabbits given the two antibiotics. Grec V, et al. **Inflammation** 1984 Dec;8(4):417-27

Vasography: effect of various agents on vas deferens patency. Bertram RA, et al. **J Urol** 1985 Jun;133(6):1087-9

The effect of a therapeutic doxycycline concentration on polymorphonuclear leukocyte migration in vitro. Bäck O, et al. **Scand J Infect Dis** 1984;16(4):369-72

No influence of doxycycline on theophylline pharmacokinetics. Jonkman JH, et al. **Ther Drug Monit** 1985;7(1):92-4

The influence of antibiotics on the immune system. II. Modulation of fish leukocyte responses in culture. Grondel JL, et al. **Vet Immunol Immunopathol** 1985 Jul;9(3):251-60

The bactericidal activity of ampicillin, amoxicillin, tetracycline, and doxycycline against H. influenzae under various conditions of culture. Bartmann K, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Feb; 259(1):78-89

[Experimental multifactorial study of the effect of doxycycline and glucosaminylmuramyl dipeptide on the primary immunologic response to antigens of a tularemia vaccine strain] Nikitin AV, et al. **Antibiot Med Biotekhnol** 1985 May;30(5):360-4 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Treatment protocols for PID [letter] Bainbridge CV, et al. **Am Fam Physician** 1985 Aug;32(2):47-8

Prophylactic doxycycline for travelers' diarrhea in Thailand. Further supportive evidence of Aeromonas hydrophila as an enteric pathogen. Echeverria P, et al. **Am J Epidemiol** 1984 Dec;120(6):912-21

A randomized, controlled trial of doxycycline in the treatment of acute bronchitis. Williamson HA Jr. **J Fam Pract** 1984 Oct;19(4):481-6

The antitumour effect of doxycycline on a T-cell leukaemia in the rat. van den Bogert C, et al. **Leuk Res** 1985; 9(5):617-23

Clinical evaluation of thiamphenicol in treatment of nongonococcal urethritis. Saito I. **Sex Transm Dis** 1984 Oct-Dec;11(4 Suppl):460-2

Relapse of Israeli spotted fever treated with doxycycline [letter] Yagupsky P, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):139-40

[Treatment of urethritis. Results of a randomized study comparing minocycline, doxycycline and co-trimoxazole] Godechard P, et al. **Acta Urol Belg** 1984;52(4):628-32 (Eng. Abstr.) **(Fre)**

[The value of doxycycline in ophthalmology] Malbrel P, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):459-62 (Eng. Abstr.) **(Fre)**

[Comparative clinical study between Rocephin (Roche) and doxycycline, amoxycillin, erythromycin and amoxycillin + metronidazole combination in gynecology] Gaudin G. **Gynakol Rundsch** 1985;25(2):86-95 **(Fre)**

[Doxycycline in experimental rickettsial infection] Kekcheeva NG. **Antibiotiki** 1984 Oct;29(10):775-80 (Eng. Abstr.) **(Rus)**

TOXICITY

Determination of species- and laboratory-related interpretive breakpoints for doxycycline susceptibility testing using single-strain regression analysis. Forsberg P, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Feb; 93(1):53-60

DOXYLAMINE see under **PYRIDINES**

DPN see **NAD**

DPNASE see **NAD NUCLEOSIDASE**

DRACUNCULOSIS

DIAGNOSIS

A dracunculosis case with unusual presentation from Pakistan. Short communication. Zaman V, et al. **Acta Trop (Basel)** 1985 Jun;42(2):195-6

Development of rapid ELISA for early serodiagnosis of dracunculiasis. Kliks MM, et al. **J Commun Dis** 1984 Dec; 16(4):287-94

Dracunculus medinensis presenting as larva migrans [letter] Reddy NB, et al. **Trop Doct** 1985 Jul;15(3):148-9

IMMUNOLOGY

Specific IgE response in dracunculiasis [letter] Galli M, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):283

OCCURRENCE

Dracunculiasis in Igbon, Oyo State, Nigeria. Edungbola LD. **J Trop Med Hyg** 1984 Aug;87(4):153-8

Epidemiological assessment of the distribution and endemicity of guinea worm infection in Asa, Kwara State, Nigeria. Edungbola LD, et al. **Trop Geogr Med** 1985 Mar; 37(1):22-8

PARASITOLOGY

[Dracunculosis. Report of a case with a single localization] Ramos García A, et al. **Rev Cubana Med Trop** 1984 Jan-Apr;36(1):18-21 (Eng. Abstr.) **(Spa)**

PREVENTION & CONTROL

Eradication of dracontiasis in Tamil Nadu state. Kapali V, et al. **J Commun Dis** 1984 Sep;16(3):244-6

Relative effectiveness of 'nytal' and cotton as cyclops sieving device in guineaworm affected hamlets in Rajasthan. Kaul SM, et al. **J Commun Dis** 1984 Jun;16(2):154-6

The campaign against dracunculiasis. Hopkins DR. **Lancet** 1985 Jan 12;1(8420):96-7

TRANSMISSION

Population mobility, urban development and dracunculiasis in Kwara State, Nigeria. Watts SJ. **Soc Sci Med** 1984; 19(4):471-3

VETERINARY

Dracunculus insignis in fishers in New Hampshire. Carlson BL, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1327

Dracunculiasis in some Arkansas carnivores. Tumlison R, et al. **J Parasitol** 1984 Jun;70(3):440

DRACUNCULUS

Relative effectiveness of 'nytal' and cotton as cyclops sieving device in guineaworm affected hamlets in Rajasthan. Kaul SM, et al. **J Commun Dis** 1984 Jun;16(2):154-6

ISOLATION & PURIFICATION

[Dracunculosis. Report of a case with a single localization] Ramos García A, et al. **Rev Cubana Med Trop** 1984 Jan-Apr;36(1):18-21 (Eng. Abstr.) **(Spa)**

DRACUNCULUS MEDINENSIS see under **DRACUNCULUS**

DRAINAGE

Inadvertent percutaneous catheter gastroenterostomy during abscess drainage: significance and management. Mueller PR, et al. **AJR** 1985 Aug;145(2):387-91

Transgastric drainage of pancreatic fluid collections. Nuñez D Jr, et al. **AJR** 1985 Oct;145(4):815-8

Percutaneous transhepatic hyperalimentation for patients with biliary drainage catheters. Train JS, et al. **AJR** 1985 Feb;144(2):255-6

Guide wire protection for trocar puncture of fluid collections. vanSonnenberg E, et al. **AJR** 1985 Oct; 145(4):831-2

Percutaneous catheter drainage of pleural effusion and empyema. Westcott JL. **AJR** 1985 Jun;144(6):1189-93

Surgical treatment of Meniere's disease. Kitahara M, et al. **Am J Otol** 1985 Jan;6(1):108-9

Recovery from multiple organ failure [editorial] Baue AE. **Am J Surg** 1985 Mar;149(3):420-1

Does drainage of intraabdominal pus reverse multiple organ failure? Norton LW. **Am J Surg** 1985 Mar;149(3):347-50

Evaluation of percutaneous transhepatic balloon dilatation of benign biliary strictures in high-risk patients. Vogel SB, et al. **Am J Surg** 1985 Jan;149(1):73-9

Conservation of pancreatic tissue by combined gastric, biliary, and pancreatic duct drainage for pain from chronic pancreatitis. Warshaw AL. **Am J Surg** 1985 Apr; 149(4):563-9

Significance of postcholecystectomy subhepatic fluid collections [letter] Wertkin MG. **Ann Surg** 1984 Nov; 200(5):682-3

Peritonsillar abscess [letter] Richardson GS. **Arch Otolaryngol** 1985 Feb;111(2):135

Truncal vagotomy and drainage: a comparison of elective and emergency operations. Clark CG, et al. **Br J Surg** 1985 Feb;72(2):149-51

Pre-operative biliary drainage [letter] Dixon JM, et al. **Br J Surg** 1984 Dec;71(12):1007

Drainage after cholecystectomy. Hoffmann J, et al. **Br J Surg** 1985 Jun;72(6):423-7 (49 ref.)

Postoperative chest percussion with postural drainage in obese patients following gastric stapling. Torrington KG, et al. **Chest** 1984 Dec;86(6):891-5

Thoracic duct drainage in rheumatoid arthritis. Vaughan JH, et al. **Clin Exp Immunol** 1984 Dec;58(3):645-53

Subcapsular bile leak following percutaneous drainage. LaManna MM, et al. **Clin Nucl Med** 1984 Oct;9(10):588-9

Management of gallbladder perforation by percutaneous cholecystostomy. Longmaid HE 3d, et al. **Crit Care Med** 1985 Aug;13(8):686-7

Abscess drainage with the aid of pelvic real-time sonography. Bluth EI, et al. **Dis Colon Rectum** 1985 Apr;28(4):262-3

Drainage of a pancreatic pseudocyst at ERCP [letter] Hershfield NB. **Gastrointest Endosc** 1984 Aug;30(4):269-70

Laparoscopic drainage of amebic liver abscess. Salky B, et al. **Gastrointest Endosc** 1985 Feb;31(1):30-2

Profiles of bile acids and their glucuronide and sulphate conjugates in the serum, urine and bile from patients undergoing bile drainage. Takikawa H, et al. **Gut** 1985 Jan; 26(1):38-42

The paracentesis pendulum [editorial] Conn HO. **Hepatology** 1985 May-Jun;5(3):521-2

The effect of large volume paracentesis on plasma volume—a cause of hypovolemia? Kao HW, et al. **Hepatology** 1985 May-Jun;5(3):403-7

Studies of standard liver function and hepatic fibrosis in rats with obstructive jaundice and biliary drainage. Takeuchi H, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):679-83

Haemothorax—the importance of adequate drainage. Moorehead RJ, et al. **Injury** 1985 May;16(6):387-8

The treatment of high enterocutaneous fistula with surgical drainage and total parenteral nutrition. Harju E, et al. **Int Surg** 1985 Jan-Mar;70(1):33-8

Stabilization of biliary drainage catheters. Salazar JE, et al. **J Can Assoc Radiol** 1984 Sep;35(3):303-4

Percutaneous drainage of a psoas abscess in a young child. Sullivan WT, et al. **J Can Assoc Radiol** 1984 Sep; 35(3):324-5

Paracentesis for tense ascites [letter] **Lancet** 1985 Apr 27; 1(8435):992-3

Splenic abscess: percutaneous drainage. Lerner RM, et al. **Radiology** 1984 Dec;153(3):643-5

Outpatient therapy of intra-abdominal abscesses following early discharge from the hospital. Rifkin MD, et al. **Radiology** 1985 May;155(2):333-4

Intrahepatic amebic abscesses: indications for and results of percutaneous catheter drainage. vanSonnenberg E, et al. **Radiology** 1985 Sep;156(3):631-5

Conjugation, metabolism and excretion of [24-14C] chenodeoxycholic acid in patients with extrahepatic cholestasis before and after biliary drainage-analysis of conjugated bile acids by HPLC. Hedenborg G, et al. **Scand J Clin Lab Invest** 1985 Apr;45(2):157-64

Hepatic trauma: evaluation of routine drainage. Mullins RJ, et al. **South Med J** 1985 Mar;78(3):259-61

Hydatid disease of the spine causing paraplegia. The combined treatment by surgical drainage and mebendazole: a case report. Porat S, et al. **Spine** 1984 Sep;9(6):648-53

Percutaneous biliary drainage as an initial therapy in sepsis of the biliary tract. Gould RJ, et al. **Surg Gynecol Obstet** 1985 Jun;160(6):523-7

Prophylactic antibiotics and closed tube thoracostomy. LeBlanc KA, et al. **Surg Gynecol Obstet** 1985 Mar; 160(3):259-63

Ultrasonically guided cholangiography and bile drainage. Makuuchi M, et al. **Ultrasound Med Biol** 1984 Sep-Oct; 10(5):617-23

Internal drainage of intractable malignant pleural effusions. Weese JL, et al. **Wis Med J** 1984 May;83(5):21-3

[Treatment of severe lung abscess by drainage of the abscess cavity] Li SF. **Chung Hua Wai Ko Tsa Chih** 1984 May; 22(5):293-4 (Eng. Abstr.) **(Chi)**

[Treatment of malignant pleural exudates with talcum instillation and pleural drainage] Sørensen PG, et al. **Ugeskr Laeger** 1984 May 14;146(20):1485-7 (Eng. Abstr.) **(Dan)**

[Thoracic empyema. Focus on bacteriology and therapy] Van de Stadt J, et al. **Acta Chir Belg** 1985 Mar-Apr;85(2):79-88 (Eng. Abstr.) **(Fre)**

[Congenital diaphragmatic hernia. Antenatal diagnosis, thoracic drainage. High frequency ventilation] Schmitt M, et al. **Chir Pediatr** 1985;26(1):8-12 (Eng. Abstr.) **(Fre)**

[Benefit and risk of preoperative bile drainage from the surgical viewpoint] Trede M, et al. **Dtsch Med Wochenschr** 1985 Apr 4;110(14):556-9 **(Ger)**

[After-care problems and complications of percutaneous biliary drainage] Kauffman GW, et al. **ROFO** 1984 Oct; 141(4):373-8 (Eng. Abstr.) **(Ger)**

[Myogeloses, their pathogenesis and their lymph drainage, heat and exercise therapy] Asdonk J. **Z Lymphol** 1985 Jun; 9(1):30-7 (Eng. Abstr.) **(Ger)**

[Cholecystectomy without drainage. Randomized clinical study] Porati M, et al. **Minerva Chir** 1984 Aug 15-31; 39(15-16):1081-6 (Eng. Abstr.) **(Ita)**

[Treatment of pyogenic hepatic abscess. Systemic and local antibiotic therapy during ultrasonically guided percutaneous drainage] Uomo G, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):303-6 (Eng. Abstr.) **(Ita)**

[Drainage in abdominal surgery] Zanetti PP, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):329-31 (Eng. Abstr.) **(Ita)**

[Percutaneous nephrocentesis of fluid-containing masses under echotomographic control] Buffa G, et al. **Minerva Urol Nefrol** 1984 Jan-Mar;36(1):39-42 (Eng. Abstr.) **(Ita)**

[Interventional radiology. Percutaneous transhepatic drainage of a paracholedochal abcess] Mannella P, et al. **Radiol Med (Torino)** 1984 Apr;70(4):181-4 **(Ita)**

[Thoracic duct drainage in the combined surgical treatment of obstructive jaundice patients] Kovalev MM, et al. **Klin Khir** 1984 Sep;(9):9-12 (Eng. Abstr.) **(Rus)**

[Energy losses during therapeutic drainage of the thoracic duct] Alekseev AA, et al. **Vestn Khir** 1984 Oct; 133(10):118-22 (Eng. Abstr.) **(Rus)**

[Drainage of neoplastic pleuropericardial effusion (letter)] Cantó Armengod A, et al. **Med Clin (Barc)** 1985 Jun 1; 85(1):38-9 **(Spa)**

[Drainage in perforated appendicitis: yes or no?] Torres-Badillo A, et al. **Rev Clin Esp** 1984 Oct 15; 175(1):33-5 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

RV dilation following pericardiocentesis [letter] Viquerat CE. **Am Heart J** 1984 Dec;108(6):1586

Bacteriologic comparison of closed suction and Penrose drainage [editorial] Alexander JW. **Am J Surg** 1984 Nov; 148(5):699

Don't fix nothin that ain't broke [editorial] Bradley EL 3d. **Am J Surg** 1985 Feb;149(2):197

A bacteriologic study comparing closed suction and simple conduit drainage. Raves JJ, et al. **Am J Surg** 1984 Nov; 148(5):618-20

Knotted drainage tube: practical points in its prevention [letter] Ross AP. **Ann R Coll Surg Engl** 1984 Sep;66(5):377

Internal hernia following T tube drainage. Fulham SB, et al. **Br J Surg** 1985 Jul;72(7):519

Does the type of venous drainage or cardioplegia affect postoperative conduction and atrial arrhythmias? Rousou JA, et al. **Circulation** 1985 Sep;72(3 Pt 2):II259-63

Cytotoxic effects of polymorphonuclear leukocytes and macrophages in patients undergoing lymph depletion via thoracic duct drainage. Cameron DJ. **Jpn J Exp Med** 1984 Oct;54(5):195-200

High incidence of sepsis in percutaneous liver abscess drainage. Crass JR. **Minn Med** 1985 Jan;68(1):13-5

Postoperative subretinal neovascular membrane at the drain site of a scleral buckle. Holland PM. **Ophthalmic Surg** 1985 Mar;16(3):174-7

Lung perforation by chest tubes in the neonate. Machin GA. **Pediatr Pathol** 1984;2(1):103-14

Hemobilia following transhepatic biliary drainage: occlusion of an hepatoportal fistula by balloon tamponade. Sniderman KW, et al. **Radiology** 1985 Mar;154(3):827

[Extreme loss of bile through the Kehr T-drain] Brousil L. **Rozhl Chir** 1984 Sep;63(8-9):595-602 (Eng. Abstr.) **(Cze)**

[Complications of transhepatic biliary drainage used for palliative therapeutic purposes: their prevention and treatment] Picardi N, et al. **Ann Ital Chir** 1984;56(2):125-37 (Eng. Abstr.) **(Ita)**

[Epigastric pain in patients with biliary drainage. A symptom not to be overlooked] Bellomi M, et al. **Radiol Med (Torino)** 1984 May;70(5):310-2 (Eng. Abstr.) **(Ita)**

[Complications of operations for retinal detachment with and without drainage of subretinal fluid] Bartkowska-Orlowska M, et al. **Klin Oczna** 1984 Dec;86(12):557-9 (Eng. Abstr.) **(Pol)**

[Complications after total drainage of subretinal fluid] Stankiewicz A. **Klin Oczna** 1984 Dec;86(12):561-2 (Eng. Abstr.) **(Pol)**

ECONOMICS

Does preoperative percutaneous biliary drainage reduce operative risk or increase hospital cost? Pitt HA, et al. **Ann Surg** 1985 May;201(5):545-53

INSTRUMENTATION

Biliary endoprosthesis: yes or no? Coons HG, et al. **AJR** 1985 Aug;145(2):429-30

Observations on the use of the Cope introduction set. Greenwood LH, et al. **AJR** 1985 Feb;144(2):257-8

Bile flow through drainage catheters: an in vitro study. Kerlan RK Jr, et al. **AJR** 1984 Nov;143(5):1085-7

Medi-Tech introduction set [letter] Miller PR. **AJR** 1985 Jun;144(6):1320

A new coaxial introducer system for percutaneous drainage. Schwarz W. **AJR** 1985 Jun;144(6):1277-8

Evaluation of a new, improved surgical drainage system. Edlich RF, et al. **Am J Surg** 1985 Feb;149(2):295-8

The Penrose drain: a safe, atraumatic colostomy bridge. Lafreniere R, et al. **Am J Surg** 1985 Feb;149(2):288-91

Evaluation of a new hydrogel coating for drainage tubes. Pearce RS, et al. **Am J Surg** 1984 Nov;148(5):687-91

A 'nondislodgeable' endoprosthesis for nonsurgical drainage of the biliary tract. Silander T, et al. **Ann Surg** 1985 Mar; 201(3):323-7

Chest drainage trocar catheter—Mallinckrodt (UK) Ltd. Little K. **Arch Emerg Med** 1984 Mar;1(1):61

Surgical drainage. Smith SR, et al. **Br J Hosp Med** 1985 Jun;33(6):308, 311, 314–15

The Elliot drain (Surgiprod). Elliot MS, et al. **Br J Surg** 1984 Sep;71(9):672

The rubber dam as a means to isolate contaminated peritoneal defects after colonic resection. Meijer RW, et al. **Dis Colon Rectum** 1984 Nov;27(11):703–6

Experimental study of biliary endoprosthesis efficiency. Rey JF, et al. **Endoscopy** 1985 Jul;17(4):145–8

Postoperative complications of gallbladder stones [letter] Rüdiger E, et al. **Endoscopy** 1985 Mar;17(2):85

Sonographic monitoring of biliary endoprostheses. Van Gansbeke D, et al. **Gastrointest Radiol** 1984;9(4):335–9

Syringe holder for anterior chamber irrigation/aspiration. Hedges CC. **J Am Intraocul Implant Soc** 1984 Fall;10(4):485

First credit for eye wick? [letter] deLuise VP. **Ophthalmic Surg** 1984 Aug;15(8):703–4

A canthal siphon wick. Mills RP. **Ophthalmic Surg** 1985 Jul; 16(7):446

Percutaneous transhepatic biliary drainage. Hardy CH, et al. **Radiol Technol** 1984 Sep–Oct;56(1):8–12

A fascial dilator for percutaneous drainage procedures. Casal GL. **Radiology** 1985 Jun;155(3):833

Silicone biliary stents for percutaneous management of biliary obstruction. Kinnison ML, et al. **Radiology** 1985 Feb; 154(2):533–4

Use of a T tube as an endoprosthesis for internal biliary drainage. Simmons K. **Radiology** 1985 Jan;154(1):247

A technique for conversion from small (0.46–mm) to large (0.97–mm) guidewires for drainage procedures. Braun SD, et al. **Urol Radiol** 1984;6(3–4):227–8

[Animal experiment and clinical use of a two–layer antibiotic–containing silicone rubber drainage tube] Cheng HJ. **Chung Hua Wai Ko Tsa Chih** 1984 Jun;22(6):324–6, 381 (Eng. Abstr.) (Chi)

[Krupin's valve. Remarks on the surgery of glaucoma. Personal results apropos of 20 Krupin–Denver valves] Forestier F, et al. **J Fr Ophtalmol** 1984;7(5):385–91 (Eng. Abstr.) (Fre)

[Puncture and drainage of the pericardium using pigtail catheters (letter)] Effert S. **Dtsch Med Wochenschr** 1984 Nov 2;109(44):1704 (Ger)

[A manually operated micro–aspiration system for extracapsular cataract extraction] Friedburg D, et al. **Fortschr Ophthalmol** 1984;81(3):250–1 (Eng. Abstr.) (Ger)

[Prevention of burst abdomen by polyacrylic plates with Redon drainage reinforced with polyester suture material] Damme J, et al. **Zentralbl Chir** 1985;110(9):572–4 (Ger)

[A basic and clinical study of internal biliary drainage by diathermic knife] Yoshida T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):137 (Jpn)

[One–way valve extension tube for continuous cerebrospinal fluid drainage system] Kudo T, et al. **No Shinkei Geka** 1984 Sep;12(10):1161–4 (Eng. Abstr.) (Jpn)

[A bougie–guide for drainage of the common bile duct across the stump of the cystic duct] Prokhorova IP, et al. **Klin Khir** 1984 Sep;(9):69 (Rus)

[Pericardial window. Diagnostic and therapeutic effectiveness in chronic pericardial effusion and pericardial tamponade] Rivas JJ, et al. **Med Clin (Barc)** 1985 Jan 26; 84(3):102–3 (Eng. Abstr.) (Spa)

METHODS

Incision and drainage v. incision, curettage and suture under antibiotic cover in anorectal abscess. A randomized study with 3–year follow–up. Kronborg O, et al. **Acta Chir Scand** 1984;150(8):689–92

Percutaneous catheter drainage of solitary pyogenic liver abscess. Van der Spek P, et al. **Acta Clin Belg** 1984; 39(6):363–7

Long term sequelae of hemispheric abscesses as a function of the treatment. Rousseaux M, et al. **Acta Neurochir (Wien)** 1985;74(1–2):61–7

Suprapubic versus transurethral bladder drainage after colposuspension/vaginal repair. Andersen JT, et al. **Acta Obstet Gynecol Scand** 1985;64(2):139–43

Percutaneous gastrocystostomy: a new approach to pancreatic pseudocyst drainage. Bernardino ME, et al. **AJR** 1984 Nov;143(5):1096–7

Real–time sonographic monitoring of percutaneous abscess drainage. Jeffrey RB Jr, et al. **AJR** 1985 Mar;144(3):469–70

Percutaneous drainage of pyogenic liver abscesses. Johnson RD, et al. **AJR** 1985 Mar;144(3):463–7

Percutaneous transhepatic biliary drainage for bile leaks and fistulas. Kaufman SL, et al. **AJR** 1985 May;144(5):1055–8

Pelvic abscess drainage by the transrectal catheter approach in men. Mauro MA, et al. **AJR** 1985 Mar;144(3):477–9

Simplified solvent infusion and drainage in closed systems: double–lumen, single–catheter method. vanSonnenberg E, et al. **AJR** 1985 Feb;144(2):259–60

Two–dimensional echocardiographically guided pericardiocentesis: experience in 117 consecutive patients. Callahan JA, et al. **Am J Cardiol** 1985 Feb 1;55(4):476–9

Is there a role for fetal cephalocentesis in modern obstetrics? Chervenak FA, et al. **Am J Perinatol** 1984 Jan;1(2):170–3

Intrahepatic pyogenic abscesses: treatment by percutaneous drainage. Gerzof SG, et al. **Am J Surg** 1985 Apr; 149(4):487–94 (49 ref.)

Use of the computerized tomographic scan in the diagnosis and treatment of abscesses. Porter JA, et al. **Am J Surg** 1985 Aug;150(2):257–62

Percutaneous transhepatic cholangiography, drainage, and biopsy in patients with malignant biliary obstruction. An alternative to surgery. Voegeli DR, et al. **Am J Surg** 1985 Aug;150(2):243–7

Percutaneous drainage of abscesses in the postoperative abdomen that is difficult to explore. Walters R, et al. **Am J Surg** 1985 May;149(5):623–6

Endolymphatic fistulization. Austin DF. **Ann Otol Rhinol Laryngol** 1984 Nov–Dec;93(6 Pt 1):534–9

Effective palliation of malignant biliary duct obstruction. Malangoni MA, et al. **Ann Surg** 1985 May;201(5):554–9

Percutaneous tube drainage: the treatment of choice for refractory lung abscess. Yellin A, et al. **Ann Thorac Surg** 1985 Mar;39(3):266–70

Argon laser choroidotomy for drainage of subretinal fluid. Bovino JA, et al. **Arch Ophthalmol** 1985 Mar;103(3):443–4

Controlled open drainage of severe intra–abdominal sepsis. Bradley SJ, et al. **Arch Surg** 1985 May;120(5):629–31

Expanded criteria for percutaneous abscess drainage. Gerzof SG, et al. **Arch Surg** 1985 Feb;120(2):227–32

Evaluation of techniques of controlling exocrine drainage after segmental pancreatectomy in dogs. Implications for pancreatic transplantation. Nghiem DD, et al. **Arch Surg** 1985 Oct;120(10):1132–7

Combined pancreatic duct and upper gastrointestinal and biliary tract drainage in chronic pancreatitis. Prinz RA, et al. **Arch Surg** 1985 Mar;120(3):361–6

Experience with percutaneous transhepatic biliary drainage. Doyle T, et al. **Aust NZ J Surg** 1984 Oct;54(5):461–4

Monitored posterior transcleral drainage of subretinal fluid. McLeod D. **Br J Ophthalmol** 1985 Jun;69(6):433–4

Drainage operations in chronic pancreatitis. Cooper MJ, et al. **Br J Surg** 1984 Oct;71(10):761–6

Utility of pneumonotomy in the treatment of cavitary lung disease. Snow N, et al. **Chest** 1985 Jun;87(6):731–4

Cholecystostomy and PTBD in the treatment of obstructive jaundice (a comparative study). Nicoli N, et al. **Chir Ital** 1984 Aug;36(4):582–8

Percutaneous biliary drainage. Pogany AC, et al. **Clin Gastroenterol** 1985 Apr;14(2):387–402

Quantitative analysis of liver function in percutaneous transhepatic biliary drainage patients. Velchik MG, et al. **Clin Nucl Med** 1985 Feb;10(2):80–5

Percutaneous drainage of malignant cysts. Golding SJ, et al. **Clin Radiol** 1984 Nov;35(6):475–8

Diagnosis and treatment of malignant pericardial effusion: the subxiphoid approach. Berman K, et al. **Conn Med** 1984 Nov;48(11):701–2

Ultrasound–guided percutaneous and transhepatic cholecystostomy: a complementary procedure to therapeutic endoscopy. Dunham F, et al. **Endoscopy** 1985 Jul;17(4):153–6

Treatment of pyogenic splenic abscess by ultrasonically guided fine needle puncture. Wernecke K, et al. **Eur J Radiol** 1985 Aug;5(3):216–7

Circle cystostomy: technical considerations. Rao MS, et al. **Eur Urol** 1984;10(6):408–9

Hepatic abscess and purulent cholangitis treated via an endoscopic nasobiliary drain. Familiari L, et al. **Gastrointest Endosc** 1985 Apr;31(2):79–81

Percutaneous abscess drainage. Gray R, et al. **Gastrointest Radiol** 1985;10(1):79–84

Hepatobronchial fistula with percutaneous pyogenic abscess drainage of the liver. Nesper M, et al. **Gastrointest Radiol** 1985;10(2):129–31

A modified procedure for percutaneous abscess and fluid drainage using the Malecot catheter–Stamey needle technique. Hickey NM, et al. **J Can Assoc Radiol** 1984 Jun;35(2):220–4

Giant lung abscess treated by tube thoracostomy. Mengoli L. **J Thorac Cardiovasc Surg** 1985 Aug;90(2):186–94

Percutaneous drainage of lung abscess [letter] Rami–Porta R, et al. **J Thorac Cardiovasc Surg** 1985 Feb;89(2):314

Radiologic management of a disrupted ureteral anastomosis and infected urinoma after gunshot wound. Sclafani SJ, et al. **J Trauma** 1984 Dec;24(12):1060–2

Improved continuous flow transurethral prostatectomy. Bretan PN Jr, et al. **J Urol** 1985 Jul;134(1):77–80

Procedure: incision and drainage of a superficial abscess. Ahmad M. **JPMA** 1984 Sep;34(9):286–9

Efficacy of endoprosthesis for internal biliary drainage in patients with nonresectable carcinoma of the proximal bile duct. Nishimura O, et al. **Jpn J Surg** 1984 Jul;14(4):339–44

Flow–regulated continuous spinal drainage in the management of cerebrospinal fluid fistulas. Swanson SE, et al. **Laryngoscope** 1985 Jan;95(1):104–6

Percutaneous drainage of abdominal abscesses and fluid collections. Ferrucci JT Jr. **Mt Sinai J Med (NY)** 1984 Jul–Aug;51(4):547–51

Percutaneous transhepatic placement of a biliary endoprosthesis. Stollman AL, et al. **Mt Sinai J Med (NY)** 1985 May;52(5):395–7

Evaluation of different methods of bladder drainage used in the early care of spinal cord injury patients. Wyndaele JJ, et al. **Paraplegia** 1985 Feb;23(1):18–26

Percutaneous drainage techniques. Alternatives to surgical therapy. Kerlan RK Jr, et al. **Postgrad Med** 1985 Jul; 78(1):75–9

Re: A simple, reliable method for fixation of percutaneous drainage catheters [letter] Finn JP, et al. **Radiology** 1985 Feb;154(2):547

Abdominal abscess with low–output fistula: successful percutaneous drainage. Kerlan RK Jr, et al. **Radiology** 1985 Apr;155(1):73–5

Pancreatic pseudocysts drained through a percutaneous transgastric approach. Kuligowska E, et al. **Radiology** 1985 Jan;154(1):79–82

Aspiration and drainage procedures in the intensive care unit: percutaneous sonographic guidance. McGahan JP. **Radiology** 1985 Feb;154(2):531–2

Lesser sac abscesses and fluid collections: drainage by transhepatic approach. Mueller PR, et al. **Radiology** 1985 Jun;155(3):615–8

Hepatic echinococcal cyst: successful percutaneous drainage. Mueller PR, et al. **Radiology** 1985 Jun;155(3):627–8

Percutaneous aspiration, drainage, and biopsies in children. Towbin RB, et al. **Radiology** 1985 Oct;157(1):81–5

Re: The anterior subcostal vs. lateral intracostal approach to biliary drainage procedures [letter] Young JW. **Radiology** 1985 Feb;154(2):547–8

Drainage of pericardial effusions using the peritoneal and pericardial window technique. Dabir R, et al. **Surg Gynecol Obstet** 1984 Nov;159(5):485–6

The use of transparent semipermeable polyurethane membrane for percutaneous drainage of the biliary tract. Lau WY, et al. **Surg Gynecol Obstet** 1985 Sep;161(3):291–2

Extraperitoneal versus transperitoneal drainage of the intra–abdominal abscess. Stone HH, et al. **Surg Gynecol Obstet** 1984 Dec;159(6):549–52

Percutaneous aspiration and drainage for suspected abdominal infection. Pruett TL, et al. **Surgery** 1984 Oct; 96(4):731–7

Preoperative percutaneous transhepatic internal drainage in obstructive jaundice: a randomized, controlled trial examining renal function. Smith RC, et al. **Surgery** 1985 Jun;97(6):641–8

Catheter appendicostomy and T–tube enterostomy for lower ileal lesions in infants and children. Chuang JH, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Aug;83(8):828–34

Silicone tube and gutter in advanced glaucoma. Sarkies NJ, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):133–6

Renal carbuncle: comparison between surgical open drainage and closed percutaneous drainage. Fernandez JA, et al. **Urology** 1985 Feb;25(2):142–4

New method of drainage in retropubic prostatectomy. Kleinman SZ. **Urology** 1985 Jun;25(6):649

Preoperative transhepatic biliary decompression in pancreatic and periampullary cancer. Ellison EC, et al. **World J Surg** 1984 Dec;8(6):862–71

[Pericardiocentesis: a safe drainage method for subacute heart tamponade] Jansen EW, et al. **Ned Tijdschr Geneeskd** 1985 Jun 22;129(25):1190–2 (Eng. Abstr.) (Dut)

[Primary perirenal suppurations in children: surgical or percutaneous drainage?] Frémond B, et al. **Chir Pediatr** 1985;26(1):38–43 (Eng. Abstr.) (Fre)

[Manual lymphatic drainage] Gruffaz J. **J Mal Vasc** 1985;10 Suppl A:187–91 (Eng. Abstr.) (Fre)

[Syringoperitoneal shunting] Lesoin F, et al. **Presse Med** 1985 Feb 23;14(8):485–6 (Eng. Abstr.) (Fre)

[Percutaneous ultrasound–controlled drainage of liver abscesses] Egender G, et al. **Chirurg** 1984 Dec;55(12):822–7 (Eng. Abstr.) (Ger)

[Intra–abdominal abscesses—percutaneous or surgical drainage?] Rothmund M. **Dtsch Med Wochenschr** 1985 Apr 4;110(14):527–8 (Ger)

[Use of ultrasound tomography in the control of endoscopic retrograde bile duct drainage] Bauer J, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(4):167–72 (Eng. Abstr.) (Ger)

[Chronic pancreatitis—when is a drainage operation worthwhile?] Funovics J, et al. **Langenbecks Arch Chir** 1984;363(1):67–73 (Ger)

[Endomyelography and CT in hydrosyringomyelia and intramedullary drainage operations] Molsen HP, et al. **Radiol Diagn (Berl)** 1985;26(3):349–57 (Eng. Abstr.) (Ger)

[Results of percutaneous transhepatic bile duct drainage] Lackner K, et al. **ROFO** 1985 Jun;142(6):647–54 (Eng. Abstr.) (Ger)

[Percutaneous transhepatic biliary drainage in malignant extrahepatic cholestasis] Hoevels J. **Rontgenpraxis** 1985 Mar;38(3):81–91 (73 ref.) (Ger)

[Invasive radiology in obstructive jaundice] Zollikofer CL, et al. **Schweiz Rundsch Med Prax** 1984 Oct 16; 73(42):1279–84 (Eng. Abstr.) (Ger)

[Aimed diagnosis–dependent risk–free thoracic pleural drainage] Haid B. **Unfallchirurg** 1985 Mar;88(3):105–8 (Eng. Abstr.) (Ger)

[Surgical versus non–surgical interventional palliative drainage in malignant occlusive jaundice] Lechner G. **Wien Klin Wochenschr** 1984 Aug 3;96(15):563–6 (Ger)

[Allogeneic segmental heterotopic pancreas transplantation in the dog with reference to various drainage technics] Abri O, et al. **Zentralbl Chir** 1985;110(13):821–34 (Eng. Abstr.) (Ger)

[External–internal bile duct drainage] Ruschen B, et al. **Zentralbl Chir** 1985;110(9):575–8 (Ger)

[External abdominal drainage of the lower mesocolic region] Pulcini M, et al. **Ann Ital Chir** 1984;56(3):285–95 (Ita)

[A new type of internal biliary drainage positioned by percutaneous transhepatic approach] Defilippi C, et al. **Minerva Chir** 1984 Aug 15–31;39(15–16):1073–80 (Eng. Abstr.) (Ita)

[Role of percutaneous drainage in the treatment of hepatic abscesses] Grosso M, et al. **Minerva Chir** 1985 May 15; 40(9):645-8 (Eng. Abstr.) (Ita)

[Transparietohepatic drainage in the preoperative treatment of severe obstructive jaundice] Viotto A, et al. **Minerva Chir** 1984 Jul 15-31;39(13-14):1019-22 (Eng. Abstr.) (Ita)

[Favorable outcome of probably congenital chylothorax in a 2-month-old infant treated with continuous pleural drainage] Cataldo F, et al. **Pediatr Med Chir** 1983 Nov-Dec;5(6):619-22 (Eng. Abstr.) (Ita)

[Air-plombage after open window thoracostomy for chronic empyema. Thoracostomy window pedicle muscle prosthesis by the anterior serratus muscle] Imura Y, et al. **Kyobu Geka** 1984 Jul;37(7):527-9 (Eng. Abstr.) (Jpn)

[The appraisal of biliary drainage for intrahepatic gall stones, with special reference to an end-to-side hepaticojejunostomy] Konishi K, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1128-32 (Eng. Abstr.) (Jpn)

[Comparative evaluation of endoscopic retrograde biliary drainage and percutaneous transhepatic cholangio-drainage] Fujimoto S, et al. **Nippon Rinsho** 1984 Oct;42(10):2309-16 (Jpn)

[Endoscopic naso-biliary drainage (ENBD)] Konishi K, et al. **Nippon Rinsho** 1984 Oct;42(10):2304-8 (Jpn)

[Endoscopic retrograde biliary drainage (ERBD)—malignant biliary tract stenosis] Ueno K, et al. **Nippon Rinsho** 1984 Oct;42(10):2298-303 (Jpn)

[Tubeless biliary drainage by internal irradiation using IR remote afterloading irradiation system combined with external lineac irradiation] Sumida M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Dec;81(12):3042 (Jpn)

[Clinical evaluation of endoscopic retrograde biliary drainage (ERBD) in comparison with that of precutaneous transhepatic biliary drainage (PTBD)] Yoshida S, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Apr;82(4):638-47 (Eng. Abstr.) (Jpn)

[Ultrasonically guided drainage of thymic cyst] Ikezoe J, et al. **Rinsho Hoshasen** 1985 Mar;30(3):411-4 (Eng. Abstr.) (Jpn)

[Transcutaneous external bile drainage in mechanical jaundice. Technic, indications and clinical value] Pruszyński B, et al. **Pol Przegl Radiol (Warszawa)** 1984 Mar-Apr;48(2):93-7 (Eng. Abstr.) (Pol)

[Use of penetrating transhepatic drainage in treating hepatic alveolar hydatid disease complicated by mechanical jaundice] Dederer IuM, et al. **Khirurgiia (Mosk)** 1985 Jan;(1):41-5 (Eng. Abstr.) (Rus)

[Drainage of the abdominal cavity] Iukhtina EM, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):59-62 (Eng. Abstr.) (Rus)

[Internal drainage of the biliary tract in benign lesions of the distal part of the common bile duct] Nikiforov BI, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):54-8 (Eng. Abstr.) (Rus)

[Bile-draining operations in hepatic alveolar hydatid disease] Al'perovich BI, et al. **Klin Khir** 1984 Sep;(9):40-2 (Eng. Abstr.) (Rus)

[Drainage of the abdominal cavity and retroperitoneal space in acute pancreatitis] Lashchevker VM. **Klin Khir** 1984 Nov;(11):50-2 (Rus)

[Immediate and late results of selective proximal vagotomy with different types of stomach-draining operations in treating pyloroduodenal ulcers] Shevchuk MG, et al. **Klin Khir** 1985 Mar;(3):28-31 (Eng. Abstr.) (Rus)

[Technic for draining the portal vein via the umbilical vein] Serapinas IL. **Vestn Khir** 1984 Sep;133(9):66-7 (Rus)

[Effectiveness of drainage and lavage of the abdominal cavity with regard to morphological peritoneal changes in peritonitis] Vladimirova ES, et al. **Vestn Khir** 1984 Nov; 133(11):40-4 (Eng. Abstr.) (Rus)

[Effect of Tenon's capsule on the formation and functioning of a postoperative fistula] Kolesnikova LN, et al. **Vestn Oftalmol** 1984 Sep-Oct;(5):13-5 (Eng. Abstr.) (Rus)

VETERINARY

Placement of drain tubes in obstructed teats. A photo essay. Ames NK, et al. **Mod Vet Pract** 1984 Oct;65(10):775-7

[Drainage—a possible treatment method in ascending umbilical abscess in calves] Clemente CH. **Tierarztl Prax** 1985;13(2):159-61 (Eng. Abstr.) (Ger)

DRAINAGE, SUCTION see **SUCTION**

DRAMA see under **LITERATURE**

DREAMS

Toward a psycho-structural theory: hypnosis and the structure of dreams. Hall JA. **Am J Clin Hypn** 1984 Jan; 26(3):159-65

Clinical hypnosis and recurring nightmares: a case report. Seif B. **Am J Clin Hypn** 1985 Jan;27(3):166-8

Hypnotic change in combat dreams of two veterans with posttraumatic stress disorder. Eichelman B. **Am J Psychiatry** 1985 Jan;142(1):112-4

The waking event-dream interval. Epstein AW. **Am J Psychiatry** 1985 Jan;142(1):123-4

Recovery of early memories associated with reported dream imagery. Palombo SR. **Am J Psychiatry** 1984 Dec; 141(12):1508-11

Early memories and dream formation [letter] Waugaman R. **Am J Psychiatry** 1985 Aug;142(8):991

The inveterate paradox of dreaming. Schiller F. **Arch Neurol** 1985 Sep;42(9):903-6

The 'ordinary' dreams of the Yolngu in Arnhem Land. Cawte J. **Aust NZ J Psychiatry** 1984 Sep;18(3):236-43

A Jungian commentary on the 'ordinary' dreams of the Yolngu. Petchkovsky L. **Aust NZ J Psychiatry** 1984 Sep; 18(3):245-9

Dreams after amputation [letter] Burd L. **Br J Psychiatry** 1984 Oct;145:448

The capacity of stroke patients to report dreams. Schanfald D, et al. **Cortex** 1985 Jun;21(2):237-47

Lateral eye movement and dream recall. II: Sex differences and handedness. Van Nuys DW. **Int J Psychosom** 1984; 31(3):3-7

A reappraisal of the Emma episode and the specimen dream. Hartman FR. **J Am Psychoanal Assoc** 1983;31(3):555-85

A significant 'dream within a dream'. Silber A. **J Am Psychoanal Assoc** 1983;31(4):899-915

Rational versus anagogic interpretation: xenophon's dream and others. Stein MH. **J Am Psychoanal Assoc** 1984; 32(3):529-56

Posttraumatic flashbacks, dream disturbances, and mental imagery. Burstein A. **J Clin Psychiatry** 1985 Sep; 46(9):374-8

Dreams and reality monitoring. Johnson MK, et al. **J Exp Psychol [Gen]** 1984 Sep;113(3):329-44

Anxiety and dream symbolism. Robbins PR, et al. **J Pers** 1985 Mar;53(1):17-22

Dreaming and hypnotic susceptibility: a pilot study. Gibson HB. **Percept Mot Skills** 1985 Apr;60(2):387-94

Cognitive antecedents of dream recall. Martinetti RF. **Percept Mot Skills** 1985 Apr;60(2):395-401

Food dreams and illness among Nigerians—a pilot study. Ilechukwu ST. **Psychiatr J Univ Ottawa** 1985 Jun; 10(2):89-94

Psychological and behavioral features of disturbed dreamers. Kramer M, et al. **Psychiatr J Univ Ottawa** 1984 Sep; 9(3):102-6

In search of the saddiq: visitational dreams among Moroccan Jews in Israel. Bilu Y, et al. **Psychiatry** 1985 Feb; 48(1):83-92

The meaning of dreams: the need for a standardized dream report. Smith RC. **Psychiatry Res** 1984 Nov;13(3):267-74

Film as dream: Alfred Hitchcock's Rear Window. Benton RJ. **Psychoanal Rev** 1984 Nov;71(3):483-500

Aspects of omnipotence. Eigen M. **Psychoanal Rev** 1985 Spring;72(1):149-59

Freud's Irma dream and the origins of psychoanalysis. Langs R. **Psychoanal Rev** 1984 Dec;71(4):591-617

Southeast Asian refugees of Rhode Island: psychiatric problems, cultural factors, and nightmare death. Ingall MA. **RI Med J** 1984 Aug;67(8):369-72

Vicissitudes of the suicidal impulse in dreams. Levitan H. **Suicide Life Threat Behav** 1984 Fall;14(3):201-6

[Dreams in the treatment of children and adolescents with preoedipal disorders] Hopf HH. **Prax Kinderpsychol Kinderpsychiatr** 1985 May-Jun; 34(4):154-60 (Eng. Abstr.) (Ger)

[Configuration of the dream in REM sleep] Leonhard K. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Feb;37(2):82-9 (Eng. Abstr.) (Ger)

[Paroxysmal disorders during sleep as the debut of epilepsy in children] Boldyrev AI. **Zh Nevropatol Psikhiatr** 1985; 85(6):867-71 (Eng. Abstr.) (Rus)

DRUG EFFECTS

Alprazolam and hostility [letter] Rapaport M, et al. **Am J Psychiatry** 1985 Jan;142(1):146

PHYSIOLOGY

Regional cerebral glucose metabolism in man during wakefulness, sleep, and dreaming. Heiss WD, et al. **Brain Res** 1985 Feb 18;327(1-2):362-6

Psychoanalytic dream theory and recent neurobiological findings about REM sleep. Wasserman MD. **J Am Psychoanal Assoc** 1984;32(4):831-46

Sleep dreams, cerebral dominance and creation. A new approach to the problem. Rotenberg VS. **Pavlov J Biol Sci** 1985 Apr-Jun;20(2):53-8

Ecological constraints on internal representation: resonant kinematics of perceiving, imagining, thinking, and dreaming. Shepard RN. **Psychol Rev** 1984 Oct;91(4):417-47

Sleep mentation in the elderly. Fein G, et al. **Psychophysiology** 1985 Mar;22(2):218-25

A mechanism of mania and the chemistry of dreams: a hypothesis. Maurizi CP. **South Med J** 1984 Dec; 77(12):1491-3 (31 ref.)

DRESSINGS see **BANDAGES**

DRESSINGS, OCCLUSIVE see **OCCLUSIVE DRESSINGS**

DRILL see **PAPIO**

DRINKING

Regulation of renal water excretion in newborn full-term infants. Aperia A, et al. **Acta Paediatr Scand** 1984 Nov; 73(6):717-21

AV block induced by drinking cold liquids. Gelman JS, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1054-6

Acute reduction of plasma vasopressin levels by rehydration in sheep. Blair-West JR, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):R68-71

Inhibition of plasma vasopressin after drinking in dehydrated humans. Geelen G, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R968-71

Disordered drinking in developing spontaneously hypertensive rats. Kraly FS, et al. **Am J Physiol** 1985 Apr; 248(4 Pt 2):R464-70

Exercise training-induced hypervolemia in greyhounds: role of water intake and renal mechanisms. McKeever KH, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):R422-5

Osmotic factors in restitution from thermal dehydration in rats. Nose H, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R166-71

Central angiotensin converting enzyme blockade and salt preference in renovascular hypertensive rats. Chan JY, et al. **Ann Acad Med Singapore** 1985 Jan;14(1):137-42

Improved optic nerve conduction with ingestion of ice water [letter] Scherokman BJ, et al. **Ann Neurol** 1985 Apr; 17(4):418-9

Endorphinergic mechanisms in food, salt and water intake: an overview. Cooper SJ, et al. **Appetite** 1984 Mar;5(1):1-6 (37 ref.)

Histamine: a role in normal drinking. Kraly FS. **Appetite** 1985 Jun;6(2):153-68

Pre slaughter handling of cattle: the availability of water during the lairage period. Wythes JR, et al. **Aust Vet J** 1985 May;62(5):163-5

Voluntary dehydration and electrolyte losses during prolonged exercise in the heat. Armstrong LE, et al. **Aviat Space Environ Med** 1985 Aug;56(8):765-70

Operant behavior and drinking suppression in vasopressin-deficient rats (Brattleboro strain). Brito GN. **Behav Brain Res** 1985 Jan;15(1):71-4

Trigeminal reflexes and ingestive behavior in the rat. Zeigler HP, et al. **Behav Neurosci** 1984 Dec;98(6):1023-38

Maturation of brainstem reflex mechanisms in relation to the transition from liquid to solid food ingestion. Thexton AJ, et al. **Brain Behav Evol** 1984;25(2-3):138-45

Interaction between licking and swallowing in the drinking rat. Weijnen JA, et al. **Brain Behav Evol** 1984; 25(2-3):117-27

Role for the subfornical organ in vasopressin release. Mangiapane ML, et al. **Brain Res Bull** 1984 Jul;13(1):43-7

Plasma antidiuretic hormone (ADH) concentrations in cattle, during various water and feed regimes. Becker BA, et al. **Comp Biochem Physiol [A]** 1985;81(4):755-9

Adrenal responses to chronic and acute water stress in Japanese quail Coturnix japonica. Tome ME, et al. **Comp Biochem Physiol [A]** 1985;81(1):171-9

Diurnal rhythm of water intake and plasma angiotensin II in the Japanese quail (Coturnix coturnix japonica). Okawara Y, et al. **Gen Comp Endocrinol** 1985 Apr; 58(1):89-92

Altered solid and liquid gastric emptying in patients with duodenal ulcer disease. Maddern GJ, et al. **Gut** 1985 Jul; 26(7):689-93

Effects of caffeine ingestion during pregnancy. Furuhashi N, et al. **Gynecol Obstet Invest** 1985;19(4):187-91

Effects of meal-time restriction on water intake in rats. Rao BS, et al. **Indian J Exp Biol** 1984 Aug;22(8):439-41

A study of caffeine consumption and symptoms; indigestion, palpitations, tremor, headache and insomnia. Shirlow MJ, et al. **Int J Epidemiol** 1985 Jun;14(2):239-48

Effects of water flow restriction and environmental factors on performance of nursery-age pigs. Nienaber JA, et al. **J Anim Sci** 1984 Dec;59(6):1423-9

Compulsive polydipsia presenting as diabetes insipidus: a behavioral approach. Klonoff EA, et al. **J Behav Ther Exp Psychiatry** 1984 Dec;15(4):353-8

Water intoxication associated with nephrogenic diabetes insipidus secondary to lithium: case report. De Soto MF, et al. **J Clin Psychiatry** 1985 Sep;46(9):402-3

Ad libitum water intake by neonatal calves and its relationship to calf starter intake, weight gain, feces score, and season. Kertz AF, et al. **J Dairy Sci** 1984 Dec; 67(12):2964-9

Ruminal bypass of drinking water in lactating cows. Woodford ST, et al. **J Dairy Sci** 1984 Oct;67(10):2471-4

The effect of maternal fluid intake on the volume and composition of fetal urine. Stevens AD, et al. **J Dev Physiol** 1985 Jun;7(3):161-6

Drinking-induced changes in fowl adrenocortical activity: effect of visual and non-visual stimuli. Harvey S, et al. **J Endocrinol** 1985 Feb;104(2):225-31

Effect of supplemental fluids on human milk production. Dusdieker LB, et al. **J Pediatr** 1985 Feb;106(2):207-11

What makes wild rabbits drink? Tarjan E, et al. **J Physiol (Paris)** 1984;79(6):466-70

Influences of fasting and water intake on plasma refill during hemorrhagic shock. Chadwick CD, et al. **J Trauma** 1985 Jul;25(7):608-14

The physiologic interferon response. VI. Interferon activity in human plasma after a meal and drinking. Bocci V, et al. **Lymphokine Res** 1985 Spring;4(2):151-8

Physiological responses to a 20-mile run under three fluid replacement treatments. Wells CL, et al.

Med Sci Sports Exerc 1985 Jun;17(3):364–9

The risks of excessive water drinking in epileptic patients [letter] White JC. **N Engl J Med** 1985 Jan 24;312(4):246–7

An investigation of brain reinforcement systems involved in the concurrent self-administration of food, water, and morphine. Dworkin SI, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:165–71

Drinking by senescent and adult rats in response to regulatory challenges. Martin JR, et al. **Neurobiol Aging** 1985 Spring; 6(1):57–9

Transitions in the dehydration-induced inhibition of milk intake in suckling rats. Cramer CP, et al. **Physiol Behav** 1984 Apr;32(4):691–4

A detailed analysis of sucrose drinking in the rat. Spector AC, et al. **Physiol Behav** 1984 Jul;33(1):127–36

Intakes of feed and water following restriction in selected and nonselected broilers. Marks HL, et al. **Poult Sci** 1984 Dec;63(12):2307–17

Sexual dimorphism in early feed and water intake of broilers. Marks HL. **Poult Sci** 1985 Mar;64(3):425–8

The roles of protein level and diet form in water consumption and abdominal fat pad deposition of broilers. Marks HL, et al. **Poult Sci** 1984 Aug;63(8):1617–25

Water consumption of broiler chickens under commercial conditions. Pesti GM, et al. **Poult Sci** 1985 May;64(5):803–8

Effect of watering systems for floor-reared pullets on subsequent caged laying hen performance. Roush WB, et al. **Poult Sci** 1984 Dec;63(12):2331–4

Drinking water treatment with a commercial preparation of a concentrated Lactobacillus culture for broiler chickens. Watkins BA, et al. **Poult Sci** 1984 Aug;63(8):1671–3

The relationship between plasma concentrations of prolactin and consumption of feed and water during the reproductive cycle of the domestic turkey. Zadworny D, et al. **Poult Sci** 1985 Feb;64(2):401–10

Physiology of drinking elicited by eating. Kraly FS. **Psychol Rev** 1984 Oct;91(4):478–90

Importance of water for the health and productivity of the dairy cow. Little W, et al. **Res Vet Sci** 1984 Nov; 37(3):283–9

The effect of water intake on body temperature during rugby matches. Goodman C, et al. **S Afr Med J** 1985 Apr 6; 67(14):542–4

Oral water causes emptying of the human gallbladder through actions of vagal stimuli rather than motilin. Svenberg T, et al. **Scand J Gastroenterol** 1985 Aug; 20(6):775–8

Water intake of weaned piglets from three to seven weeks old. Brooks PH, et al. **Vet Rec** 1984 Nov 17;115(20):513–5

Failure of drinking water sanitisation to reduce the incidence of natural salmonella in broiler chickens. Al-Chalaby ZA, et al. **Vet Rec** 1985 Apr 6;116(14):364–5

Water medication [letter] Swarbrick O. **Vet Rec** 1984 Dec 15;115(24):634–5

[Histo-autoradiographic study of the gastric mucus secretion in the rat's stomach. 1. Effect of starvation, water ingestion, and ingestion of an antacid] Rateau JG, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Feb–Mar; 21(2):121–4 **(Fre)**

[Development of a photoperiod-controllable clean rack for rats: circadian rhythms of water intake and blood corticosterone levels] Torii R, et al. **Jikken Dobutsu** 1985 Jan;34(1):57–62 (Eng. Abstr.) **(Jpn)**

[A case of complex partial seizure with water drinking as an ictal behavior] Kataoka S, et al. **Rinsho Shinkeigaku** 1984 Nov;24(11):1121–7 (Eng. Abstr.) **(Jpn)**

[Effect of the quality of drinking water on the health status of the adult population in the area of irrigated fields in Wroclaw. Origin of the problem and methods of studies] Gizler M, et al. **Rocz Panstw Zakl Hig** 1984;35(2):173–80 (Eng. Abstr.) **(Pol)**

[Dissemination of senile cataract among the population of Poltava Province consuming water with various fluorine levels] Kas'ianenko AS, et al. **Oftalmol Zh** 1984;(5):302–4 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Stress, endogenous opioids and salt intake. Kuta CC, et al. **Appetite** 1984 Mar;5(1):53–60

Kappa opioid agonists and antagonists: effects on drinking and urinary output. Leander JD. **Appetite** 1984 Mar; 5(1):7–14

Suppression of food and water intake after intracerebroventricular infusion of morphine and naloxone in rabbits. Konecka AM, et al. **Arch Int Physiol Biochim** 1984 Oct;92(3):219–26

The effect of 6-OHDA lesions of the lateral septum on schedule-induced polydipsia. Taghzouti K, et al. **Behav Brain Res** 1985 Jan;15(1):1–8

Central angiotensin-induced water intake and salt appetite in the pig. Mutter J, et al. **Brain Res** 1984 Nov 26; 322(2):374–7

Effect of intracerebroventricularly administered octopamines and synephrines on angiotensin II-induced water intake in rats. Fregly MJ, et al. **Brain Res Bull** 1984 Aug; 13(2):293–7

Injections of phentolamine into the anterior hypothalamus-preoptic area of rats blocks both pressor and drinking responses produced by central administration of angiotensin II. Jones DL. **Brain Res Bull** 1984 Jul; 13(1):127–33

Angiotensin converting enzyme blockade and thirst. DiNicolantonio R. **Clin Exp Hypertens [A]** 1984; 6(10–11):2025–9

Inhibition of central angiotensin II induced drinking by GABA in the rat. Hutchinson JS, et al. **Clin Exp Hypertens [A]** 1984;6(10–11):1777–80

Effects of calcium antagonists on central pressor and dipsogenic activities of angiotensin II in rats. Kondo K, et al. **Clin Exp Hypertens [A]** 1984;6(10–11):2007–11

Effect of chronic administration of deoxycorticosterone acetate on salt appetite of captopril-treated rats. Fregly MJ, et al. **Endocrinology** 1985 Apr;116(4):1391–8

Effects of Leu5-enkephalin on natural and angiotensin II-induced drinking in the Japanese quail (Coturnix coturnix japonica). Uemura H, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):240–5

Water and salt intake of wild rabbits (Oryctolagus cuniculus (L)) following dipsogenic stimuli. Denton DA, et al. **J Physiol (Lond)** 1985 May;362:285–301

Involvement of the renin-angiotensin system in captopril-induced sodium appetite in the rat. Elfont RM, et al. **J Physiol (Lond)** 1984 Sep;354:11–27

A central Na+ receptor and its influence on osmotic and angiotensin II induced drinking in the pigeon Columbia livia. Thornton SN. **J Physiol (Paris)** 1984;79(6):505–10

Two inhibitors of angiotensin-converting enzyme, enalapril and captopril, increase salt appetite of rats. Minsker DH, et al. **J Toxicol Environ Health** 1984;14(5–6):715–22

Suppression of operant responding for food and water reinforcement following intraventricular injections of Bombesin in the rat. Babcock AM, et al. **Life Sci** 1985 Mar 11;36(10):981–5

Neuropeptide Y: stimulation of feeding and drinking by injection into the paraventricular nucleus. Stanley BG, et al. **Life Sci** 1984 Dec 24;35(26):2635–42

Behavioral evidence for beta-adrenoceptor subsensitivity after subacute antidepressant/alpha 2-adrenoceptor antagonist treatment. Goldstein JM, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jun; 329(4):355–8

Effects of intracerebroventricular injection of naloxone on operant feeding and drinking in pigs. Baldwin BA, et al. **Pharmacol Biochem Behav** 1985 Jan;22(1):37–40

Ethanol-induced inhibition of the drinking response to hypertonic saline in the rat. Heyward P, et al. **Pharmacol Biochem Behav** 1985 Mar;22(3):493–6

Effect of beta-adrenergic antagonists on experimentally induced drinking in female rats. Katovich MJ, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):553–8

Effect of nicotine on drinking and diuresis in septal lesioned rats. Iovino M, et al. **Physiol Behav** 1985 Feb;34(2):307–9

The influence of dietary salt on water consumption and carcass lipids in Japanese quail. Darden JR, et al. **Poult Sci** 1985 Jul;64(7):1269–78

Effect of intracerebroventricular glucose injection on feeding in Leghorn chicks. Denbow DM, et al. **Poult Sci** 1985 Mar; 64(3):550–4

Food and water intake of broiler chicks as affected by intracerebroventricular injections of cholinomimetics. Denbow DM, et al. **Poult Sci** 1985 May;64(5):991–4

Effects of coccidiostats and dietary protein on performance and water consumption in broiler chickens. Wheelhouse RK, et al. **Poult Sci** 1985 May;64(5):979–85

Intraventricular administration of cyclo(His-Pro), a metabolite of thyrotropin-releasing hormone (TRH), decreases water intake in the rat. Ishihara H, et al. **Proc Soc Exp Biol Med** 1985 Apr;178(4):623–8

Naloxone suppresses fluid consumption in tests of choice between sodium chloride solutions and water in male and female water-deprived rats. Cooper SJ, et al. **Psychopharmacology (Berlin)** 1984;84(3):362–7

[Effect of metoprolol on water drinking activity in Wistar Kyoto rats] Minami M, et al. **Hokkaido Igaku Zasshi** 1984 Jul;59(4):471–7 (Eng. Abstr.) **(Jpn)**

DRINKING, ALCOHOL see ALCOHOL DRINKING

DRINKING BEHAVIOR

Light effects on circadian timing system of a diurnal primate, the squirrel monkey. Hoban TM, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R274–80

Polydipsia in psychiatric patients [letter] Johnson RW, et al. **Am J Psychiatry** 1985 Jul;142(7):885

The effects of the composition and method of drinking of soft drinks on plaque pH. Grobler SR, et al. **Br Dent J** 1985 Apr 20;158(8):293–6

The medical and psychological investigation of psychogenic polydipsia: a case study. Kulkarni J, et al. **Br J Psychiatry** 1985 May;146:545–7

Water intoxication in psychiatric patients. Singh S, et al. **Br J Psychiatry** 1985 Feb;146:127–31

Feeding and drinking behavior of mares and foals with free access to pasture and water. Crowell-Davis SL, et al. **J Anim Sci** 1985 Apr;60(4):883–9

Polydipsia and chronic hyponatremia in schizophrenic inpatients. Kirch DG, et al. **J Clin Psychiatry** 1985 May; 46(5):179–81

A discriminant analysis of adolescent problem drinking. Forney MA, et al. **J Drug Educ** 1984;14(4):347–55

Effect of procurement cost on the drinking of a saccharin-sucrose solution by non-deprived rats. Gannon KN, et al. **Physiol Behav** 1984 Dec;33(6):917–21

Effect of procurement wheel running on the rate of drinking in rats. Smith HV, et al. **Physiol Behav** 1984 Dec; 33(6):927–30

Changes in ambulation and drinking behavior related to stroke in stroke-prone spontaneously hypertensive rats. Minami M, et al. **Stroke** 1985 Jan–Feb;16(1):44–8

Urine drinking [letter] Orfeur NB. **Vet Rec** 1985 May 11; 116(19):527

[Ruminal drinkers and clay defecators] de Visser NA, et al. **Tijdschr Diergeneeskd** 1984 Oct 15;109(20):800–4 (Eng. Abstr.) **(Dut)**

[Electroclinical study of partial complex epilepsy. Paroxysmal need to drink] Despland PA, et al. **Rev Electroencephalogr Neurophysiol Clin** 1985 Apr; 14(4):293–6 (Eng. Abstr.) **(Fre)**

[Abnormal thirst (polydipsia) and water intoxication in mental disorders] Habrat B. **Psychiatr Pol** 1984 Mar–Apr; 18(2):139–63 **(Pol)**

DRUG EFFECTS

Drinking behavior is modulated by CNS administration of opioids in the rat. Czech DA, et al. **Appetite** 1984 Mar; 5(1):15–24

The effect of naloxone on schedule-induced and other drinking. Wallace M, et al. **Appetite** 1984 Mar;5(1):39–44

Drinking: a final common pathway? Wilson KM, et al. **Appetite** 1984 Mar;5(1):31–8

Suppression of schedule-induced drinking and food-reinforced bar pressing by tail-pinch is not reversed by naloxone. Murphy EP, et al. **Behav Neural Biol** 1985 Jan;43(1):86–99

Fluid intake, distribution, and excretion during lateral ventricular infusions of carbachol in rats. Fitts DA, et al. **Brain Res** 1985 Apr 22;332(2):237–45

Reduced dipsogenic responsiveness to intracerebroventricularly administered angiotensin II in estrogen-treated rats. Fregly MJ, et al. **Brain Res** 1985 Jul 8;338(1):115–21

Angiotensin-estrogen central interaction: localization and mechanism. Jonklaas J, et al. **Brain Res** 1985 Feb 11; 326(2):239–49

Feeding and drinking elicited by central injection of neuropeptide Y: evidence for a hypothalamic site(s) of action. Stanley BG, et al. **Brain Res Bull** 1985 Jun; 14(6):521–4

Effects of different bacterial endotoxins on the drinking behaviour of the rat. Foca' A, et al. **G Batteriol Virol Immunol** 1984 Jan–Jun;77(1–6):9–18

Absence of therapeutic blood concentrations of tetracycline in rats after administration in drinking water. Porter WP, et al. **Lab Anim Sci** 1985 Feb;35(1):71–5

Comparison of the effects of fenfluramine and other anorectic agents in different feeding and drinking paradigms in rats. Rowland NE, et al. **Life Sci** 1985 Jun 17;36(24):2295–300

Effect of (D-Met2, Pro5)enkephalinamide, a highly potent opiate agonist, on the drinking behaviour of rats. Decsi L, et al. **Neuropharmacology** 1985 Jan;24(1):5–8

Cholecystokinin acts through catecholaminergic mechanisms in the hypothalamus to influence ingestive behaviour in the rat. Tsai SH, et al. **Neuropharmacology** 1984 Nov; 23(11):1351–6

Effects of anorexigenic agents on deprivation-induced fluid consumption by rats. Zabik JE, et al. **Neuropharmacology** 1984 Nov;23(11):1339–42

Behavioural pharmacology of food, water and salt intake in relation to drug actions at benzodiazepine receptors. Cooper SJ, et al. **Neurosci Biobehav Rev** 1985 Spring; 9(1):5–19 (162 ref.)

Intracerebroventricular injection of ostrich beta-endorphin to satiated pigeons induces hyperphagia but not hyperdipsia. Deviche P, et al. **Peptides (Fayetteville)** 1984 Jul–Aug;5(4):691–4

Opiate antagonists stereoselectively attenuate the consumption of food but not of water by pigeons. Deviche P, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):507–12

Saline drinking and naloxone: lightcycle dependent effects on social behaviour in male mice. Paterson AT, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):495–9

Pentobarbital-induced drinking does not rely on a renal dipsogen. Asin KE, et al. **Physiol Behav** 1985 Jan; 34(1):151–3

Learned aversion to mannitol in water-deprived rats. Bardos G, et al. **Physiol Behav** 1984 Oct;33(4):533–6

Lithium in pigmented eye rats: effects of dose and time of day on drinking, body weight, retinal and blood distribution. Werstiuk ES, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4–6):765–8

Ingestive behaviour of the pigeon: stereoselective influence of the opiate agonist levorphanol and its antagonism by naloxone. Deviche P, et al. **Psychopharmacology (Berlin)** 1984;83(4):357–62

PHYSIOLOGY

Circadian rhythms of water and alcohol intake: effect of REM-sleep deprivation and lesion of the suprachiasmatic nucleus. Aalto J, et al. **Alcohol** 1984 Sep–Oct;1(5):403–7

Water intoxication in a psychotic patient with normal renal water excretion. Gillum DM, et al. **Am J Med** 1984 Oct; 77(4):773–4

Endogenous renin-angiotensin system and drinking behavior in flounder. Balment RJ, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R157–60

Impaired drinking responses of rats with lesions of nucleus medianus: circadian dependence. Gardiner TW, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R224–30

Self-induced water intoxication and hyperdopaminergic state [letter] Shen WW, et al. **Am J Psychiatry** 1984 Oct; 141(10):1305–6

Asymmetry in the effects of unilateral 6-OHDA lesions on eating and drinking evoked by hypothalamic stimulation. Mittleman G, et al. **Behav Brain Res** 1985 May;15(3):263–7

Comparison of electrolytic and ibotenic acid lesions in the lateral hypothalamus. Markowska A, et al. **Brain Res** 1985 Mar 4;328(2):313–23

Physiological stimuli of thirst and drinking patterns in ponies. Sufit E, et al. **Equine Vet J** 1985 Jan;17(1):12–6

Relationship of milk intake by sucking and by drinking to reticular-groove reactions and ingestion behavior in calves. Wise GH, et al. **J Dairy Sci** 1984 Sep;67(9):1983–92

Does pancreatic cancer lead to an increased coffee consumption? [letter] Heuch I, et al. **Lancet** 1985 Feb 9; 1(8424):339

Circadian rhythms of drinking and body temperature of the owl monkey (Aotus trivirgatus). Hoban TM, et al. **Physiol Behav** 1985 Apr;34(4):513–8

Development of the drinking deficit to hypertonic saline in rats after abdominal vagotomy. Jerome C, et al. **Physiol Behav** 1984 May;32(5):819–21

Histamine plays no part in schedule-induced polydipsia in the rat. Kraly FS, et al. **Physiol Behav** 1985 May; 34(5):831–4

Histamine plays a major role for drinking elicited by spontaneous eating in rats. Kraly FS, et al. **Physiol Behav** 1984 Oct;33(4):611–4

The effect of constant light on maternal physiology and behavior. Leon M. **Physiol Behav** 1985 Apr;34(4):631–3

Circadian rhythms and patterns of running-wheel activity, feeding and drinking behaviors of old male rats. Peng MT, et al. **Physiol Behav** 1984 Oct;33(4):615–20

Body fluid changes, thirst and drinking in man during free access to water. Phillips PA, et al. **Physiol Behav** 1984 Sep; 33(3):357–63

Perception of drinking water temperature and effects for humans after exercise. Sandick BL, et al. **Physiol Behav** 1984 May;32(5):851–5

Discriminative control of hyperdipsic drinking in the baboon. Turkkan JS, et al. **Physiol Behav** 1984 Dec;33(6):989–92

Effects of water availability on plasma protein and sodium concentration, haematocrit and plasma osmolality in the pig. Stephens DB. **Q J Exp Physiol** 1985 Jul;70(3):389–401

[Behavioral and biochemical characteristics of rats preferring ethanol or water] Kulikova OG, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):664–5 (Eng. Abstr.) **(Rus)**

[Relation of drinking excitability to body weight, animal sex and time of the year] Esipenko BE, et al. **Fiziol Zh** 1985 May–Jun;31(3):272–8 (Eng. Abstr.) **(Rus)**

DRIVE

see related

SEX

The development of the drive object concept in Freud's work: 1905–1915. Compton A. **J Am Psychoanal Assoc** 1985;33(1):93–115

Self, ego, affects, and drives. Kernberg OF. **J Am Psychoanal Assoc** 1982;30(4):893–917

Paranoid and nonparanoid schizophrenia: drive dominated thinking and thought pathology at two phases of disorder. Lazar BS, et al. **J Clin Psychol** 1985 Mar;41(2):145–51

[The ambitio-impulse different from narcissism] Bour P. **Ann Med Psychol (Paris)** 1984 Nov;142(9):1173–90 (Eng. Abstr.) **(Fre)**

[Narcissism and the drives] Lavoie JG. **Psychiatr J Univ Ottawa** 1984 Sep;9(3):107–14 (Eng. Abstr.) **(Fre)**

[Validity of the Eppendorf Mood-Drive Scale] Richter P, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(6):363–8 (Eng. Abstr.) **(Ger)**

[Calculation by Supprian of the phase calendar of endogenous depressions—a statistical artifact?] Richter P. **Fortschr Neurol Psychiatr** 1985 Mar;53(3):94–100 (Eng. Abstr.) **(Ger)**

[How do we arrive at a 'constitutional intolerance' to war? Remarks on the Einstein-Freud correspondence 50 years later] Horn K. **Psyche (Stuttg)** 1984 Dec;38(12):1083–104 (Eng. Abstr.) **(Ger)**

[The problem of the death drive] Widmer P. **Psyche (Stuttg)** 1984 Dec;38(12):1059–82 (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

Honored guest presentation: abulia minor vs. agitated behavior. Fisher CM. **Clin Neurosurg** 1983;31:9–31

DROMEDARY see **CAMELS**

L-DROMORAN see **LEVORPHANOL**

DROOLING see **SIALORRHEA**

DROPERIDOL

[Use of small neuroleptanalgesia sub partu] Domke N, et al. **Zentralbl Gynakol** 1984;106(10):666–71 (Eng. Abstr.) **(Ger)**

ADMINISTRATION & DOSAGE

A combination of oral diazepam and droperidol for premedication. A double blind comparison with diazepam alone. Goldhill DR, et al. **Acta Anaesthesiol Belg** 1985 Jun; 36(2):53–60

Midazolam versus fentanyl/droperidol and placebo as intramuscular premedicant. van Wijhe M, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):409–14

[Double-blind randomized clinical study of a droperidol-fentanyl combination] Bertrand JC, et al. **Cah Anesthesiol** 1984 Mar;32(3):225–7 (Eng. Abstr.) **(Fre)**

[High dosage thalamonal/rohypnol for premedication (letter)] Höfling S. **Anaesthesist** 1985 May;34(5):261–4 **(Ger)**

ADVERSE EFFECTS

[2 cases of anaphylaxis from droperidol] Occelli G, et al. **Ann Fr Anesth Reanim** 1984;3(6):440–2 (Eng. Abstr.) **(Fre)**

[Acute dystonic reactions after administration of neuroleptics and other drugs] Prusiński A, et al. **Wiad Lek** 1985 Mar 1;38(5):347–51 (Eng. Abstr.) **(Pol)**

[Anaphylactic reaction to droperidol] Aguilera Celorrio L, et al. **Rev Esp Anestesiol Reanim** 1984 Nov–Dec; 31(6):249–52 (Eng. Abstr.) **(Spa)**

[Extrapyramidal syndrome as an adverse reaction to droperidol (letter)] Quevedo Arechederra MA, et al. **Rev Esp Anestesiol Reanim** 1985 May–Jun;32(3):133–4 **(Spa)**

PHARMACODYNAMICS

Surgical stimulation during high-dose fentanyl anaesthesia: effects of dehydrobenzperidol on the haemodynamics and myocardial oxygenation. Heikkilä H, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):259–64

Effects of fentanyl citrate and droperidol on electroencephalographic findings in dogs. Katherman AE, et al. **Am J Vet Res** 1985 Apr;46(4):974–6

Mechanism of the effect of droperidol to induce catecholamine efflux from the adrenal medulla. Sumikawa K, et al. **Anesthesiology** 1985 Jan;62(1):17–22

Droperidol inhibits cardiac vagal efferents in dogs. Nashan B, et al. **Br J Anaesth** 1984 Nov;56(11):1259–66

Intermittent treatment with droperidol, a short-acting neuroleptic, increases behavioral dopamine receptor sensitivity. Belmaker RH, et al. **Psychopharmacology [Suppl]** 1985;2:194–9

[Acute mucosal damage of the stomach of the Wistar rat and its prevention with the drug combination droperidol/atropine—an animal experiment study] Weber PM, et al. **Z Exp Chir Transplant Kunstliche Organe** 1985; 18(3):164–8 (Eng. Abstr.) **(Ger)**

[The study on the effect of spinal function in NLA—as an index of the change in unit activities on lamina V type cells] Nagasaka H. **Masui** 1985 Mar;34(3):280–5 (Eng. Abstr.) **(Jpn)**

[Effect of vasoactive drugs on the effectiveness of transfusion therapy in the late period of hemorrhagic shock] Sherman DM, et al. **Gematol Transfuziol** 1985 Feb;30(2):27–31 (Eng. Abstr.) **(Rus)**

[Effect of the separate and combined use of fentanyl and droperidol on animal sensitivity to hypoxia] Volynskiĭ BG, et al. **Patol Fiziol Eksp Ter** 1985 May–Jun;(3):71–3 (Eng. Abstr.) **(Rus)**

[The role of changes in the antioxidative activity and phospholipid composition of the rat liver in the mechanism of phenazepam action on the liver and the protective effect of talamonal] Molochkina EM, et al. **Vopr Med Khim** 1985 May–Jun;31(3):17–21 (Eng. Abstr.) **(Rus)**

[Endorphinergic repercussions of anesthetic premedication] Miralles FS, et al. **Rev Esp Anestesiol Reanim** 1984 Nov–Dec;31(6):229–30 (Eng. Abstr.) **(Spa)**

[Effect of type II neuroleptanalgesia on T and B lymphocytes] Pacheco M, et al. **Rev Esp Anestesiol Reanim** 1984 Nov–Dec;31(6):225–8 (Eng. Abstr.) **(Spa)**

THERAPEUTIC USE

General anesthesia with etomidate, alfentanil and droperidol for caesarean section. Regaert P, et al. **Acta Anaesthesiol Belg** 1984 Sep;35(3):193–200

Effect of a small dose of droperidol on nausea, vomiting and recovery after outpatient enflurane anaesthesia. Valanne J, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):359–62

Nausea and vomiting in day-case dental anaesthesia. The use of low-dose droperidol. O'Donovan N, et al. **Anaesthesia** 1984 Dec;39(12):1172–6

Extradural droperidol potentiates extradural opioids [letter] Bach V, et al. **Br J Anaesth** 1985 Feb;57(2):238

The antiemetic activity of droperidol administered by intramuscular injection during cisplatin chemotherapy: a pilot study. Cersosimo RJ, et al. **Drug Intell Clin Pharm** 1985 Feb;19(2):118–21

Droperidol as an antiemetic in cis-platinum-induced nausea and vomiting. Roberts WS, et al. **Oncology** 1985;42(1):42–3

[High-dose thalamonal-rohypnol for premedication. A randomized double-blind study] Tolksdorf W, et al. **Anaesthesist** 1984 Oct;33(10):489–92 (Eng. Abstr.) **(Ger)**

[Combined use of droperidol and xylocitin in peripheral arteriography] Böhlke R, et al. **Radiol Diagn (Berl)** 1984; 25(3):255–7 (Eng. Abstr.) **(Ger)**

[Epidural administration of morphine-droperidol mixture for postoperative analgesia] Ochi G, et al. **Masui** 1985 Mar; 34(3):330–4 (Eng. Abstr.) **(Jpn)**

[Effect of neuroleptanalgesia agents on the collateral coronary circulation and systemic hemodynamics in acute myocardial ischemia] Iakushev MP, et al. **Farmakol Toksikol** 1984 Jul–Aug;47(4):59–62 (Eng. Abstr.) **(Rus)**

DROPSY see **EDEMA**

DROSOPHILA

ANALYSIS

A further characterization of Drosophila cuticular monoenes using a mass spectrometry method to localize double bonds in complex mixtures. Pechine JM, et al. **Anal Biochem** 1985 Feb 15;145(1):177–82

ANATOMY & HISTOLOGY

Ultrastructural analysis of peritrophic membrane formation of Drosophila auraria larvae. Dimitriadis VK. **J Submicrosc Cytol** 1985 Apr;17(2):293–7

DRUG EFFECTS

Mutagenic potency of heterocyclic amines in the Drosophila wing spot test and its correlation to carcinogenic potency. Yoo MA, et al. **Gann** 1985 Jun;76(6):468–73

EMBRYOLOGY

Differentiation of primary embryonic neuroblasts in purified neural cell cultures from Drosophila. Furst A, et al. **Dev Biol** 1985 May;109(1):184–92

Partial rescue of embryos from two maternal-effect neurogenic mutants by transplantation of wild-type ooplasm. LaBonne SG, et al. **Dev Biol** 1985 Jul;110(1):264–7

An early role of maternal mRNA in establishing the dorsoventral pattern in pelle mutant Drosophila embryos. Müller-Holtkamp F, et al. **Dev Biol** 1985 Jul;110(1):238–46

Three distinct distributions of F-actin occur during the divisions of polar surface caps to produce pole cells in Drosophila embryos. Warn RM, et al. **J Cell Biol** 1985 Apr;100(4):1010–5

ENZYMOLOGY

Aldehyde dehydrogenase in Drosophila: developmental and functional aspects. Garcin F, et al. **Alcohol** 1985 Jan–Feb; 2(1):85–9

Alcohol dehydrogenase from Drosophila funebris and Drosophila immigrans: molecular and evolutionary aspects. Vilageliu L, et al. **Biochem Genet** 1984 Oct; 22(9–10):797–815

Genetic variation affecting the expression of enzyme-coding genes in Drosophila: an evolutionary perspective. Laurie-Ahlberg CC. **Isozymes Curr Top Biol Med Res** 1985;12:33–88 (206 ref.)

Dihydrofolate reductase activity and resistance to aminopterin in various species of Drosophila. Silber J, et al. **MGG** 1985;200(1):92–5

High levels of intron-containing RNAs are associated with expression of the Drosophila DOPA decarboxylase gene. Beall CJ, et al. **Mol Cell Biol** 1984 Sep;4(9):1669–74

GENETICS

Genetic control of the difference in male courtship sound between Drosophila virilis and D. lummei. Hoikkala A, et al. **Behav Genet** 1984 May;14(3):257–68

Olfactory responses to alcohols by adults of sympatric populations of Drosophila melanogaster and Drosophila simulans. Soliman MH, et al. **Behav Genet** 1984 May; 14(3):295–313

Localization of genes coding for biochemical traits on the second chromosome of Drosophila imeretensis Sokolov (D. littoralis Meigen). Gontcharenko GG, et al. **Biochem Genet** 1985 Apr;23(3–4):329–35

The meiotic and mitotic chromosomes of picture-winged Hawaiian Drosophila species. I. Drosophila grimshawi and D. cyrtoloma. Clayton FE. **Can J Genet Cytol** 1985 Aug; 27(4):441–9

Symmetrical and asymmetrical sexual isolation among laboratory strains of Drosophila ananassae. Singh BN, et al. **Can J Genet Cytol** 1985 Aug;27(4):405–9

Evidence that two mutations, wDZL and z1, affecting synapsis-dependent genetic behavior of white are transcriptional regulatory mutations. Bingham PM, et al. **Cell** 1985 Apr;40(4):819–25

Prothoracic transformation and functional structure of the Ultrabithorax gene of Drosophila. Casanova J, et al. **Cell** 1985 Sep;42(2):663–9

A 43 kilobase cosmid P transposon rescues the fs(1)K10 morphogenetic locus and three adjacent Drosophila developmental mutants. Haenlin M, et al. **Cell** 1985 Apr;

40(4):827-37

An insertion within a variably spliced Drosophila tropomyosin gene blocks accumulation of only one encoded isoform. Karlik CC, et al. **Cell** 1985 May; 41(1):57-66

A nonsense mutation within the act88F actin gene disrupts myofibril formation in Drosophila indirect flight muscles. Karlik CC, et al. **Cell** 1984 Oct;38(3):711-9

Human DNA sequences homologous to a protein coding region conserved between homeotic genes of Drosophila. Levine M, et al. **Cell** 1984 Oct;38(3):667-73

Molecular cloning and chromosome mapping of a mouse DNA sequence homologous to homeotic genes of Drosophila. McGinnis W, et al. **Cell** 1984 Oct;38(3):675-80

The flightless Drosophila mutant raised has two distinct genetic lesions affecting accumulation of myofibrillar proteins in flight muscles. Mahaffey JW, et al. **Cell** 1985 Jan;40(1):101-10

The Drosophila ninaE gene encodes an opsin. O'Tousa JE, et al. **Cell** 1985 Apr;40(4):839-50

Forked, gypsys, and suppressors in Drosophila. Parkhurst SM, et al. **Cell** 1985 Jun;41(2):429-37

Determinants of heat shock-induced chromosome puffing. Simon JA, et al. **Cell** 1985 Apr;40(4):805-17

Sequences required for in vitro transcriptional activation of a Drosophila hsp 70 gene. Topol J, et al. **Cell** 1985 Sep; 42(2):527-37

The evolutionary history of Drosophila buzzatii. IX. High frequencies of new chromosome rearrangements induced by introgressive hybridization. Naveira H, et al. **Chromosoma** 1985;91(2):87-94

Structure and activity of salivary gland chromosomes of Drosophila gibberosa. Roberts PA, et al. **Chromosoma** 1985; 92(1):55-68

The localized requirements for a gene affecting segmentation in Drosophila: analysis of larvae mosaic for runt. Gergen JP, et al. **Dev Biol** 1985 Jun;109(2):321-35

Drosophila P element integration in the mouse. Khillan JS, et al. **Dev Biol** 1985 May;109(1):247-50

The effects of zygotic lethal mutations on female germ-line functions in Drosophila. Perrimon N, et al. **Dev Biol** 1984 Oct;105(2):404-14

Homoeosis in Drosophila: anterior and posterior transformations of Polycomb lethal embryos. Sato T, et al. **Dev Biol** 1985 Jul;110(1):53-64

An assay for transient gene expression in transfected Drosophila cells, using [3H]guanine incorporation. Burke JF, et al. **EMBO J** 1984 Nov;3(11):2549-54

Use of peptide tagging to detect proteins expressed from cloned genes: deletion mapping functional domains of Drosophila hsp 70. Munro S, et al. **EMBO J** 1984 Dec 20;3(13):3087-93

Close structural resemblance between putative polymerase of a Drosophila transposable genetic element 17.6 and pol gene product of Moloney murine leukaemia virus. Toh H, et al. **EMBO J** 1985 May;4(5):1267-72

Supernumerary chromosomes in Drosophila nasuta albomicana. Ramachandra NB, et al. **Experientia** 1985 May 15;41(5):680-1

Coupled instability of two X-linked genes in Drosophila mauritiana: germinal and somatic mutability. Jacobson JW, et al. **Genetics** 1985 Sep;111(1):57-65

Sequence evolution of Drosophila mitochondrial DNA. Wolstenholme DR, et al. **Genetics** 1985 Apr;109(4):725-44

Enzymatic and quantitative variation in European and African populations of Drosophila simulans. Hyytia P, et al. **Heredity (Edinburgh)** 1985 Apr;54 (Pt 2):209-17

Molecular basis of an inherited retinal defect in Drosophila. Wong F, et al. **Invest Ophthalmol Vis Sci** 1985 Feb; 26(2):243-6

Identification of sequences involved in the transcriptional control of a Drosophila heat-shock gene. Corces V, et al. **J Biol Chem** 1984 Dec 10;259(23):14812-7

Processing of precursor tRNAs in Drosophila. Processing of the 3' end involves an endonucleolytic cleavage and occurs after 5' end maturation. Frendewey D, et al. **J Biol Chem** 1985 Jan 10;260(1):449-54

Analysis of transcriptional regulation of the s38 chorion gene of Drosophila by P element-mediated transformation. Kalfayan L, et al. **J Embryol Exp Morphol** 1984 Nov;83 Suppl:137-46

Heat shock—a comparison of Drosophila and yeast. Lindquist S. **J Embryol Exp Morphol** 1984 Nov;83 Suppl:147-61

Chromosomal and behavioral studies of Mexican Drosophila. III. Inversion polymorphism of D. pseudoobscura. Olvera O, et al. **J Hered** 1985 Jul-Aug;76(4):258-62

Isolation and initial characterization of the alcohol dehydrogenase gene from Drosophila affinidisjuncta. Brennan MD, et al. **J Mol Appl Genet** 1984;2(5):436-46

Molecular evolution in Drosophila and the higher Diptera II. A time scale for fly evolution. Beverley SM, et al. **J Mol Evol** 1984;21(1):1-13

Molecular analysis of P element behavior in Drosophila simulans transformants. Daniels SB, et al. **MGG** 1985; 200(2):258-65

Molecular evidence for partial inactivation of Y loops in T(X:Y)56 males from D. hydei. Lifshytz E, et al. **MGG** 1985;199(1):46-52

The unusual structure of heat shock locus 2-48B in Drosophila hydei. Peters FP, et al. **MGG** 1984;197(3):392-8

A preliminary analysis of the genotoxicity of a few spices in Drosophila. Abraham SK, et al. **Mutat Res** 1985 Aug; 143(4):219-23

Spatial and temporal patterns of Krüppel gene expression in early Drosophila embryos. Knipple DC, et al. **Nature** 1985 Sep 5-11;317(6032):40-4

A Drosophila genomic sequence with homology to human epidermal growth factor receptor. Wadsworth SC, et al. **Nature** 1985 Mar 14-20;314(6007):178-80

The ribosomal RNA genes of Drosophila mitochondrial DNA. Clary DO, et al. **Nucleic Acids Res** 1985 Jun 11; 13(11):4029-45

Intron splicing: a conserved internal signal in introns of Drosophila pre-mRNAs. Keller EB, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4971-81

Transcription of a Drosophila tRNAArg gene in yeast extract: 5'-flanking sequence dependence for transcription in a heterologous system. Schaack J, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2803-14

Expression of a Drosophila heat shock protein in mammalian cells: transient association with nucleoli after heat shock. Pelham H, et al. **Philos Trans R Soc Lond [Biol]** 1984 Dec 4;307(1132):301-7

Ancient origin for Hawaiian Drosophilinae inferred from protein comparisons. Beverley SM, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4753-7

Inheritance of a secondary sexual character in Drosophila silvestris. Carson HL, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6904-7

Sequences homologous to P elements occur in Drosophila paulistorum. Daniels SB, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6794-7

Chromosomal mapping of a middle-repetitive DNA sequence in a cluster of five species of Hawaiian Drosophila. Hunt JA, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7146-50

Interspecific DNA transformation in Drosophila. Scavarda NJ, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7515-9

A human acetylcholinesterase gene identified by homology to the Ace region of Drosophila. Soreq H, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1827-31

Spatially regulated expression of homeotic genes in Drosophila. Harding K, et al. **Science** 1985 Sep 20; 229(4719):1236-42 (44 ref.)

Effects of genomic position on the expression of transduced copies of the white gene of Drosophila. Levis R, et al. **Science** 1985 Aug 9;229(4713):558-61

GROWTH & DEVELOPMENT

The sequential compartmentalization of Drosophila segments revisited. Brower DL. **Cell** 1985 Jun;41(2):361-4 (34 ref.)

Segmental determination in Drosophila central nervous system. Ghysen A, et al. **Cell** 1985 Apr;40(4):943-8

Do larval epidermal cells possess the blueprint for adult pattern in Drosophila? Madhavan MM, et al. **J Embryol Exp Morphol** 1984 Aug;82:1-8

Growth rate and life span in Drosophila. III. Effect of body size and developmental temperature on the biphasic relationship between growth rate and life span. Economos AC, et al. **Mech Ageing Dev** 1984 Oct 15;27(2):153-60

Growth rate and life span in Drosophila. II. A biphasic relationship between growth rate and life span. Economos AC, et al. **Mech Ageing Dev** 1984 Oct 15;27(2):143-51

Related cell-surface antigens expressed with positional specificity in Drosophila imaginal discs. Brower DL, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7485-9

METABOLISM

Natural variation in the expression of cytochrome P-450 and dimethylnitrosamine demethylase in Drosophila. Waters LC, et al. **Biochem Biophys Res Commun** 1984 Sep 28; 123(3):907-13

Metabolic response to ethanol and isopropanol in D. funebris and D. immigrans. Gonzàlez-Duarte R, et al. **Comp Biochem Physiol** [C] 1985;80(1):189-93

Changes in nucleic acid content in aging Drosophila bipectinata. Wadhwa R, et al. **Exp Gerontol** 1984; 19(3):199-203

A-T specific DNA ligands and hypotonic induced supercondensation of chromocentre in brain cells of Drosophila nasuta larvae in relation to their synthetic activities. Roy JK, et al. **Indian J Exp Biol** 1984 Jun; 22(6):287-91

The pupal cuticle of Drosophila: biphasic synthesis of pupal cuticle proteins in vivo and in vitro in response to 20-hydroxyecdysone. Doctor J, et al. **J Cell Biol** 1985 Jul; 101(1):189-200

Freeze-substitution of Drosophila heads for subsequent [3H]2-deoxyglucose autoradiography. Rodrigues V, et al. **J Neurosci Methods** 1985 May;13(3-4):183-90

The nucleotide sequences of copia and copia-related RNA in Drosophila virus-like particles. Emori Y, et al. **Nature** 1985 Jun 27-Jul 3;315(6022):773-6

MICROBIOLOGY

The late functions of Drosophila sigma virus. Contamine D. **Arch Virol** 1984;82(1-2):31-47

Induction by streptococcal L-forms of two reproductive isolating mechanisms in Drosophila paulistorum. Somerson NL, et al. **Isr J Med Sci** 1984 Oct;20(10):1009-12

PHYSIOLOGY

Y chromosome function and spermatogenesis in Drosophila hydei. Hennig W. **Adv Genet** 1985;23:179-234 (120 ref.)

A note on barometric pressure and behavior in Drosophila pseudoobscura. Ankney PF. **Behav Genet** 1984 May; 14(3):315-7

A few chemical words exchanged by Drosophila during courtship and mating. Jallon JM. **Behav Genet** 1984 Sep; 14(5):441-78 (110 ref.)

Genetic elements of courtship in Drosophila: mosaics and learning mutants. Siegel RW, et al. **Behav Genet** 1984 Sep; 14(5):383-410 (61 ref.)

Genetic analysis of sex appeal in Drosophila. Tompkins L. **Behav Genet** 1984 Sep;14(5):411-40 (97 ref.)

Drosophila learning: behavior and biochemistry. Tully T. **Behav Genet** 1984 Sep;14(5):527-57 (101 ref.)

Effect of mating status on Drosophila virilis lifespan. Aigaki T, et al. **Exp Gerontol** 1984;19(4):267-78

Behavioral facilitation of reproduction in sexual and parthenogenetic Drosophila. Crews D, et al. **Science** 1985 Jan 4;227(4682):77-8

RADIATION EFFECTS

Risk estimate for genetic effects. Abrahamson S. **Basic Life Sci** 1985;33:223-50

ULTRASTRUCTURE

Dilated cisternae of nuclear envelope and rough endoplasmic reticulum in the proventriculus of Drosophila auraria larvae. Dimitriadis VK. **Cell Biol Int Rep** 1985 Aug; 9(8):747-52

F-actin rings are associated with the ring canals of the Drosophila egg chamber. Warn RM, et al. **Exp Cell Res** 1985 Apr;157(2):355-63

DROSOPHILA MELANOGASTER

The ovicidal activity of cis-dehydromatricaria ester: time-dependance of its enhancement by UV light. Kagan J, et al. **Experientia** 1984 Dec 15;40(12):1396-7

Conditioned suppression of proboscis extension in Drosophila melanogaster. DeJianne D, et al. **J Comp Psychol** 1985 Mar; 99(1):74-80

ANALYSIS

Measurements of the cytosolic Ah receptor among four strains of Drosophila melanogaster. Bigelow SW, et al. **Arch Toxicol** 1985 Feb;56(4):219-25

Analysis of cytoplasmic 19 S ring-type particles in Drosophila which contain hsp 23 at normal growth temperature. Schuldt C, et al. **Dev Biol** 1985 Jul; 110(1):65-74

Determination of DNA content in the nurse and follicle cells from wild type and mutant Drosophila melanogaster by DNA-Feulgen cytophotometry. Mulligan PK, et al. **Histochemistry** 1985;82(3):233-47

ANATOMY & HISTOLOGY

The morphology, physiology, and neural projections of supernumerary compound eyes in Drosophila melanogaster. Marcey DJ, et al. **Dev Biol** 1985 Jan; 107(1):180-97

The expression of neurogenic loci in imaginal epidermal cells of Drosophila melanogaster. Dietrich U, et al. **J Neurogenet** 1984 Dec;1(4):315-32

CYTOLOGY

Drosophila cells and ecdysterone: a model system for gene regulation. Berger EM, et al. **In Vitro** 1984 Dec; 20(12):959-74 (81 ref.)

Is there a limit on in situ, genomic replication in Drosophila? Butterworth FM, et al. **J Exp Zool** 1985 May;234(2):325-8

Preferential binding of imaginal disk cells to embryonic segments of Drosophila. Gauger A, et al. **Nature** 1985 Jan 31-Feb 6;313(6001):395-7

Establishment and characterization of continuous cell lines derived from temperature-sensitive mutants of Drosophila melanogaster. Simcox AA, et al. **Somatic Cell Mol Genet** 1985 Jan;11(1):63-70

DRUG EFFECTS

Inhaled anaesthetics have no effect on fertility in Drosophila melanogaster. Kundomal YR, et al. **Br J Anaesth** 1985 Sep; 57(9):900-3

Chemical mutagenesis testing in Drosophila. II. Results of 20 coded compounds tested for the National Toxicology Program. Zimmering S, et al. **Environ Mutagen** 1985; 7(1):87-100

Studies on the toxicity of some carbamate fungicides in Drosophila melanogaster Meig. (Insecta, Diptera) Marchal-Ségault D, et al. **Environ Res** 1985 Jun;37(1):26-32

Effects of aflatoxin B1 and caffeine on viability in natural strains of Drosophila melanogaster. Chinnici JP, et al. **J Invertebr Pathol** 1984 Nov;44(3):263-6

Mutagenic effects of some water-soluble metal compounds in a somatic eye-color test system in Drosophila melanogaster. Rasmuson A. **Mutat Res** 1985 Aug-Sep 157(2-3):157-62

Effects of DNA-repair-deficient mutants on somatic and

germ line mutagenesis in the UZ system in Drosophila melanogaster. Rasmuson A. **Mutat Res** 1984 Sep; 141(1):29-33
Analysis of hexamethylphosphoramide (HMPA)-induced genetic alterations in relation to DNA damage and DNA repair in Drosophila melanogaster. Vogel EW, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):241-60
Differential mutagenic activity of IQ (2-amino-3-methylimidazo[4,5-f]quinoline) in Salmonella typhimurium strains in vitro and in vivo, in Drosophila, and in mice. Wild D, et al. **Mutat Res** 1985 Apr-May; 156(1-2):93-102
Mutagenic potential of 4 organophosphinate compounds. Powers NR, et al. **Toxicol Lett** 1984 Oct;23(1):33-6
[Use of Drosophila in the detection of potentially carcinogenic agents] Marcos R, et al. **Rev Esp Oncol** 1982; 29(3):557-61 (Eng. Abstr.) **(Spa)**

EMBRYOLOGY

Methodology for the study of the effect of drugs on development and DNA replication in Drosophila melanogaster embryonic tissue. Inman RB. **Biochim Biophys Acta** 1984 Dec 14;783(3):205-15
An analysis of dopa decarboxylase expression during embryogenesis in Drosophila melanogaster. Gietz RD, et al. **Dev Biol** 1985 Jan;107(1):142-55
Cell proliferation changes during pattern regulation in imaginal leg discs of Drosophila melanogaster. Kiehle CP, et al. **Dev Biol** 1985 Jun;109(2):336-46
Fate of DNA injected into early Drosophila embryos. Steller H, et al. **Dev Biol** 1985 May;109(1):54-62
mRNA usage during Drosophila melanogaster embryonic development. Analysis of nine cloned DNA segments. Brogan KL, et al. **Exp Cell Res** 1985 May;158(1):95-103
Reversible chromosome condensation induced in Drosophila embryos by anoxia: visualization of interphase nuclear organization. Foe VE, et al. **J Cell Biol** 1985 May; 100(5):1623-36
Development profile of the heat shock response in early embryos of Drosophila. Bergh S, et al. **J Exp Zool** 1984 Sep;231(3):379-91
Some determinants of cellular adhesiveness in an embryonic cell line from Drosophila melanogaster. Fausto-Sterling A, et al. **J Exp Zool** 1985 Apr;234(1):47-55
Information for the dorsal--ventral pattern of the Drosophila embryo is stored as maternal mRNA. Anderson KV, et al. **Nature** 1984 Sep 20-26;311(5983):223-7
Parasegments and compartments in the Drosophila embryo. Martinez-Arias A, et al. **Nature** 1985 Feb 21-27; 313(6004):639-42
How to make a fruitfly [news] North G. **Nature** 1984 Sep 20-26;311(5983):214-6
A zone of non-proliferating cells at a lineage restriction boundary in Drosophila. O'Brochta DA, et al. **Nature** 1985 Jan 10-18;313(5998):138-41
Production of phenocopies by Krüppel antisense RNA injection into Drosophila embryos. Rosenberg UB, et al. **Nature** 1985 Feb 21-27;313(6004):703-6
Isolation of the dorsal locus of Drosophila. Steward R, et al. **Nature** 1984 Sep 20-26;311(5983):262-5
Specific protein modifications are altered in a temperature-sensitive Drosophila developmental mutant. Cheney CM, et al. **Proc Natl Acad Sci USA** 1984 Oct; 81(20):6422-6
Biphasic pattern of histone gene expression during Drosophila oogenesis. Ruddell A, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3316-9

ENZYMOLOGY

Complete amino acid sequence of copper-zinc superoxide dismutase from Drosophila melanogaster. Lee YM, et al. **Arch Biochem Biophys** 1985 Sep;241(2):577-89
Acetaldehyde utilization and toxicity in Drosophila adults lacking alcohol dehydrogenase or aldehyde oxidase. David JR, et al. **Biochem Genet** 1984 Dec;22(11-12):1015-29
Naturally occurring quantitative variants of acid phosphatase-1 in Drosophila melanogaster. Johns MA, et al. **Biochem Genet** 1985 Jun;23(5-6):465-82
The alcohol dehydrogenase alleloenzymes AdhS and AdhF from the fruitfly Drosophila melanogaster: an enzymatic rate assay to determine the active-site concentration. Winberg JO, et al. **Biochem Genet** 1985 Apr;23(3-4):205-16
Cytosolic glutathione S-transferases in Drosophila melanogaster. Jansen M, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3655-9
Further characterization of L-beta-hydroxyacid dehydrogenase from Drosophila. Menotti-Raymond M, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):15-21
Novel partitioning of DNA cleavage sites for Drosophila topoisomerase II. Udvardy A, et al. **Cell** 1985 Apr; 40(4):933-41
Purification and characterization of the naturally occurring allelic variants of sn-glycerol-3-phosphate dehydrogenase in Drosophila melanogaster. Bewley GC, et al. **Comp Biochem Physiol [B]** 1984;79(1):23-32
Characterization of acetylcholinesterase activity from Drosophila melanogaster. Melanson SW, et al. **Comp Biochem Physiol [C]** 1985;81(1):87-96
Drosophila melanogaster aldehyde dehydrogenase. Liétaert MC, et al. **Experientia** 1985 Jan 15;41(1):57-8
DNA dependent RNA polymerase from Drosophila melanogaster embryonic cells from a cell line. Chatterjee RN. **Indian J Exp Biol** 1985 Jan;23(1):1-7
Comparison of tryptic peptide profiles of alcohol dehydrogenase from Drosophila melanogaster at different ages: a rapid procedure using high performance liquid chromatography. Subrahmanyam G, et al. **J Biochem Biophys Methods** 1984 Dec;10(3-4):153-62
Drosophila cAMP-dependent protein kinase. Foster JL, et al. **J Biol Chem** 1984 Nov 10;259(21):13049-55
Purification and characterization of a DNA polymerase beta from Drosophila*. Sakaguchi K, et al. **J Biol Chem** 1985 Sep 5;260(19):10406-11
Glyceraldehyde-3-phosphate dehydrogenase from Drosophila melanogaster. Identification of two isozymic forms encoded by separate genes. Sullivan DT, et al. **J Biol Chem** 1985 Apr 10;260(7):4345-50
Structure of two unlinked Drosophila melanogaster glyceraldehyde-3-phosphate dehydrogenase genes. Tso JY, et al. **J Biol Chem** 1985 Jul 5;260(13):8220-8
Purification and properties of the enzymes from Drosophila melanogaster that catalyze the conversion of dihydroneopterin triphosphate to the pyrimidodiazepine precursor of the drosopterins. Wiederrecht GJ, et al. **J Biol Chem** 1984 Nov 25;259(22):14121-7
Multiple defects in the activity of adenylate cyclase from the Drosophila memory mutant rutabaga. Dudai Y, et al. **J Neurochem** 1985 Aug;45(2):355-64
Dual function of the alcohol dehydrogenase of Drosophila melanogaster: ethanol and acetaldehyde oxidation by two allozymes ADH-71k and ADH-F. Eisses KT, et al. **MGG** 1985;199(1):76-81
Dihydrofolate reductase activity and resistance to aminopterin in various species of Drosophila. Silber J, et al. **MGG** 1985;200(1):92-5
A protein kinase activity tightly associated with Drosophila type II DNA topoisomerase. Sander M, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6938-42
Expression of Drosophila hsp 70-CAT hybrid gene in Aedes cells induced by heat shock. Berger EM, et al. **Somatic Cell Mol Genet** 1985 Jul;11(4):371-7
[A method of isolation of partially purified alkaline peptide hydrolase from Drosophila melanogaster larvae] Andrievskiĭ AM. **Ukr Biokhim Zh** 1985 Jul-Aug;57(4):54-9 (Eng. Abstr.) **(Rus)**

GENETICS

Validating time-sampled observations of courtship in Drosophila melanogaster for behavior genetic analysis. Collins MF, et al. **Behav Genet** 1985 Jan;15(1):31-41
Dispersal behavior of photonegative selection lines of Drosophila melanogaster. Krause J, et al. **Behav Genet** 1984 May;14(3):269-77
Olfactory responses to alcohols by adults of sympatric populations of Drosophila melanogaster and Drosophila simulans. Soliman MH, et al. **Behav Genet** 1984 May; 14(3):295-313
Structural homology between Drosophila melanogaster and Escherichia coli acidic ribosomal proteins. Chooi WY, et al. **Biochem Genet** 1984 Aug;22(7-8):749-67
Enzyme polymorphism in Drosophila melanogaster populations in Iraq. Lamooza SB, et al. **Biochem Genet** 1985 Apr;23(3-4):321-8
Electrophoretic and heat-stability polymorphism at the phosphoglucomutase (Pgm) locus in natural populations of Drosophila melanogaster. Loverre-Chyurlia A, et al. **Biochem Genet** 1985 Feb;23(1-2):29-36
Quantitative analysis of the amount of larval serum protein-1 (LSP-1) synthesized by flies with different doses of the LSP-1 coding sequences. Roberts DB, et al. **Biochem Genet** 1984 Oct;22(9-10):783-95
Yolk polypeptide gene expression in Minute Drosophila females. Walker VK. **Biochem Genet** 1985 Jun; 23(5-6):363-78
Expression of a Drosophila heat-shock gene in cells of the yeast Saccharomyces cerevisiae. Nicholson RC, et al. **Biosci Rep** 1984 Nov;4(11):963-72
The nucleotide sequence of tRNAVal3a and tRNAVal3b from Drosophila melanogaster. Addison WR, et al. **Can J Biochem Cell Biol** 1985 Mar;63(3):176-82
Detection of cytogenetic regions influencing RNA polymerase activity in Drosophila melanogaster by segmental aneuploid mapping. Willms J, et al. **Can J Genet Cytol** 1984 Dec;26(6):682-91
Structure of the eukaryotic transcription apparatus: features of the gene for the largest subunit of Drosophila RNA polymerase II. Biggs J, et al. **Cell** 1985 Sep;42(2):611-21
Remote regulatory sequences of the Drosophila glue gene sgs3 as revealed by P-element transformation. Bourouis M, et al. **Cell** 1985 Feb;40(2):349-57
Molecular genetics of the achaete-scute gene complex of D. melanogaster. Campuzano S, et al. **Cell** 1985 Feb; 40(2):327-38
A trans-acting regulatory product necessary for expression of the Drosophila melanogaster 68C glue gene cluster. Crowley TE, et al. **Cell** 1984 Nov;39(1):149-56
Isolation of the proto-oncogene c-myb from D. melanogaster. Katzen AL, et al. **Cell** 1985 Jun;41(2):449-56
The engrailed locus of Drosophila: in situ localization of transcripts reveals compartment-specific expression. Kornberg T, et al. **Cell** 1985 Jan;40(1):45-53
Molecular cloning of engrailed: a gene involved in the development of pattern in Drosophila melanogaster. Kuner JM, et al. **Cell** 1985 Aug;42(1):309-16
The Drosophila EGF receptor gene homolog: conservation of both hormone binding and kinase domains. Livneh E, et al. **Cell** 1985 Mar;40(3):599-607
The engrailed locus of Drosophila: structural analysis of an embryonic transcript. Poole SJ, et al. **Cell** 1985 Jan; 40(1):37-43
Molecular analysis of the period locus in Drosophila melanogaster and identification of a transcript involved in biological rhythms. Reddy P, et al. **Cell** 1984 Oct; 38(3):701-10
A cell division mutant of Drosophila with a functionally abnormal spindle. Ripoll P, et al. **Cell** 1985 Jul;41(3):907-12
opa: a novel family of transcribed repeats shared by the Notch locus and other developmentally regulated loci in D. melanogaster. Wharton KA, et al. **Cell** 1985 Jan; 40(1):55-62
Protein products of the bithorax complex in Drosophila. White RA, et al. **Cell** 1984 Nov;39(1):163-71
P-element transformation with period locus DNA restores rhythmicity to mutant, arrhythmic Drosophila melanogaster. Zehring WA, et al. **Cell** 1984 Dec;39(2 Pt 1):369-76
Isolation and structure of a rhodopsin gene from D. melanogaster. Zuker CS, et al. **Cell** 1985 Apr;40(4):851-8
Bivalent behavior in Drosophila melanogaster males containing the In(1)sc4Lsc8RX chromosome. Ault JG, et al. **Chromosoma** 1984;90(3):222-8
X chromosomal organisation and dosage compensation. In situ transcription of chromatin template activity of X chromosome hyperploids of Drosophila melanogaster. Chatterjee RN. **Chromosoma** 1985;91(3-4):259-66
Control of DNA replication and spatial distribution of defined DNA sequences in salivary gland cells of Drosophila melanogaster. Hammond MP, et al. **Chromosoma** 1985;91(3-4):279-86
Chromosome structure and DNA replication in nurse and follicle cells of Drosophila melanogaster. Hammond MP, et al. **Chromosoma** 1985;91(3-4):267-78
Immunofluorescence localization of DNA:RNA hybrids in Drosophila melanogaster polytene chromosomes. Vlassova IE, et al. **Chromosoma** 1985;91(3-4):251-8
Localization of nuclear proteins related to high mobility group protein 14 (HMG 14) in polytene chromosomes. Westermann R, et al. **Chromosoma** 1984;90(5):355-65
Coding and potential regulatory sequences of a cluster of chorion genes in Drosophila melanogaster. Wong YC, et al. **Chromosoma** 1985;92(2):124-35
Two discrete modes of histone gene expression during oogenesis in Drosophila melanogaster. Ambrosio L, et al. **Dev Biol** 1985 Sep;111(1):220-31
The molecular genetics of the Notch locus in Drosophila melanogaster. Grimwade BG, et al. **Dev Biol** 1985 Feb; 107(2):503-19
Ecdysterone selectively stimulates the expression of a 23000-Da heat-shock protein-beta-galactosidase hybrid gene in cultured Drosophila cells. Lawson R, et al. **Dev Biol** 1985 Aug;110(2):321-30
Developmental changes in expression of the Drosophila melanogaster epidermal growth factor receptor gene. Lev Z, et al. **Dev Biol** 1985 Aug;110(2):499-502
Specificity of gene action during central nervous system development in Drosophila melanogaster: analysis of the lethal (1) optic ganglion reduced locus. Lipshitz HD, et al. **Dev Biol** 1985 Mar;108(1):56-77
A pupal lethal mutation with a paternally influenced maternal effect on embryonic development in Drosophila melanogaster. Perrimon N, et al. **Dev Biol** 1985 Aug; 110(2):480-91
Blastoderm-differential and blastoderm-specific genes of Drosophila melanogaster. Roark M, et al. **Dev Biol** 1985 Jun;109(2):476-88
Gap junction distribution in the Drosophila wing disc mutants vg, l(2)gd, l(3)c43hs1, and l(2)gl4. Ryerse JS, et al. **Dev Biol** 1984 Oct;105(2):396-403
Genetic analysis of transdetermination in Drosophila. II. Transdetermination to wing of leg discs from a mutant which lacks wing discs. Wurst G, et al. **Dev Biol** 1984 Nov; 106(1):147-55
The detection of Jonah gene transcripts in Drosophila by in situ hybridization. Akam ME, et al. **EMBO J** 1985 Jan; 4(1):155-61
Characterization and developmental expression of beta tubulin genes in Drosophila melanogaster. Bialojan S, et al. **EMBO J** 1984 Nov;3(11):2543-8
On the role of the engrailed+ gene in the internal organs of Drosophila. Lawrence PA, et al. **EMBO J** 1984 Dec 1;3(12):2839-44
Molecular cloning of lethal(2)giant larvae, a recessive oncogene of Drosophila melanogaster. Mechler BM, et al. **EMBO J** 1985 Jun;4(6):1551-7
Isolation and chromosomal location of putative vitelline membrane genes in Drosophila melanogaster. Mindrinos MN, et al. **EMBO J** 1985 Jan;4(1):147-53
Cloning of heat-shock locus 93D from Drosophila melanogaster. Walldorf U, et al. **EMBO J** 1984 Nov; 3(11):2499-504
Steady-state kinetic analysis of transcription of cloned tRNASer genes from Drosophila melanogaster. Louis DS, et al. **Eur J Biochem** 1985 Apr 15;148(2):305-13
Actin III and myofilaments in different muscles of wildtype and the mutant raised of Drosophila melanogaster. Lang

AB, et al. **Eur J Cell Biol** 1985 Jan;36(1):8-16

Superoxide dismutase in Drosophila melanogaster. Mutation site difference between two electromorphs. Lee YM, et al. **FEBS Lett** 1985 Jan 1;179(1):115-9

Changes in nuclear proteins induced by heat shock in Drosophila culture cells. Rabilloud T, et al. **FEBS Lett** 1985 May 20;184(2):278-84

Isolation and characterization of the glucose-6-phosphate dehydrogenase gene of Drosophila melanogaster. Ganguly R, et al. **Gene** 1985;35(1-2):91-101

Drosophila melanogaster tRNAVal3b genes and their allogenes. Leung J, et al. **Gene** 1985;34(2-3):207-17

Isolation of a mouse DNA fragment with homology to a Drosophila ribosomal protein gene. Mulligan PK, et al. **Gene** 1985;34(2-3):155-61

Expression and amplification of the genes for ribosomal RNA in bobbed mutants of Drosophila melanogaster. Dutton FL, et al. **Genet Res** 1985 Apr;45(2):155-65

Segregation of centric Y-autosome translocations in Drosophila melanogaster. II. Segregation determinants in females. Falk R, et al. **Genet Res** 1985 Feb;45(1):81-93

Segregation of centric Y-autosome translocations in Drosophila melanogaster. I. Segregation determinants in males. Falk R, et al. **Genet Res** 1985 Feb;45(1):51-79

Suppression of ribosomal RNA genes in Drosophila melanogaster. Kalumuck KE, et al. **Genet Res** 1984 Dec;44(3):351-7

Hybrid dysgenesis in Drosophila melanogaster: partial sterility associated with embryo lethality in the P-M system. Kidwell MG. **Genet Res** 1984 Aug;44(1):11-28

Hybrid dysgenesis in Drosophila melanogaster: the evolution of mixed P and M populations maintained at high temperature. Kiyasu PK, et al. **Genet Res** 1984 Dec;44(3):251-9

On the development of ectopic eyes in Drosophila melanogaster produced by the mutation extra eye (ee). Baker WK, et al. **Genetics** 1985 Sep;111(1):67-88

Natural selection with nuclear and cytoplasmic transmission. II. Tests with Drosophila from diverse populations. Clark AG. **Genetics** 1985 Sep;111(1):97-112

Tissue-specific and pretranslational character of variants of the rosy locus control element in Drosophila melanogaster. Clark SH, et al. **Genetics** 1984 Dec;108(4):953-68

Components of selection in X chromosome lines of Drosophila melanogaster: sex ratio modification by meiotic drive and viability selection. Curtsinger JW. **Genetics** 1984 Dec;108(4):941-52

Dysgenesis-induced instability of rosy locus transformation in Drosophila melanogaster: analysis of excision events and the selective recovery of control element deletions. Daniels SB, et al. **Genetics** 1985 Jan;109(1):95-117

Genetic and physical studies of a portion of the white locus participating in transcriptional regulation and in synapsis-dependent interactions in Drosophila adult tissues. Davison D, et al. **Genetics** 1985 Jul;110(3):479-94

Targeted selection experiments and enzyme polymorphism: negative evidence for octanoate selection at the G6PD locus in Drosophila melanogaster. Eanes WF, et al. **Genetics** 1985 Feb;109(2):379-91

Ring chromosomes and rDNA magnification in Drosophila. Endow SA, et al. **Genetics** 1984 Dec;108(4):969-83

Genetic studies of membrane excitability in Drosophila: lethal interaction between two temperature-sensitive paralytic mutations. Ganetzky B. **Genetics** 1984 Dec;108(4):897-911

Molecular cloning of alpha-amylase genes from Drosophila melanogaster. I. Clone isolation by use of a mouse probe. Gemmill RM, et al. **Genetics** 1985 Jun;110(2):299-312

A two-stage model for the control of rDNA magnification. Hawley RS, et al. **Genetics** 1985 Apr;109(4):691-700

Genetics of factors affecting the life history of Drosophila melanogaster. I. Female productivity. Hiraizumi Y. **Genetics** 1985 Jul;110(3):452-64

Molecular analysis of X-ray-induced alcohol dehydrogenase (ADH) null mutations in Drosophila melanogaster. Kelley MR, et al. **Genetics** 1985 Feb;109(2):365-77

Molecular cloning of alpha-amylase genes from Drosophila melanogaster. II. Clone organization and verification. Levy JN, et al. **Genetics** 1985 Jun;110(2):313-24

The effect of transformer, doublesex and intersex mutations on the sexual behavior of Drosophila melanogaster. McRobert SP, et al. **Genetics** 1985 Sep;111(1):89-96

Developmental genetics of the 2C-D region of the Drosophila X chromosome. Perrimon N, et al. **Genetics** 1985 Sep;111(1):23-41

Developmental genetics of the 2E-F region of the Drosophila X chromosome: a region rich in 'developmentally important' genes. Perrimon N, et al. **Genetics** 1984 Nov;108(3):559-72

On biological functions mapping to the heterochromatin of Drosophila melanogaster. Pimpinelli S, et al. **Genetics** 1985 Apr;109(4):701-24

Heterochromatic position effect at the rosy locus of Drosophila melanogaster: cytological, genetic and biochemical characterization. Rushlow CA, et al. **Genetics** 1984 Nov;108(3):589-602

Studies on the mechanism of heterochromatic position effect at the rosy locus of Drosophila melanogaster. Rushlow CA, et al. **Genetics** 1984 Nov;108(3):603-15

Comparison of somatic reversions between the ivory allele and transposon-caused mutant alleles at the white locus of Drosophila melanogaster after larval treatment with X rays and ethyl methanesulfonate. Ryo H, et al. **Genetics** 1985 Jul;110(3):441-51

Genetic analysis of chromomere 3D4 in Drosophila melanogaster. II. Regulatory sites for the dunce gene. Salz HK, et al. **Genetics** 1984 Oct;108(2):377-92

Normal female germ cell differentiation requires the female X chromosome to autosome ratio and expression of sex-lethal in Drosophila melanogaster. Schüpbach T. **Genetics** 1985 Mar;109(3):529-48

Shortvein, a new component of the decapentaplegic gene complex in Drosophila melanogaster. Segal D, et al. **Genetics** 1985 Jan;109(1):119-43

Investigation of the nature of P-induced male recombination in Drosophila melanogaster. Sinclair DA, et al. **Genetics** 1985 Jun;110(2):257-79

Mutations in genes encoding essential mitotic functions in Drosophila melanogaster. Smith DA, et al. **Genetics** 1985 Aug;110(4):647-70

Apparent genetic complexity generated by developmental thresholds: the apterous locus in Drosophila melanogaster. Stevens ME, et al. **Genetics** 1985 Jun;110(2):281-97

Recombination in the X-chromosome in hybrid females with and without a marked centromere from three inbred lines of Drosophila melanogaster. Lake S. **Hereditas** 1985;102(1):89-97

Selective effects of the genetic background and ethanol on the alcohol dehydrogenase polymorphism in Drosophila melanogaster. Oakeshott JG, et al. **Heredity (Edinburgh)** 1984 Aug;53 (Pt 1):51-67

Cytophotometric evidence for the transformation of oocytes into nurse cells in Drosophila melanogaster. King RC, et al. **Histochemistry** 1985;82(2):131-4

Specific induction of the 93D puff in polytene nuclei of Drosophila melanogaster by colchicine. Lakhotia SC, et al. **Indian J Exp Biol** 1984 Feb;22(2):67-70

Role of altered sexual physiology on X chromosomal replication pattern in Drosophila melanogaster. Mutsuddi D, et al. **Indian J Exp Biol** 1985 Jan;23(1):8-16

Differences in protein phosphorylation in vivo and in vitro between wild type and dunce mutant strains of Drosophila melanogaster. Dévay P, et al. **Int J Biochem** 1984;16(12):1401-8

Xanthurenic acid 8-O-beta-D-glucoside, a novel tryptophan metabolite in eye-color mutants of Drosophila melanogaster. Ferré J, et al. **J Biol Chem** 1985 Jun 25;260(12):7509-14

Partial purification of stable transcription complexes with cloned tRNA genes of Drosophila melanogaster. Greenberg GR, et al. **J Biol Chem** 1985 May 25;260(10):6248-53

Nucleotide sequence and expression of a Drosophila metallothionein. Lastowski-Perry D, et al. **J Biol Chem** 1985 Feb 10;260(3):1527-30

RNA directed synthesis of catalytically active Drosophila sn-glycerol-3-phosphate dehydrogenase in Xenopus oocytes. Wright DA, et al. **J Biol Chem** 1985 May 25;260(10):5863-6

Selection for central excitation in Drosophila melanogaster. Vargo M, et al. **J Comp Psychol** 1985 Mar;99(1):81-6

Effects of exposing Drosophila melanogaster parents to ethanol on expression of vestigial in their progeny. Giesel JT, et al. **J Exp Zool** 1985 Mar;233(3):467-71

Localization of a dosage sensitive region for pyruvate kinase in Drosophila melanogaster. Rust KJ, et al. **J Hered** 1985 Jan-Feb;76(1):39-44

Alterations in the production of hemocytes due to a neoplastic mutation of Drosophila melanogaster. Silvers M, et al. **J Invertebr Pathol** 1984 Nov;44(3):324-8

Adjacent chromosomal regions can evolve at very different rates: evolution of the Drosophila 68C glue gene cluster. Meyerowitz EM, et al. **J Mol Evol** 1984;20(3-4):251-64

Mutant alleles at the locus elav in Drosophila melanogaster lead to nervous system defects. A developmental-genetic analysis. Campos AR, et al. **J Neurogenet** 1985 Jun;2(3):197-218

Neurogenetic analysis of potassium currents in Drosophila: synergistic effects on neuromuscular transmission in double mutants. Ganetzky B, et al. **J Neurogenet** 1983 Sep;1(1):17-28

Choline acetyltransferase and acetylcholine levels in Drosophila melanogaster: a study using two temperature-sensitive mutants. Salvaterra PM, et al. **J Neurosci** 1985 Apr;5(4):903-10

Fine cytogenetical analysis of the band 10A1-2 and the adjoining regions in the Drosophila melanogaster X chromosome. III. The fate mapping of the lethal focus of the l(1)BP4 gene. Bgatov AV, et al. **MGG** 1984;196(1):110-6

Localization of chromosomal DNA sequences homologous to ribosomal gene type I insertion DNA in Drosophila melanogaster. Cantú ES, et al. **MGG** 1984;196(2):345-9

Excision of copia element in a revertant of the white-apricot mutation of Drosophila melanogaster leaves behind one long-terminal repeat. Carbonare BD, et al. **MGG** 1985;199(1):1-6

Polyhomeotic: a gene of Drosophila melanogaster required for correct expression of segmental identity. Dura JM, et al. **MGG** 1985;198(2):213-20

Position effect variegation of an acid phosphatase gene in Drosophila melanogaster. Frisardi MC, et al. **MGG** 1984;197(3):403-13

Alteration of the gene for xanthine dehydrogenase in Drosophila following treatment with wildtype DNA. Germeraad SE. **MGC** 1985;199(1):89-94

A transposon as a cytogenetic marker in Drosophila melanogaster. Ising G, et al. **MGG** 1984;196(1):6-16

Cytogenic mapping and isolation of mutations of the beta-Gal-1 locus of Drosophila melanogaster. Knipple DC, et al. **MGG** 1984;198(1):75-83

Expression of heat shock-beta-galactosidase hybrid genes in cultured Drosophila cells. Lawson R, et al. **MGG** 1984;198(1):116-24

Developmental control of transduced dopa decarboxylase genes in D. melanogaster. Marsh JL, et al. **MGG** 1985;198(3):393-403

AT-rich linkers in long range organisation of Drosophila DNA. Moreau J, et al. **MGG** 1985;199(3):357-64

Clonal analysis of two mutations in the large subunit of RNA polymerase II of Drosophila. Mortin MA, et al. **MGG** 1985;199(3):421-6

The giant (gt) mutants of Drosophila melanogaster alter DNA metabolism. Narachi MA, et al. **MGG** 1985;199(3):500-6

Hybrid dysgenesis in Drosophila melanogaster: influence of temperature on cytotype determination in the P-M system. Ronsseray S, et al. **MGG** 1984;196(1):17-23

Inhibitors of thymidylate synthesis increase whereas thymidine decreases meiotic recombination in Drosophila melanogaster. Silber J, et al. **MGG** 1985;199(1):53-4

Recessive lethal mutations within the bithorax-complex in Drosophila. Tiong S, et al. **MGG** 1985;200(2):335-42

The heat shock consensus sequence is not sufficient for hsp70 gene expression in Drosophila melanogaster. Amin J, et al. **Mol Cell Biol** 1985 Jan;5(1):197-203

Isolation and characterization of cloned DNA sequences containing ribosomal protein genes of Drosophila melanogaster. Burns DK, et al. **Mol Cell Biol** 1984 Dec;4(12):2643-52

Drosophila P element-enhanced transfection in mammalian cells. Clough DW, et al. **Mol Cell Biol** 1985 Apr;5(4):898-901

High-resolution mapping of DNase I-hypersensitive sites of Drosophila heat shock genes in Drosophila melanogaster and Saccharomyces cerevisiae. Costlow N, et al. **Mol Cell Biol** 1984 Sep;4(9):1853-63

Expression of ras cellular oncogenes during development of Drosophila melanogaster. Lev Z, et al. **Mol Cell Biol** 1985 Jun;5(6):1540-2

Family of developmentally regulated, maternally expressed Drosophila RNA species detected by a v-myc probe. Madhavan K, et al. **Mol Cell Biol** 1985 Jan;5(1):7-16

Isolation and characterization of the Beadex locus of Drosophila melanogaster: a putative cis-acting negative regulatory element for the heldup-a gene. Mattox WW, et al. **Mol Cell Biol** 1984 Jul;4(7):1343-53

Complete nucleotide sequence of the Drosophila transposable element copia: homology between copia and retroviral proteins. Mount SM, et al. **Mol Cell Biol** 1985 Jul;5(7):1630-8

Characterization and developmental expression of a Drosophila ras oncogene. Mozer B, et al. **Mol Cell Biol** 1985 Apr;5(4):885-9

Interaction between mobile DNA-element-induced lethal mutations and chemical mutagens in the hybrid dysgenic system of Drosophila melanogaster. Blount JL, et al. **Mutat Res** 1985 Mar;149(1):33-40

Distribution of MR-induced sex-linked recessive lethal mutations in Drosophila melanogaster. Eeken JC, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):261-75

Genotoxicity of 5-azacytidine in somatic cells of Drosophila. Katz AJ. **Mutat Res** 1985 Jul;143(3):195-9

Mechanisms contributing to non-recovery of translocations induced in meiotic cells. Puro J. **Mutat Res** 1985 Apr;149(2):179-87

Comparative studies of the induction of somatic eye-color mutations in an unstable strain of Drosophila melanogaster by MMS and X-rays at different developmental stages. Rasmuson A. **Mutat Res** 1985 Jan-Feb;148(1-2):65-70

Studies on mutagen-sensitive strains of Drosophila melanogaster, VIII. Further data on differences between Canton-S and ebony strains with respect to maternal effects for the X-ray induction of autosomal translocations and ring-X chromosome losses in mature spermatozoa. Sankaranarayanan K, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):225-34

Mutagen sensitivity of Drosophila melanogaster. VIII. The influence of the mei-41D5, mus(1)101D1, mus(1)102D1, mus(1)103D1, mus(2)205A1, and mus(3)310D1 loci on alkylation-induced mutagenesis. Smith PD, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):235-40

The relationship between reaction kinetics and mutagenic action of monofunctional alkylating agents in higher eukaryotic systems. IV. The effects of the excision-defective mei-9L1 and mus(2)201D1 mutants on alkylation-induced genetic damage in Drosophila. Vogel EW, et al. **Mutat Res** 1985 Apr;149(2):193-207

Drosophila proteins pave the way to gene mutations [news] Beachy P. **Nature** 1985 Sep 5-11;317(6032):18-9

Spontaneous excision of a large composite transposable element of Drosophila melanogaster. Chia W, et al. **Nature** 1985 Jul 4-10;316(6023):81-3

The genetic basis of Haldane's rule. Coyne JA. **Nature** 1985 Apr 25-May 1;314(6013):736-8

Genetic effects of injection of Rous sarcoma virus DNA into polar plasm of early Drosophila melanogaster embryos.

Gazaryan KG, et al. **Nature** 1984 Sep 27-Oct 3; 311(5984):392-4

Abdominal gene organization [news] Ingham P. **Nature** 1985 Jan 10-18;313(5998):98-9

Molecular genetics of Krüppel, a gene required for segmentation of the Drosophila embryo. Preiss A, et al. **Nature** 1985 Jan 3-9;313(5997):27-32

Identification of the coding sequence for a reverse transcriptase-like enzyme in a transposable genetic element in Drosophila melanogaster. Saigo K, et al. **Nature** 1984 Dec 13-19;312(5995):659-61

Genetic organization of Drosophila bithorax complex. Sánchez-Herrero E, et al. **Nature** 1985 Jan 10-18; 313(5998):108-13

Isolation of the dorsal locus of Drosophila. Steward R, et al. **Nature** 1984 Sep 20-26;311(5983):262-5

Detection of virus-specific sequences in Drosophila melanogaster mutants induced by injection of RSV DNA into early embryos. Tatosyan AG, et al. **Nature** 1984 Sep 27-Oct 3;311(5984):394-5

Mouse Ig kappa sequence elements in Drosophila [letter] Tsonis PA. **Nature** 1984 Nov 22-28;312(5992):314

Divergence of U2 snRNA sequences in the genome of D. melanogaster. Alonso A, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9543-50

Reverse transcription of Drosophila mobile dispersed genetic element RNAs: detection of intermediate forms. Arkhipova IR, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7533-48

A new copia-like transposable element found in a Drosophila rDNA gene unit. Bell JR, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3861-71

Distinct characteristics of loop sequences of two Drosophila foldback transposable elements. Brierley HL, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):485-500

Site specific insertion of a type I rDNA element into a unique sequence in the Drosophila melanogaster genome. Browne MJ, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):9111-22

Chromatin structure at the 44D larval cuticle gene locus in Drosophila: the effect of a transposable element insertion. Eissenberg JC, et al. **Nucleic Acids Res** 1984 Dec 11; 12(23):9025-38

Circular copies of mobile dispersed genetic elements in cultured Drosophila melanogaster cells. Ilyin YV, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7517-31

A complete and a truncated U1 snRNA gene of Drosophila melanogaster are found as inverted repeats at region 82E of the polytene chromosomes. Kejzlarová-Lepesant J, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):8835-46

Characterization of two Drosophila melanogaster cytochrome c genes and their transcripts. Limbach KJ, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):631-44

Drosophila topoisomerase II double-strand DNA cleavage: analysis of DNA sequence homology at the cleavage site. Sander M, et al. **Nucleic Acids Res** 1985 Feb 25; 13(4):1057-72

Transcriptionally active and inactive gene repeats within the D. melanogaster 5S RNA gene cluster. Sharp S, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7617-32

Nucleotide sequence of a complete ribosomal spacer of D. melanogaster. Simeone A, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1089-101

Point mutations in the 5' ICR and anticodon region of a Drosophila tRNAArg gene decrease in vitro transcription. Stewart TS, et al. **Nucleic Acids Res** 1985 Jan 25; 13(2):435-47

Copia is transcriptionally responsive to environmental stress. Strand DJ, et al. **Nucleic Acids Res** 1985 Jun 25; 13(12):4401-10

Maternal inheritance of transcripts from three Drosophila src-related genes. Wadsworth SC, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):2153-70

Developmental variations in the splicing pattern of transcripts from the Drosophila gene encoding myosin alkali light chain result in different carboxyl-terminal amino acid sequences. Falkenthal S, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):449-53

Drosophila DNA topoisomerase I is associated with transcriptionally active regions of the genome. Fleischmann G, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6958-62

Independent control elements that determine yolk protein gene expression in alternative Drosophila tissues. Garabedian MJ, et al. **Proc Natl Acad Sci USA** 1985 Mar; 82(5):1396-400

Transformation of salivary gland secretion protein gene Sgs-4 in Drosophila: stage- and tissue-specific regulation, dosage compensation, and position effect. Krumm A, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5055-9

mu-2: mutator gene in Drosophila that potentiates the induction of terminal deficiencies. Mason JM, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6090-4

Transcription of Drosophila small hsp-tk hybrid genes is induced by heat shock and by ecdysterone in transfected Drosophila cells. Morganelli CM, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5865-9

Interspecific DNA transformation in Drosophila. Scavarda NJ, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7515-9

Molecular genetics of a transposon-induced dominant mutation in the Drosophila locus Glued. Swaroop A, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1751-5

From monoclonal antibody to gene for a neuron-specific glycoprotein in Drosophila. Zipursky SL, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1855-9

Genetic dissection of cell determination, a complex system in biology. Whittle JR. **Sci Prog** 1984 Summer; 69(274):235-56

A trans-acting product needed for P factor transposition in Drosophila. Engels WR. **Science** 1984 Dec 7; 226(4679):1194-6

Integration of Drosophila heat-shock genes transfected into cultured Drosophila melanogaster cells. Burke JF, et al. **Somatic Cell Mol Genet** 1984 Nov;10(6):579-88

Rescue of a Drosophila temperature-sensitive mutant cell line by DNA transfection. Sang JH, et al. **Somatic Cell Mol Genet** 1984 Nov;10(6):573-7

Genetic activity of the carcinogen N-nitrosodiethanolamine (NDELA) on unstable mutant alleles of the white locus in Drosophila melanogaster. Fahmy MJ, et al. **Teratogenesis Carcinog Mutagen** 1984;4(5):437-47

Quantitative models of hybrid dysgenesis: rapid evolution under transposition, extrachromosomal inheritance, and fertility selection. Uyenoyama MK. **Theor Popul Biol** 1985 Apr;27(2):176-201

[Induction of unstable mutations in Drosophila melanogaster by the microinjection of oncogenic viruses and their DNA into early embryos] Gazarian KG, et al. **Genetika (Moskva)** 1984 Aug;20(8):1237-43 (Eng. Abstr.) **(Rus)**

[Combined effect of heat shock and ecdysone on the transcription of Drosophila melanogaster polytene chromosomes] Evgen'ev MB, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):483-8 (Eng. Abstr.) **(Rus)**

[Detection of intermediates of RNA reverse transcription for mobile dispersed MDG 1 and MDG 3 genes in Drosophila cells] Il'in IuV, et al. **Mol Biol (Mosk)** 1985 Jan-Feb; 19(1):162-72 (Eng. Abstr.) **(Rus)**

[Chromatin structure of ribosomal genes of Drosophila melanogaster. Random location of nucleosomes in DNA and characteristics of organization of non-transcribed spacer] Kolchinskiĭ AM, et al. **Mol Biol (Mosk)** 1984 Jul-Aug;18(4):1141-50 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Pupal and larval cuticle proteins of Drosophila melanogaster. Silvert DJ, et al. **Biochemistry** 1984 Nov 20;23(24):5767-74

Quantitative determination of tubulin and characterization of tubulin forms during development in Drosophila melanogaster. Wandosell F, et al. **Cell Differ** 1985 Feb; 16(1):63-9

Effects of purine amino groups on the development of Drosophila. Ho YK, et al. **Comp Biochem Physiol [C]** 1984; 79(2):435-9

Intrinsic growth control in the imaginal primordia of Drosophila, and the autonomous action of a lethal mutation causing overgrowth. Bryant PJ, et al. **Dev Biol** 1985 Feb; 107(2):355-63

Developmental interactions between the peripheral and central nervous system in Drosophila melanogaster: analysis of the mutant, two-faced. Lipshitz HD, et al. **Dev Biol** 1985 Jan;107(1):1-12

Synthesis of the major adult cuticle proteins of Drosophila melanogaster during hypoderm differentiation. Roter AH, et al. **Dev Biol** 1985 Feb;107(2):420-31

Transdetermination in the homeotic eye—antenna imaginal disc of Drosophila melanogaster. Schmid H. **Dev Biol** 1985 Jan;107(1):28-37

Genetic analysis of transdetermination in Drosophila. I. The effects of varying growth parameters using a temperature-sensitive mutation. Shearn A, et al. **Dev Biol** 1984 Nov;106(1):135-46

Polyadenylation state of abundant mRNAs during Drosophila development. Winkles JA, et al. **Dev Biol** 1985 Jul;110(1):259-63

Spontaneous locomotor activity and life span. A test of the rate of living theory in Drosophila melanogaster. Lints FA, et al. **Gerontology** 1984;30(6):376-87

Drosophila ribosomal RNA stability increases during slow growth conditions. Winkles JA, et al. **J Biol Chem** 1985 Jun 25;260(12):7716-20

Maturation and aging of adult fat body and oenocytes in Drosophila as revealed by light microscopic morphometry. Johnson MB, et al. **J Morphol** 1985 Apr;184(1):51-9

Fiber number in the mushroom bodies of adult Drosophila melanogaster depends on age, sex and experience. Technau GM. **J Neurogenet** 1984 Apr;1(2):113-26

Formation of neuronal pathways in the imaginal discs of Drosophila melanogaster. Jan YN, et al. **J Neurosci** 1985 Sep;5(9):2453-64

Growth rate and life span in Drosophila. I. Methods and mechanisms of variation of growth rate. Economos AC, et al. **Mech Ageing Dev** 1984 Sep;27(1):1-13

Developmental time and adult longevity in two strains of Drosophila melanogaster in a constant low-stress environment. Mayer PJ, et al. **Mech Ageing Dev** 1984 Aug; 26(2-3):283-98

Drosophila development: smell taste and rhythm [news] Ashburner M. **Nature** 1984 Nov 29-Dec 5;312(5993):402-3

Segmental distribution of bithorax complex proteins during Drosophila development. Beachy PA, et al. **Nature** 1985 Feb 14-20;313(6003):545-51

Axon guidance in cultured epithelial fragments of Drosophila wing. Blair SS, et al. **Nature** 1985 May 30-Jun 5; 315(6018):406-9

IMMUNOLOGY

Developmental analysis of Drosophila position-specific antigens. Brower DL, et al. **Dev Biol** 1985 Mar; 108(1):120-30

Encapsulation ability of Drosophila melanogaster: a genetic analysis. Carton Y, et al. **Dev Comp Immunol** 1985 Spring; 9(2):211-9

Murine antibody induced-sex-ratio changes in Drosophila melanogaster. Pechan P. **J Hered** 1985 May-Jun;76(3):220

Selective destruction of a host blood cell type by a parasitoid wasp. Rizki RM, et al. **Proc Natl Acad Sci USA** 1984 Oct; 81(19):6154-8

METABOLISM

In vitro studies on the metabolism of aflatoxin B1 and aldrin in testes of genetically different strains of Drosophila melanogaster. Foerster RE, et al. **Arch Toxicol** 1984 Nov; 56(1):12-7

Chemical footprinting of 5S RNA chromatin in embryos of Drosophila melanogaster. Cartwright IL, et al. **EMBO J** 1984 Dec 20;3(13):3101-8

Tyrosine sulfation of yolk proteins 1, 2, and 3 in Drosophila melanogaster. Baeuerle PA, et al. **J Biol Chem** 1985 May 25;260(10):6434-9

Microcompartmentation of cAMP in wild-type and memory-mutant dunce strains of Drosophila melanogaster. Friedrich P, et al. **J Cell Biochem** 1984;26(3):197-203

Affinity chromatography of Drosophila melanogaster ribosomal proteins to 5S rRNA. Stark BC, et al. **J Chromatogr** 1985 Feb 20;319(3):367-75

Iron accumulation during development and ageing of Drosophila. Massie HR, et al. **Mech Ageing Dev** 1985 Feb; 29(2):215-20

Cellular juvenile hormone binding proteins. Chang ES. **Methods Enzymol** 1985;111:494-509

Discontinuous DNA replication of Drosophila melanogaster is primed by octaribonucleotide primer. Kitani T, et al. **Mol Cell Biol** 1984 Aug;4(8):1591-6

PHYSIOLOGY

Learning in three species of Diptera: the blow fly Phormia regina, the fruit fly Drosophila melanogaster, and the house fly Musca domestica. McGuire TR. **Behav Genet** 1984 Sep; 14(5):479-526 (108 ref.)

[3H]2-deoxyglucose mapping of odor-induced neuronal activity in the antennal lobes of Drosophila melanogaster. Rodrigues V, et al. **Brain Res** 1984 Dec 24;324(2):374-8

Meiosis in Drosophila melanogaster. V. Univalent behavior in In(1)sc4Lsc8R/BsY males. Lin HP, et al. **Can J Genet Cytol** 1984 Aug;26(4):445-58

Does a relationship exist between spontaneous locomotor activity, fitness and lifespan in Drosophila melanogaster? Le Bourg E, et al. **Exp Gerontol** 1984;19(3):205-10

The isolation of biological rhythm mutations on the autosomes of Drosophila melanogaster. Jackson FR. **J Neurogenet** 1983 Sep;1(1):3-15

The role of feeding rejection in Drosophila mutation assays. Gollapudi BB, et al. **Mutat Res** 1985 Sep;144(1):13-7

Possible functions of the homoeobox [letter] **Nature** 1985 Jan 17-23;313(5999):185-6

Restoration of circadian behavioural rhythms by gene transfer in Drosophila. Bargiello TA, et al. **Nature** 1984 Dec 20-1985 Jan 2;312(5996):752-4

Action potential mutations stop a biological clock in Drosophila. Kyriacou CP, et al. **Nature** 1985 Mar 14-20; 314(6007):171-3

Circadian rhythms. Period piece for Drosophila [news] Moses K, et al. **Nature** 1985 May 9-15;315(6015):98

How embryonic nerve cells recognize one another. Goodman CS, et al. **Sci Am** 1984 Dec;251(6):58-66

RADIATION EFFECTS

Accelerated aging of the insect Drosophila melanogaster by gamma irradiations of pupae. Seugé J, et al. **Exp Gerontol** 1985;20(2):131-9

Anesthetic-resistant spontaneous mutant of drosophila melanogaster: intensified response to 60Cobalt radiation damage. Gamo S, et al. **Life Sci** 1985 Feb 25;36(8):789-94

Studies on mutagen-sensitive strains of Drosophila melanogaster. VI. The effect of DNA-repair deficiencies in spermatids, spermatocytes and spermatogonia irradiated in N2 or O2. Eeken JC, et al. **Mutat Res** 1985 May; 149(3):409-14

Studies on mutagen-sensitive strains of Drosophila melanogaster. IV. Modification of genetic damage induced by X-irradiation of spermatozoa and spermatids in N2 or O2 by mei-9a, mei-41D5 and mus(1)101D1. Ferro W, et al. **Mutat Res** 1985 May;149(3):385-98

Studies on mutagen-sensitive strains of Drosophila melanogaster. V. Biochemical characterization of a strain (ebony) that is UV- and X-ray sensitive and deficient in photorepair. Ferro W. **Mutat Res** 1985 May;149(3):399-408

Studies on mutagen-sensitive strains of Drosophila melanogaster. VII. Effects of repair deficiency in males on X-ray-induced sex-linked recessive lethals in spermatozoa. Sankaranarayanan K, et al. **Mutat Res** 1985 May;149(3):415-9

ULTRASTRUCTURE

Characterization of the prosome from Drosophila and its similarity to the cytoplasmic structures formed by the low molecular weight heat-shock proteins. Arrigo AP, et al. **EMBO J** 1985 Feb;4(2):399–406

Intermediate-sized filaments in Drosophila tissue culture cells. Walter MF, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1468–77

[Visualization of elementary structures in polytene chromosomes of Drosophila melanogaster] Barskii VE, et al. **Mol Biol (Mosk)** 1985 Jan–Feb;19(1):295–301 (Eng. Abstr.) (Rus)

DROWNING

see related

IMMERSION
RESUSCITATION

Postmortem formation of carbon monoxide in blood and body cavity fluids of rats drowned and kept immersed in fresh water. Kojima T, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):591–4

The motion of floating and submerged objects in the Chattahoochee River, Atlanta, GA. Dilen DR. **J Forensic Sci** 1984 Oct;29(4):1027–37

Accidental drownings in Auckland children. Gardiner SD, et al. **NZ Med J** 1985 Jul 24;98(783):579–82

Central nervous system hypoxia in children due to near drowning. Fitch SJ, et al. **Radiology** 1985 Sep;156(3):647–50

Central nervous system anoxic-ischemic insult in children due to near-drowning. Taylor SB, et al. **Radiology** 1985 Sep;156(3):641–6

[Drowning] Lane JC. **AMB** 1984 May–Jun;30(5–6):125–30 (43 ref.) (Eng. Abstr.) (Por)

BLOOD

Near drowning in the dead sea. Electrolyte imbalances and therapeutic implications. Yagil Y, et al. **Arch Intern Med** 1985 Jan;145(1):50–3

Serum strontium estimation as a diagnostic criterion of the type of drowning water. Abdallah AM, et al. **Forensic Sci Int** 1985 May;28(1):47–52

Lipid peroxidation and alpha-tocopherol during an acute respiratory failure after near drowning. Bertrand Y, et al. **Intensive Care Med** 1985;11(2):65–7

Low plasma fibronectin after drowning. Hansen LK, et al. **Intensive Care Med** 1985;11(2):100–2

Serum electrolyte changes in near-drowning victims [editorial] Modell JH. **JAMA** 1985 Jan 25;253(4):557

ETIOLOGY

Alcohol and drowning [letter] Johnstone JR. **Med J Aust** 1985 Feb 4;142(3):234–5

Aqua-eroticum—a case of auto-erotic drowning. Sivaloganathan S. **Med Sci Law** 1984 Oct;24(4):300–2

Hot tub drownings. Tron VA, et al. **Pediatrics** 1985 Apr;75(4):789–90

[Drowning, swimming pool death and other emergencies related to swimming] Bernett P, et al. **Fortschr Med** 1984 Aug 16;102(29–30):752–4 (Eng. Abstr.) (Ger)

METABOLISM

On the production of hydroxy fatty acids and fatty acid oligomers in the course of adipocere formation. Tomita K. **Nippon Hoigaku Zasshi** 1984 Jun;38(3):257–72

MORTALITY

Drownings—Georgia, 1981–1983. **MMWR** 1985 May 24;34(20):281–3

OCCURRENCE

Bathtub-related drownings in the United States, 1979–81. Budnick LD, et al. **Am J Public Health** 1985 Jun;75(6):630–3

Leads from the MMWR. Drownings—Georgia, 1981–1983. **JAMA** 1985 Jun 14;253(22):3226, 3231

Risks of drowning in fenced and unfenced domestic swimming pools. Fergusson DM, et al. **NZ Med J** 1984 Nov 14;97(767):777–9

Submersion injury. Epidemiology, prevention, and management. Spyker DA. **Pediatr Clin North Am** 1985 Feb;32(1):113–25

Drownings of children and youth in a desert state. Davis S, et al. **West J Med** 1985 Aug;143(2):196–201

[Water traffic, drowning and alcohol] Pikkarainen J, et al. **Duodecim** 1984;100(19):1277–84 (Fin)

PATHOLOGY

Muddy lung. Noguchi M, et al. **Am J Clin Pathol** 1985 Feb;83(2):240–4

Pathology of the heart in drowning. Karch SB. **Arch Pathol Lab Med** 1985 Feb;109(2):176–8

Scanning electron microscope study of the lung in drowning. Torre C, et al. **J Forensic Sci** 1985 Apr;30(2):456–61

[A spectacular sailing accident. A contribution to the problem of combined/concurrent causes of death in high-voltage injuries] Ranner G, et al. **Arch Kriminol** 1984 May–Jun;173(5–6):142–50 (Eng. Abstr.) (Ger)

[Proof of death by drowning by smoker cells washed into the left heart blood] Reiter C. **Z Rechtsmed** 1984;93(2):79–88 (Eng. Abstr.) (Ger)

PHYSIOPATHOLOGY

Intracranial pressure and cerebral perfusion pressure in near-drowning. Sarnaik AP, et al. **Crit Care Med** 1985 Apr;13(4):224–7

Near-drowning: cold water on a hot topic? Rogers MC. **J Pediatr** 1985 Apr;106(4):603–4

Pathophysiology of drowning. Pearn J. **Med J Aust** 1985 May 27;142(11):586–8

RADIOGRAPHY

Chest radiographs of near-drowned children. Wunderlich P, et al. **Pediatr Radiol** 1985;15(5):297–9

THERAPY

Isolated deafness following recovery from neurologic injury and adult respiratory distress syndrome. A sequela of intercurrent aminoglycoside and diuretic use. Lynn AM, et al. **Am J Dis Child** 1985 May;139(5):464–6

Cerebral resuscitation by use of verapamil in a victim of near-drowning. Kollar DJ. **Am J Emerg Med** 1984 Mar;2(2):148–52

Resuscitation from drowning. Redmond AD, et al. **Arch Emerg Med** 1984 Jun;1(2):113–5

Resuscitation of submersion casualties. Kizer KW. **Emerg Med Clin North Am** 1983 Dec;1(3):643–52 (97 ref.)

Submersion injury. Kram JA, et al. **Emerg Med Clin North Am** 1984 Aug;2(3):545–52

Pediatric near-drowning. Nugent SK. **Indiana Med** 1985 Jul;78(7):568–71

Early PEEP in the treatment of a freshwater near-drowning patient. Saenghirunvattana S, et al. **J Med Assoc Thai** 1984 Apr;67(4):258–61

Cerebral resuscitation therapy in pediatric near-drowning. Frewen TC, et al. **J Pediatr** 1985 Apr;106(4):615–7

VETERINARY

[Is drowning really drowning?] **Tijdschr Diergeneeskd** 1984 Aug 15;109(15–16):630 (Dut)

DROWSINESS see **SLEEP STAGES**

DRUG ABUSE see **SUBSTANCE ABUSE**

DRUG ABUSE, SPORTS see **DOPING IN SPORTS**

DRUG ADDICTION see **SUBSTANCE DEPENDENCE**

DRUG ADMINISTRATION, INTRANASAL see **ADMINISTRATION, INTRANASAL**

DRUG ADMINISTRATION, ORAL see **ADMINISTRATION, ORAL**

DRUG ADMINISTRATION SCHEDULE

Increasing medication compliance for the elderly patient and the patient with inadequate reading abilities. Dunaway WC. **Nebr Med J** 1984 Aug;69(8):280–1

DRUG ADMINISTRATION, TOPICAL see **ADMINISTRATION, TOPICAL**

DRUG ADULTERATION see **DRUG CONTAMINATION**

DRUG AND NARCOTIC CONTROL

Survey of butorphanol and nalbuphine diversion in U.S. hospitals. Hoover RC, et al. **Am J Hosp Pharm** 1985 May;42(5):1111–3

Control and accountability of controlled substance administration in the operating room. Moleski RJ, et al. **Anesth Analg** 1985 Oct;64(10):989–95

Drug security for emergency surgical procedures [letter] Bready LL, et al. **Anesthesiology** 1985 Aug;63(2):225

Impact of scheduling on the practice of medicine and biomedical research. Jaffe JH. **Drug Alcohol Depend** 1985 Feb;14(3–4):403–18 (47 ref.)

International regulatory status of dextropropoxyphene compounds. Gennery BA. **Hum Toxicol** 1984 Aug;3 Suppl:11S–12S

Guidelines for prescribers of controlled drugs. Phillips D. **J Arkansas Med Soc** 1985 Feb;81(9):463–4

Drugs policy in the Third World [letter] Islam N. **Lancet** 1985 May 4;1(8436):1044

Restricted drug list [letter] Symonds RL. **Lancet** 1985 Feb 16;1(8425):402–3

Misuse, abuse and diversion of prescription drugs. A Missouri response. Corcoran EG. **Mo Med** 1984 Nov;81(11):733–5

Exportation of hazardous substances [letter] Bader M. **N Engl J Med** 1984 Nov 29;311(22):1444–5

[Sociomedical problems of drug abuse in Great Britain—prevention and therapy (results of a study trip)] Hubrich W, et al. **Arztl Jugendkd** 1984 Aug;75(4):243–50 (Eng. Abstr.) (Ger)

ECONOMICS

Business as usual: heroin distribution in the United States. McBride RB. **Int J Health Serv** 1984;14(4):529–46

HISTORY

Hashish and drug abuse in Egypt during the 19th and 20th centuries. Nahas GG. **Bull NY Acad Med** 1985 Jun;61(5):428–44

LEGISLATION & JURISPRUDENCE

Excessive dispensing of controlled substances: a legal perspective. Morgan WR. **Ala Med** 1985 Feb;54(8):13–7

Heroin: should it be legalized for the treatment of cancer pain? Katz MD, et al. **Ariz Med** 1984 Sep;41(9):602–3

Effects of the new anti-mafia law on the proceeds of crime and on the Italian economy. Arlacchi P. **Bull Narc** 1984 Oct–Dec;36(4):91–100

Summary of an eleven-country study of socio-legal measures to combat drug abuse and related crime. Asuni T, et al. **Bull Narc** 1984 Jul–Sep;36(3):3–8

Counter-attack on cocaine trafficking: the strategy of drug law enforcement. Caffrey RJ. **Bull Narc** 1984 Apr–Jun;36(2):57–63

Some unresolved legal issues relating to punishment of offenders in criminal law and their effect on sentencing policies: the case of drug abusers. Chatterjee SK. **Bull Narc** 1984 Jul–Sep;36(3):59–76

Forfeiture of narcotics-generated wealth in the United States of America pursuant to the Comprehensive Forfeiture Act of 1984. Gunn PC. **Bull Narc** 1984 Oct–Dec;36(4):61–89

Drug-related crime and sentencing policies from the perspective of the United Nations crime prevention and criminal justice programme. Hanreich H. **Bull Narc** 1984 Jul–Sep;36(3):47–57

Provisions in the laws of Pakistan to combat serious drug-related offences. Husain M. **Bull Narc** 1984 Jul–Sep;36(3):15–7

An assessment of legal measures to trace, freeze and confiscate the proceeds of drug crimes in France: the Customs viewpoint. Jacquemart C. **Bull Narc** 1984 Oct–Dec;36(4):43–50

Penal measures for drug offences: perspectives from some Asian countries. Jayasuriya DC. **Bull Narc** 1984 Jul–Sep;36(3):9–13

Denial of passports to drug offenders in Singapore. Poh Geok Ek. **Bull Narc** 1984 Jul–Sep;36(3):43–5

Forfeiture of properties in respect of economic offences: the Indian experience. Rao MV. **Bull Narc** 1984 Oct–Dec;36(4):101–9

Legal measures to combat drug-related problems in Poland. Sokalska ME. **Bull Narc** 1984 Jul–Sep;36(3):19–25

Drug offence sentencing practices in the United States of America. Weissman JC. **Bull Narc** 1984 Jul–Sep;36(3):27–41

Education for drug prescribers: whose responsibility? Derbyshire RC. **Hosp Pract [Off]** 1985 Jul 15;20(7):151, 154–5, 158

The clandestine drug laboratory situation in the United States. Frank RS. **J Forensic Sci** 1983 Jan;28(1):18–31

Opium, the religion of the people. Marks J. **Lancet** 1985 Jun 22;1(8443):1439–40

Board of Medicine proposes new amphetamine rules. **Mich Med** 1985 Feb;84(2):100–2

[Forms of drug crimes. A criminologic contribution on the manifestations of the criminal production and distribution of drugs as well as their practical significance] Wagner G. **Arch Kriminol** 1984 Nov–Dec;174(5–6):9–140 (Ger)

[Withdrawal of drugs for the patient's own protection] Rieger HJ. **Dtsch Med Wochenschr** 1984 Nov 30;109(48):1860 (Ger)

METHODS

A laboratory approach to the control of cocaine in Bolivia. Morales-Vaca M. **Bull Narc** 1984 Apr–Jun;36(2):33–43

Update: Colorado Prescription Drug Abuse Coalition. **Colo Med** 1985 Jan;82(1):13–4

Drug distribution and the physician's responsibilities. Golden M. **Del Med J** 1984 Oct;56(10):593–6

Narcotics control in anesthesia training. Adler GR, et al. **JAMA** 1985 Jun 7;253(21):3133–6

Roentgenographical detection of cocaine smuggling in the alimentary tract. Kersschot EA, et al. **ROFO** 1985 Mar;142(3):295–8

[Improved method of determining an adequate supply of drugs] Riabykh LD, et al. **Voen Med Zh** 1984 Dec;(12):57–8 (Rus)

DRUG ANTAGONISM

see related

NARCOTIC ANTAGONISTS

Quantification of the characteristics of antagonists exhibiting both competitive antagonism and functional interaction. Hughes IE, et al. **Br J Pharmacol** 1985 May;85(1):271–5

Application of the operational model of agonism to establish conditions when functional antagonism may be used to estimate agonist dissociation constants. Leff P, et al. **Br J Pharmacol** 1985 Jul;85(3):655–63

DRUG BENEFIT PLANS see **INSURANCE, PHARMACEUTICAL SERVICES**

DRUG COMBINATIONS

Drug combinations—concepts and terminology. Unkelbach

HD, et al. **Arzneimittelforsch** 1984;34(9):935–8

The expected effect of a combination of agents: the general solution. Berenbaum MC. **J Theor Biol** 1985 Jun 7; 114(3):413–31

Dose-response analysis of combination preparations. Unkelbach HD, et al. **Stat Med** 1985 Jan–Mar;4(1):77–85

[Two new formulae for evaluating the effectiveness of drug combinations and the revision of Bürgi's and Jin's modified Bürgi's formulae] Zhou YY, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):217–21 (Eng. Abstr.) **(Chi)**

[Two new formulae for evaluating effectiveness of drug combinations and revision of Bürgi's and Jin's modified Bürgi's formula] Zhou YY, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):217–21 (Eng. Abstr.) **(Chi)**

[Combination preparations in chemotherapy] Tempel K. **Tierarztl Prax** 1984;12(2):149–61 (73 ref.) **(Ger)**

ANALYSIS

Enhanced detection of drugs in complex mixtures by derivatization/secondary ion mass spectrometry. Kidwell DA, et al. **Biomed Mass Spectrom** 1985 Jun;12(6):254–60

THERAPEUTIC USE

[A useful combination in the treatment of ulcers of the legs] Martorell A. **Angiologia** 1985 Mar–Apr;37(2):87 **(Spa)**

DRUG COMMITTEE see PHARMACY AND THERAPEUTICS COMMITTEE

DRUG COMPOUNDING

see related

BIOPHARMACEUTICS

Computerized operations manual for sterile products [letter] Giudici RA, et al. **Am J Hosp Pharm** 1984 Dec;41(12):2586, 2588

Operation of an allergen-extract pharmacy. Grabenstein JD. **Am J Hosp Pharm** 1985 Aug;42(8):1733–9

Extemporaneous compounding: promotional and legal aspects. Fassett WE, et al. **Am Pharm** 1984 Aug; NS24(8):62–7

Dermatologists' referrals of prescriptions requiring compounding. Smith MC, et al. **Cutis** 1984 Nov; 34(5):489–91

User unfriendly drugs—fillers, additives, excipients [editorial] Shader RI, et al. **J Clin Psychopharmacol** 1985 Aug; 5(4):A15–6

Solubility concepts and their applications to the formulation of pharmaceutical systems. Part I. Theoretical foundations. Flynn GL. **J Parenter Sci Technol** 1984 Sep–Oct; 38(5):202–9

The effect of punch velocity on the compaction of a variety of materials. Roberts RJ, et al. **J Pharm Pharmacol** 1985 Jun;37(6):377–84

Additives—a hazard of generic substitution [editorial] **S Afr Med J** 1985 Aug 3;68(3):127

[Between ointments and creams] Dessing RP, et al. **Ned Tijdschr Geneeskd** 1984 Sep 22;128(38):1817–9 (Eng. Abstr.) **(Dut)**

[Forms of drug crimes. A criminologic contribution on the manifestations of the criminal production and distribution of drugs as well as their practical significance] Wagner G. **Arch Kriminol** 1984 Nov–Dec;174(5–6):9–140 **(Ger)**

[Molecular cavity filling and tabletting with beta-cyclodextrin] Hüttenrauch R, et al. **Pharmazie** 1985 May;40(5):361–2 **(Ger)**

[The galenic laboratory in a health service region. Technology of drug production and formulation] Topalov V, et al. **Vojnosanit Pregl** 1984 May–Jun;41(3):162–6 (Eng. Abstr.) **(Ser)**

[Aspects of economic efficiency in the manufacture of pharmaceuticals. Optimalization of the batch size and the batch series in the production of drugs] Luknárová N, et al. **Cesk Zdrav** 1984 Jul;32(6–7):241–7 (Eng. Abstr.) **(Slo)**

ECONOMICS

Cost containment of reconstituted parenteral antibiotics: personnel and supply costs associated with preparation, dispensing, and administration. Tanner DJ. **Rev Infect Dis** 1984 Nov–Dec;6 Suppl 4:S924–37

METHODS

[A proposal for the manufacture of therapeutic suppositories from the Apoteka, Osnovna kit] Korbar-Smid J, et al. **Vojnosanit Pregl** 1985 Jan–Feb;42(1):32–4 **(Ser)**

STANDARDS

Facilitating aseptic mixing of sterile substances [letter] Ing TS, et al. **Am J Hosp Pharm** 1985 Jul;42(7):1511

DRUG CONTAINERS AND CLOSURES see DRUG PACKAGING

DRUG CONTAMINATION

Impairment of myocardial function induced by particulate contamination of cardioplegic solutions. Robinson LA, et al. **Adv Myocardiol** 1985;6:503–12

Microbial contamination potential of sterile disposable plastic syringes. Huey WY, et al. **Am J Hosp Pharm** 1985 Jan; 42(1):102–5

Bacterial contamination of eyedrop dispensers. Coad CT, et al. **Am J Ophthalmol** 1984 Nov;98(5):548–51

Sterility of anesthetic multiple-dose vials after opening. Schubert A, et al. **Anesthesiology** 1985 May;62(5):634–6

Particulate contamination of solutions for intrathecal use. Pinnock CA. **Ann R Coll Surg Engl** 1984 Nov;66(6):423

Microbiological contamination of raw materials for large-volume parenterals. Baggerman C, et al. **Appl Environ Microbiol** 1984 Sep;48(3):662–4

Ethanol contamination in commercial buffers: ethanol contaminating tris-maleate and other commercial buffers induces germ tube formation in Candida albicans. Pollack JH, et al. **Appl Environ Microbiol** 1984 Nov;48(5):1051–2

An epidemic of a 'new' haemorrhagic disease in infants attributable to talcum powder contaminated with warfarin in Ho-Chi-Minh Ville (Vietnam). Martin-Bouyer G, et al. **Arch Toxicol [Suppl]** 1984;7:494–8

Methadone poisoning due to accidental contamination of prescribed medication. Roland EH, et al. **Can Med Assoc J** 1984 Dec 1;131(11):1357–8

Variation in microbial survival and growth in intravenous fluids. Rawal BD, et al. **Chemotherapy** 1985;31(4):318–23

Adulterants in heroin/cocaine: implications concerning heroin-associated nephropathy. Cunningham EE, et al. **Drug Alcohol Depend** 1984 Sep;14(1):19–22

A novel RNA digesting activity from commercial polynucleotide phosphorylase. Labuda D, et al. **FEBS Lett** 1985 Jan 7;179(2):213–6

Characterization of aminosaccharins in commercial sodium saccharin produced by the Maumee process. Radford T, et al. **Food Chem Toxicol** 1985 Apr–May;23(4–5):419–28

Mortality and renal failure in the streptozocin-alloxan diabetic dog attributed to contamined alloxan preparations. Cutfield R, et al. **Horm Metab Res** 1984 Oct;16(10):549–50

Bacterial contamination of oral rehydration solution. Venkateswarlu K, et al. **Indian Pediatr** 1984 Sep; 21(9):707–11

Serratia marcescens contamination of antiseptic soap containing triclosan: implications for nosocomial infection. Barry MA, et al. **Infect Control** 1984 Sep;5(9):427–30

Is triclosan susceptible to contamination? [letter] Findley WR, et al. **Infect Control** 1985 Aug;6(8):298–9

Intravenous fluid contamination, Aegean-style. Goldmann DA. **Infect Control** 1984 Oct;5(10):469–70

Multiple-dose vials: persistence of bacterial contaminants and infection control implications. Longfield RN, et al. **Infect Control** 1985 May;6(5):194–9

Enterobacter sepsis in infants and children due to contaminated intravenous fluids. Matsaniotis NS, et al. **Infect Control** 1984 Oct;5(10):471–7

Diphenylcyclopropenone: examination for potential contaminants, mechanisms of sensitization, and photochemical stability. Wilkerson MG, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):802–7

Raman spectra of nystatin. Influence of impurities. Colline A, et al. **J Antibiot (Tokyo)** 1985 Feb;38(2):181–5

Contamination by ATP of commercial dATP samples causing erroneous results in studies of DNA replication in isolated HeLa cell nuclei. Hanaoka F, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):383–6

A comparison of the methods of the European Pharmacopoeia for the detection of Mycoplasma gallisepticum and Mycoplasma synoviae. Woods SB, et al. **J Biol Stand** 1984 Jul;12(3):305–9

Microbial contamination of non-sterile pharmaceutical products made in hospitals in the North East Thames Regional Health Authority. Baird RM. **J Clin Hosp Pharm** 1985 Mar;10(1):95–100

Growth of microorganisms in total parenteral nutrition mixtures and related clinical observations. Scott EM, et al. **J Clin Hosp Pharm** 1985 Mar;10(1):79–88

The growth of micro-organisms in intravenous fluids. Garcia-Caballero J, et al. **J Hosp Infect** 1985 Jun;6(2):154–7

Contamination of intravenous fluid with Sporothrix schenckii. Matlow AG, et al. **J Infect** 1985 Mar; 10(2):169–71

Contribution of contaminant indium-114m/indium-114 to indium-111 oxine blood dosimetry. Marcus CS, et al. **J Nucl Med** 1985 Sep;26(9):1091–3

Septicemia secondary to administration of a contaminated intravenous fluid. Lieblich SE, et al. **J Oral Maxillofac Surg** 1984 Oct;42(10):680–2

Procedures used for sterility testing of parenteral drugs by an FDA field laboratory. Guilfoyle DE, et al. **J Parenter Sci Technol** 1984 Jul–Aug;38(4):138–41

PDA particulate matter panel discussion—an industry perspective. Hammer HF. **J Parenter Sci Technol** 1984 Sep–Oct;38(5):170–2

Endotoxin contamination of parenteral drugs and radiopharmaceuticals as determined by the limulus amebocyte lysate method. Twohy CW, et al. **J Parenter Sci Technol** 1984 Sep–Oct;38(5):190–201

Degenerative neurologic disease in patients formerly treated with human growth hormone. Report of the Committee on Growth Hormone Use of the Lawson Wilkins Pediatric Endocrine Society, May 1985. **J Pediatr** 1985 Jul; 107(1):10–2

Analysis of particulate contamination in ampoules using a light blockage particle analyser. Alexander DM, et al. **J Pharm Pharmacol** 1985 Jan;37(1):13–6

Particulate contamination in ampoules. Alexander DM, et al. **J Pharm Pharmacol** 1985 Jan;37(1):53–5

Leads from the MMWR. Isolation of HTLV-III/LAV from samples of serum proteins given to cancer patients—Bahamas. **JAMA** 1985 Sep 6;254(9):1139

Toxic metal contamination of folk remedy [letter] D'Alauro F, et al. **JAMA** 1984 Dec 14;252(22):3127

Sources of lead poisoning [letter] Levitt C, et al. **JAMA** 1984 Dec 14;252(22):3127–8

Virus sterility for human growth hormone [letter] Brown P. **Lancet** 1985 Sep 28;2(8457):729–30

Pollution of insulin with silicone oil, a hazard of disposable plastic syringes [letter] Chantelau EA, et al. **Lancet** 1985 Jun 22;1(8443):1459

Pseudobacteraemia associated with contaminated skin cleaning agent [letter] Gosden PE, et al. **Lancet** 1985 Sep 21;2(8456):671–2

An unexpected complication of intravenous injection [letter] Widgington N, et al. **Lancet** 1985 Sep 7;2(8454):561

Isolation of human T-lymphotropic virus type III/lymphadenopathy-associated virus from serum proteins given to cancer patients—Bahamas. **MMWR** 1985 Aug 9; 34(31):489–91

Potential epidemic of Creutzfeldt-Jakob disease from human growth hormone therapy. Brown P, et al. **N Engl J Med** 1985 Sep 19;313(12):728–31

Clinical and pathological features and laboratory confirmation of Creutzfeldt-Jakob disease in a recipient of pituitary-derived human growth hormone. Gibbs CJ Jr, et al. **N Engl J Med** 1985 Sep 19;313(12):734–8

Creutzfeldt-Jakob disease in a young adult with idiopathic hypopituitarism. Possible relation to the administration of cadaveric human growth hormone. Koch TK, et al. **N Engl J Med** 1985 Sep 19;313(12):731–3

Inadvertent aluminum administration during plasma exchange due to aluminum contamination of albumin-replacement solutions. Milliner DS, et al. **N Engl J Med** 1985 Jan 17;312(3):165–7

A nosocomial common source outbreak caused by Pseudomonas pickettii. Gardner S, et al. **Pediatr Infect Dis** 1984 Sep–Oct;3(5):420–2

Occurrence of para-aminobenzoic acid and benzocaine as contaminants in sunscreen agents of para-aminobenzoic acid type. Bruze M, et al. **Photodermatol** 1984 Dec; 1(6):277–85

On the contamination of commercially available aprotinins with pancreatic islet peptides. Baldissera FG, et al. **Scand J Clin Lab Invest** 1984 Nov;44(7):669–72

[Determination of residual trichloronitromethane in the air and in Chinese drugs] Shen LF. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 May; 18(3):176–7 **(Chi)**

[Mildew of tortoise-plastron gelatin and 3 other Chinese medicinal herbs] Xu XS. **Chung Yao Tung Pao** 1984 Jul; 9(4):164–7 **(Chi)**

[Hygienic relations and stability of drugs in peridural long-term infusion with implanted or external pumps] Müller H, et al. **Anaesthesist** 1985 May;34(5):247–51 (Eng. Abstr.) **(Ger)**

[Annual rhythms of quality in drug production] Hüttenrauch R, et al. **Pharmazie** 1984 Jun;39(6):427–8 **(Ger)**

[Microbiological experience with the distribution of factory-packaged drugs in hospital departments] Fekete J, et al. **Orv Hetil** 1985 Apr 14;126(15):905–7 (Eng. Abstr.) **(Hun)**

[Can the systemic candidiasis of heroin addicts be traced to contamination of the narcotic mixture?] Lopez A, et al. **Nuovi Ann Ig Microbiol** 1983 Mar–Apr;34(2):109–19 (Eng. Abstr.) **(Ita)**

[Source of haze to freeze dried parenterals] Nakamura Y, et al. **Yakugaku Zasshi** 1984 Aug;104(8):873–83 (Eng. Abstr.) **(Jpn)**

[Evaluation of Polish insulin preparations on the basis of their contamination with glucagon] Cholewka W, et al. **Acta Pol Pharm** 1984;41(3):365–8 (Eng. Abstr.) **(Pol)**

[Sensitizing action of nonvirion admixtures in inactivated influenza vaccines in an experiment] Bichurina MA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec;(12):36–9 (Eng. Abstr.) **(Rus)**

[The microflora of materials for parenteral use] Martinez Bermudez AD, et al. **Boll Chim Farm** 1983 Mar; 122(3):123–9 (Eng. Abstr.) **(Spa)**

PREVENTION & CONTROL

No hepatitis after treatment with a modified factor IX concentrate in previously untreated hemophiliacs. Mannucci PM, et al. **Ann Intern Med** 1985 Aug; 103(2):226–7

Microbial contamination of a vitamin A formulation, prepared in local pharmacies, and its preservation against yeasts and moulds. van Doorne H, et al. **Antonie Van Leeuwenhoek** 1984;50(4):405–16

CDC recommendation clarified [letter] Garner JS, et al. **Infect Control** 1984 Sep;5(9):419

Control aspects of aseptically produced products. Avallone HL. **J Parenter Sci Technol** 1985 Mar–Apr;39(2):75–9

Sterility test systems for product recovery. Gee LW, et al. **J Pharm Sci** 1985 Jan;74(1):29–32

Microbiological aspects of heat sterilization of medicines. II. A method for the determination of the effectiveness of a sterilization process using the bioburden and the bioburdens heat resistance. Boom FA, et al. **Pharm Weekbl [Sci]** 1984 Oct 19;6(5):209–15

Elimination of serum proteins and potential virus contaminants during hepatitis B vaccine preparation. Adamowicz P, et al. **Vaccine** 1984 Sep;2(3):209–14

[Experimental study of hibitane as an agent for the disinfection of Chinese drugs] Chen JQ. **Chung Yao Tung Pao** 1985 Feb;10(2):68–9 (Chi)

[Microbiological in-process control in drug manufacture] Seyfarth VH. **Arzneimittelforsch** 1985;35(1A):205–16 (Eng. Abstr.) (Ger)

[The of 'laminar air flow' systems] Stampf G, et al. **Pharmazie** 1984 Sep;39(9):647–8 (Ger)

[Contamination of drugs with dichlorvos following the use of Fekama dichlorvos 50] Reinhold R. **Z Gesamte Hyg** 1985 Feb;31(2):96–8 (Eng. Abstr.) (Ger)

[Radiation as a microbiological contamination control of drugs, cosmetics and medical devices] Ishizeki C. **Radioisotopes** 1985 May;34(5):282–91 (56 ref.) (Jpn)

[Elimination of admixtures from antibiotic sediments during their treatment with solvents] Sinitsyn MA, et al. **Antibiotiki** 1984 Dec;29(12):897–901 (Eng. Abstr.) (Rus)

[Bacteriological study of biological preparations intended for the treatment of oncological patients] Grinenko GI, et al. **Lab Delo** 1984;(11):662–6 (Eng. Abstr.) (Rus)

DRUG DEPENDENCE see **SUBSTANCE DEPENDENCE**

DRUG DETOXICATION, METABOLIC see **METABOLIC DETOXICATION, DRUG**

DRUG ERUPTIONS see **DERMATITIS MEDICAMENTOSA**

DRUG EVALUATION

Packaging requirements for investigational agents [letter] Goldfrank LR, et al. **Am J Hosp Pharm** 1985 Feb;42(2):273, 276

Clinical research: the drug trial. Edmondson HD. **Br J Oral Maxillofac Surg** 1984 Oct;22(5):358–62

Design of phase I and II clinical trials in cancer: a statistician's view. Geller NL. **Cancer Invest** 1984;2(6):483–91

Success rates in the United States drug development system. Sheck L, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):574–83

Advances in the clinical development of antiepileptic drugs. Porter RJ, et al. **Fed Proc** 1985 Jul;44(10):2645–9

Advantages of integrated trials for performing multiple Phase II studies. Weiss GB, et al. **Invest New Drugs** 1984; 2(4):409–14

FDA letter to radioactive drug research chairpersons [letter] Temple R. **J Nucl Med** 1985 Jul;26(7):815–6

An unhappy outlook for drug therapy [letter] Dawes PT, et al. **Lancet** 1984 Oct 13;2(8407):863

The 'tomato effect' in clinical nutrition. New treatments languishing on the vine? Podell RN. **Postgrad Med** 1984 Dec;76(8):49–52, 61–3, 65 (42 ref.)

METHODS

Designing phase II studies in the context of a programme of clinical research. Whitehead J. **Biometrics** 1985 Jun; 41(2):373–83

Death of a volunteer [editorial] **Br Med J [Clin Res]** 1985 May 11;290(6479):1369–70

Methodological guidelines for reading drug-evaluation research. King PR. **Can J Psychiatry** 1984 Nov; 29(7):575–82

Crossover and noncrossover designs in four-point parallel line analgesic assays. James KE, et al. **Clin Pharmacol Ther** 1985 Mar;37(3):242–52

Evaluation of new agents in breast carcinoma and other chemotherapy-sensitive tumors. Bodey GP. **Eur J Cancer Clin Oncol** 1985 Mar;21(3):273–6

Systolic time intervals—a new technique in clinical pharmacology. Warrington S. **Methods Find Exp Clin Pharmacol** 1985 Feb;7(2):93–8

[Guidelines of the Working Group on Internal Oncology for drawing up protocols for phase II testing of cytostatic drugs] **Onkologie** 1985 Apr;8(2):133-6 (Eng. Abstr.) (Ger)

STANDARDS

European Ethical Review Committee: the experience of an international ethics committee reviewing protocols for drug trials. Faccini JM, et al. **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1052–4

The dangers of ad hoc protocols. Hanks GE. **J Clin Oncol** 1984 Oct;2(10):1177–8

Scientific misconduct in investigational drug trials. Shapiro MF, et al. **N Engl J Med** 1985 Mar 14;312(11):731–6

Studies in general practice: interpractice differences. Gastpar M. **Pharmacopsychiatry** 1984 Sep;17(5):148–51

[Ethics of randomization] Arpaillange P, et al. **Biomed Pharmacother** 1984;38(9–10):426–9 (Fre)

[Ethics of phase II studies] Dion S. **Biomed Pharmacother** 1984;38(9–10):425 (Fre)

[Ethics of phase I studies] Durry G, et al. **Biomed Pharmacother** 1984;38(9–10):423–4 (Fre)

[Collaboration between the research center of a pharmaceutical firm and public emergency structures for better safety of phase I and II clinical pharmacology studies (letter)] Larcan A, et al. **Therapie** 1985 Jul–Aug;40(4):263–4 (Fre)

TRENDS

New drug applications: how long to gain approval? Spivey RN, et al. **Clin Pharmacol Ther** 1985 Apr;37(4):361–6

DRUG EVALUATION, FDA PHASE I see **DRUG EVALUATION**

DRUG EVALUATION, FDA PHASE II see **DRUG EVALUATION**

DRUG EVALUATION, FDA PHASE III see **CLINICAL TRIALS**

DRUG EVALUATION, FDA PHASE IV see **CLINICAL TRIALS**

DRUG EVALUATION, PRECLINICAL see **DRUG SCREENING**

DRUG HABITUATION see **SUBSTANCE DEPENDENCE**

DRUG HYPERSENSITIVITY

Allergic and pseudo-allergic reactions caused by penicillins, cocoa and peppermint additives in penicillin factory workers examined by basophil histamine release. Møoller NE, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Aug; 55(2):139–44

An alternate method to manage patients with protamine hypersensitivity for cardiac surgery [letter] Jackson SH, et al. **Anesthesiology** 1985 Jul;63(1):120–1

Photosensitized irreversible binding of estrone to protein via a hydroperoxide intermediate: an explanation of (photo-) allergic side-effects of estrogens. Sedee AG, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):675–81

Intolerance of bromocriptine: is metergoline a satisfactory alternative? Casson IF, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1783–4

Allergic reactions to teniposide in patients with neuroblastoma and lymphoid malignancies. Hayes FA, et al. **Cancer Treat Rep** 1985 Apr;69(4):439–41

Local toxicity from iv administration of Baker's antifol [letter] Krasnow SH, et al. **Cancer Treat Rep** 1985 Jun; 69(6):735–6

The dapsone syndrome. A case report. Gupta CM, et al. **Ind J Lepr** 1985 Jan–Mar;57(1):193–5

Assay of prekallikrein as plasminogen proactivator in plasma specimens from reactors to dextran or to contrast media. Briseid K, et al. **Int J Tissue React** 1984;6(6):529–36

Symposium proceedings on drug allergy: prevention, diagnosis, treatment. December, 1983, Washington, D.C.Sponsored by the National Institute of Allergy and Infectious Diseases and National Center for Drugs and Biologics (FDA). **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 2):549–644

Clinical spectrum of allergic and pseudoallergic drug reactions. Mathews KP. **J Allergy Clin Immunol** 1984 Oct; 74(4 Pt 2):558–66

Allergy to desferrioxamine. Romeo MA, et al. **J Inherited Metab Dis** 1984;7(3):121

Immunologic aspects of phenobarbital hypersensitivity. Knutsen AP, et al. **J Pediatr** 1984 Oct;105(4):558–63

Hypersensitivity to mesna [letter] Lang E, et al. **Lancet** 1985 Aug 10;2(8450):329

Acute allergic reaction due to vincristine sulfate. A case report. Gassel WD, et al. **Oncology** 1984;41(6):403–5

Adverse drug reactions. Scope of the problem. Criep LH. **Postgrad Med** 1985 Aug;78(2):199–205, 208–9

Hypersensitivity-like reactions to N-acetylcysteine. Tenenbein M. **Vet Hum Toxicol** 1984;26 Suppl 2:3–5

[Sensitization to ampicillin in infectious mononucleosis] Shoenfeld Y, et al. **Harefuah** 1984 Oct;107(7–8):174–5 (Eng. Abstr.) (Heb)

BLOOD

[Adverse reactions to antibacterial preparations during the treatment of tuberculosis among adolescents and their diagnosis] Firsova VA, et al. **Probl Tuberk** 1984 Nov; (11):33–6 (Eng. Abstr.) (Rus)

CHEMICALLY INDUCED

Anaphylactic hypersensitivity to mercurochrome (merbrominum). Corrales Torres JL, et al. **Ann Allergy** 1985 Mar;54(3):230–2

Bisulfite sensitivity manifesting as an allergic reaction to aerosol therapy. Sher TH, et al. **Ann Allergy** 1985 Mar; 54(3):224–6

COMPLICATIONS

Migraine in aspirin-sensitive asthmatics. Grzelewska-Rzymowska I, et al. **Allergol Immunopathol (Madr)** 1985 Jan–Feb;13(1):13–6

Contact lens wear problems: implications of penicillin allergy, diabetic relatives, and use of birth control pills. Harrison DP. **Am J Optom Physiol Opt** 1984 Nov;61(11):674–8

Suppression of tuberculin hypersensitivity caused by rubella infection. Mori T, et al. **Am Rev Respir Dis** 1985 Jun; 131(6):886–8

Zomepirac sodium (Zomax) hypersensitivity in aspirin-sensitive asthmatics. Pleskow WW, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1170–3

Bisulfite intolerance manifest as bronchospasm following topical dipivefrin hydrochloride therapy for glaucoma [letter] Schwartz HJ, et al. **Arch Ophthalmol** 1985 Jan; 103(1):14–5

Nasal polyps, bronchial asthma, and aspirin sensitivity: the Samter syndrome. Zeitz HJ, et al. **Compr Ther** 1985 Jun; 11(6):21–6

Postcoital urticaria in a penicillin-sensitive patient. Possible seminal transfer of penicillin. Green RL, et al. **JAMA** 1985 Jul 26;254(4):531

Myocarditis related to drug hypersensitivity. Taliercio CP, et al. **Mayo Clin Proc** 1985 Jul;60(7):463–8

Glucocorticoid hypersensitivity in an asthmatic patient: presentation and treatment. Clee MD, et al. **Thorax** 1985 Jun;40(6):477–8

[Acute drug-induced tubulointerstitial nephritis—analysis of 5 cases] Liu YC. **Chung Hua Nei Ko Tsa Chih** 1984 Mar; 23(3):151–5 (Eng. Abstr.) (Chi)

[Pneumopathies caused by hypersensitivity to amiodarone and associated nephropathies. Study by alveolar lavage] Caubarrère I, et al. **Ann Med Interne (Paris)** 1985; 136(4):311–5 (Eng. Abstr.) (Fre)

[Transmural myocardial infarction and Prinzmetal's syndrome in an allergic reaction to glafenine. Physiopathological discussion. Apropos of a case] Lainée R, et al. **Arch Mal Coeur** 1985 Jun;78(6):955–9 (Eng. Abstr.) (Fre)

[Bronchial asthma caused by aspirin hypersensitivity (pathomechanism and diagnostic and therapeutic problems)] Korzec I. **Pneumonol Pol** 1984 Jun; 52(6):299–305 (30 ref.) (Pol)

[Allergens causing skin changes in dogs and humans. III. Drug allergens] Pomorski Z, et al. **Przegl Dermatol** 1985 Jan–Feb;72(1):31–5 (Eng. Abstr.) (Pol)

[Drug allergy and the development of nephropathies in children] Lagutina LE, et al. **Pediatriia** 1985 Apr;(4):41 (Rus)

[Acute lung diseases caused by drug hypersensitivity] Gogin EE, et al. **Sov Med** 1984;(7):91–3 (Rus)

DIAGNOSIS

Clinical features and changing trends in hypersensitivity reactions. Clarke RS. **Ann Fr Anesth Reanim** 1985; 4(2):146–51

Sensitisation to human insulin [letter] Kristensen JS, et al. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1382

Anaphylactic reaction to aprotinin despite negative ocular sensitivity tests. LaFerla GA, et al. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1176–7

Value of oral provocation tests to aspirin and food additives in the routine investigation of asthma and chronic urticaria. Genton C, et al. **J Allergy Clin Immunol** 1985 Jul;76(1):40–5

Early recognition of allergic reactions to new drugs. Patterson R. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 2):641–2

A liquid chromatographic study of stability of the minor determinants of penicillin allergy: a stable minor determinant mixture skin test preparation. Ressler C, et al. **J Pharm Sci** 1985 Apr;74(4):448–54

[Allergy to chymopapain: value of predictive tests before chemonucleolysis] Moneret-Vautrin DA, et al. **Ann Fr Anesth Reanim** 1985;4(3):313–5 (Eng. Abstr.) (Fre)

[Indications for the aspirin provocation test in the asthmatic] Michel O, et al. **Rev Pneumol Clin** 1984;40(6):369–71 (Eng. Abstr.) (Fre)

[Pseudoallergic reactions of drug origin] Descotes J. **Therapie** 1985 Jan–Feb;40(1):59–65 (96 ref.) (Eng. Abstr.) (Fre)

[Drug-induced immunologic diseases] Chad ZH. **Union Med Can** 1985 Jan;114(1):14–6 (Eng. Abstr.) (Fre)

[Clinical observations on 76 children exposed to urea-formaldehyde insulation foam] Lacroix J, et al. **Union Med Can** 1985 Jul;114(7):542–7 (Eng. Abstr.) (Fre)

[An improved intradermal test method for drug allergies. Test results with an in vitro mixture of serum and drug] Baczako M, et al. **Fortschr Med** 1984 Nov 29; 102(44):1131–4 (Eng. Abstr.) (Ger)

[Drug allergy. 2. The clinical syndrome and pseudoallergic reactions] Heinzl S. **Med Monatsschr Pharm** 1985 Jul; 8(7):207–13 (Ger)

[Chymopapain allergy. Diagnostic value of a skin test before and after chemonucleolysis] Mayer HM, et al. **Neurochirurgia (Stuttg)** 1985 Mar;28(2):51–6 (Eng. Abstr.) (Ger)

[Microthermal method of urine analysis in diagnosing drug allergy in tuberculosis patients] Shchutskaia EI, et al. **Probl Tuberk** 1985;(4):60–3 (Eng. Abstr.) (Rus)

[Exacerbation reaction to a sublingual penicillin test] Korotkov VD. **Vestn Dermatol Venerol** 1984 Nov;(11):66–9 (Eng. Abstr.) (Rus)

[The sensitizing effect of detergents after their combined percutaneous entry into the body] Voloshchenko OI, et al. **Vrach Delo** 1985 Jun;(6):90–2 (Eng. Abstr.) (Rus)

DRUG THERAPY

Successful treatment of Pneumocystis carinii pneumonia with trimethoprim-sulfamethoxazole in hypersensitive AIDS patients [letter] Gibbons RB, et al. **JAMA** 1985 Mar 1; 253(9):1259–60

ETIOLOGY

Anaphylactic and allergic reactions during double-contrast studies: is glucagon or barium suspension the allergen? Gelfand DW, et al. **AJR** 1985 Feb;144(2):405–6

Allergic reaction during double-contrast upper GI series [letter] Hoyt TS, et al. **AJR** 1985 Sep;145(3):653–4

Hypersensitivity reaction to barium suspension [letter] McAvoy M, et al. **AJR** 1985 Jun;144(6):1316

Diphenylhydantoin-induced hepatotoxicity. Aaron JS, et al. **Am J Gastroenterol** 1985 Mar;80(3):200–2

Hypersensitivity phenomena and the kidney: role of drugs and environmental agents. Adler SG, et al. **Am J Kidney Dis** 1985 Feb;5(2):75–96 (114 ref.)

Erythema multiforme after use of topical sulfacetamide. Genvert GI, et al. **Am J Ophthalmol** 1985 Apr 15; 99(4):465–8

Reaction to repeat althesin induction in children [letter] Duncan PW. **Anaesth Intensive Care** 1984 Aug;12(3):278

Adverse responses to local anaesthetics. Fisher MM, et al. **Anaesth Intensive Care** 1984 Nov;12(4):325–7

Angioneurotic oedema (Quincke's disease) and severe bronchospasm after chlormethiazole infusion [letter] Jakobsen CJ. **Anaesthesia** 1984 Nov;39(11):1146–7

Some predisposing factors to hypersensitivity reactions following first exposure to Althesin. Simpson PJ, et al. **Anaesthesia** 1985 May;40(5):420–3

Anaphylactoid reaction to oxytocin in pregnancy. Slater RM, et al. **Anaesthesia** 1985 Jul;40(7):655–6

'Allergic' drug reactions during anaesthesia [letter] Watkins J, et al. **Anaesthesia** 1985 Aug;40(8):813–4

A complicated case of penicillin allergy. Cameron W, et al. **Ann Allergy** 1984 Dec;53(6):455–61

Scarlatiniform rash and urticaria due to codeine. Hunskaar S, et al. **Ann Allergy** 1985 Mar;54(3):240–1

Routine use of skin testing for immediate penicillin allergy to 6,764 patients in an outpatient clinic. Sarti W. **Ann Allergy** 1985 Aug;55(2):157–61

IgE mediated anaphylaxis due to a psyllium-containing drug. Seggev JS, et al. **Ann Allergy** 1984 Oct;53(4):325–6

Positive intradermal tests to D-tubocurarine in patients with cholinergic urticaria. Wolf R, et al. **Ann Allergy** 1984 Oct; 53(4):355–7

Sulfite sensitivity in a seven-year-old child. Wolf SI, et al. **Ann Allergy** 1985 May;54(5):420–3

Vancomycin and red necks [letter] Ackerman BH, et al. **Ann Intern Med** 1985 May;102(5):723–4

Diltiazem and generalized lymphadenopathy [letter] Scolnick B, et al. **Ann Intern Med** 1985 Apr;102(4):558

Delayed hypersensitivity to a corticosteroid suspension containing methylprednisolone. Two cases of conjunctival inflammation after retrobulbar injection. Mathias CG, et al. **Arch Dermatol** 1985 Feb;121(2):258–61

Pustular contact hypersensitivity to fluorouracil with rosacealike sequelae. Sevadjian CM. **Arch Dermatol** 1985 Feb;121(2):240–2

Intolerance to cisplatin—a case report. Umbach GE, et al. **Arch Gynecol** 1985;236(3):183–5

Hypersensitivity reaction to sulindac (Clinoril). Lending RE, et al. **Arch Intern Med** 1984 Nov;144(11):2259–60

Phenylbutazone-induced systemic vasculitis with crescentic glomerulonephritis. Leung AC, et al. **Arch Intern Med** 1985 Apr;145(4):685–7

Allopurinol hypersensitivity: a potentially life threatening reaction. Vinciullo C. **Australas J Dermatol** 1984 Aug; 25(2):59–67

Cutaneous insulin allergy responsive to oral desensitisation and aspirin. Holdaway IM, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1565–6

Immune-mediated thrombocytopenia due to an iodinated contrast medium (diatrizoate). Shojania AM. **Can Med Assoc J** 1985 Jul 15;133(2):123

Immediate hypersensitivity to mannitol: a potential cause of apparent hypersensitivity to cisplatin [letter] Ackland SP, et al. **Cancer Treat Rep** 1985 May;69(5):562–3

Anaphylactic reactions to diaziquone. Posada JG, et al. **Cancer Treat Rep** 1984 Oct;68(10):1215–7

Cross allergenicity between penicillins and cephalosporins. Beam TR Jr, et al. **Chemioterapia** 1984 Dec;3(6):390–3

Increased risk of severe protamine reactions in NPH insulin-dependent diabetics undergoing cardiac catheterization. Stewart WJ, et al. **Circulation** 1984 Nov; 70(5):788–92

Lack of cross-allergenicity between mezlocillin and other semisynthetic penicillins. Andersen R, et al. **Clin Pharm** 1984 Nov–Dec;3(6):644–5

Severe hypersensitivity secondary to extended carbamazepine administration [letter] Rose SJ. **Clin Pharm** 1985 Jan–Feb;4(1):19, 23

Allergy to cetylalcohol. van Ketel WG. **Contact Dermatitis** 1984 Aug;11(2):125–6

Hypersensitivity reaction to mannitol. McNeill IY. **Drug Intell Clin Pharm** 1985 Jul–Aug;19(7–8):552–3

Possible reaction with NSAIDs and tartrazine [letter] Oksas RM. **Drug Intell Clin Pharm** 1985 Jun;19(6):478–9

Doxorubicin-induced hypersensitivity reactions. Solimando DA Jr, et al. **Drug Intell Clin Pharm** 1984 Oct;18(10):808–11

Serum sickness complicating intravenous streptokinase therapy in acute myocardial infarction. Alexopoulos D, et al. **Eur Heart J** 1984 Dec;5(12):1010–2

ERCP and allergic reactions to iodized contrast media [letter] Moreira VF, et al. **Gastrointest Endosc** 1985 Aug;31(4):293

Adverse reactions to protamine. Horrow JC. **Int Anesthesiol Clin** 1985 Fall;23(3):133–44

Bisulfite sensitivity manifesting as allergy to local dental anesthesia. Schwartz HJ, et al. **J Allergy Clin Immunol** 1985 Apr;75(4):525–7

Adverse reactions to drug additives. Simon RA. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 2):623–30

Penicillin allergy. Sogn DD. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 2):589–93

Bronchial reactions during psoralens and ultraviolet A (PUVA) therapy [letter] Dromgoole SH. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):894

Phenytoin hypersensitivity reaction presenting with toxic epidermal necrolysis and severe hepatitis. Report of a patient treated with corticosteroid 'pulse therapy'. Sherertz EF, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):178–81

Reported sensitivity to glass ionomer luting cements. Council on Dental Materials, Instruments, and Equipment. **J Am Dent Assoc** 1984 Sep;109(3):476

Phacoanaphylactic endophthalmitis following ECCE and IOL implantation. Apple DJ, et al. **J Am Intraocul Implant Soc** 1984 Fall;10(4):423–4

Ibuprofen (Brufen) induced bronchial asthma [letter] Sharma SK. **J Assoc Physicians India** 1984 Sep;32(9):843

IgE and IgG antibody against human (recombinant DNA) insulin in patients with systemic insulin allergy. Grammer LC, et al. **J Lab Clin Med** 1985 Jan;105(1):108–13

Sterile shunt malfunction. A scanning electron microscopic perspective. Gower DJ, et al. **J Neurosurg** 1984 Dec; 61(6):1079–84

Adverse allergic reaction to technetium-99m methylene diphosphonate. Spicer JA, et al. **J Nucl Med** 1985 Apr; 26(4):373–4

Intolerance to aspirin and the nonsteroidal anti-inflammatory drugs. Housholder GT. **J Oral Maxillofac Surg** 1985 May; 43(5):333–7

Penicillin hypersensitivity—is milk a significant hazard?: a review. Dewdney JM, et al. **J R Soc Med** 1984 Oct; 77(10):866–77 (37 ref.)

Anaphylaxis associated with chymopapain injections [letter] Battit GE. **JAMA** 1985 Feb 15;253(7):977–8

Trimethoprim-induced aseptic meningitis. Derbes SJ. **JAMA** 1984 Nov 23–30;252(20):2865–6

Hypersensitivity associated with ranitidine [letter] Khandheria BK. **JAMA** 1984 Dec 21;252(23):3252

Piperacillin and allergic rash [letter] **Lancet** 1985 Sep 28; 2(8457):723–4

Allergy to aminophylline [editorial] **Lancet** 1984 Nov 24; 2(8413):1192

Adverse reactions to pyrimethamine-sulfadoxine in context of AIDS [letter] Gottlieb MS, et al. **Lancet** 1985 Jun 15; 1(8442):1389

Alveolitis associated with nomifensine [letter] Hamm H, et al. **Lancet** 1985 Jun 8;1(8441):1328–9

Ranitidine and hepatotoxicity [letter] Lauritsen K, et al. **Lancet** 1984 Dec 22;2(8417–18):1471

Adverse reactions to carbamazepine managed by desensitisation [letter] Smith H, et al. **Lancet** 1985 Mar 30; 1(8431):753

Reaction to vecuronium bromide [letter] Spence AG, et al. **Lancet** 1985 Apr 27;1(8435):979–80

Hypersensitivity reaction to dapsone: report from Malaysia. Mohamed KN. **Lepr Rev** 1984 Dec;55(4):385–9

Cephradine-associated immune neutropenia [letter] Lawson AA, et al. **N Engl J Med** 1985 Mar 7;312(10):651

Hemolytic anemia after tetracycline therapy. Simpson MB, et al. **N Engl J Med** 1985 Mar 28;312(13):840–2

A little-known phenomenon: allergic reaction to hyaluronidase [letter] Taylor IS, et al. **Ophthalmology** 1984 Aug;91(8):1003

A case of perazine-induced enteritis—allergy or pseudoallergy? Meya U, et al. **Pharmacopsychiatry** 1985 Jul;18(4):263–6

Aspirin sensitivity in asthmatics. When may this drug be safe? Stevenson DD, et al. **Postgrad Med** 1985 Sep 1;78(3):111–3, 116–9

A proposed plan for the detection and identification of potential sensitizers. Buehler EV, et al. **Regul Toxicol Pharmacol** 1985 Mar;5(1):46–58

Allopurinol hypersensitivity. A case report. Stein CM. **S Afr Med J** 1985 Jun 8;67(23):935–6

Salad, house dressing, but hold the sulfites [news] Sun M. **Science** 1984 Nov 2;226(4674):520–1

Chymopapain-induced hypersensitivity following chemonucleolysis. Tsay YG, et al. **Spine** 1984 Oct; 9(7):769–71

Levamisole-induced hypersensitivity. A report of 2 cases. Liu YC, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Feb; 84(2):261–4

Cardiovascular dysfunction and hypersensitivity to sodium pentobarbital induced by chronic barium chloride ingestion. Kopp SJ, et al. **Toxicol Appl Pharmacol** 1985 Feb;77(2):303–14

Trial to observe the adverse reactions to alphathesin. Pitt-Miller P. **West Indian Med J** 1984 Jun;33(2):84–6

Interstitial lung disease caused by chronic nitrofurantoin reaction; case report. Qureshi MM. **Wis Med J** 1984 Sep; 83(9):20–2

[Allergic manifestation after pyquiton treatment of schistosomiasis] Liu T. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):192, 203 **(Chi)**

[Systemic anaphylaxis and allergic reactions following administration of penicillins. Report to the Committee of Adverse Drug Reactions] Hovgaard C. **Ugeskr Laeger** 1985 May 27;147(22):1791–2 **(Dan)**

[Allergy for injectable corticosteroids] de Boer EM, et al. **Ned Tijdschr Geneeskd** 1984 Aug 4;128(31):1486–7 (Eng. Abstr.) **(Dut)**

[2 cases of anaphylaxis from droperidol] Occelli G, et al. **Ann Fr Anesth Reanim** 1984;3(6):440–2 (Eng. Abstr.) **(Fre)**

[Acute renal failure caused by clometacin hypersensitivity] Lavaud S, et al. **Nephrologie** 1984;5(3):131–4 (Eng. Abstr.) **(Fre)**

[Provocation tests to local anesthetics (letter)] Allombert-Marechal G, et al. **Presse Med** 1984 Sep 15; 13(31):1903–4 **(Fre)**

[Immediate hypersensitivity to quinine] Pin I, et al. **Presse Med** 1985 Apr 27;14(17):967–9 (Eng. Abstr.) **(Fre)**

[Pneumopathy caused by hypersensitivity to isocyanates. Value and dangers of a realistic provocation test] Vergnon JM, et al. **Rev Mal Respir** 1985;2(2):83–90 (Eng. Abstr.) **(Fre)**

[Allergy to penicillin: a practical guide for the general practitioner] Jolivet M, et al. **Union Med Can** 1984 Oct; 113(10):842–7 (Eng. Abstr.) **(Fre)**

[Photoallergic reaction to carprofen] Hoting E, et al. **Derm Beruf Umwelt** 1984;32(6):215–6 (Eng. Abstr.) **(Ger)**

[Shock syndrome caused by lidocaine hydrochloride (Xylocitin)] Metzner HH, et al. **Dermatol Monatsschr** 1984; 170(10):648–51 (Eng. Abstr.) **(Ger)**

[Analgesic asthma] Slapke J, et al. **Wien Med Wochenschr** 1985 Apr 30;135(8):201–4 (Eng. Abstr.) **(Ger)**

[Allergic reaction to oral clindamycin given after topical application] Brenner S, et al. **Harefuah** 1984 Jun 15; 106(12):570 (Eng. Abstr.) **(Heb)**

[Penicillin allergy] Tamir R, et al. **Harefuah** 1984 Nov 1; 107(9):241–4 **(Heb)**

[Studies on the effect of beclomethasone dipropionate (BD) on airway hyperreactivity of patients with bronchial asthma] Kokubu F, et al. **Arerugi** 1984 Jul;33(7):403–10 (Eng. Abstr.) **(Jpn)**

[A case of intolerance to aspirin in childhood] Miyake T, et al. **Arerugi** 1985 Mar;34(3):184–9 (Eng. Abstr.) **(Jpn)**

[Anaphylactoid reaction to hydrocortisone succinate in three aspirin-sensitive asthmatic patients] Murata Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar;23(3):375–9 (Eng. Abstr.) **(Jpn)**

[Tartrazine hypersensitivity in patients with asthma and aspirin hypersensitivity] Grzelewska-Rzymowska I, et al. **Pol Arch Med Wewn** 1984 Nov;72(5):237–42 (Eng. Abstr.) **(Pol)**

[Reactions to various types of insulin in insulin-treated patients in intradermal tests] Szurkowska M, et al. **Wiad Lek** 1984 Nov 1;37(21):1674–80 (Eng. Abstr.) **(Pol)**

[Penicillin hypersensitivity: diagnosis and management] Baldy JL, et al. **AMB** 1984 Nov–Dec;30(11–12):247–52 (Eng. Abstr.) **(Por)**

[Hypersensitivity syndrome caused by phenytoins and phenobarbital] Fonseca JC, et al. **Med Cutan Iber Lat Am** 1984;12(3):187–92 (Eng. Abstr.) **(Por)**

[Allergic reactions to Arduan administration] Udachina NA, et al. **Klin Khir** 1984 Dec;(12):35–6 **(Rus)**

[Development of cardiac adenylate cyclase hypersensitivity to isoproterenol in the chronic action of propranolol on rats] Tkachuk VA, et al. **Probl Endokrinol (Mosk)** 1985 Mar–Apr;31(2):49–52 (Eng. Abstr.) **(Rus)**

[Allergic complications of antibacterial treatment in lung disease patients] Zlatanov Z, et al. **Probl Tuberk** 1985; (4):26–8 (Eng. Abstr.) **(Rus)**

[Side effects of antitubercular drugs in patients with pulmonary tuberculosis and chronic alcoholism] Rudoi NM, et al. **Sov Med** 1984;(8):7–10 (Eng. Abstr.) **(Rus)**

[Lesions of the nervous system in drug-induced illnesses] Korochkin IM, et al. **Zh Nevropatol Psikhiatr** 1984; 84(8):1172–6 (Eng. Abstr.) **(Rus)**

[Acute coronary insufficiency in anaphylactic reactions caused by drugs] Petrović M. **Srp Arh Celok Lek** 1984 Oct; 112(10):1091–8 (Eng. Abstr.) **(Scc)**

[Allergy to insulin] García-Ortega MP. **Med Clin (Barc)** 1985 Apr 6;84(13):535–7 **(Spa)**

IMMUNOLOGY

The effect of aspirin during aspirin 'desensitisation' on compound 48/80 and histamine-induced skin responses in aspirin-sensitive asthmatics. Kowalski ML, et al. **Allergy** 1985 Feb;40(2):130–5

Pathophysiologic mechanisms of allergic and pseudo-allergic reactions to foods, food additives and drugs. de Weck AL. **Ann Allergy** 1984 Dec;53(6 Pt 2):583–6 (15 ref.)

Delayed hypersensitivity in drug-induced toxic epidermal necrolysis (TEN) [letter] Wolf R, et al. **Arch Dermatol** 1984 Dec;120(12):1555

No crossover of hypersensitivity between zimelidine and fluoxetine [letter] Chouinard G, et al. **Can Med Assoc J** 1984 Nov 15;131(10):1190

Investigation of the response to some haptenic determinants in penicillin allergy by skin and in vitro allergy tests. Assem ES, et al. **Clin Allergy** 1975 Mar;5(1):43–57

Aspirin intolerance and asthmal induction of a tolerance and long-term monitoring. Dor PJ, et al. **Clin Allergy** 1985 Jan; 15(1):37–42

Challenge tests with tartrazine in patients with asthma associated with intolerance to analgesics (ASA-Triad). A comparative study with placebo. Morales MC, et al. **Clin Allergy** 1985 Jan;15(1):55–9

Diffuse interstitial lung disease associated with hypersensitivity to gold salt [letter] Bellelli A, et al. **Clin Exp Rheumatol** 1985 Apr-Jun;3(2):181–2

Risk factors for drug allergy. Adkinson NF Jr. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 2):567–72

Proteins: chymopapain and insulin. Grammer LC, et al. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 2):635–40

Aspirin-sensitive rhinosinusisits/asthma: spectrum of adverse reactions to aspirin [letter] Grzelewska-Rzymowska I, et al. **J Allergy Clin Immunol** 1985 May;75(5):629

Allergic reactions to antimicrobial agents: a review of reactions to drugs not in the beta lactam antibiotic class. Sullivan TJ. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 2):594–9

Nomifensine-induced allergic reactions [letter] Miescher PA. **Lancet** 1985 Sep 7;2(8454):551–2

A common pathway for chemical-induced tissue injury and immune responses leading to hypersensitivity and/or carcinogenesis. Weliky N, et al. **Med Hypotheses** 1985 Jan; 16(1):69–91 (97 ref.)

[Pneumonitis in guinea pigs sensitized to 2,4-dinitrochlorobenzene as an experiment of pulmonary hypersensitivity to simple chemical compounds or medicaments. Nakajima H, et al. **Osaka City Med J** 1983; 29(2):179–84

Immunology of adverse drug reactions. Witte KW, et al. **Pharmacotherapy** 1982 Jan-Feb;2(1):54–65 (47 ref.)

[Mechanisms of the liberation of mediators in immediate allergy to muscle relaxants] Vervloet D, et al. **Ann Fr Anesth Reanim** 1985;4(2):137–8 **(Fre)**

[Immunoallergic febrile reaction with hypereosinophilia after ingestion of metapramine (letter)] Gentric A, et al. **Presse Med** 1985 Jun 8;14(23):1290 **(Fre)**

[Types of bronchial reaction to analgesics] Hummel S, et al. **Z Erkr Atmungsorgane** 1984;163(1):32–5 (Eng. Abstr.) **(Ger)**

[Inhalation provocation test with lysine acetylsalicylic acid (Aspisol)—a useful method for the diagnosis of analgesic asthma] Kirsten D, et al. **Z Erkr Atmungsorgane** 1984; 163(1):36–41 (Eng. Abstr.) **(Ger)**

[The allergenic effect of propolis] Temesvári E, et al. **Orv Hetil** 1984 Dec 9;125(50):3037–9 (Eng. Abstr.) **(Hun)**

[Skin pathology induced by drugs] Ribuffo A. **Minerva Med** 1984 Aug 25;75(32–33):1871–2 **(Ita)**

[Immunomorphology of drug allergy] Tsarevskii LP. **Arkh Patol** 1984;46(10):11–8 (Eng. Abstr.) **(Rus)**

[Evans blue as an adjuvant for enhancing delayed hypersensitivity in an experiment] Podoplelov II, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):729–31 (Eng. Abstr.) **(Rus)**

[In vitro leukocytolysis test for detecting drug hypersensitivity] Danilov LN. **Lab Delo** 1984;(7):422–3 (Eng. Abstr.) **(Rus)**

[Significance of the coefficient of leukocyte movement in diagnosing an increased sensitivity to drugs] Evtod'eva MIa, et al. **Pediatriia** 1985 Jan;(1):33–4 **(Rus)**

METABOLISM

Aspirin-sensitive asthma. Slepian IK, et al. **Chest** 1985 Mar; 87(3):386–91 (50 ref.)

Intolerance to aspirin: a role for free radicals? [letter] Moneret-Vautrin DA, et al. **Lancet** 1985 Apr 20; 1(8434):929

OCCURRENCE

Drug allergy: incidence in terms of age and some drug allergens. Popescu IG, et al. **Med Interne** 1984 Jul-Sep; 22(3):195–202

PATHOLOGY

Extensive tissue ulceration due to apparent sensitivity reactions to mitomycin. Bartkowski-Dodds L, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7–8):925–7

Diphenylhydantoin-induced hypersensitivity reaction with interstitial nephritis. Matson JR, et al. **Hum Pathol** 1985 Jan;16(1):94–7

Bronchoalveolar lavage in acute drug-hypersensitivity pneumonitis probably caused by phenytoin. Munn NJ, et al. **South Med J** 1984 Dec;77(12):1594–6

[A case of severe allergic reaction to insulin in combination with insulin resistance in a diabetes mellitus patient] Zavarina OK, et al. **Ter Arkh** 1984;56(9):132–3 **(Rus)**

PHYSIOPATHOLOGY

Management of the patient with protamine hypersensitivity for cardiac surgery. Campbell FW, et al. **Anesthesiology** 1984 Dec;61(6):761–4

Neutrophil chemotactic factor of anaphylaxis (NCF-A) release in aspirin-induced asthma. Ortolani C, et al. **Clin Allergy** 1984 Sep;14(5):443–52

Bronchial hyperreactivity to histamine in aspirin sensitive asthmatics: relationship to aspirin threshold and effect of aspirin desensitisation. Kowalski ML, et al. **Thorax** 1985 Aug;40(8):598–602

Bronchial reactivity to inhaled histamine and annual rate of decline in FEV1 in male smokers and ex-smokers. Taylor RG, et al. **Thorax** 1985 Jan;40(1):9–16

[Mechanisms of aspirin intolerance] Moneret-Vautrin DA, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(5):357–63 (41 ref.) (Eng. Abstr.) **(Fre)**

[Acute drug-induced immunoallergic agranulocytosis] Vovan AT, et al. **Rev Med Interne** 1984 Nov;5(4):342–50 (47 ref.) **(Fre)**

[Drug allergy. 1: Mechanisms] Heinzl S. **Med Monatsschr Pharm** 1985 Jun;8(6):178–82 **(Ger)**

PREVENTION & CONTROL

Anti H1- and anti H2-premedication. Doenicke A, et al. **Ann Fr Anesth Reanim** 1985;4(2):214–20

Skin testing in the preoperative diagnosis of anaesthetic allergy. Fisher MM. **Ann Fr Anesth Reanim** 1985;4(2):192–4

Surgical and non-surgical dental treatments for a multi-allergic patient with meditation-hypnosis as the sole anesthetic: case report. Morse DR, et al. **Int J Psychosom** 1984;31(2):27–33

Diagnosis, prevention, and treatment of adverse reactions to aspirin and nonsteroidal anti-inflammatory drugs. Stevenson DD. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 2):617–22

No increase in allergic reactions with intracavitary administration of cisplatin [letter] Markman M. **Lancet** 1984 Nov 17;2(8412):1164

Failure of prednisolone to suppress carbamazepine hypersensitivity [letter] Hampton KK, et al. **N Engl J Med** 1985 Oct 10;313(15):959

A preoperative chymopapain sensitivity test for chemonucleolysis candidates. Tsay YG, et al. **Spine** 1984 Oct;9(7):764–8

THERAPY

Allopurinol hypersensitivity in a patient with severe, chronic, tophaceous gout. Webster E, et al. **Arthritis Rheum** 1985 Jun;28(6):707–9

Managing generalised insulin hypersensitivity. Chee YC. **Asian Pac J Allergy Immunol** 1984 Jun;2(1):113–5

Management of adverse drug reactions. Sheffer AL, et al. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 2):580–8

Penicillin allergy and desensitization in serious infections during pregnancy. Wendel GD Jr, et al. **N Engl J Med** 1985 May 9;312(19):1229–32

[Treatment of allergy to monocomponent porcine and bovine insulin with monocomponent human insulin] Bruni B, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):173–9 (Eng. Abstr.) **(Ita)**

VETERINARY

Hypersensitivity reactions induced by antimicrobial drugs. Davis LE. **J Am Vet Med Assoc** 1984 Nov 15; 185(10):1131–6

Sulfadiazine-induced allergy in six Doberman pinschers. Giger U, et al. **J Am Vet Med Assoc** 1985 Mar 1; 186(5):479–84

DRUG IMPLANTS

Implantable infusion pumps. Buchwald H, et al. **Adv Surg** 1984;18:177–221 (97 ref.)

Microcontrolled release of biologically active compounds in chick embryos: beads of 200-microns diameter for the local release of retinoids. Eichele G, et al. **Anal Biochem** 1984 Nov 1;142(2):542–55

Drug delivery from catalysed erodible polymeric matrices of poly(ortho ester)s. Shih C, et al. **Biomaterials** 1984 Jul; 5(4):237–40

Pharmacological and therapeutic aspects of drug administration by rate-controlled drug delivery systems: steady-state pharmacology. Urquhart J. **Boll Chim Farm** 1984 Apr;123(4):155–68 (30 ref.)

Modulated release from polymeric drug delivery systems using oscillating magnetic fields: in vitro and in vivo characteristics. Edelman ER, et al. **Trans Am Soc Artif Intern Organs** 1984;30:445–9

[Relationship between geometry and drug liberation in implants] Stahlkopf W, et al. **Pharmazie** 1985 Jan;40(1):63–4 **(Ger)**

[Perfusion of the peridural, peri- and subarachnoid spaces: our experience with Infusaid and Mocavero capsules] Mocavero G, et al. **Minerva Anestesiol** 1984 Nov; 50(11):581–5 (Eng. Abstr.) **(Ita)**

[Use of biocompatible resorptive films with drug fillers in abdominal surgery] Milonov OB, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):89–93 (Eng. Abstr.) **(Rus)**

[Subcutaneous implantation of gestagens. A new alternative for safe contraception] Odlind V, et al. **Lakartidningen** 1984 Sep 26;81(39):3494–6 **(Swe)**

ADVERSE EFFECTS

[Risk of current methods in contraception] Zufferey MM. **Rev Med Suisse Romande** 1985 Feb;105(2):147–50 **(Fre)**

DRUG INCOMPATIBILITY

[The compatible precipitation of Chinese drugs] Sun QM. **Chung Yao Tung Pao** 1985 Jan;10(1):26–30 **(Chi)**

DRUG INDUSTRY

Industrial pharmacy residency [letter] Greco CM. **Am J Hosp Pharm** 1985 Aug;42(8):1710

Ethics and integrity of the drug supply [editorial] Zellmer WA. **Am J Hosp Pharm** 1985 Aug;42(8):1715

Pharmaco-epidemiology—drugs, arthritis, and neoplasms: industry contribution to the data. Tilson HH, et al. **Am J Med** 1985 Jan 21;78(1A):69–76

Adopt an orphan disease: hemochromatosis. Bacon WR. **Am Pharm** 1984 Sep;NS24(9):58–9

Drug development: risks and problems. Azarnoff DL, et al. **Ann NY Acad Sci** 1984;432:279–85 (24 ref.)

Drug safety—the role of doctors, pharmaceutical companies and the medical press. Goldberg A. **Br J Clin Pract** 1985 Jan;39(1):5–6

Doctors and the drug industry in Sweden. Smith R. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):448–50

Excipients and additives [letter] **Can Med Assoc J** 1985 Jul 15;133(2):93

Is there a future for homeopathy? Korock M. **Can Med Assoc J** 1985 Apr 1;132(7):840–1, 844, 846-8 passim

Cardiovascular medicine: opportunities for enhanced university-industry collaboration. November 1983, Newport Beach, California. **Circulation** 1985 Aug;72(2 Pt 2):I1–56

Academic-industrial relations in the United Kingdom. Dollery CT. **Circulation** 1985 Aug;72(2 Pt 2):I51–2

The pharmaceutical industry and academic medicine: opportunities for physician collaboration. Jefferis JE. **Circulation** 1985 Aug;72(2 Pt 2):I21–4

Shared responsibility in clinical research. Nightingale SL. **Circulation** 1985 Aug;72(2 Pt 2):I25–30

Industry and academia in collaboration: the Pfizer experience. Price FD. **Circulation** 1985 Aug;72(2 Pt 2):I13–7

The pharmaceutical industry and academic medicine in collaboration. Wroblewski R. **Circulation** 1985 Aug;72(2 Pt 2):I3–7

Success rates in the United States drug development system. Sheck L, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):574–83

Medicines and people in the Third World—the role of the industry. The Association of the Danish Pharmaceutical Industry (MEFA). **Dan Med Bull** 1984 Nov;31 Suppl 1:6-8

The drug industry and the underdevelopment of health. Doyal L. **Dan Med Bull** 1984 Nov;31 Suppl 1:8–10

The interactions between the drug industry and the prescribers and their effects on the quality and quantity of drugs [editorial] Juma FD. **East Afr Med J** 1984 Nov; 61(11):793–6

Strategies in pharmaceutical research. Janssen PA. **Endeavour** 1985;9(1):28–33

Physicians as employees of the pharmaceutical industry. Berde B. **Eur J Clin Pharmacol** 1985;28(4):363–5

Occupational lung disease following long-term inhalation of pancreatic extracts. Wiessmann KJ, et al. **Eur J Respir Dis** 1985 Jan;66(1):13–20

Tablet identification: a study of preparations marketed in Ireland. Houston M, et al. **Fam Pract** 1985 Mar;2(1):46-7

Orphan Drugs Information Center. **FDA Drug Bull** 1985 Apr; 15(1):9–10

The pharmaceutical industry's experiment with a consumer advisory panel: an inside view. Barnes NG. **Health Care Manage Rev** 1984 Fall;9(4):7–10

Information requirements for chemists in the pharmaceutical industry. Brown HD. **J Chem Inf Comput Sci** 1984 Aug; 24(3):155–8

Academic-industrial clinical pharmacology: a working model. Ferguson RK, et al. **J Clin Pharmacol** 1985 Jan-Feb; 25(1):4–7

View from the Nation's Capitol. Freishtat HW. **J Clin Psychopharmacol** 1982 Jun;2(3):219–20

View from the Nation's Capital. Romansky MA. **J Clin Psychopharmacol** 1984 Jun;4(3):161–2

View from the Nation's Capital. Romansky MA. **J Clin Psychopharmacol** 1983 Feb;3(1):47–8

Primates—requirements by the pharmaceutical industry. Walcroft MJ. **J Med Primatol** 1983;12(1):1–7

New Jersey's pharmaceutical industry. Hutner G. **J Med Soc NJ** 1985 Jan;82(1):19–24

Airborne contact urticaria due to sodium benzoate in a pharmaceutical manufacturing plant. Nethercott JR, et al. **J Occup Med** 1984 Oct;26(10):734–6

Development of a U.S.P. Type I glass for the pharmaceutical industry. Abendroth RP. **J Parenter Sci Technol** 1985 May-Jun;39(3):112–3

Retrospective view of the interfacial relationship of the pharmaceutical industry with the Food and Drug Administration and the United States Pharmacopeia. Hammer HF. **J Parenter Sci Technol** 1984 Jul-Aug; 38(4):159–63

Therapeutic orphans [editorial] **Lancet** 1985 Sep 28; 2(8457):702–3

Legibility of advertisements [letter] **Lancet** 1984 Dec 15; 2(8416):1396-7

Ethics of drug marketing [letter] **Lancet** 1985 Jan 19; 1(8421):166-7

Misleading advertisements: sanctions and corrections [letter] Collier J. **Lancet** 1984 Nov 10;2(8411):1097-8

Impact of national drug policy [letter] Hasan M. **Lancet** 1985 Aug 17;2(8451):391-2

Butazones under fire [letter] Herxheimer A, et al. **Lancet** 1985 Mar 9;1(8428):580

Pharmaceutical companies and unexpected drug side-effects [letter] Iwarson S. **Lancet** 1985 Mar 9;1(8428):580

Anti-inflammatory drugs under fire. Loshak D. **Lancet** 1985 Feb 16;1(8425):410

Doctors and the drug makers [letter] Rawlins MD. **Lancet** 1984 Oct 6;2(8406):814

Should Australia run drugs? [editorial] Andrews PR. **Med J Aust** 1984 Sep 15;141(6):324-5

Undesirable marketing practices in the pharmaceutical industry [letter] Miller K, et al. **N Engl J Med** 1985 Jul 4;313(1):54

One drug company's sales techniques [letter] Murphy PA. **N Engl J Med** 1985 Jul 25;313(4):270

Industry-university co-operation. Experiences, possibilities and problems as seen from a Swedish perspective. Agurell S. **Pharm Weekbl [Sci]** 1985 Apr 26;7(2):42-5

Backing the winners and the research infrastructure. Leliveld H. **Pharm Weekbl [Sci]** 1985 Apr 26;7(2):51-4

University-industry: a happy match? Wiedhaup K. **Pharm Weekbl [Sci]** 1985 Apr 26;7(2):46-50

What a director of pharmacology looks for in a physiologist. Kaplan HR. **Physiologist** 1984 Oct;27(5):356-7

Personal viewpoints of a physiologist. Lee KS. **Physiologist** 1984 Oct;27(5):353-4

Initiation of a career in pharmaceutical industries. As a Ph.D. physiologist. Seymour AA. **Physiologist** 1984 Oct;27(5):353

Careers in pharmaceutical industry for physiologists. Personal viewpoints. Silver PJ. **Physiologist** 1984 Oct; 27(5):355-6

Biotechnology in pharmaceuticals: the Japanese challenge. Dibner MD. **Science** 1985 Sep 20;229(4719):1230-5 (35 ref.)

Generics, Roche joust for Valium market [news] Sun M. **Science** 1985 Apr 26;228(4698):472-3

Cooperation between developing countries and the pharmaceutical industry in the control of parasitic diseases: a proposal for a practical approach. Van Belle N. **Soc Sci Med** 1984;19(10):1109-11

Physicians' responsibility in the drug development process. Riess DY. **South Med J** 1984 Sep;77(9):1157-9

[Harmful effects of drugs. Liability of the manufacturers against insurance claims for damages] Dahl B. **Ugeskr Laeger** 1984 Sep 3;146(36):2726-8 **(Dan)**

[Collaboration between the research center of a pharmaceutical firm and public emergency structures for better safety of phase I and II clinical pharmacology studies (letter)] Larcan A, et al. **Therapie** 1985 Jul-Aug;40(4):263-4 **(Fre)**

[Drug research in the university and in industry] Forth W. **Naturwissenschaften** 1984 Sep;71(9):468-72 (Eng. Abstr.) **(Ger)**

[Cooperative research work between university hospitals and the pharmaceutical industry. With special reference to subspecialization within internal medicine and surgery] Burhol G. **Tidsskr Nor Laegeforen** 1985 Feb 28; 105(6):438-9 (Eng. Abstr.) **(Nor)**

[Physicians in the drug industry] Flaten O. **Tidsskr Nor Laegeforen** 1985 Feb 28;105(6):440-1 (Eng. Abstr.) **(Nor)**

[Spectrophotometric method of determining phenoxymethylpenicillin in the air] Churagulova NK. **Antibiot Med Biotekhnol** 1985 Feb;30(2):99-101 (Eng. Abstr.) **(Rus)**

[Utilization of mycelial waste of antibiotic production in the technology of kilned construction materials] Karpukhin VF, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):32-5 (Eng. Abstr.) **(Rus)**

[Occupational health in the principal chemico-pharmaceutical enterprises] Dzhezhev A, et al. **Gig Sanit** 1984 Sep;(9):71-4 **(Rus)**

[Allergic retinovasculitis in patients with occupational pathology caused by antibiotics (penicillin and streptomycin)] Karacharova SV. **Oftalmol Zh** 1985; (2):100-1 (Eng. Abstr.) **(Rus)**

[Characteristics of the oral microflora in workers in the manufacture of tetracycline] Kochetkova MG, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):79 **(Rus)**

ECONOMICS

Role of the pharmaceutical industry in health care cost containment. Craine RB Jr. **Am J Cardiol** 1985 Aug 23; 56(5):43C-46C

Evaluating group purchasing through a prime vendor. Johnson LH, et al. **Am J Hosp Pharm** 1984 Sep; 41(9):1783-8

Observations on the economics of drug prescribing in developing countries. Baker N. **East Afr Med J** 1984 Dec; 61(12):907-8

View from the Nation's Capital. Freishtat HW. **J Clin Psychopharmacol** 1985 Apr;5(2):117-9

Running drugs in Australia [letter] Flicker W. **Med J Aust** 1984 Dec 8-22;141(12-13):898

Effects of promotion on pharmaceutical demand. Mackowiak JI, et al. **Soc Sci Med** 1985;20(11):1191-7

HISTORY

Arthur Tatum, Parke-Davis, and the discovery of Mapharsen as an antisyphilitic agent. Swann JP. **J Hist Med Allied Sci** 1985 Apr;40(2):167-87

[40 years of the Czechoslovak pharmaceutical industry] Chromík J. **Cesk Farm** 1985 Jun;34(5):161-2 **(Cze)**

[Czechoslovakian mass-produced external dermatologic agents and trends in their development during the past 30 years] Melichar M. **Cesk Farm** 1984 Dec;33(10):433-9 (Eng. Abstr.) **(Cze)**

STANDARDS

Control aspects of aseptically produced products. Avallone HL. **J Parenter Sci Technol** 1985 Mar-Apr;39(2):75-9

Phase IV research by pharmaceutical companies. Hakkarainen H, et al. **Pharmacopsychiatry** 1984 Sep; 17(5):168-75

[Microbiological in-process control in drug manufacture] Seyfarth VH. **Arzneimittelforsch** 1985;35(1A):205-16 (Eng. Abstr.) **(Ger)**

[Standards of acceptable manufacturing and inspection methods] Battaglino G. **Boll Chim Farm** 1984 Jun; 123(6):247-62 **(Ita)**

[Guidelines for introducing new drugs for medical use in Poland and control of their quality] Danysz A. **Pol Tyg Lek** 1984 Dec 17-31;39(51-52):1673-4 **(Pol)**

[Hygienic evaluation and improving working conditions at a ampicillin trihydrate plant] Karpenko LZ. **Gig Tr Prof Zabol** 1984 Oct;(10):34-6 **(Rus)**

DRUG INFORMATION SERVICES

Antineoplastic drug information and handling guidelines for office-based physicians. Scott SA. **Am J Hosp Pharm** 1984 Nov;41(11):2402-3

A computerised drug information system for general practice. Leech ML, et al. **Aust Fam Physician** 1985 Mar;14(3):202-3

Drug information issues: a Caribbean perspective. Fraser HS. **Bull Pan Am Health Organ** 1984;18(4):359-63

Educating physicians in the use of pharmaceuticals. Kaplan NM. **Circulation** 1985 Aug;72(2 Pt 2):I31-5

Drug information roots: the influence of education and training on the philosophy and activities of hospital- and pharmacy school-based drug information services. Lyon RA, et al. **Drug Intell Clin Pharm** 1985 May;19(5):390-4

Community pharmacists as drug information advisers [letter] Miller DR, et al. **Drug Intell Clin Pharm** 1985 Feb; 19(2):140-1

A toxicology databank based on animal safety evaluation studies of pharmaceutical compounds. Lumley CE, et al. **Hum Toxicol** 1985 Jul;4(4):447-59

An experimental evaluation of a drug education course. Moskowitz JM, et al. **J Drug Educ** 1984;14(1):9-22

Effects of teacher preparation and student age on an alcohol and drug education curriculum. Newman IM, et al. **J Drug Educ** 1984;14(1):23-36

Registry pools reports on ocular side effects [news] Cole H. **JAMA** 1985 Oct 4;254(13):1690

Persistence of improvement in antibiotic prescribing in office practice. Ray WA, et al. **JAMA** 1985 Mar 22-29; 253(12):1774-6

Is better feedback a major stimulus to spontaneous adverse reaction monitoring? [letter] Griffin JP. **Lancet** 1984 Nov 10;2(8411):1098

Chloroquine poisoning [letter] MacIntosh D. **NZ Med J** 1984 Oct 24;97(766):737

Regional poison centers: helpful resources for businesses. Kurt TL. **Occup Health Saf** 1985 Feb;54(2):38

The Lithium Information Center: an efficient information service. Baudhuin MG, et al. **Pharmacol Biochem Behav** 1984;21 Suppl 1:109-11

Information and education: valuable tools in prevention of birth defects. Larsson KS. **Prog Clin Biol Res** 1985; 163C:341-4

[Significance of age, sex, kidney function, atopy and number of prescriptions for the occurrence of adverse drug reactions, studied by multivariate statistical methods. Results from the Comprehensive Hospital Drug Monitoring Berne (CHDMB)] Hoigné R, et al. **Schweiz Med Wochenschr** 1984 Dec 8;114(49):1854-7 (Eng. Abstr.) **(Ger)**

[Project SIDAF: analysis and design of an information system for the drug sector of the National Health Service] Raschetti R, et al. **Ann Ist Super Sanita** 1983;19(2-3):339-49 (Eng. Abstr.) **(Ita)**

[ADP-based drug information. The Felles catalog in a freetext system] Ostbye T. **Tidsskr Nor Laegeforen** 1985 May 10;105(13):895-7 (Eng. Abstr.) **(Nor)**

[The Norwegian Drug and Therapeutic Formulary. The results of a questionnaire inquiry] Vennerød AM, et al. **Tidsskr Nor Laegeforen** 1985 Jun 20;105(17-18):1257-60 (Eng. Abstr.) **(Nor)**

ORGANIZATION & ADMINISTRATION

National audit of drug information centers. Dombrowski SR, et al. **Am J Hosp Pharm** 1985 Apr;42(4):819-26

Regional hospital pharmacy information index. Ensom RJ, et al. **Am J Hosp Pharm** 1985 Jan;42(1):119-21

Drugman—a computerized supplement to a hospital's drug information newsletter. Mok MP, et al. **Am J Hosp Pharm** 1985 Jul;42(7):1565-7

Computer-generated drug information notices for nurses. Parker WB, et al. **Am J Hosp Pharm** 1985 May;42(5):1113-4

Development of a shared database for drug information in the United Kingdom [letter] Rogers ML. **Am J Hosp Pharm** 1985 Aug;42(8):1702, 1706

Lithium Information Center: The Lithium Library revisited. Greist JH, et al. **J Clin Psychiatry** 1985 Aug;46(8):327-31

STANDARDS

Are consumers provided with adequate information on the actions and uses of ipecacuanha syrup? Harris LA, et al. **Med J Aust** 1985 Jun 24;142(13):690-3

UTILIZATION

Drug information requests from practitioners outside an institution [letter] Isetts B, et al. **Am J Hosp Pharm** 1984 Sep;41(9):1760-1

Survey of consumer users of a statewide drug information service. Smith GH, et al. **Am J Hosp Pharm** 1985 Jul; 42(7):1557-61

Information requirements for chemists in the pharmaceutical industry. Brown HD. **J Chem Inf Comput Sci** 1984 Aug; 24(3):155-8

Drug information inquiries—who asks what and where are the answers? Morrow NC, et al. **J Clin Hosp Pharm** 1984 Dec;9(4):321-31

DRUG INSURANCE see **INSURANCE, PHARMACEUTICAL SERVICES**

DRUG INTERACTIONS

Nonprescription drugs and drug interactions [editorial] **Am Fam Physician** 1985 Apr;31(4):97-8

Potential drug interactions in surgical patients. Durrence CW 3d, et al. **Am J Hosp Pharm** 1985 Jul;42(7):1553-6

Changes of methodology and their potential effects on data banks for drug effects on clinical laboratory tests. Evans GO. **Ann Clin Biochem** 1985 Jul;22 (Pt 4):397-401

Drug interactions measured through taste aversion procedures with an emphasis on medical implications. Revusky S. **Ann NY Acad Sci** 1985;443:250-71

Dietary interactions involving the trace elements. Mills CF. **Annu Rev Nutr** 1985;5:173-93 (139 ref.)

Clinically desirable drug interactions. Caranasos GJ, et al. **Annu Rev Pharmacol Toxicol** 1985;25:67-95 (111 ref.)

Quantification of the characteristics of antagonists exhibiting both competitive antagonism and functional interaction. Hughes IE, et al. **Br J Pharmacol** 1985 May;85(1):271-5

Interactions affecting drug absorption. Welling PG. **Clin Pharmacokinet** 1984 Sep-Oct;9(5):404-34 (213 ref.)

Drug interactions in anesthesia. Cooke JE. **Clin Plast Surg** 1985 Jan;12(1):83-9 (18 ref.)

An expert system for information on pharmacology and drug interactions. Roach J, et al. **Comput Biol Med** 1985; 15(1):11-23

Adverse interactions of drugs in critical care patients. Zarowitz B, et al. **Henry Ford Hosp Med J** 1985;33(1):48-56 (76 ref.)

Drug interactions in alcoholic patients. Marco LA, et al. **Hillside J Clin Psychiatry** 1981;3(1):27-44

Nutrient interaction with drugs and other xenobiotics. Hayes JR, et al. **J Am Diet Assoc** 1985 Mar;85(3):335-9

An assessment of the suitability of a modified technique of in situ rat-liver perfusion for the study of certain hepatic drug-drug interactions. Maguire TA, et al. **J Pharmacol Methods** 1984 Dec;12(4):265-83

The expected effect of a combination of agents: the general solution. Berenbaum MC. **J Theor Biol** 1985 Jun 7; 114(3):413-31

[Interactions between drugs and prostaglandins] Tokola O. **Duodecim** 1984;100(16):974-7 **(Fin)**

[Drug interactions] Vodoz A. **Rev Med Suisse Romande** 1984 Dec;104(12):981-90 **(Fre)**

[Potential drug interactions in elderly patients receiving home care] Blondeau F, et al. **Union Med Can** 1984 Aug; 113(8):666-70 (Eng. Abstr.) **(Fre)**

DRUG LABELING

The wrong syringe [letter] Grant G. **Anaesth Intensive Care** 1984 Aug;12(3):271

Be aware and read [letter] Kalish MA. **Anesth Analg** 1985 Feb;64(2):179

Excipients and additives [letter] **Can Med Assoc J** 1985 Jul 15;133(2):93

Phenytoin revisited. Finkel MJ. **Clin Ther** 1984;6(5):577-91 (57 ref.)

The effectiveness of four education strategies in the elderly. Ascione FJ, et al. **Drug Intell Clin Pharm** 1984 Nov; 18(11):926-31

Impact on perception of side effects [letter] Meyer LE, et al. **Drug Intell Clin Pharm** 1985 Mar;19(3):213

The oral contraceptive PPI: its effect on patient knowledge, feelings, and behavior. Sands CD, et al. **Drug Intell Clin Pharm** 1984 Sep;18(9):730-5

Tablet identification: a study of preparations marketed in Ireland. Houston M, et al. **Fam Pract** 1985 Mar;2(1):46-7

Attitudes of physicians, pharmacists, and laypersons toward seriousness and need for disclosure of prescription drug side effects. Keown C, et al. **Health Psychol** 1984;3(1):1-11

View from the Nation's Capitol. Freishtat HW. **J Clin Psychopharmacol** 1982 Jun;2(3):219-20

View from the Nation's Capital. Romansky MA. **J Clin Psychopharmacol** 1983 Feb;3(1):47-8

The FDA and drug uses: reprise [letter] Nightingale SL. **JAMA** 1985 Feb 1;253(5):632

What's in a name? [letter] Kravath RE, et al. **Lancet** 1985 Apr 27;1(8435):983

Phenylbutazone [letter] Mansfield P. **Med J Aust** 1985 Sep 2;143(5):219-20

Drug labeling for teratogenicity: requirements of the U.S. Food and Drug Administration. Kelsey FO. **Prog Clin Biol Res** 1985;163C:155-9

Proper and improper interpretation of drug and chemical information. Workshop summary. Tuchmann-Duplessis H. **Prog Clin Biol Res** 1985;163C:145-6

Mislabeling of commercial fibrinogen preparations: bovine or human? Mihalyi E, et al. **Thromb Res** 1984 Sep 15; 35(6):725-8

Anticoccidials and turkeys [letter] Wilson JD. **Vet Rec** 1985 Mar 16;116(11):302

METHODS

Using graphics printers for prescription labels [letter] Radin NS. **Am J Hosp Pharm** 1985 Jul;42(7):1508

Labeling of ibuprofen for over-the-counter use [letter] Nashel DJ, et al. **N Engl J Med** 1985 Feb 7;312(6):377

STANDARDS

Effect on moisture permeability of typewriting on unit dose package surfaces. Rackson JT, et al. **Am J Hosp Pharm** 1984 Oct;41(10):2071-3

Package inserts for antituberculosis drugs and tuberculins [editorial] Snider DE Jr, et al. **Am Rev Respir Dis** 1985 Jun;131(6):809-10

Are consumers provided with adequate information on the actions and uses of ipecacuanha syrup? Harris LA, et al. **Med J Aust** 1985 Jun 24;142(13):690-3

[Massive hyperanticoagulation following the therapeutic recommendations of a thromboplastin retailer (letter)] van den Besselaar AM, et al. **Dtsch Med Wochenschr** 1985 Jun 7;110(23):937-8 (Ger)

DRUG LAWS see **LEGISLATION, DRUG**

DRUG PACKAGING

Time and cost comparison of four methods of filling drug manufacturers' piggyback bottles. Anderson ER Jr, et al. **Am J Hosp Pharm** 1985 May;42(5):1083-6

Determination of 9,10-epoxystearate ester in intravenous solutions stored in poly(vinyl chloride) bags, using gas chromatography-single-ion monitoring mass spectrometry. Ulsaker GA, et al. **Analyst** 1984 Jul;109(7):967-8

Validation of utilization of glass vials for preparing of lyophilized drugs. Lencioni E, et al. **Boll Chim Farm** 1985 Mar;124(3):101-8

Cabbages and condoms: packaging and channels of distribution. Potts M. **Clin Obstet Gynaecol** 1984 Dec; 11(3):799-809

Contamination from therapeutic 131I capsules. Shearer DR, et al. **Health Phys** 1985 Jul;49(1):81-3

CDC recommendation clarified [letter] Garner JS, et al. **Infect Control** 1984 Sep;5(9):419

Multiple-dose vials: persistence of bacterial contaminants and infection control implications. Longfield RN, et al. **Infect Control** 1985 May;6(5):194-9

Tamper-resistant packaging: is it elder-resistant, too? Sherman FT. **J Am Geriatr Soc** 1985 Feb;33(2):136-41

Compatibility and stability of TPN mixtures in big bags. Allwood MC. **J Clin Hosp Pharm** 1984 Sep;9(3):181-98 (87 ref.)

Joint vendor/user approach to stopper selection. Farley JJ. **J Parenter Sci Technol** 1985 May-Jun;39(3):139-44

A wide pH range stopper for improved particulate quality in parenteral solutions. Knapp JZ, et al. **J Parenter Sci Technol** 1984 Jul-Aug;38(4):128-38

Microwave coupled plasma sterilization and depyrogenation II. Mechanisms of action. Peeples RE, et al. **J Parenter Sci Technol** 1985 Jan-Feb;39(1):9-15

Microwave coupled plasma sterilization and depyrogenation I. System characteristics. Peeples RE, et al. **J Parenter Sci Technol** 1985 Jan-Feb;39(1):2-8

Glass and rubber closure effects on the pH of water II. A proposed mechanism of interaction. Preston WA, et al. **J Parenter Sci Technol** 1985 Jan-Feb;39(1):28-47

Leaching of zinc compound from rubber stoppers into the contents of automatic atropine injectors. Ellin RI, et al. **J Pharm Sci** 1985 Jul;74(7):788-90

Mass and heat transfer in vial freeze-drying of pharmaceuticals: role of the vial. Pikal MJ, et al. **J Pharm Sci** 1984 Sep;73(9):1224-37

Hazard of potassium chloride solution [letter] Hawkins C. **Lancet** 1985 Sep 7;2(8454):552

Hazard of potassium chloride solution [letter] Rendell-Baker L, et al. **Lancet** 1985 Aug 10;2(8450):329

[Migrations between plastic containers and liquid pharmaceutical dosage forms: general criteria for the study, and methods of detection] Pellerin F, et al. **Ann Pharm Fr** 1984;42(1):15-25 (Eng. Abstr.) (Fre)

[Determination of the aluminum content of plastic materials for packaging extracorporeal dialysis solutions: study of the transfer between container and contents] Postaire E, et al. **Ann Pharm Fr** 1984;42(2):113-21 (Eng. Abstr.) (Fre)

[Plastic packs for drug preparations containing volatile oils. 88. Problems in filling plastic containers with liquid drug preparations] Döge EM, et al. **Pharmazie** 1984 Jun; 39(6):423-4 (Ger)

[Extraction behavior of polypropylenes. 87. Problems in the use of plastic containers for fluid drugs] Schleuder M, et al. **Pharmazie** 1984 Aug;39(8):553-6 (Eng. Abstr.) (Ger)

[Selected procedures for the manufacture of containers for the production of drugs containing volatile elements. 90. Problems in the filling of plastic drug containers with fluid drug preparations] Wollmann H, et al. **Pharmazie** 1985 May;40(5):295-304 (Ger)

[Desorption behavior of carrier free tritium from the inner surface of a glass ampoule] Saeki M, et al. **Radioisotopes** 1984 Nov;33(11):776-9 (Eng. Abstr.) (Jpn)

[Studies on a plastic container for aqueous infusion] Kikuchi M, et al. **Yakugaku Zasshi** 1984 May;104(5):472-8 (Eng. Abstr.) (Jpn)

[Sterilization of packages using radiation. I. Microbiological studies] Czerniawski E, et al. **Polim Med** 1983; 13(3-4):117-23 (Eng. Abstr.) (Pol)

METHODS

[Studies on moisture protection for powder preparations: effect of heating plate temperature in automatic packaging process on moisture permeation] Takayama A, et al. **Yakugaku Zasshi** 1984 Nov;104(11):1174-80 (Eng. Abstr.) (Jpn)

STANDARDS

ASHP technical assistance bulletin on single unit and unit dose packages of drugs. **Am J Hosp Pharm** 1985 Feb; 42(2):378-9

Packaging requirements for investigational agents [letter] Goldfrank LR, et al. **Am J Hosp Pharm** 1985 Feb;42(2):273, 276

Facilitating aseptic mixing of sterile substances [letter] Ing TS, et al. **Am J Hosp Pharm** 1985 Jul;42(7):1511

TRENDS

Safety closures after fifteen years. Maroncelli R, et al. **Vet Hum Toxicol** 1984;26 Suppl 2:16-7

DRUG RECALL see **LEGISLATION, DRUG**

DRUG RECEPTORS see **RECEPTORS, DRUG**

DRUG RESISTANCE

Potential limitations of in vitro clonogenic drug sensitivity assays. Dong GW, et al. **Cancer Chemother Pharmacol** 1984; 13(3):206-10

Gene amplification in Djungarian hamster cell lines possessing decreased plasma membrane permeability for colchicine and some other drugs. Gudkov AV, et al. **Chromosoma** 1985;92(1):16-24

Effect of 12-O-tetradecanoylphorbol-13-acetate on selection of drug-resistant phenotypes in rodent cells. Bojan F, et al. **IARC Sci Publ** 1984;(56):265-73

Mechanisms of aminoglycoside-resistance of Streptomyces harboring resistant genes obtained from antibiotic-producers. Matsuhashi Y, et al. **J Antibiot (Tokyo)** 1985 Feb;38(2):279-82

Gene amplification-associated cytogenetic aberrations and protein changes in vincristine-resistant Chinese hamster, mouse, and human cells. Meyers MB, et al. **J Cell Biol** 1985 Feb;100(2):588-97

Cells resistant to cytotoxic drugs are recognized by monoclonal antibody. O'Hara CJ, et al. **J Clin Immunol** 1984 Sep;4(5):403-11

Genetic aspects of aflatoxin B1 resistance in Drosophila melanogaster. Chinnici JP, et al. **J Hered** 1985 Mar-Apr; 76(2):85-8

Ways with drug resistance [news] **Nature** 1984 Sep 20-26; 311(5983):208

Acquired resistance against gold(III)-chloride in cultured human cells. Glennås A, et al. **Scand J Rheumatol** 1985; 14(1):25-32

Isolation and genetic characterization of human KB cell lines resistant to multiple drugs. Akiyama S, et al. **Somatic Cell Mol Genet** 1985 Mar;11(2):117-26

DRUG RESISTANCE, MICROBIAL

see related
MICROBIAL SENSITIVITY TESTS

Studies on coagulase-negative staphylococci in patients undergoing cardiac surgery. Different hypotheses for the origin of multiply-resistant isolates. Hansen BG, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Apr; 93(2):99-104

Antibiotic-resistant bacteria in wild primates: increased prevalence in baboons feeding on human refuse. Rolland RM, et al. **Appl Environ Microbiol** 1985 Apr;49(4):791-4

Changes in nongonococcal septic arthritis: drug abuse and methicillin-resistant Staphylococcus aureus. Ang-Fonte GZ, et al. **Arthritis Rheum** 1985 Feb;28(2):210-3

Common bacterial pathogens and resistance to antibiotics [letter] Kelly MJ. **Br Med J [Clin Res]** 1984 Nov 24; 289(6456):1456

Antibiotic policy. Atukorala SD. **Ceylon Med J** 1983 Dec; 28(4):215-25

Determination of the spectrum of antibiotic resistance of the 'Bacillus subtilis' strains of Enterogermina. Ciffo F. **Chemioterapia** 1984 Feb;3(1):45-52

Resistance to beta-lactam antibacterial agents in hospitals. Gelmi M, et al. **Chemioterapia** 1985 Jun;4(3):209-13

Influence of temocillin on colonisation resistance and consequences for therapy. De Vries-Hospers HG, et al. **Drugs** 1985;29 Suppl 5:227-33

A survey of temocillin sensitivity of strains resistant to newer beta-lactam antibiotics. Focht J, et al. **Drugs** 1985;29 Suppl 5:78-84

Temocillin. In vitro antibacterial activity. Slocombe B, et al. **Drugs** 1985;29 Suppl 5:49-56

Temocillin sensitivity of Enterobacteriaceae species resistant to cefotaxime. Verbist L. **Drugs** 1985;29 Suppl 5:38-42

Induction of ermC requires translation of the leader peptide. Dubnau D. **EMBO J** 1985 Feb;4(2):533-7

Antibiotic resistance of Pseudomonas aeruginosa colonizing a urinary catheter in vitro. Nickel JC, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):213-8

Acetylation of astromicin by the aminoglycoside 6'-N-acetyltransferase of a gentamicin-resistant S. aureus. Okubo T, et al. **J Antibiot (Tokyo)** 1985 Jan;38(1):122-5

The generation of additional antibiotic resistance by protoplast regeneration of a Streptomyces griseus strain. Yamashita F, et al. **J Antibiot (Tokyo)** 1985 Jan;38(1):126-7

Conjugally-acquired antibiotic resistance: are plasmids always present? Howe TG. **J Antimicrob Chemother** 1984 Dec;14(6):570-3 (36 ref.)

Comparative activity of the penem antibiotic Sch 34343 against gram-negative and gram-positive bacteria with special reference to multiresistant strains. Kayser FH, et al. **J Antimicrob Chemother** 1985 Jun;15 Suppl C:137-46

Trimethoprim resistance in urinary coliforms from patients in the community: plasmids and R-transfer. Kraft CA, et al. **J Antimicrob Chemother** 1985 Mar;15(3):311-7

Evaluation of the resistance mechanisms of gentamicin-resistant Gram-negative bacilli and their susceptibility to tobramycin, netilmicin and amikacin. Maes P. **J Antimicrob Chemother** 1985 Mar;15(3):283-9

Sensitivity and resistance to antifungals. Speller DC, et al. **J Antimicrob Chemother** 1985 May;15(5):514-7

Posttranscriptional regulation of the inducible nonenzymatic chloramphenicol resistance determinant of IncP plasmid R26. Dorman CJ, et al. **J Bacteriol** 1985 Jan;161(1):147-52

Nucleotide sequence of ermA, a macrolide-lincosamide-streptogramin B determinant in Staphylococcus aureus. Murphy E. **J Bacteriol** 1985 May; 162(2):633-40

Molecular cloning of tetracycline resistance genes from Streptomyces rimosus in Streptomyces griseus and characterization of the cloned genes. Ohnuki T, et al. **J Bacteriol** 1985 Mar;161(3):1010-6

Drug resistance gene amplification of plasmid NR1 derivatives with various amounts of resistance determinant DNA. Peterson BC, et al. **J Bacteriol** 1985 Mar; 161(3):1042-8

Antimicrobial resistance and the ecology of Escherichia coli plasmids. Platt DJ, et al. **J Hyg (Lond)** 1984 Oct;93(2):181-8

The DNA sequence of the mercury resistance operon of the IncFII plasmid NR1. Barrineau P, et al. **J Mol Appl Genet** 1984;2(6):601-19

Changing antibiotic susceptibility of Staphylococcus aureus hand infections. Stromberg BV. **J SC Med Assoc** 1984 Oct; 80(10):490-2

Genetic analysis of the susceptibility of mouse cytomegalovirus to acyclovir. Sandford GR, et al. **J Virol** 1985 Apr;53(4):104-13

Evolution of microorganisms and antibiotic resistance. Lacey RW. **Lancet** 1984 Nov 3;2(8410):1022-5

Nucleotide sequences encoding and promoting expression of three antibiotic resistance genes indigenous to Streptomyces. Bibb MJ, et al. **MGG** 1985;199(1):26-36

Medical versus animal antibiotics in resistance [letter] Jukes TH. **Nature** 1985 Jan 17-23;313(5999):186

Sponsor-dependent drug resistance in B. subtilis reappears at high antibiotic concentrations. Dums F, et al. **Naturwissenschaften** 1985 Jan;72(1):37-9

Man, animals and antibiotic resistance. Levy SB. **Pediatr Infect Dis** 1985 Jan-Feb;4(1):3-5

Policy issues concerning antimicrobials: controls on antimicrobial usage. Simon HJ. **Perspect Biol Med** 1985 Winter;28(2):223-8

R1767, an example of the evolution of resistance plasmids. Nies BA, et al. **Plasmid** 1985 May;13(3):163-72

Plasmid transfer from Escherichia coli to Bacteroides fragilis: differential expression of antibiotic resistance phenotypes. Guiney DG, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(22):7203-6

Summary report of worldwide antibiotic resistance international task forces on antibiotic use. Burke JP, et al. **Rev Infect Dis** 1985 Jul-Aug;7(4):560-4

Antibiotic tolerance among clinical isolates of bacteria. Handwerger S, et al. **Rev Infect Dis** 1985 May-Jun; 7(3):368-86 (127 ref.)

Potential for development of antibiotic resistance in pathogenic treponemes. Stapleton JT, et al. **Rev Infect Dis** 1985 May-Jun;7 Suppl 2:S314-7

Worldwide microbial resistance to antimicrobial agents. Casse CY. **Sex Transm Dis** 1984 Oct-Dec;11(4 Suppl):333-5 (19 ref.)

A study of the relationship between the resistance of Mycobacterium tuberculosis to isonicotinic acid hydrazide (isoniazid) and to thiophen-2-carboxylic acid hydrazide. Yates MD, et al. **Tubercle** 1984 Dec;65(4):295-9

[Antibiotics in animal feed and increasing bacterial resistance: a causal relationship? A study of the literature] Haenen JM. **Arch Belg** 1984;42(9-10):501-24 (60 ref.) (Eng. Abstr.) (Dut)

[Changes in the antibiotic sensitivity of Haemophilus (H. influenzae and H. parainfluenzae) colonizing the upper respiratory tract of the child] Dabernat H, et al. **Pathol Biol (Paris)** 1985 May;33(5):391-5 (Eng. Abstr.) (Fre)

[Enterobacter cloacae and E. aerogenes septicemia: emergence of resistant variants (derepressed cephalosporinase) during treatment with third-generation cephalosporins] Nauciel C, et al. **Presse Med** 1985 Mar 23;14(12):673-6 (Eng. Abstr.) (Fre)

[Haemophilus influenzae isolated in Switzerland: antibiotic sensitivity and biotyping] Borer-Bigliardi B, et al. **Schweiz Med Wochenschr** 1984 Dec 22;114(51):1909-15 (Eng. Abstr.) (Fre)

[Sensitivity of anaerobic bacteria to antibiotics: experience at Hôpital Saint-Luc] Lamothe F, et al. **Union Med Can** 1984 Jun;113(6):485-8 (Eng. Abstr.) (Fre)

[Bacterial resistance to antimicrobial agents] Michel J. **Harefuah** 1985 Jan 15;108(2):107-9 (Heb)

DRUG SCREENING

Do we need new chemosensitive experimental models? Atassi G. **Eur J Cancer Clin Oncol** 1984 Oct;20(10):1217-20

Formation of DNA-damaging nitroso compounds by interaction of drugs with nitrite. A preliminary screening for detecting potentially hazardous drugs. Brambilla G, et al. **J Toxicol Environ Health** 1985;15(1):1-24

Problems arising after a new compound has shown proven activity in the laboratory. Neal RA. **Parasitology** 1985 Apr; 90 (Pt 4):717-21

Incorrect declaration of potential photosensitizing compounds. Bruze M. **Photodermatol** 1984 Aug; 1(4):199-200

Methods of evaluating the alleged teratogenicity of environmental agents. Brent RL. **Prog Clin Biol Res** 1985; 163C:191-5

Methods for predicting human birth defects. Clayson DB. **Prog Clin Biol Res** 1985;163C:197-203

Design of carcinogenicity studies: a backward glance. Diener R. **Toxicol Pathol** 1983;11(1):37-40

Advances in the design and reporting of conventional carcinogenicity tests. Hess R, et al. **Toxicol Pathol** 1983; 11(1):41-7

Current genetic assays in long term protocols. Schreiner CA. **Toxicol Pathol** 1983;11(1):90-5

[Substance-induced liver injury as a model for evaluating hepatoprotective drugs] Trčka V, et al. **Cas Lek Cesk** 1985 Feb 8;124(6):161-4 (Eng. Abstr.) (Cze)

[The value of animal experiments in testing the acute toxicity of substances; a recommendation by the LD50 Commission of the Public Health Council] Wieriks J. **Ned Tijdschr Geneeskd** 1984 Sep 8;128(36):1721-3 (Eng. Abstr.) (Dut)

[Carcinogen screening in mammalian cells in vitro. The clastogenicity and the SCE test] Thust R. **Zentralbl Allg Pathol** 1984;129(4):365-70 (13 ref.) (Eng. Abstr.) (Ger)

[Chemotherapy of ovarian cancer based on in vitro (HTCA) and in vivo (nude mice) chemosensitivity testing] Sagawa T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul; 37(7):1197-204 (Eng. Abstr.) (Jpn)

METHODS

Methodological aspects of the 6-day subrenal capsule assay for measuring the response of human tumors to anticancer agents. Aamdal S, et al. **Anticancer Res** 1985 Jul-Aug; 5(4):329-37

An alternative pharmacological approach to the detection of anti-androgenic drugs for acne therapy. Clanachan I, et al. **Br J Dermatol** 1985 Mar;112(3):329-37

The subrenal capsule assay in mice. Prediction of rat tumor sensitivity to chemotherapy. Mäenpää J, et al. **Cancer** 1984 Oct 15;54(8):1530-4

In vitro short-term testing systems as prescreens for potential carcinogens: simultaneous detection of sister chromatid exchanges and mutation response in a cell-mediated assay with V79 cells. Nayak BN, et al. **Cancer Lett** 1985 May; 27(1):71-9

Application of a human tumor colony-forming assay to new drug screening. Shoemaker RH, et al. **Cancer Res** 1985 May;45(5):2145-53

Use of a radiometric system to screen for antineoplastic agents: correlation with a human tumor cloning system. Von Hoff DD, et al. **Cancer Res** 1985 Sep;45(9):4032-8

Stability of the in vivo P388 leukemia model in evaluation of antitumor activity of natural products. Marsh JC, et al. **Cancer Treat Rep** 1985 Jun;69(6):683-5

Commentary on 'clinical predictivity of transplantable tumor systems in the selection of new drugs for solid tumors: rationale for a three-stage strategy. Martin DS, et al. **Cancer Treat Rep** 1984 Nov;68(11):1317-8

Subrenal capsule assay: feasibility of transporting tissues to a central facility for testing. Slagel DE, et al. **Cancer Treat Rep** 1985 Jun;69(6):717-8

Clonogenic and nonclonogenic in vitro chemosensitivity assays. Weisenthal LM, et al. **Cancer Treat Rep** 1985 Jun; 69(6):615-32 (188 ref.)

The mouse intradermal test, a well-established and reliable model in skin tolerance testing. Gloxhuber C, et al. **Food Chem Toxicol** 1985 Feb;23(2):195-7

Modification of the Draize eye test for the safety testing of cosmetics. Gloxhuber C. **Food Chem Toxicol** 1985 Feb; 23(2):187-8

Ocular tolerance assessment—integrated tier policy. Jackson J, et al. **Food Chem Toxicol** 1985 Feb;23(2):309-10

Toxicity of commercial products on cells in suspension culture: a possible screen for the Draize eye irritation test. Kemp RB, et al. **Food Chem Toxicol** 1985 Feb;23(2):267-70

Hen's egg chorioallantoic membrane test for irritation potential. Luepke NP. **Food Chem Toxicol** 1985 Feb; 23(2):287-91

The use of cell and organ culture from the respiratory tract for testing chemicals. Mohr U, et al. **Food Chem Toxicol** 1985 Feb;23(2):233-8

An in vitro epidermal slice technique for identifying chemicals with potential for severe cutaneous effects. Oliver GJ, et al. **Food Chem Toxicol** 1985 Feb;23(2):229-32

Studies on the design of animal tests for the corrosiveness of industrial chemicals. Potokar M, et al. **Food Chem Toxicol** 1985 Jun;23(6):615-7

Design of animal carcinogenicity studies for goodness-of-fit of multistage models. Portier CJ, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):949-59

The verification of a mammalian toxicant classification using a mosquito screening method. Richie JP Jr, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):1029-35

Use of in vitro method to predict response of human ovarian carcinoma cells to chemotherapeutic agents. Buckshee K, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):371-4

Application of a tissue culture microtiter test for the detection of cytotoxic agents from natural products. Mirabelli CK, et al. **J Antibiot (Tokyo)** 1985 Jun;38(6):758-66

An agar plate method for the screening of antibiotics triggering autolytic enzymes. Patel MV. **J Antibiot (Tokyo)** 1985 Apr;38(4):527-9

A chronically implanted delivery system of drugs to a nerve-end neuroma: effects on a behavioural chronic pain model. Seltzer Z, et al. **J Neurosci Methods** 1985 May; 13(3-4):223-9

Assessment of the hot-plate antinociceptive test in mice. A new method for the statistical treatment of graded data. Kitchen I, et al. **J Pharmacol Methods** 1985 Feb;13(1):1-7

Design of cancer assays for pharmaceutical agents [letter] Meyers DB, et al. **JNCI** 1985 May;74(5):1151-2

Alkaline elution of DNA as a method for assessing genotoxic effects of drugs: its application to a series of antiviral compounds. Coronnello M, et al. **Methods Find Exp Clin Pharmacol** 1985 Jan;7(1):29-34

Assembling a battery of assays to predict carcinogenicity: a case study. Rosenkranz HS, et al. **Mutat Res** 1984 Sep; 141(1):65-8

Photohemolysis. Hetherington AM, et al. **Photodermatol** 1984 Oct;1(5):255-60

The Candida test for phototoxicity. Kavli G, et al. **Photodermatol** 1984 Aug;1(4):204-7

The mouse tail phototoxicity test. Ljunggren B. **Photodermatol** 1984 Apr;1(2):96-100

The use of human serum for studying malformations in whole embryo cultures. Beck F, et al. **Prog Clin Biol Res** 1985; 163C:265-70

In vitro tests in screening teratogens: considerations to aid the validation process. Kimmel GL. **Prog Clin Biol Res** 1985;163C:259-63

Benefits and limits of model systems in developmental biology and toxicology (in vitro techniques). Neubert D. **Prog Clin Biol Res** 1985;163A:91-6

In vivo assays for immunotoxicity studies. Speirs RS. **Prog Clin Biol Res** 1984;161:159-69

The role of postimplantation mammalian embryo culture in the study of teratogenic mechanisms. Steele CE. **Prog Clin Biol Res** 1985;163C:271-6

Relation between 67Ga uptake and the stage of inflammation induced by turpentine oil in rats. Ohkubo Y, et al. **Radioisotopes** 1985 Jan;34(1):7-10

Predictive drug testing on human tumor cells. **Recent Results Cancer Res** 1984;94:1-285

Usefulness of the human tumor colony forming assay for new drug development. Issell BF, et al. **Recent Results Cancer Res** 1984;94:237-44

Development of a nucleotide precursor incorporation assay for testing drug sensitivity of human tumors. Sanfilippo O, et al. **Recent Results Cancer Res** 1984;94:127-39

Heterogeneity and variability of test results as limiting factors for predictive assays. Schlag P, et al. **Recent Results Cancer Res** 1984;94:191-6

Trichostrongylus colubriformis: in vitro culture of parasitic stages and their use for the evaluation of anthelmintics. Rapson EB, et al. **Res Vet Sci** 1985 Jul;39(1):90-4

Testing for the toxicity of chemicals with Tetrahymena pyriformis. Yoshioka Y, et al. **Sci Total Environ** 1985 May; 43(1-2):149-57

Evaluation of immunomodulatory chemicals: alteration of macrophage function in vitro. Tam PE, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):183-94

An in vitro screen for new fasciolicidal agents. Ibarra OF, et al. **Z Parasitenkd** 1984;70(5):655-61

[Drug sensitivity testing of gynecologic tumors using Volm's test and stem cell assay] Eidtmann H, et al. **Geburtshilfe Frauenheilkd** 1985 Jul;45(7):477-81 (Eng. Abstr.) (Ger)

[Comparison of human tumor clonogenic and nude mouse-isotope assays in anticancer-agent sensitivity tests] Hirabayashi N, et al. **Gan To Kagaku Ryoho** 1985 Sep; 12(9):1808-12 (Eng. Abstr.) (Jpn)

[Colony assay for clinical application] Ichihashi H, et al. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1560-5 (Eng. Abstr.) (Jpn)

[Analysis of chemosensitivity against a human breast cancer xenograft (MX-1) with the subrenal capsule assay in BDF1 mice] Inoue K, et al. **Gan To Kagaku Ryoho** 1985 Aug; 12(8):1644-50 (Eng. Abstr.) (Jpn)

[Chemotherapy testing for human ovarian cancer using in vitro colony assay] Inoue K. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1593-8 (Eng. Abstr.) (Jpn)

[Update of human tumor clonogenic assay in carcinoma of the lung] Kanzawa F. **Gan To Kagaku Ryoho** 1985 Aug; 12(8):1552-9 (Eng. Abstr.) (Jpn)

[Human tumor clonogenic assay in human breast cancer] Kobayashi T, et al. **Gan To Kagaku Ryoho** 1985 Aug; 12(8):1566-72 (Eng. Abstr.) (Jpn)

[In vitro drug-sensitivity test using human tumor clonogenic assay in lung cancer patients] Ohnoshi T, et al. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1582-7 (Eng. Abstr.) (Jpn)

[Subrenal capsule assay, a new sensitivity test for antitumor agents] Sakai Y. **Gan To Kagaku Ryoho** 1985 Aug; 12(8):1535-51 (26 ref.) (Eng. Abstr.) (Jpn)

[Current status of the human tumor clonogenic assay for gastrointestinal cancer] Tanigawa N. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1588-92 (Eng. Abstr.) (Jpn)

[In vitro chemosensitivity of urological malignancies evaluated by colony-forming assay using soft agar] Yamamoto N. **Gan To Kagaku Ryoho** 1985 Aug; 12(8):1573-81 (Eng. Abstr.) (Jpn)

[An in vitro sensitivity assay of anti-cancer agents by measuring the inhibition rate of DNA synthesis (3H-thymidine uptake) of cancer cells--clinical study] Nio Y, et al. **Nippon Geka Gakkai Zasshi** 1985 Jan;86(1):8-22 (Eng. Abstr.) (Jpn)

[Formalin-induced minor tremor response as an indicator of pain] Takahashi H, et al. **Nippon Yakurigaku Zasshi** 1984 Oct;84(4):353-62 (Eng. Abstr.) (Jpn)

[Re-evaluation of the carrageenin-induced abscess model as a screening method for anti-inflammatory agents] Tamura S, et al. **Nippon Yakurigaku Zasshi** 1984 Oct;84(4):337-44 (Eng. Abstr.) (Jpn)

[Problem of screening of antineoplastic drugs in tissue and cell cultures] Dobrynin IeV. **Eksp Onkol** 1985;7(2):9-15 (Eng. Abstr.) (Rus)

[Evaluation of the effect of drugs on hematopoietic tissue stroma] Rakov AA, et al. **Lab Delo** 1985;(2):75-7 (Eng. Abstr.) (Rus)

[Method and device for evaluating the emotionally-positive effects of pharmacologic agents] Zvartau EE, et al. **Zh Vyssh Nerv Deiat** 1984 Jul-Aug;34(4):802-3 (Rus)

STANDARDS

Some statistical issues pertaining to in vitro drug testing with human tumor colony forming assays. Koziol JA. **Hiroshima J Med Sci** 1985 Mar;34(1):31-7

TRENDS

Current NCI preclinical antitumor screening in vivo: results of tumor panel screening, 1976-1982, and future directions. Venditti JM, et al. **Adv Pharmacol Chemother** 1984;20:1-20 (43 ref.)

DRUG SENSITIVITY ASSAY, MICROBIAL see MICROBIAL SENSITIVITY TESTS

DRUG STABILITY

Light stability testing of tablets in the Xenotest and the Fadeometer. Nyqvist H. **Acta Pharm Suec** 1984; 21(4):245-52

Strategies for increasing the stability of enzymes. Stellwagen E. **Ann NY Acad Sci** 1984;434:1-6 (20 ref.)

The photodeactivation of hedamycin, an antitumor antibiotic of the pluramycin type. Fredenhagen A, et al. **J Antibiot (Tokyo)** 1985 Feb;38(2):236-41

Determination of thenoyl peroxide by high-performance liquid chromatography. Jonvel P, et al. **J Chromatogr** 1984 Aug 17;298(1):193-7

The stability of some drugs and poisons in putrefying human liver tissues. Stevens HM. **J Forensic Sci Soc** 1984 Nov-Dec;24(6):577-89

A model for predicting the stability of autoclaved pharmaceuticals using real time computer integration techniques. Kirk B, et al. **J Parenter Sci Technol** 1985

Mar–Apr;39(2):89–98

Stabilisation of C3 in EDTA–plasma at pH 6.0. Ingham E, et al. **Med Lab Sci** 1985 Jan;42(1):30–4

[Application of diffuse reflectance spectra in studying the stability of solid drugs] Wei SL, et al. **Yao Hsueh Hsueh Pao** 1983 Nov;18(11):843–8 (Eng. Abstr.) (Chi)

[Tests of drug stability then and now] Göber B. **Pharmazie** 1984 Aug;39(8):570–1 (Ger)

[Prevention of the pressure–induced degradation of active substances by molecular encapsulation] Hüttenrauch R, et al. **Pharmazie** 1984 Aug;39(8):578–9 (Ger)

[Mechanisms of drug decomposition—drug stabilization] Rácz I. **Pharmazie** 1984 Sep;39(9):636–40 (Ger)

[Extra–weak chemiluminescence of drugs. I. Extra–weak chemiluminescence of tablets and capsules] Mizugaki M, et al. **Yakugaku Zasshi** 1985 Apr;105(4):401–6 (Eng. Abstr.) (Jpn)

DRUG STORAGE

Advice of manufacturers about effects of temperature on biologicals. Miller LG, et al. **Am J Hosp Pharm** 1985 Apr; 42(4):843–8

Filling CO2 cylinders [letter] Gray WM, et al. **Anaesthesia** 1985 May;40(5):504

Influence of antiseptic storage solutions on physical properties of endodontic guttapercha points. Möller B, et al. **Scand J Dent Res** 1985 Apr;93(2):158–61

Further improvements in the miniature anion/exchange centrifugation technique (mAECT) for field work [letter] Kimber CD. **Trans R Soc Trop Med Hyg** 1984;78(5):702–3

DRUG SYNERGISM

see related

COCARCINOGENESIS

DRUG THERAPY

see related

MEDICATION ERRORS

Priorities in the benefit–risk assessment of new drugs. Venning GR. **Adverse Drug React Acute Poisoning Rev** 1984 Summer;3(2):113–21

The relative merit of various cytochemical quantities and manual differential count in predicting remission following chemotherapy of patients with de novo acute myeloblastic leukemia. Avnstrøm S, et al. **Am J Clin Pathol** 1985 Jan; 83(1):73–6

Appropriateness of sampling times for therapeutic drug monitoring. Mason GD, et al. **Am J Hosp Pharm** 1984 Sep; 41(9):1796–801

Impact and cost justification of a surgery drug newsletter. May JR, et al. **Am J Hosp Pharm** 1984 Sep;41(9):1837–9

Pharmacoepidemiology: emerging roles for pharmacists [letter] Rector TS. **Am J Hosp Pharm** 1985 Apr;42(4):778, 783

National survey of pharmacy–coordinated investigational drug services. Young LM, et al. **Am J Hosp Pharm** 1984 Sep;41(9):1792–6

Post–marketing studies of drug efficacy: how? Strom BL, et al. **Am J Med** 1984 Oct;77(4):703–8

Nurses speak out on patients and drug regimens. Moree NA. **Am J Nurs** 1985 Jan;85(1):51–4

Potential and limitations of drug targeting: an overview. Gardner CR. **Biomaterials** 1985 May;6(3):153–60 (54 ref.)

Assessing differential drug effect. Berry DA, et al. **Biometrics** 1984 Dec;40(4):1109–15

Drug therapy in general practice. Hemsley SM. **Br Dent J** 1984 Nov 24;157(10):368

Drugs taken by mothers in the puerperium [letter] Matheson I. **Br Med J [Clin Res]** 1985 May 25;290(6481):1588–9

Drugs taken by mothers in the puerperium: inpatient survey in Northern Ireland. Passmore CM, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1593–6

Selectivity—key to chemotherapy: presidential address. Elion GB. **Cancer Res** 1985 Jul;45(7):2943–50 (63 ref.)

Overview of patient compliance with medication dosing: a literature review. Greenberg RN. **Clin Ther** 1984;6(5):592–9 (68 ref.)

Medication problems in elderly persons. Mead RA. **Compr Ther** 1985 Jan;11(1):3–5

The World Health Organization Action Programme on Essential Drugs. Lauridsen E. **Dan Med Bull** 1984 Nov;31 Suppl 1:4–6

Drugs and community health workers in developing countries (1). Some issues for discussion. Raikes A. **Dan Med Bull** 1984 Nov;31 Suppl 1:17–23

Surgery and long–term medication. **Drug Ther Bull** 1984 Sep 24;22(19):73–6

Drugs in the rehabilitation of the elderly. Andrews K. **Int Rehabil Med** 1984;6(3):ix–x

Therapeutic effects of drug–nutrient interactions in the elderly. Roe DA. **J Am Diet Assoc** 1985 Feb;85(2):174–8, 181

Hospital drug study. Lanham RH Jr, et al. **J Am Podiatry Assoc** 1984 Dec;74(12):611–7

Sample size: clues, hints or suggestions. Johnson AF. **J Chronic Dis** 1985;38(8):721–5

Memory and medication compliance. Norell SE. **J Clin Hosp Pharm** 1985 Mar;10(1):107–9

An evaluation of the effectiveness of azelaic acid as a depigmenting and chemotherapeutic agent. Pathak MA, et al. **J Invest Dermatol** 1985 Sep;85(3):222–8

The influence of hospital admission on long–term medication of elderly patients. Abrams J, et al. **J R Coll Physicians Lond** 1984 Oct;18(4):225–7

The inadequacies of information on current drug therapy in out–patients' records. Feely M, et al. **J R Coll Physicians Lond** 1984 Oct;18(4):222–4

The FDA and drug uses: reprise [letter] Nightingale SL. **JAMA** 1985 Feb 1;253(5):632

Therapeutic drug monitoring [letter] **Lancet** 1985 Aug 31; 2(8453):497–8

Immunizations and chemoprophylaxis for travelers. **Med Lett Drugs Ther** 1985 Apr 12;27(685):33–6

Rx: consider these findings when prescribing for older patients. **Mich Med** 1985 Mar;84(3):142

New drugs: to use or not to use. Pepper GA. **Nurse Pract** 1985 Feb;10(2):37, 41–2

The role of protein binding in drug therapy. Holtzman JL. **Ration Drug Ther** 1984 Sep;18(9):1–5 (19 ref.)

Stimulated salivary flow rate, pH and lactobacillus and yeast concentrations in medicated persons. Parvinen T, et al. **Scand J Dent Res** 1984 Dec;92(6):524–32

The reinterpretation of Western pharmaceuticals among the Mende of Sierra Leone. Bledsoe CH, et al. **Soc Sci Med** 1985;21(3):275–82

Factors influencing the penetration of therapeutic substances into the eye following topical application. Piercy DW. **Vet Rec** 1985 Jan 26;116(4):99–104 (39 ref.)

[Drug dosage and therapeutic monitoring] Delwaide PA. **Rev Med Liege** 1985 Apr 15;40(8):316–26 (Fre)

[Therapeutic effects cannot be studied in a healthy person] Lecomte J. **Rev Med Liege** 1984 Aug 1–15; 39(15–16):597–603 (Fre)

[Drug update] Luyckx A, et al. **Rev Med Liege** 1985 May 1;40(9):392–402 (Fre)

[Chronopharmacology and chronotherapeutics] Scheen AJ, et al. **Rev Med Liege** 1985 Jul 1–15;40(13–14):528–32 (Fre)

[Drug therapy in elderly patients] Heinzl S. **Med Monatsschr Pharm** 1984 Jun;7(6):176–80 (Ger)

[Antibiotics and drugs in veterinary medicine. 1] Pilloud M. **Schweiz Arch Tierheilkd** 1984 Nov;126(11):571–87 (0 ref.) (Ger)

[Drug level determination for optimization of drug therapy. Practical significance and new trends] Vožeh S. **Schweiz Rundsch Med Prax** 1984 Dec 4;73(49):1505–6 (Ger)

[Combination preparations in chemotherapy] Tempel K. **Tierarztl Prax** 1984;12(2):149–61 (73 ref.) (Ger)

[Effect of the physician on the effectiveness of drugs (impressive experiment with medical students)] Feldes D. **Z Arztl Fortbild (Jena)** 1985;79(4):163–5 (Ger)

[Clinical pharmacology and therapeutic efficacy] Coen D, et al. **Recenti Prog Med** 1985 May;76(5):280–3 (Ita)

[Biological rhythms and their significance in drug therapy] Kleinrok Z. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:1–10 (Eng. Abstr.) (Pol)

[Use of liposomes as carriers in the transport of substances of biological value to cells] Zietkiewicz E, et al. **Postepy Biochem** 1984;30(1–2):149–72 (168 ref.) (Pol)

[Use of drugs in the aged] Duraković Z. **Lijec Vjesn** 1984 Nov–Dec;106(11–12):482–5 (Ser)

[Assessing drug effects] Molčan J, et al. **Cas Lek Cesk** 1985 Aug 2;124(31):982–3 (Eng. Abstr.) (Slo)

[Clinical pharmacology in geriatrics] García de Jalón PD, et al. **Arch Farmacol Toxicol** 1985 Apr;11(1):1–12 (Spa)

[Causes of failure of drug treatment] Puche E, et al. **Med Clin (Barc)** 1985 Jan 19;84(2):72–3 (Spa)

[Diagnosis and treatment: what do our patients know?] Roizblatt A, et al. **Rev Med Chil** 1984 Apr;112(4):355–8 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

Inhibition of human and canine diamine oxidase by drugs used in an intensive care unit: relevance for clinical side effects? Sattler J, et al. **Agents Actions** 1985 Apr; 16(3–4):91–4

Iatrogenesis of drug therapy [editorial] **Am Fam Physician** 1985 Mar;31(3):93–4

The practitioner's role in detection of adverse drug reactions [editorial]. Soffer A. **Arch Intern Med** 1985 Feb; 145(2):232–3

The national registry of drug–induced ocular side effects. Fraunfelder FT, et al. **Aust J Ophthalmol** 1984 May; 12(2):129–31

Monitoring patients on long–term drug therapy for genotoxic effects. Erskine IA, et al. **Basic Life Sci** 1984;29 Pt B:895–905

Effect of chemotherapy on T–lymphocyte subsets in B–cell proliferative disorders. Emmendörffer CA, et al. **Blut** 1985 Mar;50(3):149–56

Researching drug treatment. Martys CR. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1353–4

Adverse Drug Reaction Reporting Program of the Ontario Medical Association: the first 3 years. Gowdey CW, et al. **Can Med Assoc J** 1985 Jan 1;132(1):19–23

The practitioner's role in detection of adverse drug reactions [editorial] Soffer A. **Chest** 1984 Dec;86(6):808–9

Nutritional consequences of drugs used in pediatrics. Olness KN. **Clin Pediatr (Phila)** 1985 Aug;24(8):417–20

Cotton–thread tear test: an experimental study for testing drugs suspected of side effects on lacrimation. Thörig L, et al. **Doc Ophthalmol** 1984 Nov 15;58(3):307–15

Inservice teaching and adverse drug reactions in a nursing home. Jue SG, et al. **Drug Intell Clin Pharm** 1985 Jun; 19(6):483–7

Factors associated with the elderly falling in intermediate care facilities. Wells BG, et al. **Drug Intell Clin Pharm** 1985 Feb;19(2):142–5

Adverse drug reactions in the elderly: case studies. Clark BG, et al. **Geriatrics** 1984 Dec;39(12):53–4, 60–3, 66

Adverse interactions of drugs in critical care patients. Zarowitz B, et al. **Henry Ford Hosp Med J** 1985;33(1):48–56 (76 ref.)

Drug–vitamin interaction. Basu TK. **Int Z Vitam Ernahrungsforsch [Beih]** 1985;27:247–58 (66 ref.)

Alterations in drug sensitivity and pharmacokinetics in the elderly. Feldman R. **Iowa Med** 1985 May;75(5):224–6

Management of adverse drug reactions. Sheffer AL, et al. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 2):580–8

Adverse drug reactions in general pediatric outpatients. Kramer MS, et al. **J Pediatr** 1985 Feb;106(2):305–10

Is better feedback a major stimulus to spontaneous adverse reaction monitoring? [letter] Griffin JP. **Lancet** 1984 Nov 10;2(8411):1098

Role of medical journals in adverse drug reaction alerts [letter] Haramburu F, et al. **Lancet** 1985 Sep 7; 2(8454):550–1

Drug safety [letter] Taggart AJ, et al. **Lancet** 1984 Nov 10; 2(8411):1098–9

Adverse drug reactions—a computer–assisted application of correspondence analysis for automatic causality assessment. Bastin C, et al. **Methods Inf Med** 1984 Oct;23(4):183–8

Genetic host factors: determinants of drug response [editorial] Vesell ES. **N Engl J Med** 1985 Jul 25;313(4):261–2

Medicine Adverse Reactions Committee: eighteenth annual report, 1983. Edwards IR. **NZ Med J** 1984 Oct 24; 97(766):729–32

First–trimester drug use and congenital disorders. Aselton P, et al. **Obstet Gynecol** 1985 Apr;65(4):451–5

Neurologic complications of drug therapy. Goldberg MA. **Primary Care** 1984 Dec;11(4):583–96

The influence of chemicals and environment on brain development; 'behavioral teratology'. Swaab DF, et al. **Prog Clin Biol Res** 1985;163B:447–51

Set and serendipity in the detection of drug hazards. Melville A. **Soc Sci Med** 1984;19(4):391–6

Morbidity and mortality resulting from common therapeutic drugs. Wehrmacher WH. **Trans Assoc Life Insur Med Dir Am** 1984;66:94–109

Histopathology of the bone marrow in toxic myelopathy. A study of drug induced lesions in 57 patients. Krech R, et al. **Virchows Arch [A]** 1985;405(2):225–35

[The dangers of the sudden discontinuation of drugs] de Graeff PA. **Ned Tijdschr Geneeskd** 1985 Jun 1; 129(22):1034–9 (44 ref.) (Dut)

[Reporting of the side effects of drugs; is there room for quality control?] Offerhaus L. **Ned Tijdschr Geneeskd** 1984 Dec 29;128(52):2473 (Dut)

[Drug–induced ulcerations of the esophagus] Baeriswyl G, et al. **Rev Med Suisse Romande** 1985 Apr;105(4):295 (Fre)

[Drugs, poisoning and epileptic crises] Foletti GB, et al. **Rev Med Suisse Romande** 1985 Apr;105(4):349–62 (Fre)

[Occurrence and clinical course of drug–induced agranulocytosis] Bán A, et al. **Folia Haematol (Leipz)** 1985; 112(1):90–102 (Eng. Abstr.) (Ger)

[Drugs and breast feeding] Jährig K. **Kinderarztl Prax** 1984 Sep;52(9):408–14 (Eng. Abstr.) (Ger)

[Acute drug–induced pancreatitis] Dobrilla G, et al. **Schweiz Med Wochenschr** 1985 Jun 22;115(25):850–8 (Eng. Abstr.) (Ger)

[Significance of age, sex, kidney function, atopy and number of prescriptions for the occurrence of adverse drug reactions, studied by multivariate statistical methods. Results from the Comprehensive Hospital Drug Monitoring Berne (CHDMB)] Hoigné R, et al. **Schweiz Med Wochenschr** 1984 Dec 8;114(49):1854–7 (Eng. Abstr.) (Ger)

[Drugs and blood] Keiser G. **Schweiz Rundsch Med Prax** 1985 Jan 15;74(3):40–5 (18 ref.) (Eng. Abstr.) (Ger)

[Unwanted and toxic drug effects] Dominok GW, et al. **Z Arztl Fortbild (Jena)** 1984;78(23):973–6 (Ger)

[Risk of pharmacotherapy from the viewpoint of the pathologist] Haupt R. **Z Arztl Fortbild (Jena)** 1984; 78(23):985–8 (Ger)

[Risk of pharmacotherapy from the viewpoint of the internist] Mähr G. **Z Arztl Fortbild (Jena)** 1984;78(23):989–92 (Ger)

[Drugs inducing obesity] Cairella M. **Clin Ter** 1984 Sep 15; 110(5):469–75 (Eng. Abstr.) (Ita)

[Drugs most frequently causing shock and skin diseases in Poland] Rudzki E. **Przegl Dermatol** 1984 Nov–Dec; 71(6):603–8 (32 ref.) (Pol)

[Drug–induced papulo–macular rash] Rudzki E, et al. **Przegl Dermatol** 1984 Mar–Apr;71(2):115–9 (Eng. Abstr.) (Pol)

[Drug–induced iatrogenic disease (editorial)] Osswald W. **Acta Med Port** 1985 Jan;6(1):1–3 (Por)

[Drug–induced lesions of the optic nerve] Mozherenkov VP. **Oftalmol Zh** 1985;(2):118–21 (37 ref.) (Rus)

[Acute lung diseases caused by drug hypersensitivity] Gogin EE, et al. **Sov Med** 1984;(7):91–3 (Rus)

[Hematologic complications of drug therapy] Kudrin AN, et al. **Sov Med** 1984;(10):45–8 (Rus)

[Characteristics of drug-induced anaphylactic shock] Lopatin AS. **Sov Med** 1985;(3):76–8 (Rus)

[Complications in treatment of patients with dermatoses] Studnitsin AA. **Vestn Dermatol Venerol** 1985 Mar;(3):30–4 (Rus)

ECONOMICS

Cost-benefit and cost-effectiveness analysis of drug therapy. Dao TD. **Am J Hosp Pharm** 1985 Apr;42(4):791–802 (48 ref.)

Cost savings from kinetics services [letter] Holt RJ. **Am J Hosp Pharm** 1985 Apr;42(4):786–7

Today's pharmaceuticals: a cost-effective investment. Hoffmeister TW. **Am Pharm** 1985 May;NS25(5):4–6

Medication-related hospital stays are target of new Medicaid program. Perri GA, et al. **Mich Med** 1985 Apr;84(4):220, 222

New drugs and clinical economics: analysis of cost effectiveness in the assessment of pharmaceutical innovations. Eisenberg JM. **Rev Infect Dis** 1984 Nov–Dec; 6 Suppl 4:S905–8

Economic analysis of a new drug: potential savings in hospital operating costs from the use of a once-daily regimen of a parenteral cephalosporin. Eisenberg JM, et al. **Rev Infect Dis** 1984 Nov–Dec;6 Suppl 4:S909–23

EDUCATION

Further use of drug lists [letter] Miyamoto MD, et al. **J Med Educ** 1985 Jun;60(6):509–10

Open University course—topics in drug therapy. Gale J. **J R Coll Gen Pract** 1984 Apr;34(261):243–4

HISTORY

Opinions on old pharmacopeias integration into modern therapy. Gheorghiu E. **Sante Publique (Bucur)** 1984; 27(1):83–8

[40 years of drugs] Offerhaus L. **Ned Tijdschr Geneeskd** 1985 May 4;129(18):838–41 (Dut)

INSTRUMENTATION

New calibrated-leak microcatheters for cyanoacrylate embolization and chemotherapy. Kerber CW, et al. **AJNR** 1985 May–Jun;6(3):434–6

Venous access using the Hickman catheter. Ready AR, et al. **Eur J Surg Oncol** 1985 Jun;11(2):155–7

Evaluation of infusion pumps: third report—volumetric pumps. **J Med Eng Technol** 1984 May–Jun;8(3):127–32

Clinical applications of infusion systems. Pickup JC. **J Med Eng Technol** 1984 May–Jun;8(3):101–7

METHODS

Endotracheal drug therapy. Ward JT Jr. **Am J Emerg Med** 1983 Jul;1(1):71–82

Intraocular cannula for continuous, chronic drug delivery. Histopathologic observations and function. Miki K, et al. **Arch Ophthalmol** 1985 May;103(5):712–7

Clinical pharmacokinetics: a simplified approach, Part 1. Perlin E, et al. **J Natl Med Assoc** 1985 Jun;77(6):475–82

[Drug monitoring in intensive care medicine] Ochs HR, et al. **Internist (Berlin)** 1984 Jun;25(6):336–40 (Ger)

[Pharmacotherapy and aging] Platt D. **Internist (Berlin)** 1984 Aug;25(8):491–500 (Ger)

[Scientific bases for the effective use of drugs in medical care based on an analysis of drug utilization. Goal and content of utilization analysis. Use of analysis results in the collaboration of pharmaceutical and medical care areas] Görlt H, et al. **Z Arztl Fortbild (Jena)** 1984;78(16):661–6 (Ger)

[Drug therapy in childhood] Jährig K, et al. **Z Arztl Fortbild (Jena)** 1984;78(18):753–6 (Ger)

[Drug treatment of the elderly] **Z Gerontol** 1984 Sep–Oct; 17(5):244–5 (Eng. Abstr.) (Ger)

PSYCHOLOGY

Patients' therapeutic preferences in an ambulatory care setting. Povar GJ, et al. **Am J Public Health** 1984 Dec; 74(12):1395–7

The direct effects of compliance on health outcome. Epstein LH. **Health Psychol** 1984;3(4):385–93 (19 ref.)

The subjective in medicine [letter] Wajnberg A. **Perspect Biol Med** 1984 Autumn;28(1):167–9

The meaning of medications: another look at compliance. Conrad P. **Soc Sci Med** 1985;20(1):29–37

Using the health belief model to predict initial drug therapy defaulting. Fincham JE, et al. **Soc Sci Med** 1985;20(1):101–5

STANDARDS

Post-marketing studies of drug efficacy: why? Strom BL, et al. **Am J Med** 1985 Mar;78(3):475–80

[Drug therapy in children and its pharmacological basis] Kouvalainen K. **Duodecim** 1985;101(5):518–27 (Fin)

TRENDS

Advances in cephalosporin therapy. Neu HC. **Am J Med** 1985 Aug 9;79(2A):114–8

Colchicine: should we still use it? [editorial] Pasero G. **Clin Exp Rheumatol** 1984 Apr–Jun;2(2):103–4

The inappropriate use of prescription medicine. Frauenfelder J, et al. **Community Health Stud** 1985;9(1):10–8

What do drugs do to the world? And what do the doctors do about it? Korn J. **Dan Med Bull** 1984 Nov;31 Suppl 1:2–3

WHO's programme on essential drugs. Background, implementation, present state and prospectives. Lunde PK. **Dan Med Bull** 1984 Nov;31 Suppl 1:23–7

[Update on antibiotic therapy. 30) Cefonicid] di Nola F. **Minerva Med** 1985 Apr 14;76(16):819–25 (Ita)

[Update on antibiotic therapy. 27) Ceftazidime] di Nola F. **Minerva Med** 1984 Oct 6;75(38):2253–61 (Ita)

[The search for low-molecular interferon inducers—an important trend in the development of chemotherapy] Pershin GN. **Farmakol Toksikol** 1985 May–Jun;48(3):16–8 (Rus)

UTILIZATION

Medicine use among the rural elderly. Sharpe TR, et al. **J Health Soc Behav** 1985 Jun;26(2):113–27

Prevalence of medication treatment for hyperactive adolescents. Safer DJ, et al. **Psychopharmacol Bull** 1985; 21(2):212–5

VETERINARY

Wooldridge Memorial lecture. Pharmacology and new drug discoveries—should veterinarians be interested? Black J. **Vet Rec** 1984 Nov 3;115(18):466–70

Drug prescription and equine events. Vogel C. **Vet Rec** 1984 Nov 3;115(18):452

[Antibiotics and chemotherapeutic agents in veterinary medicine. 2.] Pilloud M. **Schweiz Arch Tierheilkd** 1984 Dec; 126(12):633–49 (60 ref.) (Eng. Abstr.) (Ger)

DRUG THERAPY, COMBINATION

ACTH 1–17 effects in oncology. Battelli T, et al. **Ric Clin Lab** 1984 Apr–Jun;14(2):205–9

[Results of the pilot experiment in short-term anti-tuberculosis chemotherapy] Anastasatu C, et al. **Rev Ig [Pneumoftiziol]** 1984 Apr–Jun;33(2):135–42 (Eng. Abstr.) (Rum)

ADVERSE EFFECTS

Adverse interactions of drugs in critical care patients. Zarowitz B, et al. **Henry Ford Hosp Med J** 1985;33(1):48–56 (76 ref.)

TRENDS

[Current views on the combined use of drug preparations in therapeutic practice] Lakin KM, et al. **Ter Arkh** 1984; 56(9):3–8 (Rus)

DRUG TOLERANCE

Limitations of dose tolerance studies on predictability for phase III. Warrington SJ. **Arzneimittelforschung** 1985; 35(5):781–3

Drug tolerance and detoxicating enzymes in Octodon degus and Wistar rats. A comparative study. Letelier ME, et al. **Comp Biochem Physiol** [C] 1985;80(1):195–8

Mechanisms of tolerance and dependence: an overview. Abood LG. **Natl Inst Drug Abuse Res Monogr Ser** 1984; 54:4–11

Contributions of neuropharmacology to understanding mechanisms of tolerance and dependence. Adler MW, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984;54:27–38 (27 ref.)

Various factors which affect the rate of development of tolerance and physical dependence to abused drugs. Dewey WL. **Natl Inst Drug Abuse Res Monogr Ser** 1984;54:39–49

Phenomenology and theoretical basis of tolerance and dependence. Martin WR. **Natl Inst Drug Abuse Res Monogr Ser** 1984;54:12–26

Mechanisms of opioid tolerance and dependence. Schulz R, et al. **Neuropeptides** 1984 Dec;5(1–3):3–10

Morphine analgesia potentiated but tolerance not affected by active immunization against cholecystokinin. Faris PL, et al. **Science** 1984 Dec 7;226(4679):1215–7

DRUG EFFECTS

The effect of oxytocin and fragment (MIF-I) on the development of tolerance to hypothermic and hypnotic action of ethanol in the rat. Pucilowski O, et al. **Peptides (Fayetteville)** 1985 Jan–Feb;6(1):7–10

DRUG USE DISORDERS see **SUBSTANCE USE DISORDERS**

DRUG UTILIZATION

Therapeutic drug-use review for the Florida Medicaid program. Groves RE. **Am J Hosp Pharm** 1985 Feb; 42(2):316–9

Cephalosporin use and restriction in pediatric hospitals. Howrie DL, et al. **Am J Hosp Pharm** 1985 Jul;42(7):1576–8

Cephalosporin-use restrictions in teaching hospitals. McCloskey WW, et al. **Am J Hosp Pharm** 1984 Nov; 41(11):2359–62

Medical committee enforcement of policy limiting postsurgical antibiotic use. Nickman NA, et al. **Am J Hosp Pharm** 1984 Oct;41(10):2053–6

Computer-assisted concurrent antibiotic review in a community hospital. Scarafile PD, et al. **Am J Hosp Pharm** 1985 Feb;42(2):313–5

Are we losing our way? [editorial] Zellmer WA. **Am J Hosp Pharm** 1984 Oct;41(10):2006

Aminoglycoside resistance in gram-negative bacilli during increased amikacin use. Comparison of experience in 14 United States hospitals with experience in the Minneapolis Veterans Administration Medical Center. Gerding DN, et al. **Am J Med** 1985 Jul 15;79(1A):1–7

Polypharmacy. Causes, consequences, and cure [editorial] Kroenke K. **Am J Med** 1985 Aug;79(2):149–52

Prescribing practices among nurse practitioners in adult and family health. Batey MV, et al. **Am J Public Health** 1985 Mar;75(3):258–62

An epidemiological method applied to practices to measure the representativeness of their prescribing characteristics. Fleming DM. **Br Med J [Clin Res]** 1984 Nov 24; 289(6456):1425–8

Study of medicine prescribing for elderly patients. Freer CB. **Br Med J [Clin Res]** 1985 Apr 13;290(6475):1113–5

Prescribing: the power to set limits. Harding JM, et al. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):450–2

Control of drugs in a university hospital surgical ward. Pérez CE, et al. **Bull Pan Am Health Organ** 1984;18(3):250–7

Major tranquilizer usage in psychiatric patients at Veterans Administration treatment facilities. Murphy JM. **Clin Ther** 1984;6(5):699–707

Evaluation of a computerized drug review system: impact, attitudes, and interactions. Siegel C, et al. **Comput Biomed Res** 1984 Oct;17(5):419–35

Eastern Africa: perspectives of drug usage. Korn J. **Dan Med Bull** 1984 Nov;31 Suppl 1:34–7

Rational antimicrobial prophylaxis on a urological ward. Boerema HB, et al. **Drug Intell Clin Pharm** 1984 Nov; 18(11):900–3

A utilization review of theophylline assays: sampling patterns and use. Guernsey BG, et al. **Drug Intell Clin Pharm** 1984 Nov;18(11):906–12

Impact of clinical pharmacy services on prescribing on a cardiothoracic/vascular surgical unit. Herfindal ET, et al. **Drug Intell Clin Pharm** 1985 Jun;19(6):440–4

Family practice residents' prescribing patterns. Jackson MG, et al. **Drug Intell Clin Pharm** 1985 Mar;19(3):205–9

Evaluation of appropriateness and interpretation of serum theophylline assays. Sargenti C, et al. **Drug Intell Clin Pharm** 1985 May;19(5):380–4

The use of unprescribed medicine in Warsaw during the years 1970–1980. Szyłlejko OJ. **Drug Intell Clin Pharm** 1984 Sep; 18(9):745–7

Survey of drug use by the elderly and possible impact of drugs on nutritional status. Chen LH, et al. **Drug Nutr Interact** 1985;3(2):73–86

Drug utilization in paediatrics: non-medical factors affecting decision making by prescribers. Stanulović M, et al. **Eur J Clin Pharmacol** 1984;27(2):237–41

Drug misuse in nursing homes: an institutional addiction? Waxman HM, et al. **Hosp Community Psychiatry** 1985 Aug; 36(8):886–7

Hospital usage of parenteral antimicrobial agents: a gradated utilization review and cost containment program. Pelletier LL Jr. **Infect Control** 1985 Jun;6(6):226–30

Drugs in the Spanish health system. Laporte JR, et al. **Int J Health Serv** 1984;14(4):635–48 (61 ref.)

Incidence of polypharmacy in a long-term care facility. Kalchthaler T, et al. **J Am Geriatr Soc** 1977 Jul; 25(7):308–13

The use of injectable antibiotics in two general hospitals. Slack RC, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:77–80

Multicenter study of family physician prescribing. Carter BL, et al. **J Fam Pract** 1984 Oct;19(4):497–501

Drug abuse and the elderly. Caroselli-Karinja M. **J Psychosoc Nurs Ment Health Serv** 1985 Jun;23(6):25–30

Prescribing—a case for prolonged treatment. Harris CM, et al. **J R Coll Gen Pract** 1985 Jun;35(275):284–7

The influence of hospital admission on long-term medication of elderly patients. Abrams J, et al. **J R Coll Physicians Lond** 1984 Oct;18(4):225–7

Effect of initiation, termination, and reinitiation of consultant clinical pharmacist services in a geriatric long-term care facility. Cooper JW. **Med Care** 1985 Jan;23(1):84–8

Drug choice as a problem-solving process. Segal R, et al. **Med Care** 1985 Aug;23(8):967–76

A survey of drug usage among patients admitted to a psychiatric hospital. Lewis JH, et al. **Med J Aust** 1985 Mar 18;142(6):344–6

Policy issues concerning antimicrobials: controls on antimicrobial usage. Simon HJ. **Perspect Biol Med** 1985 Winter;28(2):223–8

An audit of antibiotic prescribing in general practice using sore throats as a tracer for quality control. Tseng R. **Public Health** 1985 May;99(3):174–7

Generic substitution—the other side of the coin. Retief FP. **S Afr Med J** 1984 Oct 20;66(16):590–2

Drug utilization in internal medicine wards at a teaching hospital serving a developing community. Summers RS. **S Afr Med J** 1985 Apr 6;67(14):549–52

Cimetidine usage for unlabeled conditions in an ambulatory care service. Thomas CT, et al. **South Med J** 1984 Oct; 77(10):1281-2

[Drug utilization in 3 nursing homes for somatic patients] Merkus JW, et al. **Tijdschr Gerontol Geriatr** 1985 Jun; 16(3):87-95 (Eng. Abstr.) (Dut)

[Medication habits and iatrogenic disorders in young adults examined at a military induction center] Juillet P, et al. **Bull Acad Natl Med (Paris)** 1984 Dec;168(9):1051-8 (Eng. Abstr.) (Fre)

[Use of analgesics in surgical emergency patients] Buanes T, et al. **Tidsskr Nor Laegeforen** 1985 Feb 10;105(4):302-4 (Eng. Abstr.) (Nor)

[Use of hypnotics in nursing homes in Troms before and after information to the staff and written directions] Refsum N, et al. **Tidsskr Nor Laegeforen** 1985 Jun 10;105(16):1162-4 (Eng. Abstr.) (Nor)

[Regional differences in drug utilization] Foltán V, et al. **Cesk Zdrav** 1985 May;33(5):221-7 (Eng. Abstr.) (Slo)

[Drug requirements from the the viewpoint of the age structure and sex of a population in a medical region] Majtáš J. **Cesk Zdrav** 1985 Jul;33(6-7):278-84 (Eng. Abstr.) (Slo)

[Drug consumption in Valladolid and its province (letter)] Carvajal García-Pando A, et al. **Med Clin (Barc)** 1984 Oct 13;83(11):472-3 (Spa)

[Anxiolytic-hypnotic drugs in legal medical care—extent of use and abuse] **Lakartidningen** 1984 Oct 10;81(41):3690-2 (Swe)

ECONOMICS

Comparison of prescription costs within a group practice. Baumgard L, et al. **Br Med J [Clin Res]** 1984 Nov 3; 289(6453):1196-7

Use of medications on the restricted list by the elderly. Vetter NJ, et al. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1712-4

Cost-containment of antimicrobial therapy. Barriere SL. **Drug Intell Clin Pharm** 1985 Apr;19(4):278-81

Drug use and expenditures in 1982. Baum C, et al. **JAMA** 1985 Jan 18;253(3):382-6

LEGISLATION & JURISPRUDENCE

Limited lists of drugs: lessons from abroad [letter] Sanders JC. **Br Med J [Clin Res]** 1985 Mar 2;290(6469):710

Limited lists of drugs: lessons from abroad. Smith T. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):532-4

Controlling distribution of drugs [letter] Lane DM. **J Am Vet Med Assoc** 1984 Oct 1;185(7):722-3

TRENDS

Medicinal self-poisoning and prescription frequency. Forster DP, et al. **Acta Psychiatr Scand** 1985 Jun;71(6):567-74

Changing pattern of drug utilization in a neonatal intensive care unit. Aranda JV, et al. **Am J Perinatol** 1983 Oct; 1(1):28-30

Persistence of improvement in antibiotic prescribing in office practice. Ray WA, et al. **JAMA** 1985 Mar 22-29; 253(12):1774-6

Treating insomnia [editorial] **Lancet** 1985 Aug 3;2(8449):253

[Scientific bases for the effective use of drugs in medical care based on an analysis of drug utilization. Goal and content of utilization analysis. Use of analysis results in the collaboration of pharmaceutical and medical care areas] Görlt H, et al. **Z Arztl Fortbild (Jena)** 1984;78(16):661-6 (Ger)

[Trends in drug utilization in Valladolid and the province (letter)] Martín Arias L, et al. **Med Clin (Barc)** 1985 May 11;84(18):758 (Spa)

DRUG WITHDRAWAL SYMPTOMS see **SUBSTANCE WITHDRAWAL SYNDROME**

DRUGS

see related

PLANTS, MEDICINAL

Drugs affecting lipid metabolism VIII. Proceedings of the Eighth International Symposium on Drugs Affecting Lipid Metabolism, July 27-30, 1983, Philadelphia, Pennsylvania. **Adv Exp Med Biol** 1985;183:1-502

Drugs, prostaglandins, and renal function. Patrono C, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:131-9 (31 ref.)

New drugs. Hands-on experience. Moree NA. **Am J Nurs** 1985 Mar;85(3):252-9

New drugs and drug delivery systems in the year 2000. Check WA. **Am Pharm** 1984 Sep;NS24(9):44-56

New drugs 1984. Hussar DA. **Am Pharm** 1985 Mar; NS25(3):50-68

Macromolecules as drugs and as carriers for biologically active materials. **Ann NY Acad Sci** 1985;446:1-458

The addiction experience as a function of the addict's history. Viney LL, et al. **Br J Clin Psychol** 1985 May;24 (Pt 2):73-82

How many medicines are there? Snell ES, et al. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):773-4

Effects of the new anti-mafia law on the proceeds of crime and on the Italian economy. Arlacchi P. **Bull Narc** 1984 Oct-Dec;36(4):91-100

Commonwealth initiatives in the tracing, seizing, freezing and forfeiture of drug proceeds. Chaikin DA. **Bull Narc** 1984 Oct-Dec;36(4):111-4

An assessment of legal measures to trace, freeze and confiscate the proceeds of drug crimes in France: the Customs viewpoint. Jacquemart C. **Bull Narc** 1984 Oct-Dec;36(4):43-50

Forfeiture of the proceeds of drug trafficking. Nagler N. **Bull Narc** 1984 Oct-Dec;36(4):21-30

Forfeiture of the proceeds of drug-related crimes: a Swedish point of view. Riberdahl S, et al. **Bull Narc** 1984 Oct-Dec; 36(4):51-9

Forfeiture of the profits and proceeds of drug crimes. Stamler RT. **Bull Narc** 1984 Oct-Dec;36(4):3-19

Illicit traffic and abuse of cocaine. Stamler RT, et al. **Bull Narc** 1984 Apr-Jun;36(2):45-55

Forfeiture of the profits and proceeds derived from drug trafficking: thoughts on future action in Malaysia. Vohrah KC. **Bull Narc** 1984 Oct-Dec;36(4):31-41

Pharmaceutical advertising in medical journals [letter] Lexchin J. **Can Med Assoc J** 1984 Sep 15;131(6):544-6

Proceedings of the Australasian Society of Clinical and Experimental Pharmacologists. 17th annual meeting, 12-14 December 1983, University of Newcastle, N.S.W. Abstracts. **Clin Exp Pharmacol Physiol [Suppl]** 1984; (8):31-139

Proceedings of the Australasian Society of Clinical and Experimental Pharmacologists. Meeting, 19-20 May 1983, University of Auckland, New Zealand. Abstracts. **Clin Exp Pharmacol Physiol [Suppl]** 1984;(8):1-30

Drug mechanisms. National Academy of Clinical Biochemistry. 8th annual meeting. Washington, D.C., July 27-28, 1984. **Clin Physiol Biochem** 1985;3(2-3):65-156

Safer chemicals through molecular design. Symposium. Arlington, Virginia, September 11-15, 1983. **Drug Metab Rev** 1984;15(5-6):873-1159

The interactions between the drug industry and the prescribers and their effects on the quality and quantity of drugs [editorial] Juma FD. **East Afr Med J** 1984 Nov; 61(11):793-6

Social learning and teenage drug use: an analysis of family dyads. Rittenhouse JD, et al. **Health Psychol** 1984; 3(4):329-45

Experimental medical devices, drugs and techniques. Their future social, medical and political implications (Part 1). Bowen OR. **Indiana Med** 1984 Jun;77(6):450-3

Development of a drug and alcohol information survey. Gough HG. **Int J Addict** 1985 Apr;20(4):519-26

'Turning on' other persons to drugs. Voss HL, et al. **Int J Addict** 1984 Sep;19(6):633-52

The nonmedical use of amphetamines among the college age group: recent research concerning epidemiology and toxicity. Nicholi AM Jr. **J Am Coll Health** 1984 Aug; 33(1):39-43

Contracting for treatment termination to reduce illicit drug use among methadone maintenance treatment failures. Dolan MP, et al. **J Consult Clin Psychol** 1985 Aug; 53(4):549-51

Effects of type of examiner, sex, and year in school on self report of drug use by high school students. McClary SA, et al. **J Drug Educ** 1985;15(1):49-55

Illicitly imported heroin products: some physical and chemical features indicative of their origin. Part II. O'Neil PJ, et al. **J Forensic Sci** 1985 Jul;30(3):681-91

British Pharmaceutical Conference 1984. Science proceedings, 121st meeting, Southampton, September 11-14, 1984. Abstracts. **J Pharm Pharmacol** 1984 Dec;36 Suppl:1P-90P

Tradition, cultural patterns and drug availability as predictors of youthful drug abuse: a comparison of Malaysia with post-revolutionary Iran. Spencer C. **J Psychoactive Drugs** 1985 Jan-Mar;17(1):19-24

Drugs, doctors and style of life. Tayback M. **JPMA** 1985 Apr;35(4):126-31

The limited list of NHS drugs and its effect on their price. Deitch R. **Lancet** 1985 May 11;1(8437):1113

Drugs and exercise. Rosenbloom D, et al. **Med Clin North Am** 1985 Jan;69(1):177-87 (46 ref.)

Misuse, abuse and diversion of prescription drugs. A Missouri response. Corcoran EG. **Mo Med** 1984 Nov;81(11):733-5

Matching prescription drugs and consumers. The benefits of direct advertising. Masson A, et al. **N Engl J Med** 1985 Aug 22;313(8):513-5

Developmental patterns of the use of legal, illegal, and medically prescribed psychotropic drugs from adolescence to young adulthood. Kandel DB, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1985;56:193-235

Deutsche Pharmakologische Gesellschaft. Abstracts, 26th spring meeting. March 12-15, 1985, Mainz. **Naunyn Schmiedebergs Arch Pharmacol** 1985;329 Suppl:R1-104

Taljaribu kila dawa isifal: yohimbine intoxication. Mack RB. **NC Med J** 1985 Apr;46(4):229-30

Trends in drug discrimination research analysed with a cross-indexed bibliography, 1982-1983. Stolerman IP, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):1-11 (191 ref.)

Physicians' responsibility in the drug development process. Riess DY. **South Med J** 1984 Sep;77(9):1157-9

International nonproprietary names for pharmaceutical substances. **WHO Chron** 1984;38(6):suppl 1-11

International nonproprietary names for pharmaceutical substances. **WHO Chron** 1985;39 Suppl:1-25

International nonproprietary names for pharmaceutical substances. **WHO Chron** 1984;38(4 Suppl):1-27

[History of the State Institute for Drug Control (1918-1983). II. Development of the State Institute for Drug Control (1952-1983)] Drábek P. **Cesk Farm** 1984 Jun;33(5):201-9 (Eng. Abstr.) (Cze)

[New original preparations developed at the VUFB in Prague] Křepelka J. **Cesk Farm** 1985 Feb;34(1):17-22 (Cze)

[Drugs: what's in a name?] de Ru H. **Ned Tijdschr Geneeskd** 1984 Aug 18;128(33):1576-7 (Dut)

[The evolution of illegal drug addiction in France in the last decade] Lépine P. **Bull Acad Natl Med (Paris)** 1984 Jan-Feb;168(1-2):189-94 (Fre)

[The distribution of the use of addictive drugs according to the Sully Ledermann model] Nahas G. **Bull Acad Natl Med (Paris)** 1984 Jan-Feb;168(1-2):195-201 (Eng. Abstr.) (Fre)

[Food and drugs] Aiache JM. **J Pharm Belg** 1984 May-Jun; 39(3):173-84 (Fre)

[Drugs of the future] Malangeau P. **J Pharm Belg** 1984 May-Jun;39(3):159-72 (Fre)

[Progress in the field of drug development. 17] Délenk-Heydenreich K, et al. **Pharmazie** 1984 Nov; 39(11):725-37 (65 ref.) (Ger)

[Method for the determination of prices of pharmaceutical specialties as an instrument for improving investments in research] Desideri D. **Boll Chim Farm** 1984 Nov; 123(11):493-504 (Ita)

[Changes in electrical conductivity of various drugs in an aqueous frozen phase. I. The measurement of eutectic temperature and collapse temperature at amorphous freezing] Inoue M, et al. **Yakugaku Zasshi** 1984 Sep; 104(9):966-72 (Eng. Abstr.) (Jpn)

[Study of crystalline drugs by means of polarizing microscope. VII. Polarizing microscopy of crystalline drugs listed in the Japanese Pharmacopoeia X (3)] Watanabe A, et al. **Yakugaku Zasshi** 1985 May; 105(5):481-90 (Eng. Abstr.) (Jpn)

[Quantitative assessments of synergism] Lystsov VN, et al. **Radiobiologiia** 1985 Jan-Feb;25(1):43-6 (Eng. Abstr.) (Rus)

ADMINISTRATION & DOSAGE

Cost savings from kinetics services [letter] Holt RJ. **Am J Hosp Pharm** 1985 Apr;42(4):786-7

Using body surface area adjustments in amputees [letter] Hutson PR. **Am J Hosp Pharm** 1985 May;42(5):1048-9

How do I administer medication by NG? Birdsall C, et al. **Am J Nurs** 1984 Oct;84(10):1259-60, 1284

Simplified vasoactive drug infusion [letter] DiNardo JA, et al. **Anesthesiology** 1985 Aug;63(2):230

An even simpler way to determine drug infusion rates [letter] McKiernan EP. **Anesthesiology** 1985 Oct;63(4):459-60

A simple nomogram for determining drug infusion rates [letter] Tanaka K. **Anesthesiology** 1985 Jan;62(1):98-9

Pediatric code drugs: a table for simplifying calculations. Beyda DH, et al. **Ann Emerg Med** 1984 Dec;13(12):1111-2

Microcapsules for new animal drugs. Arnold RG. **Appl Biochem Biotechnol** 1984;10:237-43

Kinetic model identification of drug release from microcapsules using the nonlinear regression search procedure. Benita S. **Appl Biochem Biotechnol** 1984; 10:255-8

Preparation and in vivo studies of a new drug delivery system. Nanoparticles of alkylcyanoacrylate. Maincent P, et al. **Appl Biochem Biotechnol** 1984;10:263-5

Drug targeting by drug entrapment into ultrafine compartments as carriers. Speiser P. **Appl Biochem Biotechnol** 1984;10:221-35

Red blood cells as carriers for drugs. A method for disseminating chemotherapeutics, hormones, enzymes and other therapeutic agents via the circulatory system. First International Conference on Red Blood Cell Carriers. Bellagio (Italy), February 27-March 2, 1984. **Bibl Haematol** 1985;(51):1-162

Comparison and potential of hypo-osmotic and iso-osmotic erythrocyte ghosts and carrier erythrocytes as drug and enzyme carriers. Chalmers RA. **Bibl Haematol** 1985; (51):15-24

Hypotonic dialysis encapsulation in erythrocytes of mammalian species. DeLoach JR. **Bibl Haematol** 1985; (51):1-6

Encapsulation and pharmacokinetics of drugs in bovine and canine carrier erythrocytes. DeLoach JR. **Bibl Haematol** 1985;(51):36-41

Carrier erythrocytes: a prospectus for the future. DeLoach JR, et al. **Bibl Haematol** 1985;(51):157-9

The use of erythrocytes for delivery of chemotherapeutic agents to the reticuloendothelial system. Lynch WE, et al. **Bibl Haematol** 1985;(51):42-9

Encapsulation and targeting of drugs in electrically hemolysed red cells. Mishra KP, et al. **Bibl Haematol** 1985; (51):115-26

Use of voltage pulses for the pore opening and drug loading, and the subsequent resealing of red blood cells. Tsong TY, et al. **Bibl Haematol** 1985;(51):108-14

Modelling of drug release kinetics from a laminated device having an erodible drug reservoir. Thombre AG, et al. **Biomaterials** 1984 Sep;5(5):250-4

Pharmacological and therapeutic aspects of drug administration by rate-controlled drug delivery systems steady-state pharmacology. Urquhart J. **Boll Chim Farm** 1984 Apr;123(4):155-68 (30 ref.)

Drug use and religious affiliation, feelings and behaviour. Adlaf EM, et al. **Br J Addict** 1985 Jun;80(2):163-71

Drugs and intravenous fluids [letter] **Br Med J [Clin Res]** 1984 Oct 6;289(6449):922

Drugs and intravenous fluids [editorial] Breckenridge A, et al. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):637-8

A guide to the clinical examination, chemical restraint and medication of the camel. Higgins AJ, et al. **Br Vet J** 1984 Sep-Oct;140(5):485-504

Comparison of drug dosing methods. Burton ME, et al. **Clin Pharmacokinet** 1985 Jan-Feb;10(1):1-37 (209 ref.)

Selection of optimal dose. Khan MK, et al. **Comput Biomed Res** 1985 Apr;18(2):193-203

A simple algorithm for the solution of the multiple dosing problem. Hacisalihzade SS. **Comput Methods Programs Biomed** 1985 May;20(1):69-77

Simplified method for mu/kg.min intravenous infusion [letter] Doyle DJ. **Crit Care Med** 1985 Oct;13(10):874

Drug and alcohol use by disabled and nondisabled persons: a comparative study. Dean JC, et al. **Int J Addict** 1985 Apr;20(4):629-41

Alcohol and drug use in the elderly visited at home. Malcolm MT. **Int J Addict** 1984 Jul;19(4):411-8

Optimal dosage regimen calculation program based on the remaining drug concentrations in plasma. Takada K, et al. **Int J Biomed Comput** 1985 May;16(3-4):267-75

Recent advances in methods of drug administration for animals. Bowen JM. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1102-5 (24 ref.)

Drug targeting—current aspects and future prospects. Pouton CW. **J Clin Hosp Pharm** 1985 Mar;10(1):45-58 (66 ref.)

Rate dependency, behavioral mechanisms, and behavioral pharmacology. Branch MN. **J Exp Anal Behav** 1984 Nov;42(3):511-22

The effect of formulation on oesophageal transit. Channer KS, et al. **J Pharm Pharmacol** 1985 Feb;37(2):126-9

Intranasal drug delivery by spray and drops. Hardy JG, et al. **J Pharm Pharmacol** 1985 May;37(5):294-7

Characterization of polyacryl starch microparticles as carriers for proteins and drugs. Artursson P, et al. **J Pharm Sci** 1984 Nov;73(11):1507-13

Central vein catheterisation [letter] **Lancet** 1984 Oct 6;2(8406):815

The effects of drug counseling and other educational strategies on drug utilization of the elderly. Hammarlund ER, et al. **Med Care** 1985 Feb;23(2):165-70

Effective and efficient use of drug level measurements to guide medication dosing. Kauffman RE. **Pediatr Ann** 1985 Apr;14(4):332-4, 336, 339

The preparation and characterization of poly(D,L-lactic acid) for use as a biodegradable drug carrier. Rak J, et al. **Pharm Acta Helv** 1985;60(5-6):162-9

Innovations in drug delivery. Conrad KA. **Postgrad Med** 1984 Oct;76(5):71-3, 75-9

Chemical approaches to drug delivery to the central nervous system. Gardner CR. **Psychopharmacol Bull** 1985;21(3):657-62

Osmotic fragility of drug carrier erythrocytes. Sprandel U, et al. **Res Exp Med (Berl)** 1985;185(1):77-85

[Preparation of dilutions according to patient's weight for the continuous administration of drugs] Chacornac R. **Cah Anesthesiol** 1984 Dec;32(8):681-3 (Fre)

[Monoclonal antibodies and the targeting of drugs] Couvreur P. **J Pharm Belg** 1984 Jul-Aug;39(4):249-54 (Eng. Abstr.) (Fre)

[Pharmacological aspects of intensive animal husbandry—experiences in Bulgaria] Droumev D. **DTW** 1984 Oct 8;91(10):372-4 (Eng. Abstr.) (Ger)

[Concept and design of transdermal therapeutic systems] Asche H. **Schweiz Rundsch Med Prax** 1985 Mar 12;74(11):257-60 (Eng. Abstr.) (Ger)

[Trends in drug delivery] Sezaki H. **Yakugaku Zasshi** 1984 Dec;104(12):1211-22 (68 ref.) (Eng. Abstr.) (Jpn)

[Possibilities of using ferromagnetic materials for targeted drug transport] Papisov MI, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):372-4 (Eng. Abstr.) (Rus)

[Research on the in vivo localization of carriers for magnetically directed transport of drugs] Rusetskii AN, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1984;7(2):92-5 (Rus)

[Drugs for rectal administration (a review of the literature)] Golovkin VA, et al. **Vrach Delo** 1984 Nov;(11):7-11 (123 ref.) (Rus)

ADVERSE EFFECTS

Drug use during pregnancy and breast-feeding. A classification system for drug information. Berglund F, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;126:1-55

Clinicopathologic spectrum of drug nephrotoxicity. Maher JF. **Adv Intern Med** 1984;30:295-316 (90 ref.)

Priorities in the benefit-risk assessment of new drugs. Venning GR. **Adverse Drug React Acute Poisoning Rev** 1984 Summer;3(2):113-21

The use of drugs in torture and human rights abuses. Kirschner RH. **Am J Forensic Med Pathol** 1984 Dec;5(4):313-5

Hearing or sight defects and drug use in the elderly [letter] Small RE, et al. **Am J Hosp Pharm** 1985 Jan;42(1):54, 56

Better reporting of adverse drug reactions [editorial] Abrutyn E. **Ann Intern Med** 1985 Feb;102(2):264-5

The diseased lung and drugs. Camus P, et al. **Arch Toxicol [Suppl]** 1984;7:66-87

Drug toxicity and hormonal dysfunction. Eichelbaum M. **Arch Toxicol [Suppl]** 1984;7:39-47

Drug-induced cardionecrosis. Godfraind T. **Arch Toxicol [Suppl]** 1984;7:1-15

Alterations of drug toxicity in neuropsychiatric disease states. Perucca E, et al. **Arch Toxicol [Suppl]** 1984;7:48-57

Unusual skin manifestations of drug photosensitivity. Burry JN. **Australas J Dermatol** 1984 Dec;25(3):115-7

The use and abuse of drugs in pregnancy. Cameron IT. **Br J Hosp Med** 1984 Oct;32(4):182, 184, 186

Under-reporting of adverse drug reactions [letter] Inman WH. **Br Med J [Clin Res]** 1985 May 4;290(6478):1355

A study of adverse reaction algorithms in a drug surveillance program. Louik C, et al. **Clin Pharmacol Ther** 1985 Aug;38(2):183-7

Kidney, small proteins and drugs. 3rd International Symposium of Nephrology. Montecatini Terme, May 3-5, 1983. **Contrib Nephrol** 1984;42:1-261

Adulterants in heroin/cocaine: implications concerning heroin-associated nephropathy. Cunningham EE, et al. **Drug Alcohol Depend** 1984 Sep;14(1):19-22

Vaccine-drug interactions. D'Arcy PF. **Drug Intell Clin Pharm** 1984 Sep;18(9):697-700 (36 ref.)

Impact on perception of side effects [letter] Meyer LE, et al. **Drug Intell Clin Pharm** 1985 Mar;19(3):213

Environmental and drug-induced hyperthermia. Pathophysiology, recognition, and management. Olson KR, et al. **Emerg Med Clin North Am** 1984 Aug;2(3):459-74

European system for reporting of adverse reactions and drug defects: second report 1982-1983. **Eur J Nucl Med** 1984;9(8):388-9

Attitudes of physicians, pharmacists, and laypersons toward seriousness and need for disclosure of prescription drug side effects. Keown C, et al. **Health Psychol** 1984;3(1):1-11

Inherent limitations of the yellow card system for the detection of unsuspected adverse drug reactions. Crombie I. **Hum Toxicol** 1984 Aug;3(4):261-9

Adverse drug reactions. Lawson DH. **Hum Toxicol** 1985 Mar;4(2):122-6

Drugs affecting blood coagulation and hemostasis. Giddings JC, et al. **Int Anesthesiol Clin** 1985 Summer;23(2):103-23

Drug and vitamin interactions in adults. Basu TK. **Int Z Vitam Ernahrungsforsch [Beih]** 1984;26:157-68

Adverse drug reactions: the magnitude of the problem. Jick H. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 2):555-7

Adverse drug reactions in long-term care facility residents. Budden F. **J Am Geriatr Soc** 1985 Jun;33(6):449-50

Adverse drug reaction monitoring in Kuwait (1981-1984). Moussa MA, et al. **J Clin Pharmacol** 1985 Apr;25(3):176-81

Adverse drug reaction reporting and the family physician. Kaplan AS. **J Fam Pract** 1984 Oct;19(4):563-4

Providing an information service on drugs and breast milk [letter] Broughton HR. **J R Soc Health** 1984 Dec;104(6):232

Adverse effects of drugs—their causes and prevention. Parke DV. **J R Soc Health** 1985 Apr;105(2):39-46

An unhappy outlook for drug therapy [letter] Dawes PT, et al. **Lancet** 1984 Oct 13;2(8407):863

Pharmaceutical companies and unexpected drug side-effects [letter] Iwarson S. **Lancet** 1985 Mar 9;1(8428):580

Effects of drugs and chemicals on the fetus and newborn (2). Hill LM, et al. **Mayo Clin Proc** 1984 Nov;59(11):755-65 (233 ref.)

Experience with drugs and driving in Queensland, Australia. Wilson D. **Med Sci Law** 1985 Jan;25(1):2-10

New drugs: to use or not to use. Pepper GA. **Nurse Pract** 1985 Feb;10(2):37, 41-2

Adverse drug reactions letter] Ridley-Smith RM. **NZ Med J** 1984 Nov 28;97(768):829

Maternal drugs and congenital heart disease. Zierler S. **Obstet Gynecol** 1985 Feb;65(2):155-65 (79 ref.)

Drugs and other xenobiotics as teratogens. Tuchmann-Duplessis H. **Pharmacol Ther** 1984;26(3):273-344 (295 ref.)

Immunology of adverse drug reactions. Witte KW, et al. **Pharmacotherapy** 1982 Jan-Feb;2(1):54-65 (47 ref.)

Hospital admissions for adverse reactions to drugs and deliberate self-poisoning. Cooke DI, et al. **S Afr Med J** 1985 May 11;67(19):770-2

Set and serendipity in the detection of drug hazards. Melville A. **Soc Sci Med** 1984;19(4):391-6

[Drugs and myasthenia gravis] Petrášek J. **Cas Lek Cesk** 1984 Aug 31;123(35):1099 (Cze)

[Contact lenses and drug use] Polak BC, et al. **Ned Tijdschr Geneeskd** 1984 Aug 25;128(34):1622-5 (Eng. Abstr.) (Dut)

[Reactions and interactions of drugs] D'Arcy PF. **J Pharm Belg** 1984 Sep-Oct;39(5):317-21 (Fre)

[Variations in risk factors in the use of drugs] Fossoul C. **J Pharm Belg** 1984 Sep-Oct;39(5):292-8 (Eng. Abstr.) (Fre)

[Is it necessary to publish the adverse effects of drugs? (editorial)] Lemaire F. **Presse Med** 1985 May 4;14(18):1003 (Fre)

[Glaucoma: drug contraindications] Collignon J, et al. **Rev Med Liege** 1985 May 1;40(9):365-8 (Fre)

[Imputation of the unexpected or toxic effects of drugs. Actualization of the method used in France] Bégaud B, et al. **Therapie** 1985 Mar-Apr;40(2):111-8 (Eng. Abstr.) (Fre)

[Drug surveillance as seen by the general practitioner. Apropos of a survey of 4175 physicians] Begaud B, et al. **Therapie** 1984 Sep-Oct;39(5):453-7 (Fre)

[Is establishment of causality in drug surveillance reliable? (letter)] Evreux JC. **Therapie** 1984 Jul-Aug;39(4):437-8 (Fre)

[Theoretical uncertainties and empirical truths in drug monitoring] Girard M. **Therapie** 1985 Jul-Aug;40(4):257-62 (Eng. Abstr.) (Fre)

[Evaluation of drug-induced hepatic complications collected by the French drug surveillance organization] Jean-Pastor MJ, et al. **Therapie** 1984 Sep-Oct;39(5):493-500 (Eng. Abstr.) (Fre)

[Is rechallenge necessary for complete imputability? Comparative value of 7 methods of determining imputability] Loupi E, et al. **Therapie** 1984 Sep-Oct;39(5):461-6 (Fre)

[Methods for studying the adverse effects of drugs. II. Profile and comparison of 5 methods for establishing causality] Péré JC, et al. **Therapie** 1984 Jul-Aug;39(4):369-76 (Eng. Abstr.) (Fre)

[Concepts of the incidence and severity of undesirable effects. The point of view of the generalist] Péré JC, et al. **Therapie** 1984 Sep-Oct;39(5):447-52 (Fre)

[Drug-induced Lyell's syndrome] Roujeau JC, et al. **Therapie** 1984 Jul-Aug;39(4):434-7 (Fre)

[Generation of thrombophilic states by drugs] Klöcking HP. **Folia Haematol (Leipz)** 1984;111(4):441-9 (Eng. Abstr.) (Ger)

[Drug-induced lesions in the upper gastrointestinal tract] Börsch G, et al. **Med Monatsschr Pharm** 1984 Aug;7(8):227-32 (40 ref.) (Ger)

[Adverse effects of drugs on sexual behavior and fertility in males] Przybilla B, et al. **Med Monatsschr Pharm** 1984 Jul;7(7):197-208 (Ger)

[Unwanted and toxic drug effects] Dominok GW, et al. **Z Arztl Fortbild (Jena)** 1984;78(23):973-6 (Ger)

[Bone marrow-damaging effect of various drugs] Hadnagy C, et al. **Z Arztl Fortbild (Jena)** 1985;79(9):385-9 (Ger)

[Risk of pharmacotherapy from the viewpoint of the pathologist] Haupt R. **Z Arztl Fortbild (Jena)** 1984;78(23):985-8 (Ger)

[Risk of pharmacotherapy from the viewpoint of the internist] Mähr G. **Z Arztl Fortbild (Jena)** 1984;78(23):989-92 (Ger)

[Side-effects of drugs on the male sexual function] Przybilla B, et al. **Z Hautkr** 1985 Jul 15;60(14):1105-8, 1113-4, 1119-22 (42 ref.) (Eng. Abstr.) (Ger)

[Side effects of drugs on male fertility] Schill WB, et al. **Z Hautkr** 1985 Jul 1;60(13):1066, 1069-76, 1079-82 (41 ref.) (Eng. Abstr.) (Ger)

[Manipulation of high-activity pharmaceuticals in secure conditions] Bigagli R. **Boll Chim Farm** 1984 Jul;123(7):313-6 (Ita)

[Drug-induced pathology. Clinical contribution] Carotti A, et al. **Minerva Med** 1984 Aug 25;75(32-33):1873-6 (Ita)

[Problems in the detection of the undesirable effects of drugs] Costa FV, et al. **Minerva Med** 1984 Aug 25;75(32-33):1867-9 (Ita)

[Current status of the problem of testing drugs for carcinogenicity] Shashkina LF, et al. **Farmakol Toksikol** 1985 May-Jun;48(3):107-13 (30 ref.) (Rus)

[Complications of local pharmacotherapy in ophthalmology] Mozherenkov VP, et al. **Vestn Oftalmol** 1985 Jan-Feb;101(1):62-5 (55 ref.) (Rus)

[Carcinogenicity of various drugs] Bilynskii BT, et al. **Vopr Onkol** 1984;30(8):13-22 (102 ref.) (Rus)

[Side effects and undesirable effects (letter)] Farré M, et al. **Med Clin (Barc)** 1985 Feb 9;84(5):207-8 (Spa)

[Swedish pharmaceutical insurance—experiences during 5 years] Boström H. **Nord Med** 1984;99(11):276-8 (Eng. Abstr.) (Swe)

ANALYSIS

Illicit heroin manufacturing byproducts: capillary gas chromatographic determination and structural elucidation of narcotine- and norlaudanosine-related compounds. Allen AC, et al. **Anal Chem** 1984 Dec;56(14):2940-7

Thermospray liquid chromatography/mass spectrometry determination of drugs and their metabolites in biological fluids. Covey TR, et al. **Anal Chem** 1985 Feb;57(2):474-81

Liquid chromatographic/mass spectrometric determination of optically active drugs. Crowther JB, et al. **Anal Chem** 1984 Dec;56(14):2921-6

Analytical chemistry in the drug development process. Frank MJ. **Anal Chem** 1985 Jan;57(1):69A-70A, 72A, 74A

Pharmaceuticals and related drugs. Gilpin RK, et al. **Anal Chem** 1985 Apr;57(5):29R-46R (692 ref.)

Solute-induced circular dichroism: drug discrimination by cyclodextrin. Han SM, et al. **Anal Chem** 1984 Dec;56(14):2827-30

Solute-induced circular dichroism: complexation of achiral drugs with cyclodextrin. Han SM, et al. **Anal Chem** 1984 Dec;56(14):2822-5

Evaluation of robot automated drug dissolution measurements. Papas AN, et al. **Anal Chem** 1985 Jun;57(7):1408-11

Determination of mercury in Chinese medicinal pills by cold vapour atomic-absorption spectrometry. Lau OW, et al. **Analyst** 1985 May;110(5):483-5

Therapeutic drug monitoring techniques: an overview. Pippenger CE. **Ann NY Acad Sci** 1984;432:129-37 (7 ref.)

Study of the concentration of the herbicide (2,4–dichlorophenoxy)–acetic acid in coca leaves and paste obtained from plants treated with this herbicide. Elsohly MA, et al. **Bull Narc** 1984 Apr–Jun;36(2):65–77

Chemical analysis of marker substances. Maickel RP. **Controlled Clin Trials** 1984 Dec;5(4 Suppl):556–67

Development of assays for drugs of abuse. Willette RE. **Controlled Clin Trials** 1984 Dec;5(4 Suppl):466–71

Facilitated transport across liquid/liquid interfaces and its relevance to drug diffusion across biological membranes. Barker N, et al. **Faraday Discuss Chem Soc** 1984;(77):97–104

Drug permeation through directly compressed polymeric barriers. Giordano F, et al. **Farmaco [Prat]** 1985 Aug; 40(8):253–8

An analysis of medicines of undisclosed composition for asthma or rheumatoid arthritis [letter] Basu N, et al. **Indian J Physiol Pharmacol** 1984 Apr–Jun;28(2):170–2

Impact of biological matrix, drug concentration, and method of isolation on detectability and variability of retention index values in gas chromatography. Bogusz M, et al. **J Anal Toxicol** 1985 Mar–Apr;9(2):49–54

An integrated methodological approach to the computer–assisted gas chromatographic screening of basic drugs in biological fluids using nitrogen selective detection. Dugal R, et al. **J Anal Toxicol** 1980 Jan–Feb;4(1):1–12

Screening biological samples for underivatized drugs using a splitless injection technique on fused silica capillary column gas chromatography. Ehresman DJ, et al. **J Anal Toxicol** 1985 Mar–Apr;9(2):55–62

4–Bromo–2,5–dimethoxyphenethylamine: identification of a new street drug. Ragan FA Jr, et al. **J Anal Toxicol** 1985 Mar–Apr;9(2):91–3

Radioimmunoassay screening and GC/MS confirmation of whole blood samples for drugs of abuse. Spiehler VR, et al. **J Anal Toxicol** 1985 Mar–Apr;9(2):63–6

Firefly and bacterial luminescence: basic science and applications. McElroy WD, et al. **J Appl Biochem** 1983 Jun;5(3):197–209

Performance characteristics of methods of analysis used for regulatory purposes. I. Drug dosage forms. C. Automated methods. Horwitz W, et al. **J Assoc Off Anal Chem** 1985 Jan–Feb;68(1):112–21

Performance characteristics of methods of analysis used for regulatory purposes. I. Drug dosage forms. D. High pressure liquid chromatographic methods. Horwitz W, et al. **J Assoc Off Anal Chem** 1985 Mar–Apr;68(2):191–8

Liquid chromatographic determination of organic nitrogenous bases in dosage forms: a progress report. Walker ST. **J Assoc Off Anal Chem** 1985 May–Jun; 68(3):539–42

Analytical strategies for therapeutic monitoring of drugs in biological fluids. de Silva JA. **J Chromatogr** 1985 May 10; 340:3–30 (62 ref.)

Computer–aided strategies for archive retrieval and sensitivity enhancement in the identification of drugs by photodiode array detection in high–performance liquid chromatography. Fell AF, et al. **J Chromatogr** 1984 Dec 21;316:423–40

High–performance liquid chromatographic analysis of basic drugs on silica columns using non–aqueous ionic eluents. I. Factors influencing retention, peak shape and detector response. Flanagan RJ, et al. **J Chromatogr** 1985 Apr 26; 323(2):173–89

High–performance liquid chromatography systems for the separation of local anaesthetic drugs with applicability to the analysis of illicit cocaine samples. Gill R, et al. **J Chromatogr** 1984 Sep 28;301(1):155–63

Automated gas chromatographic method for the determination of residual solvents in bulk pharmaceuticals. Haky JE, et al. **J Chromatogr** 1985 Mar 8;321(1):137–44

High–performance liquid chromatographic analysis of basic drugs on silica columns using non–aqueous ionic eluents. II. Application of UV, fluorescence and electrochemical oxidation detection. Jane I, et al. **J Chromatogr** 1985 Apr 26;323(2):191–225

High–performance liquid chromatography retention data for 84 basic drugs of forensic interest on a silica column using an aqueous methanol eluent. Law B, et al. **J Chromatogr** 1984 Sep 28;301(1):165–72

Influence of solute polarity in column–switching chromatography for the assay of drugs in plasma and urine. Lecaillon JB, et al. **J Chromatogr** 1984 Dec 28;317:493–506

Use of dual–column fused–silica capillary gas chromatography in combination with detector response factors for analytical toxicology. Perrigo BJ, et al. **J Chromatogr** 1985 May 31;341(1):81–8

Drug level monitoring: chromatography of some minor groups of drugs. Schwarz V, et al. **J Chromatogr** 1985 May 10;340:401–79 (454 ref.)

Application of indirect photometric chromatography to pharmaceutical analysis. Jenke DR, et al. **J Chromatogr Sci** 1985 Feb;23(2):75–80

Dynamic headspace analyses of residual volatiles in pharmaceuticals. Wampler TP, et al. **J Chromatogr Sci** 1985 Feb;23(2):64–7

The fate of pharmaceutical chemicals in the aquatic environment. Richardson ML, et al. **J Pharm Pharmacol** 1985 Jan;37(1):1–12 (18 ref.)

Difference spectrophotometric assay of 1,2–diphenolic drugs in pharmaceutical formulations II: Germanium dioxide reagent. Davidson AG. **J Pharm Sci** 1984 Nov; 73(11):1582–4

Gas chromatographic method for solvent residues in drug raw materials. Matsui F, et al. **J Pharm Sci** 1984 Nov; 73(11):1664–6

Evaluation of benefits of drug analysis in the routine clinical management of acute self poisoning. Rygnestad T, et al. **J Toxicol Clin Toxicol** 1984 Jul;22(1):51–61

Analysis of Fickian and non–Fickian drug release from polymers. Peppas NA. **Pharm Acta Helv** 1985;60(4):110–1

Application of the simple mathematical function for the quantitative description of in vitro release of drug agents from the ointment bases. Bialik W. **Pharmazie** 1984 Nov; 39(11):763–4

Evaluation by electron microscopy techniques of asbestos contamination in industrial, cosmetic, and pharmaceutical talcs. Paoletti L, et al. **Regul Toxicol Pharmacol** 1984 Sep; 4(3):222–35

Ethanol content of some pharmaceuticals available in the RSA. Dangor CM, et al. **S Afr Med J** 1985 Aug 3; 68(3):172–3

[Detection of antibiotics and/or chemotherapeutic agents in slaughtering pigs by a captive impedance measurement using the M 120 Bactometer] Schoenmakers MJ, et al. **Tijdschr Diergeneeskd** 1984 Sep 15;109(18):693–6 (Eng. Abstr.) (Dut)

[High performance liquid chromatographic assay of drugs containing caffeine] Alary J, et al. **Ann Pharm Fr** 1984; 42(3):249–55 (Eng. Abstr.) (Fre)

[Spectrophotometric determination of cation– and anion–active constituents of drugs following ion pair extraction] Riedl J, et al. **Arch Pharm (Weinheim)** 1985 May;318(5):470–2 (Ger)

[Adsorption of cationic amphiphilic drugs to antacids and adsorbents. 5. The desorption behavior of cationic amphiphilic drugs] Thoma K, et al. **Pharm Acta Helv** 1985; 60(4):98–105 (Eng. Abstr.) (Ger)

[Molecular galenical evaluation of the conventional handling of solids in homeopathy] Hüttenrauch R, et al. **Pharmazie** 1985 Feb;40(2):129–30 (Ger)

[The evaluation of non–isothermal short–term tests of drug solutions] Kersten D, et al. **Pharmazie** 1984 Aug; 39(8):541–6 (Eng. Abstr.) (Ger)

[Drug permeation through synthetic lipoid membranes. 18. The mechanism of ion–pair permeation proton countertransport] Neubert R, et al. **Pharmazie** 1985 Jun; 40(6):426–7 (Ger)

[The purity testing of drugs and drug preparations according to flexible pharmacopoeia instructions] Richter J, et al. **Pharmazie** 1985 May;40(5):323–4 (Eng. Abstr.) (Ger)

[Non–aqueous protometry as a pharmacopeia method of drug analysis] Safařík L, et al. **Pharmazie** 1984 Dec;39(12):843–52 (Ger)

[Extraction behavior of polypropylenes. 87. Problems in the use of plastic containers for fluid drugs] Schleuder M, et al. **Pharmazie** 1984 Aug;39(8):553–6 (Eng. Abstr.) (Ger)

[Comparative studies on the study of drug–excipient interactions with vapor pressure osmometry and equilibrium dialysis] Voigt R, et al. **Pharmazie** 1984 Nov; 39(11):760–3 (Eng. Abstr.) (Ger)

[Factors influencing the in vitro and in vivo liberation of drugs from hydrogels] Voigt R, et al. **Pharmazie** 1984 Sep; 39(9):618–20 (Eng. Abstr.) (Ger)

[Chemical analysis of veterinary drugs in food. 1. General methods and gas chromatographic procedures] Petz M. **Z Lebensm Unters Forsch** 1985 Apr;180(4):267–79 (79 ref.) (Eng. Abstr.) (Ger)

[Forensic–toxicologic importance of the detection of active ingredients of drugs in human bone remains] Benkö A, et al. **Morphol Igazsagugyi Orv Sz** 1984 Oct;24(4):300–4 (Eng. Abstr.) (Hun)

BLOOD

Effect of infusion pump fill–stroke flow interruptions on simulated serum concentrations of short half–life drugs. Floyd RA. **Am J Hosp Pharm** 1984 Nov;41(11):2399–400

Appropriateness of sampling times for therapeutic drug monitoring. Mason GD, et al. **Am J Hosp Pharm** 1984 Sep; 41(9):1796–801

Use of serum drug concentrations in outpatient clinics. Pitterle ME, et al. **Am J Hosp Pharm** 1985 Jul; 42(7):1547–52

Direct serum injection with micellar liquid chromatography for therapeutic drug monitoring. DeLuccia FJ, et al. **Anal Chem** 1985 Jul;57(8):1564–8

Evaluation of dual–wavelength spectrophotometry for drug level monitoring. Honda S, et al. **Anal Chem** 1984 Nov; 56(13):2352–4

Lipid solubility, pharmacokinetics, and the EEG: are you better off today than you were four years ago? Hug CC Jr. **Anesthesiology** 1985 Mar;62(3):221–6

Removal of therapeutic drugs by continuous arteriovenous hemofiltration. Golper TA, et al. **Arch Intern Med** 1985 Sep;145(9):1651–2

Effects of alcohol and other drugs on traumatized patients. Thal ER, et al. **Arch Surg** 1985 Jun;120(6):708–12

Predicative calculation of the efficiency of hemodialysis or hemoperfusion for the removal of drugs from the body. Wellhöner HH. **Arch Toxicol** 1985 Jan;56(3):182–9

Comparison of the erythrocyte partitioning method with two classical methods for estimating free drug fraction in plasma. Trung AH, et al. **Biopharm Drug Dispos** 1984 Jul–Sep;5(3):281–90

Recirculatory moment analysis of drugs in man: estimation of extraction ratio and mean cycle time for single systemic and pulmonary circulation. Yamaoka K, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):784–94

Drug–protein binding interferences caused by the plasticizer TBEP. Devine JE. **Clin Biochem** 1984 Dec;17(6):345–7

Analysis of assay errors in drug measurements from the Heathcontrol interlaboratory quality assessment schemes. Wilson JF, et al. **Clin Chim Acta** 1984 Nov 30;143(3):203–16

Choosing optimal sampling times for therapeutic drug monitoring. Schumacher GE. **Clin Pharm** 1985 Jan–Feb; 4(1):84–92

A calculator program for clinical application of the Bayesian method of predicting plasma drug levels. Ruffo S, et al. **Comput Programs Biomed** 1985;19(2–3):167–77

Placental drug transfer: methodological and therapeutic aspects. Boréus LO. **Dev Pharmacol Ther** 1984;7 Suppl 1:42–6

Therapeutic drug monitoring as a standard of care. McLeod DC, et al. **Drug Intell Clin Pharm** 1985 Jun;19(6):473–4

A rapid, universal TI–59 model–independent pharmacokinetic analysis program based on statistical moment theory. Reitberg DP, et al. **Drug Intell Clin Pharm** 1985 Feb;19(2):125–34

Effect of age and sex on the plasma binding of acidic and basic drugs. Verbeeck RK, et al. **Eur J Clin Pharmacol** 1984;27(1):91–7

Pharmacokinetic effects of altered plasma protein binding of drugs in renal disease. Keller F, et al. **Eur J Drug Metab Pharmacokinet** 1984 Jul–Sep;9(3):275–82

Drugs in motorists traveling Swedish roads: on–the–road–detection of intoxicated drivers and screening for drugs in these offenders. Holmgren P, et al. **Forensic Sci Int** 1985 Jan;27(1):57–65

Differential effects of hepatic cirrhosis on the plasma protein binding of drugs. García–Morillas M, et al. **Int J Clin Pharmacol Res** 1984;4(5):327–33

A simple approach to estimate the variability of individual plasma drug concentrations in patients at a standardized multiple dosing regimen. Barthel W **Int J Clin Pharmacol Ther Toxicol** 1985 Jun;23(6):305–10

Effect of flow rate and blood cellular elements on the efficiency of red blood cell targeting to collagen–coated surfaces. Samokhin GP, et al. **J Appl Biochem** 1984 Feb–Apr;6(1–2):70–5

Drug level monitoring. **J Chromatogr** 1985 May 10;340:1–495

Serum drug level utilization review in a family medicine residency program. Ives TJ, et al. **J Fam Pract** 1984 Oct; 19(4):507–12

An evaluation of fused silica capillary columns for the screening of basic drugs in postmortem blood: qualitative and quantitative analysis. Koves EM, et al. **J Forensic Sci** 1985 Jul;30(3):692–707

A note on the rôle of generalized inverse Gaussian distributions of circulatory transit times in pharmacokinetics. Weiss M. **J Math Biol** 1984;20(1):95–102

Clinical pharmacokinetics: a simplified approach, Part I. Perlin E, et al. **J Natl Med Assoc** 1985 Jun;77(6):475–82

Effect of nonlinear protein binding on equilibration times for different initial conditions. Bayne WF, et al. **J Pharm Sci** 1985 Feb;74(2):120–3

Altered drug–serum protein binding in the genetically obese Zucker rat. Benedek IH, et al. **J Pharm Sci** 1985 Aug; 74(8):837–40

Area under blood level versus time curves at steady state for daily dosing at unequal dosing intervals. Bolton S. **J Pharm Sci** 1984 Oct;73(10):1501

The mean residence time of drugs in the systemic circulation. Veng–Pedersen P, et al. **J Pharm Sci** 1985 Jul;74(7):791–2

Comprehensive toxicology screening: the frequency of finding other drugs in addition to ethanol. Bailey DN. **J Toxicol Clin Toxicol** 1984;22(5):463–71

What therapeutic drugs should be monitored? [editorial] **Lancet** 1985 Aug 10;2(8450):309–10

Therapeutic drug monitoring [letter] **Lancet** 1985 Aug 31; 2(8453):497–8

Problems in designing hemodialysis drug studies. Gibson TP. **Pharmacotherapy** 1985 Jan–Feb;5(1):23–9

Performance of a new automated substrate–labeled fluorescence immunoassay system evaluated by comparative therapeutic monitoring of five drugs. Klotz U. **Ther Drug Monit** 1984;6(3):355–9

[Plasma binding of drugs. Pharmacological consequences and applications to anesthesia] Meistelman C, et al. **Agressologie** 1984 Nov;25(10):1125–9 (Fre)

[Drug dosage and therapeutic monitoring] Delwaide PA. **Rev Med Liege** 1985 Apr 15;40(8):316–26 (Fre)

[Drug monitoring in intensive care medicine] Ochs HR, et al. **Internist (Berlin)** 1984 Jun;25(6):336–40 (Ger)

[Drug level determination for optimization of drug therapy. Practical significance and new trends] Vožeh S. **Schweiz Rundsch Med Prax** 1984 Dec 4;73(49):1505–6 (Ger)

[Considerations in the determination of drug concentrations in the blood] Nishihara K, et al. **Iyodenshi To Seitai Kogaku** 1984 Aug;22(4):290–4 (20 ref.) (Jpn)

[Fluctuations in drug levels in animal and human blood after a single administration] Sinitsyn AN, et al. **Farmakol Toksikol** 1985 Jan–Feb;48(1):93–9 (30 ref.) (Rus)

CEREBROSPINAL FLUID

Cerebrospinal fluid uptake and peripheral distribution of centrally acting drugs: relation to lipid solubility. Ochs HR, et al. **J Pharm Pharmacol** 1985 Jun;37(6):428–31

CHEMICAL SYNTHESIS

The QSAR paradigm in the design of less toxic molecules. Hansch C. **Drug Metab Rev** 1984–85;15(7):1279–94 (42 ref.)

The clandestine drug laboratory situation in the United States. Frank RS. **J Forensic Sci** 1983 Jan;28(1):18–31

Scope of DNA cloning and chemical methods in development of chemotherapeutic agents. Narang SA, et al. **Pharmacol Ther** 1984;26(2):163–89 (174 ref.)

[Advances in drug design] Guo ZR. **Sheng Li Ko Hsueh Chin Chan** 1984 Jul;15(3):238–44 (29 ref.) (Chi)

[Development of research in the field of original Polish synthetic drugs] Szwarczyński W. **Arch Hist Med (Warsz)** 1984;47(3):443–6 (Eng. Abstr.) (Pol)

CLASSIFICATION

Classification of drugs on the basis of bilirubin-displacing effect on human serum albumin. Maruyama K, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2414–20

Classification of drugs according to receptor binding profiles. Closse A, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep;327(2):95–101

The classification of drugs and drug receptors in isolated tissues. Kenakin TP. **Pharmacol Rev** 1984 Sep;36(3):165–222 (714 ref.)

HISTORY

The drug trade in antiquity. Nutton V. **J R Soc Med** 1985 Feb;78(2):138–45

The introduction of a new sixteenth-century drug: terra Silesiaca. Dannenfeldt KH. **Med Hist** 1984 Apr;28(2):174–88

[100 years of development of chemical drugs] Nováček L. **Cesk Farm** 1984 Dec;33(10):444–7 (Cze)

[40 years of drugs] Offerhaus L. **Ned Tijdschr Geneeskd** 1985 May 4;129(18):838–41 (Dut)

[The history of drugs in Thuringia] Hellmuth H. **Pharmazie** 1985 May;40(5):353–5 (Ger)

[Organization of the German Pharmaceutical Councils and drug control in the so-called General Gouvernement 1939–1945] Jeśman C. **Arch Hist Med (Warsz)** 1984;47(3):403–15 (Eng. Abstr.) (Pol)

[Contribution of Avicenna to cosmetology] Belova LV. **Sov Zdravookhr** 1984;(9):53–6 (Rus)

IMMUNOLOGY

The interaction of drugs and endogeneous substances with HLA class-I antigens. Claas FH, et al. **Prog Allergy** 1985;36:135–50 (39 ref.)

ISOLATION & PURIFICATION

Direct liquid chromatographic separation of enantiomers on immobilized protein stationary phases. IV. Molecular interaction forces and retention behaviour in chromatography on bovine serum albumin as a stationary phase. Allenmark S, et al. **J Chromatogr** 1984 Dec 21;316:617–24

METABOLISM

General anaesthesia with halothane and drug absorption. The effect of general anaesthesia with halothane and diazepam on postoperative gastric emptying in man. Adelhøj B, et al. **Acta Anaesthesiol Scand** 1984 Aug;28(4):390–2

Significance of species and strain differences in pre- and perinatal toxicology. Neubert D, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:23–35 (12 ref.)

The effect of age on pathways of drug metabolism in human liver. Woodhouse KW, et al. **Age Ageing** 1984 Nov;13(6):328–34

How to establish a pharmacokinetics consulting service for ambulatory patients. Robinson JD, et al. **Am J Hosp Pharm** 1984 Oct;41(10):2048–53

Calculator programs for weighted least-squares iterative fits in pharmacokinetics. Ruffo S, et al. **Am J Hosp Pharm** 1985 Mar;42(3):628–30

A contribution to analysis of three-compartment models for intestinal weak electrolyte absorption. Lucas ML. **Am J Physiol** 1984 Nov;247(5 Pt 1):G463–7

Rapid screening and confirmation for drugs and metabolites in racing animals by tandem mass spectrometry. Brotherton HO, et al. **Am J Vet Res** 1984 Nov;45(11):2436–40

Site-specific analysis of drug interactions and damage in DNA using sequencing techniques. Wilkins RJ. **Anal Biochem** 1985 Jun;147(2):267–79 (72 ref.)

The effect of halothane on drug disposition: contribution of changes in intrinsic drug metabolizing capacity and hepatic blood flow. Reilly CS, et al. **Anesthesiology** 1985 Jul;63(1):70–6

Further comments regarding drug disposition in the surgical patient [letter] Veseli ES, et al. **Anesthesiology** 1985 Jan;62(1):95–6

Monitoring of drugs in breast milk. Wong SH. **Ann Clin Lab Sci** 1985 Mar–Apr;15(2):100–5

Elimination half-life of drugs: value and limitations. Greenblatt DJ. **Annu Rev Med** 1985;36:421–7

The pulmonary uptake, accumulation, and metabolism of xenobiotics. Bend JR, et al. **Annu Rev Pharmacol Toxicol** 1985;25:97–125 (170 ref.)

Pharmacokinetic pitfalls in the estimation of the breast milk/plasma ratio for drugs. Wilson JT, et al. **Annu Rev Pharmacol Toxicol** 1985;25:667–89 (63 ref.)

Effects of prochloraz on drug metabolism in the Japanese quail, grey partridge, chicken, and pheasant. Rivière JL, et al. **Arch Environ Contam Toxicol** 1935 May;14(3):299–306

Species differences in oxidative drug metabolism: some basic considerations. Al-Dabbagh SG, et al. **Arch Toxicol [Suppl]** 1984;7:219–31

Active metabolites in toxicology: the role of cytochrome P-448 and flavoprotein oxidases. Parke DV, et al. **Arch Toxicol [Suppl]** 1984;7:183–92

KINPAK—a new program package for standardized evaluation of kinetic parameters. Betzien G, et al. **Arzneimittelforsch** 1985;35(1):14–20

Simulation studies of errors of parameter estimates in pharmacokinetics. Betzien G, et al. **Arzneimittelforsch** 1985;35(1):7–14

In vitro–in vivo correlation, a time scaling problem? Evaluation of mean times. Brockmeier D. **Arzneimittelforsch** 1984;34(11):1604–7

Drug metabolism in man and its relationship to that in three rodent species: monooxygenase, epoxide hydrolase, and glutathione S-transferase activities in subcellular fractions of lung and liver. Lorenz J, et al. **Biochem Med** 1984 Aug;32(1):43–56

9th European Workshop on Drug Metabolism. Pont-à-Mousson, France, 11–15 June 1984. **Biochem Pharmacol** 1985 Feb 1;34(3):377–466

Preparation and characterization of subcellular fractions from the head kidney of the Northern pike (Esox lucius), with particular emphasis on xenobiotic-metabolizing enzymes. Balk L, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):789–802

Activities of several phase I and phase II xenobiotic biotransformation enzymes in cultured hepatocytes from male and female rats. Croci T, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3029–35

Monoclonal antibodies for studies on xenobiotic and endobiotic metabolism. Cytochromes P-450 as paradigm. Gelboin HV, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2225–34 (60 ref.)

Neonatal chlordecone alteration of the ontogeny of sex-differentiated hepatic drug and xenobiotic metabolizing enzymes. Lamartiniere CA, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4092–5

Inhibition of hepatic microsomal drug metabolism by the calcium channel blockers diltiazem and verapamil. Renton KW. **Biochem Pharmacol** 1985 Jul 15;34(14):2549–53

Different effects of acute and chronic diabetes mellitus on hepatic drug metabolism in the rat. Skett P, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):287–9

Drug elimination function of rat small intestine: metabolism and intraluminal excretion. Yasuhara M, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3131–6

Hepatic extraction of endogenous inhibitors of drug binding to serum protein in the pregnant rat. Yoshikawa T, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2733–9

Drug targeting to lysosomes. Duncan R, et al. **Biochem Soc Trans** 1984 Dec;12(6):913–5

Computer graphics in the study of drug-nucleic acid interactions. Neidle S. **Biochem Soc Trans** 1984 Dec;12(6):1008–11

Presystemic elimination and mean residence time. Brockmeier D. **Biopharm Drug Dispos** 1985 Apr–Jun;6(2):229–30

Microcalorimetric investigations of drug-albumin interactions. Hardee GH, et al. **Biopharm Drug Dispos** 1984 Oct–Dec;5(4):307–14

Pharmacokinetic-pharmacodynamic modelling and simulation using the electrical circuit simulation program SPICE2. Thakker KM. **Biopharm Drug Dispos** 1984 Oct–Dec;5(4):315–33

Comparison of nonlinear pharmacokinetic parameters estimated from the sinusoidal perfusion and venous equilibrium models. Wagner JG. **Biopharm Drug Dispos** 1985 Jan–Mar;6(1):23–31

Michaelis-Menten elimination kinetics: areas under curves, steady-state concentrations, and clearances for compartment models with different types of input. Wagner JG, et al. **Biopharm Drug Dispos** 1985 Apr–Jun;6(2):177–200

On pharmacokinetics in target tissues. Weiss M. **Biopharm Drug Dispos** 1985 Jan–Mar;6(1):57–66

A calculator program for estimating model-independent pharmacokinetic parameters. Messori A, et al. **Boll Chim Farm** 1984 Nov;123(11):530–8

A sheep preparation for studying interactions between blood flow and drug disposition. II: Experimental applications. Runciman WB, et al. **Br J Anaesth** 1984 Oct;56(10):1117–29

A sheep preparation for studying interactions between blood flow and drug disposition. III: Effects of general and spinal anaesthesia on regional blood flow and oxygen tensions. Runciman WB, et al. **Br J Anaesth** 1984 Nov;56(11):1247–58

Omeprazole: effects on oxidative drug metabolism. Henry DA, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):195–200

The gastrointestinal absorption of drugs in man: a review of current concepts and methods of investigation. Hirtz J. **Br J Clin Pharmacol** 1985;19 Suppl 2:77S–83S (32 ref.)

Drug metabolism in diabetic subjects with fatty livers. Pirttiaho HI, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):895–9

Drug metabolising activity of freshly isolated human hepatocytes. Tee LB, et al. **Br J Clin Pharmacol** 1985 Mar;19(3):279–94

Drug metabolite kinetics: noncompartmental analysis [letter] Weiss M. **Br J Clin Pharmacol** 1985 Jun;19(6):855–6

Food, drugs, and bioavailability [editorial] George CF. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1093–4

Diffusion from an injected volume of a substance in brain tissue with arbitrary volume fraction and tortuosity. Nicholson C. **Brain Res** 1985 May 6;333(2):325–9

Effect of experimental acute renal failure on intestinal barriers to drug absorption. Kimura T, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2471–3

Hepatic drug clearance model: comparison among the distributed, parallel-tube and well-stirred models. Sawada Y, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):319–26

Chronopharmacology. Marks V, et al. **Clin Biochem** 1985 Jun;18(3):154–7 (31 ref.)

Bayesian approaches in pharmacokinetic decision making. Schumacher GE, et al. **Clin Pharm** 1984 Sep–Oct;3(5):525–30

Active drug metabolites. An overview of their relevance in clinical pharmacokinetics. Garattini S. **Clin Pharmacokinet** 1985 May–Jun;10(3):216–27 (58 ref.)

Effects of ethanol on drug and metabolite pharmacokinetics. Lane EA, et al. **Clin Pharmacokinet** 1985 May–Jun;10(3):228–47 (100 ref.)

Biochemistry, physiology and drug metabolism—implications regarding the role of the lungs in drug disposition. Roth RA. **Clin Physiol Biochem** 1985;3(2–3):66–79 (70 ref.)

Monitoring compliance through analysis of drug and metabolite levels. Mollica JA. **Controlled Clin Trials** 1984 Dec;5(4 Suppl):505–14

Ascorbic acid as it relates to the metabolism of drugs and environmental agents. Zannoni VG, et al. **Curr Concepts Nutr** 1984;13:21–35 (39 ref.)

Secretion of drugs in tears. van Haeringen NJ. **Curr Eye Res** 1985 Apr;4(4):485–8

Suitability of corneal grafts from donors treated with chemical agents. Basu PK, et al. **Dev Ophthalmol** 1985;11:12–4

Proceedings of the Fourth International Colloquium of Developmental Pharmacology. Paris, May 19–21, 1983. **Dev Pharmacol Ther** 1984;7 Suppl 1:1–222

Kinetic dosing computer support [letter] Hittel WP, et al. **Drug Intell Clin Pharm** 1985 Feb;19(2):141

Some pitfalls in selecting descriptive pharmacokinetic models. Vree TB, et al. **Drug Intell Clin Pharm** 1984 Sep;18(9):708–13

Strain differences in microsomal xenobiotic metabolism by adrenocortical inner and outer zones. Colby HD, et al. **Drug Metab Dispos** 1985 May–Jun;13(3):371–3

Effects of model traumatic injury on hepatic drug metabolism in the rat. IV. Glucuronidation. Griffeth LK, et al. **Drug Metab Dispos** 1985 Jul–Aug;13(4):391–7

Effects of model traumatic injury on hepatic drug metabolism in the rat. V. Sulfation and acetylation. Griffeth LK, et al. **Drug Metab Dispos** 1985 Jul–Aug;13(4):398–405

Effects of model traumatic injury on hepatic drug metabolism in the rat. III. Differential responses of cytochrome P-450 subpopulations. Griffeth LK, et al. **Drug Metab Dispos** 1984 Sep–Oct;12(5):588–95

The effect of etomidate on rabbit liver microsomal drug metabolism in vitro. Horai Y, et al. **Drug Metab Dispos** 1985 May–Jun;13(3):364–7

The area under the curve of metabolites for drugs and metabolites cleared by the liver and extrahepatic organs. Its dependence on the administration route of precursor drug. Klippert PJ, et al. **Drug Metab Dispos** 1985 Jan–Feb;13(1):97–101

Ketoconazole: a potent inhibitor of cytochrome P-450-dependent drug metabolism in rat liver. Sheets JJ, et al. **Drug Metab Dispos** 1984 Sep–Oct;12(5):603–6

Exact mathematical equivalence of the venous equilibration ('well-stirred') model, the sinusoidal perfusion ('parallel-tube') model, and a specific two-compartment open model. Wagner JG, et al. **Drug Metab Dispos** 1984 Jul–Aug;12(4):385–8

Oxidative and conjugative metabolism of xenobiotics by isolated rat and hamster acinar cells. Wiebkin P, et al. **Drug Metab Dispos** 1984 Jul–Aug;12(4):427–31

Frequently cited references in contemporary pharmacokinetics. Boxenbaum H, et al. **Drug Metab Rev** 1984–85;15(7):1385–402

Interspecies pharmacokinetic scaling and the evolutionary-comparative paradigm. Boxenbaum H. **Drug Metab Rev** 1984;15(5–6):1071–121 (151 ref.)

Effects of modifying structure on electrophilic reactions with biological nucleophiles. Coles B. **Drug Metab Rev** 1984–85;15(7):1307–34 (72 ref.)

Properties of acyl glucuronides: implications for studies of the pharmacokinetics and metabolism of acidic drugs. Faed EM. **Drug Metab Rev** 1984;15(5–6):1213–49 (168 ref.)

The melanin binding of drugs and its implications. Ings RM. **Drug Metab Rev** 1984;15(5–6):1183–212 (90 ref.)

Enhancement of xenobiotic elimination: role of intestinal excretion. Israili ZH, et al. **Drug Metab Rev** 1984;

15(5–6):1123–59 (190 ref.)

Determination of toxic pathways of metabolism by deuterium substitution. Pohl LR, et al. **Drug Metab Rev** 1984–85; 15(7):1335–51 (58 ref.)

Considerations of toxicologic interactions in developing new chemicals. Wilkinson CF, et al. **Drug Metab Rev** 1984; 15(5–6):897–917 (77 ref.)

Age effects on hepatic drug metabolism in Syrian hamsters. Birt DF, et al. **Drug Nutr Interact** 1984;3(1):1–10

Genetically determined variability in acetylation and oxidation. Therapeutic implications. Clark DW. **Drugs** 1985 Apr;29(4):342–75 (240 ref.)

Assessment of drug disposition in the lung. Rebuck AS, et al. **Drugs** 1984 Dec;28(6):544–53 (64 ref.)

Prodrugs. Do they have advantages in clinical practice? Stella VJ, et al. **Drugs** 1985 May;29(5):455–73 (96 ref.)

The derivation of nitrosamines from some therapeutic amines in the human environment. Akintonwa DA. **Ecotoxicol Environ Safety** 1985 Feb;9(1):64–70

Alveolar type II and Clara cells: isolation and xenobiotic metabolism. Devereux TR. **Environ Health Perspect** 1984 Jun;56:95–101 (33 ref.)

Drug disposition in the neonatal animal, with particular reference to the foal. Baggot JD, et al. **Equine Vet J** 1984 Jul;16(4):364–7

Stereochemistry, a basis for sophisticated nonsense in pharmacokinetics and clinical pharmacology. Ariëns EJ. **Eur J Clin Pharmacol** 1984;26(6):663–8

In vitro—in vivo correlation of dissolution, a time scaling problem? Transformation of in vitro results to the in vivo situation, using theophylline as a practical example. Brockmeier D, et al. **Eur J Clin Pharmacol** 1985; 28(3):291–300

Systematic within-person variation in the bioavailability of various drugs in healthy volunteers. Larsen U, et al. **Eur J Clin Pharmacol** 1984;26(6):769–71

Relationship between lipid composition and drug metabolizing capacity of human liver. Savolainen MJ, et al. **Eur J Clin Pharmacol** 1985;27(6):727–32

Model-independent assessment of accumulation kinetics based on moments of drug disposition curves. Weiss M. **Eur J Clin Pharmacol** 1984;27(3):355–9

The use of competitive ligand binding results in QSAR studies. Gómez-Jeria JS. **Farmaco [Sci]** 1985 May; 40(5):299–302

Induction of drug metabolizing enzymes in human liver cell line Hep G2. Dawson JR, et al. **FEBS Lett** 1985 Apr 22; 183(2):219–22

Nutrient regulation of chemical metabolism in humans. Anderson KE, et al. **Fed Proc** 1985 Jan;44(1 Pt 1):130–3 (42 ref.)

Metabolic mechanisms of drug-nutrient interactions. Hathcock JN. **Fed Proc** 1985 Jan;44(1 Pt 1):124–9 (30 ref.)

Experimental in vitro approach to the study of covalent associations. Pantarotto C. **Food Addit Contam** 1984 Apr–Jun;1(2):131–46

Drug levels found in cases of fatal self-poisoning. Paterson SC. **Forensic Sci Int** 1985 Feb;27(2):129–33

Stimulation of oxidative drug metabolism by parenteral refeeding of nutritionally depleted patients. Pantuck EJ, et al. **Gastroenterology** 1985 Aug;89(2):241–5

Medication washout [letter] Shah A, et al. **Gastrointest Endosc** 1985 Aug;31(4):291

Monitoring therapeutic drug levels in older patients. Rock RC. **Geriatrics** 1985 Jun;40(6):75–7, 80–3, 86

Role of tin on heme and drug biotransformation mechanism of partially hepatectomized rats. Dwivedi RS, et al. **Ind Health** 1985;23(1):1–7

Effect of centpropazine on hepatic drug metabolizing enzymes in rat. Upreti N, et al. **Indian J Med Res** 1984 Jun;79:813–7

Designing dialysis drug studies. Gibson TP. **Int J Artif Organs** 1985 Mar;8(2):69–70

Pharmacokinetics in the elderly. Rinetti M, et al. **Int J Clin Pharmacol Res** 1984;4(6):425–9

A new model-independent physiological approach to study hepatic drug clearance and its applications. Chiou WL. **Int J Clin Pharmacol Ther Toxicol** 1984 Nov;22(11):577–90 (86 ref.)

Impairment of drug elimination in patients with liver disease. Narang AP, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jan;23(1):28–32

Alterations in drug sensitivity and pharmacokinetics in the elderly. Feldman R. **Iowa Med** 1985 May;75(5):224–6

Nutrient interaction with drugs and other xenobiotics. Hayes JR, et al. **J Am Diet Assoc** 1985 Mar;85(3):335–9

Pharmacokinetic drug interactions with macrolide antibiotics. Descotes J, et al. **J Antimicrob Chemother** 1985 Jun; 15(6):659–64 (39 ref.)

Encapsulation of exogenous agents in erythrocytes and the circulating survival of carrier erythrocytes. DeLoach JR. **J Appl Biochem** 1983 Jun;5(3):149–57 (53 ref.)

A total hepatic induction index of metabolism for lipophilic xenobiotics. Boersma DC, et al. **J Appl Toxicol** 1984 Aug; 4(4):187–93

Neonatal testosterone imprinting of hepatic microsomal drug metabolism and a male-specific form of cytochrome P-450 in the rat. Kamataki T, et al. **J Biochem (Tokyo)** 1984 Dec; 96(6):1939–42

Factors contributing to variability in drug pharmacokinetics. III. Metabolism. Jack DB. **J Clin Hosp Pharm** 1985 Mar; 10(1):25–43 (77 ref.)

Factors contributing to variability in drug pharmacokinetics. II. Drug distribution. Routledge PA. **J Clin Hosp Pharm** 1985 Mar;10(1):15–23 (18 ref.)

Factors contributing to variability in drug pharmacokinetics. I. Absorption. Welling PG, et al. **J Clin Hosp Pharm** 1984 Sep;9(3):163–79 (80 ref.)

Staggered stable isotope administration technique for study of drug distribution. Evans JE, et al. **J Clin Pharmacol** 1985 May–Jun;25(4):309–12

Age-related changes in drug concentration in skin and lungs of mice. Ohkoshi M, et al. **J Dermatol (Tokyo)** 1984 Oct; 11(5):438–42

Survey of the human acetylator polymorphism in spontaneous disorders. Evans DA. **J Med Genet** 1984 Aug; 21(4):243–53 (100 ref.)

Correlation of thermodynamic activity and vapour diffusion through human skin for the model compound, benzyl alcohol. Barry BW, et al. **J Pharm Pharmacol** 1985 Feb; 37(2):84–90

The use of gamma scintigraphy to follow the gastrointestinal transit of pharmaceutical formulations. Christensen FN, et al. **J Pharm Pharmacol** 1985 Feb;37(2):91–5

The promotion of drug rectal absorption by water absorption. Shiga M, et al. **J Pharm Pharmacol** 1985 Jun;37(6):446–7

On the usefulness of ultrafiltration in drug-protein binding studies. Zhirkov YuA, et al. **J Pharm Pharmacol** 1984 Dec; 36(12):844–5

General method for evaluating the fraction of the irreversible organ clearance due to conversion of drug to a primary metabolite. Bayne WF, et al. **J Pharm Sci** 1985 Jul; 74(7):722–6

Pharmacokinetics of transdermal drug delivery. Berner B. **J Pharm Sci** 1985 Jul;74(7):718–21

Variation in hepatic extraction ratio with unbound drug fraction: discrimination between models of hepatic drug elimination. Byrne AJ, et al. **J Pharm Sci** 1985 Feb; 74(2):205–7

Assessment of drug absorption after oral administration. Chan KK, et al. **J Pharm Sci** 1985 Apr;74(4):388–93

Composite pharmacokinetic profiling. Colburn WA, et al. **J Pharm Sci** 1984 Nov;73(11):1667–9

Theoretical limits of changes in plasma protein binding on renal drug clearance. Cook JA, et al. **J Pharm Sci** 1985 Jan;74(1):108–9

Physicochemical model for dose-dependent drug absorption. Dressman JB, et al. **J Pharm Sci** 1984 Sep;73(9):1274–9

Mechanism of nasal absorption of drugs I: Physicochemical parameters influencing the rate of in situ nasal absorption of drugs in rats. Huang CH, et al. **J Pharm Sci** 1985 Jun; 74(6):608–11

Impact of liposomal drug carriers on drug pharmacokinetics. Hunt CA, et al. **J Pharm Sci** 1985 Aug;74(8):897–8

Segmental difference and effect of glucose on drug exsorption across the small intestine of rats. Johno I, et al. **J Pharm Sci** 1985 Mar;74(3):316–20

Estimation of variance for harmonic mean half-lives. Lam FC, et al. **J Pharm Sci** 1985 Feb;74(2):229–31

Graphical approach for determining whether absorption and elimination rate constants are equal in the one-compartment open model with first-order processes. Macheras PE. **J Pharm Sci** 1985 May;74(5):582–4

Evaluation of drug absorption by nonlinear regression, statistical moments, and Loo-Riegelman methods. Patel IH, et al. **J Pharm Sci** 1985 Mar:74(3):359–60

Wagner's exact Loo-Riegelman equation: the need for a criterion to choose between the linear and logarithmic trapezoidal rule. Proost JH. **J Pharm Sci** 1985 Jul; 74(7):793–4

Hepatic elimination—dispersion model. Roberts MS, et al. **J Pharm Sci** 1985 May;74(5):585–7

Interpretation of area under the curve measurements for drugs subject to enterohepatic cycling. Shepard TA, et al. **J Pharm Sci** 1985 Feb;74(2):227–8

Segmentally continuous input functions in linear multicompartment systems. Süverkrüp R. **J Pharm Sci** 1985 Feb;74(2):136–41

Drug permeation through human skin II: Permeability of ionizable compounds. Swarbrick J, et al. **J Pharm Sci** 1984 Oct;73(10):1352–5

Influence of mode of intravenous administration and blood sample collection on rat pharmacokinetic data. Tse FL, et al. **J Pharm Sci** 1984 Nov;73(11):1599–602

INTRAV and ORAL: BASIC interactive computer programs for estimating pharmacokinetic parameters. Valentine JL, et al. **J Pharm Sci** 1985 Feb;74(2):113–9

Novel method of calculating absolute bioavailability in nonlinear pharmacokinetics. Veng-Pedersen P. **J Pharm Sci** 1985 Jan;74(1):90–3

Method for determination of first-pass metabolism in human skin. Yacobi A, et al. **J Pharm Sci** 1984 Oct;73(10):1499–500

Use of PKM-MULTI program for fitting discontinuous absorption profiles using a microcomputer. Kaniwa N, et al. **J Pharmacobiodyn** 1984 Dec;7(12):900–9

Alterations of hepatic delta-aminolevulinic acid synthetase, heme oxygenase, microsomal cytochrome content and drug metabolism in rats bearing ascitic tumors AH 13, AH 66 and AH 414 and a 3-methylcholanthrene induced tumor. Matsuura Y, et al. **J Pharmacobiodyn** 1984 Jul;7(7):501–10

Alteration of histamine, serotonin and primary prostaglandin in case of diarrhea induced by endotoxin and gastrointestinal absorption of drug. Sakurai E, et al. **J Pharmacobiodyn** 1985 Mar;8(3):186–92

Drug absorption from the gastrointestinal tract and immunity: the mechanism of the decreased absorption of salicylic acid during systemic anaphylaxis. I. Yamamoto A, et al. **J Pharmacobiodyn** 1984 Oct;7(10):728–36

Drug absorption from the gastrointestinal tract and immunity: the mechanism of the decreased absorption of salicylic acid during systemic anaphylaxis. II. Yamamoto A, et al. **J Pharmacobiodyn** 1984 Oct;7(10):737–46

A nonlinear multiple regression program, MULTI2 (BAYES), based on Bayesian algorithm for microcomputers. Yamaoka K, et al. **J Pharmacobiodyn** 1985 Apr;8(4):246–56

The determination of mean residence time using statistical moments: is it correct? Chanter DO. **J Pharmacokinet Biopharm** 1985 Feb;13(1):93–100

The deterministic identifiability of nonlinear pharmacokinetic models. Godfrey KR, et al. **J Pharmacokinet Biopharm** 1984 Apr;12(2):177–91

On the identification of Michaelis-Menten elimination parameters from a single dose-response curve. Godfrey KR, et al. **J Pharmacokinet Biopharm** 1984 Apr; 12(2):193–221

A theoretical consideration of percutaneous drug absorption. Kubota K, et al. **J Pharmacokinet Biopharm** 1985 Feb; 13(1):55–72

The design of pharmacokinetic experiments for model discrimination. Lacey L, et al. **J Pharmacokinet Biopharm** 1984 Jun;12(3):351–65

An exact confidence interval from untransformed data for the ratio of two formulation means. Locke CS. **J Pharmacokinet Biopharm** 1984 Dec;12(6):649–55

Extended least squares nonlinear regression: a possible solution to the 'choice of weights' problem in analysis of individual pharmacokinetic data. Peck CC, et al. **J Pharmacokinet Biopharm** 1984 Oct;12(5):545–58

Theoretical considerations in the calculation of bioavailability of drugs exhibiting Michaelis-Menten elimination kinetics. Rubin GM, et al. **J Pharmacokinet Biopharm** 1984 Aug; 12(4):437–50

Prediction of the volumes of distribution of basic drugs in humans based on data from animals. Sawada Y, et al. **J Pharmacokinet Biopharm** 1984 Dec;12(6):587–96

Theorems and implications of a model independent elimination/distribution function decomposition of linear and some nonlinear drug dispositions. I. Derivations and theoretical analysis. Veng-Pedersen P. **J Pharmacokinet Biopharm** 1984 Dec;12(6):627–48

Mean residence time in peripheral tissue: a linear disposition parameter useful for evaluating a drug's tissue distribution. Veng-Pedersen P, et al. **J Pharmacokinet Biopharm** 1984 Oct;12(5):535–43

A nonlinear physiologic pharmacokinetic model: I. Steady-state. Wagner JG, et al. **J Pharmacokinet Biopharm** 1985 Feb;13(1):73–92

Definition of pharmacokinetic parameters: influence of the sampling site. Weiss M. **J Pharmacokinet Biopharm** 1984 Apr;12(2):167–75

Biochemical basis of enhanced drug bioavailability by piperine: evidence that piperine is a potent inhibitor of drug metabolism. Atal CK, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):258–62

A simple system for the investigation of protein binding effects on the renal handling of drugs in an isolated perfused rat kidney preparation. Hall SD, et al. **J Pharmacol Methods** 1984 Sep;12(2):85–9

Pharmacokinetic calculator program for generation of initial parameter estimates from a three-compartment infusion model. Henderson JD, et al. **J Pharmacol Methods** 1985 Aug;14(1):13–24

DATALIN—an interactive data entry program for use with NONLIN. Henderson JD, et al. **J Pharmacol Methods** 1985 Sep;14(2):129–36

Drug distribution in solid tissue of the brain following chronic local perfusion utilizing implanted osmotic minipumps. Lum JT, et al. **J Pharmacol Methods** 1984 Sep; 12(2):141–7

An in vivo model for pharmacokinetic studies in the kidney. Toutain PL, et al. **J Pharmacol Methods** 1985 Aug; 14(1):1–11

Quantitative determination of organ contribution to excretory metabolism. Tremaine LM, et al. **J Pharmacol Methods** 1985 Feb;13(1):9–35

A rat model for the study of transplacental pharmacokinetics and its assessment with antipyrine and aminoisobutyric acid. Varma DR, et al. **J Pharmacol Methods** 1985 Aug; 14(1):61–74

Bio-availability of drugs. Saeed SA, et al. **JPMA** 1984 Oct; 34(10):322–5

How potent is the inhibition of drug metabolism by omeprazole? [letter] Webster LK, et al. **Lancet** 1984 Sep 29;2(8405):761

The influence of age on drug metabolism. Implications for drug dosage. Triggs EJ, et al. **Med J Aust** 1984 Dec 8–22; 141(12–13):823–7 (30 ref.)

Soft drugs: principles and methods for the design of safe drugs. Bodor N. **Med Res Rev** 1984 Oct–Dec;4(4):449–69 (60 ref.)

The use of microorganisms for the study of drug metabolism. Clark AM, et al. **Med Res Rev** 1985 Apr–Jun;5(2):231–53 (96 ref.)

Characteristics of drug absorption via the rectal route. Muranishi S. **Methods Find Exp Clin Pharmacol** 1984 Dec;

6(12):763-72 (32 ref.)

Review on correlation between pharmacologic response and drug disposition. Ritschel WA, et al. **Methods Find Exp Clin Pharmacol** 1984 Oct;6(10):627-40 (48 ref.)

Quantitative structure-pharmacokinetics relationships and their importance in drug design, possibilities and limitations. Seydel JK. **Methods Find Exp Clin Pharmacol** 1984 Oct; 6(10):571-81

Simple method for prediction and estimation of the hemodialysability of incorporated drugs. Wetzelsberger N, et al. **Methods Find Exp Clin Pharmacol** 1985 Apr; 7(4):217-22

Kidney function and drug action [editorial] Reidenberg MM. **N Engl J Med** 1985 Sep 26;313(13):816-8

Drug metabolism and disposition at varying levels of protein and calories in human subjects. **Nutr Rev** 1985 Mar; 43(3):71-2 (7 ref.)

Drug binding to plasma proteins. Paxton JW. **NZ Med J** 1985 Apr 10;98(776):245-8

Effect of pregnenolone-16 alpha-carbonitrile and other microsomal enzyme inducers on drug metabolism and some parameters of adjuvant induced disease in rats. Kourounakis P, et al. **Pharm Acta Helv** 1984;59(12):348-52

Pharmacokinetic aspects during continuous ambulatory peritoneal dialysis: a literature review. Janknegt R, et al. **Pharm Weekbl [Sci]** 1984 Dec 14;6(6):229-36 (69 ref.)

Research in the Division of Toxicology. The importance of reactive intermediates of drug biotransformation in drug toxicity. Mulder GJ. **Pharm Weekbl [Sci]** 1985 Apr 26; 7(2):67-70

Apparent lack of influence of the genetic drug oxidation status on plasma cholesterol concentration in man. Dayer P, et al. **Pharmacol Res Commun** 1984 Feb;16(2):129-34

N-acetylation pharmacogenetics. Weber WW, et al. **Pharmacol Rev** 1985 Mar;37(1):25-79 (467 ref.)

Methods in testing interrelationships between excretion of drugs via urine and bile. Fleck C, et al. **Pharmacol Ther** 1984;25(1):1-22 (223 ref.)

Application of the modified one-compartment open model in pharmacokinetic investigations. Bialik W. **Pharmazie** 1985 Feb;40(2):120-1

The development of a unified physico-chemical research line for studying the relationship between the resorption rates and the physico-chemical properties of drugs. Past T, et al. **Pol J Pharmacol Pharm** 1984 Jul-Aug;36(4):401-6

The role of adipose tissue in the distribution and storage of drugs. Bickel MH. **Prog Drug Res** 1984;28:273-303 (184 ref.)

The metabolism of drugs by isolated hepatocytes. Fry JR. **Q Rev Drug Metab Drug Interact** 1982;4(2-3):99-122 (84 ref.)

Hepatic drug metabolism in pregnancy. Stock BH. **Q Rev Drug Metab Drug Interact** 1984;5(1):53-81 (66 ref.)

Application of pharmacokinetics in drug safety evaluation. Singhvi SM, et al. **Regul Toxicol Pharmacol** 1985 Mar; 5(1):3-17

Effects of chlorobenzenes on hepatic porphyrin and drug metabolism in chick embryo and day-old chick. Miranda CL, et al. **Res Commun Chem Pathol Pharmacol** 1984 Oct; 46(1):13-24

A comparison of the effects of phenobarbital and medroxyprogesterone acetate on drug and glucose metabolism in rats with chemical liver injury. Stengård JH. **Res Commun Chem Pathol Pharmacol** 1984 Oct;46(1):67-76

Drugs and the liver. Papich MG, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jan;15(1):77-95

Idiosyncracies of drug metabolism in cats. Effects on pharmacotherapeutics in feline practice. Wilcke JR. **Vet Clin North Am [Small Anim Pract]** 1984 Nov; 14(6):1345-54 (23 ref.)

Structure-activity relationships in the induction of hepatic drug metabolism by azo compounds. Fujita S, et al. **Xenobiotica** 1984 Jul;14(7):565-8

[Principles and practical guidelines for drug dosages in liver diseases. II] Saudek F. **Cas Lek Cesk** 1984 Aug 17; 123(33):1018-23 (Eng. Abstr.) **(Cze)**

[Drug therapy in children and its pharmacological basis] Kouvalainen K. **Duodecim** 1985;101(5):518-27 **(Fin)**

[Pharmacokinetics in the aged subject] Cheymol G, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Mar-Apr; 20(2):93-7 **(Fre)**

[Genetic polymorphism of the hepatic metabolism of drugs] Larrey D, et al. **Gastroenterol Clin Biol** 1985 Jun-Jul; 9(6-7):522-31 (99 ref.) **(Fre)**

[The metabolism of drugs. Influence of protein-energy malnutrition] Hazane C, et al. **Med Trop (Mars)** 1985 Apr-Jun;45(2):145-53 (Eng. Abstr.) **(Fre)**

[Pitfalls of drug therapy in geriatrics] Sternon J. **Rev Med Brux** 1984 Nov;5(9):621-6 (Eng. Abstr.) **(Fre)**

[Morphological biochemical species differences in toxicological studies] Lehmann H, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:19-22 **(Ger)**

[Carrier systems for drugs--a new principle in drug therapy?] Eichler HG, et al. **Dtsch Med Wochenschr** 1985 Jan 18; 110(3):106-9 **(Ger)**

[Metabolism of foreign substances in skin and human hair follicles] Merk HF. **Fortschr Med** 1985 May 2; 103(17):457-60 (Eng. Abstr.) **(Ger)**

[Biliary elimination of drugs in man] Siegers CP. **Med Monatsschr Pharm** 1984 Nov;7(11):329-35 **(Ger)**

[Propagation of errors in the calculation of moments] Ferdinand W, et al. **Methods Find Exp Clin Pharmacol** 1984 Oct;6(10):605-8 **(Ger)**

[The use of pH-endoradio probes as model drug forms--gastric transit time and pH profile following preoral application] Gröning R, et al. **Pharm Acta Helv** 1984; 59(9-10):260-6 (Eng. Abstr.) **(Ger)**

[Drug permeation through artificial lipid membranes. 17. The mechanism of ion pair transport] Neubert R, et al. **Pharmazie** 1984 Jun;39(6):401-3 (Eng. Abstr.) **(Ger)**

[Controlled high voltage electrophoresis. Screening test for pathologically increased substance concentrations and toxicologic-chemical detection] Hebecker W, et al. **Z Med Lab Diagn** 1984;25(7):406-8 **(Ger)**

[Toxicologic survey of findings in putrefied corpses. Corpse putrefaction in air] Arnold D, et al. **Z Rechtsmed** 1984; 93(3):151-64 (Eng. Abstr.) **(Ger)**

[Description of therapeutic systems using transmucosal absorption] Caramella C, et al. **Boll Chim Farm** 1984 Aug; 123(8):359-80 **(Ita)**

[Biological rhythms and their significance in drug therapy] Kleinrok Z. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:1-10 (Eng. Abstr.) **(Pol)**

[Clinical consequences of acetylation polymorphism] Jendryczko A, et al. **Pol Tyg Lek** 1984 Sep 10; 39(37):1249-52 (42 ref.) **(Pol)**

[Biological control of pharmacokinetics in elderly persons] Lazowski J, et al. **Pol Tyg Lek** 1984 Dec 17-31; 39(51-52):1675-80 (29 ref.) **(Pol)**

[Genetically determined disorders of pharmacokinetics and their clinical significance] Orzechowska-Juzwenko K, et al. **Pol Tyg Lek** 1984 Dec 17-31;39(51-52):1687-90 **(Pol)**

[Disorders of pharmacokinetics in pathological states and their clinical significance] Orzechowska-Juzwenko K, et al. **Pol Tyg Lek** 1984 Dec 17-31;39(51-52):1681-6 **(Pol)**

[Drug absorption in aging] Bezverkhaia IS, et al. **Farmakol Toksikol** 1985 Jan-Feb;48(1):109-12 (58 ref.) **(Rus)**

[Pharmacodynamics of drugs metabolized in the liver in burn injury in the rat] Khakimov ZZ, et al. **Farmakol Toksikol** 1985 Mar-Apr;48(2):103-6 **(Rus)**

[Practical problems of pharmacokinetics] Berkhin EB. **Klin Med (Mosk)** 1984 Nov;62(11):11-7 **(Rus)**

[Physicochemical mechanisms of the organotropism of drugs] Sergeev PV, et al. **Vestn Akad Med Nauk SSSR** 1984; (11):85-8 (10 ref.) **(Rus)**

[In vivo activity of drug-metabolizing enzymes in various pathological conditions] Krakovskiĭ ME, et al. **Vopr Med Khim** 1985 Jan-Feb;31(1):76-9 (Eng. Abstr.) **(Rus)**

[Use of drugs in the aged] Duraković Z. **Lijec Vjesn** 1984 Nov-Dec;106(11-12):482-5 **(Scr)**

STANDARDS

The debate over substitution policy. Its evolution and scientific basis. Schwartz LL. **Am J Med** 1985 Aug 23; 79(2B):38-44 (23 ref.)

Guidelines in respect of biotechnological products. Smith JW. **Arzneimittelforsch** 1985;35(1):176-7

New regulations to speed drug approvals, improve safety monitoring. **FDA Drug Bull** 1985 Apr;15(1):2-3

The Committee on Review of Medicines. Wade OL. **J Clin Hosp Pharm** 1985 Jun;10(2):137-41

PDA particulate matter panel discussion--an industry perspective. Hammer HF. **J Parenter Sci Technol** 1984 Sep-Oct;38(5):170-2

FDA division to close [news] Beardsley T. **Nature** 1985 Sep 5-11;317(6032):5

Quality control of drugs. Certification Scheme on the Quality of Pharmaceutical Products moving in International Commerce. Participating countries--supplementary list 4. **WHO Chron** 1984;38(3):116-24

WHO expert committee on specifications for pharmaceutical preparations. **WHO Tech Rep Ser** 1984;704:1-54

[Harmful effects of drugs. Liability of the manufacturers against insurance claims for damages] Dahl B. **Ugeskr Laeger** 1984 Sep 3;146(36):2726-8 **(Dan)**

[Guidelines for introducing new drugs for medical use in Poland and control of their quality] Danysz A. **Pol Tyg Lek** 1984 Dec 17-31;39(51-52):1673-4 **(Pol)**

SUPPLY & DISTRIBUTION

Marketing and distribution of pharmaceuticals in the 21st century: two scenarios. Hoff LC. **Am Pharm** 1985 Mar; NS25(3):70-6

Essential medicines in the Third World. D'Arcy PF. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):982-4

Business as usual: heroin distribution in the United States. McBride RB. **Int J Health Serv** 1984;14(4):529-46

Drug policy in the Third World [letter] **Lancet** 1985 Jul 6; 2(8445):46-7

Drugs policy in the Third World [letter] Islam N. **Lancet** 1985 May 4;1(8436):1044

[Drug runner's syndrome. A case due to heroin (letter)] Souberbielle M, et al. **Presse Med** 1985 Feb 16;14(7):429-30 **(Fre)**

[Improved method of determining an adequate supply of drugs] Riabykh LD, et al. **Voen Med Zh** 1984 Dec;(12):57-8 **(Rus)**

TOXICITY

Perspectives on alternatives to current animal testing techniques in preclinical toxicology. Rowan AN, et al. **Annu Rev Pharmacol Toxicol** 1985;25:225-47 (152 ref.)

Acute oral toxicity and repellency of 933 chemicals to house and deer mice. Schafer EW Jr, et al. **Arch Environ Contam Toxicol** 1985 Jan;14(1):111-29

Disease, metabolism and reproduction in the toxic response to drugs and other chemicals. Proceedings of the European Society of Toxicology. Rome, March 28-30, 1983. **Arch Toxicol [Suppl]** 1984;7:1-535

Assessment of chemicals affecting the male reproductive system. Dixon RL. **Arch Toxicol [Suppl]** 1984;7:118-27

Effects of drugs and chemicals on spermatogenesis. Neumann F. **Arch Toxicol [Suppl]** 1984;7:109-17

Covalent binding to proteins as a mechanism of chemical toxicity. Pantarotto C, et al. **Arch Toxicol [Suppl]** 1984; 7:208-18

Influence of disease on drug toxicity. Turner P. **Arch Toxicol [Suppl]** 1984;7:33-8

A comparative retrospective analysis of data from short- and long-term animal toxicity studies on 40 pharmaceutical compounds. Walker SR, et al. **Arch Toxicol [Suppl]** 1984; 7:485-7

Cytogenetic and allied studies in populations exposed to radiations and chemical agents. Evans HJ. **Basic Life Sci** 1985;33:429-51

Enzymatic activation of chemicals to toxic metabolites. Guengerich FP, et al. **CRC Crit Rev Toxicol** 1985; 14(3):259-307 (333 ref.)

Domestication of chemistry by design of safer chemicals: structure-activity relationships. Ariëns EJ. **Drug Metab Rev** 1984;15(3):425-504 (144 ref.)

Suitability of animal models for predictive toxicology: theoretical and practical considerations. Calabrese EJ. **Drug Metab Rev** 1984;15(3):505-23 (19 ref.)

Theoretical and quantum prediction of toxic effects. Kaufman JJ, et al. **Drug Metab Rev** 1984;15(3):527-56

A strategy for the assessment of the carcinogenic potency of veterinary drug residues: recommendations of the FDA. Farber TM, et al. **Food Addit Contam** 1984 Apr-Jun; 1(2):213-9

Toxicological significance of covalently-bound residues. Rico AG, et al. **Food Addit Contam** 1984 Apr-Jun; 1(2):157-61

Genetic toxicology in the pharmaceutical industry. Vanparys P, et al. **Food Chem Toxicol** 1985 Jan;23(1):19-22

An up-and-down procedure for acute toxicity testing. Bruce RD. **Fundam Appl Toxicol** 1985 Feb;5(1):151-7

The verification of a mammalian toxicant classification using a mosquito screening method. Richie JP Jr, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):1029-35

The LD50--a tradition in need of change [letter] Hubbard RC, et al. **JAMA** 1984 Dec 21;252(23):3249

Genotoxic effects of drug/nitrite interaction products: evidence for the need of risk assessment. Brambilla G. **Pharmacol Res Commun** 1985 Apr;17(4):307-21 (70 ref.)

Methods for judging human teratogenicity. Fabro S, et al. **Prog Clin Biol Res** 1985;163C:177-80

Misinformation about risks of congenital anomalies. Wilson JG. **Prog Clin Biol Res** 1985;163C:165-9

Toxicological screening. Zbinden G, et al. **Regul Toxicol Pharmacol** 1984 Sep;4(3):275-86

Comparative cytopathology of primary rat hepatocyte cultures exposed to aflatoxin B1, acetaminophen, and other hepatotoxins. Hayes MA, et al. **Toxicol Appl Pharmacol** 1985 Sep 15;80(2):345-56

[Progress report. Possibilities and limitations of the in vitro technic for prenatal toxicologic studies] Bleyl DW. **Nahrung** 1984;28(10):1053-63 (Eng. Abstr.) **(Ger)**

[Alternative models of quantal response in the joint action of toxins] Muñiz Daza M, et al. **Arch Farmacol Toxicol** 1984 Apr;10(1):1-12 (Eng. Abstr.) **(Spa)**

URINE

EMIT tests for drugs of abuse: interference by liquid soap preparations [letter] Vu Duc T. **Clin Chem** 1985 Apr; 31(4):658-9

Encapsulated XAD-2 extraction technique for a rapid screening of drugs of abuse in urine. Elahi N. **J Anal Toxicol** 1980 Jan-Feb;4(1):26-30

Drug population in one thousand geographically distributed urine specimens. Jones DW, et al. **J Anal Toxicol** 1985 May-Jun;9(3):125-30

Effects of phenylbutazone and oxyphenbutazone on basic drug detection in high performance thin layer chromatographic systems. Woods WE, et al. **J Vet Pharmacol Ther** 1985 Jun;8(2):181-9

Crisis in drug testing. Results of CDC blind study. Hansen HJ, et al. **JAMA** 1985 Apr 26;253(16):2382-7

DRUGS, NON-PRESCRIPTION

Statement on the release of ibuprofen as an over-the-counter medicine. Ad Hoc Committee for the National Kidney Foundation [editorial] **Am J Kidney Dis** 1985 Jul;6(1):4-6

Marketing your nonprescription drug department. Murphy D. **Am Pharm** 1985 Jul;NS25(7):38-41

Taking chance out of the Rx-OTC switch. Murphy DH. **Am Pharm** 1985 Jan;NS25(1):41-5

A transitional category: how APhA's policy would work.

Penna RP. **Am Pharm** *1985 Jan;NS25(1):46–7*

Over the counter sale of topical corticosteroids: evidence versus anecdote [letter] **Br Med J [Clin Res]** 1985 Jul 27; 291(6490):276–7

Use of over-the-counter medications in rural Matabeleland, Zimbabwe: the case for upgrading the dispensing skills of rural storekeepers. Raynal AL. **Cent Afr J Med** 1985 May; 31(5):92–7

A third class of drugs: an overview. Brushwood DB, et al. **Drug Intell Clin Pharm** 1985 Jan;19(1):62–6

The use of unprescribed medicine in Warsaw during the years 1970–1980. Szyllejko OJ. **Drug Intell Clin Pharm** 1984 Sep; 18(9):745–7

Ibuprofen marketed OTC. **FDA Drug Bull** 1984 Aug; 14(2):19–20

Aluminum intake from non-prescription drugs and sucralfate. Lione A. **Gen Pharmacol** 1985;16(3):223–8

Tamper-resistant packaging: is it elder-resistant, too? Sherman FT. **J Am Geriatr Soc** 1985 Feb;33(2):136–41

Five cases of fatal overdose from caffeine-containing 'look-alike' drugs. Garriott JC, et al. **J Anal Toxicol** 1985 May-Jun;9(3):141–3

Medication usage in an elderly population. Ostrom JR, et al. **Med Care** 1985 Feb;23(2):157–64

ADVERSE EFFECTS

Nonprescription drugs and drug interactions [editorial] **Am Fam Physician** 1985 Apr;31(4):97–8

Safety of over-the-counter hydroquinone bleaching creams [letter] Brauer EW. **Arch Dermatol** 1985 Oct;121(10):1239

Tardive dyskinesia uncovered after ingestion of Sominex, an over-the-counter drug. Jones B, et al. **Can J Psychiatry** 1985 Aug;30(5):370–1

Labeling of ibuprofen for over-the-counter use [letter] Nashel DJ, et al. **N Engl J Med** 1985 Feb 7;312(6):377

Apnoea in an infant due to proprietary medicines [letter] Bolton KD, et al. **S Afr Med J** 1985 Jan 19;67(3):78

ANALYSIS

Ethanol content of some pharmaceuticals available in the RSA. Dangor CM, et al. **S Afr Med J** 1985 Aug 3; 68(3):172–3

[Use of the TLC scanning method in the study of the quality of Chinese patent medicines—the quantitative analysis of berberine in 5 Chinese patent medicines] Zhou SD. **Chung Yao Tung Pao** 1985 Jan;10(1):36–7, 30 (Chi)

POISONING

Nyquil and acute hepatic necrosis [letter] Fleckenstein JL. **N Engl J Med** 1985 Jul 4;313(1):48

THERAPEUTIC USE

Over the counter sale of topical corticosteroids: the need for debate. Shuster S. **Br Med J [Clin Res]** 1985 Jul 6; 291(6487):38–9

TOXICITY

Ingestions considered nontoxic. Mofenson HC, et al. **Clin Lab Med** 1984 Sep;4(3):587–602

Safety evaluation of over-the-counter products. De Salva SJ. **Regul Toxicol Pharmacol** 1985 Mar;5(1):101–8

DRY SOCKET

see related
TOOTH EXTRACTION

CHEMICALLY INDUCED

[Anatomico-clinical aspects of osteitis induced by the use of arsenicals in dentistry] Calura G, et al. **Minerva Stomatol** 1984 Sep-Oct;33(5):773–7 (Eng. Abstr.) (Ita)

DRUG THERAPY

[Treatment of postsurgical bone infections] Nentwig GH, et al. **Fortschr Kiefer Gesichtschir** 1985;30:35–7 (Ger)

ETIOLOGY

Effect of antimicrobial mouth rinses on the incidence of localized alveolitis and infection following mandibular third molar oral surgery. Sweet JB, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):24–6

PREVENTION & CONTROL

[Prevention of complications after tooth extraction] Semenchenko GI, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):41–3 (Eng. Abstr.) (Rus)

THERAPY

[Further observation on prevention and treatment of dry socket] Zhang EX. **Cheng Hua Kou Chiang Ko Tsa Chih** 1984 Mar;19(1):29–31 (Chi)

DTIC see DACARBAZINE

DTPA

Stability of 99Tcm-DTPA [letter] Arnoldussen S, et al. **Nucl Med Commun** 1984 Mar;5(3):179

Stability of 99Tcm-DTPA [letter] Millar AM. **Nucl Med Commun** 1984 Oct;5(10):662–3

Some physicochemical properties of the gadolinium-DTPA complex, a contrast agent for MRI. Gries H, et al. **Physiol Chem Phys Med NMR** 1984;16(2):105–12

ADMINISTRATION & DOSAGE

Enhancement of cervical intraspinal tumors in MR imaging with intravenous gadolinium-DTPA. Bydder GM, et al. **J Comput Assist Tomogr** 1985 Sep-Oct;9(5):847–51

[Inhalation scintigraphy of the lungs using diffusible microaerosols] Fikrle A, et al. **Cas Lek Cesk** 1984 Sep 7; 123(36):1128–32 (Eng. Abstr.) (Cze)

ANALOGS & DERIVATIVES

Relative reactivity of DTPA, immunoreactive antibody-DTPA conjugates, and nonimmunoreactive antibody-DTPA conjugates toward indium-111. Paik CH, et al. **J Nucl Med** 1985 May;26(5):482–7

DIAGNOSTIC USE

Estimation of glomerular filtration rate in children using 99m-technetium DTPA. A comparison with 51-chromium EDTA clearance. Yap HK, et al. **Acta Paediatr Scand** 1985 Jul;74(4):579–83

Epidural block using large volumes of local anesthetic solution for intercostal nerve block. Middaugh RE, et al. **Anesthesiology** 1985 Aug;63(2):214–6

Evaluation of obstructive uropathy in children. 99mTc-DTPA renography studies under conditions of maximal diuresis. Sukhai RN, et al. **Br J Urol** 1985 Apr; 57(2):124–9

Primer and atlas for renal transplant scintigraphy (flow, Tc-99m DTPA, I-131 Hippuran). Manier SM, et al. **Clin Nucl Med** 1985 Jan;10(1):52–62

Primer and Atlas for renal transplant scintigraphy: flow, Tc-99m DTPA, I-131 hippuran. Manier SM, et al. **Clin Nucl Med** 1985 Feb;10(2):118–33

Estimation of glomerular filtration rate, without blood samples, during renography. Corrigan DM, et al. **Clin Phys Physiol Meas** 1984 Nov;5(4):279–84

Ureteral fistula after renal transplantation: the significance of delayed images. Richter JA, et al. **Eur J Nucl Med** 1984; 9(9):436–7

Measurement of glomerular filtration rate using 99mTc-DTPA and the gamma camera: a comparison of methods. Russell CD, et al. **Eur J Nucl Med** 1985; 10(11–12):519–21

The tissue proton T1 and T2 response to gadolinium DTPA injection in rabbits. A potential renal contrast agent for NMR imaging. Wolf GL, et al. **Invest Radiol** 1984 Jul-Aug; 19(4):324–8

MR imaging of meningiomas including studies with and without gadolinium-DTPA. Bydder GM, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):690–7

Gadolinium-DTPA as a contrast agent in MR imaging—theoretical projections and practical observations. Gadian DG, et al. **J Comput Assist Tomogr** 1985 Mar-Apr;9(2):242–51

Ureterovaginal fistula detected by Tc-99m DTPA scintigraphy [letter] Ayabe Z, et al. **J Nucl Med** 1984 Dec; 25(12):1394–5

Optimum conditions for labeling of *DTPA*-coupled antibodies with technetium-99m. Childs RL, et al. **J Nucl Med** 1985 Mar;26(3):293–9

Quantitative evaluation of differential renal function: a new approach. Harpen MD, et al. **J Nucl Med** 1985 Jun; 26(6):647–9

Breast-milk radioactivity after a Tc-99m DTPA aerosol/Tc-99m MAA lung study. Mountford PJ, et al. **J Nucl Med** 1984 Oct;25(10):1108–10

Technetium-99m DTPA renal flow studies in Goldblatt hypertension. Nally JV, et al. **J Nucl Med** 1985 Aug; 26(8):917–24

Effect of DTPA conjugation on the antigen binding activity and biodistribution of monoclonal antibodies against alpha-fetoprotein. Sakahara H, et al. **J Nucl Med** 1985 Jul; 26(7):750–5

Scintigraphy of diffuse cerebral disease caused by an infantile dural AVM [letter] Shore RM, et al. **J Nucl Med** 1985 May;26(5):549–50

Effect of ethanol on droplet size, efficiency of delivery, and clearance characteristics of technetium-99m DTPA aerosol. Sirr SA, et al. **J Nucl Med** 1985 Jun;26(6):643–6

Re: Radiation absorbed dose from Tc-99m diethylenetriaminepentaacetic acid (DTPA) [letter] Smith T. **J Nucl Med** 1984 Dec;25(12):1392

Hemodynamic effects of superficial temporal artery-middle cerebral artery by-pass studied with angioscintigraphic functional images. Bellina CR, et al. **J Nucl Med Allied Sci** 1984 Jan-Mar;28(1):17–21

Diuretic radionuclide urography: functional assessment following pyeloplasty. Bayne DP, et al. **J Urol** 1985 Aug; 134(2):344–6

Relaxation enhancement using liposomes carrying paramagnetic species. Caride VJ, et al. **Magn Reson Imaging** 1984;2(2):107–12

Initial clinical evaluation of gadolinium DTPA for contrast-enhanced magnetic resonance imaging. Runge VM, et al. **Magn Reson Imaging** 1985;3(1):27–35

The use of Gd DTPA as a perfusion agent and marker of blood-brain barrier disruption. Runge VM, et al. **Magn Reson Imaging** 1985;3(1):43–55

Magnetic resonance tissue analysis of acute renal vascular occlusion in the rabbit: enhancement with gadolinium-DTPA complex. Strich G, et al. **Magn Reson Imaging** 1985;3(1):37–42

Separate calculation of glomerular and tubular clearance by means of renal scintigraphy with hippuran and DTPA. Hadj Aissa A, et al. **Nephron** 1985;40(4):401–4

Application of contrast agents in CT and MRI (NMR): their potential in imaging of brain tumors. Claussen C, et al. **Neuroradiology** 1985;27(2):164–71

Magnetic resonance tomography (MRT) of intracranial tumours: initial experience with the use of the contrast medium Gadolinium-DTPA. Schörner W, et al. **Neurosurg Rev** 1984;7(4):303–12

Scintigraphic detection of acute gastrointestinal bleeding using 99Tcm-DTPA. Abdel-Dayem HM, et al. **Nucl Med Commun** 1984 Oct;5(10):633–9

Negative renal transplant imaging [letter] Cosgriff PS, et al. **Nucl Med Commun** 1984 Aug;5(8):526–7

Renal transplant extravasation of urine through a chest tube: an unusual appearance on radionuclide imaging. Kuzbary Y, et al. **Nucl Med Commun** 1984 Oct;5(10):655–9

Lung 99Tcm-DTPA transfer: a method for background correction. O'Doherty MJ, et al. **Nucl Med Commun** 1985 Apr;6(4):209–15

The use of iron and gadolinium chelates as NMR contrast agents: animal and human studies. Carr DH. **Physiol Chem Phys Med NMR** 1984;16(2):137–44

Contrast enhancement of spontaneous animal CNS tumors with gadolinium DTPA: a correlation of MRI with x-ray CT. Goldstein EJ, et al. **Physiol Chem Phys Med NMR** 1985;17(1):113–22

Gadolinium DTPA (an NMR proton imaging contrast agent): chemical structure, paramagnetic properties and pharmacokinetics. Goldstein EJ, et al. **Physiol Chem Phys Med NMR** 1984;16(2):97–104

First use of GdDTPA/dimeglumine in man. Laniado M, et al. **Physiol Chem Phys Med NMR** 1984;16(2):157–65

Paramagnetic contrast agents in magnetic resonance imaging: research at Vanderbilt University. Runge VM, et al. **Physiol Chem Phys Med NMR** 1984;16(2):113–22

Tc-99m-DTPA aerosol and radioactive gases compared as adjuncts to perfusion scintigraphy in patients with suspected pulmonary embolism. Alderson PO, et al. **Radiology** 1984 Nov;153(2):515–21

CSF rhinorrhea: detection and localization using overpressure cisternography with Tc-99m-DTPA. Curnes JT, et al. **Radiology** 1985 Mar;154(3):795–9

Extrarenal abnormalities in Tc-99m-DTPA renal blood flow studies. Shih WJ, et al. **Radiology** 1985 Jan;154(1):197–202

Measurement of glomerular filtration rate in children using technetium-99m diethylenetriamine penta-acetic acid. Aaronson IA, et al. **S Afr Med J** 1985 Mar 30;67(13):507–9

Pelviureteric obstruction in children: the effect of pyeloplasty on 99mTc-DTPA uptake and washout. Vihma Y, et al. **Z Kinderchir** 1984 Dec;39(6):358–63

[Radioisotope study of arterial hypertension of renal origin using 99m Tc-DTPA] Champailler A, et al. **Ann Radiol (Paris)** 1984 Sep-Oct;27(6):464–71 (Eng. Abstr.) (Fre)

[Diagnosis of benign and malignant tumors of the female breast using single photon emission computed tomography with 99mTc-DTPA] Wendt TG, et al. **Nuklearmedizin** 1984 Dec;23(6):283–6 (Eng. Abstr.) (Ger)

[Contrast media in magnetic resonance tomography. A review. 1. Physicochemical and pharmacological bases of MR contrast media using gadolinium-DTPA as an example] Felix R, et al. **ROFO** 1985 Jun;142(6):641–6 (26 ref.) (Eng. Abstr.) (Ger)

[Contrast media in magnetic resonance tomography. A review. 2. Biological basis, research technic and clinical application of gadolinium-DTPA in the diagnosis of intracranial tumors] Felix R, et al. **ROFO** 1985 Jul; 143(1):9–14 (Eng. Abstr.) (Ger)

[Nuclear spin tomographic diagnosis of brain tumors using the contrast medium gadolinium-DTPA] Schörner W, et al. **ROFO** 1984 Nov;141(5):511–6 (Eng. Abstr.) (Ger)

[Choice of image sequence in contrast medium nuclear magnetic tomography: contrast behavior of brain tumors following gadolinium-DTPA use in various spin-echo procedures] Schörner W, et al. **Rontgenpraxis** 1984 Sep; 37(9):323–6 (Ger)

[Studies and results of the use of nuclear medicine methods in kidney function tests] Schulze BD, et al. **Z Urol Nephrol** 1984 Nov;77(11):647–54 (Eng. Abstr.) (Ger)

[Clinical evaluation of dynamic renoscintigraphy using 99mTc-DTPA in practical urology. I. Diagnosis of ureteral calculi, cystic kidney and hydronephrosis] Washida H, et al. **Hinyokika Kiyo** 1984 Aug;30(8):1029–38 (Eng. Abstr.) (Jpn)

[The trial of the kinetic study for the renal function, using NMR-CT by gadolinium-DTPA] Ikehira H, et al. **Kaku Igaku** 1985 Feb;22(2):219–24 (Eng. Abstr.) (Jpn)

[Estimation of glomerular filtration rate from fractional renal uptake of 99mTc-DTPA] Ito T, et al. **Kaku Igaku** 1984

Dec;21(12):1579–86 (Eng. Abstr.) **(Jpn)**

[External gamma-ray counting method for alveolar septal permeability] Kanazawa M, et al. **Kokyu To Junkan** 1985 May;33(5):615–9 **(Jpn)**

[Clinical evaluation of renal function study using 99mTc-DTPA—comparative study with 111In-DTPA and 123I-OIH] Honda M, et al. **Radioisotopes** 1984 Jul; 33(7):463–6 **(Jpn)**

[Characteristics of natural and pentacin-stimulated urinary excretion of 238Pu and 239Pu] Plotnikova LA, et al. **Med Radiol (Mosk)** 1985 Jun;30(6):40–3 (Eng. Abstr.) **(Rus)**

[Experimental and clinical basis for the use of 111In-DTPA for radionuclide cisternography] Vorob'eva EN, et al. **Med Radiol (Mosk)** 1985 Feb;30(2):16–22 (Eng. Abstr.) **(Rus)**

METABOLISM

Clearance of 99m-technetium-labelled DTPA in asbestos-exposed subjects without clinical or radiological evidence of interstitial lung disease. Gellert AR, et al. **Br J Dis Chest** 1985 Jan;79(1):37–42

Measurement of pulmonary clearance of radioaerosol using a portable sodium iodide probe. Jefferies AL, et al. **J Appl Physiol** 1984 Dec;57(6):1908–12

Tissue distribution and magnetic resonance spin lattice relaxation effects of gadolinium-DTPA. Strich G, et al. **Radiology** 1985 Mar;154(3):723–6

[Pharmacokinetics of simultaneously administered 99mTc-DTPA and (125I)ortho-iodohippuran in rats and rabbits] Lázničková A, et al. **Cesk Farm** 1985 Mar; 34(2):67–70 (Eng. Abstr.) **(Cze)**

PHARMACODYNAMICS

Effect of iron chelators on the transferrin receptor in K562 cells. Bridges KR, et al. **J Biol Chem** 1984 Nov 10; 259(21):12970–7

Hemodynamic effects of rapid and slow infusions of manganese chloride and gadolinium-DTPA in dogs. Slutsky RA, et al. **Radiology** 1985 Mar;154(3):733–5

THERAPEUTIC USE

Lower efficiency of DTPA in reducing cadmium retention in suckling rats. Kostial K, et al. **Environ Res** 1984 Oct; 35(1):264–9

Reduction of Cm translocation from lung by constant infusion of DTPA after inhalation of Cm2O3 by rats. Guilmette RA, et al. **Health Phys** 1985 Apr;48(4):487–93

Effect of Zn-DTPA therapy on the maternal transfer of 241Am or 237Pu to young mice. Lloyd RD, et al. **Health Phys** 1985 Sep;49(3):405–10

Comparison of Ca-DTPA and Zn-DTPA in removing 234Th from the rat. Peter-Witt E, et al. **Health Phys** 1985 Sep;49(3):395–403

DTPA-coupled antibodies labeled with yttrium-90. Hnatowich DJ, et al. **J Nucl Med** 1985 May;26(5):503–9

Effect of age on the efficacy of Zn-diethylenetriaminepentaacetic acid therapy for removal of Am and Pu from beagles. Lloyd RD, et al. **Radiat Res** 1985 Mar;101(3):451–9

TOXICITY

Pharmacokinetics of GdDTPA/dimeglumine after intravenous injection into healthy volunteers. Weinmann HJ, et al. **Physiol Chem Phys Med NMR** 1984;16(2):167–72

DUAL PERSONALITY see **MULTIPLE-PERSONALITY –DISORDER**

DUANE'S SYNDROME see under **OPHTHALMOPLEGIA**

DUBIN-JOHNSON SYNDROME see **JAUNDICE, CHRONIC IDIOPATHIC**

DUCK HEPATITIS VIRUS see under **ENTEROVIRUSES**

DUCKS

Influence of dietary calcium on lead poisoning in mallard ducks (Anas platyrynchos). Carlson BL, et al. **Am J Vet Res** 1985 Jan;46(1):276–82

Haemagglutinating adenovirus in Victorian chicken flocks 1980–83. Reece RL, et al. **Aust Vet J** 1985 May;62(5):174–5

Mortality in Pekin ducklings associated with eosinophilic intranuclear inclusions in hepatocytes. Scott PC, et al. **Aust Vet J** 1984 Oct;61(10):328–9

Protection of ducklings with a broth-grown Pasteurella anatipestifer bacterin. Layton HW, et al. **Avian Dis** 1984 Jul–Sep;28(3):718–26

Efficacy of broth-grown Pasteurella multocida bacterins in ducklings. Layton HW. **Avian Dis** 1984 Oct–Dec; 28(4):1086–95

Isolation of an apathogenic immunogenic strain of duck enteritis virus from waterfowl in California. Lin W, et al. **Avian Dis** 1984 Jul–Sep;28(3):641–50

Active and passive immunization of ducks against duck viral enteritis. Lin WQ, et al. **Avian Dis** 1984 Oct–Dec; 28(4):968–73

Zygomycosis in the duck. McCaskey PC, et al. **Avian Dis** 1984 Jul–Sep;28(3):791–8

Toxicity of dimetridazole in waterfowl. Riddell C. **Avian Dis** 1984 Oct–Dec;28(4):974–7

Laboratory and field trials with formalin-inactivated Escherichia coli (O78)-Pasteurella anatipestifer bacterin in white pekin ducks. Sandhu TS, et al. **Avian Dis** 1985 Jan–Mar;29(1):128–35

A study of cartilaginous nodules in the lungs of domestic poultry. Sarango JA, et al. **Avian Dis** 1985 Jan–Mar; 29(1):116–27

Host range of A/Chicken/Pennsylvania/83 (H5N2) influenza virus. Wood JM, et al. **Avian Dis** 1985 Jan–Mar; 29(1):198–207

Morphological observations on frozen and thawed muscovy spermatozoa. Maeda T, et al. **Br Poult Sci** 1984 Jul; 25(3):409–13

Studies on semen collection in waterfowl by electrical stimulation. Samour HJ, et al. **Br Vet J** 1985 May–Jun; 141(3):265–8

Effects of social experience on visually imprinted maternal preferences in Peking ducklings. Johnston TD, et al. **Dev Psychobiol** 1985 May;18(3):261–71

Development of visually controlled maternal preferences in Peking ducklings. Johnston TD, et al. **Dev Psychobiol** 1985 Jan;18(1):23–36

Delayed neuropathy in adult Peking ducks induced by some organophosphorus esters. Soliman SA, et al. **J Toxicol Environ Health** 1984;14(5–6):789–801

A survey of North American migratory waterfowl for duck plague (duck virus enteritis) virus. Brand CJ, et al. **J Wildl Dis** 1984 Oct;20(4):261–6

Muscovy duck mortality not caused by Haemoproteus [letter] Julian RJ, et al. **J Wildl Dis** 1985 Jul;21(3):335–7

Hemoglobin interference in the direct determination of erythrocyte protoporphyrin concentrations for monitoring lead intoxication of waterfowl [letter] Kerr KD, et al. **J Wildl Dis** 1985 Jul;21(3):338–40

Internal temperature of decomposing duck carcasses in relation to botulism. Wobeser G, et al. **J Wildl Dis** 1984 Oct;20(4):267–71

Nuclear lobe index in avian eosinophilia. Maxwell MH. **Res Vet Sci** 1985 May;38(3):361–3

Scanning and transmission electron microscopic studies on the oviducts of Pekin ducks fed methyl mercury containing diets. Balachandran A, et al. **Scan Electron Microsc** 1985; (Pt 1):311–22

Toxic ducks—1080 residues in game birds. An exercise in applied toxicology. Temple WA, et al. **Vet Hum Toxicol** 1985 Feb;27(1):20–1

Duck hepatitis virus and Chlamydia psittaci outbreak [letter] Chalmers WS, et al. **Vet Rec** 1985 Feb 23;116(8):223

Giant hogweed and ducklings [letter] Harwood DG. **Vet Rec** 1985 Mar 16;116(11):300

[Electron microscopic observation on virus-like particles in duck liver cancer cells from high incidence area of human hepatocellular carcinoma] Wang YY, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb; 6(1):8–11 (Eng. Abstr.) **(Chi)**

[Secondary amyloidosis in white Peking ducks] Eskens U, et al. **Tierarztl Prax** 1984;12(4):469–75 (Eng. Abstr.) **(Ger)**

ANATOMY & HISTOLOGY

Electron microscope study of the Grandry and Herbst corpuscles in the palatine mucosa, gingival mucosa and beak skin of the duck. Watanabe I, et al. **Arch Histol Jpn** 1985 Feb;48(1):89–108

Ultrastructural development of the Herbst corpuscles in the skin of the beak of the domestic duck (Anas platyrhynchos, f. domestica). Malinovský L, et al. **Folia Morphol (Praha)** 1985;33(2):150–5

The subnuclei and primary afferents of the descending trigeminal system in the mallard (Anas platyrhynchos L.). Arends JJ, et al. **Neuroscience** 1984 Nov;13(3):781–95

The efferent connections of the nuclei of the descending trigeminal tract in the mallard (Anas platyrhynchos L.). Arends JJ, et al. **Neuroscience** 1984 Nov;13(3):797–817

The subendocardial Purkinje fiber of the duck. Murakami T, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):937–40

[Innervation of the adrenal chromaffin cells of Anas boscas. Ultrastructural study] Corona M, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2223–7 (Eng. Abstr.) **(Ita)**

[Morphofunctional features of lymphoid tissue in the normal duck and after antigenic stimulation] Berezina EA. **Arkh Anat Gistol Embriol** 1984 Jul;87(7):49–57 (Eng. Abstr.) **(Rus)**

BLOOD

Terminal plasmin degradation products D and E of duck fibrinogen and their effect on polymerization of fibrin. Krajewski T, et al. **Acta Biochim Pol** 1985;32(2):144–54

Globin proteins of the normal and anemic duck. Frankis RC, et al. **Arch Biochem Biophys** 1985 Apr;238(1):178–86

The biological activity of duck 'big' somatostatin on chicken adipose tissue. Di Scala-Guenot D, et al. **Biochim Biophys Acta** 1985 May 30;845(2):261–4

Formalin preservation of avian blood for metal and DDE analysis. Wiemeyer SN, et al. **Bull Environ Contam Toxicol** 1984 Nov;33(5):525–32

Adenine nucleotides in thrombocytes of birds. Wachowicz B. **Cell Biochem Funct** 1984 Jul;2(3):167–70

Angiotensin II in plasma of Pekin ducks: its concentration after adaptation to freshwater and saltwater. Gray DA, et al. **Clin Exp Hypertens [A]** 1984;6(10–11):1769–72

Effects of chronic changes in dietary electrolytes and acute stress on plasma levels of corticosterone and aldosterone in the duck (Anas platyrhynchos). Klingbeil CK. **Gen Comp Endocrinol** 1985 Apr;58(1):10–9

Transitory corticosterone responses of ducks (Anas platyrhynchos) to exercise. Rees A, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):100–4

Amino acids in normal and diabetic ducks. Laurent F, et al. **Horm Metab Res** 1985 May;17(5):223–5

Conjugated catecholamines in birds. Wilson JX. **Neurosci Lett** 1984 Oct 26;51(3):337–40

Purification and primary structures of duck fibrinopeptides A and B. Yuan M, et al. **Sci Sin [B]** 1985 Jan;28(1):31–5

[Effects of the duration of fasting and of refeeding on pancreatic hormones and plasma metabolites in the duck] Brahim MB, et al. **Tunis Med** 1984 Jul–Aug;62(4):307–13 (Eng. Abstr.) **(Fre)**

EMBRYOLOGY

Imprinting of the Peking duck (Anas platyrhynchos) and dependence on exposure to light during ontogenesis. Teuchert G, et al. **Experientia** 1985 Mar 15;41(3):400–2

Vascular regression during the formation of the free digits in the avian limb bud: a comparative study in chick and duck embryos. Hurle JM, et al. **J Embryol Exp Morphol** 1985 Feb;85:239–50

Histological development of the paracloacal vascular body in the male embryo of muscovy duck, Cairina moschata. Fujimura H, et al. **Nippon Juigaku Zasshi** 1984 Jun; 46(3):291–6

GENETICS

Study of the mutagenic effect of Redentin on various species of animals. Selypes A, et al. **Acta Vet Hung** 1984; 32(3–4):213–7

Chromosomal arrangement of the duck alpha-globin genes and primary structure of the embryonic alpha-globin gene pi. Erbil C, et al. **Gene** 1984 Dec;32(1–2):161–70

Characterization of duck genome fragments containing beta and epsilon globin genes. Lin FK, et al. **Gene** 1984 Nov; 31(1–3):59–64

GROWTH & DEVELOPMENT

Suppression of a thioesterase gene expression and the disappearance of short chain fatty acids in the preen gland of the mallard duck during eclipse, the period following postnuptial molt. Kolattukudy PE, et al. **J Biol Chem** 1985 Sep 5;260(19):10789–93

[Effect of arprinocid on the growth of young ducks (Anas platyrhynchos)] Siebentritt M, et al. **Berl Munch Tierarztl Wochenschr** 1984 Jul 1;97(7):251–5 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Antibodies to hen and duck antigens in poultry workers. Andersen P, et al. **Clin Allergy** 1984 Sep;14(5):421–8

Incidence of chlamydial antibodies in commercial duck flocks. Chalmers WS. **Vet Rec** 1984 Dec 22–29; 115(25–26):651–2

METABOLISM

Purification and characterization of a fatty acyl-CoA hydrolase from the uropygial glands of Peking ducks (Anas domesticus). Cheesbrough TM, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):208–16

A comparison of in vivo catalysis by creatine kinase in avian skeletal muscles with different fibre composition. Smith MB, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):174–8

Heavy metal concentrations of duck tissues in relation to ingestion of spent shot. Hall SL, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):163–72

Comparisons of nine heavy metals in salt gland and liver of greater scaup (Aythya marila), black duck (Anas rubripes) and mallard (A. platyrhynchos). Burger J, et al. **Comp Biochem Physiol [C]** 1985;81(2):287–92

Biochemical and physiological responses of growing chickens and ducklings to dietary aflatoxins. Ostrowski-Meissner HT. **Comp Biochem Physiol [C]** 1984;79(1):193–204

Avian species differences in the intestinal absorption of xenobiotics (PCB, dieldrin, Hg2+). Serafin JA. **Comp Biochem Physiol [C]** 1984;78(2):491–6

A profile of the intestinal mucosal corticosteroid receptors in the domestic duck. DiBattista JA, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):31–49

Interaction of S-acyl fatty acid synthase thioester hydrolase with fatty acid synthase. Direct measurement of binding by fluorescence anisotropy. Foster RJ, et al. **J Biol Chem** 1985 Feb 10;260(3):1386–9

[Dynamics of abrasion of lead pellets in the gizzard of domestic ducks] Cibulka J, et al. **Tierarztl Prax** 1984; 12(3):317–22 (Eng. Abstr.) **(Ger)**

MICROBIOLOGY

The isolation of influenza A viruses and paramyxoviruses from feral ducks in New Zealand. Austin FJ, et al. **Aust J Exp Biol Med Sci** 1984 Jun;62 (Pt 3):355–60

Detection of duck plague virus by reverse passive hemagglutination test. Deng MY, et al. **Avian Dis** 1984

Jul-Sep;28(3):616-28

Isolation of avian paramyxoviruses from sentinel ducks and turkeys in Minnesota. Kelleher CJ, et al. **Avian Dis** 1985 Apr-Jun;29(2):400-7

Liver orcein stain and viral DNA in duck hepatitis B virus infection in Chinese ducks and experimentally infected Japanese ducklings. Mori J, et al. **Hepatology** 1984 Nov-Dec;4(6):1124-8

Maternal transmission of duck hepatitis B virus in pedigree Pekin ducks. Tsiquaye KN, et al. **Hepatology** 1985 Jul-Aug; 5(4):622-8

Duck hepatitis B virus DNA in liver and serum of Chinese ducks: integration of viral DNA in a hepatocellular carcinoma. Yokosuka O, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5180-4

PARASITOLOGY

Parasitic arthropods of wood ducks, Aix sponsa L., in the Atlantic Flyway. Thul JE. **J Wildl Dis** 1985 Jul;21(3):316-8

PHYSIOLOGY

Free and forced diving in ducks: habituation of the initial dive response. Gabrielsen GW. **Acta Physiol Scand** 1985 Jan;123(1):67-72

Arginine vasotocin and glomerular filtration rate in saltwater-acclimated ducks. Gerstberger R, et al. **Am J Physiol** 1985 May;248(5 Pt 2):F663-7

Salt gland and kidney responses to intracerebral osmotic stimulation in salt- and water-loaded ducks. Gerstberger R, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R1022-8

Pulmonary vascular resistance during unilateral pulmonary arterial occlusion in ducks. Powell FL, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R39-43

Sublethal effects of cadmium ingestion on mallard ducks. Di Giulio RT, et al. **Arch Environ Contam Toxicol** 1984 Nov; 13(6):765-71

Pharmacological investigations of the vasodilator nerves supplying the duck's foot. Bell C, et al. **Br J Pharmacol** 1984 Aug;82(4):801-8

Growth hormone secretion and pancreatic function following somatostatin infusion in ducks (Anas platyrhynchos). Strosser MT, et al. **Br Poult Sci** 1985 Jul;26(3):425-32

Arterial hypotension at elevated plasma levels of Na+, ADH and AII in ducks with high chronic salt intake. Simon-Oppermann C, et al. **Clin Exp Hypertens [A]** 1984; 6(10-11):2117-21

Angiotensin and converting enzyme regulate extrarenal salt excretion in ducks. Wilson JX, et al. **Endocrinology** 1985 Jul;117(1):135-40

Histochemical research into the facial caruncle of the Muscovy duck (Cairina moschata domestica L.) and its relationship with the adrenal glands and gonads. Ricciardi MP, et al. **Exp Biol** 1984;43(2):119-25

Seasonal variation in pituitary responsiveness to luteinizing hormone-releasing hormone of mallards and canvasbacks. Bluhm CK. **Gen Comp Endocrinol** 1985 Jun;58(3):491-7

Dietary sodium and adrenocortical activity in ducks (Anas platyrhynchos) and chickens (Gallus domesticus). Radke WJ, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):121-9

Comparative effects of somatostatin-28 and somatostatin-14 on basal growth hormone release and pancreatic function in immature ducks (Anas platyrhynchos). Strosser MT, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):265-70

Seasonal changes in the concentrations of plasma gonadotropins and prolactin in wild mallard drakes. Haase E, et al. **J Exp Zool** 1985 May;234(2):301-5

Volume regulatory action of central angiotensin II in the duck. Gerstberger R, et al. **J Physiol (Paris)** 1984; 79(6):518-23

Chemoreflex drive of ventilation during exercise in ducks. Faraci FM, et al. **Pflugers Arch** 1984 Oct;402(2):162-5

Ventilatory and circulatory changes during cold exposure in the Pekin duck Anas platyrhynchos. Bech C, et al. **Respir Physiol** 1984 Jul;57(1):103-12

Blood flow distribution during hypocapnic hypoxia in Pekin ducks and bar-headed geese. Faraci FM, et al. **Respir Physiol** 1985 Jul;61(1):21-30

Effects of increasing metabolism by 2,4-dinitrophenol on respiration and pulmonary gas exchange in the duck. Geiser J, et al. **Respir Physiol** 1984 Jul;57(1):1-14

Receptive fields of intrapulmonary chemoreceptors in the Pekin duck. Hempleman SC, et al. **Respir Physiol** 1984 Sep;57(3):317-30

Lung volume changes during respiration in ducks. Jones JH, et al. **Respir Physiol** 1985 Jan;59(1):15-25

Gas exchange during exercise in hypoxic ducks. Kiley JP, et al. **Respir Physiol** 1985 Jan;59(1):105-15

DUCTUS ARTERIOSUS

Ductus arteriosus aneurysm presenting as pulmonary artery obstruction: diagnosis and management. Fripp RR, et al. **J Am Coll Cardiol** 1985 Jul;6(1):234-6

ANATOMY & HISTOLOGY

Characteristic morphology of the constricted fetal ductus arteriosus following maternal administration of indomethacin. Momma K, et al. **Pediatr Res** 1985 May; 19(5):493-500

DRUG EFFECTS

Constriction of fetal ductus arteriosus by non-steroidal anti-inflammatory drugs:study of additional 34 drugs. Momma K, et al. **Prostaglandins** 1984 Oct;28(4):527-36

[Value of prostaglandin E1 in cardiac malformations in the newborn infant] Sassolas F, et al. **Pediatrie** 1984 Jun; 39(4):245-52 (Eng. Abstr.) **(Fre)**

METABOLISM

Release of prostaglandins and monohydroxy and trihydroxy metabolites of linoleic and arachidonic acids by adult and fetal aortae and ductus arteriosus. Funk CD, et al. **J Biol Chem** 1985 Jun 25;260(12):7481-8

PATHOLOGY

Human ductus arteriosus. A histological study on the relation between ductal maturation and gestational age. Tada T, et al. **Acta Pathol Jpn** 1985 Jan;35(1):23-34

PHYSIOLOGY

Hormonal role of adenosine in maintaining patency of the ductus arteriosus in fetal lambs. Mentzer RM Jr, et al. **Ann Surg** 1985 Aug;202(2):223-30

Vasoactivity of trimetazidine on guinea-pig isolated ductus arteriosus. Garnier D, et al. **Br J Pharmacol** 1985 Feb; 84(2):517-24

PHYSIOPATHOLOGY

Decreased contractility of the ductus arteriosus in experimental pulmonic stenosis. Mahony L, et al. **Circulation** 1984 Oct;70(4):695-9

SURGERY

[A survival case of persistent fetal circulation following surgery of diaphragmatic hernia by ligature of the ductus arteriosus] Ihara K, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Sep;32(9):1375-80 (Eng. Abstr.) **(Jpn)**

ULTRASTRUCTURE

Histologic studies on normal and persistent ductus arteriosus in the dog. Gittenberger-de Groot AC, et al. **J Am Coll Cardiol** 1985 Aug;6(2):394-404

DUCTUS ARTERIOSUS, PATENT

Patent ductus arteriosus in the premature neonate. Page GG. **Heart Lung** 1985 Mar;14(2):156-62 (36 ref.)

[Patency of ductus arteriosus in the premature newborn infant: diagnosis, complications, treatment] Agnetti A, et al. **Pediatr Med Chir** 1984 Sep-Oct;6(5):609-15 (Eng. Abstr.) **(Ita)**

CLASSIFICATION

[Persistent ductus arteriosus; classification and study of 24 cases] Noriega-Ramos N, et al. **Bol Med Hosp Infant Mex** 1985 Jun;42(6):360-70 (Eng. Abstr.) **(Spa)**

COMPLICATIONS

Bronchial compression by a patent ductus arteriosus associated with pulmonary atresia. Markowitz RI, et al. **AJR** 1985 Mar;144(3):535-40

Echocardiographic recognition of pulmonary artery endarteritis in patent ductus arteriosus. Vargas-Barron J, et al. **Am Heart J** 1985 Feb;109(2):368-70

Intrauterine closure of the ductus arteriosus in association with prune belly syndrome. Tada T, et al. **Hum Pathol** 1985 Sep;16(9):952-5

Left recurrent laryngeal nerve palsy associated with primary pulmonary hypertension and patent ductus arteriosus. Nakao M, et al. **J Am Coll Cardiol** 1985 Mar;5(3):788-92

[Hajdu-Cheney acro-osteolysis and calcified aneurysm of patent ductus arteriosus] Blery M, et al. **Ann Radiol (Paris)** 1984 Jan;27(1):27-30 (Eng. Abstr.) **(Fre)**

[A case of tunnel subaortic stenosis associated with patent ductus arteriosus with severe pulmonary hypertension in a middle-aged woman] Ikeda T, et al. **Kokyu To Junkan** 1985 Feb;33(2):205-10 (Eng. Abstr.) **(Jpn)**

[Electro- and phonocardiographic diagnosis of aortic coarctation associated with patent ductus arteriosus] Dvinianinova NB, et al. **Kardiologiia** 1984 Oct;24(10):108-9 **(Rus)**

DIAGNOSIS

The silent ductus arteriosus in idiopathic respiratory distress syndrome. Archer LN, et al. **Acta Paediatr Scand** 1984 Sep; 73(5):652-6

Combined noninvasive assessment of the patent ductus arteriosus in the preterm infant before and after indomethacin treatment. Smallhorn JF, et al. **Am J Cardiol** 1984 Dec 1;54(10):1300-4

Peripheral arterial contrast echocardiography: a new method for the detection of left-to-right shunting patent ductus arteriosus. Oguchi K, et al. **Cathet Cardiovasc Diagn** 1984; 10(5):501-6

An unusual murmur in an adolescent. Greenwood RD. **Hosp Pract [Off]** 1985 Jun 15;20(6):27, 30

Assessment of the ductus arteriosus in preterm infants utilizing suprasternal two-dimensional/Doppler echocardiography. Vick GW 3d, et al. **J Am Coll Cardiol** 1985 A[illegible]5(4):973-7

Systemic to pulmonary collaterals mimicking patent ductus arteriosus in neonates with prolonged ventilatory courses. Ascher DP, et al. **J Pediatr** 1985 Aug;107(2):282-4

Hemodynamically significant PDA: an echocardiographic and clinical assessment of incidence, natural history, and outcome in very low birth weight infants maintained in negative fluid balance. Reller MD, et al. **Pediatr Cardiol** 1985;6(1):17-23

Value of systolic time intervals in the diagnosis of large patent ductus arteriosus in fluid-restricted and mechanically ventilated preterm infants. Heitz F, et al. **Pediatrics** 1984 Dec;74(6):1069-74

Continuous heart murmurs in childhood. Case reports and a review. Daubenton JD, et al. **S Afr Med J** 1984 Sep 29;66(13):499-501

Patent ductus arteriosus. Swischuk LE. **Semin Roentgenol** 1985 Jul;20(3):236-43 (16 ref.)

[Vascular malformations imitating a patent ductus arteriosus] Balatka J, et al. **Cesk Pediatr** 1985 May;40(5):291-3 (Eng. Abstr.) **(Cze)**

[Pulsed Doppler and bidimensional echocardiography in patent ductus arteriosus] Cherifi MA, et al. **Arch Mal Coeur** 1985 Jan;78(1):73-80 (Eng. Abstr.) **(Fre)**

[Pulsed Doppler and bidimensional echocardiography in ductus arteriosus (letter)] Cloez JL, et al. **Arch Mal Coeur** 1985 Jun;78(6):971-2 **(Fre)**

[Clinical and paraclinical aspects of patent ductus arteriosus] Chaara A, et al. **Maroc Med** 1984 Dec;6(4):307-13 (Eng. Abstr.) **(Fre)**

[Phonocardiographic findings of atypical patent ductus arteriosus with pulmonary hypertension] Matsuhisa M, et al. **J Cardiogr** 1984 Aug;14(2):375-87 (Eng. Abstr.) **(Jpn)**

[Echocardiographic study of the persistence of the ductus arteriosus in premature newborn infants] de Sarasqueta P, et al. **Bol Med Hosp Infant Mex** 1984 Jun;41(6):324-8 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Use of isoproterenol in infants [letter] Zaritsky AL, et al. **Crit Care Med** 1985 Sep;13(9):775

Aminoglycoside treatment and renal prostaglandin excretion in premature infants. Kühl PG, et al. **Dev Pharmacol Ther** 1985;8(1):61-7

Intestinal perforation associated with indomethacin treatment in premature infants. Kühl G, et al. **Eur J Pediatr** 1985 Jan;143(3):213-6

I.v. indomethacin approved to close patent ductus arteriosus. **FDA Drug Bull** 1985 Apr;15(1):4-5

The use of dopamine for the prevention of the renal side effects of indomethacin in premature infants with patent ductus arteriosus. Seri I, et al. **Int J Pediatr Nephrol** 1984 Dec;5(4):209-14

Localized intestinal perforations after enteral administration of indomethacin in premature infants. Alpan G, et al. **J Pediatr** 1985 Feb;106(2):277-81

Indomethacin therapy on the first day of life in infants with very low birth weight. Mahony L, et al. **J Pediatr** 1985 May;106(5):801-5

Digoxin and indomethacin in preterm infants with PDA [letter] Zarfin Y, et al. **J Pediatr** 1984 Oct;105(4):678-9

Decreased plasma glucose following indomethacin therapy in premature infants with patent ductus arteriosus. Lilien LD, et al. **Pediatr Pharmacol (New York)** 1985;5(1):73-7

[Long-term treatment using prostaglandin E2 in congenital heart defects with the pulmonary circulation being supplied by a patent ductus arteriosus] Hruda J, et al. **Cesk Pediatr** 1985 May;40(5):257-62 (Eng. Abstr.) **(Cze)**

[Prostaglandin therapy in newborn infants with a Botalli duct-dependent circulation] van der Sijp JR, et al. **Tijdschr Kindergeneeskd** 1985 Feb;53(1):20-5 (Eng. Abstr.) **(Dut)**

[Nonsteroidal anti-inflammatory agents in pediatrics (2)] Louis JJ. **Pediatrie** 1984 Jun;39(4):295-313 (178 ref.) **(Fre)**

[Early closure of ductus arteriosus with indomethacin] Kääpä P. **Klin Padiatr** 1985 Mar-Apr;197(2):172 (Eng. Abstr.) **(Ger)**

[Efficacy of indomethacin in the closure of patent ductus arteriosus in premature newborn infants with cardiac insufficiency. Analysis of 14 cases] Atik E, et al. **Arq Bras Cardiol** 1984 Sep;43(3):185-9 (Eng. Abstr.) **(Por)**

[Prostaglandin treatment of ductus-dependent congenital heart defects] Olsson B, et al. **Lakartidningen** 1984 Oct 3; 81(40):3619-22 **(Swe)**

FAMILIAL & GENETIC

Patent ductus arteriosus, atrial septal defect and branch pulmonary artery stenosis: a possible new syndrome. Mahony L, et al. **Am J Cardiol** 1985 Mar 1;55(6):859-60

Pachyonychia congenita with patent ductus arteriosus [letter] Nigam P, et al. **J Dermatol (Tokyo)** 1984 Jun;11(3):305-7

PATHOLOGY

Human ductus arteriosus. A histological study on the relation between ductal maturation and gestational age. Tada T, et al. **Acta Pathol Jpn** 1985 Jan;35(1):23-34

Histologic studies on normal and persistent ductus arteriosus in the dog. Gittenberger-de Groot AC, et al. **J Am Coll Cardiol** 1985 Aug;6(2):394-404

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. A 2 1/2-year-old girl with Down's syndrome and evidence of pulmonary hypertension. **N Engl J Med** 1985 Feb 21;312(8):497-506

PHYSIOPATHOLOGY

Effect of patent ductus arteriosus on lower extremity blood flow velocity patterns in preterm infants. Alverson DC, et al. **Am J Perinatol** 1984 Apr;1(3):216-22

Pulmonary artery velocity patterns in ductus arteriosus. Wilson N, et al. **Br Heart J** 1984 Oct;52(4):462-4

Persistent responsiveness of the neonatal ductus arteriosus in immature lambs: a possible cause for reopening of patent ductus arteriosus after indomethacin-induced closure. Clyman RI, et al. **Circulation** 1985 Jan;71(1):141-5

Association of low systolic and diastolic blood pressure with significant patent ductus arteriosus in the very low birth weight infant. Ratner I, et al. **Crit Care Med** 1985 Jun; 13(6):497-500

Spontaneous dissecting aneurysm of the ductus arteriosus in an infant with Marfan syndrome. Gillan JE, et al. **J Pediatr** 1984 Dec;105(6):952-5

Quantitative radiocardiography in patients with patent ductus arteriosus. Matsumura T. **Jpn Circ J** 1985 Jan;49(1):25-37

Ultrasound detection and quantitation of left to right aortopulmonary shunt flow in a canine model. Henry GW, et al. **Pediatr Res** 1985 Apr;19(4):349-54

The role of the patent ductus arteriosus in respiratory distress syndrome. Clyman R. **Semin Perinatol** 1984 Oct;8(4):293-9 (56 ref.)

RADIOGRAPHY

[Angiocardiographic diagnosis. Patent ductus arteriosus] Villavicencio R, et al. **Bol Asoc Med PR** 1985 Mar; 77(3):115-6 **(Spa)**

SURGERY

Operative closure of patent ductus [letter] **Ann Thorac Surg** 1985 Jan;39(1):96-7

Aneurysm of main pulmonary artery in a neonate with airway obstruction and heart failure: long-term survival after pulmonary artery aneurysmectomy and patent ductus arteriosus ligation. Balsara RK, et al. **Ann Thorac Surg** 1985 Feb;39(2):177-9

Closure of patent ductus [letter] Dobell AR. **Ann Thorac Surg** 1985 Mar;39(3):292

The experimental production of a persistent ductus arteriosus for testing catheter closure devices. Warnecke I, et al. **Ann Thorac Surg** 1985 May;39(5):441-4

Developmental sequelae in premature infants undergoing ligation of patent ductus arteriosus. Wilkerson SA, et al. **Ann Thorac Surg** 1985 Jun;39(6):541-6

Aortobronchial fistula: a late complication of division of the persistent ductus arterioeus. Wood AE, et al. **Ann Thorac Surg** 1984 Oct;38(4):402-5

Successful surgical repair of a patent arterial duct (ductus arteriosus) in a 63-year-old woman. Jack CM, et al. **Int J Cardiol** 1985 Jul;8(3):335-8

Truncus arteriosus. Surgical approach. Sharma AK, et al. **J Thorac Cardiovasc Surg** 1985 Jul;90(1):45-9

Modified Blalock-Taussig shunt following long-term administration of prostaglandin E1 for ductus-dependent neonates with cyanotic congenital heart disease. Yokota M, et al. **J Thorac Cardiovasc Surg** 1985 Sep;90(3):399-403

Ductal origin of the left pulmonary artery in severe tetralogy of Fallot: problems in management. Jedeikin R, et al. **Pediatr Cardiol** 1984;5(4):323-6

Ligation of patent ductus arteriosus in very low birthweight premature neonates. Ghosh PK, et al. **Thorax** 1985 Jul; 40(7):533-7

[Closure of patent ductus arteriosus without thoracotomy] Qian JQ. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Jun;12(2):101-3 **(Chi)**

[Idiopathic lung hemosiderosis in a 3-year-old child following ductus ligation in the neonatal period] Mutz I, et al. **Klin Padiatr** 1985 Mar-Apr;197(2):130-4 (Eng. Abstr.) **(Ger)**

[Paralysis of the left recurrent nerve associated with severe pulmonary hypertension in a woman having had surgery of Botallo's duct] Canziani R, et al. **Minerva Cardioangiol** 1984 Dec;32(12):917-22 (Eng. Abstr.) **(Ita)**

[Abnormal septal motion following non-surgical closure of the patent ductus arteriosus] Itaya M, et al. **J Cardiogr** 1984; 14 Suppl 4:75-83 (Eng. Abstr.) **(Jpn)**

[Pre- and postoperative cardiac functions and problems of adult patients with patent ductus arteriosus] Chen G, et al. **Kyobu Geka** 1985 Apr;38(4):295-8 (Eng. Abstr.) **(Jpn)**

[Surgical approach to contralateral patent ductus arteriosus] Harada Y, et al. **Kyobu Geka** 1985 Mar;38(3):191-4 (Eng. Abstr.) **(Jpn)**

[Transpulmonary artery closure of PDA in the adult patient with decreased pulmonary function] Kidani M, et al. **Kyobu Geka** 1985 Feb;38(2):147-9 (Eng. Abstr.) **(Jpn)**

[A successful operative case of congenital rubella syndrome--subaortic membranous stenosis associated with VSD, PDA and branch PS] Sano S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Sep;32(9):1394-9 (Eng. Abstr.) **(Jpn)**

[Operation in an anomaly of the superior pulmonary vein combined with patent ductus arteriosus] Trunov AD, et al. **Grudn Khir** 1985 May-Jun;(3):90-1 **(Rus)**

[Surgical treatment of the ductus arteriosus in premature infants] Ochoa-Ramírez E, et al. **Gac Med Mex** 1983 Jul; 119(7):295-9 **(Spa)**

THERAPY

Transcatheter closure of patent ductus arteriosus in piglets. Lock JE, et al. **Am J Cardiol** 1985 Mar 1;55(6):826-9

Management of the premature infant with a patent ductus arteriosus. Dooley KJ. **Pediatr Clin North Am** 1984 Dec; 31(6):1159-74

VETERINARY

Radial agenesis and ulnar hypoplasia in two caprine kids. Baum KH, et al. **J Am Vet Med Assoc** 1985 Jan 15; 186(2):170-1

[Surgical repair of patent ductus arteriosus in the dog] Odendaal JS, et al. **J S Afr Vet Assoc** 1984 Dec;55(4):211-3 (Eng. Abstr.) **(Afr)**

DUCTUS DEFERENS see **VAS DEFERENS**

DUE PROCESS see **JURISPRUDENCE**

DUFFY BLOOD-GROUP SYSTEM see under **BLOOD GROUPS**

DUHRING'S DISEASE see **DERMATITIS HERPETIFORMIS**

DULCITOL see under **SUGAR ALCOHOLS**

DUMPING SYNDROME

BLOOD

Neurotensin, vasoactive intestinal peptide, and Roux-en-Y gastrojejunostomy. Their role in the dumping syndrome. Sirinek KR, et al. **Arch Surg** 1985 May;120(5):605-9

DIET THERAPY

Reduction in symptoms after proximal selective vagotomy through increased dietary viscosity. Harju E, et al. **Am J Gastroenterol** 1984 Nov;79(11):861-3

DRUG THERAPY

Somatostatin and the dumping syndrome. Long RG, et al. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):886-8

Somatostatin and the dumping syndrome [letter] Reasbeck PG, et al. **Br Med J [Clin Res]** 1985 Apr 13;290(6475):1147

[Effect of gastrozepin on the rate of gastric emptying in patients with peptic ulcer and dumping syndrome following gastric resection] Saakian Ag. **Klin Med (Mosk)** 1985 Apr; 63(4):72-6 (Eng. Abstr.) **(Rus)**

ETIOLOGY

[Exclusion of the stomach from the digestive tract after esophagoplasty as the cause of severe dumping syndrome] Rosińska T, et al. **Pol Tyg Lek** 1985 Feb 18;40(7):201-3 (Eng. Abstr.) **(Pol)**

METABOLISM

Effect of acarbose on biochemical responses and clinical symptoms in dumping syndrome. Lyons TJ, et al. **Digestion** 1985;31(2-3):89-96

PHYSIOPATHOLOGY

Increased flow in the superior mesenteric artery in dumping syndrome. Aldoori MI, et al. **Br J Surg** 1985 May; 72(5):389-90

[Interdigestive motility of the gastric stump and small intestine in dumping syndrome patients] Buryl AN, et al. **Klin Khir** 1984 Aug;(8):25-8 (Eng. Abstr.) **(Rus)**

SURGERY

Intestinal intussusception valve for postgastrectomy bile reflux and/or dumping. Svensson JO, et al. **Acta Chir Scand** 1985;151(4):355-60

[Dumping syndrome in children] Volobuev NN, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):134-5 **(Rus)**

[Choice of type of surgical intervention in the dumping syndrome after a Billroth I gastric resection] Volobuev NN, et al. **Klin Khir** 1984 Aug;(8):68-70 (Eng. Abstr.) **(Rus)**

THERAPY

[Therapy of the late sequelae of vagotomy in our experience] Marinaccio F, et al. **Minerva Chir** 1984 Jul 15-31; 39(13-14):995-1002 (Eng. Abstr.) **(Ita)**

DUODENAL DISEASES

[Duodenal diverticula: clinical and therapeutic considerations] Pulcini M, et al. **Ann Ital Chir** 1984; 56(4):351-9 **(Ita)**

[Diverticula of the duodenum] Lavagna F, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):221-9 (Eng. Abstr.) **(Ita)**

[External postoperative duodenal fistulae] Voitenok NK, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):46-9 (Eng. Abstr.) **(Rus)**

[Spontaneous perforation of the duodenum in a newborn infant] Geryk B, et al. **Rozhl Chir** 1984 Nov;63(11):741-3 (Eng. Abstr.) **(Slo)**

COMPLICATIONS

Duodenojejunostomy for the pancreaticobiliary complications of duodenal diverticulum. Critchlow JF, et al. **Ann Surg** 1985 Jul;202(1):56-8

Diffuse non-specific aortitis with multiple saccular aneurysms and aorto-enteric fistula. Mukhopadhayay AK, et al. **Br Heart J** 1985 Jul;54(1):102-4

Surgically correctable recurring pancreatitis. Waldron R, et al. **Br J Surg** 1985 Mar;72(3):203

Acute upper gastro-intestinal haemorrhage in a patient with choledochoduodenal fistula. Harte PJ, et al. **Ir Med J** 1984 Nov;77(11):353-4

Tuberculous abscess of the liver with duodenal fistula. Vajaradul C, et al. **J Med Assoc Thai** 1984 Oct;67(10):574-9

Duodenal tuberculosis. Ahmad M, et al. **JPMA** 1985 Feb; 35(2):53-4

A duodenal duplication cyst communicated with an accessory pancreatic duct. Shimada H, et al. **Jpn J Surg** 1984 Jul;14(4):320-6

Peripapillary duodenal diverticulum and biliary tract diseases. Suzuki N, et al. **Jpn J Surg** 1984 Nov;14(6):479-85

The 1-g 14C-D-xylose breath test in gallstone patients with and without duodenal diverticula. Skar V, et al. **Scand J Gastroenterol** 1985 May;20(4):447-51

Atypical mycobacterial and cytomegalovirus infection of the duodenum in a patient with acquired immunodeficiency syndrome: endoscopic and histopathologic appearance. Caya JG, et al. **Wis Med J** 1984 Nov;83(11):33-6

[Fever 13 years following an aortofemoral bypass operation] Lins RL, et al. **Acta Clin Belg** 1984;39(3):167-70 (Eng. Abstr.) **(Dut)**

[Primary aortoduodenal fistula, a rare cause of gastrointestinal blood loss] Voorhoeve R, et al. **Ned Tijdschr Geneeskd** 1985 May 11;129(19):908-10 (Eng. Abstr.) **(Dut)**

[Primary aortoduodenal fistula: apropos of 2 cases] Fastrez J, et al. **Acta Chir Belg** 1985 Jan-Feb;85(1):61-6 (Eng. Abstr.) **(Fre)**

[A new complication of duodenal diverticulum: occlusion of the small intestine by a bezoar] Mercier V, et al. **Ann Chir** 1984 Dec;38(9):691-2 (Eng. Abstr.) **(Fre)**

[Duodeno-biliary reflux as a cause of hepatic colic] Juszczyk Z, et al. **Wiad Lek** 1985 Mar 15;38(6):444-6 (Eng. Abstr.) **(Pol)**

[Infrahepatic jaundice in a patient with a perivaterian diverticulum of the duodenum] Tsokalo VA, et al. **Vrach Delo** 1984 Dec;(12):81-3 **(Rus)**

[Paraduodenal hernia: report of 2 cases] Castillo O, et al. **Rev Med Chil** 1984 Oct;112(10):1026-9 (Eng. Abstr.) **(Spa)**

CONGENITAL

[Polyhydramnios associated with monolateral hydronephrosis, intestinal malrotation and duodenal stenosis] Riboni G, et al. **Radiol Med (Torino)** 1984 Jul-Aug;70(7-8):538-9 **(Ita)**

DIAGNOSIS

The clinical and imaging spectrum of pancreaticoduodenal lymph node enlargement. Zeman RK, et al. **AJR** 1985 Jun; 144(6):1223-7

Gastroduodenal cytomegalovirus infection after renal transplantation. Fiberscopic observations. Kodama T, et al. **Endoscopy** 1985 Jul;17(4):157-8

Relapsing pancreatitis associated with duodenal wall cysts. Diagnostic approach and treatment. Holstege A, et al. **Gastroenterology** 1985 Mar;88(3):814-9

Intramural duodenal hematoma. Alsop WR, et al. **Gastrointest Endosc** 1985 Feb;31(1):32-4

Spontaneous production of a pyeloduodenal fistula. Kiss T, et al. **Int Urol Nephrol** 1984;16(3):195-8

Duodenal tuberculosis. Thompson JN, et al. **J R Coll Surg Edinb** 1984 Sep;29(5):292-5

Case report: Rhode Island Hospital [clinical conference] Albala MM, et al. **RI Med J** 1985 Jan;68(1):35-41

Ureteroduodenal fistula. Sumiya H, et al. **Urol Int** 1985; 40(1):33-5

ERCP documentation of pancreatic ascites and cystoenteric fistula. Brozinsky S. **West J Med** 1985 Apr;142(4):552-4

[Duodenal diverticulum] Cheng TC, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Dec;83(12):1260-7 (Eng. Abstr.) **(Chi)**

[Duodenal varices. Review of the literature apropos of a case] Boutboul R, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Mar-Apr;20(2):71-4 (Eng. Abstr.) **(Fre)**

[Left internal paraduodenal hernia: a case in a young adult]

Maillet B, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Dec;20(6):363–7 (Eng. Abstr.) (Fre)

[Value of the string test in the diagnosis of duodenal parasitosis] Penalba C, et al. **Bull Soc Pathol Exot Filiales** 1984 May–Jun;77(3):352–9 (Eng. Abstr.) (Fre)

[Sonography in extensive juxtapapillary duodenal diverticulum] Müller GE, et al. **Ultraschall Med** 1984 Dec; 5(6):312–4 (Eng. Abstr.) (Ger)

[Duodenal diverticulum—possibility for erroneous diagnosis in the sonographic diagnosis of pancreas head tumor (case report)] Wagner W, et al. **Ultraschall Med** 1985 Feb; 6(1):46–8 (Eng. Abstr.) (Ger)

[Splenic arrhythmia, a reliable sign of bilio–duodenal pathology] Stagnaro S. **Minerva Med** 1985 Jul 31; 76(30–31):1426–7 (Ita)

[Endoscopic verification of dyspeptic disorders] Szadkowski M, et al. **Pol Tyg Lek** 1984 Jun 4;39(23):765–71 (Eng. Abstr.) (Pol)

[Clinico–statistical analysis of 1000 panendoscopies of the upper segment of the digestive tract in the population of eastern Libya (Cyrenaica)] Szadkowski M. **Pol Tyg Lek** 1984 Jul 2;39(27):911–4 (Eng. Abstr.) (Pol)

[Duodenal diverticuli in the region of Vater's ampulla] Maiat VS, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):44–7 (Eng. Abstr.) (Rus)

[Relation of endoscopic and surgical findings in patients with hemorrhage into the upper part of the digestive tract] Bátovský M, et al. **Vnitr Lek** 1984 Sep;30(9):871–6 (Eng. Abstr.) (Slo)

DRUG THERAPY

Propranolol for duodenal mucosal edema [letter] Gogel HK, et al. **Gastrointest Endosc** 1985 Feb;31(1):51–2

[Critical evaluation of the protracted use of somatostatin in the conservative treatment of complex pancreatico–duodenal fistulas] Rumi A, et al. **Chir Ital** 1983 Dec;35(6):1003–13 (Eng. Abstr.) (Ita)

ETIOLOGY

Major gastrointestinal haemorrhage as a complication of cholecystoduodenal fistula in gallstone disease. Report of three cases. Hjelmqvist B, et al. **Ann Chir Gynaecol** 1985; 74(1):6–8

Choledochoduodenal fistula and gallstone ileus in the absence of the gallbladder [letter] Derodra J. **Can J Surg** 1985 Jul; 28(4):302

Aortoenteric fistula developing 7 years after aortofemoral bypass surgery [letter] Gough JC. **Can Med Assoc J** 1984 Sep 15;131(6):539–41

Triple lumen pylorus—a complication of peptic ulcer. Moses FM, et al. **Gastrointest Endosc** 1985 Feb;31(1):23–5

Prevalence of gastroduodenal lesions in uremic patients undergoing dialysis and after renal transplantation. Musola R, et al. **Gastrointest Endosc** 1984 Dec;30(6):343–6

Cimetidine therapy and duodenal candidiasis [letter] Thomas E, et al. **Gastrointest Endosc** 1985 Feb;31(1):52

Delirium tremens, hemorrhagic pancreatic pseudocyst with duodenal ileus, and fatal shock [letter] Kaschka WP, et al. **Hepatogastroenterology** 1985 Apr;32(2):108

Choledochoduodenal fistula and choledocholithiasis: treatment by endoscopic enlargement of the choledochoduodenal fistula. Van Linda BM, et al. **J Clin Gastroenterol** 1984 Aug;6(4):321–4

Nephro–duodenal fistula: a complication of percutaneous nephrolithotomy. Culkin DJ, et al. **J Urol** 1985 Sep; 134(3):528–30

Small–bowel obstruction caused by intraluminal migration of prosthetic grafts. Jarrett F, et al. **J Vasc Surg** 1985 May; 2(3):477–9

Increased risk of gastrointestinal perforations in neonates mechanically ventilated with either face mask or nasal prongs. Garland JS, et al. **Pediatrics** 1985 Sep;76(3):406–10

Cholecystoduodenocolic fistula and gallstone ileus. Gibbons CP, et al. **Postgrad Med J** 1984 Oct;60(708):698–9

Duodenal penetration by a dacron graft after iliac–portal A/V shunt in a porta–caval shunt with hepatic arterialization. Elizondo J, et al. **Rev Invest Clin** 1984 Apr–Jun;36(2):137–9

[Double pylorus and pyloroduodenal fistulas: two case reports and discussion] Keet AD, et al. **S Afr Med J** 1984 Nov 10;66(19):740–2 (Eng. Abstr.) (Afr)

[Duodenal complications of rheumatoid purpura. Endoscopic aspects] Chapoy P, et al. **Gastroenterol Clin Biol** 1984 Aug–Sep;8(8–9):604–8 (Eng. Abstr.) (Fre)

[Aortoduodenal fistula of tuberculous origin (letter)] Boisserie P, et al. **Presse Med** 1985 Jan 19;14(2):106–7 (Fre)

[Duodenal hematoma complicating the development of a cyanotic congenital cardiopathy (letter)] Bretagne JF, et al. **Presse Med** 1984 Oct 20;13(37):2267 (Fre)

[Isolated gastric or duoderal varices] Gertsch P, et al. **Schweiz Rundsch Med Prax** 1984 Sep 18;73(38):1147–8 (Eng. Abstr.) (Fre)

[Aortoduodenal fistula following aortic replacement—cause of massive upper gastrointestinal hemorrhage] Bätz W, et al. **Chirurg** 1985 Feb;56(2):117–9 (Ger)

[Traumatic duodenal rupture] Nöthiger F. **Helv Chir Acta** 1985 Jan;51(6):727–9 (Eng. Abstr.) (Ger)

[Apropos of spontaneous bilio–digestive fistulas] Zambon M, et al. **Ann Ital Chir** 1984;56(3):227–36 (Eng. Abstr.) (Ita)

[Granulomatous enterocolitis and colo–duodenal fistula] Mosca F, et al. **Minerva Chir** 1984 Dec 15–31; 39(23–24):1745–9 (Eng. Abstr.) (Ita)

[Traumatic intramural hematoma of the duodenum. Description of a case] Del Rossi C, et al. **Pediatr Med Chir** 1984 May–Jun;6(3):435–7 (Eng. Abstr.) (Ita)

[Idiopathic internal biliary fistulas] Kleba T. **Pol Tyg Lek** 1984 May 7;39(19):635–8 (Eng. Abstr.) (Pol)

[Gastrointestinal hemorrhage caused by rupture of an abdominal aorta aneurysm into the duodenum] Rudzińska-Fordońska K, et al. **Wiad Lek** 1985 Feb 15; 38(4):305–8 (Eng. Abstr.) (Pol)

[Complications of cholelithiasis caused by large calculi] Borovkov SA. **Khirurgiia (Mosk)** 1984 Jul;(7):96–9 (Rus)

[Intramural hematoma of duodenum. A complication of peroral duodeno–jejunal biopsy] Eizaguirre J, et al. **An Esp Pediatr** 1984 Jun;20(9):903–4 (Spa)

[Bouveret syndrome] Cortina Montes MA, et al. **Rev Esp Enferm Apar Dig** 1984 Nov;66(5):425–30 (Eng. Abstr.) (Spa)

[Spontaneous choledocoduodenostomy caused by lithiasis of hydatid origin in hepatic hydatidosis with massive invasion of the bile ducts] Gil–Albarellos Marcos R, et al. **Rev Esp Enferm Apar Dig** 1985 May;67(5):457–61 (Eng. Abstr.) (Spa)

[Reno–cutaneous–duodenal fistula] Saiz Carrero A, et al. **Rev Esp Enferm Apar Dig** 1985 Mar;67(3):281–4 (Eng. Abstr.) (Spa)

FAMILIAL & GENETIC

Chronic idiopathic megaduodenum in a family. Eaves ER, et al. **Aust NZ J Med** 1985 Feb;15(1):1–6

MICROBIOLOGY

Intestinal infection with Mycobacterium avium in acquired immune deficiency syndrome (AIDS). Histological and clinical comparison with Whipple's disease. Roth RI, et al. **Dig Dis Sci** 1985 May;30(5):497–504

Pyloric Campylobacter infection and gastroduodenal disease. Marshall BJ, et al. **Med J Aust** 1985 Apr 15;142(8):439–44

PARASITOLOGY

Intestinal giardiasis associated with ocular inflammation. Anderson ML, et al. **J Clin Gastroenterol** 1985 Apr; 7(2):169–72

PATHOLOGY

Pseudomelanosis duodeni: a clinicopathologic entity. Yamase H, et al. **Gastrointest Endosc** 1985 Apr;31(2):83–6

Endoscopic and bioptic study of the upper gastrointestinal tract in Crohn's disease patients. Schmitz–Moormann P, et al. **Pathol Res Pract** 1985 Jan;179(3):377–87

[Primary aortoenteric fistula of the 3d portion of the duodenum] Sölétormos G, et al. **Ugeskr Laeger** 1984 Apr 30;146(18):1366–7 (Eng. Abstr.) (Dan)

[Eosinophilic tumors of the duodenum and pancreas. Apropos of a case] Odimba BF, et al. **J Chir (Paris)** 1985 Apr;122(4):221–4 (Eng. Abstr.) (Fre)

[Nodular lymphoid hyperplasia of the duodenum in cancers of the gastrointestinal tract] Tessmann D, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(6):266–9 (Eng. Abstr.) (Ger)

[Generalized primary amyloidosis with massive involvement of the gastrointestinal tract] Dittrich HM, et al. **Z Gesamte Inn Med** 1985 Jun 15;40(12):377–80 (Eng. Abstr.) (Ger)

[Cholecystitis complicated by cholecystoduodenal fistula and phlegmon of the stomach] Petruk VI, et al. **Klin Khir** 1984 Sep;(9):61–2 (Rus)

PHYSIOPATHOLOGY

[Hemodynamic disorders in patients with gastroduodenal hemorrhage] Soldatov IuN. **Khirurgiia (Mosk)** 1984 Sep; (9):88–9 (Eng. Abstr.) (Rus)

PREVENTION & CONTROL

Cimetidine for prevention and treatment of gastroduodenal mucosal lesions in patients in an intensive care unit. Peura DA, et al. **Ann Intern Med** 1985 Aug;103(2):173–7

[Postoperative pancreatic fistulas: clinical study of a series of 114 consecutive cephalic duodeno–pancreatectomies] Lerut J, et al. **Acta Chir Belg** 1985 May–Jun;85(3):205–10 (Eng. Abstr.) (Fre)

RADIOGRAPHY

Cholecystoduodenal fistula. Alberti–Flor JJ, et al. **Am J Gastroenterol** 1985 Aug;80(8):655–7

CT diagnosis of cholecystoduodenal fistula. Harkavy LA, et al. **Am J Gastroenterol** 1985 Jul;80(7):569–71

Pyloro–duodenal gland tuberculosis in an aboriginal child. Bateson EM. **Australas Radiol** 1985 Feb;29(1):26–8

A case of a primary aorto–duodenal fistula detected by arteriography. Dendooven D, et al. **J Belge Radiol** 1984; 67(6):417–20

Case report: intraluminal duodenal diverticulum. Altin RS, et al. **J Med Soc NJ** 1985 May;82(5):391–2

Abnormal mucosal fold patterns in the duodenum. Seaman WB. **Mt Sinai J Med (NY)** 1984 Jul–Aug;51(4):421–8

[Intramural hematoma of the duodenum: x–ray computed tomographic aspect (letter)] Taieb C, et al. **Gastroenterol Clin Biol** 1985 May;9(5):454–5 (Fre)

[Tuberculosis of the duodenum] Rosenbusch G, et al. **ROFO** 1984 Oct;141(4):465–7 (Ger)

[Ultrasonically–guided percutaneous transhepatic cholecystography (US–PTCC) for diagnosis of spontaneous internal biliary fistula] Inui K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Aug;81(8):1817–23 (Eng. Abstr.) (Jpn)

RADIONUCLIDE IMAGING

Imaging of an actively bleeding aortoduodenal fistula. Makhija M, et al. **Clin Nucl Med** 1985 May;10(5):372–3

The role of an indium leukocyte scan in the diagnosis of a pyeloduodenal fistula associated with spontaneous disappearance of a staghorn calculus. Shortliffe LM. **J Urol** 1985 Jun;133(6):1020–1

SURGERY

Postoperative duodenal fistulas. A report of 23 cases with emphasis on the surgical treatment by the Roux–en–Y operation. De Backer A, et al. **Acta Chir Belg** 1985 May–Jun;85(3):185–91

Infarction of a duodenal duplication cyst. Fan ST, et al. **Am J Gastroenterol** 1985 May;80(5):337–9

Improvements in the diagnosis and management of aortoenteric fistula. O'Donnell TF Jr, et al. **Am J Surg** 1985 Apr;149(4):481–6

Malignant duodenocolic fistula: long–term survival following an extended right hemicolectomy with wide local excision of the duodenum. Cawthorn SJ, et al. **Br J Surg** 1985 Mar; 72(3):211

Endoscopic excision of intraluminal duodenal diverticulum. Hiraoka T, et al. **Dig Dis Sci** 1985 Mar;30(3):274–81

[Parapapillary choledochoduodenal fistula: diagnosis and treatment] Xu RN. **Chung Hua Wai Ko Tsa Chih** 1984 Nov; 22(11):672–3, 701 (Eng. Abstr.) (Chi)

[Colo–duodenal fistula caused by cancer of the right colonic flexure treated by right extended hemicolectomy associated with a mucosal patch using a terminal ileal pedicled graft. Apropos of a case] Boussakao N, et al. **J Chir (Paris)** 1984 Dec;121(12):757–63 (Eng. Abstr.) (Fre)

[Surgery for excision of malignant duodenocolic fistulas. Review of the literature apropos of a case] Le Treut YP, et al. **J Chir (Paris)** 1984 Jun–Jul;121(6–7):411–8 (Eng. Abstr.) (Fre)

[Reversal of duodenal passage] Zwicker M. **Chirurg** 1985 Apr;56(4):280–3 (Ger)

[Duodenal diverticula. Report on 13 cases] Meriggi F, et al. **Minerva Chir** 1984 Nov 30;39(22):1547–54 (Eng. Abstr.) (Ita)

[Two cases of spontaneous fistula between urinary tract and gastrointestinal tract] Harada M, et al. **Hinyokika Kiyo** 1985 Apr;31(4):683–7 (Eng. Abstr.) (Jpn)

[Efficacy of endoscopic treatment for gastro– and/or duodenal lesions in the elderly] Asaki S. **Nippon Ronen Igakkai Zasshi** 1984 Sep;21(5):431–6 (Eng. Abstr.) (Jpn)

[Bilio–digestive fistulas] Mittelstaedt WE, et al. **Arq Gastroenterol** 1984 Jan–Mar;21(1):3–12 (Eng. Abstr.) (Por)

[Separate drainage of the common bile duct and main pancreatic duct into a duodenal diverticulum] Prusov AL, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):138–9 (Rus)

[Surgical treatment of an extensive defect of the duodenal wall due to a subhepatic abscess] Lifshits IuZ, et al. **Klin Khir** 1984 Nov;(11):64 (Rus)

[Duodenal dilatation in the treatment of duodenal ulcer and hazards associated with its implementation] Kuzin NM, et al. **Vestn Khir** 1985 Jan;134(1):119–23 (Rus)

[Surgical treatment of complicated periampullar diverticulosis of the duodenum] Masalin MM, et al. **Vestn Khir** 1985 Feb;134(2):31–3 (Eng. Abstr.) (Rus)

[Primary aortoenteric fistula and severe postoperative hypertension] Turabian Fernández JL, et al. **Rev Clin Esp** 1984 May 31;173(4):237–8 (Spa)

THERAPY

More on non–traumatic duodenal haematoma [letter] Fingerhut A, et al. **Br J Surg** 1984 Nov;71(11):915

[Endoscopic division of an obstructive intraluminal duodenal diverticulum] Bühler H, et al. **Dtsch Med Wochenschr** 1985 Apr 19;110(16):645–7 (Eng. Abstr.) (Ger)

[Treatment of enterocutaneous small intestine fistula using parenteral nutrition therapy] Dárdai E, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(4):149–52 (Eng. Abstr.) (Ger)

[External duodeno–pancreatic fistulas. Proposal of an associated treatment: aspiration with a nutripump and infusion of lactic acid] Rumi A, et al. **Chir Ital** 1984 Apr; 36(2):204–8 (Eng. Abstr.) (Ita)

[Postoperative duodeno–cutaneous fistula in an infant: conservative treatment, total parenteral nutrition] Ridolfi L, et al. **Pediatr Med Chir** 1984 May–Jun;6(3):457–8 (Eng. Abstr.) (Ita)

[Therapeutic procedure in anastomotic fistulae after total gastrectomy for cancer] Acalovschi I, et al. **Rev Chir [Chir]** 1983 Jul–Aug;32(4):279–84 (Eng. Abstr.) (Rum)

[Treatment at Yessentuki health resort of a female patient with a choledochoduodenal fistula] Chernitsyna MN. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Jul–Aug;(4):52–3 (Rus)

VETERINARY

Enterolithiasis in an umbrella cockatoo. Kollias GV, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1407–8

Eimeria acervulina infection and the zinc-cadmium interrelationship in the chick. Bafundo KW, et al. **Poult Sci** 1984 Sep;63(9):1828–32

DUODENAL NEOPLASMS

[Considerations apropos of 2 cases of primary adenocarcinoma of the duodenum] Fiora U, et al. **Minerva Chir** 1984 Jun 15;39(11):913–8 (Eng. Abstr.) (Ita)

[Malignant neoplasms of the small intestine] Obialero M, et al. **Minerva Chir** 1985 Jun 15;40(11):819–23 (Eng. Abstr.) (Ita)

[Benign tumors of the stomach and duodenum] Gazdić I, et al. **Acta Chir Iugosl** 1984 Mar;31(2):211–5 (Eng. Abstr.) (Ser)

ANALYSIS

Duodenal somatostatin-containing tumor with psammoma bodies. Chen RS, et al. **Hum Pathol** 1985 May;16(5):517–9

CHEMICALLY INDUCED

Effects of submandibular sialadenectomy on N-methyl-N'-uitro-N-nitrosoguanidine-induced duodenal carcinogenesis in mice. King WW, et al. **Br J Cancer** 1985 Mar;51(3):429–32

Do detergent residues damage the gut? [letter] Charles GA. **Lancet** 1985 Jan 19;1(8421):165

COMPLICATIONS

Sudden cardiac death due to hypoglycemia. Iscovich AL. **Am J Emerg Med** 1983 Jul;1(1):28–9

Bleeding lipomas of the upper gastrointestinal tract. A diagnostic challenge. Agha FP, et al. **Am Surg** 1985 May;51(5):279–85

Gastric outlet obstruction secondary to a distal duodenal stenosis. Mackay A, et al. **Scott Med J** 1985 Apr;30(2):112–3

[Malignant leiomyosarcoma of the duodenum as the cause of recurrent profuse hemorrhage] Musil MIa, et al. **Klin Khir** 1985 May;(5):54–5 (Rus)

[Optimal timing of radical surgery for tumors of the pancreaticoduodenal zone associated with jaundice] Kasum'ian SA, et al. **Vestn Khir** 1985 Jan;134(1):49–51 (Eng. Abstr.) (Rus)

DIAGNOSIS

Ectopic gastric mucosa [letter] Jungreis CA, et al. **Gastrointest Endosc** 1984 Oct;30(5):319–20

Carcinoid tumors of the duodenum: endoscopic diagnosis of two cases. Merrell DE, et al. **Gastrointest Endosc** 1985 Aug;31(4):269–71

Diagnosis of duodenal and ampuliary epithelial neoplasms by endoscopic biopsy: a clinicopathologic and immunohistochemical study. Blackman E, et al. **Hum Pathol** 1985 Sep;16(9):901–10

Primary malignant tumours of the duodenum. Nix GA, et al. **ROFO** 1985 Apr;142(4):385–90

Carcinoma of the duodenum. Gaddy M, et al. **South Med J** 1985 Feb;78(2):150–2

[Villous adenoma of the duodenum] Persson M. **Ugeskr Laeger** 1985 Feb 11;147(7):606–8 (Eng. Abstr.) (Dan)

[Neurologic tumors of the small intestine. Review of the literature apropos of 6 personal cases] Bruneton JN, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Mar–Apr;20(2):79–84 (Eng. Abstr.) (Fre)

[Carcinoid tumor of the ampulla of Vater and Recklinghausen's neurofibromatosis] Boissonnas A, et al. **Ann Med Interne (Paris)** 1985;136(1):46–8 (Eng. Abstr.) (Fre)

[Multiple duodenojejunal adenocarcinoma in a 9-year-old child] Benz-Lemoine E, et al. **Ann Pediatr (Paris)** 1984 Oct 15;31(9):783–6 (Eng. Abstr.) (Fre)

[Malignant tumors of the duodenum. Apropos of 5 case reports (lymphosarcoma excluded)] Najjar T, et al. **Tunis Med** 1985 Feb;63(2):105–9 (Eng. Abstr.) (Fre)

[Diagnosis in malignant duodenal wall changes] Appel W, et al. **Dtsch Med Wochenschr** 1984 Nov 23;109(47):1809–11 (Ger)

[The duodenum and Vater's papilla: tumors and tumor-like lesions—a clinico-pathologic discussion] Stolte M, et al. **Leber Magen Darm** 1983 Nov;13(6):227–41 (208 ref.) (Eng. Abstr.) (Ger)

[Carcinoid tumor of the gastrointestinal tract. Study of a case of rare localization] Bayeli PF, et al. **Minerva Dietol Gastroenterol** 1984 Oct–Dec;30(4):405–16 (Eng. Abstr.) (Ita)

[Leiomyomas of the upper gastrointestinal tract] Gutkowski R, et al. **Wiad Lek** 1984 Jul 1;37(13):1026–8 (Eng. Abstr.) (Pol)

[Diagnosis and treatment of duodenal polyps] Saenko VF, et al. **Klin Khir** 1985 Feb;(2):29–30 (Eng. Abstr.) (Rus)

[Dystopic pancreas in the gastric and duodenal wall] Ponomarev AA. **Sov Med** 1984;(8):39–44 (94 ref.) (Rus)

[Duodenal neoplasms] Skatin LI, et al. **Sov Med** 1985;(4):109–11 (Rus)

ETIOLOGY

Villous adenocarcinoma arising in the bypassed duodenum 18 years after a Billroth II subtotal gastrectomy: report of a case and review of the literature. Lipper S, et al. **Am J Gastroenterol** 1985 Mar;80(3):174–6

[Ampullar duodenal carcinoma in diffuse familial polyposis] Di Curzio B, et al. **Minerva Dietol Gastroenterol** 1984 Jul–Sep;30(3):287–93 (Eng. Abstr.) (Ita)

METABOLISM

Experimental duodenal endocrine tumour in the rat. Kishimoto S, et al. **Hiroshima J Med Sci** 1984 Sep;33(3):467–74

PATHOLOGY

Gardner's syndrome associated with carcinoma of the duodenal bulb: report of a case. Itoh H, et al. **Am J Gastroenterol** 1985 Apr;80(4):248–50

Duodenal schistosomiasis diagnosed by endoscopic biopsy of an isolated polyp. Thatcher BS, et al. **Am J Gastroenterol** 1984 Dec;79(12):927–9

Duodenal microgastrinoma producing the Zollinger-Ellison syndrome. Vesoulis Z, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):40–2

Diffuse myoepithelial hamartoma of the duodenum associated with adenocarcinoma. Al Jitawi SA, et al. **Clin Oncol** 1984 Sep;10(3):289–93

Gastroduodenal polyps in familial polyposis coli. Billow S, et al. **Dis Colon Rectum** 1985 Feb;28(2):90–3

Villoglandular adenoma of duodenum—a case report. Mehta JM, et al. **Indian J Cancer** 1984 May–Jun;21(2):88–9

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 11-1985. A 54-year-old woman with anorexia, nausea, and vomiting and a large mass in the right upper abdominal quadrant. **N Engl J Med** 1985 Mar 14;312(11):706–11

Elderly man with obstructive jaundice of three to four months' duration [clinical conference] Ellerbusch DA, et al. **SD J Med** 1985 May;38(5):35–8

Multiple paraganglioneuromas. Kawaguchi K, et al. **Virchows Arch** [A] 1985;406(3):373–80

[Gastric mucosa heterotopias in the upper gastrointestinal tract] Weingart J, et al. **Leber Magen Darm** 1984 Jul;14(4):155–60 (Eng. Abstr.) (Ger)

[A case of malignant melanoma of apparently primary duodenal localization] Calco F, et al. **Minerva Chir** 1984 Jun 15;39(11):919–21 (Eng. Abstr.) (Ita)

[Malignant change of duodenal adenoma—a case report and review of the literature] Kono M, et al. **Gan No Rinsho** 1985 Mar;31(3):341–9 (Eng. Abstr.) (Jpn)

[A case of oral florid papillomatosis combined with gastroduodenal polyposis] Sato H, et al. **Gan No Rinsho** 1985 May;31(5):563–8 (Eng. Abstr.) (Jpn)

[Multiple duodenal carcinomas associated with multiple gastric cancers] Shimoda S, et al. **Gan No Rinsho** 1984 Nov;30(14):1819–22 (Eng. Abstr.) (Jpn)

[Malignant glomic tumor of the duodenum] Lelkina MA, et al. **Arkh Patol** 1984;46(10):81–4 (Eng. Abstr.) (Rus)

[Adenoma of Brunner's glands. Clinical case] Marcos Sánchez F, et al. **Rev Clin Esp** 1984 Aug 15–31;174(3–4):121–2 (Spa)

[Clinico-macroscopic correlations of gastroduodenal leiomyomas] Borda F, et al. **Rev Esp Enferm Apar Dig** 1984 Jul;66(1):43–7 (Eng. Abstr.) (Spa)

[Villous adenoma of the duodenum with carcinomatous degeneration] Fernández-Blanco Hernaiz JI, et al. **Rev Esp Enferm Apar Dig** 1984 Jul;66(1):55–60 (Eng. Abstr.) (Spa)

RADIOGRAPHY

CT diagnosis of duodenal lipoma. Whetstone MR, et al. **Am J Gastroenterol** 1985 Apr;80(4):251–2

Case 2. Primary leiomyosarcoma of the duodenum. Gendal ES, et al. **Mt Sinai J Med (NY)** 1984 Sep;51(5):637–9

Case 1. Necrotic tumor of the upper abdomen, most likely primary gallbladder carcinoma. Ruchman RB, et al. **Mt Sinai J Med (NY)** 1984 Sep;51(5):633–6

[Leiomyosarcoma of the duodenum] Sandmann G, et al. **Zentralbl Chir** 1984;109(17):1141–5 (Ger)

SECONDARY

[A case of metastasis of hypernephroid cancer to the duodenum] Bondar IaIa, et al. **Vrach Delo** 1985 Mar;(3):87–8 (Rus)

SURGERY

Periampullary tumors: which ones should be resected? Jones BA, et al. **Am J Surg** 1985 Jan;149(1):46–52

Villous adenoma of the duodenum. A clinicopathologic study of five cases. Geier GE, et al. **Am Surg** 1984 Nov;50(11):617–22 (53 ref.)

Villous adenomas in the duodenum. Haglund U, et al. **Br J Surg** 1985 Jan;72(1):26–7

Duodenal leiomyosarcoma and its multiple recurrences: good surgical result after three years of follow-up. Pedrazzoli S, et al. **Ital J Surg Sci** 1984;14(4):321–6

Symptomatic gastroduodenal pancreatic rest in children. Mollitt DL, et al. **J Pediatr Surg** 1984 Aug;19(4):449–50

Treatment of gastrinoma. Zollinger RM. **Mt Sinai J Med (NY)** 1984 Jul–Aug;51(4):401–3

[Primary malignant tumor of the small intestine] Song SB. **Chung Hua Chung Liu Tsa Chih** 1984 Nov;6(6):445–6 (Eng. Abstr.) (Chi)

[Surgical treatment of villous and adenovillous lesions of the duodenum. Analysis of 9 surgically treated cases] Adloff M, et al. **Chirurgie** 1984;110(5):492–8 (Eng. Abstr.) (Fre)

[Reversal of duodenal passage] Zwicker M. **Chirurg** 1985 Apr;56(4):280–3 (Ger)

[Therapeutic endoscopy. Gray areas in the gastro-duodenal region] Seifert E. **Schweiz Rundsch Med Prax** 1984 Sep 18;73(38):1139–43 (Eng. Abstr.) (Ger)

[Duodenal tumors] Popescu I, et al. **Rev Chir [Chir]** 1984 May–Jun;33(3):169–76 (Rum)

[Current significance of polypectomy of the upper gastrointestinal tract] Landoni NA, et al. **Acta Gastroenterol Latinoam** 1984;14(4):303–13 (Eng. Abstr.) (Spa)

[Reimplantation of Vater's papilla; a new indication and technic] Bolufer Cano JM, et al. **Rev Esp Enferm Apar Dig** 1984 Jul;66(1):1–8 (Eng. Abstr.) (Spa)

ULTRASTRUCTURE

Duodenal gangliocytic paraganglioma. An immunohistochemical and ultrastructural study and a hypothesis concerning its origin. Perrone T, et al. **Am J Surg Pathol** 1985 Jan;9(1):31–41

VETERINARY

Adenocarcinoma of the small intestine in two rhesus monkeys. Fanton JW, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1377–8

DUODENAL OBSTRUCTION

The superior mesenteric artery syndrome. The disease that isn't, or is it? Cohen LB, et al. **J Clin Gastroenterol** 1985 Apr;7(2):113–6

COMPLICATIONS

Superior mesenteric artery syndrome: an unusual cause of Watson biopsy capsule retention. Bonamico M, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):146–7

Pyloric atresia associated with epidermolysis bullosa: special reference to pathogenesis. Chang CH, et al. **Pediatr Pathol** 1983 Oct–Dec;1(4):449–57

[Role of duodenal patency disorders in the surgery of pyloroduodenal ulcers] Pantsyrev IuM, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):10–4 (Eng. Abstr.) (Rus)

[Invagination of the appendix into the cecum in a child with Ladd's syndrome] Ten IuV. **Khirurgiia (Mosk)** 1984 Dec;(12):128–9 (Rus)

CONGENITAL

Early postoperative enteral feeding through a needle catheter jejunostomy. Berger D, et al. **Z Kinderchir** 1984 Oct;39(5):328–31

[Congenital duodenal obstruction] Blaakaer J. **Ugeskr Laeger** 1985 Mar 4;147(10):861–3 (Eng. Abstr.) (Dan)

[5 cases of neonatal duodenal obstruction] Guiot P, et al. **Acta Chir Belg** 1984 Sep–Oct;84(5):273–5 (Eng. Abstr.) (Fre)

[Congenital obstructions of the duodenum] Marinković S, et al. **Med Pregl** 1984;37(5–6):221–3 (Eng. Abstr.) (Ser)

DIAGNOSIS

Malrotation in children with symptoms of gastrointestinal allergy and psychosomatic abdominal pain. Kullendorff CM, et al. **Acta Paediatr Scand** 1985 Mar;74(2):296–9

Diagnosis of duodenal obstruction with midgut volvulus [letter] Berdon WE, et al. **AJR** 1984 Nov;143(5):1119

Superior mesenteric artery syndrome. Diagnostic criteria and therapeutic approaches. Hines JR, et al. **Am J Surg** 1984 Nov;148(5):630–2

Superior mesenteric artery syndrome:—report of four cases. Wang YH, et al. **Gastroenterol Jpn** 1984 Oct;19(5):479–85

[Chronic duodenal obstruction] Stupin VA, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):121–2 (Rus)

[Disorders of duodenal patency in digestive organ diseases and their correction] Avilov LP. **Klin Khir** 1984 Aug;(8):36–9 (Eng. Abstr.) (Rus)

[Clinico-roentgenological picture of organic duodenostasis resulting from chronic compression of the duodenum by the superior mesenteric artery] Grishchuk VK. **Vestn Rentgenol Radiol** 1985 Mar–Apr;(2):33–6 (Eng. Abstr.) (Rus)

ETIOLOGY

Gallstone pyloroduodenal obstruction—fibrescopic diagnosis. Ryska M, et al. **Acta Chir Scand** 1985;151(2):191–2

'Idiopathic' duodenal obstruction due to chronic pancreatitis. Satake K, et al. **Am Surg** 1984 Oct;50(10):534–7

The prognosis of gastric outlet obstruction. Jaffin BW, et al. **Ann Surg** 1985 Feb;201(2):176–9

Congenital duodenal diaphragm in an adult—a cause of duodenal obstruction. O'Malley VP, et al. **Br J Clin Pract** 1985 Jan;39(1):37

Cannibalization of a gore-tex aortohepatic graft by the duodenum. Monson JR, et al. **Br J Surg** 1985 Feb;72(2):101

Pyloroduodenal obstruction due to a biliary stone (Bouveret's syndrome) managed by endoscopic extraction. Bedogni G, et al. **Gastrointest Endosc** 1985 Feb;31(1):36–8

Superior mesenteric artery syndrome associated with scoliosis treated by a modified Ladd procedure. Amy BW, et al. **J Pediatr Orthop** 1985 May–Jun;5(3):361–3

Duodenal tuberculosis. Ahmad M, et al. **JPMA** 1985 Feb; 35(2):53–4

Extrinsic duodenal obstruction by congenital bands in an adult patient. Górnacz GE, et al. **Postgrad Med J** 1985 Jan;61(711):71–2

Gastric outlet obstruction secondary to a distal duodenal stenosis. Mackay A, et al. **Scott Med J** 1985 Apr; 30(2):112–3

[Duodenal tuberculosis associated with lymph node tuberculosis (apropos of a surgical case)] Achour A, et al. **Med Trop (Mars)** 1984 Jul–Sep;44(3):285–9 (Eng. Abstr.) **(Fre)**

[Superior mesenteric artery syndrome in acute traumatic paraplegia] Ohry A, et al. **Harefuah** 1985 Apr 1; 108(7):346–7 (Eng. Abstr.) **(Heb)**

[Annular pancreas in the adult (clinical study)] Amenta E, et al. **Chir Ital** 1983 Oct;35(5):771–7 (Eng. Abstr.) **(Ita)**

[Biliary ileus caused by incarceration of a large gallbladder calculus in the duodenal bulb in a young man] Tenchini P, et al. **Chir Ital** 1983 Feb;35(1):38–42 (Eng. Abstr.) **(Ita)**

[Recurrence of cholelithic intestinal obstruction] Kriger AG, et al. **Khirurgiia (Mosk)** 1985 Jan;(1):105 **(Rus)**

[Rare causes of duodenal stenosis] Postolov PM, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):115–6 **(Rus)**

[Invagination of the stomach into the duodenum as a complication of multiple polyposis] Usanov AP, et al. **Vestn Khir** 1985 Feb;134(2):61 **(Rus)**

[Role of the duodenum in the pathogenesis of the postcholecystectomy syndrome] Kravchuk NA. **Vrach Delo** 1985 Feb;(2):9–12 (Eng. Abstr.) **(Rus)**

PATHOLOGY

[Case of a biliodigestive fistula—a variant of Bouveret's syndrome] Matincheva R, et al. **Vutr Boles** 1984;23(6):60–4 (Eng. Abstr.) **(Bul)**

[Rare variant of vascular compression of the duodenum] Stupin VA, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):132–3 **(Rus)**

PHYSIOPATHOLOGY

[Interdigestive duodenal motility in chronic duodenal obstruction] Saenko VF, et al. **Vrach Delo** 1985 Mar; (3):88–93 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Intraluminal duodenal diverticulum. Alberti-Flor JJ, et al. **Am J Gastroenterol** 1985 Jun;80(6):500–2

[Arterio-mesenteric duodenal occlusion in children and adolescents—a rare form of intestinal obstruction] Appell RG, et al. **Z Kinderchir** 1984 Oct;39(5):310–4 (Eng. Abstr.) **(Ger)**

SURGERY

Combined pancreatic duct and upper gastrointestinal and biliary tract drainage in chronic pancreatitis. Prinz RA, et al. **Arch Surg** 1985 Mar;120(3):361–6

[Aorto-mesenteric compression. Presentation of a clinical case treated by intestinal derotation. Review of the literature] Marastoni F, et al. **Minerva Chir** 1984 Apr 30; 39(8):649–54 (Eng. Abstr.) **(Ita)**

[Preoperative preparation and postoperative management in decompensated ulcerative pyloroduodenal stenosis in late middle-aged and elderly patients] Siddikov OS, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):22–7 (Eng. Abstr.) **(Rus)**

[Fat excretion after truncal and selective proximal vagotomy with pyloroplasty in ulcerative pyloroduodenal stenosis] Taru RR. **Khirurgiia (Mosk)** 1985 Feb;(2):19–22 (Eng. Abstr.) **(Rus)**

[Complex treatment of patients with functional disorders of the gastrointestinal tract in acute surgical diseases of the abdominal organs] Uteshev NS, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):137–41 **(Rus)**

[Distensible pyloroduodenoplasty in the surgical treatment of bleeding and stenosing duodenal ulcers] Zaitsev VT, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):34–7 (Eng. Abstr.) **(Rus)**

[Duodenoplasty in the treatment of postampullar duodenal stenosis] Eloev VA, et al. **Klin Khir** 1984 Aug;(8):51–2 (Eng. Abstr.) **(Rus)**

[Surgical treatment of chronic duodenal obstruction] Saenko VF, et al. **Klin Khir** 1985 Feb;(2):10–3 (Eng. Abstr.) **(Rus)**

[Late results of surgical treatment of duodenal ulcer associated with chronic duodenal obstruction] Nikitina MV. **Sov Med** 1985;(2):104–7 **(Rus)**

[Obstruction in the ampulla of Vater. Endoscopic choledochoduodenostomy—considerate alternative to conventional surgery] Cronstedt J, et al. **Lakartidningen** 1985 Apr 10;82(15):1361–3 **(Swe)**

THERAPY

Vascular compression of the duodenum—operative and non-operative treatment. Corfield AP, et al. **Bristol Med Chir J** 1984 Oct;99(372):111–2

Hyperalimentation for superior mesenteric-artery (cast) syndrome following correction of spinal deformity. Munns SW, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1175–7

VETERINARY

Enterolithiasis in an umbrella cockatoo. Kollias GV, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1407–8

DUODENAL PAPILLA, MAJOR see **VATER'S AMPULLA**

DUODENAL PAPILLA, MINOR see **PANCREATIC DUCTS**

DUODENAL ULCER

Management of giant duodenal ulcer. Nussbaum MS, et al. **Am J Surg** 1985 Mar;149(3):357–61

Effects of meal viscosity on serum gastrin response and gastric emptying rate in duodenal ulcer patients. Harju E. **Chir Ital** 1985 Apr;37(2):139–47

Diagnosis and treatment of duodenal ulcers. Gustavsson S. **Compr Ther** 1984 Oct;10(10):7–13 (15 ref.)

Duodenal ulcer disease. Spiro HM. **Hosp Pract [Off]** 1985 Aug 15;20(8):70A–E passim

Perforated duodenal ulcer in a six-month-old quadruplet baby [letter] Rettig H, et al. **Neth J Surg** 1984 Oct; 36(5):143–4

[Prognosis of stomach ulcer and duodenal ulcer] Kliems G. **Lebensversicherungsmedizin** 1985 Jul 1;37(4):103–5 (17 ref.) (Eng. Abstr.) **(Ger)**

[Duodenal ulcer in adolescents] Filimonov RM. **Ter Arkh** 1985;57(2):58–61 (Eng. Abstr.) **(Rus)**

BLOOD

Pirenzepine depresses plasma noradrenaline in duodenal ulcer patients. Graffner H, et al. **Acta Chir Scand [Suppl]** 1984; 520:41–4

ABO blood groups, onset age of ulcer symptoms, family history of dyspepsia and complications in duodenal ulcer. Gutiérrez Cabano CA. **Acta Gastroenterol Latinoam** 1983; 13(2):171–8

Decreased sulfation of serum and tissue gastrin in hypergastrinemia of antral origin. Andersen BN, et al. **Digestion** 1985;31(1):17–24

Serum concentration of pancreatic polypeptide in normal subjects and in peptic ulcer patients. Cho CH, et al. **Horm Metab Res** 1985 Apr;17(4):215–6

Effects of eight-week treatment with oral ranitidine on plasma level changes of gastrin, histamine and serotonin in duodenal ulcer patients. Cho CH, et al. **Pharmacol Res Commun** 1985 Jun;17(6):525–33

[Duodenal ulcer and serum pepsinogen (letter)] Dessypris A, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jul–Sep; 20(4):219 **(Fre)**

[Laboratory diagnosis of Zollinger-Ellison syndrome] Remák G, et al. **Orv Hetil** 1985 Feb 17;126(7):385–8 (Eng. Abstr.) **(Hun)**

[Serum gastrin, basal and after stimulation, in patients with liver cirrhosis or duodenal ulcer] Mosca S, et al. **Minerva Dietol Gastroenterol** 1984 Oct–Dec;30(4):367–71 (Eng. Abstr.) **(Ita)**

[Blood kinins and inhibitory therapy in peptic ulcer] Babalich AK, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):75–7 (Eng. Abstr.) **(Rus)**

[Serum gastrin concentration in patients with complications of stomach and duodenal ulcer] Eriukhin IA, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):49–52 (Eng. Abstr.) **(Rus)**

[Kallikrein-kinin system of the blood in peptic ulcer] Dorofeev GI, et al. **Sov Med** 1985;(3):16–20 (Eng. Abstr.) **(Rus)**

[Macro- and microelements in duodenal ulcer] Erzinkian KL, et al. **Sov Med** 1985;(2):12–5 (Eng. Abstr.) **(Rus)**

[Blood gastrin levels during treatment of duodenal ulcer] Saakian AG, et al. **Sov Med** 1984;(10):77–80 **(Rus)**

[Vascular component of the fibrinolytic system of blood (plasminogen activator of vascular wall) in patients with duodenal ulcer with a history of hemorrhagic complications] Fisher AA, et al. **Ter Arkh** 1985; 57(5):137–41 (Eng. Abstr.) **(Rus)**

[Blood viscosity indicators in patients with gastric and duodenal diseases] Murashko VV, et al. **Ter Arkh** 1985; 57(2):31–4 (Eng. Abstr.) **(Rus)**

[Basal and food-stimulated blood gastrin in duodenal ulcer] Shvarts VIa, et al. **Ter Arkh** 1984;56(8):97–100 (Eng. Abstr.) **(Rus)**

[Dynamics of the basal gastrin concentration of duodenal ulcer patients during the development of remission of the disease] Smagin VG, et al. **Ter Arkh** 1985;57(1):78–80 (Eng. Abstr.) **(Rus)**

[Characteristics of hormonal changes in patients with primary gastroduodenitis and duodenal ulcer] Delneko NF, et al. **Vrach Delo** 1985 Jun;(6):48–51 (Eng. Abstr.) **(Rus)**

[Adaptational hormone levels in middle-aged and old patients with peptic ulcer] Tretiak NG, et al. **Vrach Delo** 1985 Jan; (1):13–5 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

The effect of different prostaglandins on cysteamine-induced duodenal ulcer in the rat. Náfrádi J, et al. **Acta Physiol Hung** 1984;64(3–4):339–41

Dulcerozine-induced duodenal ulcers in rats: a simple, highly-reliable model for evaluating anti-ulcer agents. Kurebayashi Y, et al. **Arch Int Pharmacodyn Ther** 1984 Sep;271(1):155–68

Somatostatin depletion by cysteamine: mechanism and implication for duodenal ulceration. Szabo S, et al. **Fed Proc** 1985 Jun;44(9):2540–5

Adrenocorticosteroid therapy and gastroduodenal lesions. Okada M, et al. **Gastrointest Endosc** 1985 Jun;31(3):188–90

Gastric hyperacidity and duodenal ulcer formation induced by dulcerozine in rats. Kurebayashi Y, et al. **Jpn J Pharmacol** 1984 Sep;36(1):121–3

[Interrelation between the analgesic and ulcerogenic action of cysteamine] Vinogradov VA, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):582–3 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Duodenal ulcer with perforation to the inferior vena cava. Report of a fatal case. Dalsgaard S, et al. **Acta Chir Scand** 1985;151(2):181–2

Endoscopic electrocoagulation of major bleeding from peptic ulcer. Wara P. **Acta Chir Scand** 1985;151(1):29–35

Duodenal perforation by an infusion catheter for hepatic chemotherapy [letter] Souza Lima MA, et al. **Ann Intern Med** 1985 Sep;103(3):472

Treatment of gastric pyrosis with almagate in patients with and without endoscopically demonstrable duodenal ulcer. A multicentre clinical trial. Suau A, et al. **Arzneimittelforsch** 1984;34(10A):1380–3

Intrapleural perforation of peptic ulcer in association with diaphragmatic hernia. McDonald CF, et al. **Br J Dis Chest** 1985 Apr;79(2):196–9

Surgical treatment of perforated duodenal ulcer: a prospective trial between simple closure and definitive surgery. Tanphiphat C, et al. **Br J Surg** 1985 May; 72(5):370–2

What has happened to perforated peptic ulcer? Watkins RM, et al. **Br J Surg** 1984 Oct;71(10):774–6

Prognostic importance of visible vessels in hemorrhage of peptic ulcers [letter] Emmanuel A, et al. **Gastrointest Endosc** 1985 Feb;31(1):52

Should we worry about gastric cancer in duodenal ulcer patients? Goldin E, et al. **J Clin Gastroenterol** 1985 Jun; 7(3):227–31

Mortality from bleeding peptic ulcer. Alfred Hospital, Melbourne, 1976–1980. McDermott FT. **Med J Aust** 1985 Jan 7;142(1):11–4

Operative treatment in massive peptic ulcer bleeding. Darle N. **Scand J Gastroenterol [Suppl]** 1985;110:109–11

Histamine2-receptor antagonists in gastroduodenal ulcer haemorrhage. Falk A, et al. **Scand J Gastroenterol [Suppl]** 1985;110:95–100

Jejunal perforation as a result of massive gastrointestinal bleeding from a duodenal ulcer. Fox JN, et al. **Scott Med J** 1984 Apr;29(2):109–10

Perforated chronic duodenal ulcer in children. Tan SH, et al. **Singapore Med J** 1984 Jun;25(3):187–9

[Our experience in treating a perforated pyloroduodenal ulcer by pyloroplasty] Zlatanov Z, et al. **Khirurgiia (Sofiia)** 1984; 37(6):479–81 **(Bul)**

[Current status of the treatment of perforated duodenal ulcer] Bahnini J, et al. **J Chir (Paris)** 1985 Feb;122(2):121–8 (Eng. Abstr.) **(Fre)**

[Choledochoduodenal fistula of ulcerous origin. 2 cases] Dubois F, et al. **Presse Med** 1985 Apr 20;14(16):879–81 (Eng. Abstr.) **(Fre)**

[Ulcer hemorrhage—when operative hemostasis?] Arnold R. **Langenbecks Arch Chir** 1984;364:381–5 (Eng. Abstr.) **(Ger)**

[Stress tolerance of patients with hemorrhage from ulcus ventriculi sive duodeni] Schreiber HW, et al. **Langenbecks Arch Chir** 1984;364:125–30 (Eng. Abstr.) **(Ger)**

[Surgical therapy of massive ulcer hemorrhage from the stomach and duodenum] Reding R. **Z Arztl Fortbild (Jena)** 1985;79(8):333–6 **(Ger)**

[Short-term effects of cimetidine in patients with bleeding duodenal ulcer. Presentation of cases] Uggeri G, et al. **Chir Ital** 1983 Oct;35(5):663–79 (Eng. Abstr.) **(Ita)**

[Gastric cancer and duodenal ulcer. Our observations] Briglia R, et al. **Minerva Dietol Gastroenterol** 1985 Apr–Jun; 31(2):237–9 (Eng. Abstr.) **(Ita)**

[Treatment of perforated duodenal ulcer in post-cimetidine era] Faret S, et al. **Minerva Dietol Gastroenterol** 1985 Apr–Jun;31(2):263–8 (Eng. Abstr.) **(Ita)**

[Significance of endoscopic hemostatic methods of local absolute ethanol injection for gastro-duodenal ulcer bleeding in the elderly] Shibuya D, et al. **Nippon Ronen Igakkai Zasshi** 1985 Jan;22(1):26–31 (Eng. Abstr.) **(Jpn)**

[Multiple endocrine adenomatosis syndrome (MEA and Stein-Leventhal syndrome) complicated by duodenal ulcer hemorrhage] Borejszo I, et al. **Pol Arch Med Wewn** 1934 May;71(5):317-22 (Eng. Abstr.) (Pol)

[Results of treatment of bleeding stomach or duodenal ulcers in 207 patients] Ancyparowicz S, et al. **Wiad Lek** 1985 Jan 1;38(1):5-14 (Eng. Abstr.) (Pol)

[Recurrent ulcer perforations] Tîrcoveanu E, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct-Dec;88(4):635-7 (Eng. Abstr.) (Rum)

[Profuse ulcerative gastroduodenal hemorrhage complicating hemophilia] Gegia ESh, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):141 (Rus)

[Gastrogenic tetany in patients with ulcerative pyloroduodenal stenosis] Ibadov IIu, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):99-104 (Rus)

[Gastroduodenal hemorrhage of ulcerative etiology and its sequelae] Kabanov NIa, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):37-40 (Eng. Abstr.) (Rus)

[Oxygen transport function of the blood in patients with ulcerative gastroduodenal hemorrhage] Matveev SB, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):72-5 (Eng. Abstr.) (Rus)

[Surgical treatment of acute ulcers of the gastrointestinal tract in burns] Mullakandov SA. **Khirurgiia (Mosk)** 1985 May;(5):55-7 (Eng. Abstr.) (Rus)

[Surgical tactics in acute gastroduodenal hemorrhages of ulcerative etiology] Myshkin KI, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):56-60 (Eng. Abstr.) (Rus)

[Gastric resection in 4 complications of duodenal ulcer in the presence of peritonitis] Ovchinnikov VA, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):129 (Rus)

[Role of duodenal patency disorders in the surgery of pyloroduodenal ulcers] Pantsyrev IuM, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):10-4 (Eng. Abstr.) (Rus)

[Gastric resection and vagotomy with economic gastric resection in the treatment of combined ulcers of the stomach and duodenum] Samokhvalov AV, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):11-4 (Rus)

[Preoperative preparation and postoperative management in decompensated ulcerative pyloroduodenal stenosis in late middle-aged and elderly patients] Siddikov OS, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):22-7 (Eng. Abstr.) (Rus)

[Fat excretion after truncal and selective proximal vagotomy with pyloroplasty in ulcerative pyloroduodenal stenosis] Taru RR. **Khirurgiia (Mosk)** 1985 Feb;(2):19-22 (Eng. Abstr.) (Rus)

[Treatment of complicated forms of peptic ulcer diseases in late middle-aged and elderly patients] Viliavin GD, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):15-9 (Eng. Abstr.) (Rus)

[Perforated duodenal ulcer in a child] Zabarskiĭ LT, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):120 (Rus)

[Phlegmon of the duodenum as a complication of an ulcer perforating into the head of the pancreas] Chislovskiĭ VK, et al. **Klin Khir** 1984 Nov;(11):63 (Rus)

[Treatment results in perforating ulcers of the stomach and duodenum] Kabanov AN, et al. **Klin Khir** 1984 Aug;(8):43-6 (Eng. Abstr.) (Rus)

[Choice of the surgical treatment method in patients with complicated duodenal peptic ulcer and hypersecretion] Khachiev LG, et al. **Klin Khir** 1984 Aug;(8):21-2 (Eng. Abstr.) (Rus)

[Combined acute complications of duodenal peptic ulcer] Makar DA, et al. **Klin Khir** 1984 Aug;(8):46-8 (Rus)

[Cellular immunity after surgery and massive blood transfusions in patients with profuse gastroduodenal hemorrhage] Margulis MS, et al. **Klin Khir** 1985 Mar;(3):11-3 (Eng. Abstr.) (Rus)

[Surgical treatment of hemorrhaging gastric and duodenal ulcers] Mazurik MF, et al. **Klin Khir** 1984 Aug;(8):39-41 (Eng. Abstr.) (Rus)

[Treatment of complicated stomach and duodenal ulcers in children] Pulatov AT, et al. **Klin Khir** 1985;(6):40-2 (Eng. Abstr.) (Rus)

[Surgical injuries of the common bile and pancreatic ducts in duodenal peptic ulcer] Zaĭtsev VT, et al. **Klin Khir** 1984 Nov;(11):29-31 (Eng. Abstr.) (Rus)

[Surgical characteristics of gastric and duodenal peptic ulcer complicated by perforation into the pancreas] Zemskov VS, et al. **Klin Khir** 1984 Aug;(8):49-50 (Eng. Abstr.) (Rus)

[Diagnosis and treatment of hemorrhages in peptic ulcer] Briskin BS. **Klin Med (Mosk)** 1985 Apr;63(4):124-31 (22 ref.) (Eng. Abstr.) (Rus)

[Emergency endoscopy in symptomatic gastroduodenal ulcers complicated by hemorrhage] Kalinin AV, et al. **Klin Med (Mosk)** 1985 Feb;63(2):100-2 (Eng. Abstr.) (Rus)

[Bleeding duodenal ulcer associated with annular pancreas] Kaltaev KK. **Klin Med (Mosk)** 1985 Mar;63(3):113-4 (Rus)

[Treatment of patients with ulcers combined with hypertension] Sheptulin AA. **Klin Med (Mosk)** 1984 Sep;62(9):61-5 (Rus)

[Clinical significance of the state of the acid-forming function of the stomach in patients with combined duodenal ulcer and hypertension] Sheptulin AA. **Lab Delo** 1984;(11):688-91 (Eng. Abstr.) (Rus)

[Clinical characteristics of duodenal ulcer complications in children and the procedure for their treatment] Paramonov AA. **Pediatriia** 1985 Jun;(6):38-40 (Rus)

[Possibilities of endoscopic diagnosis and treatment of acute complications of gastric and duodenal ulcer] Buianov VM, et al. **Sov Med** 1984;(12):43-7 (Eng. Abstr.) (Rus)

[Follow-up of patients with a history of gastroduodenal hemorrhage caused by peptic ulcer] Kleshzhevnikova VP, et al. **Sov Med** 1984;(8):75-7 (Rus)

[Combined gastric and duodenal ulcers] Kuzin NM, et al. **Sov Med** 1984;(8):14-7 (Eng. Abstr.) (Rus)

[Surgical treatment in peptic ulcer complicated by acute hemorrhage] Bachev II. **Vestn Khir** 1984 Sep;133(9):14-6 (Eng. Abstr.) (Rus)

[Duodenal dilatation in the treatment of duodenal ulcer and hazards associated with its implementation] Kuzin NM, et al. **Vestn Khir** 1985 Jan;134(1):119-23 (Rus)

[Results of the surgical treatment of 'silent' ulcers of the stomach and duodenum complicated by perforation] Sakhautdinov VG, et al. **Vestn Khir** 1985 Mar;134(3):32-4 (Eng. Abstr.) (Rus)

[Free amino acids in the blood serum of patients with complicated forms of peptic ulcer before and after surgery] Zadorozhnyĭ AA, et al. **Vestn Khir** 1984 Nov;133(11):26-30 (Eng. Abstr.) (Rus)

DIAGNOSIS

Can simple augmented histamine test be useful for screening dyspeptic patients for duodenal ulcer diagnosis? Kar P, et al. **Br J Clin Pract** 1985 Mar;39(3):93

Monthly fluctuations of active duodenal ulcers. Palmas F, et al. **Dig Dis Sci** 1984 Nov;29(11):983-7

Duodenal erosions. Walk L. **Endoscopy** 1985 May;17(3):94-8

The fate of asymptomatic recurrences of duodenal ulcer. Boyd EJ, et al. **Scand J Gastroenterol** 1984 Sep;19(6):808-12

Symptom profiles in chronic peptic ulcer disease. A detailed study of abdominal and mental symptoms. Sjödin I, et al. **Scand J Gastroenterol** 1985 May;20(4):419-27

Further experience with Pseudo-Zollinger-Ellison syndrome: its place in the management of neuroendocrine duodenal ulceration. Friesen SR, et al. **World J Surg** 1984 Aug;8(4):552-60

[An extreme form of hypochloremia] Mathus-Vliegen EM, et al. **Ned Tijdschr Geneeskd** 1985 Apr 6;129(14):625-8 (Dut)

[Incidence of peptic ulcer in an inpatient angiologic patient sample] Creutzig A, et al. **Leber Magen Darm** 1984 Jul;14(4):161-3 (Eng. Abstr.) (Ger)

[The child with ulcers] Fiehring C, et al. **Z Arztl Fortbild (Jena)** 1985;79(7):315-6 (Ger)

[Evaluation of peptic ulcer] Koelsch KA, et al. **Z Arztl Fortbild (Jena)** 1985;79(8):347-9 (Ger)

[Cushing's ulcer in childhood. Description of a case] Patanè R, et al. **Pediatr Med Chir** 1984 Sep-Oct;6(5):719-23 (Eng. Abstr.) (Ita)

[Clinico-expert evaluation of the late surgical results in gastric and duodenal peptic ulcer] Kobyliatskiĭ IT, et al. **Klin Khir** 1984 Aug;(8):6-9 (Eng. Abstr.) (Rus)

[Unrecognized ulcer of the stomach and duodenum] Grebeneva LS. **Klin Med (Mosk)** 1984 Jul;62(7):109-13 (Rus)

[Duodenal ulcer in adolescents] Filimonov RM. **Ter Arkh** 1985;57(2):58-61 (Eng. Abstr.) (Rus)

[Anastomosis ligatures simulating recurrence of peptic ulcer] Benedikt VV. **Vrach Delo** 1985 Jun;(6):51-3 (Eng. Abstr.) (Rus)

[Duodenal ulcer in children] Ortiz Nolasco A, et al. **Rev Gastroenterol Mex** 1984 Apr-Jun;49(2):115-7 (Eng. Abstr.) (Spa)

DIET THERAPY

Diet and duodenal ulcer. Sarin SK, et al. **J Assoc Physicians India** 1985 Feb;33(2):164-7

Effect of guar gum added to the diet of patients with duodenal ulcer. Harju EJ, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul-Aug;9(4):496-500

[Nutrition and diet therapy of peptic ulcer] Hasik J. **Z Arztl Fortbild (Jena)** 1985;79(8):341-2 (Ger)

DRUG THERAPY

Antacids in the treatment of duodenal ulcer. Lublin H, et al. **Acta Med Scand** 1985;217(1):111-6

Ultrastructural aspects of duodenal mucosa repair during treatment of peptic disease. Zoli G, et al. **Acta Physiol Hung** 1984;64(3-4):385-92

Recurrence of duodenal ulcer under continuous antisecretory treatment: an approach to the detection of predictive markers. Battaglia G, et al. **Am J Gastroenterol** 1984 Nov;79(11):831-4

A comparative trial of ranitidine 300 mg at night with ranitidine 150 mg twice daily in the treatment of duodenal and gastric ulcer. Farley A, et al. **Am J Gastroenterol** 1985 Sep;80(9):665-8

Summary of the Gastrointestinal Drugs Advisory Committee meeting—March 21 and 22, 1985. Lewis JH. **Am J Gastroenterol** 1985 Jul;80(7):581-3

Summary of the 29th meeting of the Gastrointestinal Drugs Advisory Committee, Food and Drug Administration—June 10, 1985. Lewis JH. **Am J Gastroenterol** 1985 Sep;80(9):743-5

Summary of the Gastrointestinal Drugs Advisory Committee meeting—August 16, 1984. Lewis JH, et al. **Am J Gastroenterol** 1984 Nov;79(11):897-8

Comparison of two sucralfate dosages (2 g twice a day versus 1 g four times a day) in duodenal ulcer healing. Brandstaetter G, et al. **Am J Med** 1985 Aug 30;79(2C):36-8

Protocol design for recent duodenal ulcer maintenance trials. Eshelman FN, et al. **Am J Med** 1984 Nov 19;77(5B):30-2

Duodenal and gastric ulcer healing rates: a review. Legerton CW Jr. **Am J Med** 1984 Nov 19;77(5B):2-7

Sucralfate and cimetidine as single agents and in combination for treatment of active duodenal ulcers. A double-blind, placebo-controlled trial. Van Deventer GM, et al. **Am J Med** 1985 Aug 30;79(2C):39-44

Comparison of cimetidine 800 mg once daily and 400 mg twice daily in acute duodenal ulceration. Capurso L, et al. **Br Med J [Clin Res]** 1984 Nov 24;289(6456):1418-20

Double blind comparative study of omeprazole 10 mg and 30 mg daily for healing duodenal ulcers. Prichard PJ, et al. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):601-3

Duodenal ulcers which do not heal rapidly [editorial] Wormsley KG. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1095

Acid neutralization capacity of Canadian antacid formulations [letter] Poleski MH. **Can Med Assoc J** 1985 Aug 1;133(3):181

A study of the anti-ulcer activity of diazepam and other tranquillosedatives in albino rats. Gupta MB, et al. **Clin Exp Pharmacol Physiol** 1985 Jan-Feb;12(1):61-6

A double-blind controlled clinical trial of mastic and placebo in the treatment of duodenal ulcer. Al-Habbal MJ, et al. **Clin Exp Pharmacol Physiol** 1984 Sep-Oct;11(5):541-4

Lack of pharmacokinetic interaction between cimetidine and pirenzepine. Jamali F, et al. **Clin Pharmacol Ther** 1985 Sep;38(3):325-30

Effect of combination of antacid and cimetidine on 24-hour intragastric acidity in patients with asymptomatic duodenal ulcer. Mahachai V, et al. **Clin Ther** 1984;6(6):808-23

Comparative effects of pirenzepine and cimetidine, alone and in combination, on 24-hour gastric acidity in duodenal ulcer disease. Mahachai V, et al. **Clin Ther** 1984;7(1):98-111

Doxepin and cimetidine in the treatment of duodenal ulcer: a double-blind comparative study. Shrivastava RK, et al. **Clin Ther** 1985;7(2):181-9

Doxepin therapy for duodenal ulcer: a controlled trial in patients who failed to respond to cimetidine. Shrivastava RK, et al. **Clin Ther** 1985;7(3):319-26

Effects of cimetidine, ranitidine, and antacid on renal function. Yeung CK, et al. **Clin Ther** 1984;6(5):620-4

A comparative trial of 400 mg cimetidine twice daily and 1000 mg daily in the short-term treatment of duodenal ulceration. Papadopoulos C, et al. **Curr Med Res Opin** 1985;9(8):511-5

Influence of RP 40749 on basal and meal-stimulated serum-gastrin, serum-pepsinogen I, and gastrin-content of the antral mucosa in duodenal ulcer patients. Nelis GF, et al. **Dig Dis Sci** 1985 Jul;30(7):617-23

Outcome of ulcer-associated duodenitis after short-term medical treatment. Paoluzi P, et al. **Dig Dis Sci** 1985 Jul;30(7):624-9

Factors relevant to the prognosis of chronic duodenal ulcer. Piper DW, et al. **Digestion** 1985;31(1):9-16

A comparative study of two regimens of cimetidine in the treatment of active duodenal ulcer. Tsega E, et al. **Ethiop Med J** 1985 Apr;23(2):65-70

Ranitidine versus ranitidine and prazepam in the short-term treatment of duodenal ulcer—a double-blind controlled trial. Hüscher C, et al. **Eur J Clin Pharmacol** 1985;28(2):177-80

Effect of misoprostol and cimetidine on gastric cell labeling index. Fich A, et al. **Gastroenterology** 1985 Jul;89(1):57-61

Relapse rates are more important than healing rates in determining the long-term outcome of duodenal ulcer therapy [letter] McLean AJ, et al. **Gastroenterology** 1985 Aug;89(2):480-2

Antisecretory and serum gastrin lowering effect of enprostil in patients with duodenal ulcer disease. Mahachai V, et al. **Gastroenterology** 1985 Sep;89(3):555-61

Appropriate statistical test in comparative ulcer healing studies [letter] Boyd E, et al. **Gut** 1985 Jun;26(6):643

Effect of no treatment, cimetidine 1 g/day, cimetidine 2 g/day and cimetidine combined with atropine on nocturnal gastric secretion in cimetidine non-responders. Gledhill T, et al. **Gut** 1984 Nov;25(11):1211-6

More about refractory duodenal ulcers [letter] Guslandi M. **Gut** 1984 Dec;25(12):1433-4

Antacids and duodenal ulcer [editorial] Heading RC. **Gut** 1984 Nov;25(11):1195-8

Cimetidine versus ranitidine in short term healing of duodenal ulcers [letter] Jones DB, et al. **Gut** 1985 Jun;26(6):642

Controlled therapeutic trial to determine the optimum dose of antacids in duodenal ulcer. Kumar N, et al. **Gut** 1984 Nov;25(11):1199-202

Treatment of 'cimetidine-resistant' chronic duodenal ulcers with ranitidine or cimetidine: a randomised multicentre study. Quatrini M, et al. **Gut** 1984 Oct;25(10):1113-7

Long-term treatment with cimetidine does not essentially affect the hypothalamic-pituitary-gonadal axis in man. Bianchi Porro G, et al. **Hepatogastroenterology** 1985 Apr;32(2):77-80

Carprofen and the therapy of gastroduodenal ulcerations by ranitidine. Czarnobilski Z, et al. **Hepatogastroenterology** 1985 Feb;32(1):20-3

A combination of pirenzepine and cimetidine: a new approach to treatment of duodenal ulcer in 'non-responders'. Dal Monte PR, et al. **Hepatogastroenterology** 1985 Jun;32(3):126-8

Sucralfate versus placebo treatment in duodenal and prepyloric ulcer: a clinical endoscopic, double-blind controlled investigation. Elsborg L, et al.

Hepatogastroenterology 1984 Dec;31(6):269–71

Ranitidine in the maintenance therapy of gastro-duodenal ulcer disease: Polish open multicentre study. Gibiński K, et al. **Hepatogastroenterology** 1984 Aug;31(4):180–2

Relapse rates of duodenal ulcer healed with concentrated antacid or cimetidine. Hentschel E, et al. **Hepatogastroenterology** 1984 Dec;31(6):266–8

A comparison of ranitidine with cimetidine in short term treatment of duodenal ulcer. Broor SL, et al. **Indian J Gastroenterol** 1985 Jan;4(1):11–2

Ranitidine vs cimetidine in the treatment of duodenal ulcer [letter] Swaroop VS, et al. **Indian J Gastroenterol** 1985 Jan; 4(1):53–4

Comparison between ranitidine and cimetidine in the short-term treatment of duodenal ulcer. Capria A, et al. **Int J Clin Pharmacol Res** 1985;5(2):133–5

Pharmacokinetics of cimetidine in patients with unresponsive duodenal ulcer. Rovati V, et al. **Int J Clin Pharmacol Res** 1983;3(2):71–6

Endoscopic controlled trial of four drug regimens in the treatment of chronic duodenal ulceration. Kassir ZA. **Ir Med J** 1985 Jun;78(6):153–6

Comparison of misoprostol and cimetidine in the treatment of duodenal ulcer. Fich A, et al. **Isr J Med Sci** 1985 Feb; 21(2):102–6

Atropine and cimetidine in duodenal ulcer. Abraham P, et al. **J Assoc Physicians India** 1984 Nov;32(11):939–42

Effect of cimetidine on gastric acid secretion in duodenal ulcer patients. Pimparkar AB, et al. **J Assoc Physicians India** 1984 Jun;32(6):487–90

Maintenance therapy for duodenal ulcer—a trial comparing cimetidine with a prostaglandin synthetase promoter. Dew MJ, et al. **J Clin Hosp Pharm** 1984 Dec;9(4):357–9

The effect of trimipramine (Surmontil) on the gastric secretion of acid and pepsin in patients with duodenal ulceration. Mackay HP, et al. **J Int Med Res** 1984; 12(5):303–6

Pharmacokinetic determination of ranitidine pharmacodynamics in pediatric ulcer disease. Blumer JL, et al. **J Pediatr** 1985 Aug;107(2):301–6

Effect of elcatonin on experimental gastric and duodenal ulcers. Ohno H, et al. **Jpn J Pharmacol** 1985 Jan;37(1):67–75

Duodenitis and ulcer healing [letter] **Lancet** 1985 Aug 17; 2(8451):394–5

Cimetidine versus ranitidine [letter] **Lancet** 1985 Jan 5; 1(8419):45–6

Cimetidine-resistant duodenal ulcers [editorial] **Lancet** 1985 Jan 5;1(8419):23–4

Zinc acexamate in treatment of duodenal ulcer [letter] Alcalá-Santaella R, et al. **Lancet** 1985 Jul 20;2(8447):157

Smoking, gastric secretion, and inhibition by H2 receptor antagonists [letter] Deakin M, et al. **Lancet** 1985 May 4; 1(8436):1049

Cimetidine and ranitidine [letter] Flind AC, et al. **Lancet** 1985 May 18;1(8438):1159–60

Nocturnal doses of H2 receptor antagonists for duodenal ulcer [letter] Howden CW, et al. **Lancet** 1985 Mar 16; 1(8429):647–8

Comparison of tri-potassium di-citrato bismuthate tablets with ranitidine in healing and relapse of duodenal ulcers. Lee FI, et al. **Lancet** 1985 Jun 8;1(8441):1299-302

Duodenitis and ulcer relapse [letter] Lee FI. **Lancet** 1985 Aug 3;2(8449):277

Duodenitis and ulcer relapse [letter] Prichard PJ, et al. **Lancet** 1985 Jul 13;2(8446):102

The value of cimetidine in the treatment of gastroduodenal ulcer. Buligescu L, et al. **Med Interne** 1985 Jan–Mar; 23(1):51–5

Effect of omeprazole and cimetidine on duodenal ulcer. A double-blind comparative trial. Lauritsen K, et al. **N Engl J Med** 1985 Apr 11;312(15):958–61

Pirenzepine and gastroduodenal ulcers [letter] Cameron AD. **NZ Med J** 1985 Jan 23;98(771):27

Tripotassium dicitrato-bismuthate tablets v liquid in the treatment of duodenal ulcers. Lane M, et al. **NZ Med J** 1985 Mar 27;98(775):191–2

Treatment of duodenal ulcers using pirenzepine and cimetidine: controlled trial [letter] Lee SP. **NZ Med J** 1985 Mar 27;98(775):207–8

Cimetidine, ranitidine and mifentidine in specific gastric and duodenal ulcer models. Del Soldato P, et al. **Pharmacology** 1985;30(1):45–51

Medical management of peptic ulcer. Misiewicz JJ. **Postgrad Med J** 1984 Nov;60(709):751–9 (77 ref.)

Recurrence of duodenal ulceration in patients on maintenance sucralfate. A 12-month follow-up study. Marks IN, et al. **S Afr Med J** 1985 Apr 20;67(16):626–8

Misoprostol, a synthetic prostaglandin E1 analogue, in the treatment of duodenal ulcers. A double-blind, cimetidine-controlled trial. O'Keefe SJ, et al. **S Afr Med J** 1985 Mar 2;67(9):321–4

Gastric acid secretion and duodenal ulcer healing during treatment with omeprazole. A Scandinavian Multicentre Study. **Scand J Gastroenterol** 1984 Oct;19(7):882–4

Doxepin in the treatment of duodenal ulcer. A double-blind clinical study comparing doxepin and placebo. Andersen OK, et al. **Scand J Gastroenterol** 1984 Oct;19(7):923–5

A double-blind endoscopic study with De-Nol tablets and cimetidine for duodenal ulcer. Bianchi Porro G, et al. **Scand J Gastroenterol** 1984 Oct;19(7):905–8

Pirenzepine versus cimetidine in duodenal ulcer treatment. A clinical and microbiological study. Jaup BH, et al. **Scand J Gastroenterol** 1985 Mar;20(2):183–8

Comparison of ranitidine and high-dose antacid in the treatment of prepyloric or duodenal ulcer. A double-blind controlled trial. Lauritsen K, et al. **Scand J Gastroenterol** 1985 Jan;20(1):123–8

Ranitidine versus anticholinergic/antacid for duodenal ulcer. A randomized, endoscopically controlled, single-blind multicentre trial. Miettinen P, et al. **Scand J Gastroenterol** 1985 Aug;20(6):701–5

Effect of omeprazole, a substituted benzimidazole, on 24-h intragastric acidity in patients with peptic ulcer disease. Naesdal J, et al. **Scand J Gastroenterol** 1984 Oct; 19(7):916–22

The rate of healing of duodenal ulcers during omeprazole treatment. Naesdal J, et al. **Scand J Gastroenterol** 1985 Aug; 20(6):691–5

Cimetidine reduces the risk of rebleeding from duodenal ulcers displaying signs of recent haemorrhage. Stiel D, et al. **Scand J Gastroenterol** 1984 Sep;19(6):798–801

Comparison of ranitidine and cimetidine maintenance treatment of duodenal ulcer. Walt RP, et al. **Scand J Gastroenterol** 1984 Nov;19(8):1045–7

A comparative clinical trial of sucralfate and cimetidine in duodenal ulcer healing. Wong CS, et al. **Singapore Med J** 1984 Oct;25(5):314–5

Nimbidin in duodenal ulcer. Balakrishnan V, et al. **Trop Gastroenterol** 1985 Jan–Mar;6(1):23–5

[Ultrastructural mechanisms of the antacid effect of biomet in duodenal ulcer patients] Damianov B, et al. **Vutr Boles** 1985;24(1):22–30 (Eng. Abstr.) (Bul)

[Effect of Chinese herbal medicine, western medicine and Chinese and western medicine combined in the treatment of peptic ulcer] Wang JC. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):20–2, 2 (Eng. Abstr.) (Chi)

[A prospective, randomized, multicenter, double-blind clinical trial of 'xi lei san' in the treatment of duodenal ulcer] **Chung Hua Nei Ko Tsa Chih** 1984 Apr;23(4):198–200 (Eng. Abstr.) (Chi)

[Omeprazole, the drug of the future for the treatment of Zollinger-Ellison syndrome and duodenal ulcer?] Fiasse R, et al. **Acta Gastroenterol Belg** 1984 Nov–Dec; 47(6):555–68 (Eng. Abstr.) (Fre)

[Effective drugs and less effective drugs in the treatment of duodenal ulcer] Ligny G, et al. **Acta Gastroenterol Belg** 1984 Nov–Dec;47(6):569–75 (Eng. Abstr.) (Fre)

[Long-term therapeutic attitude in duodenal ulcer] Rajan A, et al. **Acta Gastroenterol Belg** 1984 Nov–Dec;47(6):583–7 (Eng. Abstr.) (Fre)

[Efficacy of ranitidine and cimetidine in the treatment of gastric or duodenal ulcer resistant to an initial treatment with cimetidine. Multicenter controlled therapeutic trial] Amouretti M, et al. **Gastroenterol Clin Biol** 1985 Feb; 9(2):147–52 (Eng. Abstr.) (Fre)

[Is it justifiable to perform noncontrolled therapeutic trials in duodenal ulcer? Apropos of omeprazole (letter)] Baron JH. **Gastroenterol Clin Biol** 1985 Apr;9(4):370–1 (Fre)

[Treatment of duodenal ulcer outbreak with omeprazole. Results of a multicenter non-controlled study] Blanchi A, et al. **Gastroenterol Clin Biol** 1984 Dec;8(12):943–6 (Eng. Abstr.) (Fre)

[Treatment of ulcer: a single dose of anti-H2] Loizeau E. **Rev Med Suisse Romande** 1985 Apr;105(4):281–2 (Fre)

[Antacids and peptic ulcer in 1984] Poitras P. **Union Med Can** 1984 Dec;113(12):1010–1, 1018 (Eng. Abstr.) (Fre)

[Short-term therapy of duodenal ulcer with omeprazole and ranitidine. Results of a German multicenter study] Classen M, et al. **Dtsch Med Wochenschr** 1985 Feb 8;110(6):210–5 (Eng. Abstr.) (Ger)

[Are 2 tablets of magaldrate at bedtime effective in the therapy of duodenal ulcer? (letter)] Dammann HG, et al. **Dtsch Med Wochenschr** 1985 Jan 11;110(2):77–9 (Ger)

[Comparative treatment of duodenal ulcer with placebo and trimipramine (Herphonal). A multicenter study] Bergmann M, et al. **Z Arztl Fortbild (Jena)** 1985;79(8):337–9 (Ger)

[Current ulcer therapy in ambulatory practice] Gütz HJ. **Z Arztl Fortbild (Jena)** 1985;79(7):313–4 (Ger)

[Ranitidine in the treatment of gastric and duodenal ulcer] Buscarini L, et al. **Clin Ter** 1984 Nov 15;111(3):243–5 (Eng. Abstr.) (Ita)

[A single night-time dose of H2 antagonists: a novelty in the treatment of duodenal ulcer] Dammann HG, et al. **Clin Ter** 1985 Jun 30;113(6):435–42 (Eng. Abstr.) (Ita)

[Evaluation of the symptomatic clinical efficacy of ranitidine in benign gastroduodenal pathology] Rizzi B, et al. **Clin Ter** 1985 Jun 30;113(6):447–55 (Eng. Abstr.) (Ita)

[Nonresponders to H2 blockers: why? Preliminary data] Bongiorno A, et al. **Minerva Dietol Gastroenterol** 1985 Apr–Jun;31(2):135–8 (Eng. Abstr.) (Ita)

[Ranitidine in preventing the recurrence of duodenal ulcer. First experiences at mid-term] Bongiorno A, et al. **Minerva Dietol Gastroenterol** 1984 Jul–Sep;30(3):251–4 (Eng. Abstr.) (Ita)

[Short-term therapy (6 weeks) of duodenal ulcer with ranitidine 150 mg. b.d. and cimetidine 400 mg. b.d. Open randomized study of 126 patients] Briglia R, et al. **Minerva Dietol Gastroenterol** 1985 Apr–Jun;31(2):273–5 (Eng. Abstr.) (Ita)

[Comparison of cimetidine and antacids in short-term and long-term therapy of duodenal ulcer] Di Cicco M, et al. **Minerva Dietol Gastroenterol** 1985 Apr–Jun;31(2):281–4 (Eng. Abstr.) (Ita)

[Pirenzepine given parenterally in gastroduodenopathies in patients with medico-surgical emergencies] Mazzarella B, et al. **Minerva Dietol Gastroenterol** 1984 Jul–Sep; 30(3):221–6 (Eng. Abstr.) (Ita)

[Comparative study of cimetidine and ranitidine in the treatment of duodenal ulcer. A 12-month follow-up of 30 patients] Noya G, et al. **Minerva Dietol Gastroenterol** 1984 Oct–Dec;30(4):401–3 (Eng. Abstr.) (Ita)

[Ranitidine and cimetidine in the treatment of duodenal ulcer. Comparison after 3 and 6 weeks] Scialabba A, et al. **Minerva Dietol Gastroenterol** 1985 Apr–Jun;31(2):269–72 (Eng. Abstr.) (Ita)

[Gastric emptying in patients with duodenal peptic ulcer before and after H2 blockader therapy] Usai P, et al. **Minerva Dietol Gastroenterol** 1985 Apr–Jun;31(2):113–6 (Eng. Abstr.) (Ita)

[Dosage and effectiveness of cimetidine and ranitidine in the treatment of duodenal ulcer] Nowak A, et al. **Pol Tyg Lek** 1984 Jun 4;39(23):789–91 (Eng. Abstr.) (Pol)

[Duodenal ulcer in Libyans of Eastern Libya treated with 3 different doses of cimetidine] Szadkowski M. **Pol Tyg Lek** 1984 Nov 19;39(47):1543–5 (Eng. Abstr.) (Pol)

[Effect of different therapeutic schedules of antacids on the pH of gastric content, varying dosage and time of administration, in patients with duodenal ulcer] Ribeiro TC, et al. **AMB** 1984 Jul–Aug;30(7–8):144–6 (Eng. Abstr.) (Por)

[Treatment of gastric and duodenal ulcers with an original liquid antacid] Stanciu C, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct–Dec;88(4):601–6 (Eng. Abstr.) (Rum)

[Protective action of endogenous opioid-like peptides of different origins in duodenal ulcer in rats] Vinogradov VA, et al. **Biull Eksp Biol Med** 1985 May;99(5):548–9 (Eng. Abstr.) (Rus)

[Effect of cimetidine on the gastric evacuatory function in peptic ulcer patients] Saakian AG, et al. **Farmakol Toksikol** 1984 Sep–Oct;47(5):50–3 (Eng. Abstr.) (Rus)

[Use of statizol in the treatment of patients with peptic ulcer of the stomach and duodenum] Panchenkov RT, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):111–4 (Rus)

[Use of cimetidine in duodenal ulcer] El'shtein NV, et al. **Klin Med (Mosk)** 1984 Oct;62(10):44–7 (Eng. Abstr.) (Rus)

[Use of gastrozepin in erosive-ulcerative diseases of the stomach and duodenum] Kukes VG, et al. **Klin Med (Mosk)** 1984 Jul;62(7):114–7 (Rus)

[Effect of gastrozepin on the rate of gastric emptying in patients with peptic ulcer and dumping syndrome following gastric resection] Saakian Ag. **Klin Med (Mosk)** 1985 Apr; 63(4):72–6 (Eng. Abstr.) (Rus)

[Stimulation of restorative processes in stomach and duodenal ulcers] Demin AA, et al. **Ter Arkh** 1985;57(2):38–40 (Eng. Abstr.) (Rus)

[Characteristics of beta 2-adrenergic regulation of gastric secretion, hemostasis and cardiac rhythm in patients with duodenal ulcer and a history of hemorrhagic complications (effect of alupent)] Fisher AA, et al. **Ter Arkh** 1985; 57(2):21–6 (Eng. Abstr.) (Rus)

[Evaluation of current preparations and local application in treating peptic ulcer exacerbation] Smagin VG, et al. **Ter Arkh** 1984;56(9):15–20 (Eng. Abstr.) (Rus)

[Clinical evaluation of hexapeptide dalargine used in the treatment of duodenal ulcer] Smagin VG, et al. **Ter Arkh** 1984;56(11):49–52 (Eng. Abstr.) (Rus)

[Clinico-functional evaluation of the effectiveness of trental in the treatment of duodenal ulcer] Vorob'ev LP, et al. **Ter Arkh** 1985;57(2):52–5 (Eng. Abstr.) (Rus)

[A multicenter comparative clinical trial of sucralfate and cimetidine in the therapy of gastric and duodenal ulcer] Fališevac V, et al. **Lijec Vjesn** 1985 Jan;107(1):23–6 (Eng. Abstr.) (Ser)

[Clinical evaluation and pH control in patients with duodenal ulcer treated with ranitidine] Martini RB, et al. **Acta Gastroenterol Latinoam** 1984;14(4):315–9 (Eng. Abstr.) (Spa)

[Clinical trial of zinc epsilon-acetamidocaproate (A-84) in duodenal ulcer] Roig Catalá E, et al. **Rev Esp Enferm Apar Dig** 1984 Oct;66(4):302–6 (Eng. Abstr.) (Spa)

[Duodenal peptic ulcer. Medical therapy] Villalobos Pérez JJ. **Rev Gastroenterol Mex** 1984 Jul–Sep;49(3):179–84 (Eng. Abstr.) (Spa)

[Effect of inhibitors of acid secretion in patients with duodenal ulcer. Comparative study of cimetidine, ranitidine and pirenzepine] Espinoza M, et al. **Rev Med Chil** 1984 Nov;112(11):1085–9 (Eng. Abstr.) (Spa)

[Ranitidine, cimetidine and placebo in the short and long-term treatment of duodenal ulcer] Klinger J, et al. **Rev Med Chil** 1984 Apr;112(4):337–41 (Eng. Abstr.) (Spa)

[Ranitidine and cimetidine in 2 daily doses, in the short-term treatment of duodenal ulcer] Medina LA, et al. **Rev Med Chil** 1984 May;112(5):457–62 (Eng. Abstr.) (Spa)

ENZYMOLOGY

[Adenylate cyclase activity of the gastric mucosa and the morphological changes in the gastrointestinal tract in the experimental reproduction of duodenal ulcers with subsequent truncal vagotomy] Blagovidov DF, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):144-7 **(Rus)**

[Adenyl cyclase activity of gastric mucosa in patients with duodenal ulcer before and after treatment] Blagovidov DF, et al. **Klin Med (Mosk)** 1984 Oct;62(10):69-72 **(Rus)**

[Method of determination and diagnostic significance of gastric juice elastase] Murashov BF, et al. **Lab Delo** 1985;(2):107-9 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Patients with chronic renal failure are not at a risk of developing chronic peptic ulcers. Andriulli A, et al. **Clin Nephrol** 1985 May;23(5):245-8

Duodenal ulcerogens cysteamine and propionitrile induce gastroduodenal motility alterations in the rat. Pihan G, et al. **Gastroenterology** 1985 Apr;88(4):989-97

Ulcer disease of the upper gastrointestinal tract. Meeroff JC. **Hosp Pract [Off]** 1984 Oct;19(10):177-80, 190, 192 passim

Smoking, alcohol, analgesics, and chronic duodenal ulcer. A controlled study of habits before first symptoms and before diagnosis. Piper DW, et al. **Scand J Gastroenterol** 1984 Nov;19(8):1015-21

[Perforated gastric ulcer during a slimming regime] Olesen J, et al. **Ugeskr Laeger** 1985 Feb 25;147(9):796-7 (Eng. Abstr.) **(Dan)**

[Esophago-gastro-enteric manifestations of scleroderma. Apropos of a clinical case] Modena S, et al. **Chir Ital** 1983 Apr;35(2):216-20 (Eng. Abstr.) **(Ita)**

[Neurovegetative manifestations: duodenal ulcer and myocardial infarct] Cefis M, et al. **Minerva Cardioangiol** 1985 May;33(5):243-7 (Eng. Abstr.) **(Ita)**

[Follow-up in erosive hemorrhagic duodenum. Evaluation of the risk of duodenal ulcer] Bongiorno A, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):131-3 (Eng. Abstr.) **(Ita)**

[Therapeutic indications in 2 cases of complicated Curling's ulcer in burn patients with symptom remission] Mian EU, et al. **Minerva Dietol Gastroenterol** 1984 Jul-Sep;30(3):301-7 (Eng. Abstr.) **(Ita)**

[Duodenal paracoccidioidomycosis with digestive bleeding] Martinez R, et al. **Rev Inst Med Trop Sao Paulo** 1984 May-Jun;26(3):160-4 (Eng. Abstr.) **(Por)**

[Peptic ulcer in thyrotoxicosis] Nikolaichuk LV, et al. **Sov Med** 1984;(8):115-6 **(Rus)**

[Significance of infection in the development of acute gastric and duodenal ulcers] Ageev AK. **Vestn Khir** 1984 Sep;133(9):16-21 (Eng. Abstr.) **(Rus)**

[Relation between peptic ulcer and gastroduodenitis in chronic tonsillitis] Zavadiak MI, et al. **Vrach Delo** 1985 Jan;(1):9-12 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

Study of duodenal ulcer disease in 100 families using total serum pepsinogen as a genetic marker. Habibullah CM, et al. **Gut** 1984 Dec;25(12):1380-3

Genetic markers and severity of duodenal ulcer. McConnell RB, et al. **Prog Clin Biol Res** 1985;173:245-54 (22 ref.)

The genetics of peptic ulcer. Ellis A. **Scand J Gastroenterol [Suppl]** 1985;110:25-7

[Anticipation of duodenal peptic ulcer. I. Prevention in subjects at risk of inheriting it] Stanchev IN. **Vutr Boles** 1984;23(5):29-34 (Eng. Abstr.) **(Bul)**

[Genetic analysis of the indices of gastric acid secretory and proteolytic functions in duodenal ulcer patients] Lebedeva RP, et al. **Genetika (Moskva)** 1985 Feb;21(2):327-31 (Eng. Abstr.) **(Rus)**

HISTORY

Duodenal ulcers and their surgical treatment: where did they come from? Jordan PH Jr. **Am J Surg** 1985 Jan;149(1):2-14

IMMUNOLOGY

Changes in the interleukin-1 and interleukin-2 generation in duodenal ulcer patients during cimetidine treatment. Markiewicz K, et al. **Immunol Lett** 1985;10(1):19-23

[Cellular immunity in chronic complications of peptic ulcer of the stomach and duodenum] Kirichenko BB. **Khirurgiia (Mosk)** 1984 Sep;(9):64-6 (Eng. Abstr.) **(Rus)**

[Immunologic reactivity in the determination of indications and timing of surgical treatment of peptic ulcer of the duodenum] Shevchuk MG, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):30-3 (Eng. Abstr.) **(Rus)**

[Status of the cellular immune system in acutely developing complications of peptic ulcer before and after surgical treatment] Eriukhin IA, et al. **Vestn Khir** 1985 Jan;134(1):42-6 (Eng. Abstr.) **(Rus)**

METABOLISM

Guar gum benefits duodenal ulcer patients by decreasing gastric acidity and rate of emptying of gastric contents 60 to 120 minutes postprandially. Harju E. **Am Surg** 1984 Dec;50(12):668-72

Omeprazole inhibition of nocturnal gastric secretion in patients with duodenal ulcer. Hetzel DJ, et al. **Br J Clin Pharmacol** 1984 Oct;18(4):587-90

Interrelationship between gastric acidity and gastrin concentration in patients with duodenal or gastric ulcer and in healthy subjects. Mahachai V, et al. **Clin Ther** 1985;7(4):424-41

Gastrin and gastric secretion in patients with recurrent peptic ulceration—unexpected correlations. Primrose JN, et al. **Digestion** 1985;32(1):30-4

Gastric bicarbonate secretion in patients with duodenal ulcer. Feldman M, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1205-8

Sustained fasting achlorhydria: a comparison of medical regimens. Peterson WL, et al. **Gastroenterology** 1985 Mar;88(3):666-9

Acid and gastrin responses during intragastric titration in normal subjects and duodenal ulcer patients with G-cell hyperfunction. Cooper RG, et al. **Gut** 1985 Mar;26(3):232-6

Duodenal mucosa synthesis of prostaglandins in duodenal ulcer disease. Hillier K, et al. **Gut** 1985 Mar;26(3):237-40

Intravenous omeprazole rapidly raises intragastric pH. Walt RP, et al. **Gut** 1985 Sep;26(9):902-6

Effect of H2 blockers on intragastric nitrosation as measured by 24-hour urinary secretion of N-nitrosoproline. Elder JB, et al. **IARC Sci Publ** 1984;(57):969-74

Studies on inhibin-like peptide in gastric juice and serum of patients with duodenal ulcers. Shanbhag SA, et al. **J Endocrinol** 1984 Dec;103(3):389-93

Abnormally processed gastrins in active duodenal ulcer disease. Petersen B. **Scand J Clin Lab Invest [Suppl]** 1984;168:25-44 (86 ref.)

High gastric bile acid concentration in prepyloric ulcer patients. Gotthard R, et al. **Scand J Gastroenterol** 1985 May;20(4):439-46

The effect of beta-blockade on gastric acid secretion, gastrin release, and plasma catecholamine concentrations during modified sham feeding in duodenal ulcer patients. Graffner H, et al. **Scand J Gastroenterol** 1984 Oct;19(7):937-40

Relationship of urinary pepsinogen with serum pepsinogen in duodenal ulcer. Habibullah CM, et al. **Trop Gastroenterol** 1985 Jan-Mar;6(1):26-9

Studies of basal and stimulated gastric acid output in Jordanian male and female patients and controls. Toukan AU, et al. **Trop Geogr Med** 1985 Mar;37(1):56-61

[Changes in the histamine content and morphology of the gastric mucosa in duodenal ulcer after pentagastrin stimulation] Matov V, et al. **Vutr Boles** 1984;23(4):39-42 (Eng. Abstr.) **(Bul)**

[Release of pancreatic polypeptide in response to the intragastric administration of a meal is not different in duodenal ulcer patients and normal subjects] Rigaud D, et al. **Gastroenterol Clin Biol** 1985 Jan;9(1):23-6 (Eng. Abstr.) **(Fre)**

[Evaluation of the secretory function of the stomach with radioisotopes] Soltysiak A, et al. **Pol Tyg Lek** 1984 Jun 4;39(23):785-8 (Eng. Abstr.) **(Pol)**

[Effect of an antacid containing calcium on gastric acid secretion, in patients with duodenal ulcer] Ribeiro T de C, et al. **Arq Gastroenterol** 1984 Jul-Sep;21(3):113-5 (Eng. Abstr.) **(Por)**

[Secretory function of the stomach in the determination of indications for the surgical treatment of peptic ulcer] Zakharova GN, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):39-42 (Eng. Abstr.) **(Rus)**

[Influence of the sympathetic nervous system on basal gastric secretion in duodenal ulcer and chronic gastritis] Tsimmerman IaS, et al. **Klin Med (Mosk)** 1984 Sep;62(9):144-8 (Eng. Abstr.) **(Rus)**

[Protein metabolism in patients with duodenal ulcers and mathematical modeling of its disorders] Khachiev GL, et al. **Ter Arkh** 1985;57(2):26-7 (Eng. Abstr.) **(Rus)**

[Effect of vagotomy on gastrin secretion in patients with duodenal ulcer] Shvarts VIa. **Ter Arkh** 1985;57(2):11-5 (Eng. Abstr.) **(Rus)**

[Gastric secretion. New concepts] García-Morato V, et al. **Rev Esp Enferm Apar Dig** 1984 Oct;66(4):295-301 (Eng. Abstr.) **(Spa)**

[Gastric hypersecretion and duodenal ulcer: suspected existence of a non-gastrin secretagogue through bioassay] Sainz R, et al. **Rev Esp Enferm Apar Dig** 1985 May;67(5):391-5 (Eng. Abstr.) **(Spa)**

MORTALITY

Late mortality following Billroth II resection for duodenal ulcer. Fischer AB, et al. **Acta Chir Scand** 1985;151(1):43-7

Sex differences in morbidity and mortality from peptic ulcer in Canada, 1950-1981. Preshaw RM. **Clin Invest Med** 1985;8(1):62-7

Birth-cohort analysis of peptic ulcer mortality in Europe. Sonnenberg A, et al. **J Chronic Dis** 1985;38(4):309-17

Cohort and period effects in peptic ulcer mortality from Japan. Sonnenberg A, et al. **J Chronic Dis** 1984;37(9-10):699-704

[Descriptive epidemiology of peptic ulcer] Wolff G, et al. **Z Arztl Fortbild (Jena)** 1985;79(7):273-7 **(Ger)**

[Long-term follow-up study of gastric and duodenal ulcers] Ogawa K. **Fukuoka Igaku Zasshi** 1984 Jul;75(7):397-421 (Eng. Abstr.) **(Jpn)**

OCCURRENCE

Duodenal ulcer disease in the elderly: a retrospective study. Watson RJ, et al. **Age Ageing** 1985 Jul;14(4):225-9

The incidence of duodenal and gastric ulcers in a large health maintenance organization. Kurata JH, et al. **Am J Public Health** 1985 Jun;75(6):625-9

The incidence of gastric ulcer and duodenal ulcer in north Norway. A prospective epidemiological study. Ostensen H, et al. **Scand J Gastroenterol** 1985 Mar;20(2):189-92

The incidence of peptic ulcer disease related to occupation in the northern part of Norway. A prospective epidemiological and radiological study. Ostensen H, et al. **Scand J Gastroenterol** 1985 Jan;20(1):79-82

Curling's ulcer—a serious complication of the burned patient. Nordström H, et al. **Scand J Gastroenterol [Suppl]** 1984;105:14-18

Geographic and temporal variations in the occurrence of peptic ulcer disease. Sonnenberg A. **Scand J Gastroenterol [Suppl]** 1985;110:11-24

Peptic diseases in Ethiopia: a prospective analysis of 200 endoscopically proven cases. Tsega E, et al. **Trop Geogr Med** 1985 Jun;37(2):150-5

[Monthly and seasonal distribution of gastric and duodenal ulcer in an endoscopy study group] Bretzke G. **Z Gesamte Inn Med** 1985 Jul 1;40(13):407-8 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Parietal cell density in gastric biopsies from patients with and without duodenal ulcer disease. Beck H, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1985 May;93(3):127-32

A method of inducing chronic gastric and duodenal ulcer by electrocoagulation in rats. Malecki I. **Acta Physiol Pol** 1983 Sep-Dec;34(5-6):531-7

Histological appearances of oesophagus, antrum and duodenum and their correlation with symptoms in patients with a duodenal ulcer. Earlam RJ, et al. **Gut** 1985 Jan;26(1):95-100

Duodenal ulcers that will not heal [letter] Haubrich WS. **Gut** 1985 Jan;26(1):105

Surface morphology of the gastroduodenal mucosa in duodenal ulceration. Steer HW. **Gut** 1984 Nov;25(11):1203-10

The gastro-duodenal epithelium in peptic ulceration. Steer HW. **J Pathol** 1985 Aug;146(4):355-62

The anatomical position of duodenal ulcers—a hypothesis based on an experimental study. Lawson HH, et al. **S Afr J Surg** 1985 Mar;23(1):23-5

The antral gastrin-producing cells in duodenal ulcer patients. An ultrastructural study before and during treatment with cimetidine. Nielsen HO, et al. **Virchows Arch [A]** 1985;406(3):271-7

[Studies on the distribution of D cells and G cells in gastric antrum of patients with gastric and duodenal ulcer] Zhang XY. **Chung Hua Nei Ko Tsa Chih** 1984 Apr;23(4):207-10 (Eng. Abstr.) **(Chi)**

[Esophagogastroduodenoscopy in ulcer disease] Bosseckert H. **Z Arztl Fortbild (Jena)** 1985;79(7):307-10 **(Ger)**

[Pathologic anatomy of peptic ulcer] Wohlgemuth B. **Z Arztl Fortbild (Jena)** 1985;79(7):279-82 **(Ger)**

[Comparative characteristics of the gastric mucosa in duodenal ulcer patients undergoing various types of surgical treatment] Zaitsev VT, et al. **Klin Khir** 1984 Aug;(8):9-11 (Eng. Abstr.) **(Rus)**

[2 cases of duodenal peptic ulcer in preschool children] Krasnova AK, et al. **Pediatriia** 1985 Jun;(6):67-8 **(Rus)**

[Intestinal metaplasia of the stomach. Histopathological study of 120 surgical specimens from gastrectomy] Duarte I, et al. **Rev Med Chil** 1984 Aug;112(8):765-70 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Physiopathological heterogeneity of the duodenal mechanisms that inhibit gastric acid secretion in duodenal ulcer patients. Sainz R, et al. **Am J Gastroenterol** 1985 Sep;80(9):673-7

Reducing overnight secretion of acid to heal duodenal ulcers. Comparison of standard divided dose of ranitidine with a single dose administered at night. Colin-Jones DG, et al. **Am J Med** 1984 Nov 19;77(5B):116-22

The effect of omeprazole on gastric emptying in patients with duodenal ulcer disease. Horowitz M, et al. **Br J Clin Pharmacol** 1984 Nov;18(5):791-4

Factors influencing healing of duodenal ulcer. Control of nocturnal secretion by H2 blockade and characteristics of patients who failed to heal. Lam SK, et al. **Dig Dis Sci** 1985 Jan;30(1):45-51

Biliary and pancreatic secretions influence experimental duodenal ulcer without affecting gastric secretion in the rat. Pihan G, et al. **Dig Dis Sci** 1985 Mar;30(3):240-6

Healing of cysteamine-induced duodenal ulcers in the rat. Poulsen SS, et al. **Dig Dis Sci** 1985 Feb;30(2):161-7

Effect of cimetidine on augmented gastric blood flow in duodenal ulcer patients. Ivarsson L, et al. **Gut** 1984 Oct;25(10):1093-9

Gastric acid and pancreatic polypeptide responses to modified sham feeding: indication of an increased basal vagal tone in a subgroup of duodenal ulcer patients. Kohn A, et al. **Gut** 1985 Aug;26(8):776-82

Gastrin sensitivity in duodenal ulcer. Lam SK, et al. **Gut** 1985 May;26(5):485-90

Altered solid and liquid gastric emptying in patients with duodenal ulcer disease. Maddern GJ, et al. **Gut** 1985 Jul;26(7):689-93

On the origin of duodenal-ulcer pain. Earlam R. **Lancet** 1985 Apr 27;1(8435):973-4

Heterogeneous origin of hyperacidity in duodenal ulcer. Lam

SK. **Prog Clin Biol Res** 1985;173:255–71 (67 ref.)

The effects of 9-hydroxy-19,20-bis-norprostanoic acid on mucus, acid and gastrin secretion in duodenal ulcer patients. Foschi D, et al. **Prostaglandins Leukotrienes Med** 1984 Aug; 15(2):147–52

Acid secretion in isolated gastric glands from healthy subjects and ulcer patients. Leth R, et al. **Scand J Gastroenterol** 1985 Jun;20(5):641–6

Gastric acid and pepsin secretion in response to modified sham feeding in active and inactive duodenal ulcer disease. Sandvik A, et al. **Scand J Gastroenterol** 1985 Jun; 20(5):602–6

Changes of cell population in the antrum after selective proximal vagotomy and pyloroplasty in gastroduodenal ulcer. Holle GE, et al. **Surg Gynecol Obstet** 1985 Mar; 160(3):211–9

[The gastric mucosal barrier in peptic ulcer: 46 cases] Jiang SJ. **Chung Hua Nei Ko Tsa Chih** 1985 Apr;24(4):204–6, 254 (Eng. Abstr.) (Chi)

[Factors affecting the healing rate of duodenal ulcer] Xu KC. **Chung Hua Nei Ko Tsa Chih** 1984 May;23(5):284–6 (Eng. Abstr.) (Chi)

[Progress in the pathophysiology of ulcer disease] Jablonská M. **Z Arztl Fortbild (Jena)** 1985;79(7):283–8 (Ger)

[Gastric acid secretion and the pain syndrome in active and cicatrized duodenal ulcers] Misciagna G, et al. **Minerva Dietol Gastroenterol** 1984 Oct–Dec;30(4):373–83 (Eng. Abstr.) (Ita)

[Value and use of endoscopic pH measurement in gastroduodenal pathology] Sartori S, et al. **Minerva Med** 1985 May 31;76(22–23):1077–84 (Eng. Abstr.) (Ita)

[Meal-stimulated gastric acid secretion and gastrin release in patients with gastric or duodenal ulcer. A study by intragastric titration method] Inada M. **Nippon Shokakibyo Gakkai Zasshi** 1984 Oct;81(10):2516–25 (Eng. Abstr.) (Jpn)

[Studies on pathophysiology of peptic ulcer. Neutralization by pancreatic juice secretion into the duodenal lumen after HCL loading] Matsumoto J, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Mar;82(3):404–12 (Eng. Abstr.) (Jpn)

[Effects of pirenzepin on the pH of the gastric content and on basal acid secretion and on that stimulated by betazole, in patients with duodenal ulcer] Ribeiro T de C, et al. **AMB** 1984 May–Jun;30(5–6):105–7 (Eng. Abstr.) (Por)

[Gastric secretory function after resection for excluding a duodenal ulcer] Kalish IuI. **Klin Khir** 1984 Aug;(8):31–2 (Eng. Abstr.) (Rus)

[Mechanisms of the evacuatory function disorders of the gastric stump following a Billroth II resection and their diet therapy] Khoromskiĭ LN, et al. **Klin Khir** 1984 Aug; (8):64–7 (Eng. Abstr.) (Rus)

[Effect of cerucal and cimetidine on evaluation from the stomach of various types of food in patients with peptic ulcer] Saakian AG, et al. **Klin Med (Mosk)** 1984 Aug; 62(8):59–63 (Eng. Abstr.) (Rus)

[Basic indices of intragastric pH measurement and basis for the atropine test] Skuia NA, et al. **Klin Med (Mosk)** 1984 Jul;62(7):105–8 (Rus)

[Nature of the changes of electrical activity in the cerebral cortex and stem structures in gastric and duodenal peptic ulcer] Gil'man IM, et al. **Patol Fiziol Eksp Ter** 1984 Sep–Oct;(5):46–50 (Eng. Abstr.) (Rus)

[Effect of gastric and duodenal peptic ulcer on the course and effectiveness of treating destructive pulmonary tuberculosis] Bilyk MA. **Probl Tuberk** 1985;(4):41–4 (Eng. Abstr.) (Rus)

[The pituitary-thyroid system in patients with duodenal ulcer] Lukashova IV, et al. **Sov Med** 1984;(8):11–4 (Eng. Abstr.) (Rus)

[Incretory function of the pancreas and carbohydrate metabolism in patients with peptic ulcer of the duodenum] Murashko VV, et al. **Ter Arkh** 1984;56(8):94–7 (Eng. Abstr.) (Rus)

[Diagnostic possibilities of intragastric pH-metry] Mysh VG. **Ter Arkh** 1985;57(2):18–20 (Eng. Abstr.) (Rus)

[Effect of pentagastrin on the emptying function of the stomach and pyloric sphincter tonus in patients with duodenal ulcer] Saakian AG. **Ter Arkh** 1985;57(2):15–8 (Eng. Abstr.) (Rus)

[Value of chromoscopy in the evaluation of gastric and duodenal function] Timen LIa, et al. **Voen Med Zh** 1984 Dec;(12):53–4 (Rus)

[Circadian rhythm and the functional reserves of the sympathetic-adrenal system in peptic ulcer patients] Kravchenko TV, et al. **Vrach Delo** 1984 Nov;(11):88–91 (Rus)

[Relationship between ulcerative lesions of the duodenum and liver function] Kushnir VE, et al. **Vrach Delo** 1985 Mar;(3):79–80 (Rus)

[Nocturnal gastric secretion and duodenal ulcer] Mazure RM, et al. **Acta Gastroenterol Latinoam** 1984;14(3):243–8 (Spa)

[Mechanisms of duodenal inhibition of gastric secretion: experimental study of its behavior in the ulcer patient] Sainz R, et al. **Rev Esp Enferm Apar Dig** 1984 Aug;66(2):109–17 (Eng. Abstr.) (Spa)

PREVENTION & CONTROL

Interim analysis of a comparative trial of ranitidine and cimetidine in the prevention of duodenal ulcer. Gough KR. **Am J Med** 1984 Nov 19;77(5B):39–42

Acid neutralizing capacities and protective effect of sucralfate [letter] Delchier JC, et al. **Dig Dis Sci** 1985 Jun; 30(6):600–1

Prevention of duodenal ulcers in the rat using a combination of ranitidine and sucralphate in subtherapeutic doses. Bank S, et al. **Gut** 1985 Jun;26(6):603–6

Seasonal prophylactic treatment with pirenzepine to prevent duodenal ulcer recurrence [letter] Morelli A, et al. **Lancet** 1984 Nov 17;2(8412):1157

Prevention of duodenal ulcer relapse with ranitidine. Mekel RC, et al. **S Afr Med J** 1985 Sep 14;68(6):385–6

PSYCHOLOGY

Gastric emptying and anxiety in chronic duodenal ulcer. Magni G, et al. **Int J Psychophysiol** 1984 Nov;2(2):141–3

Perception of life event stress in patients with chronic duodenal ulcer. A comparison of the rating of life events by duodenal ulcer patients and community controls. McIntosh JH, et al. **Scand J Gastroenterol** 1985 Jun; 20(5):563–8

[Clinical conference at the Brazilian Institute for Study and Research in Gastroenterology] Pontes JF, et al. **Arq Gastroenterol** 1984 Jul–Sep;21(3):143–50 (Por)

RADIOGRAPHY

The radiologic detection of duodenal ulcers: effects of examiner variability, ulcer size and location, and technique. Gelfand DW, et al. **AJR** 1985 Sep;145(3):551–3

Radiological diagnosis of linear ulcer of the stomach and duodenum. Yarita T, et al. **J Belge Radiol** 1984;67(2):75–80

[Bleeding postbulbar duodenal ulcer following radiotherapy of non-Hodgkin lymphoma] Lange H, et al. **Z Gesamte Inn Med** 1984 Jul 1;39(13):317–8 (Eng. Abstr.) (Ger)

[Symposium: Progress in the processing and interpreting of diagnostic images] **Radiol Med (Torino)** 1984 Apr;70(4 Suppl 1):89–102 (Ita)

[Present status of roentgen diagnosis of peptic ulcer (Lecture 1)] Antonovich VB. **Vestn Rentgenol Radiol** 1984 Nov–Dec;(6):69–74 (66 ref.) (Rus)

[Potentialities of roentgenological examinations in detecting penetrating duodenal ulcers] Kim KhG, et al. **Vestn Rentgenol Radiol** 1985 Jan–Feb;(1):61–6 (Eng. Abstr.) (Rus)

RADIONUCLIDE IMAGING

Perforated duodenal ulcer demonstrated by biliary imaging. Brown DW, et al. **Clin Nucl Med** 1985 Jul;10(7):515

SURGERY

Reduction in symptoms after proximal selective vagotomy through increased dietary viscosity. Harju E, et al. **Am J Gastroenterol** 1984 Nov;79(11):861–3

Prospective, randomized trial of selective vagotomy with pyloroplasty and selective proximal vagotomy with and without pyloroplasty in the treatment of duodenal, pyloric, and prepyloric ulcers. Emås S, et al. **Am J Surg** 1985 Feb; 149(2):236–43

Recurrence after parietal cell vagotomy for peptic ulcer disease. Graffner HO, et al. **Am J Surg** 1985 Sep; 150(3):336–40

Dysphagia and lower esophageal sphincter abnormalities after proximal gastric vagotomy. Guelrud M, et al. **Am J Surg** 1985 Feb;149(2):232–5

Gallstone disease following antrectomy and gastroduodenostomy with or without vagotomy. Rehnberg O, et al. **Ann Surg** 1985 Mar;201(3):315–8

Resection of terminal vagal branches to parietal cell mass in the treatment of duodenal ulcer. Sun JM, et al. **Ann Surg** 1984 Nov;200(5):587–9

Truncal vagotomy and drainage: a comparison of elective and emergency operations. Clark CG, et al. **Br J Surg** 1985 Feb;72(2):149–51

Lesser curve disconnection using a stapling device: highly selective vagotomy made quicker and easier. Hooper TL, et al. **Br J Surg** 1985 Mar;72(3):175–6

The four to eight year results of the Sheffield trial of elective duodenal ulcer surgery—highly selective or truncal vagotomy? Stoddard CJ, et al. **Br J Surg** 1984 Oct; 71(10):779–82

Proximal gastric vagotomy in patients resistant to cimetidine. Weaver RM, et al. **Br J Surg** 1985 Mar;72(3):177–8

Vitamin D deficiency after vagotomy. Fonseca V, et al. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1946

Modified highly selective vagotomy. Eight year's follow-up of 100 cases. Zheng YJ, et al. **Chin Med J [Engl]** 1984 May;97(5):357–60

Effect of Billroth II operation on the intestinal interdigestive motor activity. Bortolotti M, et al. **Digestion** 1985; 31(4):194–9

Ulcer surgery in 725 patients in Ethiopia. Makuria T. **Ethiop Med J** 1985 Apr;23(2):75–9

Behavior of somatostatin-immunoreactive cells in the gastric mucosa before and after selective proximal vagotomy and pyloroplasty in treatment of gastric and duodenal ulcers. Holle GE, et al. **Gastroenterology** 1985 Oct;89(4):736–45

Spontaneous rupture of the stomach: a rare complication of Nissen's fundoplication. Kurgan A, et al. **Int Surg** 1984 Oct–Dec;69(4):357–9

Simple closure for perforated duodenal ulcer—long term results. Connolly AM, et al. **Ir Med J** 1985 May;78(5):125–7

The role of surgery in the modern treatment of peptic ulcer disease. Speranza V, et al. **Ital J Surg Sci** 1984;14(4):345–9

Concomitant choledochoduodenal and gastrojejunocolic fistulae in duodenal ulcer. Kakar A, et al. **J Indian Med Assoc** 1984 Oct;82(10):376–8

Predictive values of gastric acid tests before and after truncal vagotomy and gastrojejunostomy. Irving AD, et al. **J R Coll Surg Edinb** 1985 Feb;30(1):21–5

Anterior hemipylorectomy. A method of pyloroplasty. Zakaria MA. **J R Coll Surg Edinb** 1984 Nov;29(6):367–9

Failure of proximal gastric vagotomy for duodenal ulcer resistant to cimetidene [letter] Knigge U, et al. **Lancet** 1984 Oct 13;2(8407):878

Cimetidine and ulcer surgery. Some results for Queensland men and women by ulcer type. Doessel DP, et al. **Med J Aust** 1985 Jul 8;143(1):16–9

Anterior seromyotomy and posterior truncal vagotomy—technique and early results of a randomized trial. Oostvogel HJ, et al. **Neth J Surg** 1985 Jun;37(3):69–74

Experience with highly selective vagotomy in private practice. van den Berg, et al. **S Afr J Surg** 1984 Nov–Dec; 22(4):255–9

Surgery for the complications of peptic ulceration in urban black patients. Mayor-Davies JA, et al. **S Afr Med J** 1985 Apr 6;67(14):545–7

Prognostic factors in surgery for duodenal ulcer. Wittebol P, et al. **Surg Annu** 1985;17:235–47

Proximal gastric vagotomy versus selective vagotomy with antrectomy: results of a prospective, randomized clinical trial after four to twelve years. Donahue PE, et al. **Surgery** 1984 Oct;96(4):585–91

Proximal gastric vagotomy and pyloroplasty for duodenal ulcer with pyloric stenosis: a thirteen-year experience. Lunde OC, et al. **World J Surg** 1985 Feb;9(1):165–70

[Clinical results after highly selective vagotomy for duodenal ulcer] **Chung Hua Wai Ko Tsa Chih** 1984 Jul;22(7):386–8, 444 (Eng. Abstr.) (Chi)

[Preliminary results of highly selective vagotomy in the treatment of duodenal ulcer] Liu YZ. **Chung Hua Wai Ko Tsa Chih** 1984 Oct;22(10):608–9, 638 (Eng. Abstr.) (Chi)

[Improved highly selective vagotomy: clinical results of 100 cases] Zheng YJ. **Chung Hua Wai Ko Tsa Chih** 1984 Oct; 22(10):606–7, 638 (Eng. Abstr.) (Chi)

[Vagotomy for the treatment of duodenal ulcer] Zou ZS. **Chung Hua Wai Ko Tsa Chih** 1984 Jul;22(7):389–92, 444 (Eng. Abstr.) (Chi)

[The surgical treatment of uncomplicated gastroduodenal ulcer] De Graef J. **Acta Gastroenterol Belg** 1984 Nov–Dec; 47(6):590–4 (Fre)

[Supraselective vagotomy for the treatment of perforated pyloroduodenal ulcers] Devis A, et al. **Acta Gastroenterol Belg** 1984 Nov–Dec;47(6):595–602 (Eng. Abstr.) (Fre)

[Superselective vagotomy in the treatment of chronic duodenal ulcers. Evaluation of 214 cases] Weerts JM, et al. **Acta Gastroenterol Belg** 1984 Jul–Aug;47(4):387–95 (Eng. Abstr.) (Fre)

[Ulcer recurrence after fundus vagotomy for duodenal ulcer. Incidence. Epidemiology] Rongère C, et al. **Ann Chir** 1985 May;39(4):233–42 (Eng. Abstr.) (Fre)

[Cimetidine and ulcer stenosis (letter)] Carditello A, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):189–90 (Fre)

[Effect of fundus vagotomy on the gastric emptying of the solids and liquids of a meal in patients with and without postoperative duodenal ulcer recurrence] Jian R, et al. **Gastroenterol Clin Biol** 1985 Jun–Jul;9(6–7):486–90 (Eng. Abstr.) (Fre)

[Results of hyperselective vagotomy in the treatment of duodenal ulcer resistant to medical treatment] Younes AB, et al. **Tunis Med** 1983 Jul–Aug;61(4):277–81 (Eng. Abstr.) (Fre)

[Gastric stump cancer] Bretzke G, et al. **Z Gesamte Inn Med** 1985 Apr 1;40(7):198–201 (Eng. Abstr.) (Ger)

[Critical position on indications for selective proximal vagotomy without drainage] Mokros W, et al. **Z Gesamte Inn Med** 1985 Feb 15;40(4):105–7 (Eng. Abstr.) (Ger)

[In-vitro induced histamine liberation from mucous membrane of the stomach and duodenum before and following vagotomy] Baenkler HW, et al. **Zentralbl Chir** 1985;110(5):296–300 (Eng. Abstr.) (Ger)

[Revision operations following vagotomy] Reisig J, et al. **Zentralbl Chir** 1985;110(9):505–23 (Eng. Abstr.) (Ger)

[Selective proximal vagotomy in stenosing and penetrating duodenal ulcer] Vinz H, et al. **Zentralbl Chir** 1985; 110(5):271–83 (Eng. Abstr.) (Ger)

[Unusual severe hemorrhagic complication of the duodenal stump in the 3d month after gastric resection] Benkö Kónya J, et al. **Orv Hetil** 1985 Jun 30;126(26):1601–2 (Eng. Abstr.) (Hun)

[Jejunal perforation caused by non-absorbable suture material. Findings on a clinical case] Balli C, et al. **Minerva Chir** 1985 Jan 15–31;40(1–2):55–61 (Eng. Abstr.) (Ita)

[Critical evaluation of the simple suture in the treatment of perforated duodenal ulcer. Case contribution] Piccinini E, et al. **Minerva Chir** 1984 Apr 30;39(8):601–6 (Eng. Abstr.) (Ita)

[Choice of operation for patients with duodenal ulcers, based on gastric acid secretion patterns measured by a pH-meter] Sonoda H. **Igaku Kenkyu** 1984 Mar;54(2):165-85 (Eng. Abstr.) **(Jpn)**

[Vagotomy for the treatment of peptic ulcer—from the beginning to the present] Muto T. **Nippon Geka Gakkai Zasshi** 1985 Jan;86(1):1-7 **(Jpn)**

[Proximal gastric vagotomy in the treatment of duodenal ulcer; its evaluation in the light of a 10-year prospective study] Popiela T, et al. **Pol Arch Med Wewn** 1984 Jul-Aug; 72(1-2):45-53 (Eng. Abstr.) **(Pol)**

[Gastric acid secretion after proximal gastric vagotomy. Comparative study] Ziliotto Júnior A, et al. **AMB** 1984 Sep-Oct;30(9-10):200-3 (Eng. Abstr.) **(Por)**

[Biliary and biliopancreatic lesions in the course of gastroduodenectomies for duodenal ulcer] Buşu I, et al. **Rev Chir [Chir]** 1985 Mar-Apr;34(2):133-40 (Eng. Abstr.) **(Rum)**

['Bypass' gastric resection for peptic ulcer] Aleksandrovich GL, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):3-6 (Eng. Abstr.) **(Rus)**

[Invagination into Braun's anastomosis] Arbobov MK, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):126-7 **(Rus)**

[Complications in the immediate period following surgical procedures for peptic ulcer of the stomach and esophagus] Bytka PF, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):104-8 **(Rus)**

[Ulcer recurrence after selective proximal vagotomy (review of the literature)] Cherniavskii AA, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):143-5 (25 ref.) **(Rus)**

[Surgical treatment of peptic ulcer in late middle-aged and elderly patients] Grinberg AA, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):31-5 (Eng. Abstr.) **(Rus)**

[Atropine test. Possibilities for a differential approach to the interpretation of long-term results of vagotomy in peptic ulcer of the duodenum] Khnokh LI, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):27-9 (Eng. Abstr.) **(Rus)**

[Intragastric proteolysis and parietal digestion after different methods of surgical treatment of peptic ulcer] Klimenko GA, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):46-8 (Eng. Abstr.) **(Rus)**

[Regional blood flow in the gastric mucosa before and after resection for peptic ulcer] Komorovskii IuT, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):42-6 (Eng. Abstr.) **(Rus)**

[Surgical treatment of bleeding duodenal ulcers in late middle-aged patients] Mikuliak VG, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):85-7 (Eng. Abstr.) **(Rus)**

[Prediction of the efficacy of vagotomy in the surgical treatment of duodenal ulcer] Nechai AI, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):6-11 (Eng. Abstr.) **(Rus)**

[Effect of selective proximal vagotomy on the function of the physiologic cardia] Pomelov VS, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):25-31 (Eng. Abstr.) **(Rus)**

[Penetrating gastroduodenal ulcers] Spynu AV. **Khirurgiia (Mosk)** 1984 Sep;(9):78-81 (Eng. Abstr.) **(Rus)**

[Indications for surgery and surgical tactics in peptic ulcer of the stomach and duodenum] Telia AV. **Khirurgiia (Mosk)** 1984 Sep;(9):21-5 (Eng. Abstr.) **(Rus)**

[Cancer of the gastric stump after resection for peptic ulcer] Utkin VV, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):13-5 (Eng. Abstr.) **(Rus)**

[Surgical treatment of peptic ulcer of the duodenum] Velichenko VM, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):81-5 (Eng. Abstr.) **(Rus)**

[Features of the clinical course and surgical treatment of peptic ulcer of the stomach and duodenum in late middle-aged and elderly persons (review of the literature)] Viliavin GD, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):145-8 (63 ref.) **(Rus)**

[Various complications of vagotomy] Vitebskii IaD, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):96-8 **(Rus)**

[Surgical treatment of gastrointestinal fistulae] Vitebskii IaD, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):45-9 (Eng. Abstr.) **(Rus)**

[Distensible pyloroduodenoplasty in the surgical treatment of bleeding and stenosing duodenal ulcers] Zaitsev VT, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):34-7 (Eng. Abstr.) **(Rus)**

[Prevention of postoperative lung complications in elderly patients after the surgical treatment of gastric and duodenal peptic ulcer] Chernobrovyi NP, et al. **Klin Khir** 1984 Aug;(8):55-7 (Eng. Abstr.) **(Rus)**

[Surgical treatment of peptic pyloroduodenal stenosis in the middle-aged and elderly] Ibadov IIu, et al. **Klin Khir** 1984 Aug;(8):52-5 (Eng. Abstr.) **(Rus)**

[Diagnostic characteristics of peptic and recurrent ulcers after vagotomy] Shevchenko BF, et al. **Klin Khir** 1984 Aug;(8):60-2 (Eng. Abstr.) **(Rus)**

[Immediate and late results of selective proximal vagotomy with different types of stomach-draining operations in treating pyloroduodenal ulcers] Shevchuk MG, et al. **Klin Khir** 1985 Mar;(3):28-31 (Eng. Abstr.) **(Rus)**

[Results of organ-sparing procedures in hemorrhaging duodenal ulcer compared with resection technics] Veligotskii NN. **Klin Khir** 1984 Oct;(10):25-8 (Eng. Abstr.) **(Rus)**

[Early complications after gastric resection and organ-sparing surgery in gastroduodenal ulcer] Viliavin GD, et al. **Klin Khir** 1984 Oct;(10):50-2 (Eng. Abstr.) **(Rus)**

[Syndrome of digestive and absorptive insufficiency after the surgical treatment of duodenal peptic ulcer] Voronich MV. **Klin Khir** 1984 Nov;(11):65-6 **(Rus)**

[Late results of surgical treatment of duodenal ulcer associated with chronic duodenal obstruction] Nikitina MV. **Sov Med** 1985;(2):104-7 **(Rus)**

[Role of health resort treatment of duodenal ulcer after selective proximal vagotomy] Viliavin GD, et al. **Sov Med** 1984;(7):72-5 **(Rus)**

[Treatment of gastric and duodenal ulcers during endoscopy] Sotnikov VN. **Ter Arkh** 1985;57(2):49-52 (Eng. Abstr.) **(Rus)**

[Motor-emptying function of the stomach at different periods after truncal vagotomy with antrumectomy in complicated duodenal ulcer] Khachiev LG, et al. **Vestn Khir** 1985 May; 134(5):44-8 (Eng. Abstr.) **(Rus)**

[Fibrogastroduodenoscopy in the evaluation of instrumental pyloric dilatation in proximal selective vagotomy] Maistrenko NA. **Vestn Khir** 1985 Mar;134(3):29-31 (Eng. Abstr.) **(Rus)**

[Excision of duodenal ulcer after resection of the stomach 'for exclusion'] Mitiuk II, et al. **Vestn Khir** 1985 Jan; 134(1):74-5 **(Rus)**

[Results of truncal vagotomy in duodenal ulcer 10 years or more after the operation] Nechai AI, et al. **Vestn Khir** 1985 Mar;134(3):17-24 (Eng. Abstr.) **(Rus)**

[Duodenal ulcer in young persons] Nechai AI, et al. **Vestn Khir** 1985 May;134(5):147-51 (73 ref.) **(Rus)**

[Histamine and the acid-secreting function of the stomach in patients with duodenal ulcer after organ-sparing operations] Velichenko VM, et al. **Vestn Khir** 1984 Aug; 133(8):26-9 (Eng. Abstr.) **(Rus)**

[Analysis of the results of organ-preserving operations in duodenal ulcer] Zakharova GN, et al. **Vestn Khir** 1985 Apr; 134(4):22-6 (Eng. Abstr.) **(Rus)**

[Prevention of suture dehiscence of the duodenal stump in gastric resection for pyloroduodenal ulcers] Zemlianoi AG, et al. **Vestn Khir** 1985 Apr;134(4):26-32 (Eng. Abstr.) **(Rus)**

[Vagotomy in the treatment of duodenal ulcer] Korzh VN, et al. **Voen Med Zh** 1985 Feb;(2):67 **(Rus)**

[Gastric cancer after vagotomy and drainage for peptic ulcer] de Miguel J. **Rev Esp Enferm Apar Dig** 1985 May; 67(5):401-4 (Eng. Abstr.) **(Spa)**

[Duodenal peptic ulcer. Surgical treatment] Dib Kuri A, et al. **Rev Gastroenterol Mex** 1984 Jul-Sep;49(3):185-95 (Eng. Abstr.) **(Spa)**

THERAPY

Approaches to the long-term treatment of duodenal ulcer disease. Van Deventer GM. **Am J Med** 1984 Nov 19; 77(5B):15-22

Comparison of different strategies for treatment of duodenal ulcer. Sonnenberg A. **Br Med J [Clin Res]** 1985 Apr 20; 290(6476):1185-7

Morphology and function of the parietal cells after proximal selective vagotomy in duodenal ulcer patients. Äärimaa M, et al. **Scand J Gastroenterol** 1984 Sep;19(6):787-97

Parietal cell vagotomy or cimetidine maintenance therapy for duodenal ulcer? A prospective controlled trial. Harling H, et al. **Scand J Gastroenterol** 1985 Aug;20(6):747-50

Prevention of ulcer recurrence—medical vs surgical treatment. The surgeon's view. Andersen D. **Scand J Gastroenterol [Suppl]** 1985;110:89-92

Prevention of ulcer recurrence—medical vs surgical treatment. The physician's view. Walan A, et al. **Scand J Gastroenterol [Suppl]** 1985;110:83-8

[Treatment of perforated duodenal ulcers] Huguier M, et al. **Ann Chir** 1984 Sep;38(6):395-8 (Eng. Abstr.) **(Fre)**

[Ulcer therapy without acid inhibition (letter)] Benyon JS. **Dtsch Med Wochenschr** 1985 Sep 27;110(39):1513 **(Ger)**

[Indications and results of health resort treatment in ulcer disease and in states following stomach resection for peptic ulcer] Bénda J. **Z Arztl Fortbild (Jena)** 1985;79(8):343-6 **(Ger)**

[Ulcus pepticum ventriculi et duodeni—medicamentous recurrence prevention versus operation. The internist—surgical controversy] Feurle GE, et al. **Z Gastroenterol [Verh]** 1985 Apr;20:22-7 **(Ger)**

[Roentgen-morphological changes in the stomach and superselective vagotomy (letter)] **Orv Hetil** 1984 Dec 30; 125(53):3273-4 **(Hun)**

[Early experience with superselective vagotomy in the management of duodenal ulcer] Balás B, et al. **Orv Hetil** 1984 Sep 9;125(37):2231-6 (Eng. Abstr.) **(Hun)**

[Possibilities of the surgical management of duodenal ulcer hemorrhage and perforation with special reference to selective proximal vagotomy] Ihász M, et al. **Orv Hetil** 1984 Sep 16;125(38):2295-302 (Eng. Abstr.) **(Hun)**

[Changes in gastric juice secretion in the 1st year after proximal selective vagotomy] Kisfalvi I, et al. **Orv Hetil** 1985 Feb 3;126(5):259-63 (Eng. Abstr.) **(Hun)**

[Truncal vagotomy and cholelithiasis] Colombo F, et al. **Chir Ital** 1982 Dec;34(6):980-3 (Eng. Abstr.) **(Ita)**

[Therapy of the late sequelae of vagotomy in our experience] Marinaccio F, et al. **Minerva Chir** 1984 Jul 15-31; 39(13-14):995-1002 (Eng. Abstr.) **(Ita)**

[Changes in the surgical directions in the treatment of gastric and duodenal ulcers] Pietri P, et al. **Minerva Chir** 1985 Jan 15-31;40(1-2):33-44 (63 ref.) (Eng. Abstr.) **(Ita)**

[Treatment protocol for duodenal ulcers. Outlines of indications for surgery] Cavanenghi D, et al. **Minerva Med** 1984 Oct 27;75(41):2455-7 (Eng. Abstr.) **(Ita)**

[Comparative evaluation of methods of treating peptic ulcer] Zelentsovskii EB. **Khirurgiia (Mosk)** 1984 Sep;(9):17-21 (Eng. Abstr.) **(Rus)**

[Reflexotherapy in duodenal ulcer] Markelova VF, et al. **Sov Med** 1984;(9):13-7 (Eng. Abstr.) **(Rus)**

[Changes in serotonin metabolism in patients with duodenal ulcer during treatment under conditions of high altitude hypoxia] Asatrian AB, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov-Dec; (6):20-2 (Eng. Abstr.) **(Rus)**

[Effects of mud application on the speed of evacuation of food from the stomach in patients with duodenal ulcer] Saakian AG, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov-Dec; (6):17-20 (Eng. Abstr.) **(Rus)**

[Treatment of patients with ischemic heart disease and concomitant duodenal ulcer at the Dzhermuk health resort] Topchian ZhS, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov-Dec; (6):44-5 **(Rus)**

[Effects of mud applications of diverse localization on the functional and morphological state of the gastroduodenal region and endocrine regulation in patients with duodenal ulcer] Vygodner EB, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov-Dec; (6):7-14 (Eng. Abstr.) **(Rus)**

[Mechanism of the therapeutic effect of physiotherapeutic factors in duodenal ulcer] Zolotovitskaia AE, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar-Apr; (2):31-4 (Eng. Abstr.) **(Rus)**

[Effectiveness of using biosed in the combined therapy of patients with pulmonary tuberculosis and gastric and duodenal peptic ulcer] German AK. **Vrach Delo** 1984 Nov; (11):104-7 (Eng. Abstr.) **(Rus)**

[Local treatment of stomach and duodenal ulcers] Tolman DV, et al. **Vrach Delo** 1984 Sep;(9):13-7 (Eng. Abstr.) **(Rus)**

[Proximal gastric vagotomy and gastric ulcer] de Miguel J. **Rev Esp Enferm Apar Dig** 1984 Aug;66(2):125-8 (Eng. Abstr.) **(Spa)**

[Psychotherapy in irritable colon and duodenal ulcer—an effective complement to drug therapy] Sjödin I, et al. **Lakartidningen** 1984 Oct 17;81(42):3813, 3816-8 **(Swe)**

URINE

[Various characteristics of the urinary excretion of glycosaminoglycans in patients with peptic ulcer, chronic duodenal ulcer and in their relatives] Rabinovich PD, et al. **Ter Arkh** 1985;57(2):28-30 (Eng. Abstr.) **(Rus)**

DUODENITIS

BLOOD

[Importance of determining gastrin, corticotropin and somatotropin in chronic gastroduodenitis in children] Komarova LG, et al. **Pediatriia** 1985 Jun;(6):20-2 (Eng. Abstr.) **(Rus)**

[Characteristics of hormonal changes in patients with primary gastroduodenitis and duodenal ulcer] Deineko NF, et al. **Vrach Delo** 1985 Jun;(6):48-51 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

Methyl prednisolone infusion in rheumatoid arthritis [letter] Kirk AP, et al. **Br J Rheumatol** 1985 Feb;24(1):119

COMPLICATIONS

Duodenitis and ulcer healing [letter] **Lancet** 1985 Aug 17; 2(8451):394-5

[A case of idiopathic ulcerative duodenojejunitis with good clinical health] Filali A, et al. **Tunis Med** 1985 Feb; 63(2):93-7 (Eng. Abstr.) **(Fre)**

[Follow-up in erosive hemorrhagic duodenum. Evaluation of the risk of duodenal ulcer] Bongiorno A, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):131-3 (Eng. Abstr.) **(Ita)**

[Factors in the progression of gastric and duodenal diseases in children] Baranov AA, et al. **Pediatriia** 1984 Jul;(7):9-12 (Eng. Abstr.) **(Rus)**

[Relation between changes in gastric secretion and serotonin concentration in gastric juice in patients with chronic gastroduodenitis complicating tuberculous toxicosis] Shestakova VN. **Pediatriia** 1984 Oct;(10):65-6 **(Rus)**

[Duodenitis and bleeding of the upper digestive tract in children with giardiasis] Larrosa-Haro A, et al. **Bol Med Hosp Infant Mex** 1984 Dec;41(12):674-6 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Comparison of endoscopic and histological features of duodenitis. Naik SR, et al. **Indian J Gastroenterol** 1985 Jul; 4(3):149-51

[Nonspecific chronic duodenitis] Radzikowski A. **Pediatr Pol** 1984 Aug;59(8):671-8 **(Pol)**

[Determination of proteolytic activity and chromogastroscopy in the diagnosis of pre-ulcer states in children] Pletneva NB, et al. **Pediatriia** 1984 Sep;(9):41-3 **(Rus)**

[Morphometry of the gastric and duodenal mucosa in the diagnosis of chronic gastroduodenitis in children] Zhdanova TF, et al. **Pediatriia** 1985 Jun;(6):17-20 (Eng. Abstr.) (Rus)

[Tuberculosis of the stomach and duodenum] Ponomarev AA, et al. **Sov Med** 1984;(10):49-53 (59 ref.) (Rus)

[Crohn disease—combined lesions of the duodenum and small intestine] Rapoport SI, et al. **Ter Arkh** 1985;57(2):83-4 (Rus)

[Anastomosis ligatures simulating recurrence of peptic ulcer] Benedikt VV. **Vrach Delo** 1985 Jun;(6):51-3 (Eng. Abstr.) (Rus)

DIET THERAPY

[Effect of a 'green' diet on various clinical and metabolic indicators in patients with gastrointestinal diseases] Skuia NA, et al. **Vopr Pitan** 1984 Nov-Dec;(6):22-6 (Eng. Abstr.) (Rus)

DRUG THERAPY

Outcome of ulcer-associated duodenitis after short-term medical treatment. Paoluzi P, et al. **Dig Dis Sci** 1985 Jul; 30(7):624-9

Duodenitis and ulcer relapse [letter] Lee FI. **Lancet** 1985 Aug 3;2(8449):277

Duodenitis and ulcer relapse [letter] Prichard PJ, et al. **Lancet** 1985 Jul 13;2(8446):102

Pirenzepine in erosive duodenitis. A controlled clinical trial versus ranitidine. Guslandi M, et al. **Scand J Gastroenterol** 1985 Aug;20(6):751-5

[Pirenzepin in the treatment of toxic gastroduodenitis in chronic alcoholics] Giaccari S, et al. **Clin Ter** 1984 Jun 15;109(5):441-9 (Eng. Abstr.) (Ita)

[Evaluation of the symptomatic clinical efficacy of ranitidine in benign gastroduodenal pathology] Rizzi B, et al. **Clin Ter** 1985 Jun 30;113(6):447-55 (Eng. Abstr.) (Ita)

[Effect of decamethoxine on the bile acid content of the blood and bile in patients with chronic gastritis and duodenitis associated with biliary tract disease] Vladkovskii IK, et al. **Vrach Delo** 1985 May;(5):20-3 (Eng. Abstr.) (Rus)

ENZYMOLOGY

[SDH activity in biopsy specimens of gastric mucosa and lymphocytes of children with chronic gastroduodenitis] Suslova GF, et al. **Pediatriia** 1984 Jul;(7):20-2 (Eng. Abstr.) (Rus)

ETIOLOGY

Is duodenitis always a peptic disease? Cheli R. **Am J Gastroenterol** 1985 Jun;80(6):442-4

[Endoscopy findings in gastroduodenal pathology in a group of welders] Gennari P, et al. **G Ital Med Lav** 1983 Sep; 5(5):203-6 (Eng. Abstr.) (Ita)

[Phlegmon of the duodenum as a complication of an ulcer perforating into the head of the pancreas] Chislovskii VK, et al. **Klin Khir** 1984 Nov;(11):63 (Rus)

[Nonspecific protection factors in the pathogenesis of chronic gastroduodenitis in children] Kulik NN, et al. **Pediatriia** 1985 Jun;(6):12-4 (Eng. Abstr.) (Rus)

[Relation between peptic ulcer and gastroduodenitis in chronic tonsillitis] Zavadiak MI, et al. **Vrach Delo** 1985 Jan;(1):9-12 (Eng. Abstr.) (Rus)

IMMUNOLOGY

[Lysozyme activity and immunoglobulin level in the duodenal contents of preschool children with chronic gastroduodenitis] Sazanova NE, et al. **Pediatriia** 1984 Jul; (7):17-20 (Eng. Abstr.) (Rus)

[Evaluation of Ig and muramidase (lysozyme) in unspecified chronic duodenitis (bulbitis)] Domenichini E, et al. **Acta Gastroenterol Latinoam** 1983;13(2):117-39 (Eng. Abstr.) (Spa)

METABOLISM

[Biogenic amines in gastroduodenal pathology in children] Mel'gunova IA, et al. **Pediatriia** 1985 Jun;(6):15-7 (Eng. Abstr.) (Rus)

[Peptic ulcer: clinico-endoscopic and biochemical aspects of the development and healing of the peptic defect] Murashov BF, et al. **Ter Arkh** 1985;57(2):40-3 (Eng. Abstr.) (Rus)

MICROBIOLOGY

[Intrajejunal bactericidal activity and jejunal microbial colonization in children with chronic gastroduodenitis] Volkov AI, et al. **Pediatriia** 1985 Jun;(6):23-4 (Eng. Abstr.) (Rus)

PATHOLOGY

Gastroduodenal inflammation in patients with non-ulcer dyspepsia. A controlled endoscopic and morphometric study. Toukan AU, et al. **Dig Dis Sci** 1985 Apr;30(4):313-20

Surface coat of enterocytes in chronic duodenitis. Czerniak B, et al. **Mater Med Pol** 1984 Jan-Mar;16(1):9-14

Surface coat of enterocytes in chronic duodenitis. Czerniak B, et al. **Mater Med Pol** 1984 Jan-Mar;16(1):9-14

Duodenitis. Venables CW. **Scand J Gastroenterol [Suppl]** 1985;109:91-101

[Phlegmon of the stomach, duodenum and gallbladder] Kulish AV. **Klin Khir** 1984 Nov;(11):62-3 (Rus)

[Content of PAS-positive substances in the gastric juice of patients with chronic gastritis, gastroduodenitis, stomach ulcer and duodenal ulcer] Enokhovich VA, et al. **Lab Delo** 1984;(12):723-5 (Eng. Abstr.) (Rus)

[Morphometric examination of gastric and duodenal mucosa in children with gastroduodenitis] Mazurin AV, et al. **Pediatriia** 1984 Jul;(7):12-4 (Eng. Abstr.) (Rus)

[Changes in the gastric and duodenal mucosa in experimental erosive ulcerative gastroduodenitis before and after selective proximal vagotomy] Kiseleva AF, et al. **Vrach Delo** 1985 May;(5):14-8 (Eng. Abstr.) (Rus)

PHYSIOPATHOLOGY

Does malabsorption occur in chronic atrophic duodenitis? Cheli R, et al. **Hepatogastroenterology** 1984 Dec; 31(6):272-3

[Intestinal absorption in children with gastric and duodenal diseases] Khamraev AKh, et al. **Pediatriia** 1984 Jul;(7):22-4 (Eng. Abstr.) (Rus)

[Radioisotope test of liver function in patients with gastroduodenitis and peptic ulcer] Peleshchuk AP, et al. **Vrach Delo** 1985 Apr;(4):78-81 (Eng. Abstr.) (Rus)

PREVENTION & CONTROL

Avoidance of gastroduodenal toxicity in patients receiving hepatic arterial 5-fluoro-2'-deoxyuridine. Hohn DC, et al. **J Clin Oncol** 1985 Sep;3(9):1257-60

THERAPY

[Results of the combined sanatorium treatment of children with chronic gastroduodenitis at Zheleznovodsk health resort] Zakomernyi AG, et al. **Pediatriia** 1985 Jun;(6):31-3 (Eng. Abstr.) (Rus)

DUODENOGASTRIC REFLUX

CHEMICALLY INDUCED

Effects of aspirin and prostaglandin E2 on interdigestive motility complex and duodenogastric reflux in man. Dooley CP, et al. **Dig Dis Sci** 1985 Jun;30(6):513-21

COMPLICATIONS

Sucralfate therapy in patients with symptoms of alkaline reflux gastritis. A randomized, double-blind study. Buch KL, et al. **Am J Med** 1985 Aug 30;79(2C):49-54

Spontaneous enterogastric reflux gastritis and esophagitis. Gowen GF. **Ann Surg** 1985 Feb;201(2):170-5

[Is there a correlation between duodenogastric reflux and gastric histology?] Barbier P, et al. **Acta Gastroenterol Belg** 1984 May-Jun;47(3):267-74 (Eng. Abstr.) (Fre)

[The surgical tactic in gastritis caused by alkaline reflux in the operated stomach] Rodolico A. **Minerva Chir** 1985 Apr 15;40(7):455-9 (Ita)

[Alkaline reflux in the upper digestive tract] Campos Campos SF, et al. **Rev Gastroenterol Mex** 1984 Jul-Sep;49(3):139-43 (Eng. Abstr.) (Spa)

DIAGNOSIS

[Duodenogastric reflux (letter)] Langhans P, et al. **Dtsch Med Wochenschr** 1984 Oct 19;109(42):1623-4 (Ger)

[Diagnosis and treatment of postresection reflux gastritis] Utkin VV, et al. **Vestn Khir** 1985 Apr;134(4):37-40 (Eng. Abstr.) (Rus)

[Significance of duodenogastric reflux in digestive diseases (a review of the literature)] Peleshchuk AP, et al. **Vrach Delo** 1984 Oct;(10):15-21 (65 ref.) (Rus)

ETIOLOGY

Gastroduodenal reflux of irrigating solution during percutaneous lithotripsy for intrahepatic cholelithiasis. Harris M, et al. **Anesthesiology** 1985 Feb;62(2):182-3

Gastritis, duodenogastric reflux and bacteriology of the gastric remnant in patients operated for peptic ulcer by Billroth I operation. Pääkkönen M, et al. **Ann Clin Res** 1985;17(1):32-6

The surgical factors influencing duodenogastric reflux. Brough WA, et al. **Br J Surg** 1984 Oct;71(10):770-3

High incidence of gastric reflux during hepatobiliary imaging in pancreatitis. Slavin JD, et al. **Clin Nucl Med** 1985 Jan; 10(1):5-6

[Reflux and stool frequency in the artificial feeding of traumatized intensive care patients] Hackl JM, et al. **Infusionsther Klin Ernahr** 1984 Dec;11(6):305-12 (Eng. Abstr.) (Ger)

[Enterogastric reflux following resected and nonresected stomach operations] Kutschka R, et al. **Zentralbl Chir** 1984; 109(18):1181-7 (Eng. Abstr.) (Ger)

[Alkaline reflux after gastric resection using the Billroth II method] Tinozzi S, et al. **Chir Ital** 1983 Dec;35(6):843-50 (Eng. Abstr.) (Ita)

METABOLISM

Effect of cimetidine on gastric secretion and duodenogastric reflux. Melville RJ, et al. **Gut** 1985 Aug;26(8):766-9

Gastric bile acid content and concentration in asymptomatic adults. Mannell A, et al. **S Afr Med J** 1984 Oct 6; 66(14):521-3

MICROBIOLOGY

[Microflora of the gastric contents in duodenogastric reflux patients] Saenko VF, et al. **Klin Khir** 1984 Aug;(8):34-6 (Eng. Abstr.) (Rus)

PATHOLOGY

[Influence of post-vagotomy duodenogastric reflux on gastric mucosal structure] Kamiaishi M. **Nippon Geka Gakkai Zasshi** 1985 Jun;86(6):686-96 (Eng. Abstr.) (Jpn)

PHYSIOPATHOLOGY

Postoperative reflux gastritis: pathophysiology and long-term outcome after Roux-en-Y diversion. Malagelada JR, et al. **Ann Intern Med** 1985 Aug;103(2):178-83

Abnormalities of interdigestive motility complex and increased duodenogastric reflux in gastric ulcer patients. Miranda M, et al. **Dig Dis Sci** 1985 Jan;30(1):16-21

Dissociation of duodenogastric marker reflux and bile salt reflux. Müller-Lissner SA, et al. **Dig Dis Sci** 1985 Aug; 30(8):733-8

Suppression of somatostatin release by duodenogastric reflux in dogs. Thomas WE, et al. **Gut** 1984 Nov;25(11):1230-3

[Duodenogastric reflux—a current evaluation] Schumpelick V. **Zentralbl Chir** 1985;110(5):257-70 (Eng. Abstr.) (Ger)

[Bioelectric activity of the stomach in duodenogastric reflux] Knapik Z, et al. **Wiad Lek** 1984 May 15;37(10):761-4 (Eng. Abstr.) (Pol)

[Value of chromoscopy in the evaluation of gastric and duodenal function] Timen LIa, et al. **Voen Med Zh** 1984 Dec;(12):53-4 (Rus)

[Regional blood flow, acid-forming and motor functions of the stomach in chronic reflux gastritis patients] Koval'chuk LA. **Vrach Delo** 1984 Sep;(9):28-32 (Eng. Abstr.) (Rus)

PREVENTION & CONTROL

Roux-en-Y jejunojejunostomy: a modified technic to prevent reflux. Zeng XJ. **Chin Med J [Engl]** 1984 Aug;97(8):551-6

[Ulcer risk of reflux-preventing reconstruction following stomach resection—an animal experiment study] Schumpelick V, et al. **Z Gastroenterol** 1984 Nov; 22(11):630-43 (Eng. Abstr.) (Ger)

RADIONUCLIDE IMAGING

New scintigraphic method for the quantitative measurement of enterogastric reflux. Svedberg JB, et al. **Scand J Gastroenterol** 1984 Oct;19(7):947-52

SURGERY

Alkaline reflux gastritis and the effect of biliary diversion on gastric emptying of solid food. Pellegrini CA, et al. **Am J Surg** 1985 Jul;150(1):166-71

Gastric carcinogenesis induced by N-methyl-N'-nitro-N-nitrosoguanidine: role of gastrectomy and duodenal reflux. Salmon RJ, et al. **Gann** 1985 Mar;76(3):167-72

Duodenogastric reflux quantification and the outcome of Roux-en-Y surgery in postgastrectomy gastritis. Hordijk ML, et al. **Neth J Med** 1985;28(1):12-6

THERAPY

[Pathology of reflux of the non-operated stomach. Current possibilities of surgical correction] Mattioli F, et al. **Minerva Chir** 1985 Apr 15;40(7):443-8 (Ita)

DUODENOSCOPY

Endoscopic excision of intraluminal duodenal diverticulum. Hiraoka T, et al. **Dig Dis Sci** 1985 Mar;30(3):274-81

Improved biliary decompression with large caliber endoscopic prostheses [letter] Cotton PB. **Gastrointest Endosc** 1984 Dec;30(6):377-8

Endoscopic diagnosis of pseudohemobilia resulting from a pancreaticoduodenal artery pseudoaneurysm. Ibrahim MA, et al. **Gastrointest Endosc** 1984 Dec;30(6):347-9

Routine endoscopy of the upper gastrointestinal tract in the evaluation of obstructive jaundice. Walsh DB, et al. **Surg Gynecol Obstet** 1985 Feb;160(2):142-4

[Indications for esophagogastroduodenoscopy in children and adolescents] Sedláčková M, et al. **Cesk Pediatr** 1984 Nov; 39(11):667-8 (Cze)

[Endoscopy in tumors of the Oddi region. Diagnostic and therapeutic possibilities] Seyrig JA, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):103-8 (Eng. Abstr.) (Fre)

[Endoscopic division of an obstructive intraluminal duodenal diverticulum] Bühler H, et al. **Dtsch Med Wochenschr** 1985 Apr 19;110(16):645-7 (Eng. Abstr.) (Ger)

[Simplified procedure for endoscopic administration of enteral feeding catheters] Emde C, et al. **Infusionsther Klin Ernahr** 1984 Dec;11(6):323-4 (Eng. Abstr.) (Ger)

[Esophagogastroduodenoscopy in ulcer disease] Bosseckert H. **Z Arztl Fortbild (Jena)** 1985;79(7):307-10 (Ger)

[Endoscopic treatment of 83 cases of post-cholecystectomy choledochal lithiasis] Delmont J, et al. **Minerva Chir** 1985

Apr 15;40(7):483-8 (Ita)

[Pyrosis in major diseases of the upper digestive tract. Computerized analysis of symptoms in 700 cases subjected to gastroduodenoscopy] Secchi GC, et al. **Minerva Med** 1984 Oct 20;75(40):2333-44 (Eng. Abstr.) (Ita)

[Diagnostic and therapeutic gastroduodenoscopy in acute pancreatitis] Shapoval'iants SG. **Khirurgiia (Mosk)** 1985 Jan;(1):55-8 (Eng. Abstr.) (Rus)

[Role of emergency endoscopy in determining treatment tactics for patients with acute gastroduodenal ulcer hemorrhage] Dotsenko AP, et al. **Klin Khir** 1985 Apr;(4):38-41 (Eng. Abstr.) (Rus)

[Endoscopic operations on patients with residual choledocholithiasis in the early postoperative period] Kotovskiĭ AE, et al. **Klin Khir** 1984 Sep;(9):7-9 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

Postendoscopy subconjunctival hemorrhage [letter] Pappas D, et al. **Gastrointest Endosc** 1984 Dec;30(6):375

[Electrocardiographic changes during esophagogastroduodenoscopy] Lombardi S, et al. **Minerva Cardioangiol** 1984 Sep;32(9):563-6 (Eng. Abstr.) (Ita)

METHODS

Endoscopy in the evaluation of dyspepsia. Health and Public Policy Committee, American College of Physicians. **Ann Intern Med** 1985 Feb;102(2):266-9 (56 ref.)

A new method of identifying tumors of the papilla of Vater. Gallenkamp H, et al. **Endoscopy** 1985 Jan;17(1):29-30

Two rare cases of endoscopic extraction of foreign bodies from the stomach and duodenum. Vantsian EN, et al. **Endoscopy** 1984 Nov;16(6):242-5

[Preparation for esophagogastroduodenoscopy and care of the patient after the examination] Sedláčková M, et al. **Cesk Pediatr** 1984 Dec;39(12):736-8 (Cze)

[Gastroenterological endoscopy with staining] Tanaka M, et al. **Nippon Rinsho** 1984 Oct;42(10):2206-10 (Jpn)

VETERINARY

Fiberoptic gastroduodenoscopy in the horse. Brown CM, et al. **J Am Vet Med Assoc** 1985 May 1;186(9):965-8

DUODENUM

Heterotopic gastric mucosa: a case report. Kundrotas LW, et al. **Am J Gastroenterol** 1985 Apr;80(4):253-6

Effects of E, F, and I series prostaglandins and analogues on growth of gastroduodenal mucosa and pancreas. Dembinski A, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):G170-5

Fluorometric microassay of trypsin and enteropeptidase in children—comparison with a titrimetic assay. Mitchell JD, et al. **Aust Paediatr J** 1984 Nov;20(4):313-6

Cannibalization of a Gore-tex aortohepatic graft by the duodenum [letter] Cotton LT. **Br J Surg** 1985 Jun;72(6):499

Effect of caerulein on total and ionized calcium secretion in the duodenal juice of man. Pfeiffer A, et al. **Digestion** 1984;30(4):242-50

Two rare cases of endoscopic extraction of foreign bodies from the stomach and duodenum. Vantsian EN, et al. **Endoscopy** 1984 Nov;16(6):242-5

Duodenal aspiration via flexible endoscope for diagnosis of giardiasis in a dog. Roudebush P, et al. **J Am Vet Med Assoc** 1985 Jul 15;187(2):162-3

Influence of intraduodenal glucose on meal size and its modification by 2-deoxy-D-glucose or vagotomy in hungry pigs. Stephens DB. **Q J Exp Physiol** 1985 Jan;70(1):129-35

Fiberendoscopic removal of foreign bodies of the upper part of the gastrointestinal tract. Ricote GC, et al. **Surg Gynecol Obstet** 1985 Jun;160(6):499-504

Experimental intestinal obstruction in cattle. Part I: Changes in the clinical picture. Papadopoulos P, et al. **Zentralbl Veterinarmed** [A] 1985 Apr;32(4):264-75

Experimental intestinal obstruction in cattle. Part II: Changes in blood, urine and rumen content chemistry. Papadopoulos P, et al. **Zentralbl Veterinarmed** [A] 1985 Apr;32(4):276-88

[3 cases of foreign bodies removed from the stomach and duodenum with the Olympus GIF-K fiberscope] Koba S, et al. **Wiad Lek** 1984 Oct 15;37(20):1631-4 (Eng. Abstr.) (Pol)

[Roentgenographic study of glycoproteins isolated from the duodenal juice of dogs] Vazina AA, et al. **Dokl Akad Nauk SSSR** 1985;281(4):975-8 (Rus)

[X-ray diffraction study of the floccular structures in the endogenous dense phase of chyme] Vazina AA, et al. **Dokl Akad Nauk SSSR** 1984;278(5):1240-2 (Rus)

[Indications for duodenal intubation in acute and chronic cholecystitis patients] Gredzhev AF, et al. **Klin Khir** 1984 Sep;(9):49-51 (Eng. Abstr.) (Rus)

[Tube for intracavitary thermometry and decompression of the duodenum] Kolesnikov EB, et al. **Klin Khir** 1985 Feb;(2):61 (Rus)

[A method of endoscopic removal of foreign bodies from the esophagus, stomach and duodenum] Sotnikov VN. **Vestn Khir** 1985 Mar;134(3):110-3 (Rus)

[Adenoma of Brunner's glands. Clinical case] Marcos Sánchez F, et al. **Rev Clin Esp** 1984 Aug 15-31;174(3-4):121-2 (Spa)

[Migration to the duodenum of a prosthesis used for a mesenterico-caval shunt] del Rey Sanz R, et al. **Rev Esp Enferm Apar Dig** 1985 Jun;67(6):557-60 (Eng. Abstr.) (Spa)

ABNORMALITIES

Chronic recurrent abdominal pain in childhood due to mesenterium ileocolicum commune. Two cases with normal rotation of the intestine. Knudtzon J, et al. **Acta Chir Scand** 1985;151(3):291-5

Infarction of a duodenal duplication cyst. Fan ST, et al. **Am J Gastroenterol** 1985 May;80(5):337-9

Thoracoabdominal duplication. Giacoia GP. **Am J Perinatol** 1984 Jul;1(4):349-50

Congenital duodenal diaphragm in an adult—a cause of duodenal obstruction. O'Malley VP, et al. **Br J Clin Pract** 1985 Jan;39(1):37

Endoscopic laser treatment of a congenital duodenal diaphragm in an adult. Gertsch P, et al. **Gastrointest Endosc** 1984 Aug;30(4):253-4

Esophageal and duodenal atresia with preduodenal common bile duct and portal vein in a newborn. Patti G, et al. **J Pediatr Surg** 1985 Apr;20(2):167-8

A duodenal duplication cyst communicated with an accessory pancreatic duct. Shimada H, et al. **Jpn J Surg** 1984 Jul;14(4):320-6

Surgical management of duodenal duplication cyst simulating pyloric stenosis. Pober JM, et al. **Mt Sinai J Med (NY)** 1984 Dec;51(6):702-4

Extrinsic duodenal obstruction by congenital bands in an adult patient. Górnacz GE, et al. **Postgrad Med J** 1985 Jan;61(711):71-2

[Duodenal duplications in adults. Apropos of 3 cases] Benhamou G, et al. **J Chir (Paris)** 1984 Jun-Jul;121(6-7):451-6 (Eng. Abstr.) (Fre)

[Membranous duodenal stenosis in a newborn infant. A case with preoperative roentgen diagnosis] Schandalik R. **Wien Med Wochenschr** 1985 Mar 15;135(5):119-21 (Eng. Abstr.) (Ger)

[A case of duodenal duplication in the adult] Orcalli F, et al. **Chir Ital** 1985 Apr;37(2):148-56 (Eng. Abstr.) (Ita)

[Incomplete embryonal torsion of the intestines in adults] Livshits IuG, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):127-8 (Rus)

[Separate drainage of the common bile duct and main pancreatic duct into a duodenal diverticulum] Prusov AL, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):138-9 (Rus)

ANALYSIS

Inhibition of pancreatic exocrine secretion and bile entry into the duodenum by isometheptene, a sympathomimetic agent. Gullo L, et al. **Dig Dis Sci** 1985 Feb;30(2):114-8

Presence of growth hormone-releasing factor-like immunoreactivity in rat duodenum. Bruhn TO, et al. **Endocrinology** 1985 Oct;117(4):1710-2

Membrane-associated vitamin D-induced calcium-binding protein (CaBP): quantification by a radioimmunoassay and evidence for a specific CaBP in purified intestinal brush borders. Shimura F, et al. **Endocrinology** 1984 Nov;115(5):1964-72

Ultrastructural localization of secretin in endocrine cells of the dog duodenum by the immunogold technique. Comparison with ultrastructurally characterized S cells of various mammals. Usellini L, et al. **Histochemistry** 1984;80(5):435-41

Hormone-dependent transformation and nuclear localisation of 1,25-dihydroxyvitamin D3 receptors from human breast cancer cell lines and chick duodenum. Sher E, et al. **Horm Metab Res** 1985 Mar;17(3):147-51

Analysis of dansyl derivatives of di- and polyamines in mouse brain, human serum and duodenal biopsy specimens by high-performance liquid chromatography on a standard reversed-phase column. Bontemps J, et al. **J Chromatogr** 1984 Nov 9;311(1):59-67

Collection of duodenal bile in infants and children by the string test. Rosenthal P. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):284-5

Histochemical alterations in the duodenum of goats experimentally infected with Paramphistomum cervi. Sahai BN, et al. **Vet Parasitol** 1985 Jan;17(2):131-8

[A comparative study on the effect of vagotomy and splanchnicectomy on the catecholamine content of the stomach, duodenum and pancreas] Hamaji M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Apr;82(4):587-91 (Eng. Abstr.) (Jpn)

[Effects of colloidal bismuth subcitrate and aluminum hydroxide on gastric and duodenal levels of prostaglandin E2] Estela R, et al. **Rev Med Chil** 1984 Oct;112(10):975-81 (Eng. Abstr.) (Spa)

ANATOMY & HISTOLOGY

The choledochoduodenal junction in sheep and goat. Abdalla O, et al. **Anat Histol Embryol** 1985 Mar;14(1):6-14

Effect of aging upon small intestinal structure in the Fischer rat. Holt PR, et al. **J Gerontol** 1984 Nov;39(6):642-7

An immunohistochemical survey of endocrine cells and nerves in the proximal duodenum of the echidna, Tachyglossus aculeatus. Yamada J, et al. **Z Mikrosk Anat Forsch** 1985;99(2):209-18

BLOOD SUPPLY

Fatal ruptured duodenal varix: a case report and review of literature. Amin R, et al. **Am J Gastroenterol** 1985 Jan;80(1):13-8

Neuroeffector transmission of the hepatic and pancreatico-duodenal isolated arteries of the dog. Varga G, et al. **Gastroenterology** 1984 Nov;87(5):1056-63

Angiodysplasia of the stomach and duodenum. Gunnlaugsson O. **Gastrointest Endosc** 1985 Aug;31(4):251-4

Endoscopic diagnosis of pseudohemobilia resulting from a pancreaticoduodenal artery pseudoaneurysm. Ibrahim MA, et al. **Gastrointest Endosc** 1984 Dec;30(6):347-9

Successful injection sclerotherapy for bleeding duodenal varix in intrahepatic portal obstruction. Kirkpatrick JR, et al. **Gastrointest Endosc** 1985 Aug;31(4):259-60

Aneurysm of the gastroduodenal artery causing biliary obstruction: real-time ultrasound diagnosis. Green D, et al. **J Ultrasound Med** 1984 Aug;3(8):375-7

True aneurysm of the pancreaticoduodenal artery: a case report and review of the literature. Gangahar DM, et al. **J Vasc Surg** 1985 Sep;2(5):741-2

Aneurysm of the gastroduodenal artery. Surgical treatment in an asymptomatic case. Abad C, et al. **Thorac Cardiovasc Surg** 1985 Jun;33(3):188-90

[Roentgeno-anatomy of the gastroduodenal artery] Shendrik IuG. **Arkh Anat Gistol Embriol** 1985 May;88(5):34-6 (Eng. Abstr.) (Rus)

[Regional blood flow to the gastric and duodenal mucosa] Koval'chuk LA. **Fiziol Cheloveka** 1984 Mar-Apr;10(2):317-20 (Rus)

[Potentials of gastric and duodenal rheography during fiber-optic gastro- and duodenoscopy in detecting digestive organ ischemia and assessing the effectiveness of its surgical treatment] Potashov LV, et al. **Klin Khir** 1984 Nov;(11):34-6 (Eng. Abstr.) (Rus)

[Pancreatico-duodenal angiodysplasia associated with carcinoid of the pancreas] Sigler L, et al. **Rev Gastroenterol Mex** 1984 Apr-Jun;49(2):119-21 (Eng. Abstr.) (Spa)

CYTOLOGY

Corticotropin-releasing factor: immunohistochemical colocalization with adrenocorticotropin and beta-endorphin, but not with Met-enkephalin, in subpopulations of duodenal perikarya of rat. Wolter HJ. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):402-10

Assessment of the symmetry of stem-cell mitoses. Bjerknes M. **Biophys J** 1985 Jul;48(1):85-91

Transferrin in isolated cells from rat duodenum and jejunum. Osterloh K, et al. **Blut** 1985 Jul;51(1):41-7

Ontogenesis of gastrin cells in the pyloric antrum and duodenum of the mouse. Kataoka K, et al. **Cell Tissue Res** 1985;239(3):531-5

Cell culture of embryonic chick duodenal cells: preparation of epithelial-fibroblast bilayers and homotypic cultures of fibroblasts and epithelial cells. Zinman HM, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):107-17

Effects of some opiates and vasoactive intestinal peptide (VIP) on duodenal surface epithelial bicarbonate secretion in the rat. Flemström G, et al. **Scand J Gastroenterol [Suppl]** 1985;110:49-53

[Morphological and immunohistochemical investigation of solitary lymphatic nodules in the normal human terminal ileum and duodenal bulb] Shimada K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May;82(5):1337-47 (Eng. Abstr.) (Jpn)

DRUG EFFECTS

Effect of substance P on opossum duodenal smooth muscle. Nowak TV, et al. **Dig Dis Sci** 1985 Jul;30(7):664-8

Differential response of duodenal epithelial cells to 1,25-dihydroxyvitamin D3 according to position on the villus: a comparison of calcium uptake, calcium-binding protein, and alkaline phosphatase activity. Bikle DD, et al. **Endocrinology** 1984 Dec;115(6):2077-84

Dual effect of dynorphin on the non-adrenergic inhibitory potentials and the spontaneous action potentials in the duodenal smooth muscle cells of the guinea-pig. Ohkawa H. **Eur J Pharmacol** 1985 Apr 23;111(1):139-40

Mu and delta, but not kappa, opioid agonists induce contractions of the canine small intestine in vivo. Vaught JL, et al. **Eur J Pharmacol** 1985 Feb 12;109(1):43-8

Influence of epidermal growth factor on the maturation of the fetal mouse duodenum in organ culture. Beaulieu JF, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):476-81

Discrepancy between the potency of various trypsin inhibitors to inhibit trypsin activity and the potency to release biologically active cholecystokinin-pancreozymin. Yonezawa H. **Jpn J Physiol** 1984;34(5):849-56

Effect of alcohol upon myoelectric activity of the gastrointestinal tract and pancreatic and biliary duct pressures. Coelho JC, et al. **Surg Gynecol Obstet** 1985 Jun;160(6):528-33

Gastric acid secretion, intraduodenal pH and gastroenteropancreatic hormone release to bombesin in antrocolic transposition dogs. Koizumi F, et al. **Tohoku J Exp Med** 1985 Jan;145(1):65-72

[Comparative study on the inhibitory effect of glucagon and secretin on the gastroduodenal motility in man] Nishioka T, et al. **Nippon Heikatsukin Gakkai Zasshi** 1984 Dec;20(6):493-9 (Eng. Abstr.) (Jpn)

EMBRYOLOGY

Intestinal cytodifferentiation in vitro of chick stomach endoderm induced by the duodenal mesenchyme. Ishizuya-Oka A, et al. **J Embryol Exp Morphol** 1984 Aug; 82:163-76

Effects of cytochalasin B on the formation of previllous ridges and the appearance of long microvillous-like processes in the organ culture system of chick embryonic intestine. Noda S. **J Embryol Exp Morphol** 1985 Feb; 85:47-64

Histological and histochemical studies on the development of Brunner's glands in the Egyptian water buffalo fetus. Osman AH, et al. **Z Mikrosk Anat Forsch** 1984;98(4):631-6

ENZYMOLOGY

Lipase assay in duodenal juice using a conductimetric method. Ballot C, et al. **Clin Chim Acta** 1984 Nov 15; 143(2):109-14

Partially purified white bean amylase inhibitor reduces starch digestion in vitro and inactivates intraduodenal amylase in humans. Layer P, et al. **Gastroenterology** 1985 Jun; 88(6):1895-902

Induction of spermidine N1-acetyltransferase by 1 alpha,25-dihydroxyvitamin D3 as an early common event in the target tissues of vitamin D. Shinki T, et al. **J Biol Chem** 1985 Feb 25;260(4):2185-90

Immunocytochemical demonstration of ecto-galactosyltransferase in absorptive intestinal cells. Roth J, et al. **J Cell Biol** 1985 Jan;100(1):118-25

Selective inhibition by amiflamine of monoamine oxidase type A in rat brain, liver and duodenum. Ask AL. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Aug; 327(1):56-63

[Postsecretory changes of pancreatic juice trypsinogen in the duodenum. I. Partial activation and effect of bile (in vitro study)] Ishihara Y. **Nippon Shokakibyo Gakkai Zasshi** 1985 Mar;82(3):489-99 (Eng. Abstr.) **(Jpn)**

[Postsecretory changes of pancreatic juice trypsinogen in the duodenum. II. Trypsin to amylase ratio in duodenal aspirates indicates the degree of activation of trypsinogen] Ishihara Y, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Apr;82(4):654-63 (Eng. Abstr.) **(Jpn)**

[Postsecretory change in pancreatic juice trypsinogen in the duodenum. III. Enterokinase-modification of its assay method and its physiological significance] Ishihara Y. **Nippon Shokakibyo Gakkai Zasshi** 1985 May;82(5):1380-8 (Eng. Abstr.) **(Jpn)**

[Indicators of resistance and the functional state of the digestive system in children] Beier LV, et al. **Pediatriia** 1984 Jul;(7):7-9 (Eng. Abstr.) **(Rus)**

[Amylolytic and peptide hydrolase activities of duodenal mucosa in patients with chronic atrophic gastritis] Ganich ON, et al. **Vrach Delo** 1985 Jan;(1):22-5 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Immunohistologic pattern of type 1 (Lea, Leb) and type 2 (X, Y, H) blood group-related antigens in the human pyloric and duodenal mucosae. Mollicone R, et al. **Lab Invest** 1985 Aug;53(2):219-27

[Histophysiology of the intestinal epithelium as affected by the lymphoid system] Aparovich GG, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):489-91 (Eng. Abstr.) **(Rus)**

INJURIES

Management of pancreatic and duodenal trauma. Wynn M, et al. **Am J Surg** 1985 Sep;150(3):327-32

Recent experiences with duodenal trauma. Adkins RB Jr, et al. **Am Surg** 1985 Mar;51(3):121-31

Penetrating duodenal injuries. Analysis of 100 consecutive cases. Ivatury RR, et al. **Ann Surg** 1985 Aug;202(2):153-8

Obstructive jaundice caused by corrosive injury to the duodenum. Sellu DP. **Br Med J [Clin Res]** 1985 Feb 2; 290(6465):356-7

Blunt duodenal disruption. Ward GP, et al. **J Tenn Med Assoc** 1985 Apr;78(4):224-6

Treatment of penetrating duodenal injuries: primary repair vs. repair with decompressive enterostomy/serosal patch. Ivatury RR, et al. **J Trauma** 1985 Apr;25(4):337-41

Blunt injury of duodenum with avulsion of papilla of Vater--report of a case. Kawarada Y, et al. **Jpn J Surg** 1984 Nov;14(6):499-504

Duodenal rupture due to blunt trauma: a problem in diagnosis. Fabian TC, et al. **South Med J** 1984 Sep; 77(9):1078-82

Changing trends in the management of combined pancreatoduodenal injuries. Moore JB, et al. **World J Surg** 1984 Oct;8(5):791-7

[Traumatic rupture of the duodenum with multiple associated abdominal injuries] Rostan O, et al. **Helv Chir Acta** 1985 Jan;51(6):731-6 (Eng. Abstr.) **(Fre)**

[Traumatic duodenal rupture] Nöthiger F. **Helv Chir Acta** 1985 Jan;51(6):727-9 (Eng. Abstr.) **(Ger)**

[Diagnostic problems and complications of closed injuries of the duodenum] Deviatov VIa. **Vestn Khir** 1985 Jan; 134(1):87-90 (Eng. Abstr.) **(Rus)**

[Duodenal injuries] Vagner EA, et al. **Vestn Khir** 1984 Aug; 133(8):76-9 (Eng. Abstr.) **(Rus)**

[Combined duodenal injuries] Balmyshev ES, et al. **Voen Med Zh** 1985 Mar;(3):52-3 **(Rus)**

[Intramural hematoma of the duodenum and jejunum] Kotleba J, et al. **Rozhl Chir** 1984 Sep;63(8-9):579-83 (Eng. Abstr.) **(Slo)**

[Duodenal wounds in closed injuries of the abdomen] Casal Núñez JE, et al. **Rev Esp Enferm Apar Dig** 1984 Sep; 66(3):250-2 (Eng. Abstr.) **(Spa)**

INNERVATION

Experimental evidence for a vagally mediated and cholecystokinin-independent enteropancreatic reflex. Fried GM, et al. **Ann Surg** 1985 Jul;202(1):69-74

Effects of substantia nigra stimulation on electrical and mechanical activities of the duodeno-jejunal loop, in the cat. Gravante G, et al. **Arch Int Physiol Biochim** 1985 Jun; 93(2):93-100

Dynorphin-A (1-8) is contained within perikarya, nerve fibres and nerve terminals of rat duodenum. Wolter HJ. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):610-5

Colocalization of dynorphin-A(1-17) and dynorphin-A(1-8) within some perikarya of rat duodenum: immunohistochemical evidence for the presence of two separate dynorphinergic systems. Wolter HJ. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):774-80

gamma-Melanotropin is contained within neurons, nerve fibres and nerve endings of rat duodenum. Wolter HJ. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):448-53

alpha-Melanotropin, beta-endorphin and adrenocorticotropin-like immunoreactivities are colocalized within duodenal myenteric plexus perikarya. Wolter HJ. **Brain Res** 1985 Jan 28;325(1-2):290-3

Ultrastructural evidence for beta-endorphin-like immunoreactivity in the nervous system of the rat duodenum. Wolter HJ. **Brain Res** 1985 May 13; 334(1):194-9

Topography of cholinergic perikarya and nerve fibres as well as cholinergic vesicles in the rat duodenum. Wolter HJ. **Brain Res** 1985 Jul 29;339(2):337-41

The responses of duodenal tension receptors in sheep to pentagastrin, cholecystokinin and some other drugs. Cottrell DF, et al. **J Physiol (Lond)** 1984 Sep;354:477-95

Mucosal enteroceptors with vagal afferent fibres in the proximal duodenum of sheep. Cottrell DF, et al. **J Physiol (Lond)** 1984 Sep;354:497-522

Tension receptors with vagal afferent fibres in the proximal duodenum and pyloric sphincter of sheep. Cottrell DF, et al. **J Physiol (Lond)** 1984 Sep;354:457-75

Ascending responses induced by transmural nerve stimulation in the cat duodenum. Miolan JP, et al. **Neurosci Lett** 1985 May 23;56(3):295-9

Cold-sensitive mechanoreceptors with afferent C-fibres in the sheep duodenum. Cottrell DF. **Pflugers Arch** 1984 Dec; 402(4):454-7

Mechanoreceptors of the rabbit duodenum. Cottrell DF. **Q J Exp Physiol** 1984 Oct;69(4):677-84

METABOLISM

Duodenal acidification releases cholecystokinin. Chen YF, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):G29-33

Opiate nerves mediate feline pyloric response to intraduodenal amino acids. Reynolds JC, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G307-12

The effect of the amount of urea in the diet on the contents of amino acids and other components of duodenal digesta in young bulls. Otwinowska A, et al. **Arch Tierernahr** 1985 May;35(5):339-49

Synergistic effects of 1,25(OH)2D3 and 24,25(OH)2D3 on duodenal CaBP in rachitic chicks and on eggshell weight in Japanese quails. Rambeck WA, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):799-804

24R,25-dihydroxyvitamin D3 regulates 1,25-dihydroxyvitamin D3 binding to its chick intestinal receptor. Wilhelm F, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):496-501

Effects of verapamil and dexamethasone on the 1,25-dihydroxyvitamin D3-mediated calcium absorptive mechanism in the organ-cultured embryonic chick duodenum. Corradino RA. **Biochem Pharmacol** 1985 Jun 1;34(11):1971-4

Chicken fetal intestine in tissue culture. Mothes T, et al. **Biomed Biochim Acta** 1985;44(4):561-71

Adrenocorticotropin immunoreactivity is contained within presumptive endocytotic vesicles of rat Brunner's gland cells. Wolter HJ. **Brain Res** 1985 Jun 10;336(1):143-7

Response of circulating somatostatin, insulin, gastrin and GIP, to intraduodenal infusion of nutrients in normal man. Lucey MR, et al. **Clin Endocrinol (Oxf)** 1984 Sep; 21(3):209-17

The effects of duodenal glucose and dextrin infusion on adipose tissue metabolism in sheep. Pearce J, et al. **Comp Biochem Physiol [B]** 1984;78(3):565-7

Plasma secretin in response to pure bile salts and endogenous bile in man. Bondesen S, et al. **Dig Dis Sci** 1985 May; 30(5):440-4

Absorption of carbohydrate-electrolyte solutions in rat duodenojejunum. Implications for the composition of oral electrolyte solutions in man. Saunders DR, et al. **Dig Dis Sci** 1985 Feb;30(2):154-60

Comparative assessment of secretin and motilin responses to graded duodenal acidification in anaesthetised pigs. Cuber JC, et al. **Digestion** 1985;32(1):35-41

Low levels of intestinal vitamin D-dependent calcium-binding protein in juvenile X-linked hypophosphatemic mice. Bruns ME, et al. **Endocrinology** 1984 Oct;115(4):1459-63

Calcium transport in perfused duodena from normal chicks: enhancement within fourteen minutes of exposure to 1,25-dihydroxyvitamin D3. Nemere I, et al. **Endocrinology** 1984 Oct;115(4):1476-83

The effect of alpha-solanine on the active calcium transport in rat intestine. Michalska L, et al. **Gen Pharmacol** 1985; 16(1):69-70

Duodenal mucosa synthesis of prostaglandins in duodenal ulcer disease. Hillier K, et al. **Gut** 1985 Mar;26(3):237-40

Analysis for and intestinal metabolism of precursor nitroso compounds in normal subjects and in patients with chronic renal failure. Simenhoff ML, et al. **IARC Sci Publ** 1984; (57):161-70

Similar plasma GIP responses in obese and lean subjects after an oral test meal and after intraduodenal stimulation with fat and glucose. Amland PF, et al. **Int J Obes** 1984; 8(6):649-53

The effect of a high-fat diet on brainstem and duodenal serotonin (5-HT) metabolism in Sprague-Dawley and Osborne-Mendel rats. Kimbrough TD, et al. **Int J Obes** 1984;8(4):305-10

Biochemical characterization of positive cooperativity in the binding of 1 alpha, 25-dihydroxyvitamin D3 to its chick intestinal chromatin receptor. Wilhelm F, et al. **J Biol Chem** 1985 Aug 25;260(18):10087-92

1,25-Dihydroxyvitamin D3-induced calcium-binding protein: localization in organ-cultured embryonic chick duodenum. Corradino RA, et al. **J Histochem Cytochem** 1985 May;33(5):477-9

A quantitative study of enteric endocrine cells in celiac sprue. Buchan AM, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov; 3(5):665-71

Intraduodenal events in cystic fibrosis. Weber AM, et al. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S113-9

Somatostatin-20: a novel NH2-terminally extended form of somatostatin isolated from porcine duodenum together with somatostatin-28 and somatostatin-25. Arakawa Y, et al. **Life Sci** 1984 Dec 17;35(25):2529-36

Early and direct effect of 1,25-dihydroxycholecalciferol on calcium uptake by duodena of rachitic chicks. Fullmer CS, et al. **Proc Soc Exp Biol Med** 1984 Dec;177(3):455-8

1,25-Dihydroxyvitamin D3 induction of CABP and stimulation of calcium uptake in embryonic chick duodena in culture: effects of verapamil and/or dexamethasone. Corradino RA. **Prog Clin Biol Res** 1984;168:165-70

Ca2+ uptake by plasma membranes from rat duodenum and ileum. Miller A 3d, et al. **Prog Clin Biol Res** 1984;168:281-8

The effect of trifluoperazine on transepithelial calcium transport in rat duodenum. Roche C, et al. **Prog Clin Biol Res** 1984;168:261-5

Distribution of ATP-dependent Ca2+-transport between villus and crypt cells in rat duodenum. van Corven EJ, et al. **Prog Clin Biol Res** 1984;168:295-9

Properties of Na+/Ca2+ exchange in epithelial plasma membranes from rat kidney cortex and rat duodenum. van Os CH, et al. **Prog Clin Biol Res** 1984;168:95-100

Novel pharmacology of substance K-binding sites: a third type of tachykinin receptor. Buck SH, et al. **Science** 1984 Nov 23;226(4677):987-9

Elevated cholecystokinin-like activity in the duodenal mucosa in patients with cholecystolithiasis. Kataoka S, et al. **Tohoku J Exp Med** 1985 Apr;145(4):395-402

The autoradiographic localisation of retained orally administered cadmium tracer within Paneth cells of rat duodenum. Phillpotts CJ. **Toxicology** 1984 Oct;33(1):59-66

[Effect of the content of crude plant protein in feed on the utilization of urea in dairy cattle. 4. Passage of amino acids through the duodenum] Aitowa MD, et al. **Arch Tierernahr** 1984 Jul;34(7):481-8 (Eng. Abstr.) **(Ger)**

[Transport of urea nitrogen from the intestines into the stomach in dairy cows] Voigt J, et al. **Arch Tierernahr** 1984 Nov;34(11):769-84 (Eng. Abstr.) **(Ger)**

[In-vitro induced histamine liberation from mucous membrane of the stomach and duodenum before and following vagotomy] Baenkler HW, et al. **Zentralbl Chir** 1985;110(5):296-300 (Eng. Abstr.) **(Ger)**

[Effects of subcutaneous administration of pentagastrin and duodenal alkalinization on plasma group I pepsinogen (PGI-p) in man] Pustorino S, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):241-4 (Eng. Abstr.) **(Ita)**

[The effect of intraduodenal calcium on pancreatic secretion in the rat] Miyasaka K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Aug;81(8):1824-9 (Eng. Abstr.) **(Jpn)**

[Partial gastrectomy with and without duodenal transit; its role in carbohydrate metabolism and insulin secretion] Bader O, et al. **Pol Tyg Lek** 1984 Jul 2;39(27):907-9 (Eng. Abstr.) **(Pol)**

MICROBIOLOGY

A comparison of methods for the estimation of the proportion of microbial nitrogen in duodenal digesta, and of correction for microbial contamination in nylon bags incubated in the rumen of sheep. Kennedy PM, et al. **Br J Nutr** 1984 Sep; 52(2):403-17

[Intestinal flora in children with celiac disease] Balli F, et al. **Pediatr Med Chir** 1984 Sep-Oct;6(5):637-40 (Eng.

Abstr.) (Ita)

[Bacterial colonization of the duodenum and absorption of d-xylose in newborn infants fed through a transpyloric catheter] Martínez-Salgado H, et al. **Bol Med Hosp Infant Mex** 1985 Jan;42(1):42-9 (Eng. Abstr.) **(Spa)**

PARASITOLOGY

Occurrence of a new microsporidan: Enterocytozoon bieneusi n.g., n. sp., in the enterocytes of a human patient with AIDS. Desportes I, et al. **J Protozool** 1985 May; 32(2):250-4

Histopathology of the duodenum and rumen of goats during experimental infections with Paramphistomum cervi. Singh RP, et al. **Vet Parasitol** 1984 Jul;15(1):39-46

[Upper digestive hemorrhage caused by Ascaris lumbricoides in the duodenum] Fontan AN, et al. **Acta Gastroenterol Latinoam** 1984;14(1):85-7 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Evaluation of the quantitative state of individual cell types in rat gastric and duodenal mucosa during normoprotein nutrition and chronic ethanol intake. Study II. Pavlović M, et al. **Acta Med Iugosl** 1985;39(1):57-73

Integrity, histologic organization and renewal ability of rat gastric and duodenal mucosa under conditions of a normoprotein dietary regime and chronic alcohol ingestion. Study I. Todorović V, et al. **Acta Med Iugosl** 1985; 39(1):41-55

Intestinal lymphangiectasia in the Lundehund. Scanning electron microscopy of intestinal mucosa. Landsverk T, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1984 Sep; 92(5):353-62

Periodate-lysine-paraformaldehyde as fixative for the study of duodenal mucosa. Morphologic and immunohistochemical results at light and electron microscopic levels. Rantala I, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1985 Jul; 93(4):165-73

Duodenal gangliocytic paraganglioma. An immunohistochemical and ultrastructural study and a hypothesis concerning its origin. Perrone T, et al. **Am J Surg Pathol** 1985 Jan;9(1):31-41

Histological appearances of oesophagus, antrum and duodenum and their correlation with symptoms in patients with a duodenal ulcer. Earlam RJ, et al. **Gut** 1985 Jan; 26(1):95-100

Relation between serum group II pepsinogen concentration and the degree of Brunner's gland hyperplasia in patients with chronic renal failure. Paimela H, et al. **Gut** 1985 Feb; 26(2):198-202

Comparison of endoscopic and histological features of duodenitis. Naik SR, et al. **Indian J Gastroenterol** 1985 Jul; 4(3):149-51

Tubeless hypotonic duodenography with water: a simple aid in sonography of the pancreatic head. Op den Orth JO. **Radiology** 1985 Mar;154(3):826

The anatomical position of duodenal ulcers--a hypothesis based on an experimental study. Lawson HH, et al. **S Afr J Surg** 1985 Mar;23(1):23-5

[Total gastroduodenal necrosis caused by acute postoperative pancreatitis. Temporary choledochostomy. Recovery] Sastre B, et al. **Ann Chir** 1985 Jun;39(5):323-5 (Eng. Abstr.) **(Fre)**

[Morphometric-functional study of the small intestine in the aged. I. Morphometric study of villo-cryptae architecture] D'Imperio N, et al. **G Clin Med** 1984 Sep-Oct; 65(9-10):419-25 (Eng. Abstr.) **(Ita)**

[Whipple's disease. Apropos of a case diagnosed by endoscopic duodenal biopsy] Cavanenghi D, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):347-9 (Eng. Abstr.) **(Ita)**

[Rare variant of vascular compression of the duodenum] Stupin VA, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):132-3 **(Rus)**

[State of the stomach and duodenum in patients with periodic disease] Arutiunian VM, et al. **Klin Med (Mosk)** 1984 Sep; 62(9):104-7 (Eng. Abstr.) **(Rus)**

[State of mucous membrane of the upper segments gastrointestinal tract in patients with chronic kidney diseases] Riabov SI, et al. **Klin Med (Mosk)** 1985 Jun; 63(6):102-7 (Eng. Abstr.) **(Rus)**

[Effect of vagotomy on the epitheliocytes of the pyloric and duodenal glands] Balbekov IM, et al. **Patol Fiziol Eksp Ter** 1985 May-Jun;(3):55-9 (Eng. Abstr.) **(Rus)**

[Morphometric examination of gastric and duodenal mucosa in children with gastroduodenitis] Mazurin AV, et al. **Pediatriia** 1984 Jul;(7):12-4 (Eng. Abstr.) **(Rus)**

[Morphometry of the gastric and duodenal mucosa in the diagnosis of chronic gastroduodenitis in children] Zhdanova TF, et al. **Pediatriia** 1985 Jun;(6):17-20 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Effects of gastrointestinal hormones on Oddi's sphincter and duodenal myoelectric activity and pancreatobiliary pressure. Studies in the opossum. Coelho JC, et al. **Arch Surg** 1985 Sep;120(9):1060-4

Further evidence for the existence of two receptor sites for bradykinin responsible for the diphasic effect in the rat isolated duodenum. Boschcov P, et al. **Br J Pharmacol** 1984 Oct;83(2):591-600

The role of acetylcholine in rhythmic spontaneous contractions of rat's duodenal smooth muscle. Whitcomb ER, et al. **Bull Environ Contam Toxicol** 1985 Apr; 34(4):476-80

Further evidence for the influence of intraduodenal pH on the PABA test. Hoek FJ, et al. **Clin Chim Acta** 1984 Oct 15;142(3):287-92

The role of the duodenum in adaptive changes in sucrose digestion in the small intestine of chicks. Ozols A, et al. **Comp Biochem Physiol** [A] 1985;80(3):343-7

A comparison of the effects of duodenal glucose infusion on carbohydrate and lipid metabolism in liver, adipose tissue and small intestinal mucosa in sheep. Pearce J, et al. **Comp Biochem Physiol** [B] 1985;81(1):59-62

Bile exclusion from the duodenum. Its effect on gastric and pancreatic function in the dog. Davies HA, et al. **Dig Dis Sci** 1985 Oct;30(10):954-60

Coordinated motor activity of the human gastroduodenal region. King PM, et al. **Dig Dis Sci** 1985 Mar;30(3):219-24

Duodenal ulcerogens cysteamine and propionitrile induce gastroduodenal motility alterations in the rat. Pihan G, et al. **Gastroenterology** 1985 Apr;88(4):989-97

Relationships of human antroduodenal motility and transpyloric fluid movement: non-invasive observations with real-time ultrasound. King PM, et al. **Gut** 1984 Dec; 25(12):1384-91

Entero-pancreatic reflexes revealed by duodenal anesthesia in the dog. Biedzinski TM, et al. **J Auton Nerv Syst** 1985 Jun;13(2):111-23

Initiation of migrating myoelectric complex in sheep by duodenal acidification and hyperosmolarity: role of vagus nerves. Gregory PC, et al. **J Physiol (Lond)** 1984 Oct; 355:509-21

Effect of alcohol on cyclical myoelectric activity of the opossum sphincter of Oddi. Becker JM, et al. **J Surg Res** 1985 Apr;38(4):343-9

Suppression of postprandial lower esophageal sphincter pressure and pancreatic polypeptide by duodenal exclusion. Maher JW, et al. **J Surg Res** 1984 Dec;37(6):467-71

Stimulating effect of duodenal alkalinization on pancreatic exocrine secretion in rats. Kato S. **Jpn J Physiol** 1985; 35(1):159-61

Comparison of gastric, duodenal and jejunal contributions to the inhibition of food intake in the rat. Canbeyli RS, et al. **Physiol Behav** 1984 Dec;33(6):951-7

Duodenal bulb motor activity in sheep. Ruckebusch Y, et al. **Zentralbl Veterinarmed** [A] 1984 Jul;31(6):401-13

[Control of antroduodenal motility in sheep] Ruckebusch Y, et al. **Ann Rech Vet** 1985;16(1):57-68 (Eng. Abstr.) **(Fre)**

[The relationship in the diurnal rhythm of electrical and mechanical activity between the stomach and the duodenum in dogs] Shiraishi Y, et al. **Nippon Heikatsukin Gakkai Zasshi** 1984 Feb;20(1):13-24 (Eng. Abstr.) **(Jpn)**

[The sphincter mechanism of the choledochoduodenal junction following truncal vagotomy] Akasaka Y. **Nippon Shokakibyo Gakkai Zasshi** 1985 Apr;82(4):628-37 (Eng. Abstr.) **(Jpn)**

[Effect of the types of agricultural work on the functional indices of the gastroduodenal system in healthy persons and peptic ulcer patients] Rabinovich PD, et al. **Gig Tr Prof Zabol** 1985 Jan;(1):3-6 (Eng. Abstr.) **(Rus)**

[Duodenal mechanism as inhibitors of gastric secretion. I. Exogenous administration of hormones, fats and hyperosmolar substances] Sainz Samitier R, et al. **Rev Esp Enferm Apar Dig** 1985 May;67(5):467-72 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Physiopathological heterogeneity of the duodenal mechanisms that inhibit gastric acid secretion in duodenal ulcer patients. Sainz R, et al. **Am J Gastroenterol** 1985 Sep; 80(9):673-7

Studies on mechanism of retching and vomiting in dogs. Effect of peripheral dopamine blocker on myoelectric changes in antrum and upper small intestine. Lee KY, et al. **Dig Dis Sci** 1985 Jan;30(1):22-8

Dissociation of duodenogastric marker reflux and bile salt reflux. Müller-Lissner SA, et al. **Dig Dis Sci** 1985 Aug; 30(8):733-8

Gastroduodenal motility disturbances in man. Fisher RS. **Scand J Gastroenterol [Suppl]** 1985;109:59-68 (70 ref.)

[Peristaltic function of gastric and duodenal stumps after pylorus-sparing resection] Vasil'kov IuV. **Sov Med** 1985; (1):10-4 (Eng. Abstr.) **(Rus)**

[Value of chromoscopy in the evaluation of gastric and duodenal function] Timen LIa, et al. **Voen Med Zh** 1984 Dec;(12):53-4 **(Rus)**

[Role of the duodenum in the pathogenesis of the postcholecystectomy syndrome] Kravchuk NA. **Vrach Delo** 1985 Feb;(2):9-12 (Eng. Abstr.) **(Rus)**

[Interdigestive duodenal motility in chronic duodenal obstruction] Saenko VF, et al. **Vrach Delo** 1985 Mar; (3):88-93 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Injury and regeneration in rat small intestine cells after exposure to neutrons. Baltrukiewicz Z, et al. **Acta Physiol Pol** 1983 Sep-Dec;34(5-6):525-9

[Endoscopic and biopsy findings in the esophageal, gastric and duodenal mucosa before and after radiotherapy for Hodgkin's disease] Slanina J, et al. **Strahlentherapie** 1985 Apr;161(4):216-20 (Eng. Abstr.) **(Ger)**

[Bleeding postbulbar duodenal ulcer following radiotherapy of non-Hodgkin lymphoma] Lange H, et al. **Z Gesamte Inn Med** 1984 Jul 1;39(13):317-8 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

The normal mucosal surface pattern of the duodenal bulb: radiologic-histologic correlation. Bova JG, et al. **AJR** 1985 Oct;145(4):735-8

[Role of radiography in the diagnosis of gastroduodenal ulcer] Rzymski K. **Pol Arch Med Wewn** 1984 Jul-Aug; 72(1-2):15-20 **(Pol)**

[Roentgenomorphological changes in gastric and duodenal stumps after pylorus-sparing operations] Vasil'kov IuV. **Vestn Khir** 1984 Aug;133(8):18-22 (Eng. Abstr.) **(Rus)**

[Improved method of x-ray examination of the duodenum] Koroliuk IP, et al. **Vestn Rentgenol Radiol** 1985 Mar-Apr; (2):13-8 (Eng. Abstr.) **(Rus)**

[Combination of pharmaco-x-ray examination of the biliary tract and alimentary canal in the diagnosis of cholecystitis and the postcholecystectomy syndrome] Poliak EZ, et al. **Vestn Rentgenol Radiol** 1984 Jul-Aug;(4):20-6 (Eng. Abstr.) **(Rus)**

[Reflexogenic relaxation gastroduodenography by the acupuncture method] Rabkin IKh, et al. **Vestn Rentgenol Radiol** 1985 Mar-Apr;(2):8-13 (Eng. Abstr.) **(Rus)**

[Anatomo-functional changes in the x-ray picture of the gastric and duodenal stumps following pyloro-conserving resection] Vasil'kov IuV. **Vestn Rentgenol Radiol** 1985 Mar-Apr;(2):28-32 (Eng. Abstr.) **(Rus)**

SECRETION

Gut hormones in stimulation of gastroduodenal alkaline secretion in conscious dogs. Konturek SJ, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G687-91

Some characteristics of duodenal epithelium. Flemström G, et al. **Ciba Found Symp** 1984;109:94-108 (25 ref.)

Duodenal mucosal protection [letter] Wormsley KG. **Gastroenterology** 1985 Mar;88(3):856

Effect of vasoactive intestinal polypeptide and somatostatin on secretion of epidermal growth factor and bicarbonate from Brunner's glands. Kirkegaard P, et al. **Gut** 1984 Nov; 25(11):1225-9

Adrenergic effects on secretion of epidermal growth factor from Brunner's glands. Olsen PS, et al. **Gut** 1985 Sep; 26(9):920-7

Secretin, VIP, and PHI stimulate rat proximal duodenal surface epithelial bicarbonate secretion in vivo. Isenberg JI, et al. **Regul Pept** 1984 Jul;8(4):315-20

Release of endogenous opioid peptides in guinea-pig duodenum and ileum. Vargas ML, et al. **Rev Esp Fisiol** 1984 Sep;40(3):389-90

Determination of the R-protein and the R-protein-vitamin B12-complex in saliva and gastrointestinal juice by FPLC Mono S cationic chromatography. Kittang E, et al. **Scand J Clin Lab Invest** 1985 May;45(3):237-44

Surface pH gradient in gastroduodenal mucosa. Kivilaakso E, et al. **Scand J Gastroenterol [Suppl]** 1984;105:50-2

[Inhibitory effect of somatostatin on the secretion of duodenal gastrin] Micali B, et al. **Chir Ital** 1982 Jun;34(3):389-92 (Eng. Abstr.) **(Ita)**

[Lysozyme activity and immunoglobulin level in the duodenal contents of preschool children with chronic gastroduodenitis] Sazanova NE, et al. **Pediatriia** 1984 Jul; (7):17-20 (Eng. Abstr.) **(Rus)**

[Duodenal mechanisms inhibiting gastric secretion. II. Duodenal acidification] Sainz Samitier R, et al. **Rev Esp Enferm Apar Dig** 1985 Jun;67(6):581-8 (69 ref.) (Eng. Abstr.) **(Spa)**

SURGERY

Periampullary disease and pancreatoduodenectomy. Snyder J. **Alaska Med** 1985 Apr-Jun;27(2):19-27

Portoenterostomy diversion. Experimental study in antireflux technique. Moran JM, et al. **Am J Surg** 1985 Feb; 149(2):248-51

Effect of biliary decompression on morbidity and mortality of pancreatoduodenectomy. Thomas JH, et al. **Am J Surg** 1984 Dec;148(6):727-31

Stenosis at the choledochojejunostomy anastomosis following pancreatico-duodenectomy when the common bile duct is of normal calibre. Chadwick SJ, et al. **Ann R Coll Surg Engl** 1984 Sep;66(5):319-20

Cystoduodenostomy. New perspectives. Bradley EL 3d. **Ann Surg** 1984 Dec;200(6):698-701

Duodenojejunostomy for the pancreaticobiliary complications of duodenal diverticulum. Critchlow JF, et al. **Ann Surg** 1985 Jul;202(1):56-8

Choledochoduodenostomy for calculous biliary tract disease. Huguier M, et al. **Arch Surg** 1985 Feb;120(2):241-2

Sump syndrome following choledochoduodenostomy and its endoscopic treatment. Baker AR, et al. **Br J Surg** 1985 Jun;72(6):433-5

Tube duodenostomy--a safe method for managing perforated duodenal diverticulum [letter] Zamir O, et al. **Can J Surg** 1984 Sep;27(5):421

A chopstick is removed after 60 years in the duodenum [letter] Yamamoto M, et al. **Gastrointest Endosc** 1985 Feb; 31(1):51

Hepatico-jejuno-duodenoplasty for biliary stricture. Mazzeo F, et al. **Int Surg** 1984 Oct-Dec;69(4):331-3

Pancreaticoduodenectomy with pylorus preservation. Mosca F, et al. **Ital J Surg Sci** 1984;14(4):313-20

Disseminated infection associated with corticosteroid therapy after transduodenal sphincteroplasty. Sharma BK, et al. **J Infect** 1985 Jan;10(1):60-4

Stimulation of bile output by gastrointestinal hormones following portoenterostomy for biliary atresia. Isenberg JN, et al. **J Pediatr Surg** 1984 Aug;19(4):471-5

Morbidity of simple cholecystectomy and cholecystectomy with transduodenal sphincteroplasty. Antrum RM, et al. **J R Soc Med** 1985 Feb;78(2):106-8

Analysis of pancreatoduodenectomy. O'Brien PH, et al. **J Surg Oncol** 1985 Jan;28(1):50-8

Is there still a place for Whipple's operation? Roukema JA, et al. **Neth J Surg** 1985 Jun;37(3):79-82

The influence of preoperative jaundice, biliary drainage and age on postoperative morbidity and mortality after pancreatoduodenectomy and total pancreatectomy. Snellen JP, et al. **Neth J Surg** 1985 Jun;37(3):83-6

Contemporary surgery of biliary atresia. Lilly JR, et al. **Pediatr Clin North Am** 1985 Oct;32(5):1233-46 (48 ref.)

Pyloric preservation with the Whipple procedure. Braasch JW, et al. **Surg Clin North Am** 1985 Apr;65(2):263-71

From Krankenhaus to L.A.: pathways of progress in pancreatoduodenectomy. Braasch JW. **Surg Gastroenterol** 1984;3(1):3-12

Choledochoduodenostomy after previous gastrectomy or duodenal operations. Gold MS, et al. **Surg Gynecol Obstet** 1985 Aug;161(2):142-4

A new approach for the reconstruction of continuity of the alimentary tract after pancreaticoduodenotomy. Lygidakis NJ, et al. **Surg Gynecol Obstet** 1985 May;160(5):453-8

Delayed gastric emptying after pylorus-preserving pancreaticoduodenectomy. Warshaw AL, et al. **Surg Gynecol Obstet** 1985 Jan;160(1):1-4

Duodenum-preserving resection of the head of the pancreas in patients with severe chronic pancreatitis. Beger HG, et al. **Surgery** 1985 Apr;97(4):467-73

Endoscopic treatment of stomal stenosis after choledochoduodenostomy: preliminary report. Blair AJ 3d, et al. **Surgery** 1985 Apr;97(4):487-9

Pancreatoduodenectomy with preservation of the pylorus. Braasch JW, et al. **World J Surg** 1984 Dec;8(6):900-5

Is choledochoduodenostomy in the treatment of stones in the common bile duct an obsolete technique? Cubillos L, et al. **World J Surg** 1985 Jun;9(3):484-92

Surgical treatment of pancreatic cancer. Kümmerle F, et al. **World J Surg** 1984 Dec;8(6):889-94

Cancer of the pancreas: palliative operation, Whipple procedure, or total pancreatectomy. Longmire WP Jr. **World J Surg** 1984 Dec;8(6):872-9

Pancreatic resection for carcinoma of the pancreas: Whipple versus total pancreatectomy—an institutional perspective. van Heerden JA. **World J Surg** 1984 Dec;8(6):880-8

[Extensive duodenopancreatic resection combined with cholecystectomy and right hemicolectomy] Marinov D, et al. **Khirurgiia (Sofiia)** 1984;37(5):412-3 **(Bul)**

[Case report on the relativity of the contraindications for duodenopancreatic resection] Momchilov M, et al. **Khirurgiia (Sofiia)** 1985;38(1):43-4 **(Bul)**

[Pathophysiological observations after jejunal interposition choledochoduodenostomy] Shi WJ, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Jan;23(1):17-8, 62 (Eng. Abstr.) **(Chi)**

[Proximal duodenopancreatectomy in the treatment of tumors of the bilio-pancreatic junction] Gelin M, et al. **Acta Chir Belg** 1984 Sep-Oct;84(5):319-25 (Eng. Abstr.) **(Fre)**

[The value of proximal duodenopancreatectomy for tumors of the biliary-pancreatic junction] Lerut J, et al. **Acta Chir Belg** 1984 Sep-Oct;84(5):313-8 (Eng. Abstr.) **(Fre)**

[Intentional temporary duodenostomy in gastroduodenal surgery. Apropos of 16 cases] Olivier A, et al. **Ann Chir** 1985 Jun;39(5):309-13 (Eng. Abstr.) **(Fre)**

[Internal hernia in the duodenal fossae. 3 cases] Aubrespy P, et al. **Chir Pediatr** 1984;25(6):311-6 (Eng. Abstr.) **(Fre)**

[Investigation of biliodigestive anastomosis with the help of radiopharmaceutical products] Champailler A, et al. **Int J Nucl Med Biol** 1985;12(1):21-8 (Eng. Abstr.) **(Fre)**

[Effect of restoring duodenal continuity after total gastrectomy in the rat] Gainant A, et al. **J Chir (Paris)** 1985 Apr;122(4):265-7 (Eng. Abstr.) **(Fre)**

[Total duodenal diversion by fundo-jejunostomy with Roux-Y-loop in the treatment of severe postoperative recurrent reflux esophagitis] Hollender LF, et al. **Chirurg** 1985 May;56(5):311-4 (Eng. Abstr.) **(Ger)**

[Gastrointestinal anastomoses] Thiede A, et al. **Chirurg** 1984 Oct;55(10):623-31 **(Ger)**

[Biliodigestive anastomoses in benign bile duct diseases] Tondelli P, et al. **Chirurg** 1984 Dec;55(12):777-86 **(Ger)**

[Modified partial duodenopancreatectomy with preservation of the stomach, proximal gastric vagotomy and pancreatic duct occlusion] Zumtobel V, et al. **Chirurg** 1985 Jun; 56(6):382-5 (Eng. Abstr.) **(Ger)**

[Reversal of duodenal passage] Zwicker M. **Chirurg** 1985 Apr;56(4):280-3 **(Ger)**

[Models and perspectives of pancreas transplantation in the rat. II. Course of rejection of pancreaticoduodenal transplants of various histoincompatibility and the effect of temporary therapy with cyclosporin (Sandimmun)] Timmermann W, et al. **Langenbecks Arch Chir** 1985; 363(4):235-43 (Eng. Abstr.) **(Ger)**

[New modifications in end-to-end anastomosis between the esophagus and small intestine in animal experiments] Daniel P, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984; 17(4):225-9 (Eng. Abstr.) **(Ger)**

[Nakajama's gastroduodenostomy. Case contribution] Guzzetti A. **Chir Ital** 1982 Oct;34(5):763-8 (Eng. Abstr.) **(Ita)**

[The interposed jejunal loop after resection for gastric ulcer (endoscopic study)] Trignano M, et al. **Chir Ital** 1984 Aug; 36(4):669-73 (Eng. Abstr.) **(Ita)**

[Cholecystogastrostomy versus choledochoduodenostomy in non-resectable carcinoma of the head of the pancreas] Cagetti M, et al. **Minerva Chir** 1984 Aug 15-31; 39(15-16):1069-72 (Eng. Abstr.) **(Ita)**

[Pathology of reflux of the non-operated stomach. Current possibilities of surgical correction] Mattioli F, et al. **Minerva Chir** 1985 Apr 15;40(7):443-8 **(Ita)**

[Review of 50 cases of choledochoduodenostomy] Taschieri AM, et al. **Minerva Chir** 1985 May 31;40(10):721-4 (Eng. Abstr.) **(Ita)**

[Experimental and clinical studies on operative methods of pancreaticojejunostomy in reference to the process of wound healing and postoperative pancreatic function] Fueki K. **Nippon Geka Gakkai Zasshi** 1985 Jun;86(6):725-37 (Eng. Abstr.) **(Jpn)**

[Influences of the biliary reconstructions by Roux-en Y method and jejunal interposition method on the gastric acid secretion in dogs] Tatsumi M. **Nippon Geka Gakkai Zasshi** 1984 Jul;85(7):705-18 (Eng. Abstr.) **(Jpn)**

[An antiperistaltic duodenojejunal pouch in the reconstruction of digestive transit after subtotal and total gastrectomy and in the postgastrectomy syndrome. Results] Safatle NF. **Arq Gastroenterol** 1984 Oct-Dec;21(4):172-82 (Eng. Abstr.) **(Por)**

[Antiperistaltic duodenojejunal pouch in the reconstruction of digestive transit after subtotal, total gastrectomy and in the postgastrectomy syndrome. Technic] Safatle NF. **Arq Gastroenterol** 1984 Apr-Jun;21(2):59-67 (Eng. Abstr.) **(Por)**

[Biliary and biliopancreatic lesions in the course of gastroduodenectomies for duodenal ulcer] Bușu I, et al. **Rev Chir [Chir]** 1985 Mar-Apr;34(2):133-40 (Eng. Abstr.) **(Rum)**

[Side-to-side choledochoduodenal anastomoses in benign lesions of the biliary tract] Duca S. **Rev Chir [Chir]** 1984 Sep-Oct;33(5):373-82 (Eng. Abstr.) **(Rum)**

[Acute postoperative pancreatitis in stomach and duodenal surgery] Chernousov AF, et al. **Khirurgiia (Mosk)** 1985 Jan;(1):71-4 **(Rus)**

[Total pancreatoduodenectomy for multiple pancreatic cysts] Masalin MM, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):135-6 **(Rus)**

[Isoantiperistaltic jejunogastroplasty during gastrectomy] Poliakov MA. **Khirurgiia (Mosk)** 1984 Dec;(12):101-4 **(Rus)**

[Device for surgical interventions on the major duodenal papilla] Prudkov ID, et al. **Khirurgiia (Mosk)** 1984 Jul; (7):122-3 **(Rus)**

[Surgical suture material as a cause of complications following surgery on the stomach and duodenum] Struzhko KG, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):108-10 **(Rus)**

[Remote results of supraduodenal choledochoduodenostomy] Vinogradov VV, et al. **Khirurgiia (Mosk)** 1985 Apr; (4):77-82 (Eng. Abstr.) **(Rus)**

[Distensible pyloroduodenoplasty in the surgical treatment of bleeding and stenosing duodenal ulcers] Zaitsev VT, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):34-7 (Eng. Abstr.) **(Rus)**

[Prevention of incompetence of the duodenal stump and postoperative pancreatitis] Zherlov GK, et al. **Khirurgiia (Mosk)** 1985 Jan;(1):92-5 **(Rus)**

[Transduodenal papillosphincteroplasty in middle-aged and elderly patients] Aripov UA, et al. **Klin Khir** 1984 Sep; (9):42-4 (Eng. Abstr.) **(Rus)**

[Duodenoplasty in the treatment of postampullar duodenal stenosis] Eloev VA, et al. **Klin Khir** 1984 Aug;(8):51-2 (Eng. Abstr.) **(Rus)**

[The blood kallikrein-kinin system after pancreatoduodenal resections] Kobets LG, et al. **Klin Khir** 1984 Nov;(11):8-10 (Eng. Abstr.) **(Rus)**

[Surgical treatment of an extensive defect of the duodenal wall due to a subhepatic abscess] Lifshits IuZ, et al. **Klin Khir** 1984 Nov;(11):64 **(Rus)**

[Biliodigestive anastomoses in cholangitis] Rustamov IR, et al. **Klin Khir** 1984 Nov;(11):36-8 (Eng. Abstr.) **(Rus)**

[New method of pancreatoduodenal resection with preservation of the excretory function of the pancreas] Shalimov AA, et al. **Klin Khir** 1984 Sep;(9):72-4 **(Rus)**

[Fibrogastroduodenoscopy in the evaluation of remote results of choledochoduodenostomy] Lokhvitskiĭ SV, et al. **Klin Med (Mosk)** 1984 Oct;62(10):83-6 (Eng. Abstr.) **(Rus)**

[Diagnostic endoscopy in patients with choledochoduodenoanastomosis] Vasil'ev IuV, et al. **Klin Med (Mosk)** 1984 Oct;62(10):80-2 (Eng. Abstr.) **(Rus)**

[Supraduodenal choledochoduodenal anastomosis in treating cholelithiasis] Gushcha AL, et al. **Vestn Khir** 1984 Dec; 133(12):21-4 (Eng. Abstr.) **(Rus)**

[Ligatures of gastrointestinal anastomoses and their role in postgastrectomy diseases] Volynskiĭ MA, et al. **Vestn Khir** 1984 Aug;133(8):22-5 (Eng. Abstr.) **(Rus)**

[Prevention of suture dehiscence of the duodenal stump in gastric resection for pyloroduodenal ulcers] Zemlianoĭ AG, et al. **Vestn Khir** 1985 Apr;134(4):26-32 (Eng. Abstr.) **(Rus)**

[Follow-up of biliary-digestive anastomoses using gammagraphy of the bile ducts (Tc99m-HIDA). Apropos of 20 cases] Alarco Hernández A, et al. **Rev Esp Enferm Apar Dig** 1985 Apr;67(4):326-30 (Eng. Abstr.) **(Spa)**

[A new experimental method of temporal isolation of the duodenum. Comparative study] Morandeira García JR, et al. **Rev Esp Enferm Apar Dig** 1985 Mar;67(3):229-35 (Eng. Abstr.) **(Spa)**

[Obstruction in the ampulla of Vater. Endoscopic choledochoduodenostomy—considerate alternative to conventional surgery] Cronstedt J, et al. **Lakartidningen** 1985 Apr 10;82(15):1361-3 **(Swe)**

TRANSPLANTATION

Canine pancreatic allotransplantation with duodenum (pancreaticoduodenal transplantation) using cyclosporin A. Morimoto T, et al. **Nagoya J Med Sci** 1985 Jan; 47(1-2):57-66

ULTRASTRUCTURE

Myelin figures in the basal-granulated cells of human Brunner's glands. Kamiya R, et al. **Arch Histol Jpn** 1984 Aug;47(3):337-43

Fe3+ transport by brush-border membrane vesicles isolated from normal and hypoxic mouse duodenum and ileum. Simpson RJ, et al. **Biochim Biophys Acta** 1985 Mar 28; 814(1):8-12

Ultrastructural localization of transferrin, transferrin receptor, and iron-binding sites on human placental and duodenal microvilli. Parmley RT, et al. **Br J Haematol** 1985 May;60(1):81-9

Effects of tunicamycin on thin-section and freeze-fracture images of microvilli of the duodenal epithelial cells of the mouse. Ishimura K, et al. **Cell Tissue Res** 1984;238(3):653-6

Ultrastructure of enterochromaffin cells and associated neural and vascular elements in the mouse duodenum. Wade PR, et al. **Cell Tissue Res** 1985;241(3):557-63

Ultrastructural study of the mast cells of the human duodenal mucosa. Moneret-Vautrin DA, et al. **Clin Allergy** 1984 Sep; 14(5):471-81

Surface morphology of the gastroduodenal mucosa in duodenal ulceration. Steer HW. **Gut** 1984 Nov; 25(11):1203-10

An improved procedure for immunoelectron microscopy: ultrathin plastic embedding of immunolabeled ultrathin frozen sections. Keller GA, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5744-7

DUPLICATING PROCESSES see COPYING PROCESSES

DUPUYTREN'S CONTRACTURE

Dupuytren's contracture which resolved following a traumatic incident [letter] Milner RH, et al. **J Hand Surg [Br]** 1985 Jun;10(2):277

COMPLICATIONS

Coexistence of severe palmo-plantar Dupuytren's contracture, Raynaud's phenomenon and digital joint erosions. Manger B, et al. **Rheumatol Int** 1985;5(2):95-6

ETIOLOGY

The hand complications of Colles' fractures. Stewart HD, et al. **J Hand Surg [Br]** 1985 Feb;10(1):103-6

[Ledderhose disease (case considerations)] Bottinelli NF. **Chir Ital** 1982 Dec;34(6):1005-8 (Eng. Abstr.) **(Ita)**

[Etiology of Dupuytren's contracture of the fingers (review of the literature)] Mikusev IE. **Gig Tr Prof Zabol** 1985 Jun; (6):42-5 (29 ref.) **(Rus)**

FAMILIAL & GENETIC

Histocompatibility antigen patterns in Dupuytren's contracture. Spencer JD, et al. **J Hand Surg [Br]** 1984 Oct; 9(3):276-8

[Constrictive pericarditis and flexion contracture of the hands (Dupuytren)—a syndrome?] Brass H. **Internist (Berlin)** 1984 Sep;25(9):569-70 **(Ger)**

METABOLISM

[Glycosaminoglycans in Dupuytren contracture] Gurr E, et al. **Handchir Mikrochir Plast Chir** 1984 Sep;16(3):161-3 (Eng. Abstr.) **(Ger)**

[Fibronectin in Dupuytren contracture] Menzel EJ. **Handchir Mikrochir Plast Chir** 1984 Sep;16(3):164-7 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Dupuytren type fibromatoses. A clinicopathologic study of 62 cases. Ushijima M, et al. **Acta Pathol Jpn** 1984 Sep; 34(5):991-1001

The anatomy of Dupuytren's disease. McFarlane RM. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):318-37

The isolated digital cord in Dupuytren's contracture: anatomy and clinical significance. Strickland JW, et al. **J Hand Surg [Am]** 1985 Jan;10(1):118-24

Dupuytren's disease: comparative growth dynamics and morphology between cultured myofibroblasts (nodule) and fibroblasts (cord). Vande Berg JS, et al. **J Orthop Res** 1984; 2(3):247-56

Palmar fibromatosis (Dupuytren's contracture). Ultrastructural and enzyme histochemical studies of 43 cases. Iwasaki H, et al. **Virchows Arch [A]** 1984;405(1):41-53

[Flexion contracture of the interphalangeal joint in Dupuytren disease. Anatomic and clinical observations] Geldmacher J, et al. **Handchir Mikrochir Plast Chir** 1985 Jan;17(1):4-7 (Eng. Abstr.) **(Ger)**

[Anatomic relations between skin and pathologically changed aponeurosis in Dupuytren disease] Martini AK. **Handchir Mikrochir Plast Chir** 1985 May;17(3):134-8 (Eng. Abstr.) **(Ger)**

[Micromorphological studies in Dupuytren's contracture] Gaździk T, et al. **Chir Narzadow Ruchu Ortop Pol** 1984; 49(4):345-9 (Eng. Abstr.) **(Pol)**

[Imaging of Dupuytren's disease with a scanning electron microscope] Gaździk T, et al. **Chir Narzadow Ruchu Ortop Pol** 1985;50(1):13-6 (Eng. Abstr.) **(Pol)**

RADIOTHERAPY

[Radiotherapy of Dupuytren's contracture] Köhler AH. **Radiobiol Radiother (Berl)** 1984;25(6):851-3 (Eng. Abstr.) **(Ger)**

[Dupuytren's contracture. Radiotherapy in the early stages] Herbst M, et al. **Strahlentherapie** 1985 Mar;161(3):143-7 (Eng. Abstr.) **(Ger)**

SURGERY

Current state of treatment of Dupuytren's disease. Hueston JT. **Ann Chir Main** 1984;3(1):81-92 **(Eng, Fre)**

The extensor apparatus in Dupuytren's disease. Hueston JT. **Ann Chir Main** 1985;4(1):7-10 **(Eng, Fre)**

Dermofasciectomy for Dupuytren's disease. Hueston JT. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):224-32

The open palm technique for Dupuytren's contracture. Macnicol MF. **Int Orthop** 1984;8(1):55-9

Dupuytren's disease arising from the abductor digiti minimi. Barton NJ. **J Hand Surg [Br]** 1984 Oct;9(3):265-70

Dupuytren disease. Legge JW. **Surg Annu** 1985;17:355-68 (30 ref.)

[Dupruytea's disease: results of a simplified technic] Moermans JP, et al. **Rev Med Brux** 1984 Sep;5(7):467-71 (Eng. Abstr.) **(Fre)**

[Total fasciectomy in the treatment of Dupuytren contracture] Wellner K. **Beitr Orthop Traumatol** 1985 May; 32(5):221-7 (Eng. Abstr.) **(Ger)**

[Dupuytren contracture in childhood] Berger A, et al. **Handchir Mikrochir Plast Chir** 1985 May;17(3):139-42 (Eng. Abstr.) **(Ger)**

[Use of fibrin glue in pronounced Dupuytren contracture] Eide E, et al. **Handchir Mikrochir Plast Chir** 1985 May; 17(3):145-6 (Eng. Abstr.) **(Ger)**

[2-stage operative treatment of Dupuytren contracture] Nagay B. **Handchir Mikrochir Plast Chir** 1985 May; 17(3):143-4 (Eng. Abstr.) **(Ger)**

[Technical note on the postoperative treatment of Dupuytren's disease after sub-total aponeurectomy using the Vigliani-Rodighiero method] Bottiglieri G, et al. **Chir Organi Mov** 1982-83;68(4-6):751-5 (Eng. Abstr.) **(Ita)**

DURA MATER

CT and angiography of primary extradural juxtasellar tumors. Moore T, et al. **AJR** 1985 Sep;145(3):491-6

In vitro study of the effect of epidural blood patch on leakage through a dural puncture. Rosenberg PH, et al. **Anesth Analg** 1985 May;64(5):501-4

Tentorial cavernous angioma with calcification in a neonate. Moritake K, et al. **Neurosurgery** 1985 Feb;16(2):207-11

Intradural dermoid cyst. A case report. Goodrich A, et al. **Spine** 1984 Nov-Dec;9(8):832-4

[A case of hypertrophic pachymeningitis] Hirabuki N, et al. **Rinsho Hoshasen** 1985 May;30(5):613-6 (Eng. Abstr.) **(Jpn)**

ANATOMY & HISTOLOGY

Innervation of the posterior fossa dura of the cat. Keller JT, et al. **Brain Res Bull** 1985 Jan;14(1):97-102

BLOOD SUPPLY

Spontaneous closure of a dural arteriovenous fistula associated with acute hearing loss. Landman JA, et al. **AJNR** 1985 May-Jun;6(3):448-9

Radiological anatomy of the vascularization of cranial dural arteriovenous malformations. Lasjaunias P, et al. **Anat Clin** 1984;6(2):87-99

Papilledema and dural sinus obstruction. Repka MX, et al. **J Clin Neuro Ophthalmol** 1984 Dec;4(4):247-50

Intracerebral haemorrhage complicating dural arteriovenous fistula: a report of two cases. Harding AE, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):905-11

Water-soluble myelography for the study of dural arteriovenous fistulae of the spine draining in the spinal venous system. N'Diaye M, et al. **J Neuroradiol** 1984; 11(4):327-39 **(Eng, Fre)**

Fistulae of the lateral sinus. Piton J, et al. **J Neuroradiol** 1984; 11(3):143-59 **(Eng, Fre)**

Dural AVM [letter] Lasjaunias P, et al. **Neurosurgery** 1985 Mar;16(3):435-6

Dural arteriovenous malformations and intracranial hemorrhage. Malik GM, et al. **Neurosurgery** 1984 Sep; 15(3):332-9

Dural arteriovenous malformations [letter] Schisano G. **Neurosurgery** 1985 May;16(5):731

The anterior meningeal artery and other meningeal branches of the rabbit. Kumagai H. **Okajimas Folia Anat Jpn** 1985 May;62(1):35-51

Dural arteriovenous malformation of the posterior fossa. Kaposi PN, et al. **ROFO** 1985 Jun;142(6):697-8

[Ocular manifestations and diagnosis of dural arteriovenous shunts—report of 2 cases] Xia RN. **Chung Hua Yen Ko Tsa Chih** 1984 Jul;20(4):241-4 **(Chi)**

[Results of embolization of spinal dural arteriovenous fistulas with perimedullary venous drainage] Barth MO, et al. **Neurochirurgie** 1984;30(6):381-6 (Eng. Abstr.) **(Fre)**

[Dural arteriovenous fistula; value of X-ray computed tomography (letter)] Leger JM, et al. **Presse Med** 1985 Mar 9;14(10):599-600 **(Fre)**

[Dura mater arteriovenous fistula and lateral sinus occlusion] Augustin P, et al. **Rev Neurol (Paris)** 1984;140(10):594-6 (Eng. Abstr.) **(Fre)**

[Thoracic pain and arteriovenous fistula of the spinal cord] Awada A, et al. **Rev Neurol (Paris)** 1984;140(12):740-3 (Eng. Abstr.) **(Fre)**

[Dural venous sinus occlusions in hemopathies] Meininger V, et al. **Rev Neurol (Paris)** 1985;141(3):228-33 (Eng. Abstr.) **(Fre)**

[Spontaneous regression of a dura mater arteriovenous fistula of the posterior fossa] Rohr J, et al. **Rev Neurol (Paris)** 1985;141(3):240-4 (Eng. Abstr.) **(Fre)**

[Dural AVM associated with cryptic vascular malformation presenting as an intracerebral hematoma. Case report] Otsuki H, et al. **Neurol Med Chir (Tokyo)** 1984 Aug; 24(8):632-6 (Eng. Abstr.) **(Jpn)**

EMBRYOLOGY

The sinuses of the dura mater in bovine fetuses. Frąckowiak H. **Folia Morphol** 1984;43(4):303-10

INJURIES

Accidental dural puncture [letter] Crowhurst PE. **Anaesth Intensive Care** 1985 May;13(2):213

An interesting dural tap [letter] Miller RI. **Anaesthesia** 1984 Oct;39(10):1034

Loss of face technique [letter] Sellers WF, et al. **Anaesthesia** 1985 Mar;40(3):304-5

Water-soluble contrast medium in the localisation of cord and dural stab wounds. Sutton D, et al. **Clin Radiol** 1984 Nov;35(6):483-4

Dural puncture using the lateral approach for chemonucleolysis. Dabezies EJ, et al. **Spine** 1985 Jan-Feb; 10(1):93-6

[Morphological correlates between injuries to the skull and the tentorium cerebelli in infants dying in labor with head presentation] Vlasiuk VV. **Akush Ginekol (Mosk)** 1985 Apr; (4):69-71 **(Rus)**

METABOLISM

[Localization of biogenic monoamines in the dura mater of the rat brain] Motavkin PA, et al. **Arkh Anat Gistol Embriol** 1985 May;88(5):11-6 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Superficial cerebral astrocytoma attached to dura. Report of six cases in infants. Taratuto AL, et al. **Cancer** 1984 Dec 1;54(11):2505-12

[Cranial fasciitis in children. Apropos of a case in a neonate with duramateral involvement] Pasquier B, et al. **Ann Pathol** 1984 Dec;4(5):371-5 (Eng. Abstr.) **(Fre)**

[Is calcification of the falx cerebri a sign of chondrocalcinosis? (letter)] Masson G, et al. **Presse Med** 1985 Feb 2;14(4):227-8 **(Fre)**

PHYSIOLOGY

Connective tissue scarring in experimental spinal cord lesions: significance of dural continuity and role of epidural tissues. Fernandez E, et al. **Acta Neurochir (Wien)** 1985; 76(3-4):145-8

The meningeal representation in the trigeminal ganglion--an experimental study in the cat. Steiger HJ, et al. **Headache** 1984 Nov;24(6):305-9

Effect of the skull and dura on neural axis pressure-volume relationships and CSF hydrodynamics. Shapiro K, et al. **J Neurosurg** 1985 Jul;63(1):76-81

[Spread of lumbar epidural analgesia and the epidural pressure following the drip infusion technique of local anesthetics] Matsuda I, et al. **Masui** 1984 Sep;33(9):983-90 (Eng. Abstr.) **(Jpn)**

[Epidural residual pressure and spread of analgesia in epidural anesthesia] Nishimura N, et al. **Masui** 1984 Sep;33(9):980-2 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

Pressure changes within the cauda equina following constriction of the dural sac. An in vitro experimental study. Schönström N, et al. **Spine** 1984 Sep;9(6):604-7

RADIOGRAPHY

Meckel's cave epidermoid with trigeminal neuralgia: CT findings. Kapila A, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1172-4

SURGERY

Vicryl (polyglactin 910) mesh as a dural substitute. Maurer PK, et al. **J Neurosurg** 1985 Sep;63(3):448-52

[Use of gelatin-resorcinol-formaldehyde glue in the surgical treatment of cerebrospinal rhinorrhea] Jarmundowicz W, et al. **Neurol Neurochir Pol** 1984 May-Jun;18(3):241-6 (Eng. Abstr.) **(Pol)**

TRANSPLANTATION

Triple diaphragmatic rupture with disruption of the pericardium: pericardial reconstruction by lyophilized dura allograft. Jüttner F, et al. **Ann Thorac Surg** 1984 Nov; 38(5):526-8

The use of glycerol-preserved homologous dura mater grafts in cardiac surgery: the Southampton experience. Osinowo O, et al. **Ann Thorac Surg** 1985 Apr;39(4):367-70

Fascia lata and dura mater used as soft tissue homografts in the oral cavity. Zachariades N. **J Oral Med** 1984 Oct-Dec;39(4):254-6

Renal allograft rupture: surgical treatment by renal corsetage with lyophilized human dura. Serrallach N, et al. **J Urol** 1985 Mar;133(3):452-5

Free grafts in rhinoplasty [letter] Kesselring UK. **Plast Reconstr Surg** 1985 Apr;75(4):609

The use of dura mater allograft in the surgical repair of large defects of the abdominal wall. Quilici PJ, et al. **Surg Gynecol Obstet** 1985 Jul;161(1):47-8

[Closing of an old post-traumatic diaphragmatic defect using homologous material under the circumstances of a second trauma] Meissner K, et al. **Unfallchirurg** 1985 Jun; 88(6):267-9 (Eng. Abstr.) **(Ger)**

[Homologous dura mater implanted at the right ventricular outlet with its periostal or arachnoid face turned to the cavity] Stolf NA, et al. **Arq Bras Cardiol** 1984 Dec; 43(6):397-402 (Eng. Abstr.) **(Por)**

[Surgical treatment of paralytic strabismus using dura mater transplants] Chekhova SP. **Oftalmol Zh** 1985;(2):80-2 (Eng. Abstr.) **(Rus)**

[Transplantation of the dura mater of the human fetus in progressive myopia] Zaikova MV, et al. **Vestn Oftalmol** 1984 Nov-Dec;(6):33-4 (Eng. Abstr.) **(Rus)**

[Xenoplasty of the dura mater by means of formalinized grafts] Beloded VG, et al. **Zh Vopr Neirokhir** 1985 Jul-Aug; (3):49-54 (Eng. Abstr.) **(Rus)**

DURSBAN

Ultralow-volume mists of chlorpyrifos from a tractor-mounted blower for area control of the lone star tick (Acari: Ixodidae). Mount GA, et al. **J Econ Entomol** 1984 Oct;77(5):1219-23

PHARMACODYNAMICS

Effects of chlorpyrifos and environmental factors on the distribution of German cockroaches (Orthoptera: Blattellidae) in Ebeling choice boxes. Rauscher JD, et al. **J Econ Entomol** 1985 Jun;78(3):607-12

POISONING

Acute organophosphate poisoning presenting with choreo-athetosis. Joubert J, et al. **J Toxicol Clin Toxicol** 1984;22(2):187-91

TOXICITY

Comparative acute sensitivities of early life stages of atherinid fishes to chlorpyrifos and thiobencarb. Borthwick PW, et al. **Arch Environ Contam Toxicol** 1985 Jul;14(4):465-73

A new early life-stage toxicity test using the California grunion (Leuresthes tenuis) and results with chlorpyrifos. Goodman LR, et al. **Ecotoxicol Environ Safety** 1985 Aug; 10(1):12-21

DUST

see related
PNEUMOCONIOSIS

Standardization of house dust mite extracts. Liberation of allergenic and antigenic components in relation to extraction conditions. Kauffman HF, et al. **Allergy** 1985 Apr;40(3):143-50

The accuracy of self-reported regulatory data: the case of coal mine dust. Boden LI, et al. **Am J Ind Med** 1984;

6(6):427–40

Silica, pneumoconiosis, and carcinoma of the lung. Heppleston AG. **Am J Ind Med** 1985;7(4):285–94 (72 ref.)

House dust control and asthma: a placebo-control trial of cleaning air filtration. Bowler SD, et al. **Ann Allergy** 1985 Sep;55(3):498–500

Dust mite avoidance in the treatment of asthma [editorial] Platts-Mills TA. **Ann Allergy** 1985 Sep;55(3):419–20

Byssinosis: thromboxane release from human platelets by cotton dust and bract extracts. Mundie TG, et al. **Arch Environ Health** 1985 May–Jun;40(3):165–9

An assessment of the relative dustiness of different alginate impression materials under simulated working conditions. Knibbs PJ, et al. **Br Dent J** 1985 Mar 9;158(5):171–6

The chemiluminescent response of human phagocytic cells to mineral dusts. Gormley IP, et al. **Br J Exp Pathol** 1985 Aug;66(4):409–16

Role of house dust mites in Kawasaki disease [letter] Murray AB, et al. **Can Med Assoc J** 1984 Oct 1;131(7):720

Mineral dusts in lungs with scar or scar cancer. Yao YT, et al. **Cancer** 1984 Nov 1;54(9):1814–23

Mites and house dust allergy. IV. Antigen and allergen(s) of Dermatophagoides pteronyssinus extract. Biliotti G, et al. **Clin Allergy** 1975 Mar;5(1):69–77

The inorganic dust pneumoconioses. Stankus RP, et al. **Clin Rev Allergy** 1985 May;3(2):235–47 (57 ref.)

The distribution of dust in the rat lung following administration by inhalation and by single intratracheal instillation. Pritchard JN, et al. **Environ Res** 1985 Apr;36(2):268–97

Murine natural resistance to Trypanosoma lewisi involves complement component C3 and radiation-resistant, silica dust-sensitive effector cells. Albright JW, et al. **Infect Immun** 1985 Jan;47(1):176–82

Recognition of species-specific and cross-reacting antigenic determinants on house dust mite (Dermatophagoides) allergens using monoclonal antibodies. Chapman MD, et al. **Int Arch Allergy Appl Immunol** 1985;77(1–2):166–8

Mites of the genus Dermatophagoides in dust from the houses of asthmatic and other allergic patients in North America: development of a radioimmunoassay for allergen produced by D. farinae and/or D. pteronyssinus. Platts-Mills TA, et al. **Int Arch Allergy Appl Immunol** 1985;77(1–2):163–5

A collaborative study on the first international standard of Dermatophagoides pteronyssinus (house dust mite) extract. Ford A, et al. **J Allergy Clin Immunol** 1985 Jun;75(6):676–86

Sensitization to house dust mites in different climatic areas. Murray AB, et al. **J Allergy Clin Immunol** 1985 Jul;76(1):108–12

Mycobacterium thermoresistibile from dust of Japanese houses. Tsukamura M, et al. **Microbiol Immunol** 1985;29(5):467–73

Spontaneous organic dust pneumoconiosis in guinea pigs. Muto T. **Nippon Juigaku Zasshi** 1984 Dec;46(6):925–7

Dermatophagoides––the house dust mite. Green WF. **Papua New Guinea Med J** 1983 Jun;26(2):86–8

Pulmonary deposition of a fly ash aerosol by inhalation. Tanaka I, et al. **Sangyo Ika Daigaku Zasshi** 1983 Dec 1;5(4):423–31

Lung retention of antimony and arsenic in hamsters after the intratracheal instillation of industrial dust. Leffler P, et al. **Scand J Work Environ Health** 1984 Aug;10(4):245–51

Concentration-dependent respiratory response of guinea pigs to a single exposure of cotton dust. Ellakkani MA, et al. **Toxicol Appl Pharmacol** 1985 Sep 15;80(2):357–66

Pulmonary response of rats exposed to titanium dioxide (TiO2) by inhalation for two years. Lee KP, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):179–92

An aerosol generator for the resuspension of cotton dust. Weyel DA, et al. **Toxicol Appl Pharmacol** 1984 Dec;76(3):544–7

[Occurrence of housedust mites (Astigmata; Pyroglyphidae) in stables] Enge A, et al. **Angew Parasitol** 1984 Aug;25(3):132–41 (Eng. Abstr.) **(Ger)**

[Concentration and size distribution of air-borne dust particles in horse stables] Zeitler MH. **Berl Munch Tierarztl Wochenschr** 1985 Jul 1;98(7):241–6 (Eng. Abstr.) **(Ger)**

[Industrial hygiene: dusts and fibers as hazards in the industrial milieu] **Soz Praventivmed** 1985;30(1):44–53 **(Ger)**

[The influence of road dust on asthmatic children] Morikawa T. **Arerugi** 1985 May;34(5):297–304 (Eng. Abstr.) **(Jpn)**

[The increase in serum IgE and anti-Dermatophagoides pteronyssinus (anti-DP) specific IgE levels during stay at home in institutionalized asthmatic children. The role of house dust mite in the dwelling as a trigger of asthma attack in mite-sensitive patients] Muto K, et al. **Arerugi** 1985 Mar;34(3):173–83 (Eng. Abstr.) **(Jpn)**

[Mycobacteria from dusts of Japanese houses] Tsukamura M, et al. **Kekkaku** 1984 Dec;59(12):625–31 (Eng. Abstr.) **(Jpn)**

[A follow-up study on pulmonary functions of workers exposed to various forms of dust. Observation on the workers of pneumoconiosis in Kitakyushu] Baba Y, et al. **Sangyo Ika Daigaku Zasshi** 1983 Sep 1;5(3):351–8 (Eng. Abstr.) **(Jpn)**

[Bioluminescent determination of ATP in peritoneal macrophages phagocytosing dust particles] Korkina LG, et al. **Gig Tr Prof Zabol** 1985 Mar;(3):22–6 (Eng. Abstr.) **(Rus)**

[Mite fauna of the dust in the dwellings of bronchial asthma patients in the Lithuanian SSR] Dubinina EV, et al. **Med Parazitol (Mosk)** 1984 Sep–Oct;(5):63–7 (Eng. Abstr.) **(Rus)**

[Ecology and the mite fauna of house dust] Ivanova LN, et al. **Med Parazitol (Mosk)** 1984 Sep–Oct;(5):78–82 (Eng. Abstr.) **(Rus)**

[Fauna of dust-dwelling mites in the Maritime Territory] Tareev VN, et al. **Parazitologiia** 1985 Jan–Feb;19(1):27–31 (Eng. Abstr.) **(Rus)**

[Biological role of contaminants of construction material dust based on natural silicates in the development of pneumoconiosis (experimental study)] Khmel'nitskiĭ OK, et al. **Vestn Akad Med Nauk SSSR** 1984;(10):61–8 (Eng. Abstr.) **(Rus)**

[The effect of soot in the presence of ammonia on the behavior of sulphur-dioxide in the air in a model system] Gentilizza M, et al. **Arh Hig Rada Toksikol** 1984 Sep;35(3):269–76 (Eng. Abstr.) **(Scr)**

[Penetration of radioactive dust through the skin] Pejušković B. **Vojnosanit Pregl** 1985 May–Jun;42(3):186–8 (Eng. Abstr.) **(Scr)**

ADVERSE EFFECTS

Experimental studies on carcinogenesis in the nasal mucosa. Drettner B, et al. **Acta Otolaryngol (Stockh)** 1985 Mar–Apr;99(3–4):205–7

Sinonasal cancer and exposure to softwood. Voss R, et al. **Acta Otolaryngol (Stockh)** 1985 Jan–Feb;99(1–2):172–8

Effects of wood dust exposure and diethylnitrosamine. A pilot study in Syrian golden hamsters. Wilhelmsson B, et al. **Acta Otolaryngol (Stockh)** 1985 Jan–Feb;99(1–2):160–71

Nasal problems in wood furniture workers. A study of symptoms and physiological variables. Wilhelmsson B, et al. **Acta Otolaryngol (Stockh)** 1984 Nov–Dec;98(5–6):548–55

House dust mite allergy. Mosbech H. **Allergy** 1985 Feb;40(2):81–91 (93 ref.)

The incidence and progression of pneumoconiosis over nine years in U.S. coal miners: II. Relationship with dust exposure and other potential causative factors. Attfield M, et al. **Am J Ind Med** 1984;6(6):417–25

Pneumoconiosis associated with exposure to glass and abrasive particles. Brody J, et al. **Am J Ind Med** 1984;6(5):339–45

In vitro assessment of the fibrogenicity of mineral dusts. Heppleston AG, et al. **Am J Ind Med** 1984;6(5):373–86

Fertility of male workers exposed to mercury vapor or to manganese dust: a questionnaire study. Lauwerys R, et al. **Am J Ind Med** 1985;7(2):171–6

Symptoms, pulmonary function, and bronchial hyperreactivity in western red cedar workers compared with those in office workers. Chan-Yeung M, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1038–41

Small airways disease and mineral dust exposure. Prevalence, structure, and function. Churg A, et al. **Am Rev Respir Dis** 1985 Jan;131(1):139–43

Lung allograft rejection in the rat. V. Inhaled stimuli aggravate the rejection response. Prop J, et al. **Am Rev Respir Dis** 1985 Jul;132(1):168–72

A respiratory epidemiologic survey of grain mill workers in Cape Town, South Africa. Yach D, et al. **Am Rev Respir Dis** 1985 Apr;131(4):505–10

Storage mites culturing, sampling technique, identification and their role in housedust allergy in rural areas in the United Kingdom. Eaton KK, et al. **Ann Allergy** 1985 Jul;55(1):62–7

A comparison of exposure to airborne dust in cotton processing plants estimated from personal and workzone samples. Cinkotai FF, et al. **Ann Occup Hyg** 1984;28(3):347–52

Vegetable dust pollution in the textile industry. Comparison between various sampling methods. De Rosa E, et al. **Ann Occup Hyg** 1984;28(3):341–6

Airborne asbestos and public health. Davis DL, et al. **Annu Rev Public Health** 1985;6:195–221

Rice millers' syndrome: a preliminary report. Lim HH, et al. **Br J Ind Med** 1984 Nov;41(4):445–9

Lung function after exposure to barley dust. McCarthy PE, et al. **Br J Ind Med** 1985 Feb;42(2):106–10

Acute lung function response to cotton dust in atopic and non-atopic individuals. Sepulveda MJ, et al. **Br J Ind Med** 1984 Nov;41(4):487–91

Cotton induced bronchoconstriction detected by a forced random noise oscillator. Sepulveda MJ, et al. **Br J Ind Med** 1984 Nov;41(4):480–6

Bronchial reactivity in green coffee exposure. Zuškin E, et al. **Br J Ind Med** 1985 Jun;42(6):415–20

Inhalation studies on the effects of tremolite and brucite dust in rats. Davis JM, et al. **Carcinogenesis** 1985 May;6(5):667–74

Chronic lung disease in cotton textile workers [letter] **Chest** 1985 Mar;87(3):406–8

Predictors of bronchial hyperexcitability in grainhandlers. Enarson DA, et al. **Chest** 1985 Apr;87(4):452–5

Housedust mites (D. pteronyssinus) in pets' beds and their relation to dust allergy. Eaton KK, et al. **Clin Allergy** 1985 Mar;15(2):151–4

Decrease in reactivity of basophils by immunotherapy with housedust extract. Kimura I, et al. **Clin Allergy** 1985 Jan;15(1):1–7

Reduction of house dust mite allergen levels in the home: use of the acaricide, pirimiphos methyl. Mitchell EB, et al. **Clin Allergy** 1985 May;15(3):235–40

Allergenic impact of inhaled arthropod material. Kang B, et al. **Clin Rev Allergy** 1985 Jul;3(3):363–75 (86 ref.)

Lung response to particulates with emphasis on asbestos and other fibrous dusts. Lee KP. **CRC Crit Rev Toxicol** 1985;14(1):33–86 (278 ref.)

A new approach to immunotherapy for house dust mite (D. pteronyssinus) allergy with high dosage of an aluminium adsorbed extract. Eaton K. **Curr Med Res Opin** 1984;9(4):235–9

Extreme fatigue and malaise––a syndrome caused by badly cleaned wall-to-wall carpets? Nexø E, et al. **Ecol Dis** 1983;2(4):415–8

Interaction of Mount St. Helens' volcanic ash with cells of the respiratory epithelium. Adler KB, et al. **Environ Res** 1984 Dec;35(2):346–61

The response of rat alveolar macrophages to chronic inhalation of coal dust and/or diesel exhaust. Castranova V, et al. **Environ Res** 1985 Apr;36(2):405–19

Influenza virus infection in mice after exposure to coal dust and diesel engine emissions. Hahon N, et al. **Environ Res** 1985 Jun;37(1):44–60

Genotoxicity studies of rodents exposed to coal dust and diesel emission particulates. Ong T, et al. **Environ Res** 1985 Aug;37(2):399–409

Genotoxic activity of nitrosated coal dust extract in mammalian systems. Tucker JD, et al. **Environ Res** 1984 Oct;35(1):171–9

Morphological aspects of mesotheliomas after intratracheal instillations of fibrous dusts in Syrian golden hamsters. Mohr U, et al. **Exp Pathol** 1984;26(3):179–83

Hypersensitivity pneumonitis due to cotton dust in Indian children. Chetty A, et al. **Indian J Pediatr** 1984 May–Jun;51(410):341–4

Sauna, dust and migration as risk factors in lung cancer among smoking and non-smoking males in Finland. Tenkanen L, et al. **Int J Cancer** 1985 May 15;35(5):637–42

Asthma caused by African maple (Triplochiton scleroxylon) wood dust. Hinojosa M, et al. **J Allergy Clin Immunol** 1984 Dec;74(6):782–6

Interaction of silicate dust with erythrocyte ghost membrane: in vitro studies. Singh SV, et al. **J Appl Toxicol** 1984 Oct;4(5):236–40

Immunomodulatory effects of mineral dust. I. Effects of intraperitoneal dust inoculation on splenic lymphocyte function and humoral immune responses in vivo. Hannant D, et al. **J Clin Lab Immunol** 1985 Feb;16(2):81–5

Aerosol particle deposition in human lungs. Nauš A, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(3):261–6

Respiratory function and exposure-effect relationships in wood dust-exposed and control workers. Holness DL, et al. **J Occup Med** 1985 Jul;27(7):501–6

Chronic inhalation of diesel exhaust and coal dust: effect of age and exposure on selected enzyme activities associated with microsomal cytochrome P-450 in rat lung and liver. Rabovsky J, et al. **J Toxicol Environ Health** 1984;14(5–6):655–66

Interactions of complement with an extract of airborne spring wheat dust. Wirtz GH, et al. **J Toxicol Environ Health** 1984;14(4):511–23

Helium-oxygen spirometry in experimental cotton dust exposure. Sepulveda MJ, et al. **Lung** 1984;162(6):347–56

A subject for inquest––two cases of woodworkers' adenocarcinoma. Sarvesvaran R, et al. **Med Sci Law** 1985 Jan;25(1):63–6

House dust mite allergies in military personnel. King MJ, et al. **Milit Med** 1985 Jan;150(1):19–22

A comparison of the inhibitory effects of ketotifen and disodium cromoglycate on bronchial responses to house dust, with special reference to the late asthmatic response. Adachi M, et al. **Pharmatherapeutica** 1984;4(1):36–42

Duration of exposure––histological effects on broiler lungs, performance, and house environment with Mt. St. Helens' volcanic ash dust. Bland MC, et al. **Poult Sci** 1985 Jan;64(1):51–8

Hypersensitivity pneumonitis concomitant with acute airway obstruction after exposure to hay dust. Baur X, et al. **Respiration** 1984;46(4):354–61

The effects of grain dust on health. Manfreda J, et al. **Rev Environ Health** 1984;4(3):239–67

Effects of wood dust exposure and diethylnitrosamine in an animal experimental system. Wilhelmsson B, et al. **Rhinology** 1985 Jun;23(2):114–7

Epidemiology of occupational nasal cancer and other occupational nasal problems caused by wood dust. Wilhelmsson B. **Rhinology** 1985 Jun;23(2):106–8

A follow-up study on the lung disorders of rush (igusa) farmers exposed to 'sendo' dust. Ueda A, et al. **Sangyo Igaku** 1984 Jan;26(1):32–44

Organic dusts and lung reactions––exposure characteristics and mechanisms for disease. Rylander R. **Scand J Work Environ Health** 1985 Jun;11(3 Spec No):199–206

Man-made mineral fibers and health. Answered and unanswered questions. Saracci R. **Scand J Work Environ Health** 1985 Jun;11(3 Spec No):215–22

Effect of slate dust on the rat erythrocyte membrane composition: in vitro and in vivo studies. Singh SV, et al. **Toxicol Lett** 1985 Aug;26(2–3):199–204

Low-dose chronic inhalation of diesel exhaust and/or coal dust by rats: effect of age and exposure on lung and liver cytochrome P–450. Rabovsky J, et al. **Xenobiotica** 1984 Jul;14(7):595–8

[Lung tissue in intratracheal exposure to mine dust] Mikhailova A, et al. **Probl Khig** 1984;9:112–6 (Eng. Abstr.) **(Bul)**

[Maximal expiratory flow–volume curves (MEFV) in workers exposed to cement dust] Zhu EC. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Mar;18(2):77–81 (Eng. Abstr.) **(Chi)**

[Frequency of sensitization to D. pteronyssinus or D. farinae in children with perennial bronchial asthma] Zimmermann T, et al. **Monatsschr Kinderheilkd** 1985 Apr;133(4):214–8 (Eng. Abstr.) **(Ger)**

[Pilot study on the health status of tanners doing chromium–tanned leather polishing] Bulikowski W, et al. **Z Gesamte Hyg** 1985 Feb;31(2):114–5 (Eng. Abstr.) **(Ger)**

[Dust and the pathogen content of air in school classrooms] Völksch G, et al. **Z Gesamte Hyg** 1984 Sep;30(9):491–4 (Eng. Abstr.) **(Ger)**

[Chronic tracheobronchitis caused by exposure to alabaster and polyester resin dust: 2 case reports] Talini D, et al. **Med Lav** 1985 Mar–Apr;76(2):166–9 (Eng. Abstr.) **(Ita)**

[Recommendations of maximum permissible exposure level (1984), made by Japanese Society of Industrial Health] **Sangyo Igaku** 1984 Jul;26(4):339–64 **(Jpn)**

[Biological evaluation of the aggressiveness of copper slag dust] Szymczykiewicz K, et al. **Med Pr** 1984;35(3):201–8 (Eng. Abstr.) **(Pol)**

[Mites in house dust and human allergoses] Zhěltikova TM, et al. **Biol Nauki** 1985;(2):12–30 (100 ref.) (Eng. Abstr.) **(Rus)**

[Biological action of the dust from lead–barite ore] Burkhanov AI, et al. **Gig Tr Prof Zabol** 1985 Apr;(4):30–3 (Eng. Abstr.) **(Rus)**

[Assessment of the maximum permissible concentration of quartz dust in the air by its experimentally established maximum permissible content in the lungs] Elovskaia LT, et al. **Gig Tr Prof Zabol** 1985 Apr;(4):16–21 (Eng. Abstr.) **(Rus)**

[Biological effect of dusts from carbon fibrous materials on the body (experimental data)] Fediakina RP. **Gig Tr Prof Zabol** 1984 Jul;(7):30–2 (Eng. Abstr.) **(Rus)**

[Characteristics of the effect of dusts from mixed feeds of various compositions on the body] Mosendz SA. **Gig Tr Prof Zabol** 1984 Sep;(9):42–3 **(Rus)**

[Modification of the basophil degranulation test for determining sensitization to house dust antigens] Pogomii NN, et al. **Lab Delo** 1984;(12):732–4 (Eng. Abstr.) **(Rus)**

[Effect of hyperbaric oxygenation on the exercise tolerance of patients with dust–induced bronchitis] Efuni SN, et al. **Sov Med** 1984;(12):8–12 (Eng. Abstr.) **(Rus)**

[The kallikrein–kinin system in dust–induced bronchitis] Lapshina IM, et al. **Sov Med** 1984;(11):16–21 (Eng. Abstr.) **(Rus)**

[Iron-containing blood proteins in poisoning by polyamide compounds] Zolotov PA, et al. **Vopr Med Khim** 1985 May–Jun;31(3):45–8 (Eng. Abstr.) **(Rus)**

[Asthma, allergy to house dust, and complement] Hernández Crespo L, et al. **Alergia** 1984 Oct–Dec;31(4):131–3 (Eng. Abstr.) **(Spa)**

ANALYSIS

Aerosol resuspension from fabric: implications for personal monitoring in the beryllium industry. Bohne JE Jr, et al. **Am Ind Hyg Assoc J** 1985 Feb;46(2):73–9

A critique of MSHA procedures for determination of permissible respirable coal mine dust containing free silica. Corn M, et al. **Am Ind Hyg Assoc J** 1985 Jan;46(1):4–8

A new static sampler for airborne total dust in workplaces. Mark D, et al. **Am Ind Hyg Assoc J** 1985 Mar;46(3):127–33

Comparison of mass concentrations determined with personal respirable coal mine dust samplers operating at 1.2 liters per minute and the Casella 113A gravimetric sampler (MRE). Treaftis HN, et al. **Am Ind Hyg Assoc J** 1984 Dec;45(12):826–32

Mineral dust and cell recovery from the bronchoalveolar lavage of healthy Vermont granite workers. Christman JW, et al. **Am Rev Respir Dis** 1985 Aug;132(2):393–9

Quantitative determination of crystalline silica in respirable–size dust samples by infrared spectrophotometry. Foster RD, et al. **Analyst** 1984 Sep;109(9):1117–27

Dissemination of dust by central and portable vacuum cleaners. Sly RM, et al. **Ann Allergy** 1985 Mar;54(3):209–12

The assessment of a modification to the acetone/triacetin clearing technique as used in the measurement of airborne asbestos dust. Furness IW, et al. **Ann Occup Hyg** 1985;29(1):109–12

Determination of free quartz surfaces in coal mine dust. Kriegseis W, et al. **Ann Occup Hyg** 1985;29(1):91–9

Microanalyses of lesions and lymph nodes from coalminers' lungs. Chapman JS, et al. **Br J Ind Med** 1985 Aug;42(8):551–5

Comparison of radiographic appearances with associated pathology and lung dust content in a group of coalworkers. Ruckley VA, et al. **Br J Ind Med** 1984 Nov;41(4):459–67

Transmigration of titanium dioxide (TiO2) particles in rats after inhalation exposure. Lee KP, et al. **Exp Mol Pathol** 1985 Jun;42(3):331–43

Effect of vacuum cleaning on house dust mites. Massey JE, et al. **Hawaii Med J** 1984 Nov;43(11):404, 406

Mycotoxins in grain dust: method for analysis of aflatoxins, ochratoxin A, zearalenone, vomitoxin, and secalonic acid D. Ehrlich KC, et al. **J Assoc Off Anal Chem** 1984 Sep–Oct;67(5):963–7

Airborne endotoxins in a rice production commune in the People's Republic of China. Olenchock SA, et al. **J Toxicol Environ Health** 1984;13(4–6):545–51

Aflatoxin in respirable airborne peanut dust. Sorenson WG, et al. **J Toxicol Environ Health** 1984;14(4):525–33

Identification of aflatoxin B1 in grain elevator dusts in central Illinois. Zennie TM. **J Toxicol Environ Health** 1984;13(4–6):589–93

Lead in playground dust and on the hands of schoolchildren. Duggan MJ, et al. **Sci Total Environ** 1985 Jul;44(1):65–79

Properties and toxicity of airborne wood dust in wood–working establishments. Liu WK, et al. **Toxicol Lett** 1985 Jul;26(1):43–52

Gram–negative bacterial endotoxins in airborne dusts from washed and unwashed cottons. Olenchock SA. **Z Erkr Atmungsorgane** 1984;163(3):208–16

[Investigation of the permissible concentrations of free silica dust] Liu JD. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Mar;18(2):101–4 (Eng. Abstr.) **(Chi)**

[Fibrogenicity of real mine dust and dust deposits isolated from the lungs of miners in an animal experiment] Havránková J, et al. **Bratisl Lek Listy** 1985 Jul;84(1):34–44 (Eng. Abstr.) **(Cze)**

[Results of fractionating suspended dust measurements in the upper particle size range] Bake D. **Schriftenr Ver Wasser Boden Lufthyg** 1984;59:99–104 **(Ger)**

[Realization of the ECC guidelines on limit values and leading values for sulfur dioxide and suspended dust] Lahmann E, et al. **Schriftenr Ver Wasser Boden Lufthyg** 1984;59:109–15 **(Ger)**

[Comparative evaluation of suspended dust emission in conformity with ECC guideline 80/779 using the Black–Smoke method and a gravimetric procedure] Laskus L. **Schriftenr Ver Wasser Boden Lufthyg** 1984;59:83–98 **(Ger)**

[Report on measures by the Commission of the European Community for the conversion of Article 10 of the guidelines on limit and leading values for SO2 and suspended dust] Zierock KH. **Schriftenr Ver Wasser Boden Lufthyg** 1984;59:129–43 **(Ger)**

[Sulfate determination in airborne dust by the thorin method] Auermann E, et al. **Z Gesamte Hyg** 1984 Nov;30(11):648–50 (Eng. Abstr.) **(Ger)**

[Strategy of konimetric sampling of asbestos–containing dusts] Karsten H. **Z Gesamte Hyg** 1985 Mar;31(3):163–5 (Eng. Abstr.) **(Ger)**

[Behavior of vanadium in the environment] Schnabel R, et al. **Z Gesamte Hyg** 1984 Nov;30(11):597–600 (Eng. Abstr.) **(Ger)**

[Results of conimetric dust measurement in sea travel from the northern to southern hemispheres across the Atlantic Ocean] Schrader G, et al. **Z Gesamte Hyg** 1984 Dec;30(12):726–8 (Eng. Abstr.) **(Ger)**

[Occurrence of phenolic compounds in the dust of swine stalls and henhouses] Hartung J, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Oct;179(5):431–9 (Eng. Abstr.) **(Ger)**

[Allergenic Acari] Ottoboni F, et al. **Boll Ist Sieroter Milan** 1984;63(5):389–419 (125 ref.) (Eng. Abstr.) **(Ita)**

[Optimization of environmental sampling of quartziferous dust as a function of the limits and non–linearity of the diffractometric response] Casciani G, et al. **Med Lav** 1984 May–Jun;75(3):200–6 (Eng. Abstr.) **(Ita)**

[Effects of dust caused by spike tires on the respiratory system] Hiraga Y, et al. **Hokkaido Igaku Zasshi** 1985 Jan;60(1):4–7 **(Jpn)**

[Analysis of airborne particulate matters by neutron activation analysis and particle induced X–ray emission technics] Hashimoto Y, et al. **Radioisotopes** 1984 Nov;33(11):814–23 (35 ref.) **(Jpn)**

[Determination of free silica in airborne dust by phosphoric acid method] Koyano M, et al. **Sangyo Igaku** 1984 Jan;26(1):9–14 (Eng. Abstr.) **(Jpn)**

[Intrapulmonary reactions of workers exposed to dust and ozone] Tsunoda T, et al. **Sangyo Igaku** 1984 Jan;26(1):53–67 (Eng. Abstr.) **(Jpn)**

[Air pollution survey in Kitakyushu district] Kodama Y, et al. **Sangyo Ika Daigaku Zasshi** 1983 Dec 1;5(4):449–60 (Eng. Abstr.) **(Jpn)**

[Characteristics of the dust factor and the course of anthracosilicosis in the underground transport workers of coal mines] Elez AI, et al. **Gig Tr Prof Zabol** 1985 Apr;(4):7–10 (Eng. Abstr.) **(Rus)**

[Air dust content in highly efficient air conditioners] Grebtsov EM, et al. **Gig Tr Prof Zabol** 1984 Aug;(8):47 **(Rus)**

PREVENTION & CONTROL

[Removal of the dust from the air of the work area in the dressing plant of the Iultinskii Ore Enrichment Combine] Bolotov AM. **Gig Tr Prof Zabol** 1985 May;(5):51–2 **(Rus)**

DWARFISM

Kabuki makeup syndrome (Niikawa–Kuroki syndrome) in Europe [letter] Braun OH, et al. **J Pediatr** 1984 Nov;105(5):849–50

BLOOD

Somatomedin C response to growth hormone in psychosocial growth retardation. Holmes NE, et al. **Am J Med Sci** 1984 Sep;288(2):86–8

Use of lymphoblastoid cell lines to evaluate the hypersensitivity to ultraviolet radiation in Cockayne syndrome. Otsuka F, et al. **J Invest Dermatol** 1984 May;82(5):480–4

[Growth hormone deficiency in children. Diagnostic methods] Canlorbe P, et al. **Bull Acad Natl Med (Paris)** 1984 May–Jun;168(5–6):539–42 (Eng. Abstr.) **(Fre)**

COMPLICATIONS

The ocular findings in Kniest dysplasia. Maumenee IH, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):155–60

Respiratory complications of metatropic dwarfism. Belik J, et al. **Clin Pediatr (Phila)** 1985 Sep;24(9):504–11

McKusick's dwarfism and resistant Hodgkin's disease [letter] Hensley MF. **J Am Osteopath Assoc** 1984 Oct;84(2):159

[Silver–Russell syndrome associated with congenital hip dislocation. Description of a case] Rubbini L, et al. **Chir Organi Mov** 1984;69(3):301–5 (Eng. Abstr.) **(Ita)**

[A case of pycnodysostosis] Utoh A, et al. **No Shinkei Geka** 1985 Feb;13(2):217–22 (Eng. Abstr.) **(Jpn)**

CONGENITAL

Unusual cause of short stature. Larsen JL, et al. **Am J Med** 1985 Jun;78(6 Pt 1):1025–32

Oculo–palato–cerebral dwarfism: a new syndrome. Frydman M, et al. **Clin Genet** 1985 Apr;27(4):414–9

[Acromesomelic dysplasia. Apropos of a new case] Stichelbout P, et al. **Arch Fr Pediatr** 1984 Aug–Sep;41(7):487–9 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

Mauriac's syndrome revisited. Traisman HS, et al. **Eur J Pediatr** 1984 Sep;142(4):296–7

Achondrogenesis type I: ultrasound diagnosis in utero. Benacerraf B, et al. **JCU** 1984 Jul–Aug;12(6):357–9

Prenatal diagnosis of Cockayne's syndrome. Lehmann AR, et al. **Lancet** 1985 Mar 2;1(8427):486–8

Linearization of human growth curves affords new classification of dwarfism. Schreiber G, et al. **Med Hypotheses** 1985 Feb;16(2):173–8

Prenatal diagnosis of campomelic dysplasia by ultrasonography. Winter R, et al. **Prenat Diagn** 1985 Jan–Feb;5(1):1–8

[Prenatal diagnosis of thanatophoric dwarfism with a cloverleaf skull––ultrasonographic findings, humane genetic aspects] Weiss H, et al. **Geburtshilfe Frauenheilkd** 1984 Aug;44(8):525–8 (Eng. Abstr.) **(Ger)**

[Performance capacity of children with growth retardation] Hinkel GK, et al. **Kinderarztl Prax** 1985 Jan;53(1):27–32 (Eng. Abstr.) **(Ger)**

[Activation of the kallikrein–kinin system by clonidine] Kühne H, et al. **Z Gesamte Inn Med** 1984 Nov 15;39(22):566–9 (Eng. Abstr.) **(Ger)**

[An atypical case of Cockayne syndrome showing a decrease in cultured skin fibroblast colonies by ultraviolet irradiation] Shooji M, et al. **Rinsho Shinkeigaku** 1985 Feb;25(2):141–6 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

Heterogeneity of growth–hormone deficiency [letter] Mitrakou A, et al. **Lancet** 1985 Feb 16;1(8425):399–400

[Growth retardation, GH deficiency, hyperprolactinemia and delayed puberty] Carmona M, et al. **An Esp Pediatr** 1985 Apr 15;22(5):397–401 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

GAPO syndrome: report of three affected brothers. Gagliardi AR, et al. **Am J Med Genet** 1984 Oct;19(2):217–23

Familial recurrence of geleophysic dysplasia. Koiffmann CP, et al. **Am J Med Genet** 1984 Nov;19(3):483–6

Geleophysic dysplasia. Spranger J, et al. **Am J Med Genet** 1984 Nov;19(3):487–99

Ruvalcaba syndrome: autosomal dominant inheritance. Sugio Y, et al. **Am J Med Genet** 1984 Dec;19(4):741–53

Growth retardation, alopecia, pseudo–anodontia, and optic atrophy––the GAPO syndrome: report of a patient and review of the literature. Tipton RE, et al. **Am J Med Genet** 1984 Oct;19(2):209–16

Osteodysplastic primordial dwarfism: report of a further patient with manifestations similar to those seen in patients with types I and III. Winter RM, et al. **Am J Med Genet** 1985 Jul;21(3):569–74

Host cell reactivation of ultraviolet light irradiated adenovirus 5 in fibroblasts from patients with Cockayne syndrome: a study with six Japanese cases. Watatani M, et al. **J Radiat Res (Tokyo)** 1984 Jun;25(2):150–9

Establishment of Cockayne syndrome fibroblast cell line belonging to complementation group B by SV40 transformation. Tanaka K, et al. **Jinrui Idengaku Zasshi**

1985 Mar;30(1):21-9

[Dyggve-Melchior-Clausen syndrome] Beemer FA, et al. **Tijdschr Kindergeneeskd** 1984 Jun;52(3):103-7 (Eng. Abstr.) (Dut)

[Congenital hydrocephalus, oligophrenia, dwarfism, centripetal obesity and hypogonadism; an X-linked recessive hereditary illness?] Sengers RC, et al. **Tijdschr Kindergeneeskd** 1985 Feb;53(1):31-4 (Eng. Abstr.) (Dut)

[Spondylometaphyseal dysplasia--apparently Feldman type] Vaněk J. **Padiatr Grenzgeb** 1984;23(5):311-7 (Eng. Abstr.) (Ger)

METABOLISM

Pseudoachondroplasia: biochemical and histochemical studies of cartilage. Pedrini-Mille A, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1408-14

Effects of growth hormone on lipogenesis and glucose oxidation in genetically GH-deficient mice. Adamafio NA, et al. **Mol Cell Endocrinol** 1984 Sep;37(2):241-4

[Study of growth hormone in spontaneous dwarf rat] Okuma S. **Nippon Naibunpi Gakkai Zasshi** 1984 Aug 20; 60(8):1005-14 (Eng. Abstr.) (Jpn)

PATHOLOGY

A new syndrome of dwarfism, neonatal death, narrow chest, spondylometaphyseal abnormalities, and advanced bone age. Beemer FA, et al. **Am J Med Genet** 1985 Mar; 20(3):555-8

Necropsy findings in neonatal asphyxiating thoracic dystrophy. Turkel SB, et al. **J Med Genet** 1985 Apr; 22(2):112-8

Cockayne syndrome: clinicopathologic and tissue culture studies of affected siblings. Leech RW, et al. **J Neuropathol Exp Neurol** 1985 Sep;44(5):507-19

Eccrine sweat gland anatomy in cockayne syndrome: a possible diagnostic aid. Landing BH, et al. **Pediatr Pathol** 1983 Jul-Sep;1(3):349-53

Morphological studies of the epiphyseal growth zone in the brachymorphic (bm/bm) mouse. Wikström B, et al. **Virchows Arch [Cell Pathol]** 1984;47(2):167-76

Stereological analysis of the epiphyseal growth cartilage in the brachymorphic (bm/bm) mouse, with special reference to the distribution of matrix vesicles. Wikström B, et al. **Virchows Arch [Cell Pathol]** 1984;47(3):199-210

[Dyssegmental dysplasia. Clinical case report and review of literature] Stöss H. **Pathologe** 1985 Mar;6(2):88-95 (Ger)

PHYSIOPATHOLOGY

Further evidence of inactivity of hypothalamo-pituitary-thyroid axis in Snell dwarf mice. Lewiński A, et al. **Anat Rec** 1984 Dec;210(4):617-27

Effect of pituitary hollow fiber units and thyroid supplementation on growth in the little mouse. Harkness JE, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):312-7

[Endocrine changes in 28 young patients with schistosomiasis dwarfism] He YJ, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):150-3 (Eng. Abstr.) (Chi)

PSYCHOLOGY

Similarities and differences between nonorganic failure to thrive and deprivation dwarfism. Oates RK. **Child Abuse Negl** 1984;8(4):439-45

A psychodynamic study of psychosomatic dwarfism: a syndrome of depression, personality disorder, and impaired growth. Ferholt JB, et al. **J Am Acad Child Psychiatry** 1985 Jan;24(1):49-57

Forensic and family psychiatry in abuse dwarfism: Munchausen's syndrome by proxy, atonement, and addiction to abuse. Money J, et al. **J Sex Marital Ther** 1985 Spring;11(1):30-40

RADIOGRAPHY

A case of lethal congenital dwarfism with accelerated skeletal maturation. Blomstrand S, et al. **Pediatr Radiol** 1985; 15(2):141-3

[Camptomelic dysplasia. Apropos of a case] Gu[illegible]ney DK, et al. **Pediatrie** 1984 Sep;39(6):455-9 (Eng. Abstr.) (Fre)

[Dyssegmental dwarfism. A new case] Maisonneuve J, et al. **Pediatrie** 1984 Jun;39(4):273-7 (Eng. Abstr.) (Fre)

VETERINARY

Inherited enchondrodystrophic dwarfism in English pointers. Lavelle RB. **Aust Vet J** 1984 Aug;61(8):268

Abnormal collagen fibrillogenesis in epiphyseal cartilage of CMD (cartilage matrix deficiency) mouse. Kobayakawa M, et al. **Coll Relat Res** 1985 Mar;5(2):137-47

Proteoglycans and glycosaminoglycans in cartilage from the brachymorphic (bm/bm) mouse. Wikström B, et al. **Coll Relat Res** 1985 Mar;5(2):193-204

DWARFISM, PITUITARY

BLOOD

Serum procollagen-III as indicator of therapeutic effect in children treated for somatotropin deficiency [letter] Lindstedt G, et al. **Clin Chem** 1984 Nov;30(11):1879-80

Effect of growth hormone on the activity of some lysosomal enzymes in neutrophilic polymorphonuclear leukocytes of hypopituitary dwarfs. Rovenský J, et al. **Int J Tissue React** 1985;7(2):153-9

Plasma concentrations of somatomedin-C in hypophysectomized, dwarf and intact growing domestic fowl as determined by heterologous radioimmunoassay. Huybrechts LM, et al. **J Endocrinol** 1985 Feb;104(2):233-9

Abnormal growth hormone and dwarfism [letter] Abucham-Filho JZ, et al. **N Engl J Med** 1985 Jul 25; 313(4):268-9

Pituitary dwarfism in a patient with circulating abnormal growth hormone polymers. Valenta LJ, et al. **N Engl J Med** 1985 Jan 24;312(4):214-7

[Somatomedin (bioassay) response to long-term growth hormone treatment of idiopathic pituitary dwarfism] Maesaka H, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Oct 20;60(10):1235-42 (Eng. Abstr.) (Jpn)

[Serum thyroxine, triiodothyronine and reverse triiodothyronine concentrations in patients with pituitary dwarfism] Sobieszczyk S, et al. **Endokrynol Pol** 1984; 35(5):241-7 (Eng. Abstr.) (Pol)

DIAGNOSIS

[Growth hormone secretion and plasma renin activity in children following administration of clonidine] Butenandt O, et al. **Monatsschr Kinderheilkd** 1984 Oct;132(10):776-9 (Eng. Abstr.) (Ger)

[Activation of the kallikrein-kinin system by clonidine] Kühne H, et al. **Z Gesamte Inn Med** 1984 Nov 15; 39(22):566-9 (Eng. Abstr.) (Ger)

[Ocular symptomatology in hypophyseal nanism] Novokhatskii AS, et al. **Oftalmol Zh** 1984;(7):417-9 (Eng. Abstr.) (Rus)

DRUG THERAPY

Plasma growth hormone responses to repetitive administrations of growth hormone releasing factor in patients with pituitary dwarfism. Hizuka N, et al. **Endocrinol Jpn** 1984 Dec;31(6):697-704

Biosynthetic human growth hormone: effects on growth of Snell dwarf mice. van Buul-Offers S, et al. **Horm Metab Res** 1985 Jan;17(1):20-4

Acceleration of growth in two children treated with human growth hormone-releasing factor. Thorner MO, et al. **N Engl J Med** 1985 Jan 3;312(1):4-9

Successful treatment of dwarfism and hypogonadism after total removal of craniopharyngioma. Kobayashi T, et al. **Neurol Med Chir (Tokyo)** 1985 Jan;25(1):61-5

[Treatment of pituitary nanism with human growth hormone. Indications, methods and results, perspectives] Job JC. **Ann Pediatr (Paris)** 1985 Feb;32(2):85-92 (Eng. Abstr.) (Fre)

[Final results of treatment with human growth hormone] Job JC, et al. **Arch Fr Pediatr** 1984 Aug-Sep;41(7):477-82 (Eng. Abstr.) (Fre)

[Treatment of pituitary nanism: is it necessary to treat adrenal androgen deficiency?] Rolland A, et al. **Arch Fr Pediatr** 1984 Jun-Jul;41(6):381-4 (Eng. Abstr.) (Fre)

[Results of treatment with human growth hormone in childhood] Job JC. **Bull Acad Natl Med (Paris)** 1984 May-Jun;168(5-6):543-7 (Eng. Abstr.) (Fre)

[Therapy of endocrine diseases in childhood and adolescence. 4: Hypophyseal dwarfism] Butenandt O. **Fortschr Med** 1984 Sep 13;102(34):838-40 (Eng. Abstr.) (Ger)

[Experiences with growth hormone therapy in pituitary dwarfism] Schmitt K, et al. **Wien Med Wochenschr** 1985 Jun 30;135(12):294-7 (Eng. Abstr.) (Ger)

[Current status of the growth hormone therapy in dwarfism] Shizume K. **Nippon Naibunpi Gakkai Zasshi** 1984 Dec 20; 60(12):1492-502 (Jpn)

ENZYMOLOGY

Hereditary pituitary dwarfism in mice affects skeletal and cardiac myosin isozyme transitions differently. Whalen RG, et al. **J Cell Biol** 1985 Aug;101(2):603-9

ETIOLOGY

[Cerebral nanism associated with diabetes insipidus and hyperprolactinemia in a patient with a history of neuroinfection] Kozlov GI, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):40-1 (Rus)

FAMILIAL & GENETIC

[X-linked familial pituitary nanism] Di Fusco C, et al. **Pathologica** 1983;75 Suppl:174-6 (Ita)

[Nanism with high values of GH and no generation of somatomedin after hGH (Laron's syndrome). Clinico-biochemical study of 8 cases] Ferrández A, et al. **An Esp Pediatr** 1985 Feb;22(2):113-22 (Eng. Abstr.) (Spa)

IMMUNOLOGY

[Immunologic properties of the growth hormone in 2 model situations] Rovenský J, et al. **Bratisl Lek Listy** 1985 Aug; 84(2):185-92 (Eng. Abstr.) (Slo)

METABOLISM

Somatostatin levels in the central nervous system of the Snell dwarf mouse; is somatostatin excess the primary molecular defect in the dw/dw dwarfism? Fuhrmann G, et al. **Brain Res** 1985 Feb 25;328(1):161-4

Deficiency of immunoreactive somatostatin in the median eminence of Snell dwarf mice. Webb SM, et al. **Life Sci** 1985 Apr 1;36(13):1239-45

[Laron's syndrome with clinical appearance of the so-called Michelin baby] de Prost Y, et al. **Ann Dermatol Venereol** 1984;111(8):751-2 (Fre)

PHYSIOPATHOLOGY

[Pulmonary function as an indicator of lung growth in patients with pituitary nanism] Zapletal A, et al. **Cesk Pediatr** 1985 May;40(5):267-72 (Eng. Abstr.) (Cze)

PSYCHOLOGY

Factors related to grade retention in children with short stature. Holmes CS, et al. **Child Care Health Dev** 1984 Jul-Aug;10(4):199-210

RADIOGRAPHY

[Radiomorphometric skeletal study in the differential diagnosis of endocrine dwarfism in children] Preden N, et al. **Padiatr Grenzgeb** 1984;23(6):367-75 (Eng. Abstr.) (Ger)

VETERINARY

Hypothalamic catecholamine histofluorescence in dwarf mice. Phelps CJ, et al. **Cell Tissue Res** 1985;240(1):19-25

DYDROGESTERONE

ADVERSE EFFECTS

A case of suspected teratogenic holoprosencephaly. Stabile M, et al. **J Med Genet** 1985 Apr;22(2):147-9

THERAPEUTIC USE

[Action of dydrogesterone in postpubertal menstruation disorders] Tabaste JL, et al. **Rev Fr Gynecol Obstet** 1984 Jan;79(1):19-20, 23-5 (Eng. Abstr.) (Fre)

DYE DILUTION TECHNIC

[Reliability of cardiac output measurement during supine exercise using an earpiece densitometer] Komatsu E, et al. **Kokyu To Junkan** 1985 Mar;33(3):285-8 (Jpn)

[Measurement of extravascular lung water by double-indicator dilution method amd its clinical assessment] Yamashita M, et al. **Nippon Geka Gakkai Zasshi** 1984 Nov;85(11):1418-25 (Eng. Abstr.) (Jpn)

INSTRUMENTATION

Low cost, microprocessor-based system for flow evaluation in a hydraulic model using the dilution method. Guillen SG, et al. **J Biomed Eng** 1985 Apr;7(2):100-4

DYES

see related
STAINS AND STAINING

Light microscopical localization of enzymes by means of cerium-based methods. I. Detection of acid phosphatase by a new cerium-lead-technique (Ce-Pb-method). Zimmermann N, et al. **Acta Histochem (Jena)** 1985; 76(1):97-104

Adaptation of the dye-binding protein assay to microtiter plates. Redinbaugh MG, et al. **Anal Biochem** 1985 May 15;147(1):144-7

Spectrophotometric determination of sodium cyclamate and saccharin sodium with Astrazone pink FG. Güven KC, et al. **Analyst** 1984 Jul;109(7):969-70

Kinetic analysis of chemical reactions coupled to an enzymic step. Application to acid phosphatase assay with Fast Red. Escribano J, et al. **Biochem J** 1984 Nov 1;223(3):633-8

Determination of the sidedness of carbocyanine dye labeling of membranes. Wolf DE. **Biochemistry** 1985 Jan 29; 24(3):582-6

Studies on the nature of transition-metal-ion-mediated binding of triazine dyes to enzymes. The interaction of procion red MX-8B with carboxypeptidase G-2. Hughes P, et al. **Eur J Biochem** 1984 Oct 1;144(1):135-42

Purification and properties of carboxypeptidase G2 from Pseudomonas sp. strain RS-16. Use of a novel triazine dye affinity method. Sherwood RF, et al. **Eur J Biochem** 1985 May 2;148(3):447-53

The effects of preliminary proteolysis on the immunohistochemical and dye staining properties of elastic fibres. Mera SL, et al. **Histochem J** 1985 Feb;17(2):243-58

Ultrastructural histochemistry of the surface lamina of normal articular cartilage. Orford CR, et al. **Histochem J** 1985 Feb; 17(2):223-33

Determination of DNA content in the nurse and follicle cells from wild type and mutant Drosophila melanogaster by DNA-Feulgen cytophotometry. Mulligan PK, et al. **Histochemistry** 1985;82(3):233-47

Cyanine and safranine dyes as membrane potential probes in cytochrome c oxidase reconstituted proteoliposomes. Singh AP, et al. **J Biochem Biophys Methods** 1985 Aug 11(2-3):95-108

Formation of a leakage-type ion pathway in lipid bilayer membranes by divalent cationic cyanine dyes in cooperation with inorganic phosphate. Role of the cyanine dye in uncoupling of oxidative phosphorylation. Takeguchi N, et al. **J Biol Chem** 1985 Aug 5;260(16):9158-61

Modified trichrome staining technique with a xylene substitute. Neimeister R, et al. **J Clin Microbiol** 1985 Aug; 22(2):306-7

On the naming of dyes [letter] Lendrum AC. **J Clin Pathol** 1984 Oct;37(10):1195-6

Application of Nile red, a fluorescent hydrophobic probe, for the detection of neutral lipid deposits in tissue sections: comparison with oil red O. Fowler SD, et al. **J Histochem Cytochem** 1985 Aug;33(8):833-6

Microstructure of aluminum hydroxides and the formation of aluminum dye lakes. Wou LL, et al. **J Pharm Sci** 1984 Dec;73(12):1738-44

Spectrophotometric study of the relationship between body porcelain color and applied metallic oxide pigments. Lund TW, et al. **J Prosthet Dent** 1985 Jun;53(6):790-6

Flow and distribution of India ink in microvessels of the frog. Renkin EM. **Microvasc Res** 1985 Jan;29(1):32-44

Dye laser intracavity absorption as an optical probe in condensed phase and biological systems. Giniger R, et al. **Photochem Photobiol** 1985 Apr;41(4):421-8

Rotational diffusion of rhodamine 6G in human blood serum. Klein UK, et al. **Photochem Photobiol** 1984 Nov; 40(5):569-74

Purification of oil red O using preparative paper chromatography. Proctor GB, et al. **Stain Technol** 1985 Jul;60(4):247-8

Colouring for dips [letter] Murphy TM, et al. **Vet Rec** 1984 Sep 15;115(11):284

[Use of alcian green in morphological and histochemical problems] Krutsay M. **Gegenbaurs Morphol Jahrb** 1984; 130(6):813-8 (Eng. Abstr.) **(Ger)**

[A longitudinal study of specific gravities of whole blood in dyestuff plant workers] Yamaguchi N, et al. **Sangyo Igaku** 1984 Sep;26(5):404-13 (Eng. Abstr.) **(Jpn)**

[Principal occupational health problems in synthetic dye and aniline dye intermediate-product plants] Timchenko AN, et al. **Gig Tr Prof Zabol** 1984 Nov;(11):34-6 (Eng. Abstr.) **(Rus)**

[Biological role of contaminants of construction material dust based on natural silicates in the development of pneumoconiosis (experimental study)] Khmel'nitskii OK, et al. **Vestn Akad Med Nauk SSSR** 1984;(10):61-8 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Dye marked antibiotics for lactating cow mastitis therapy. Novak NF, et al. **J Dairy Sci** 1984 Aug;67(8):1841-9

Dye injection method for the demonstration of territories supplied by individual perforating arteries of the posterior communicating artery in the dog. Inoue T, et al. **Stroke** 1985 Jul-Aug;16(4):684-6

ADVERSE EFFECTS

Maggots dyed with chrysoidine [letter] **Br Med J [Clin Res]** 1984 Nov 24;289(6456):1451-2

Erythema multiforme associated with contact dermatitis. Friedman SJ, et al. **Contact Dermatitis** 1985 Jan;12(1):21-3

Occupational pigmented contact dermatitis from azo-dyes. Fujimoto K, et al. **Contact Dermatitis** 1985 Jan;12(1):15-7

Contact dermatitis in tie and dye industry workers. Mathur NK, et al. **Contact Dermatitis** 1985 Jan;12(1):38-41

Allergy to dyes used in lymphangiography. Pevny I, et al. **Contact Dermatitis** 1985 Jan;12(1):54-5

Textile dye dermatitis. A review. Hatch KL, et al. **J Am Acad Dermatol** 1985 Jun;12(6):1079-92

Colouring agents in medicine for asthmatic children [letter] Denning DW, et al. **Lancet** 1985 Feb 23;1(8426):461-2

[Allergy to hosiery dyes (letter)] Beckmann. **Dtsch Med Wochenschr** 1985 Mar 29;110(13):522 **(Ger)**

[Allergy to dyes in stockings] Hausen BM, et al. **Dtsch Med Wochenschr** 1984 Sep 28;109(39):1469-75 (Eng. Abstr.) **(Ger)**

[Anaphylactic shock after subcutaneous injection of patent blue violet during lymphography (letter)] Pedro-Botet Montoya J, et al. **Sangre (Barc)** 1984;29(6):1053-4 **(Spa)**

ANALYSIS

Californium-252 plasma desorption mass spectrometry of cationic, anionic, and neutral dyes. Pannell LK, et al. **Anal Chem** 1985 May;57(6):1060-7

Determination of toxic azo dye metabolites in vitro by liquid chromatography/electrochemistry with a dual-electrode detector. Radzik DM, et al. **Anal Chem** 1984 Dec; 56(14):2927-31

Identification by thin-layer chromatography of dyestuffs based on benzidine, o-tolidine or o-dianisidine in consumer fabric dye products. Pindar AG, et al. **Analyst** 1984 Aug; 109(8):1101-2

Liquid chromatographic determination of intermediates in D&C Yellow No. 7 and D&C Yellow No. 8. Calvey RJ, et al. **J Assoc Off Anal Chem** 1985 May-Jun;68(3):471-3

Liquid chromatographic determination of 2,4-dinitroaniline and 2-naphthol in D&C Orange No. 17. Scher AL. **J Assoc Off Anal Chem** 1985 May-Jun;68(3):474-7

Determination of 1,3-diphenyltriazene and azobenzene in D&C Red No. 33 by solvent extraction and reversed-phase high-performance liquid chromatography. Bailey JE Jr. **J Chromatogr** 1985 Mar 8;321(1):185-97

Determination of synthetic organic colours in lipsticks by thin-layer and high-performance liquid chromatography. Sjöberg AM, et al. **J Chromatogr** 1985 Jan 4;318(1):149-54

An improved Van Gieson. Dodds HM, et al. **Stain Technol** 1985 Jan;60(1):55

A comparative study of DAPI, DIPI, and Hoechst 33258 and 33342 as chromosomal DNA stains. Otto F, et al. **Stain Technol** 1985 Jan;60(1):7-11

A widely applicable analytical system for biological stains: reverse-phase thin layer chromatography. Proctor GB, et al. **Stain Technol** 1985 Jan;60(1):1-6

[Physicochemical stability of colors used inside of the maxillofacial prosthesis] Taniguchi H. **Kokubyo Gakkai Zasshi** 1984 Dec;51(4):740 **(Jpn)**

[Hygienic evaluation of toys for infants] Lewandowska-Malinowska I, et al. **Rocz Panstw Zakl Hig** 1984;35(3):249-52 (Eng. Abstr.) **(Pol)**

[Comparison of the methods of mineralization of samples of raw materials and cosmetics before determination of Cu2+, Pb2+, Zn2+ and Cd2+ ions] Masłowska J, et al. **Rocz Panstw Zakl Hig** 1984;35(5):431-6 (Eng. Abstr.) **(Pol)**

[Use of a colorimetric method employing rhodamine 6G for determining the free fatty acid content in biological membranes] Nikitina GM, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):374-5 (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

Methyl purple, an exceptionally sensitive monitor of chloroplast photosystem I turnover: physical properties and synthesis. Graan T, et al. **Anal Biochem** 1985 Jan; 144(1):193-8

Evaluation of the molecular design approach in the development of new dyes. Clarke EA. **Drug Metab Rev** 1984;15(5-6):997-1009

CLASSIFICATION

Current chemical concepts of acids and bases and their application to anionic ('acid') and cationic ('basic') dyes. Puchtler H, et al. **Histochemistry** 1985;82(4):301-6 (54 ref.)

DIAGNOSTIC USE

Purification of aspartase and aspartokinase-homoserine dehydrogenase I from Escherichia coli by dye-ligand chromatography. Karsten WE, et al. **Anal Biochem** 1985 Jun;147(2):336-41

Standardization of dyes and stains for automated cell pattern recognition. Wittekind D. **Anal Quant Cytol** 1985 Mar; 7(1):6-30 (116 ref.)

Uses and applications of reactive dyes in histopathologic technique: a new panchromic hematoxylin-Tanisol red stain for histologic sections and cytologic smears. Tamarit LV. **Appl Pathol** 1984;2(2):85-91

Identification of human megakaryocytes with rhodanile blue. Kass L. **Arch Pathol Lab Med** 1985 Apr;109(4):320-4

A new assay method for lipid peroxides using a methylene blue derivative. Ohishi N, et al. **Biochem Int** 1985 Feb; 10(2):205-11

Interaction of Cibacron Blue F3GA with glutamine synthetase: use of the dye as a conformational probe. 2. Studies using isolated dye fractions. Federici MM, et al. **Biochemistry** 1985 Jan 29;24(3):661-6

Interaction of Cibacron Blue F3GA with glutamine synthetase: use of the dye as a conformational probe. 1. Studies using unfractionated dye samples. Federici MM, et al. **Biochemistry** 1985 Jan 29;24(3):647-60

Highly selective one-step chromatography of serum and urinary albumin on immobilized Cibacron Blue F3GA. Studies on normal and glycosyl albumin. Ghiggeri GM, et al. **Clin Chim Acta** 1985 Jan 30;145(2):205-11

Polymeric dyes: useful nonabsorbable reference markers for intestinal perfusion studies in animals. Dupas JL, et al. **J Pharm Sci** 1985 Mar;74(3):328-30

Color dye for identification of incompletely cured composite resins. de Gee AJ, et al. **J Prosthet Dent** 1984 Nov; 52(5):626-31

[Intraoperative angiographic localization of a hemorrhaging small intestine ulcer by dye injection] Düber C, et al. **Chirurg** 1985 Mar;56(3):183-5 **(Ger)**

[Histopathological diagnosis of early stages of myocardial infarction—applications of the improved hematoxylin basic fuchsin picric acid (HBFP) staining method to human autopsy hearts] Fujita M, et al. **Hokkaido Igaku Zasshi** 1985 May;60(3):313-20 (Eng. Abstr.) **(Jpn)**

[Use of dimiphen blue to determine the viability of mechanically injured tissues] Kalnberz VK, et al. **Vestn Khir** 1985 Jan;134(1):99-100 (Eng. Abstr.) **(Rus)**

[Micromodification of the determination of the ATPase activity of tissues and their biostructures by using malachite green] Gribanov GA, et al. **Vopr Med Khim** 1985 Mar-Apr; 31(2):120-2 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Chromatography of Astra Blue dyes with eluents containing potassium thiocyanate in organic solvents. Corradini D, et al. **J Chromatogr** 1985 Feb 20;319(3):400-3

METABOLISM

Cationic dye binding by hyaluronate fragments: dependence on hyaluronate chain length. Turner RE, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):253-60

New derivatives of blue dextran binding and stabilizing human or mouse interferons. Piasecki E, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(2):231-8

Differential serum protein binding of benzidine- and benzidine-congener based dyes and their derivatives. Emmett M, et al. **Arch Toxicol** 1985 Jun;57(2):130-5

Measurement of the association of cholephylic organic anions with different binding proteins. Gentile S, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2439-44

Interaction of yeast glucose 6-phosphate dehydrogenase with diverse triazine dyes: a study by means of affinity partitioning. Kopperschläger G, et al. **Biomed Biochim Acta** 1985;44(4):517-25

Effect of cimetidine on the metabolism of cholephilic dyes in Gilbert's syndrome. Kutz K, et al. **Eur J Clin Pharmacol** 1984;27(2):227-32

Enhancing effect of absorption promoters on percutaneous absorption of a model dye (6-carboxyfluorescein) as poorly absorbable drugs. I. Comparison of plasma levels after addition of various absorption promoters in rat. Ohshima T, et al. **J Pharmacobiodyn** 1984 Sep;7(9):648-55

Opioid effects on hepatic disposition of dyes in mice. Hurwitz A, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):617-23

[Sorption of sulfophthaleinic dyes by the brain synaptosomes of rats deprived of parodoxical sleep] Nilova NS. **Tsitologiia** 1984 Dec;26(12):1396-400 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Specific inhibition of L-type pyruvate kinase by the triazine dye Procion Blue MX-R. Byford MF, et al. **Biochem J** 1984 Oct 15;223(2):359-67

Dye-sensitized photo-oxidation of enzymes. Tsai CS, et al. **Biochem J** 1985 Jan 1;225(1):203-8

Properties of oral asaccharolytic black-pigmented Bacteroides. Mayrand D, et al. **Can J Microbiol** 1984 Sep; 30(9):1133-6

Specific interactions of xanthene dyes with nucleotide-binding sites of membrane energy-transducing enzymes and carriers. Neslund GG, et al. **Curr Top Cell Regul** 1984;24:447-69

Competitive inhibition of human mitochondrial NADH dehydrogenase by Cibacron Blue F3GA. Tarsio JF, et al. **Enzyme** 1984;32(3):188-92

'Red pigment' from ADE-2 mutants of S. cerevisiae prevents DNA cleavage by restriction endonucleases. Meškauskas A, et al. **FEBS Lett** 1985 Mar 25;182(2):413-4

The growth-inhibitory effects of some dyes on different Mycoplasma and Acholeplasma spp. Hill AC. **J Gen Microbiol** 1985 Jan;131 (Pt 1):181-6

[A new kind of insecticides—dyes] Huang GC. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Mar; 18(2):118-9 **(Chi)**

[Inhibition of liver lysosomal cholesterol esterase activity in rats by dextran blue in vivo and in vitro] Dushkin MI, et al. **Biull Eksp Biol Med** 1985 May;99(5):573-5 (Eng. Abstr.) **(Rus)**

[Spectrophotometric study of intact and trypsin-treated erythrocyte membranes using a phthalocyanine dye] Kirpichnikova KM, et al. **Tsitologiia** 1984 Aug;26(8):914-9 (Eng. Abstr.) **(Rus)**

TOXICITY

Toxicological studies on malachite green: a triphenylmethane dye. Clemmensen S, et al. **Arch Toxicol** 1984 Nov; 56(1):43-5

Oxygen consumption by the crayfish Orconectes propinquus (Girard) exposed to aquashade. Spencer DF. **Bull Environ Contam Toxicol** 1984 Sep;33(3):373-8

Human maximization testing of D&C Yellow no. 10 and Yellow no. 11. Kita S, et al. **Contact Dermatitis** 1984 Oct; 11(4):210-3

Evaluation of the teratogenic potential of the oxidative dye N-phenyl-para-phenylenediamine. Picciano JC, et al. **Drug Chem Toxicol** 1984;7(2):167-76

Teratological assessment of the oxidative dye 4-methyl-N-ethylamino phenol sulfate. Picciano JC, et al. **Drug Chem Toxicol** 1984;7(4):397-405

Testing of 24 food, drug, cosmetic, and fabric dyes in the in vitro and the in vivo/in vitro rat hepatocyte primary culture/DNA repair assays. Kornbrust D, et al. **Environ Mutagen** 1985;7(1):101-20

Mutagenicity of azo dyes following metabolism by different reductive/oxidative systems. Reid TM, et al. **Environ Mutagen** 1984;6(5):705-17

Inhibition of viral interferon induction in mammalian cell cultures by azo dyes and derivatives activated with rat liver S9 fraction. Hahon N. **Environ Res** 1985 Jun;37(1):228-38

Inhalation toxicity of a smoke containing Solvent Yellow 33, Disperse Red 9 and Solvent Green 3 in laboratory animals. Marrs TC, et al. **Hum Toxicol** 1984 Aug; 3(4):289-308

The carcinogenic potential of benzidine-based dyes. Gregory AR. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):243-59

[Hygienic evaluation of purified industrial waste waters from an anilin dye plant] Bulochnikova EK, et al. **Gig Sanit** 1985 Jan;(1):13-6 (Eng. Abstr.) **(Rus)**

DYFONATE see under **INSECTICIDES, ORGANOTHIOPHOSPHATE**

DYNEIN see under **ADENOSINE TRIPHOSPHATASE**

DYNORPHIN

ANALOGS & DERIVATIVES

Neuropeptide processing by single-step cleavage: conversion of leumorphin (dynorphin B-29) to dynorphin B. Devi L, et al. **Biochem Biophys Res Commun** 1985 Aug 15; 130(3):1168-76

Selective inactivation of opioid receptors in rat hippocampus demonstrates that dynorphin-A and -B may act on mu-receptors in the CA1 region. Chavkin C, et al. **Brain Res** 1985 Apr 8;331(2):366-70

Localization and quantitation of dynorphin B in the rat hippocampus. Hoffman DW, et al. **Brain Res** 1984 Dec 24;324(2):354-7

Possible interactions between dynorphin and dopaminergic systems in rat basal ganglia and substantia nigra. Quirion R, et al. **Brain Res** 1985 Apr 8;331(2):358-62

Effect of intranigral injections of dynorphin, dynorphin fragments and alpha-neoendorphin on rotational behaviour in the rat. Herrera-Marschitz M, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):213-27

Localization of dynorphin B-like and alpha-neoendorphin-like immunoreactivities in the guinea pig organ of Corti. Altschuler RA, et al. **Hear Res** 1985 Mar;17(3):249-58

Immunoreactive pro-enkephalin and prodynorphin products are differentially distributed within the nucleus of the solitary tract of the rat. Lee HS, et al. **J Comp Neurol** 1984 Dec 20;230(4):614-9

Isolation and characterization of an endogenous C-terminal fragment of the alpha-neo-endorphin/dynorphin precursor from bovine caudate nucleus. Evans CJ, et al. **J Neurosci** 1985 Jul;5(7):1803-7

Dynorphin B-29: chemical synthesis and pharmacological properties in opioid systems in vitro. Sanchez-Blazquez P, et al. **Neuropeptides** 1984 Sep;4(5):369-74

ANALYSIS

Hemorrhagic shock and the central vasopressin and opioid peptide system of rats. Feuerstein G, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):E244-50

Dynorphin-A (1-8) is contained within perikarya, nerve fibres and nerve terminals of rat duodenum. Wolter HJ. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):610-5

Colocalization of dynorphin-A(1-17) and dynorphin-A(1-8) within some perikarya of rat duodenum: immunohistochemical evidence for the presence of two separate dynorphinergic systems. Wolter HJ. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):774-80

Ginseng saponin treatment does not alter brain or pituitary levels of beta-endorphin and dynorphin. Ho WK, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):2044-6

Effect of hemorrhage on vasopressin, dynorphin A, and leu5-enkephalin in the hypothalamo-pituitary system of the rat. Feuerstein G, et al. **Clin Exp Hypertens** [A] 1984; 6(10-11):1973-6

Presence of dynorphin-like immunoreactivity but not opiate binding in Walker-256 tumors. Bryant HU, et al. **Life Sci** 1985 Jul 15;37(2):155-60

Differential regulation of the brain and gut immunoreactive dynorphin by the serotonin system. Majeed NH, et al. **Life Sci** 1985 Jul 29;37(4):339-43

Effects of traumatic injury on dynorphin immunoreactivity in spinal cord. Cox BM, et al. **Neuropeptides** 1985 Feb; 5(4-6):571-4

Localization and quantitation of proenkephalin-derived neuropeptides in the rat hippocampus. Hoffman DW, et al. **Neuropeptides** 1985 Feb;5(4-6):437-40

Repeated electroconvulsive shocks alter the biosynthesis of enkephalin and concentration of dynorphin in the rat brain. Hong JS, et al. **Neuropeptides** 1985 Feb;5(4-6):557-60

Chronic pain in the rat: selective alterations in CNS and pituitary pools of dynorphin as compared to vasopressin. Millan MJ, et al. **Neuropeptides** 1985 Feb;5(4-6):423-4

Lesions of the hypothalamic arcuate nucleus modify discrete brain and pituitary pools of dynorphin in addition to beta-endorphin in the rat. Millan MH, et al. **Neurosci Lett** 1984 Jul 27;48(2):149-54

Immunocytochemical identification of dynorphin-containing vesicles in Brattleboro rats. Whitnall MH, et al. **Peptides (Fayetteville)** 1985 Mar-Apr;6(2):241-7

Effect of dopaminergic agents on levels of dynorphin1-8 in rat striatum. Peterson MR, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):725-8

Increased dynorphin immunoreactivity in spinal cord after traumatic injury. Faden AI, et al. **Regul Pept** 1985 May; 11(1):35-41

CEREBROSPINAL FLUID

Presence of immunoreactive dynorphin in human cerebrospinal fluid. Tozawa F, et al. **Life Sci** 1984 Oct 15;35(16):1633-7

Lower CSF level of dynorphin(1-8) immunoreactivity in schizophrenic patients. Zhang AZ, et al. **Neuropeptides** 1985 Feb;5(4-6):553-6

IMMUNOLOGY

A monoclonal antibody specific for a dynorphin precursor. Barrett RW, et al. **Neuropeptides** 1985 Apr;6(2):113-20

METABOLISM

Spinal cord dynorphin may modulate nociception via a kappa-opioid receptor in chronic arthritic rats. Millan MJ, et al. **Brain Res** 1985 Aug 5;340(1):156-9

[D-Pro10]Dynorphin-(1-11) is a highly potent and selective ligand for kappa opioid receptors. Gairin JE, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):457-8

Kappa-binding and degradation of [3H]dynorphin A (1-8) and [3H]dynorphin A (1-9) in suspensions of guinea pig brain membranes. Gillan MG, et al. **J Neurochem** 1985 Oct; 45(4):1034-42

Release of dynorphin-like immunoreactivity from rat anterior pituitary gland in vitro. Knepel W, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Mar; 329(1):94-6

Membrane-bound enzymes and their role in processing of the dynorphins and of the proenkephalin octapeptide Metenkephalin-Arg-Gly-Leu. Benuck M, et al. **Neurochem Res** 1984 Jun;9(6):733-49

Analysis of opioid and non-opioid end products of pro-dynorphin in the substantia nigra of the rat. Dores RM, et al. **Neuropeptides** 1985 Feb;5(4-6):501-4

Dynorphin-containing pathways in the substantia nigra and ventral tegmentum: a double labeling study using combined immunofluorescence and retrograde tracing. Fallon JH, et al. **Neuropeptides** 1985 Feb;5(4-6):457-60

[3H]-Dynorphin A (1-8): degradation profile and binding characteristics in brain homogenates. Gillan MG, et al. **Neuropeptides** 1985 Feb;5(4-6):533-6

Development of hypothalamic opioid neurons: a combined immunocytochemical and [3H]thymidine autoradiographic study. Khachaturian H, et al. **Neuropeptides** 1985 Feb; 5(4-6):477-80

Differential modulation of the beta-endorphin and dynorphin systems by serotonergic stimulation in the rat. Majeed NH, et al. **Neuropeptides** 1985 Feb;5(4-6):563-6

Effects of D-amino acid substitution in dynorphin A (1-9) on binding at the mu-, delta- and kappa-sites. Paterson SJ, et al. **Neuropeptides** 1984 Dec;5(1-3):177-80

Dynorphinergic pathways of Leu-enkephalin production in the rat brain. Zamir N, et al. **Neuropeptides** 1985 Feb; 5(4-6):441-4

The comparative distribution of enkephalin, dynorphin and substance P in the human globus pallidus and basal forebrain. Haber SN, et al. **Neuroscience** 1985 Apr; 14(4):1011-24

CNS tissue levels of dynorphin-A immunoreactivity and the anorexia associated with sodium chloride imbibition in the rat. Bryant HU, et al. **Peptides (Fayetteville)** 1985 Jan-Feb; 6(1):59-65

PHARMACODYNAMICS

The histamine-releasing effect of dynorphin and other peptides possessing Arg-Pro sequences. Sydbom A, et al. **Agents Actions** 1985 Apr;16(3-4):269-72

Opioid receptors mediating the antinociceptive effect of dynorphin at spinal cord level. Spampinato S, et al. **Ann Ist Super Sanita** 1984;20(1):99-102

Selective inactivation of opioid receptors in rat hippocampus demonstrates that dynorphin-A and -B may act on mu-receptors in the CA1 region. Chavkin C, et al. **Brain Res** 1985 Apr 8;331(2):366-70

Opioid peptides rapidly stimulate superoxide production by human polymorphonuclear leukocytes and macrophages. Sharp BM, et al. **Endocrinology** 1985 Aug;117(2):793-5

Central and peripheral sites for cardiovascular actions of dynorphin-(1-13) in rats. Gautret B, et al. **Eur J Pharmacol** 1985 May 8;111(2):263-6

Effect of intranigral injections of dynorphin, dynorphin fragments and alpha-neoendorphin on rotational behaviour in the rat. Herrera-Marschitz M, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):213-27

Electrophysiological effects of dynorphin peptides on hippocampal pyramidal cells in rat. Moises HC, et al. **Eur J Pharmacol** 1985 Jan 15;108(1):85-98

Dual effect of dynorphin on the non-adrenergic inhibitory potentials and the spontaneous action potentials in the duodenal smooth muscle cells of the guinea-pig. Ohkawa H. **Eur J Pharmacol** 1985 Apr 23;111(1):139-40

Dynorphin-(1-13) restores the potency of morphine on the tolerant guinea pig ileum. Rezvani A, et al. **Eur J Pharmacol** 1984 Jul 20;102(3-4):475-9

Characterization of dynorphin A-induced antinociception at spinal level. Spampinato S, et al. **Eur J Pharmacol** 1985 Mar 26;110(1):21-30

Antinociception and paralysis induced by intrathecal dynorphin A. Herman BH, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):27-32

Dual effects of dynorphin-(1-13) on cholinergic and substance P-ergic transmissions in the rabbit iris sphincter muscle. Ueda N, et al. **J Pharmacol Exp Ther** 1985 Feb; 232(2):545-50

Dynorphin and neoendorphin peptides decrease dorsal root ganglion neuron calcium-dependent action potential duration. Werz MA, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):49-56

Histamine release induced by dynorphin-(1-13) from rat mast cells. Sugiyama K, et al. **Jpn J Pharmacol** 1984 Jul; 35(3):247-52

Cardiovascular effects of dynorphin A-(1-8), dynorphin A-(1-13) and dynorphin A-(1-17) microinjected into the preoptic medialis nucleus of the rat. Feuerstein G, et al. **Neuropeptides** 1984 Dec;5(1-3):295-8

Electrophysiological analysis of kappa opiate receptor activation in the rabbit vas deferens. Lacey MG, et al. **Neuropeptides** 1984 Dec;5(1-3):257-60

ICI 174864, a putative delta opioid antagonist, reverses endotoxemic hypotension: pretreatment with dynorphin 1-13, A kappa agonist, blocks this action. Long JB, et al. **Neuropeptides** 1984 Dec;5(1-3):291-4

Opioid-like properties of seven dynorphin (1-10) analogs. Rezvani A, et al. **Neuropeptides** 1984 Dec;5(1-3):153-6

Actions of D-Ala2-D-Leu5-enkephalin and dynorphin A (1-17) on neocortical neurons in vitro. Sutor B, et al. **Neuropeptides** 1984 Dec;5(1-3):241-4

Effects of dynorphin A (1-17), dynorphin A (1-13) and D-ala2-D-leu5-enkephalin on the excitability of pyramidal cells in CA1 and CA2 of the rat hippocampus in vitro. Vidal C, et al. **Neuropeptides** 1984 Dec;5(1-3):237-40

Dynorphin reduces voltage-dependent calcium conductance of mouse dorsal root ganglion neurons. Werz MA, et al. **Neuropeptides** 1984 Dec;5(1-3):253-6

Met-enkephalin and morphine but not dynorphin inhibit noxious stimuli-induced release of substance P from rabbit dorsal horn in situ. Hirota N, et al. **Neuropharmacology** 1985 Jun;24(6):567-70

Analgesic effects of dynorphin-A and morphine in mice. Nakazawa T, et al. **Peptides (Fayetteville)** 1985 Jan-Feb; 6(1):75-8

Dynorphin: cardiovascular consequences of opioid receptor interactions in normal and endotoxemic rats. Holaday JW, et al. **Proc West Pharmacol Soc** 1984;27:429-33

[Inhibitory effects of dynorphin on electric field stimulation induced contraction of blood vessels in vitro] Sun FY, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):245-8 (Eng. Abstr.) (Chi)

[Inhibitory effects of dynorphin on electric field stimulation-induced contraction of blood vessels in vitro] Sun FY, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec; 5(4):245-8 (Eng. Abstr.) (Chi)

[Dynorphin: analgesic effect via kappa receptors in spinal cord of the spinal cords of rats] Xie GX, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):231-4 (Eng. Abstr.) (Chi)

[Dynorphin: analgesic effect via kappa receptors in the spinal cord of rats] Xie GX, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):231-4 (Eng. Abstr.) (Chi)

PHYSIOLOGY

Opioids, feeding, and anorexias. Yim GK, et al. **Fed Proc** 1984 Nov;43(14):2893-7 (42 ref.)

The role of dynorphin in narcotic tolerance mechanisms. Lee NM. **Natl Inst Drug Abuse Res Monogr Ser** 1984;54:162-7

Possible involvement of dynorphinergic system in nociceptive transmission at spinal level. Spampinato S, et al. **Neuropeptides** 1985 Feb;5(4-6):425-8

[Spinal alpha-adrenoceptor and dynorphin involvement in the depressor effect of clonidine] Xie CW, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):235-8 (Eng. Abstr.) (Chi)

[Spinal alpha-adrenoceptor and dynorphin involvement in the depressor effect of clonidine] Xie CW, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):235-8 (Eng. Abstr.) (Chi)

SECRETION

Release of dynorphin, somatostatin and substance P from the vascularly perfused small intestine of the guinea-pig during peristalsis. Donnerer J, et al. **Br J Pharmacol** 1984 Dec;83(4):919-25

Corelease of dynorphin-like immunoreactivity, luteinizing hormone, and follicle-stimulating hormone from rat adenohypophysis in vitro. Knepel W, et al. **Endocrinology** 1985 Aug;117(2):481-7

THERAPEUTIC USE

Dynorphin(1-13) improves survival in cats with focal cerebral ischaemia. Baskin DS, et al. **Nature** 1984 Dec 6-12; 312(5994):551-2

DYPHYLLINE see under **THEOPHYLLINE**

DYSARTHRIA see under **SPEECH DISORDERS**

DYSAUTONOMIA, FAMILIAL

COMPLICATIONS

Anaesthesia in dysautonomia: further complications. Sweeney BP, et al. **Anaesthesia** 1985 Aug;40(8):783-6

Familial neuropathy with dementia, retinitis pigmentosa, and dysautonomia. Ozawa K, et al. **Neurology** 1985 Aug 35(8):1184-7

[Familial dysautonomia--an anesthetic challenge] Drenger B, et al. **Harefuah** 1984 Nov 15;107(10):278-81 (Eng

Abstr.) **(Heb)**

DIAGNOSIS

Diagnosis of familial dysautonomia in the neonatal period. Kaplan M, et al. **Acta Paediatr Scand** 1985 Jan;74(1):131–2

PHYSIOPATHOLOGY

Fentanyl anesthesia in familial dysautonomia. Beilin B, et al. **Anesth Analg** 1985 Jan;64(1):72–6

DYSBETALIPOPROTEINEMIA see **HYPERLIPOPROTEINEMIA TYPE III**

DYSCHONDROPLASIAS see **OSTEOCHONDRODYSPLASIAS**

DYSEMBRYOMA see **TERATOMA**

DYSENTERY

ETIOLOGY

Whipworm dysentery in an adult. Nanivadekar SA, et al. **Indian J Gastroenterol** 1984 Oct;3(4):237–8

IMMUNOLOGY

[Changes in the immunoglobulin levels in acute and chronic dysentery patients] Liu JD. **Chung Hua Nei Ko Tsa Chih** 1984 Aug;23(8):497–9, 526 (Eng. Abstr.) **(Chi)**

OCCURRENCE

Epidemic of dysentery in West Bengal: clinicians' enigma [letter] Bose R, et al. **Lancet** 1984 Nov 17;2(8412):1160

VETERINARY

Characterization of predominant bacteria from the colons of normal and dysenteric pigs. Robinson IM, et al. **Appl Environ Microbiol** 1984 Nov;48(5):964–9

Dysentery caused by Escherichia coli (S102–9) in calves: natural and experimental disease. Hall GA, et al. **Vet Pathol** 1985 Mar;22(2):156–63

Swine dysentery in a sow herd. II. Comparison of a direct fluorescent antibody test with selective culture in the laboratory diagnosis. Smit HF, et al. **Vet Q** 1985 Apr;7(2):150–3

Swine dysentery in a sow herd. I. Clinical manifestation and elimination of the disease with a combination of lincomycin and spectinomycin. van Leengoed LA, et al. **Vet Q** 1985 Apr;7(2):146–50

Monitoring for swine dysentery: six years' experience with a control scheme. Goodwin RF, et al. **Vet Rec** 1984 Sep 8;115(10):240–1

Salmonellosis in an African elephant [letter] Scott WA. **Vet Rec** 1984 Oct 13;115(15):391

Survival of Treponema hyodysenteriae in samples of dysenteric pig faeces sent by post and stored at room temperature. Taylor DJ, et al. **Vet Rec** 1985 Jan 12;116(2):48–9

Influence of the diet on the antibacterial effect of volatile fatty acids and on the development of swine dysentery. Prohászka L, et al. **Zentralbl Veterinarmed [B]** 1984 Dec;31(10):779–85

[Anaerobic dysentery in pigs] Ganovski D, et al. **Vet Med Nauki** 1984;21(6):34–9 (Eng. Abstr.) **(Bul)**

[Swine dysentery] Seeger K, et al. **Tierarztl Prax** 1984;12(3):307–15 (53 ref.) (Eng. Abstr.) **(Ger)**

DYSENTERY, AMEBIC

Amebic colitis. Preventing morbidity and mortality from fulminant disease. Brooks JL, et al. **Postgrad Med** 1985 Jul;78(1):267–74

COMPLICATIONS

Vascular occlusion in the pathogenesis of complicated amoebic colitis: evidence for an hypothesis. Luvuno FM, et al. **Br J Surg** 1985 Feb;72(2):123–7

Amebiasis presenting as rectal bleeding without diarrhea in childhood. Jammal MA, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):294–6

[Toxic megacolon caused by amebic colitis. Apropos of 3 cases] Mateo S, et al. **Rev Esp Enferm Apar Dig** 1984 Dec;66(6):543–5 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Indigenous amoebiasis: an important differential diagnosis of chronic inflammatory bowel disease. Sanderson IR, et al. **Br Med J [Clin Res]** 1984 Sep 29;289(6448):823

Colonoscopic features of cecal amebomas. Luterman L, et al. **Gastrointest Endosc** 1985 Jun;31(3):204–6

Enzyme linked immunosorbent assay for serodiagnosis of amoebiasis in children. Jyotsna, et al. **Indian J Med Res** 1985 Feb;81:129–32

Fulminating amoebic colitis in infants and children. Hadley GP, et al. **J R Coll Surg Edinb** 1984 Nov;29(6):370–2

[Tropical mimics; study of the feces is a must] Kager PA, et al. **Ned Tijdschr Geneeskd** 1985 Feb 2;129(5):193–6 **(Dut)**

[Use of counterimmunoelectrophoresis in the diagnosis of amebiasis] Nikitin AF, et al. **Med Parazitol (Mosk)** 1985 Mar–Apr;(2):55–7 (Eng. Abstr.) **(Rus)**

[Clinical spectrum of amebic colitis] Rojman JA, et al. **Acta Gastroenterol Latinoam** 1983;13(4):733–9 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Treatment of non-invasive amoebiasis—a comparison between tinidazole and metronidazole. Pehrson P, et al. **Ann Trop Med Parasitol** 1984 Oct;78(5):505–8

Studies on amoebicides at the Child Health Department Dr. Pirngadi Hospital, Medan (1969–1979). Tambunan S, et al. **Paediatr Indones** 1984 May–Jun;24(5–6):116–24

OCCURRENCE

Leads from the MMWR. Pseudo-outbreak of intestinal amebiasis—California. **JAMA** 1985 Apr 5;253(13):1861

Pseudo-outbreak of intestinal amebiasis—California. **MMWR** 1985 Mar 8;34(9):125–6

PATHOLOGY

Histological evolution of caecal lesions in experimental amoebiasis. Gill NJ, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):631–8

RADIOGRAPHY

[Clinico-radiologic manifestations of amebic colitis] Gimeno Solsona F, et al. **Rev Clin Esp** 1984 Oct 31;175(2):71–4 (Eng. Abstr.) **(Spa)**

SURGERY

Acute fulminating amoebic colitis: survival after total colectomy. Babb RR, et al. **Gut** 1985 Mar;26(3):301–3

DYSENTERY, BACILLARY

Bacillary dysentery. Gilman RH. **Compr Ther** 1984 Oct;10(10):14–9 (16 ref.)

Shigellemia. Venkateswarlu K, et al. **Indian Pediatr** 1984 Jul;21(7):576–80

BLOOD

[Role of gastrin in the development of gastrointestinal disorders in patients with acute intestinal infections] Iushchuk ND, et al. **Ter Arkh** 1985;57(2):9–11 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

A comparative study of enterotoxigenic Escherichia coli, Shigella, Aeromonas, and Vibrio as etiologies of diarrhea in northeastern Thailand. Echeverria P, et al. **Am J Trop Med Hyg** 1985 May;34(3):547–54

Erythema nodosum associated with Shigella colitis [letter] Tami LF. **Arch Dermatol** 1985 May;121(5):590

An animal model of haemolytic—uraemic syndrome in shigellosis: lipopolysaccharides of Shigella dysenteriae I and S. flexneri produce leucocyte-mediated renal cortical necrosis in rabbits. Butler T, et al. **Br J Exp Pathol** 1985 Feb;66(1):7–15

Pathology of acute renal failure & haemolytic uraemic syndrome in acute dysentery in children. Bhuyan UN, et al. **Indian J Med Res** 1985 Apr;81:402–8

Association of pneumonia with undernutrition and shigellosis. Alam AN, et al. **Indian Pediatr** 1984 Aug;21(8):609–13

Shigella flexneri bacteraemia. Chagla AH, et al. **J Infect** 1985 Jan;10(1):68–70

Gastroenteritis caused by Escherichia coli and Shigella retards the growth of children. **Nutr Rev** 1985 Jun;43(6):169–70

Neonatal shigellosis with bowel perforation. Starke JR, et al. **Pediatr Infect Dis** 1985 Jul–Aug;4(4):405–7

Can erythema nodosum and reactive arthritis be a sequel to Shigella flexneri gastroenteritis? Neithercut WD, et al. **Scott Med J** 1984 Jul;29(3):197–9

[5 cases of reactive arthritis following a Shigella flexneri epidemic in the Netherlands] Lionarons RJ, et al. **Ned Tijdschr Geneeskd** 1985 May 11;129(19):892–4 (Eng. Abstr.) **(Dut)**

[A patient with a complicated course of shigellosis] van 't Wout JW, et al. **Ned Tijdschr Geneeskd** 1984 Aug 11;128(32):1505–7 **(Dut)**

[Terminal pneumonia—shock lung (validity of diagnosis by evaluating respiratory disorders in children with severe forms of intestinal infections)] Bogadel'nikov IV, et al. **Pediatriia** 1985 Feb;(2):73–4 **(Rus)**

[Acute alithiasic cholecystitis caused by infectious gastroenteritis (letter)] Sesé Torres J, et al. **Med Clin (Barc)** 1985 Apr 30;84(16):672 **(Spa)**

DIAGNOSIS

Shigella vulvovaginitis in a three-year-old child: a case report. Cheong YM, et al. **Med J Malaysia** 1984 Mar;39(1):92–4

[Clinical and treatment characteristics of acute dysentery caused by Shigella boydii and newcastle] Mel'nik GV. **Vrach Delo** 1984 Aug;(8):114–7 **(Rus)**

[Shigella dysenteriae in our environment (letter)] Olivé Margues A, et al. **Med Clin (Barc)** 1984 Dec 1;83(18):778 **(Spa)**

DRUG THERAPY

Changing patterns of drug resistance in Shigella flexneri serotypes (1978–82). Gebre-Yohannes A. **East Afr Med J** 1984 Aug;61(8):600–5

Shigellosis in Ethiopia: II. Patterns of drug resistance in Shigella serotypes. Gebre-Yohannes A, et al. **J Diarrhoeal Dis Res** 1984 Dec;2(4):212–6

Studies on combined chloramphenicol streptomycin therapy. Ghosh S, et al. **J Indian Med Assoc** 1984 Nov;82(11):402–4

Multiresistant Shigella infections in Bangladesh [letter] Bennish M, et al. **Lancet** 1985 Aug 24;2(8452):441

Nalidixic-acid-resistant Shigella dysenteriae 1 [letter] Panhotra BR, et al. **Lancet** 1985 Mar 30;1(8431):763

Treatment of severe bacillary dysentery with trimethoprim alone. Bogaerts J, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):20[illegible]–5

[Treatment of acute bacillary dysentery with traditional Chinese medicine and western medicine combined—analysis of 117 cases] Wu YC. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):525–7, 514 (Eng. Abstr.) **(Chi)**

[Clinical observations on 107 cases of acute bacillary dysentery treated with Chaenomeles lagenanid (Loisel) Kaidz] Guo CL. **Chung Hua I Hsueh Tsa Chih** 1984 Nov;64(11):689–90 **(Chi)**

[Use of prodigiozan for increasing the effectiveness of the antibiotic therapy of dysentery in children] Vereshchagin IA, et al. **Antibiotiki** 1984 Oct;29(10):791–4 **(Rus)**

ETIOLOGY

Outbreak of Shigella flexneri 1 infection in British Columbia [editorial]. **Can Med Assoc J** 1985 Sep 1;133(5):438

Shiga toxin—an expanding role in the pathogenesis of infectious diseases. Cantey JR. **J Infect Dis** 1985 May;151(5):766–71 (68 ref.)

[Etiology of bacillary dysentery in the southern autonomous region of Guizhou Province in 1981] **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Dec;5(6):349–50 (Eng. Abstr.) **(Chi)**

[Conditions and factors determining the etiological structure of dysentery and its alterations. II. Concepts, hypotheses and points of view yesterday and today] Solodovnikov IuP. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):104–9 **(Rus)**

[Conditions and factors determining the etiological structure of dysentery and its alterations. III. The epidemiological assessment of the biological properties of Shigella and their importance in the development of the epidemic process in different nosological forms of dysentery] Solodovnikov IuP. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):109–14 **(Rus)**

[Combined use of microbiological methods for the intraspecific differentiation of Shigella sonnei. II. The role of S. sonnei strains belonging to unclassifiable phagotypes in the etiology of dysentery in the People's Republic of Bulgaria] Trifonova A, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):45–9 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

The humoral antibody response to Shigella dysenteriae type 1 infection, as determined by ELISA. Lindberg AA, et al. **Bull WHO** 1984;62(4):597–606

Cytotoxicity of leukocytes from normal and Shigella-susceptible (opium-treated) guinea pigs against virulent Shigella sonnei. Morgan DR, et al. **Infect Immun** 1984 Oct;46(1):22–4

IgA response during accidental infection with Shigella flexneri [letter] van Bohemen CG, et al. **Lancet** 1985 Sep 21;2(8456):673

[Identification of specific antibodies in dysentery] Bunin KV, et al. **Sov Med** 1984;(10):19–22 (Eng. Abstr.) **(Rus)**

METABOLISM

[Disorders of water-electrolyte balance in children with severe forms of acute intestinal infection] Dienko GI, et al. **Pediatriia** 1984 Aug;(8):21–4 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Shigella toxin and the pathogenesis of shigellosis. Keusch GT, et al. **Ciba Found Symp** 1985;112:193–214

Usefulness of plasmid profiles for differentiation of Shigella isolates in Bangladesh. Tacket CO, et al. **J Clin Microbiol** 1984 Aug;20(2):300–1

Shigellosis in Ethiopia. I. Prevalent Shigella serogroups and serotypes. Gebre-Yohannes A, et al. **J Diarrhoeal Dis Res** 1984 Jun;2(2):79–82

Serotype prevalence and antibiotic susceptibility of Shigella strains isolated in Malaysia during 1980 and 1981. Jegathesan M. **J Diarrhoeal Dis Res** 1984 Jun;2(2):102–4

Plasmid characterization of drug-resistant Shigella dysenteriae 1 from an epidemic in Central Africa. Frost JA, et al. **J Hyg (Lond)** 1985 Apr;94(2):163–72

Shigellemia. Kligler RM, et al. **West J Med** 1984 Sep;141(3):375–8

[Clinical observations during an epidemic caused by Shigella flexneri] van Spreeuwel JP, et al. **Ned Tijdschr Geneeskd** 1985 May 11;129(19):899–903 (Eng.

Abstr.) (Dut)

[A strain of Shigella boydii serovar 18 isolated in Japan from a diarrhea patient after a trip to Southeast Asia] Kodama H, et al. **Kansenshogaku Zasshi** 1984 Dec;58(12):1285-8 (Eng. Abstr.) (Jpn)

[Effect of specimen workup on detection of Shigella antigens] Nurkina NM, et al. **Lab Delo** 1985;(4):232-5 (Eng. Abstr.) (Rus)

[Intestinal dysbacteriosis in patients with dysentery and gastritis with secretory insufficiency] Zasukha GP, et al. **Vrach Delo** 1985 Feb;(2):108-10 (Rus)

[Structure of the causative agents of shigellosis in areas of the USSR 1979-1981] Tikhomirov ED, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):36-40 (Eng. Abstr.) (Rus)

[Species of Shigella isolated in a 4-year period and antimicrobial sensitivity] López-Brea M, et al. **Rev Sanid Hig Publica (Madr)** 1984 Jan-Feb;58(1-2):151-8 (Eng. Abstr.) (Spa)

OCCURRENCE

Epidemic Shiga bacillus dysentery in Central Africa. Ebright JR, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1192-7

An epidemic of shigellosis in a day-care centre in Quebec. **Can Med Assoc J** 1985 Feb 15;132(4):399-400

An epidemic of bacillary dysentery at Raipur [letter] Aggarwal P, et al. **J Diarrhoeal Dis Res** 1985 Mar;3(1):32

Epidemic dysentery caused by the Shiga bacillus in a southern Indian village. Mathan VI, et al. **J Diarrhoeal Dis Res** 1984 Mar;2(1):27-32

A bacillary dysentery epidemic in Dar es Salaam, Tanzania. Mhalu FS, et al. **J Diarrhoeal Dis Res** 1984 Dec;2(4):217-22

Shigellosis: an old disease with new faces [editorial] Rahaman MM. **J Diarrhoeal Dis Res** 1984 Dec;2(4):208

To shigellosis epidemicity in East-Slovakian region. Kováčová D, et al. **J Hyg Epidemiol Microbiol Immunol** 1985;29(1):59-68

Incidence of shigellosis among paediatric diarrhoeal disorders (a bacteriological study). Sultana CM, et al. **J Indian Med Assoc** 1984 Aug;82(8):279-81

Leads from the MMWR. Shigellosis--United States, 1983. **JAMA** 1984 Nov 23-30;252(20):2811

Epidemic shiga bacillary dysentery in Rangoon, Burma, 1984/85 [letter] Tin Aye, et al. **Lancet** 1985 Jun 22; 1(8443):1442

Shigellosis--United States, 1984. **MMWR** 1985 Oct 4; 34(39):600-2

Shigellosis--United States, 1983. **MMWR** 1984 Nov 2; 33(43):616-8

[The local epidemic of Shigella dysenteriae in Wuwei County, Gansu Province] Cao KH. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Jun; 5(3):167-8 (Eng. Abstr.) (Chi)

[Bacillary dysentery in Utrecht: 2 epidemics] Mazurkiewicz E, et al. **Ned Tijdschr Geneeskd** 1985 May 11;129(19):895-9 (Eng. Abstr.) (Dut)

[The Shigella flexneri epidemic of 1983/84: the lesson to be learned from this] Mossel DA, et al. **Ned Tijdschr Geneeskd** 1985 May 11;129(19):886-8 (Dut)

[Bacillary dysentery 1982] Stypułkowska-Misiurewicz H, et al. **Przegl Epidemiol** 1984;38(2):157-64 (Pol)

[Effect of various factors of communal living on the incidence of dysentery] Iarovoi PI. **Gig Sanit** 1985 Feb; (2):21-2 (Eng. Abstr.) (Rus)

[Analysis of the seasonality of acute intestinal diseases with regard to the detection of dysentery by antigen indication] Karal'nik BV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Aug;(8):37-40 (Eng. Abstr.) (Rus)

[Presence of Salmonellas and Shigellas in a school population] Goiriena de Gandarias J, et al. **Rev Sanid Hig Publica (Madr)** 1983 Nov-Dec; 57(11-12):1161-74 (Eng. Abstr.) (Spa)

[Seasonal incidence of diarrhea caused by Shigella] López-Brea M, et al. **Rev Sanid Hig Publica (Madr)** 1984 Mar-Apr;58(3-4):263-8 (Eng. Abstr.) (Spa)

PATHOLOGY

Distribution and spread of colonic lesions in shigellosis: a colonoscopic study. Speelman P, et al. **J Infect Dis** 1984 Dec;150(6):899-903

PHYSIOPATHOLOGY

Pathogenesis of Shigella diarrhea. IX. Simplified high yield purification of Shigella toxin and characterization of subunit composition and function by the use of subunit-specific monoclonal and polyclonal antibodies. Donohue-Rolfe A, et al. **J Exp Med** 1984 Dec 1; 160(6):1767-81

Establishment of gnotobiotic state in guinea pigs and their response to Shigella infection. Jing SL, et al. **Prog Clin Biol Res** 1985;181:191-4

PREVENTION & CONTROL

Oral vaccination of monkeys with an invasive Escherichia coli K-12 hybrid expressing Shigella flexneri 2a somatic antigen. Formal SB, et al. **Infect Immun** 1984 Nov; 46(2):465-9

THERAPY

[Diagnosis and treatment of intestinal toxicoses in young children living in a tropical climate] Melent'ev IA, et al. **Pediatriia** 1985 Feb;(2):50-4 (Rus)

TRANSMISSION

[Animal carriers of Shigella and their possible epidemiological importance] Priamukhina NS, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):20-4 (50 ref.) (Rus)

VETERINARY

Physiological properties and classification of strains of Treponema sp. isolated from pigs in Poland. Binek M, et al. **Comp Immunol Microbiol Infect Dis** 1984;7(3-4):141-8

[Outbreak of shigellosis among non-human primates maintained in captivity] Brito Loureiro EC, et al. **Rev Latinoam Microbiol** 1984 Oct-Dec;26(4):305-8 (Eng. Abstr.) (Por)

DYSGAMMAGLOBULINEMIA

CHEMICALLY INDUCED

IgA deficiency during aurothioglucose treatment. A case report. van Riel PL, et al. **Scand J Rheumatol** 1984; 13(4):334-6

COMPLICATIONS

Henoch-Schönlein syndrome and selective IgA deficiency. Martini A, et al. **Arch Dis Child** 1985 Feb;60(2):160-2

Recurrent infections with IgG2 deficiency. Plebani A, et al. **Arch Dis Child** 1985 Jul;60(7):670-2

Lymphadenopathy and selective IgA deficiency. French MA. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):646-7

Selective IgA deficiency and sarcoidosis [letter] Rubinstein I, et al. **Chest** 1985 Jul;88(1):160

Association of ulcerative colitis, sclerosing cholangitis and cholangiocarcinoma in a patient with IgA deficiency. Curzio M, et al. **Endoscopy** 1985 May;17(3):123-5

Malacoplakia associated with vesicoureteral reflux and selective immunoglobulin A deficiency. Witherington R, et al. **J Urol** 1984 Nov;132(5):975-7

IgA deficiency and AIDS [letter] Hepner M, et al. **JAMA** 1985 Aug 16;254(7):912

Impaired lung function in patients with IgA deficiency and low levels of IgG2 or IgG3. Björkander J, et al. **N Engl J Med** 1985 Sep 19;313(12):720-4

[Dissociated humoral IgG and IgA immunodeficiency with increased IgM. Apropos of a case] Ayed K, et al. **Ann Pediatr (Paris)** 1984 Oct;31(8):677-80 (Eng. Abstr.) (Fre)

[Role of immunoglobulins in various forms of uveitis] Teplinskaia LE, et al. **Vestn Oftalmol** 1984 Nov-Dec; (6):47-51 (Eng. Abstr.) (Rus)

CONGENITAL

[Dysgammaglobulinemia] Andriukin AA, et al. **Klin Med (Mosk)** 1985 Mar;63(3):101-3 (Rus)

DIAGNOSIS

Alpha-1-antitrypsin levels and clinical symptoms in forty-eight children with selective IgA deficiency. Ostergaard PA. **Eur J Pediatr** 1984 Sep;142(4):276-8

[Ulcerative dermatitis (pyoderma gangrenosum) with selective IgA deficiency and development of an oral carcinoma] Kuhn A. **Z Hautkr** 1985 Jan;60(1-2):79-82 (Eng. Abstr.) (Ger)

DRUG THERAPY

Thymopentin treatment of selective IgA deficiency. Fiorilli M, et al. **Surv Immunol Res** 1985;4 Suppl 1:129-34

ETIOLOGY

Suppression of IgA synthesis in chickens. Tiwary BK, et al. **Vet Immunol Immunopathol** 1984 Oct;7(3-4):305-13

[Non-secreting form of IgD multiple myeloma] Kraj M, et al. **Nowotwory** 1984 Oct-Dec;34(4):355-8 (Eng. Abstr.) (Pol)

[Immunoglobulin A level in the saliva of children living in areas of industrial air pollution] Usatova EA. **Gig Sanit** 1985 Feb;(2):89-90 (Rus)

[Hepatic abscess, osteomyelitis and monoclonal gammapathy in chronic brucellosis] Collazos González J, et al. **Rev Clin Esp** 1984 Aug 15-31;174(3-4):131-3 (Spa)

FAMILIAL & GENETIC

Detection of IgA heavy chain constant region genes in IgA deficient donors: evidence against gene deletions. Hammarström L, et al. **Clin Exp Immunol** 1985 Jun; 60(3):661-4

Family studies of IgA deficiency. Wilton AN, et al. **Immunogenetics** 1985;21(4):333-42

Aberrant recombination events in B cell lines derived from a kappa-deficient human. Stavnezer J, et al. **Nucleic Acids Res** 1985 May 24;13(10):3495-514

[Dissociated deficiency in immunoglobulins. Apropos of a familial case of IgA-IgM deficiency with malabsorption and lymphoid nodular dystrophy] Sakka T, et al. **Tunis Med** 1985 Feb;63(2):99-104 (Eng. Abstr.) (Fre)

IMMUNOLOGY

Benign monoclonal gammapathy. Waldenström JG. **Acta Med Scand** 1984;216(5):435-47

Ontogeny of IgG2 antibodies against S. aureus teichoic acid in normal and immunodeficient children. Hammarström L, et al. **Acta Paediatr Scand** 1985 Jan;74(1):126-30

False-positive Waaler-Rose test due to anti-rabbit IgM antibodies in IgA deficiency. Truedsson L, et al. **Clin Exp Rheumatol** 1983 Oct-Dec;1(4):307-10

Selective IgA deficiency associated with recurrent sinopulmonary infections in sarcoidosis. Rubinstein I, et al. **Eur J Respir Dis** 1984 Oct;65(7):550-2

Immunoglobulin subclass distribution of human anti-carbohydrate antibodies: aberrant pattern in IgA-deficient donors. Hammarström L, et al. **Immunology** 1985 Apr;54(4):821-6

Cross-reactive idiotypes in immunoglobulin A-deficient sera. Cheung MK, et al. **J Clin Invest** 1985 May;75(5):1722-8

The wasted mutant mouse. I. An animal model of secretory IgA deficiency with normal serum IgA. Kaiserlian D, et al. **J Immunol** 1985 Aug;135(2):1126-31

Malignancy in immunodeficiencies. Kelly K, et al. **Kans Med** 1985 Mar;86(3):90-2

Recurrent pneumococcal infections in a patient with lack of specific IgG and IgM pneumococcal antibodies and deficiency of serum IgA, IgG2 and IgG4. Braconier JH, et al. **Scand J Infect Dis** 1984;16(4):407-10

False-positive Waaler-Rose test in IgA deficiency. Hammarström L, et al. **Scand J Rheumatol** 1985;14(1):83-4

HLA antigens in selective IgA deficiency: distribution in healthy donors and patients with recurrent respiratory tract infections. Hammarström L, et al. **Tissue Antigens** 1984 Jul; 24(1):35-9

Autoantibodies, including antibasement membrane antibody, in patients with selective IgA deficiency. Funakoshi N, et al. **Tohoku J Exp Med** 1985 Jan;145(1):49-55

[The IgA deficiency syndrome in children] Ostergaard PA. **Ugeskr Laeger** 1984 Aug 20;146(34):2556-8 (Eng. Abstr.) (Dan)

[Lymphocyte study in the selective deficit of IgA] Danieli MG, et al. **Recenti Prog Med** 1984 Dec;75(12):1061-75 (Eng. Abstr.) (Ita)

[Determination of human B cell functions by Salmonella paratyphi B and its clinical significance] Funato T, et al. **Rinsho Byori** 1985 Jan;33(1):82-8 (Jpn)

PATHOLOGY

Secretory component, alpha 1-antitrypsin and lysozyme in IgA deficient children. An immunohistochemical evaluation of intestinal mucosa. Dura WT, et al. **Histopathology** 1984 Sep;8(5):747-57

VETERINARY

Inherited dysgammaglobulinemia of chickens: reduced incidence of disease in parabiotic chimeras. Van de Water J, et al. **Clin Immunol Immunopathol** 1985 Jul;36(1):1-9

DYSGERMINOMA

Mediastinal germinoma: two cases. Kersh CR, et al. **Va Med** 1985 Jan;112(1):42-4

[Malignant tumors of the surgically corrected undescended testicle] Zak BI, et al. **Urol Nefrol (Mosk)** 1984 Nov-Dec; (6):27-9 (Eng. Abstr.) (Rus)

[Bilateral seminoma of the testis. Case report] Klimo J. **Cesk Radiol** 1985 Mar;39(2):108-10 (Eng. Abstr.) (Slo)

ANALYSIS

Lectin histochemistry of classic and spermatocytic seminoma. Lee MC, et al. **Arch Pathol Lab Med** 1985 Oct; 109(10):938-42

The biological and clinical significance of HCG-containing cells in seminoma. Butcher DN, et al. **Br J Cancer** 1985 Apr;51(4):473-8

Immunohistochemical ferritin in testicular seminoma. Cohen C, et al. **Cancer** 1984 Nov 15;54(10):2190-4

Advances in pathology and immunocytochemistry. Heyderman E. **J R Soc Med** 1985;78 Suppl 6:9-18

Immunohistochemical and radioimmunological determination of beta-HCG and pregnancy-specific beta 1-protein in seminomas. Steffens J, et al. **Urol Int** 1985; 40(2):72-5

BLOOD

Pure dysgerminoma of the ovary with elevated serum human chorionic gonadotropin: diagnostic and therapeutic considerations. Kapp DS, et al. **Gynecol Oncol** 1985 Feb; 20(2):234-44

[Pregnancy-specific beta 1-glycoprotein: a tumor marker] Horne CH, et al. **Ric Clin Lab** 1984;14 Suppl 2:33-8 (Ita)

BLOOD SUPPLY

Vascularization of malignant testicular tumors. Ikinger U, et al. **Urology** 1985 Jul;26(1):41-4

COMPLICATIONS

Testicular tumors in cryptorchidism. Shehata WM. **IMJ** 1985 Jan;167(1):60–1

Acute bilobar collapse secondary to endobronchial metastatic seminoma. Cooper JA Jr, et al. **J Can Assoc Radiol** 1985 Jun;36(2):166–7

XY gonadal dysgenesis with gonadoblastoma and dysgerminoma. Nagamani M, et al. **South Med J** 1984 Sep;77(9):1205–7

Seminoma and sarcoidosis: an unusual association. Blacher EJ, et al. **Urology** 1985 Sep;26(3):238–9

Giant seminoma of undescended testis in Down syndrome. Kamidono S, et al. **Urology** 1985 Jun;25(6):637–40

Intra-abdominal seminomas in persistent müllerian duct syndrome. Kazim E. **Urology** 1985 Sep;26(3):290–2

Urinary retention secondary to ovarian dysgerminoma in a girl. Nishimoto N, et al. **Urology** 1985 Jul;26(1):71–3

[Bilateral gonadoblastoma in a case of Turner syndrome with 40,XO monosomy] Schütz M, et al. **Zentralbl Gynakol** 1984;106(13):935–8 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

Delay in diagnosing testicular tumours. Jones WG, et al. **Br Med J [Clin Res]** 1985 May 25;290(6481):1550

Dysgerminoma of the ovary: incidental finding during cesarean section. Rabinowitz R, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Feb;19(2):105–8

Primary intrasellar germinoma in a woman presenting with secondary amenorrhea and hyperprolactinemia. Shen DY, et al. **Neurosurgery** 1984 Sep;15(3):417–20

[Testis tumor, an insidious disease] van der Meijden AP, et al. **Ned Tijdschr Geneeskd** 1984 Aug 4;128(31):1457–9 **(Dut)**

[Tumor markers and endocrinologic aspects in intracranial germinoma] Andler W, et al. **Klin Padiatr** 1985 Jan–Feb;197(1):58–60 (Eng. Abstr.) **(Ger)**

[A study of serum immunosuppressive acidic protein levels in germinal testicular cancers] Miki T, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Dec;75(12):1883–9 (Eng. Abstr.) **(Jpn)**

[Extragonadal germ cell cancer in the mediastinum] Mella O, et al. **Tidsskr Nor Laegeforen** 1985 May 30;105(15):1060–3 (Eng. Abstr.) **(Nor)**

[Differential diagnosis of ovarian tumors] Selezneva ND. **Akush Ginekol (Mosk)** 1984 Aug;(8):65–8 **(Rus)**

[Clinical picture and treatment of ovarian dysgerminoma patients] Antoshechkina ET. **Vopr Onkol** 1985;31(3):68–74 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

A VP16-213- and cisplatin-containing regimen for treatment of refractory ovarian germ cell malignancies. Smith EB, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):927–31

Advanced seminoma: treatment with cis-platinum-based combination chemotherapy or carboplatin (JM8). Peckham MJ, et al. **Br J Cancer** 1985 Jul;52(1):7–13

VAB-6 as initial treatment of patients with advanced seminoma. Stanton GF, et al. **J Clin Oncol** 1985 Mar;3(3):336–9

Chemotherapy trials in recurrent primary intracranial germ cell tumors. Allen JC, et al. **J Neurooncol** 1985;3(2):147–52

Vinblastine, actinomycin D, bleomycin, cyclophosphamide and cis-platinum for advanced germ cell testis tumors: Brazilian experience. Srougi M, et al. **J Urol** 1985 Jul;134(1):65–9

Combination chemotherapy in the management of ovarian germ cell malignancies. Schwartz PE. **Obstet Gynecol** 1984 Oct;64(4):564–72

[Two cases of advanced seminoma treated with Einhorn's regimen] Kawano S, et al. **Gan No Rinsho** 1985 Apr;31(4):449–52 (Eng. Abstr.) **(Jpn)**

[Successful treatment of mediastinal seminoma with combination chemotherapy of cis-diamminedichloroplatinum (CDDP), vinblastine (VBL), and bleomycin (BLM)] Takatsuka Y, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):951–6 (Eng. Abstr.) **(Jpn)**

[Complete remission of recurrent ovarian dysgerminoma obtained by combined chemotherapy with cisplatin, adriamycin and cyclophosphamide] Yokota H, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):151–4 (Eng. Abstr.) **(Jpn)**

[Chemotherapy of disseminated germ cell testicular tumors with cis-diamminedichloroplatinum and other drugs] Okumura S, et al. **Hinyokika Kiyo** 1984 Aug;30(8):1107–16 (Eng. Abstr.) **(Jpn)**

[Chemotherapy of advanced seminoma] Rinsho K, et al. **Hinyokika Kiyo** 1984 Apr;30(4):513–7 (Eng. Abstr.) **(Jpn)**

[A case of advanced seminomatous germ cell tumor cured with PVB combination chemotherapy] Yamaguchi S, et al. **Hinyokika Kiyo** 1984 Aug;30(8):1117–22 (Eng. Abstr.) **(Jpn)**

ENZYMOLOGY

Placental alkaline phosphatase in testicular germ cell tumours and in carcinoma-in-situ of the testis. An immunohistochemical study. Jacobsen GK, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Sep;92(5):323–9

Placental alkaline phosphatase as a tumour marker in seminoma using the H17 E2 monoclonal antibody assay. Horwich A, et al. **Br J Cancer** 1985 May;51(5):625–9

Evaluation of an amplified enzyme-linked immunoassay of placental alkaline phosphatase in testicular cancer. Cooper EH, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):525–30

Analysis of serum lactic dehydrogenase levels and its isoenzymes in ovarian dysgerminoma. Fujii S, et al. **Gynecol Oncol** 1985 Sep;22(1):65–72

Eutopic expression of placental-like alkaline phosphatase in testicular tumors. Jeppsson A, et al. **Int J Cancer** 1984 Dec 15;34(6):757–61

Lack of an association between testicular cancers and low steroid sulphatase activity in peripheral leucocytes [letter] Tolley E, et al. **Lancet** 1985 Sep 7;2(8454):563

FAMILIAL & GENETIC

Testicular neoplasms occurring in four brothers. A search for a genetic predisposition. Gedde-Dahl T Jr, et al. **Cancer** 1985 May 1;55(9):2005–9

Chromosome analysis of three seminomas. Atkin NB, et al. **Cancer Genet Cytogenet** 1985 Aug;17(4):315–23

46,XY gonadal dysgenesis: is oncogenesis related to H-Y phenotype or breast development? Warner BA, et al. **Hum Genet** 1985;69(1):79–85

METABOLISM

Induction of rat yolk sac carcinomas with consistent pattern of laminin, entactin, and type IV collagen biosynthesis. Wewer U. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Jul;92(4):275–83

Idiopathic growth hormone (GH) deficiency, and GH deficiency secondary to hypothalamic germinoma: effect of single and repeated administration of human GH-releasing factor (hGRF) on plasma GH level and endogenous hGRF-like immunoreactivity level in cerebrospinal fluid. Chihara K, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):269–78

Testicular tumour markers in tissue correlated to serum levels and clinical stage. Alm P, et al. **Scand J Urol Nephrol** 1984;18(4):283–8

MORTALITY

[Germ cell tumors of the ovary] Hørding U, et al. **Ugeskr Laeger** 1985 Feb 25;147(9):784–8 (Eng. Abstr.) **(Dan)**

OCCURRENCE

Testicular tumors in the Netherlands. Zwaveling A, et al. **Cancer** 1985 Apr 1;55(7):1612–7

Bilateral synchronous germ cell tumors. Miles BJ, et al. **J Urol** 1985 Apr;133(4):679–80

[Intrascrotal neoplasms in specimens from the Institute of Pathology, Medical Academy, in Cracow. Age structure of the patient population] Frasik W. **Patol Pol** 1984 Apr–Jun;35(2):207–12 (Eng. Abstr.) **(Pol)**

PATHOLOGY

Primary retroperitoneal seminoma diagnosed by fine needle aspiration biopsy. A case report. Tao LC, et al. **Acta Cytol (Baltimore)** 1984 Sep–Oct;28(5):598–600

Systemic metastases in primary intracranial germinoma. Case report and literature review. Gay JC, et al. **Cancer** 1985 Jun 1;55(11):2688–90

Analysis of proliferative compartments in human tumors. II. Seminoma. Rabes HM, et al. **Cancer** 1985 Apr 15;55(8):1758–69

Dysgerminoma. A report of five cases. Vitoratos N, et al. **Eur J Gynaecol Oncol** 1985;6(1):53–6

Germ cell tumours confined to the supra-clavicular fossa: a report of two cases. Slevin NJ, et al. **Eur J Surg Oncol** 1985 Jun;11(2):187–90

Testicular germ cell tumours. Current problems of histogenesis and classification. Kiss F, et al. **Int Urol Nephrol** 1985;17(1):85–95 (60 ref.)

Germinoma of the pituitary gland; a report of two cases. Andrew J, et al. **J Neurol Neurosurg Psychiatry** 1985 Jun;48(6):589–92

Intracranial germ cell tumors: pathobiological and immunohistochemical aspects of 70 cases. Bjornsson J, et al. **J Neuropathol Exp Neurol** 1985 Jan;44(1):32–46

Primary intracranial germ-cell tumors. A clinicopathological study of 14 cases. Shokry A, et al. **J Neurosurg** 1985 Jun;62(6):826–30

Inguinal lymph node metastases from testicular tumor. Stein M, et al. **J Urol** 1985 Jul;134(1):144–5

Testicular tumors in subfertile men: report of 4 cases with implications for management of patients presenting with infertility. West AB, et al. **J Urol** 1985 Jan;133(1):107–9

Germinoma with syncytiotrophoblastic giant cells [letter] Heifetz SA. **Pediatr Pathol** 1984;2(2):245–6

Seminoma after orchiopexy. A case report. Thore J, et al. **Scand J Urol Nephrol** 1984;18(4):357–9

Thymic epithelial neoplasms. Swinborne-Sheldrake K, et al. **South Med J** 1985 Jul;78(7):790–800

Seminoma with elevated human chorionic gonadotropin. The case for retroperitoneal lymph node dissection. Pritchett TR, et al. **Urology** 1985 Apr;25(4):344–6

The significance of giant cells in human testicular seminomas. A clinico-pathological study. von Hochstetter AR, et al. **Virchows Arch [A]** 1985;407(3):309–22

[Atypical seminoma tumors] Ianev Ia, et al. **Khirurgiia (Sofiia)** 1984;37(4):273–5 (Eng. Abstr.) **(Bul)**

[Bilateral testicular cancer of different histological types] Fouiques H, et al. **J Urol (Paris)** 1984;90(5):369–74 (Eng. Abstr.) **(Fre)**

[Case of XY-type gonadal dysgenesis with the development of bilateral gonadoblastomas] Wolke P, et al. **Zentralbl Gynakol** 1984;106(14):1025–7 (Eng. Abstr.) **(Ger)**

[Dysgerminoma of the ovary. Clinical and anatomopathologic analysis of 11 cases treated at the Mangiagalli Clinic 1970–1979] Carinelli SG, et al. **Ann Ostet Ginecol Med Perinat** 1984 May–Jun;105(3):161–70 (Eng. Abstr.) **(Ita)**

[Mixed germ cell tumors of the ovary. Clinical and anatomopathologic analysis of 3 cases of mixed tumors composed of dysgerminoma and endodermal sinus tumor treated at the Mangiagalli Clinic 1970–1979] Carinelli SG, et al. **Ann Ostet Ginecol Med Perinat** 1984 May–Jun;105(3):143–8 (Eng. Abstr.) **(Ita)**

[Rare case of gonadoblastoma, in mixed gonadal dysgenesis. Unusual morphologic aspects] Borrelli D, et al. **Arch De Vecchi Anat Patol** 1983 Jul;65(2–3):215–28 **(Ita)**

[Primary retroperitoneal seminoma (description of a case)] Malossini G, et al. **Chir Ital** 1985 Feb;37(1):72–9 (Eng. Abstr.) **(Ita)**

[A case of bilateral testicular germ cell tumors of different cell types with maturation in the metastatic region] Asano S, et al. **Hinyokika Kiyo** 1984 Sep;30(9):1285–92 (Eng. Abstr.) **(Jpn)**

[A case of occult testicular tumor] Matsuse K, et al. **Hinyokika Kiyo** 1985 Mar;31(3):521–6 (Eng. Abstr.) **(Jpn)**

[Identification of lymphocyte subpopulations in testicular and bladder tumors] Hoshi S, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Feb;76(2):211–8 (Eng. Abstr.) **(Jpn)**

[Malignant tumors of the ovaries in young people] Shuvaeva NI, et al. **Sov Med** 1984;(11):25–31 (Eng. Abstr.) **(Rus)**

[Bilateral involvement of the testes with seminoma] Iasinskii BV, et al. **Urol Nefrol (Mosk)** 1985 Jan–Feb;(1):54 **(Rus)**

[The role of the structural characteristics of ovarian dysgerminoma in its prognosis] Karseladze AI, et al. **Vopr Onkol** 1985;31(4):60–6 (Eng. Abstr.) **(Rus)**

[Germinal tumor of the testicle, renal adenocarcinoma and tumor of the contralateral superior urothelium in the same patient: infrequent association of tumoral pathology] Pérez-Castro Ellendt E, et al. **Arch Esp Urol** 1984 Nov–Dec;37(6):526–32 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Flow cytometric evaluation of sperm from patients with testicular carcinoma. Evenson DP, et al. **J Urol** 1984 Dec;132(6):1220–5

PSYCHOLOGY

[Sexual behavior after diagnosis and treatment of cancer of the testicle] Germà Lluch JR, et al. **Med Clin (Barc)** 1984 Nov 3;83(14):567–71 (Eng. Abstr.) **(Spa)**

RADIOGRAPHY

Residual abdominal masses after chemotherapy for nonseminomatous testicular cancer: correlation of CT and histology. Stomper PC, et al. **AJR** 1985 Oct;145(4):743–6

Priorities for computed tomography in the management of testicular seminoma. Chisholm EM, et al. **Clin Radiol** 1984 Nov;35(6):441–2

Value of computed tomography in treatment planning and follow-up of dysgerminoma. Pollack J, et al. **NY State J Med** 1984 Dec;84(12):621–2

Relative role of abdominal pelvic CT and lymphangiography in staging of testicular seminoma. Macher MS, et al. **Urology** 1985 Aug;26(2):193–5

[X-ray computed tomography and primary thoracic seminoma] Vandermarcq P, et al. **J Radiol** 1985 Feb;66(2):157–60 (Eng. Abstr.) **(Fre)**

[Mediastinal seminoma. Value of x-ray computed tomography (letter)] Boiffard O, et al. **Presse Med** 1984 Oct 20;13(37):2265–6 **(Fre)**

[A mediastinal seminoma (clinical conference)] Gilis F, et al. **Rev Med Liege** 1985 Jun 1;40(11):474–9 **(Fre)**

RADIOTHERAPY

Testicular seminoma in Denmark 1976–1980. Results of treatment. Schultz HP, et al. **Acta Radiol [Oncol]** 1984;23(4):263–70

46 years of radiotherapy in testis tumor patients. Treatment, results and late effects in 125 seminoma patients. Deckers C, et al. **Acta Urol Belg** 1985;53(2):310–7 **(Eng, Fre)**

Cure of advanced seminoma of the testis by radiotherapy without cytotoxic chemotherapy. Bolger JJ. **Br J Clin Pract** 1984 Sep;38(9):329–30

Primary seminoma of the mediastinum. Cancer Control Agency of British Columbia experience. Lee YM, et al. **Cancer** 1985 Jan 15;55(2):450–2

The place of radiotherapy in the treatment of stage I and II testicular tumours. De Schryver A, et al.

J Belge Radiol 1984;67(6):431–5

Multiple fusiform intracranial aneurysms following curative radiation therapy for suprasellar germinoma. Case report. Azzarelli B, et al. **J Neurosurg** 1984 Dec;61(6):1141–5

Management of testicular tumours. Is radiotherapy defunct? Hope-Stone HF. **J R Soc Med** 1985;78 Suppl 6:35–9

Radiation therapy of seminoma of the testis. Jose B, et al. **J Surg Oncol** 1985 Jan;28(1):1–3

[Lumbar radiation myelopathy. Case report on localization of lumbar radiation sequelae] Berlit P. **Nervenarzt** 1985 Apr; 56(4):206–9 (Eng. Abstr.) **(Ger)**

[The immune status of patients with irradiated testicular neoplasms] Stefanits K, et al. **Strahlentherapie** 1985 Jul; 161(7):406–9 (Eng. Abstr.) **(Ger)**

SECONDARY

The management of metastatic germ cell tumours and the clinical utility of lactate dehydrogenase estimations. Gill PG, et al. **Aust NZ J Surg** 1985 Apr;55(2):133–40

Chemotherapy of metastatic seminoma. Schuette J, et al. **Br J Cancer** 1985 Apr;51(4):467–72

Suprasellar germ cell tumor with extracranial metastases. Jennings CD, et al. **Neurosurgery** 1985 Jan;16(1):9–12

Spontaneous maturation in the metastatic region of a bilateral testicular germ cell tumor. Asano S, et al. **Urol Int** 1984; 39(6):361–5

Brachial plexus neuropathy from metastatic testicular seminoma. Prolonged survival after surgery and radiation therapy. Hans S, et al. **Urology** 1985 Apr;25(4):398–400

SECRETION

Intramedullary spinal cord germinoma producing HCG and precocious puberty in a boy. Hisa S, et al. **Cancer** 1985 Jun 15;55(12):2845–9

Germinoma in a boy with precocious puberty: evidence of hCG secretion by the tumoral cells. Pomarède R, et al. **Childs Brain** 1984;11(5):298–303

[Clinical, endocrinological and pathohistologic aspects of beta-HCG positive seminoma] Kuber W, et al. **Wien Klin Wochenschr** 1984 Sep 14;96(17):662–6 (Eng. Abstr.) **(Ger)**

SURGERY

Dystocia due to impacted dysgerminoma. Ojha J, et al. **J Indian Med Assoc** 1984 May;82(5):173–5

Orchidectomy for clinical stage I testicular cancer: progress report of the Royal Marsden Hospital Study. Peckham MJ. **J R Soc Med** 1985;78 Suppl 6:41–2

Primary intracranial germinoma with massive ventriculoperitoneal shunt metastases. Talamo TS, et al. **J Surg Oncol** 1985 Jan;28(1):39–41

Suprasellar germinoma occurring two years after total removal of pineal teratoma. Nagasawa S, et al. **Surg Neurol** 1984 Nov;22(5):481–5

[Ovary dysgerminoma] Wang ZH, et al. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Mar;20(2):79–80, 125–6 (Eng. Abstr.) **(Chi)**

THERAPY

Germ cell tumours in younger patients. Hudson CN, et al. **Aust NZ J Obstet Gynaecol** 1984 May;24(2):143–6 (22 ref.)

Possible new approaches to the management of seminoma of the testis. Oliver RT, et al. **Br J Urol** 1984 Dec; 56(6):729–33

Controversies in the management of testicular seminoma. Thomas GM. **Cancer** 1985 May 1;55(9 Suppl):2296–302

Testicular seminoma: analysis of treatment and failure for stage II disease. Evensen JF, et al. **Radiother Oncol** 1985 Aug;4(1):55–61

The management of advanced seminoma. Wettlaufer JN. **Semin Urol** 1984 Nov;2(4):257–63

The management of seminoma in Edinburgh. Hargreave TB, et al. **Turk J Pediatr** 1984;26(1–4):297–300

[Dysgerminoma of the ovary (analysis of 17 cases)] Gao Q. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Jan;20(1):41–2 **(Chi)**

[Primary extratesticular seminoma] Stallaert R, et al. **Ned Tijdschr Geneeskd** 1985 Feb 23;129(8):362–5 (Eng. Abstr.) **(Dut)**

[Mediastinal germ cell tumor] Kado M, et al. **Bull Chest Dis Res Inst Kyoto Univ** 1984 Mar; 17(1–2):114–21 (Eng. Abstr.) **(Jpn)**

[Mediastinal seminoma—report of a case] Miyamoto M, et al. **Kyobu Geka** 1984 Nov;37(12):934–7 (Eng. Abstr.) **(Jpn)**

[Results of the treatment for pure seminoma of the testis] Nishio Y, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 May; 75(5):778–86 (Eng. Abstr.) **(Jpn)**

[Treatment of malignant ovarian neoplasms derived from germinal cords and germinal epithelium at the Łódź Oncological Center 1970–1974] Sekowski A, et al. **Ginekol Pol** 1984 Jun;55(6):415–9 (Eng. Abstr.) **(Pol)**

[Dysgerminoma of the ovary. Retrospective review of 51 cases] Ayala Hernández JR, et al. **Ginecol Obstet Mex** 1984 Nov;52(331):263–6 (Eng. Abstr.) **(Spa)**

[Malignant germ cell neoplasms of the ovary. Experience with 40 cases] Torres Lobatón A, et al. **Ginecol Obstet Mex** 1983 Oct;51(318):259–66 (Eng. Abstr.) **(Spa)**

ULTRASTRUCTURE

Intranuclear membranous profiles in germinoma cells—a variant of nuclear pockets and intranuclear annulate lamellae. Koide O, et al. **Acta Pathol Jpn** 1985 May; 35(3):605–19

[Electron microscopic studies on histogenesis of testicular tumor. 1. Electron microscopic observations of spermatocytic seminoma] Satoh K, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Dec;75(12):1939–48 (Eng. Abstr.) **(Jpn)**

[Electron microscopic studies on the histogenesis of testicular tumor. 2. Fine structure of intratubular atypical germ cell] Sotho K, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Mar; 76(3):383–91 (Eng. Abstr.) **(Jpn)**

VETERINARY

A seminoma and a leiomyosarcoma in an albino African lungfish (Protopterus dolloi). Hubbard GB, et al. **J Wildl Dis** 1985 Jan;21(1):72–4

DYSGEUSIA see under **TASTE DISORDERS**

DYSKINESIA see **MOVEMENT DISORDERS**

DYSKINESIA, DRUG-INDUCED

View from the Nation's Courts. Freishtat HW. **J Clin Psychopharmacol** 1983 Feb;3(1):49–50

Amitriptyline-induced abnormal movements [letter] Koller WC, et al. **Neurology** 1985 Jul;35(7):1086

Tardive dyskinesia: current clinical issues. Burke RE. **Neurology (NY)** 1984 Oct;34(10):1348–53 (69 ref.)

Persistent akathisia associated with early dyskinesia [letter] Sandyk R. **Postgrad Med J** 1984 Dec;60(710):916

Dyskinesia. Research and treatment. **Psychopharmacology [Suppl]** 1985;2:1–230

[Tardive dyskinesia: I. Physiopathology and treatment] Andrade LA, et al. **Arq Neuropsiquiatr** 1984 Dec; 42(4):362–70 (43 ref.) (Eng. Abstr.) **(Por)**

BLOOD

Possible association between tardive dyskinesia and altered carbohydrate metabolism [letter] Mukherjee S, et al. **Arch Gen Psychiatry** 1985 Feb;42(2):205

CEREBROSPINAL FLUID

CSF monamine metabolites in movement disorders and normal aging. Stahl SM, et al. **Arch Neurol** 1985 Feb; 42(2):166–9

COMPLICATIONS

Dislocation of temporomandibular joints resulting from thiethylperazine maleate therapy. Corea RT. **Ceylon Med J** 1984 Jun;29(2):117–8

On the lethality of acute respiratory component of tardive dyskinesia. Goswami U, et al. **Clin Neurol Neurosurg** 1985; 87(2):99–102

Fatal myoglobinuric renal failure in a patient with tardive dyskinesia. Lazarus AL, et al. **Neurology** 1985 Jul; 35(7):1055–7

Complications of tardive dyskinesia: a review. Yassa R, et al. **Psychosomatics** 1985 Apr;26(4):305–7, 310, 312–3 (53 ref.)

DIAGNOSIS

Five-year follow-up study of tardive dyskinesia. Gardos G, et al. **Adv Biochem Psychopharmacol** 1985;40:37–42

Akathisia variants and tardive dyskinesia. Barnes TR, et al. **Arch Gen Psychiatry** 1985 Sep;42(9):874–8

Anticholinergic challenge and neuroleptic withdrawal. Changes in dyskinesia and symptom measures. Gardos G, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1030–5

Akathisia and tardive dyskinesia. Changing concepts. Stahl SM. **Arch Gen Psychiatry** 1985 Sep;42(9):915–7

Electroencephalogram in tardive dyskinesia. Wolf ME. et al. **Clin Electroencephalogr** 1984 Oct;15(4):222–5

Training hospital clinicians to diagnose tardive dyskinesia. Germer CK, et al. **Hosp Community Psychiatry** 1984 Aug; 35(8):769–70, 783

Identifying subtypes of tardive dyskinesia. Wolf ME, et al. **Hosp Community Psychiatry** 1984 Aug;35(8):828–30

Respiratory dyskinesia: review and case reports. Chiang E, et al. **J Clin Psychiatry** 1985 Jun;46(6):232–4

Recognition and diagnosis of tardive dyskinesia. Klawans HL. **J Clin Psychiatry** 1985 Apr;46(4 Pt 2):3–7

Observations in tardive dyskinesia [letter] Mehta D, et al. **J Clin Psychiatry** 1985 Feb;46(2):73

Assessment of tardive dyskinesia using the Abnormal Involuntary Movement Scale. Lane RD, et al. **J Nerv Ment Dis** 1985 Jun;173(6):353–7

Cognitive impairment in patients with tardive dyskinesia. Myslobodsky MS, et al. **J Nerv Ment Dis** 1985 Mar; 173(3):156–60

EMG patterns in abnormal involuntary movements induced by neuroleptics. Bathien N, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):1002–8

Modular algorithm for tardive dyskinesia diagnosis (MALTD): a demonstration of a methodological concept for diagnostic decision making. Severe JB, et al. **J Psychiatr Res** 1984;18(3):245–53

Tardive dyskinesia. Goetz CG, et al. **Neurol Clin** 1984 Aug; 2(3):605–14

Preliminary report: voiceprint analysis in tardive dyskinesia. Denber HC, et al. **Psychiatr J Univ Ottawa** 1985 Mar; 10(1):17–20

An applied tardive dyskinesia monitoring system (ATDMS). Kalachnik JE. **Psychopharmacol Bull** 1985;21(2):327–8

Tardive dyskinesia: reversible and irreversible. Casey DE. **Psychopharmacology [Suppl]** 1985;2:88–97

Tardive dyskinesia: a two-year follow-up study. Yassa R, et al. **Psychosomatics** 1984 Nov;25(11):852–5

[Tardive dyskinesia] Ruffieux A, et al. **Rev Med Suisse Romande** 1985 Apr;105(4):339–47 **(Fre)**

DRUG THERAPY

A placebo-controlled trial of valproate in tardive dyskinesia. Nasrallah HA, et al. **Biol Psychiatry** 1985 Feb;20(2):205–8

Gamma-vinyl-GABA treatment of tardive dyskinesia and other movement disorders. Stahl SM, et al. **Biol Psychiatry** 1985 Aug;20(8):888–93

The antidyskinetic action of dihomo-gamma-linolenic acid in the rodent. Costall B, et al. **Br J Pharmacol** 1984 Nov; 83(3):733–40

Naloxone may be beneficial in the treatment of tardive dyskinesia. Blum I, et al. **Clin Neuropharmacol** 1984; 7(3):265–7

Clonidine therapy for tardive dyskinesia and related syndromes. Nishikawa T, et al. **Clin Neuropharmacol** 1984; 7(3):239–45

Tardive dyskinesia and neurotransmitters: effects of sodium valproate, cyproheptadine, oxypertine, hydroxyzine pamoate and Ca-hopantenate on monoamine metabolites, cyclic nucleotides and gamma-aminobutyric acid in human cerebrospinal fluid. Ogawa T, et al. **Clin Ther** 1984;7 Spec No:1–17

Oxypertine in tardive dyskinesia [letter] O'Shea B, et al. **Ir Med J** 1985 Jul;78(7):202–3

Propranolol therapy in a patient with panic disorder, tardive dyskinesia, and essential tremor [letter] Olivera AA, et al. **J Clin Psychiatry** 1984 Nov;45(11):484–5

Tiapride in the treatment of tardive dyskinesia: a clinical and biochemical study. Perényi A, et al. **J Clin Psychiatry** 1985 Jun;46(6):229–31

Effect of clozapine in severe tardive dyskinesia: a case report. Meltzer HY, et al. **J Clin Psychopharmacol** 1984 Oct; 4(5):286–7

Tardive dystonia: treatment with trihexyphenidyl. Wolf ME, et al. **J Clin Psychopharmacol** 1985 Aug;5(4):247–8

Dyskinetic symptoms in profoundly retarded residents following neuroleptic withdrawal and during methylphenidate treatment. Aman MG, et al. **J Ment Defic Res** 1985 Jun;29 (Pt 2):187–95

Variable clinical response to choline in tardive dyskinesia. Nasrallah HA, et al. **Psychol Med** 1984 Aug;14(3):697-700

Carbamazepine in tardive dyskinesia. Perényi A, et al. **Psychopharmacol Bull** 1985;21(2):345–6

Fluperlapine in tardive dyskinesia and parkinsonism. Korsgaard S, et al. **Psychopharmacology (Berlin)** 1984; 84(1):76–9

Biphasic and long-lasting effect of ceruletide on tardive dyskinesia. Nishikawa T, et al. **Psychopharmacology (Berlin)** 1985;86(1–2):43–4

Effect of a cholinomimetic drug (RS 86) in tardive dyskinesia and drug-related parkinsonism. Noring U, et al. **Psychopharmacology (Berlin)** 1984;84(4):569–71

Effects of tiapride in tardive dyskinesia. Pollak P, et al. **Psychopharmacology (Berlin)** 1985;85(2):236–9

Tardive dyskinesia: nondopaminergic treatment approaches. Casey DE. **Psychopharmacology [Suppl]** 1985;2:137–44

The effect of dopamine antagonists in spontaneous and tardive dyskinesia. Fog R. **Psychopharmacology [Suppl]** 1985;2:118–21

Clinical activity of GABA agonists in neuroleptic- and L-dopa-induced dyskinesia. Morselli PL, et al. **Psychopharmacology [Suppl]** 1985;2:128–36

[Tiapride in persistent dyskinesias following long-term L-dopa for parkinsonism] Arlazoroff A, et al. **Harefuah** 1985 Mar 1;108(5):227–9 (Eng. Abstr.) **(Heb)**

[Clonazepam in the treatment of tardive dyskinesia] Alecu C, et al. **Rev Med Interna [Neurol Psihiatr]** 1984 Oct-Dec; 29(4):285–9 (Eng. Abstr.) **(Rum)**

ENZYMOLOGY

Experimental tardive dyskinesia. Gunne LM, et al. **J Clin Psychiatry** 1985 Apr;46(4 Pt 2):48–50

ETIOLOGY

Thiethylperazine and tardive dyskinesia. Sulkava R. **Acta Neurol Scand** 1984 Nov;70(5):369–72

Tardive dystonia and severe tardive dyskinesia. A comparison of risk factors and prognosis. Giménez-Roldán S, et al. **Acta Psychiatr Scand** 1985 May;71(5):488–94

Tardive akathisia and agitated depression during metoclopramide therapy. Shearer RM, et al. **Acta Psychiatr Scand** 1984 Nov;70(5):428–31

Neuroleptic blood levels and tardive dyskinesia. Hitri A, et al. **Adv Biochem Psychopharmacol** 1985;40:29–32

Responsibility and compensation for tardive dyskinesia. Appelbaum PS, et al. **Am J Psychiatry** 1985 Jul; 142(7):806–10

Doxapram and neonatal apnoea [letter] Dear PR, et al.

Arch Dis Child 1984 Sep;59(9):903–4

Tardive dyskinesia and current dose of neuroleptic drugs [letter] Kolakowska T, et al. **Arch Gen Psychiatry** 1985 Sep;42(9):925

Informing patients about tardive dyskinesia. Munetz MR, et al. **Arch Gen Psychiatry** 1985 Sep;42(9):866–71

Relation of neuroleptic dose and tardive dyskinesia to attention, information-processing, and psychophysiology in medicated schizophrenics. Spohn HE, et al. **Arch Gen Psychiatry** 1985 Sep;42(9):849–59

Tardive dyskinesia in the aged. Duration of treatment relationships. Toenniessen LM, et al. **Arch Gen Psychiatry** 1985 Mar;42(3):278–84

Schizophrenics with tardive dyskinesia. Neuropsychological deficit and family psychopathology. Wegner JT, et al. **Arch Gen Psychiatry** 1985 Sep;42(9):860–5

Tardive dyskinesia in patients receiving lithium maintenance therapy. Perényi A, et al. **Biol Psychiatry** 1984 Nov; 19(11):1573–8

Pipotiazine palmitate, a long acting drug, indeed: a case report. Hyrman V. **Can J Psychiatry** 1985 Apr;30(3):221–2

Tardive dyskinesia uncovered after ingestion of Sominex, an over-the-counter drug. Jones B, et al. **Can J Psychiatry** 1985 Aug;30(5):370–1

Tardive dyskinesia: developmental factors. Yassa R, et al. **Can J Psychiatry** 1985 Aug;30(5):344–7

Nomifensine-induced dyskinesia. Koritar E. **Can Med Assoc J** 1985 Aug 1;133(3):207

Dyskinesias associated with lithium therapy in parkinsonism. Coffey CE, et al. **Clin Neuropharmacol** 1984;7(3):223–9

Phenytoin-induced movement disorder associated with intravenous administration for status epilepticus. Howrie DL, et al. **Clin Pediatr (Phila)** 1985 Aug;24(8):467–9

Amoxapine-induced tardive dyskinesia. Tao GK, et al. **Drug Intell Clin Pharm** 1985 Jul–Aug;19(7–8):548–9

Intermittent neuroleptic therapy and tardive dyskinesia: a literature review. Goldman MB, et al. **Hosp Community Psychiatry** 1984 Dec;35(12):1215–9

Overcoming resistance to talking to patients about tardive dyskinesia. Munetz MR. **Hosp Community Psychiatry** 1985 Mar;36(3):283–7

Legal liability for tardive dyskinesia. Wettstein RM, et al. **Hosp Community Psychiatry** 1984 Oct;35(10):992–4

Late onset involuntary movements in chronic schizophrenia: age-related vulnerability to 'tardive' dyskinesia independent of extent of neuroleptic medication. Waddington JL, et al. **Ir Med J** 1985 May;78(5):143–6

Association of intellectual impairment, negative symptoms, and aging with tardive dyskinesia: clinical and animal studies. Waddington JL, et al. **J Clin Psychiatry** 1985 Apr; 46(4 Pt 2):29–33

Tardive dyskinesia in thiothixene treatment [letter] Yassa R, et al. **J Clin Psychiatry** 1985 Apr;46(4):151

Levodopa-induced dyskinesia: clinical observations. Friedman A. **J Neurol** 1985;232(1):29–31

Nomifensine exacerbates orofacial dyskinesia in hypothyroidism [letter] Sandyk R, et al. **Neurology** 1985 Feb;35(2):282

Phenobarbital-induced dyskinesia in a neurologically-impaired child. Wiznitzer M, et al. **Neurology** 1984 Dec;34(12):1600–1

Molindone compared to haloperidol in a guinea-pig model of tardive dyskinesia. Koller W, et al. **Neuropharmacology** 1984 Oct;23(10):1191–4

The prevalence of tardive dyskinesia. Kane JM, et al. **Psychopharmacol Bull** 1985;21(1):136–9

Neuroleptic-related dyskinesias in autistic children: a prospective study. Perry R, et al. **Psychopharmacol Bull** 1985;21(1):140–3

Tardive dyskinesia and depressive symptoms in schizophrenics. Richardson MA, et al. **Psychopharmacol Bull** 1985;21(1):130–5

Fluphenazine-induced acute and tardive dyskinesias in monkeys. Kovacic B, et al. **Psychopharmacology (Berlin)** 1984;84(3):310–4

Induction of tardive dyskinesia in Cebus apella and Macaca speciosa monkeys: a review. Domino EF. **Psychopharmacology [Suppl]** 1985;2:217–23

Tardive dyskinesia: prevalence, incidence, and risk factors. Kane JM, et al. **Psychopharmacology [Suppl]** 1985;2:72–8

Is tardive dyskinesia a unique disorder? Marsden CD. **Psychopharmacology [Suppl]** 1985;2:64–71

[The matter of tardive dyskinesia (editorial)] Deniker P. **Encephale** 1984;10(4):153–4 **(Fre)**

[Treatment of akathisia of neuroleptics by propranolol (letter)] Petit H, et al. **Presse Med** 1985 Apr 20;14(16):895–6 **(Fre)**

[Late dyskinesias. Clinical aspects, pathophysiology, therapy] Brücher K. **Dtsch Med Wochenschr** 1984 Oct 5; 109(40):1533–7 **(Ger)**

[Tardive dyskinesia] Sabbatini F, et al. **Minerva Med** 1985 Apr 14;76(16):797–802 (66 ref.) (Eng. Abstr.) **(Ita)**

[Onset-and end-of-dose dyskinesias induced by L-dopa treatment in a patient with juvenile parkinsonism] Katsuki T, et al. **No To Shinkei** 1984 Dec;36(12):1201–5 (Eng. Abstr.) **(Jpn)**

[Neuroleptic-induced dopaminergic supersensitivity following intermittent and continuous haloperidol administrations in rats] Sato M, et al. **Seishin Shinkeigaku Zasshi** 1984;86(10):841–4 **(Jpn)**

[Neuroleptic perkinsonism and tardive dyskinesia and methods of pharmacologically correcting these pathologic conditions (review)] Arushanian EB. **Zh Nevropatol Psikhiatr** 1985;85(2):269–77 (101 ref.) **(Rus)**

[Tardive dyskinesia in Spain (letter)] Bermejo F, et al. **Med Clin (Barc)** 1985 Jun 15;85(3):125 **(Spa)**

FAMILIAL & GENETIC

Tardive dyskinesia: marked predominance of nongenetic schizophrenia. Bartels M, et al. **Biol Psychiatry** 1985 Jan; 20(1):101–3

METABOLISM

Butaperazine pharmacokinetics in tardive dyskinesia. Wolf ME, et al. **Biopharm Drug Dispos** 1985 Apr–Jun;6(2):223–7

Brain dopamine receptors in schizophrenia and tardive dyskinesia. Seeman P. **Psychopharmacology [Suppl]** 1985; 2:1–8

OCCURRENCE

Tardive dyskinesia: epidemiologic factors as a guide for prevention and management. Casey DE. **Adv Biochem Psychopharmacol** 1985;40:15–24 (33 ref.)

Five-year prospective study of clinical EEG, neuropsychological, and demographic risk variables for persistent tardive dyskinesia. Struve FA. **Adv Biochem Psychopharmacol** 1985;40:33–6

Tardive dyskinesia in schizophrenic outpatients. Kok LP, et al. **Ann Acad Med Singapore** 1985 Jan;14(1):87–90

Clinical and epidemiologic aspects of tardive dyskinesia. Baldessarini RJ. **J Clin Psychiatry** 1985 Apr;46(4 Pt 2):8–13

Spontaneous and tardive dyskinesias: clinical and laboratory studies. Casey DE. **J Clin Psychiatry** 1985 Apr;46(4 Pt 2):42–7

The prevalence of tardive dyskinesia in geropsychiatric outpatients. Chacko RC, et al. **J Clin Psychiatry** 1985 Feb; 46(2):55–7

Vulnerability to tardive dyskinesia. Wolf ME, et al. **J Clin Psychiatry** 1985 Sep;46(9):367–8

Prevalence of movement disorder in a methadone-maintained population. Gaspari J, et al. **J Nerv Ment Dis** 1985 Jun; 173(6):373–6

Prevalence of tardive dyskinesia in a clinic population. Fleischhauer J, et al. **Psychopharmacology [Suppl]** 1985; 2:162–72

[Prevalence of tardive dyskinesia in hospitalized chronic psychiatric patients] Varela Guzmán M, et al. **Actas Luso Esp Neurol Psiquiatr** 1984 Jul–Aug;12(4):259–66 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Iron pigment in the brain of a man with tardive dyskinesia. Campbell WG, et al. **Am J Psychiatry** 1985 Mar; 142(3):364–5

Chemical and structural changes in the brain in patients with movement disorder. Cross AJ, et al. **Psychopharmacology [Suppl]** 1985;2:104–10

PHYSIOPATHOLOGY

Tardive dyskinesia and EEG. Kaartinen P, et al. **Clin Electroencephalogr** 1984 Oct;15(4):226–31

Molindone and haloperidol in tardive dyskinesia. Glazer WM, et al. **J Clin Psychiatry** 1985 Aug;46(8 Pt 2):4–7

The pathophysiology of tardive dyskinesia. Klawans HL, et al. **J Clin Psychiatry** 1985 Apr;46(4 Pt 2):38–41

A study of state-dependent reversal of tardive dyskinesia: phenomenological probe in humans. Goswami U, et al. **J Clin Psychopharmacol** 1985 Feb;5(1):48–50

BAEP abnormalities in tardive dyskinesia. Zeitlhofer J, et al. **J Neurol** 1984;231(5):266–8

Acute organophosphate poisoning presenting with choreo-athetosis. Joubert J, et al. **J Toxicol Clin Toxicol** 1984;22(2):187–91

Metoclopramide-induced phantom dyskinesia. Jankovic J, et al. **Neurology** 1985 Mar;35(3):432–5

Evidence for underactivity of the opioid system in neuroleptic-induced akathisia [letter] Gillman MA, et al. **Psychiatry Res** 1984 Oct;13(2):187

Similar effect of estradiol and haloperidol on experimental tardive dyskinesia in monkeys. Bédard PJ, et al. **Psychoneuroendocrinology** 1984;9(4):375–9

Neuroendocrine effects of apomorphine in chronic schizophrenic patients under long-term neuroleptic therapy and after drug withdrawal: relations to psychopathology and tardive dyskinesia. Müller-Spahn F, et al. **Psychopharmacology (Berlin)** 1984;84(3):436–40

Pathophysiology of L-dopa-induced abnormal involuntary movements. Agid Y, et al. **Psychopharmacology [Suppl]** 1985;2:145–59

Pathophysiological mechanisms underlying tardive dyskinesia. Gerlach J. **Psychopharmacology [Suppl]** 1985; 2:98–103

Pathophysiology of tardive dyskinesia. Gunne LM, et al. **Psychopharmacology [Suppl]** 1985;2:191–3

New aspects on the role of dopamine, acetylcholine, and GABA in the development of tardive dyskinesia. Scheel-Krüger J, et al. **Psychopharmacology [Suppl]** 1985; 2:46–57

GABA dysfunction in the pathophysiology of tardive dyskinesia. Tamminga CA, et al. **Psychopharmacology [Suppl]** 1985;2:122–7

PREVENTION & CONTROL

Prevention and management of tardive dyskinesia. Jeste DV, et al. **J Clin Psychiatry** 1985 Apr;46(4 Pt 2):14–8

[Prevention of tardive dyskinesias (letter)] Herrero Velasco L, et al. **Med Clin (Barc)** 1985 Feb 23;84(7):293–4 **(Spa)**

PSYCHOLOGY

Psychological components of psychopharmacological side effects. A clinical contribution. Modestin J. **Bull Menninger Clin** 1985 Jan;49(1):29–36

Tardive dyskinesia and psychopathology in chronic schizophrenia: a cross-sectional study. Karson CN, et al. **Compr Psychiatry** 1985 Jul–Aug;26(4):388–91

Cognitive performance of medicated schizophrenics with tardive dyskinesia. Collerton D, et al. **Psychol Med** 1985 May;15(2):311–5

RADIOGRAPHY

Phenytoin-induced orofacial dyskinesia. A case report. Yoshida M, et al. **J Neurol** 1985;231(6):340–2

[Computer tomographic studies of patients with neuroleptic-induced disorders of extrapyramidal motor activity] Stuckstedte H, et al. **Nervenarzt** 1984 Sep; 55(9):483–7 **(Ger)**

THERAPY

Effect of anticholinergics on tardive dyskinesia. A controlled discontinuation study. Greil W, et al. **Br J Psychiatry** 1984 Sep;145:304–10

A therapeutic approach to tardive dyskinesia. Fahn S. **J Clin Psychiatry** 1985 Apr;46(4 Pt 2):19–24

Followup studies of tardive dyskinesia cases. Huang CC. **Wis Med J** 1984 Dec;83(12):27–9

DYSKINESIA, TARDIVE see **DYSKINESIA, DRUG-INDUCED**

DYSLEXIA

CLASSIFICATION

Classification of reading disability in a case of congenital brain damage. Dorman C. **Neuropsychologia** 1985; 23(3):393–402

DIAGNOSIS

School failure caused by dyslexia among adolescents visiting an adolescent unit. Byring R, et al. **Acta Paedopsychiatr (Basel)** 1984 Nov;50(5):229–41

New approaches to the developmental dyslexias. Temple CM. **Adv Neurol** 1984;42:223–32

Medical contribution to the management of dyslexia [letter] Porter FN, et al. **Arch Dis Child** 1984 Nov;59(11):1108–9

Ocular dominance, reading, and spelling ability in schoolchildren. Newman SP, et al. **Br J Ophthalmol** 1985 Mar;69(3):228–32

Alexia for ideograms: implications for kanji alexia. Varney NR. **Cortex** 1984 Dec;20(4):535–42

A longitudinal study of a hyperlexic child: hyperlexia as a language disorder. Siegel LS. **Neuropsychologia** 1984; 22(5):577–85

Impaired motor timing control in specific reading retardation. Wolff PH, et al. **Neuropsychologia** 1984;22(5):587–600

A detailed study of sequential saccadic eye movements for normal- and poor-reading children. Black JL, et al. **Percept Mot Skills** 1984 Oct;59(2):423–34

Multiple definitions of reading disability: implications for preschool screening. Colligan RC, et al. **Percept Mot Skills** 1984 Oct;59(2):467–75

Multifactorial assessment of reading disability: identifying the best predictors. Kerns K, et al. **Percept Mot Skills** 1985 Jun;60(3):747–53

[Child and adolescent psychiatry] **Seishin Shinkeigaku Zasshi** 1984;86(8):668–87 **(Jpn)**

DRUG THERAPY

Effect of piracetam on verbal memory of dyslexic boys. Rudel RG, et al. **J Am Acad Child Psychiatry** 1984 Nov; 23(6):695–9

Effect of piracetam on the single word and prose reading of dyslexic children. Helfgott E, et al. **Psychopharmacol Bull** 1984 Fall;20(4):688–90

ETIOLOGY

Faces: impaired craniofacial growth and dyslexia. Malkin DP. **Int J Orthod** 1985 Spring;23(1–2):20–6 (77 ref.)

Auditory and vestibular findings in dyslexic children. Sumerson JM. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter;37(2):196–200

FAMILIAL & GENETIC

Prediction of reading disability in twin boys. Johnston C, et al. **Dev Med Child Neurol** 1984 Oct;26(5):588–95

IMMUNOLOGY

Anti-Ro antibody in mothers of dyslexic children [letter] Behan WM, et al. **Dev Med Child Neurol** 1985 Aug; 27(4):538–40

OCCURRENCE

Reading disabilities in Japan: evidence against the myth of rarity. Hirose T, et al. **Int J Neurosci** 1985 May;26(3-4):249-52

PATHOLOGY

Developmental dyslexia: four consecutive patients with cortical anomalies. Galaburda AM, et al. **Ann Neurol** 1985 Aug;18(2):222-33

PHYSIOPATHOLOGY

A physiologic theory of visual dyslexia. Stein JF, et al. **Adv Neurol** 1984;42:233-46

Motor proficiency in dyslexic children with and without attentional disorders. Denckla MB, et al. **Arch Neurol** 1985 Mar;42(3):228-31

Purdue pegboard performance of disabled and normal readers: unimanual versus bimanual differences. Leslie SC, et al. **Brain Lang** 1985 Mar;24(2):359-69

EEG spectra in 9-13-year-old boys are stable over 1-3 years. Fein G, et al. **Electroencephalogr Clin Neurophysiol** 1984 Dec;58(6):517-8

Evidence for deficit in interhemispheric transfer of information in dyslexic boys. Gross-Glenn K, et al. **Int J Neurosci** 1984 Aug;24(1):23-35

Erratic eye movements and dyslexia: factors determining their relationship. Pavlidis GT. **Percept Mot Skills** 1985 Feb;60(1):319-22

Piracetam and event-related potentials in dyslexic children. Conners CK, et al. **Psychopharmacol Bull** 1984 Fall;20(4):667-73

[Voluntary and reflex eye movements in dyslexic children] Gabersek V, et al. **Neuropsychiatr Enfance Adolesc** 1984 Jul-Aug;32(7-8):353-66 (Eng. Abstr.) **(Fre)**

PREVENTION & CONTROL

Prophylaxis of dyslexia in town children to prevent learning failure. Fradis A, et al. **Neurol Psychiatr (Bucur)** 1984 Jul-Sep;22(3):203-13

PSYCHOLOGY

Timing analysis of coding and articulation processes in dyslexia. Anderson SW, et al. **Ann NY Acad Sci** 1984;433:71-86

The reading of content and noncontent words by dyslexics. Blank M, et al. **Ann NY Acad Sci** 1984;433:59-69

Phonological confusability in short-term memory for sentences as a predictor of reading ability. Jorm AF, et al. **Br J Psychol** 1984 Aug;75 (Pt 3):393-400

Continuity between childhood dyslexia and adult reading. Scarborough HS. **Br J Psychol** 1984 Aug;75 (Pt 3):329-48

Spatial-frequency-dependent visible persistence and specific reading disability. Slaghuis WL, et al. **Brain Cogn** 1985 Apr;4(2):219-40

Deep dyslexia, imageability, and ease of predication. Jones GV. **Brain Lang** 1985 Jan;24(1):1-19

Repetition and comprehension of spoken sentences by reading-disabled children. Shankweiler D, et al. **Brain Lang** 1984 Nov;23(2):241-57

Children's memory for phonemically confusable and nonconfusable letters: changes with age and reading ability. Bisanz GL, et al. **Child Dev** 1984 Oct;55(5):1845-54

Developmental differences in the comprehension and production of narratives by reading-disabled and normally achieving children. Feagans L, et al. **Child Dev** 1984 Oct;55(5):1727-36

Mental rotation and visual laterality in normal and reading disabled children. Corballis MC, et al. **Cortex** 1985 Jun;21(2):225-36

Neurological and neuropsychological deficiencies in a group of older adolescents with dyslexia. Byring R, et al. **Dev Med Child Neurol** 1984 Dec;26(6):765-73

Inter- and intrahemispheric processing of visual and auditory stimuli by dyslexic children and normal readers. Broman M, et al. **Int J Neurosci** 1985 Apr;26(1-2):27-38

Ten-year follow-up of adolescent dyslexics. Michelsson K, et al. **J Adolesc Health Care** 1985 Jan;6(1):31-4

Some characteristics of 9-year-old boys with general reading backwardness or specific reading retardation. Silva PA, et al. **J Child Psychol Psychiatry** 1985 May;26(3):407-21

Inspection time and intelligence in dyslexic children. Whyte J, et al. **J Child Psychol Psychiatry** 1985 May;26(3):423-8

Color association performances of dyslexic and normal children. Varney NR, et al. **J Clin Exp Neuropsychol** 1985 Jun;7(3):314-6

Word recognition under spatial transformation in retarded and normal readers. Richardson G. **J Exp Child Psychol** 1984 Oct;38(2):220-40

Free recall of concrete and abstract words in poor and normal readers. Vellutino FR, et al. **J Exp Child Psychol** 1985 Apr;39(2):363-80

Temporal integration of tone glides by children with auditory-memory and reading problems. Tobey EA, et al. **J Speech Hear Res** 1984 Dec;27(4):527-33

Surface dyslexia in a child with epilepsy. Temple CM. **Neuropsychologia** 1984;22(5):569-76

Smooth pursuit eye movements in normal and dyslexic children. Black JL, et al. **Percept Mot Skills** 1984 Aug;59(1):91-100

Processing of short vowels, long vowels, and vowel digraphs by disabled and non-disabled readers. Calhoun ML, et al. **Percept Mot Skills** 1984 Dec;59(3):951-6

The myth of 'ecological dyslexia': a reply to Pontius (1984). Davidson G. **Percept Mot Skills** 1985 Feb;60(1):125-6

Implications of 'neolithic' face representation: an indicator of 'spatial' dyslexia or a case of 'scientific' dyslexia? Mayes JT. **Percept Mot Skills** 1984 Oct;59(2):634

Flicker masking of spatial-frequency-dependent visible persistence and specific reading disability. Slaghuis WL, et al. **Perception** 1984;13(5):527-34

Reading level design: conceptual and methodological issues in reading research. Backman JE, et al. **Psychol Bull** 1984 Nov;96(3):560-8

REHABILITATION

The impact of phonemic processing instruction on the reading achievement of reading-disabled children. Richardson E. **Ann NY Acad Sci** 1984;433:97-118

Measuring time needed for learning to predict learning outcomes. Gettinger M. **Except Child** 1984 Nov;51(3):244-8

[Effects of classes in 'creative movement and pantomime' and 'badminton' on total-body coordination in older dyslexic boys] Schneider FJ. **Rehabilitation (Stuttg)** 1984 Nov;23(4):148-54 (Eng. Abstr.) **(Ger)**

THERAPY

Monocular occlusion in dyslexic children [letter] Hall DM. **Lancet** 1985 Sep 28;2(8457):728

Treatment of dyslexia [letter] Mayne DG. **Lancet** 1985 Sep 7;2(8454):564

Effect of monocular occlusion on visuomotor perception and reading in dyslexic children. Stein J, et al. **Lancet** 1985 Jul 13;2(8446):69-73

The use of orthoptics in dyslexia. Haddad HM, et al. **Metab Ophthalmol** 1984-85;8(1):3-5

[New scientific and practical education for successful reading training under difficult circumstances] Masendorf F, et al. **Rehabilitation (Stuttg)** 1985 Feb;24(1):47-53 (Eng. Abstr.) **(Ger)**

DYSLEXIA, ACQUIRED

CLASSIFICATION

[The alexias] Fasanaro AM, et al. **Riv Neurol** 1985 May-Jun;55(3):197-205 (Eng. Abstr.) **(Ita)**

COMPLICATIONS

Pure alexia without hemianopia [letter] Uitti RJ, et al. **Arch Neurol** 1984 Nov;41(11):1130

Paralexic errors in Broca's and Wernicke's aphasia. Payne M, et al. **Neuropsychologia** 1985;23(4):571-4

DIAGNOSIS

Residual reading capability in a patient with alexia without agraphia. Grossi D, et al. **Brain Lang** 1984 Nov;23(2):337-48

Alexia in recent and late Broca's aphasia. Boccardi E, et al. **Neuropsychologia** 1984;22(6):745-54

ETIOLOGY

[Basilar migraine with alexia but not agraphia: arterial spasm on arteriography and the effect of naloxone] Laurent B, et al. **Rev Neurol (Paris)** 1984;140(11):663-5 (Eng. Abstr.) **(Fre)**

[Alexia without agraphia in an ambidexterous patient due to the right occipital lobe lesion] Yamaguchi S, et al. **Rinsho Shinkeigaku** 1984 Jul;24(7):711-5 (Eng. Abstr.) **(Jpn)**

[Electroencephalographic picture in children with reading and writing disabilities in the light of the Bender-Koppitz test and anamnestic data] Jarosz J, et al. **Folia Med Cracov** 1984;25(1-2):127-38 (Eng. Abstr.) **(Pol)**

[Clinical picture of left posterior cerebral artery occlusion. Alexia syndrome without agraphia] Jankowicz E, et al. **Neurol Neurochir Pol** 1984 May-Jun;18(3):209-13 (Eng. Abstr.) **(Pol)**

PATHOLOGY

Left hemisphere pathways in reading: inferences from pure alexia without hemianopia. Henderson VW, et al. **Neurology** 1985 Jul;35(7):962-8

PHYSIOPATHOLOGY

Lexical agraphia. Further support for the two-system hypothesis of linguistic agraphia. Roeltgen DP, et al. **Brain** 1984 Sep;107 (Pt 3):811-27

Palinoptic phenomena as an error mechanism in resolving alexia without agraphia. A case report. Lang C. **Eur Neurol** 1985;24(4):248-53

PSYCHOLOGY

Preserved stenography reading in a patient with pure alexia. A model for dissociated reading processes. Regard M, et al. **Arch Neurol** 1985 Apr;42(4):400-2

Surface dyslexia: a regression effect? Prior M, et al. **Brain Lang** 1985 May;25(1):52-71

Aphasic dyslexia of Braille in a congenitally blind man. Birchmeier AK. **Neuropsychologia** 1985;23(2):177-93

Unilateral right cerebral representation of reading in a familial left-hander. Winkelman MD, et al. **Neuropsychologia** 1984;22(5):621-6

Bilingual biscriptal deep dyslexia. Byng S, et al. **Q J Exp Psychol [A]** 1984 Aug;36(3):417-33

Morphological decomposition: evidence from crossed phonological dyslexia. Job R, et al. **Q J Exp Psychol [A]** 1984 Aug;36(3):435-58

The nature of phonological processing in oral reading: evidence from surface dyslexia. Kay J, et al. **Q J Exp Psychol [A]** 1985 Feb;37(1):39-81

[Visuoverbal disconnection (optical aphasia) for objects, pictures, colors and faces with abstractive alexia] Gil R, et al. **Neuropsychologia** 1985;23(3):333-49 (Eng. Abstr.) **(Fre)**

DYSLEXIA, CONGENITAL see **DYSLEXIA**

DYSLEXIA, DEVELOPMENTAL see **DYSLEXIA**

DYSMENORRHEA

[Pathogenesis and therapy of dysmenorrhea] Herbst S. **Gynakologe** 1984 Sep;17(3):153-5 **(Ger)**

BLOOD

Vasopressin and prostaglandins in premenstrual pain and primary dysmenorrhea. Strömberg P, et al. **Acta Obstet Gynecol Scand** 1984;63(6):533-8

Contribution to the pathogenesis of dysmenorrhea. Zahradnik HP, et al. **Arch Gynecol** 1984;236(2):99-108

DIAGNOSIS

The menstrual symptom questionnaire: the validity of the distinction between spasmodic and congestive dysmenorrhea. Nelson RO, et al. **Behav Res Ther** 1984;22(6):611-4

DRUG THERAPY

Piroxicam in the treatment of primary dysmenorrhea. Wilhelmsson L, et al. **Acta Obstet Gynecol Scand** 1985;64(4):317-21

Factors influencing adolescents' responses to regimens of naproxen for dysmenorrhea. DuRant RH, et al. **Am J Dis Child** 1985 May;139(5):489-93

Effect of ibuprofen, naproxen sodium and paracetamol on intrauterine pressure and menstrual pain in dysmenorrhoea. Milsom I, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1129-35

Naproxen sodium in dysmenorrhea secondary to endometriosis. Kauppila A, et al. **Obstet Gynecol** 1985 Mar;65(3):379-83

Diflunisal compared with naproxen in the treatment of dysmenorrhea. Kajanoja P, et al. **Prostaglandins Leukotrienes Med** 1984 Aug;15(2):153-8

Use of clonidine for dysmenorrhea in four patients. Kleber HD, et al. **Psychosomatics** 1985 Jun;26(6):539-40, 546

[Trial of a calcium antagonist in dysmenorrhea (letter)] Audebert AJ, et al. **Presse Med** 1985 Jan 26;14(3):163 **(Fre)**

[Piroxicam (Felden) in primary dysmenorrhea] Saltveit T. **Tidsskr Nor Laegeforen** 1984 Oct 10;104(28):1975-6 (Eng. Abstr.) **(Nor)**

[Treatment of essential dysmenorrhea with a coronary vasodilator] Vázquez Camacho L. **Ginecol Obstet Mex** 1983 Jul;51(315):187-90 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Conization of the cervix uteri. Complications in connection with plain catgut or silk suturing. Holmskov A, et al. **Acta Obstet Gynecol Scand** 1984;63(7):587-9

Dysmenorrhea and cold exposure. Mergler D, et al. **J Reprod Med** 1985 Feb;30(2):106-11

METABOLISM

Menstrual-PGF2 alpha, PGE2 and TXA2 in normal and dysmenorrheic women and their temporal relationship to dysmenorrhea. Powell AM, et al. **Prostaglandins** 1985 Feb;29(2):273-90

PATHOLOGY

Proliferation of myometrial nerves in a patient with severe dysmenorrhea. Lerner EJ, et al. **RI Med J** 1985 Jun;68(6):265-7

PHYSIOPATHOLOGY

Intra-uterine pressure in dysmenorrhea. Lumsden MA, et al. **Acta Obstet Gynecol Scand** 1985;64(2):183-6

Dysmenorrhea. Dawood MY. **J Reprod Med** 1985 Mar;30(3):154-67

[Preliminary observation of dysmenorrhoea due to blood stagnation using female pelvic rheography and its clinical application] Hong JT. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Oct;19(4):203-6 **(Chi)**

PSYCHOLOGY

Menstrual discomfort, psychological defenses, and feminine identification. Greenberg RP, et al. **J Pers Assess** 1984 Dec;48(6):643–8

Relationship of socialization and stress to perimenstrual symptoms, disability, and menstrual attitudes. Woods NF. **Nurs Res** 1985 May–Jun;34(3):145–9

THERAPY

A report of 49 cases of dysmenorrhea treated by acupuncture. Zhang YQ. **J Tradit Chin Med** 1984 Jun;4(2):101–2

Therapeutic pelvic examination [letter] Lombard C. **West J Med** 1985 May;142(5):698–9

[Use of acupuncture in the treatment of primary dysmenorrhea] Marić R. **Jugosl Ginekol Opstet** 1984 Sep–Dec;24(5–6):104–6 (Eng. Abstr.) **(Scr)**

DYSOSTOSES

FAMILIAL & GENETIC

De novo 21q interstitial deletion in a retarded boy with ulno-fibular dysostosis. Reynolds JF, et al. **Am J Med Genet** 1985 Jan;20(1):173–80

Pycnodysostosis in a Pakistani family: case presentation and review. Kerr AM, et al. **Scott Med J** 1985 Jan;30(1):35–9

PHYSIOPATHOLOGY

Phagocytosis of bone collagen by osteoclasts in two cases of pycnodysostosis. Everts V, et al. **Calcif Tissue Int** 1985 Jan;37(1):25–31

RADIOGRAPHY

Tarsal coalitions: rare or not. Rosen JS. **J Am Podiatry Assoc** 1984 Nov;74(11):572–4

Cheirolumbar dysostosis and constitutional narrowness of the cervical spinal canal. Wackenheim A. **Skeletal Radiol** 1985;14(1):47–52

SURGERY

[Craniofacial surgery in Gothenburg. Premature synostoses—new methods in early treatment] Johanson B, et al. **Lakartidningen** 1985 Apr 17;82(16):1481–6 **(Swe)**

VETERINARY

[Dysostoses and postural limb abnormalities in rapidly growing dogs] Paatsama S, et al. **Tierarztl Prax** 1985;Suppl 1:179–87 (Eng. Abstr.) **(Ger)**

DYSOSTOSIS, CLEIDOCRANIAL see **CLEIDOCRANIAL DYSPLASIA**

DYSOSTOSIS, CRANIOFACIAL see **CRANIOFACIAL DYSOSTOSIS**

DYSPAREUNIA

Dyspareunia and vaginismus. Steege JF. **Clin Obstet Gynecol** 1984 Sep;27(3):750–9

PSYCHOLOGY

[Vaginism, causal background and results of treatment] Shaked A, et al. **Harefuah** 1984 Oct;107(7–8):169–73 (Eng. Abstr.) **(Heb)**

SURGERY

[Surgical treatment of severe dyspareunia (personal technic)] Aupiais PY. **Rev Fr Gynecol Obstet** 1984 Jan;79(1):51–2, 55–8 (Eng. Abstr.) **(Fre)**

DYSPEPSIA

Symposium on dyspepsia. Organic and functional disorders. Proceedings from an international symposium. Hyvinkää, Finland, March 21–22, 1984. **Scand J Gastroenterol [Suppl]** 1985;109:1–171

Dyspepsia. Definition and discussion of nomenclature. Gustavsson S, et al. **Scand J Gastroenterol [Suppl]** 1985;109:11–3

[Highlights of the dyspeptic syndrome in 1985] Coutrot S. **Ann Gastroenterol Hepatol (Paris)** 1985 May 28;21(2 Pt 2):9–11 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

Can preliminary screening of dyspeptic patients allow more effective use of investigational techniques? [letter] **Br Med J [Clin Res]** 1985 Feb 16;290(6467):553–5

Can preliminary screening of dyspeptic patients allow more effective use of investigational techniques? Davenport PM, et al. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):217–20

Endoscopic study of X-rays negative dyspepsia. Meensook C. **J Med Assoc Thai** 1984 Jun;67(6):341–3

Methodological aspects of clinical trials in non-ulcer dyspepsia with special reference to selectional factors. Nyrén O, et al. **Scand J Gastroenterol [Suppl]** 1985;109:159–62

['Indigestion' and 'dyspepsia' (editorial)] Levy N, et al. **Harefuah** 1985 Jan 1;108(1):48–9 **(Heb)**

[Endoscopic verification of dyspeptic disorders] Szadkowski M, et al. **Pol Tyg Lek** 1984 Jun 4;39(23):765–71 (Eng. Abstr.) **(Pol)**

DRUG THERAPY

Controlled clinical trial of treatment with cimetidine for non-ulcer dyspepsia. Kelbaek H, et al. **Acta Med Scand** 1985;217(3):281–7

A double-blind comparison of clebopride and placebo in dyspepsia secondary to delayed gastric emptying. Bavestrello L, et al. **Clin Ther** 1985;7(4):468–73

The effect of cimetidine in non-ulcer dyspepsia. Experience with a multi-cross-over model. Kleveland PM, et al. **Scand J Gastroenterol** 1985 Jan;20(1):19–24

Effect of cimetidine in patients with non-ulcer dyspepsia and erosive prepyloric changes. Nesland AA, et al. **Scand J Gastroenterol** 1985 Jun;20(5):629–35

Controlled trials in gastrodyspepsia: a methodological aspect. Petersen H, et al. **Scand J Gastroenterol [Suppl]** 1985;109:153–8

[Primperan and the dyspeptic syndrome] Vincentelli JM. **Ann Gastroenterol Hepatol (Paris)** 1985 May 28;21(2 Pt 2):27–8 (Eng. Abstr.) **(Fre)**

[Double-blind cross-over study of imecromone and placebo in the treatment of dyspeptic syndrome] Coccia G, et al. **Minerva Dietol Gastroenterol** 1985 Apr–Jun;31(2):293–8 (Eng. Abstr.) **(Ita)**

ECONOMICS

Social and economic effects of non-ulcer dyspepsia. Nyrén O, et al. **Scand J Gastroenterol [Suppl]** 1985;109:41–7

ETIOLOGY

Endoscopy in the evaluation of dyspepsia. Health and Public Policy Committee, American College of Physicians. **Ann Intern Med** 1985 Feb;102(2):266–9 (56 ref.)

Can preliminary screening of dyspeptic patients allow more effective use of investigational techniques? [letter] de Dombal FT, et al. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):936

Relation between dentition and dyspeptic disorders. Sircus W, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):115

The detection of premalignant histology in patients with dyspepsia. Allum WH, et al. **Eur J Surg Oncol** 1985 Mar;11(1):25–6

Nervous dyspepsia [letter] Graham JR. **Med J Aust** 1985 Jun 24;142(13):704

The pathogenesis of non-ulcer dyspepsia [letter] Talley NJ. **Med J Aust** 1985 Aug 19;143(4):173–4

Chronic dyspepsia pain in general practice--its causes and diagnosis. Lance P, et al. **Postgrad Med J** 1985 May;61(715):411–3

Endoscopic findings in patients with ulcer-like dyspepsia. Edenholm M, et al. **Scand J Gastroenterol [Suppl]** 1985;109:163–7

Esophageal disorders in the etiology and pathophysiology of dyspepsia. Wienbeck M, et al. **Scand J Gastroenterol [Suppl]** 1985;109:133–43

[Incidence of chronic gastritis in foreign patients with chronic dyspepsia] Wolff G, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(4):145–8 (Eng. Abstr.) **(Ger)**

FAMILIAL & GENETIC

ABO blood groups, onset age of ulcer symptoms, family history of dyspepsia and complications in duodenal ulcer. Gutiérrez Cabano CA. **Acta Gastroenterol Latinoam** 1983;13(2):171–8

METABOLISM

Studies of basal and stimulated gastric acid output in Jordanian male and female patients and controls. Toukan AU, et al. **Trop Geogr Med** 1985 Mar;37(1):56–61

OCCURRENCE

Introduction to the epidemiology of dyspepsia. Tibblin G. **Scand J Gastroenterol [Suppl]** 1985;109:29–33

PATHOLOGY

Gastroduodenal inflammation in patients with non-ulcer dyspepsia. A controlled endoscopic and morphometric study. Toukan AU, et al. **Dig Dis Sci** 1985 Apr;30(4):313–20

Erosive prepyloric changes in persons with and without dyspepsia. Nesland A, et al. **Scand J Gastroenterol** 1985 Mar;20(2):222–8

PHYSIOPATHOLOGY

Measurement of gastric emptying time by real-time ultrasonography. Bolondi L, et al. **Gastroenterology** 1985 Oct;89(4):752–9

Manometric evaluation of functional upper gut symptoms. Malagelada JR, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1223–31

Measurement of gastric emptying in dyspeptic patients: effect of a new gastrokinetic agent (cisapride). Jian R, et al. **Gut** 1985 Apr;26(4):352–8

Non-ulcer upper dyspepsia. Aspects of pain. Jørgensen LS, et al. **Scand J Gastroenterol** 1985 Jan;20(1):46–50

Registration of pain in a psychological perspective. Bates S, et al. **Scand J Gastroenterol [Suppl]** 1985;109:15–8

[Bile-dependent gastrointestinal dyspepsia] Doldi SB, et al. **Minerva Med** 1984 Sep 8;75(34):1911–9 (Eng. Abstr.) **(Ita)**

PSYCHOLOGY

Psychological distress in non-ulcerous dyspepsia [letter] Magni G, et al. **Gastroenterol Clin Biol** 1985 Jan;9(1):86

Non-organic dyspepsia: a controlled clinico-psychiatric study. Mishra DN, et al. **J Assoc Physicians India** 1984 May;32(5):399–402

RADIOGRAPHY

[Consequences of ventricular radiographic examination in patients under the age of 40] Becker PU, et al. **Ugeskr Laeger** 1984 Jul 2;146(27):2015–7 (Eng. Abstr.) **(Dan)**

[The histological picture of the gastric and duodenal mucosa in X-ray negative dyspepsia. Before and after treatment with cimetidine] Guldhammer B, et al. **Ugeskr Laeger** 1984 Dec 17;146(51):4013–5 (Eng. Abstr.) **(Dan)**

THERAPY

[Considerations on the therapeutic efficacy of a standard alkaline bicarbonated mineral water in cases of dyspepsia] Gasbarrini G, et al. **Minerva Dietol Gastroenterol** 1985 Jan–Mar;31(1):55–62 (Eng. Abstr.) **(Ita)**

[Analysis of the treatment of dyspepsia in 0–3-year-old children in 5 years' clinical data (1978–1982)] Horanský V, et al. **Cesk Pediatr** 1985 Mar;40(3):173–4 **(Slo)**

URINE

[Urinary excretion of catecholamines in children with functional disorders of the digestive system] Szewczyk L, et al. **Pediatr Pol** 1984 Oct;59(10):835–9 (Eng. Abstr.) **(Pol)**

DYSPHAGIA see **DEGLUTITION DISORDERS**

DYSPHASIA see **APHASIA**

DYSPHONIA see **VOICE DISORDERS**

DYSPLASIA EPIPHYSIALIS PUNCTATA see **CHONDRODYSPLASIA PUNCTATA**

DYSPNEA

Assessment and management of breathlessness. Altose MD. **Chest** 1985 Aug;88(2 Suppl):77S–83S (43 ref.)

Dyspnea in the elderly: old age or disease? Lillington GA. **Geriatrics** 1984 Nov;39(11):47–52

CHEMICALLY INDUCED

[Upper abdominal pain and rapidly progressing dyspnea after an overdose of an antihypotensive agent (letter)] von Scheidt W, et al. **Dtsch Med Wochenschr** 1985 May 24;110(21):857–8 **(Ger)**

DIAGNOSIS

Dyspnea in the elderly: cardiac or pulmonary? Siefkin AD. **Geriatrics** 1985 May;40(5):63–5, 68–70, 73

[The dyspneic child] van Zanten ME. **Ned Tijdschr Geneeskd** 1984 Oct 13;128(41):1953 **(Dut)**

[Thoracic pain, dyspnea] Baumgart P, et al. **Schweiz Rundsch Med Prax** 1985 Jun 18;74(25):684–7 (Eng. Abstr.) **(Ger)**

[Quantitative evaluation of dyspnea] Yoshino K. **Kokyu To Junkan** 1984 Aug;32(8):783–7 (12 ref.) **(Jpn)**

[Disorders of respiratory function in chronic pulmonary embolism] Radzikowska E, et al. **Pneumonol Pol** 1985 Mar;53(3):143–50 (Eng. Abstr.) **(Pol)**

DRUG THERAPY

Sustained-release theophylline reduces dyspnea in nonreversible obstructive airway disease [letter] Gilbert R. **Am Rev Respir Dis** 1985 Jul;132(1):195

Sustained-release theophylline reduces dyspnea in nonreversible obstructive airway disease. Mahler DA, et al. **Am Rev Respir Dis** 1985 Jan;131(1):22–5

Effect of oral slow-release terbutaline on early morning dyspnoea. Koëter GH, et al. **Eur J Clin Pharmacol** 1985;28(2):159–62

ETIOLOGY

Dyspnea in advanced cancer. Maxwell MB. **Am J Nurs** 1985 Jun;85(6):672–7

Abdominal aortic aneurysm with aortocaval fistula: an unusual cause of dyspnea and edema [clinical conference] Gatrell C, et al. **Ann Emerg Med** 1985 Sep;14(9):889–96

Diaphragmatic paralysis following chiropractic manipulation of the cervical spine. Heffner JE. **Arch Intern Med** 1985 Mar;145(3):562–4

Severe dyspnea and dysphagia resulting from an aberrant cervical thymus. Bistritzer T, et al. **Eur J Pediatr** 1985 May;144(1):86–7

[Anomalous origin of the left branch of the pulmonary artery as a cause of dyspnea in infants] Hruda J, et al. **Cesk Pediatr** 1984 Aug;39(8):472–4 (Eng. Abstr.) **(Cze)**

[Acute recurrent laryngeal dyspnea in children] Andrieu-Guitrancourt J, et al. **Ann Pediatr (Paris)** 1984 Dec;31(11):909–17 (Eng. Abstr.) **(Fre)**

[Dyspnea in chronic bronchitis patients. A method for diagnosis and monitoring therapeutic efficacy] Tellier P.

Presse Med 1984 Oct 4;13(34):2049–53 (Eng. Abstr.) **(Fre)**

[Special infections of the respiratory tract in children] Schaad UB. **Schweiz Med Wochenschr** 1985 Jan 19;115(3):86–9 (Eng. Abstr.) **(Ger)**

[Dyspnea] Burger R. **Schweiz Rundsch Med Prax** 1984 Aug 28;73(35):1058–60 (Eng. Abstr.) **(Ger)**

[Ventriculo-cardiac shunt in an adult with a fatal complication: diagnostic and therapeutic aspects. Case report] Nesser HJ, et al. **Wien Med Wochenschr** 1985 Jun 15;135(11):269–72 (Eng. Abstr.) **(Ger)**

[Giant teratoma of the anterior mediastinum with an intrathoracic stress syndrome in a child] Murzin IuV, et al. **Vestn Khir** 1985 Feb;134(2):99–101 **(Rus)**

PHYSIOPATHOLOGY

Do prostaglandins have a role in breathlessness? O'Neill PA, et al. **Am Rev Respir Dis** 1985 Jul;132(1):22–4

Inspiratory muscle dysfunction and unexplained dyspnea in systemic lupus erythematosus. Jacobelli S, et al. **Arthritis Rheum** 1985 Jul;28(7):781–8

The objective measurement of breathlessness. Killian KJ. **Chest** 1985 Aug;88(2 Suppl):84S–90S

The effect of airway anaesthesia on the control of breathing and the sensation of breathlessness in man. Winning AJ, et al. **Clin Sci** 1985 Feb;68(2):215–25

Respiratory sensations and dyspnea. Altose M, et al. **J Appl Physiol** 1985 Apr;58(4):1051–4

Effect of breathing pattern on dead space ventilation VD/VT during exercise. Mohsenifar Z, et al. **Respiration** 1985; 47(3):232–6

[A model demonstrating the mechanism of impairment of inspiration and expiration (dyspnea)] Kurygin GV, et al. **Patol Fiziol Eksp Ter** 1984 Nov-Dec;(6):78–9 **(Rus)**

PREVENTION & CONTROL

[Effect of verapamil on spirometric parameters during an attack of dyspnea in patients with bronchial asthma] Krasnowska M, et al. **Pneumonol Pol** 1985 Mar; 53(3):128–32 (Eng. Abstr.) **(Pol)**

RADIOGRAPHY

Dyspnea, fever and miliary pattern. Curull V, et al. **Chest** 1985 Aug;88(2):285–6

THERAPY

Dyspnea in advanced cancer. Putting the patient in control. Cunningham CA. **Am J Nurs** 1985 Jun;85(6):676–7

Relieving dyspnea with an inexpensive and simple method in patients with severe chronic airflow limitation. Falk P, et al. **Eur J Respir Dis** 1985 Mar;66(3):181–6

Respiratory rhythmically regulated electrical stimulation of paralyzed laryngeal muscles. Bergmann K, et al. **Laryngoscope** 1984 Oct;94(10):1376–80

VETERINARY

Tracheal collapse in two cats. Hendricks JC, et al. **J Am Vet Med Assoc** 1985 Aug 15;187(4):418–9

Colic and dyspnea in a dog. Farrow CS. **Mod Vet Pract** 1984 Oct;65(10):795–8

DYSPNEA, PAROXYSMAL

DIAGNOSIS

Dyspnea in the elderly: cardiac or pulmonary? Siefkin AD. **Geriatrics** 1985 May;40(5):63–5, 68–70, 73

DYSPROSIUM

The effect of external regeneration on the performance of CaSO4:Dy discs. Katona E, et al. **Int J Appl Radiat Isot** 1985 Feb;36(2):145–7

THERAPEUTIC USE

From the NIH. Radionuclide therapy for arthritic knees [news] Doepel LK. **JAMA** 1985 Feb 8;253(6):744–5

DYSSOCIAL BEHAVIOR see **ANTISOCIAL PERSONALITY DISORDER**

DYSTHYMIC DISORDER see **DEPRESSIVE DISORDER**

DYSTOCIA

ETIOLOGY

The role of ultrasound in the aggressive management of obstructed labor secondary to fetal malformations. Clark SL, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1042–4

[Delivery in the malformed uterus. Apropos of 23 cases] Rachedi R, et al. **Tunis Med** 1985 Mar;63(3):207–11 (Eng. Abstr.) **(Fre)**

[Shoulder dystocia: statistical study and review of the literature] Jacques Desrosiers JA, et al. **Union Med Can** 1985 May;114(5):400–5, 408–9 (22 ref.) (Eng. Abstr.) **(Fre)**

[Shoulder dystocia as an obstetrical complication] Quiel V, et al. **Zentralbl Gynakol** 1985;107(2):98–101 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

[High annular constriction dystocia of the uterus during labor] Tokin R, et al. **Akush Ginekol (Sofiia)** 1985; 24(3):18–22 **(Bul)**

PREVENTION & CONTROL

Antenatal screening for fetopelvic dystocias. A cost-effectiveness approach to the choice of simple indicators for use by auxiliary personnel. The Kasongo Project Team. **J Trop Med Hyg** 1984 Aug;87(4):173–83

SURGERY

[The current place of symphysiotomy] De Muylder X. **Ann Soc Belg Med Trop** 1985;65(1):3–15 **(Fre)**

THERAPY

The Zavanelli maneuver: a potentially revolutionary method for the resolution of shoulder dystocia. Sandberg EC. **Am J Obstet Gynecol** 1985 Jun 15;152(4):479–84

[Peridural analgesia with 0.375 percent bupivacaine in labor with dystocia] Claquin C, et al. **Cah Anesthesiol** 1984 Nov; 32(7):547–50 (Eng. Abstr.) **(Fre)**

VETERINARY

Aetiology and pathogenesis of congenital torticollis and head scoliosis in the equine foetus. Vandeplassche M, et al. **Equine Vet J** 1984 Sep;16(5):419–24

Dystocia and fatal hyperthermic episode in a giraffe. Citino SB, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1440–2

Discriminant analysis for predicting dystocia in beef cattle. I. Comparison with regression analysis. Morrison DG, et al. **J Anim Sci** 1985 Mar;60(3):608–16

Discriminant analysis for predicting dystocia in beef cattle. II. Derivation and validation of a prebreeding prediction model. Morrison DG, et al. **J Anim Sci** 1985 Mar; 60(3):617–21

DYSTONIA

CEREBROSPINAL FLUID

CSF monamine metabolites in movement disorders and normal aging. Stahl SM, et al. **Arch Neurol** 1985 Feb; 42(2):166–9

[5 cases of dystonia with marked diurnal fluctuation and special reference to homovanillic acid in CSF] Kumamoto I, et al. **Rinsho Shinkeigaku** 1984 Jul;24(7):697–702 (Eng. Abstr.) **(Jpn)**

CHEMICALLY INDUCED

Tardive dystonia and severe tardive dyskinesia. A comparison of risk factors and prognosis. Giménez-Roldán S, et al. **Acta Psychiatr Scand** 1985 May;71(5):488–94

Domperidone—an acute dystonic reaction [letter] Madej TH. **Anaesthesia** 1985 Feb;40(2):202

Verapamil and myoclonic dystonia [letter] Hicks CB, et al. **Ann Intern Med** 1985 Jul;103(1):154

Tetrabenazine induces acute dystonic reactions. Burke RE, et al. **Ann Neurol** 1985 Feb;17(2):200–2

The Pisa syndrome: a report of two cases. Yassa R. **Br J Psychiatry** 1985 Jan;146:93–5

Focal dystonic reaction to phenytoin [letter] Choonara IA, et al. **Dev Med Child Neurol** 1984 Oct;26(5):677–8

Recurrent dystonic reactions induced by thiethylperazine. Khanderia U. **Drug Intell Clin Pharm** 1985 Jul–Aug; 19(7–8):550–1

[Acute dystonic reactions after administration of neuroleptics and other drugs] Prusiński A, et al. **Wiad Lek** 1985 Mar 1;38(5):347–51 (Eng. Abstr.) **(Pol)**

DIAGNOSIS

Progressive supranuclear palsy—20 years later. Kristensen MO. **Acta Neurol Scand** 1985 Mar;71(3):177–89

Progressive dystonia with marked diurnal fluctuation. Report of a case. Bertelsmann FW, et al. **Clin Neurol Neurosurg** 1985;87(2):123–6

A patient with myasthenia gravis and progressive dystonia with marked diurnal fluctuation. Chan-Lui WY, et al. **Dev Med Child Neurol** 1984 Oct;26(5):665–8

Hypnogenic paroxysmal dystonia. Crowell JA, et al. **J Am Acad Child Psychiatry** 1985 May;24(3):353–8

The varied clinical expressions of dystonia. Fahn S. **Neurol Clin** 1984 Aug;2(3):541–54 (47 ref.)

Adult-onset focal dystonia [letter] Sandyk R. **Neurology** 1985 Jan;35(1):137

[Hypnogenic paroxysmal dystonia: epilepsy or a new syndrome?] Berger HJ, et al. **Ned Tijdschr Geneeskd** 1984 Sep 8;128(36):1697–8 **(Dut)**

DRUG THERAPY

Pharmacokinetics of trihexyphenidyl after short-term and long-term administration to dystonic patients. Burke RE, et al. **Ann Neurol** 1985 Jul;18(1):35–40

High-dose bromocriptine in a case of tardive dystonia. Luchins DJ, et al. **Biol Psychiatry** 1985 Feb;20(2):179–81

Dopamine agonists in the treatment of dystonia. Lang AE. **Clin Neuropharmacol** 1985;8(1):38–57 (116 ref.)

Meige's syndrome: acute and chronic responses to clonazepan and anticholinergics. Hipola D, et al. **Eur Neurol** 1984; 23(6):474–8

Tardive dystonia: treatment with trihexyphenidyl. Wolf ME, et al. **J Clin Psychopharmacol** 1985 Aug;5(4):247–8

Hemidystonia relieved by nicotine [letter] Lees AJ. **Lancet** 1984 Oct 13;2(8407):871

Effect of alcohol on dystonia. Biary N, et al. **Neurology** 1985 Feb;35(2):239–43

Lisuride treatment of focal dystonias. Nutt JG, et al. **Neurology** 1985 Aug;35(8):1242–3

Lisuride in dystonia. Quinn NP, et al. **Neurology** 1985 May; 35(5):766–9

Treatment of non-fluctuating progressive dystonia: a neuropharmacological approach. Willemse J, et al. **Neuropediatrics** 1984 Oct;15(4):208–10

Medical treatment of dystonia. Pakkenberg H, et al. **Psychopharmacology [Suppl]** 1985;2:111–7

[Treatment of dystonia with high-dosage trihexyphenidyl] Hashimoto T, et al. **Rinsho Shinkeigaku** 1984 Aug; 24(8):769–77 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

The anatomical basis of symptomatic hemidystonia. Marsden CD, et al. **Brain** 1985 Jun;108 (Pt 2):463–83

Delayed onset dystonia following hemiplegic migraine. Obeso JA, et al. **Headache** 1984 Sep;24(5):266–8

Hemidystonia: a report of 22 patients and a review of the literature. Pettigrew LC, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):650-7

The relationship of peripheral trauma and pain to dystonia. Schott GD. **J Neurol Neurosurg Psychiatry** 1985 Jul; 48(7):698–701

FAMILIAL & GENETIC

Familial paroxysmal hypnogenic dystonia. Lee BI, et al. **Neurology** 1985 Sep;35(9):1357–60

PHYSIOPATHOLOGY

Decreased catalepsy response to haloperidol in the genetically dystonic (dt) rat. McKeon TW, et al. **Brain Res** 1984 Aug 6;308(1):89–96

Progressive dystonia with marked diurnal variation. Aggarwal R, et al. **Indian J Pediatr** 1984 Nov-Dec; 51(413):747–9

Transient foot dystonia in an adult woman [letter] Arvidson B. **Neurology** 1985 Apr;35(4):615–6

Hemodynamic reactions to circulatory stress tests in patients with neurocirculatory dystonia. Mäntysaari M. **Scand J Clin Lab Invest [Suppl]** 1984;170:1–112

RADIOGRAPHY

Dystonia and calcification of the basal ganglia. Larsen TA, et al. **Neurology** 1985 Apr;35(4):533–7

THERAPY

Treatment of myoclonic dystonia with transcutaneous electrical nerve stimulation. Toglia JU, et al. **Ital J Neurol Sci** 1985 Mar;6(1):75–8

The management of dystonias [editorial] **Lancet** 1985 Feb 9;1(8424):321–2

Practical management of dystonia. Fahn S, et al. **Neurol Clin** 1984 Aug;2(3):555–69 (56 ref.)

DYSTONIA MUSCULORUM DEFORMANS

BLOOD

5-Hydroxytryptamine in platelets of torsion dystonia patients. Korczyn AD, et al. **Acta Neurol Scand** 1985 Feb; 71(2):171–3

DIAGNOSIS

Munchausen's syndrome simulating torsion dystonia. Batshaw ML, et al. **N Engl J Med** 1985 May 30; 312(22):1437–9

Validity and reliability of a rating scale for the primary torsion dystonias. Burke RE, et al. **Neurology** 1985 Jan; 35(1):73–7

DRUG THERAPY

The treatment of severe dystonia in children and adults. Marsden CD, et al. **J Neurol Neurosurg Psychiatry** 1984 Nov;47(11):1166–73

Serum trihexyphenidyl levels in the treatment of torsion dystonia. Burke RE, et al. **Neurology** 1985 Jul;35(7):1066-9

ENZYMOLOGY

Acetylcholinesterase activity in patients with torsion dystonia. Measurement in erythrocyte membranes. Maltese WA, et al. **Arch Neurol** 1985 Feb;42(2):154–5

FAMILIAL & GENETIC

Dystonia in 61-year-old identical twins: observations over 45 years. Eldridge R, et al. **Ann Neurol** 1984 Sep; 16(3):356–8

Genetic linkage analysis in primary torsion dystonia. Bressman SB, et al. **Neurology** 1984 Nov;34(11):1490-3

[Autosomal recessive heredity in a Mexican family with torsion dystonia] Lisker R, et al. **Rev Invest Clin** 1984 Jul-Sep;36(3):265-8 (Eng. Abstr.) **(Spa)**

THERAPY

[Dystonia musculorum deformans. Elements of a favorable development] Visier JP, et al. **Arch Fr Pediatr** 1984 Aug-Sep;41(7):493-5 (Eng. Abstr.) **(Fre)**

DYSTROPHIA BREVICOLLIS CONGENITA see **KLIPPEL-FEIL SYNDROME**

DYSTROPHIA MYOTONICA see **MYOTONIA ATROPHICA**

E-B VIRUS see **EPSTEIN-BARR VIRUS**

EAR

The effect of estradiol on the sebaceous gland of the hamster ear and its antagonism by tamoxifen. Schäfer G, et al. **Arch Dermatol Res** 1985;277(3):230-4

The effect of different cooling temperatures and immersion fluids on post-burn oedema and survival of the partially scalded hairy mouse ear. Blomgren I, et al. **Burns Incl Therm Inj** 1985 Feb;11(3):161-5

Rabbit ear and comedogenicity [letter] **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):306-9

ABNORMALITIES

Surgical management of major congenital malformations of the ear. Chiossone E. **Am J Otol** 1985 May;6(3):237-42

One stage total auricle reconstruction. Report of 50 cases. Chen ZJ, et al. **Chin Med J [Engl]** 1985 Jan;98(1):13-8

Meatal atresia and hearing loss. Autosomal dominant and autosomal recessive inheritance. Cremers CW. **Int J Pediatr Otorhinolaryngol** 1985 Mar;8(3):211-3

Clinical aspects of the branchio-oto-renal syndrome. Smith PG, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):468-75

Monozygotic twin aborted fetuses discordant for holoprosencephaly/synotia. Machin GA, et al. **Teratology** 1985 Apr;31(2):203-15

[Craniofacial changes in unilateral aplasia of the ear (radiographic study)] Smahel Z. **Cesk Otolaryngol** 1985 Jun;34(3):176-87 (Eng. Abstr.) **(Cze)**

[Ear abnormalities; tympanoplasty] **Arch Otorhinolaryngol [Suppl]** 1984;2:46-54 **(Ger)**

[Asymmetrical otocraniofacial syndrome (hemifacial microsomy) in discordant monozygotic twins. Otologic aspects] Pérez Alvarez F, et al. **An Esp Pediatr** 1984 Nov 30;21(8):769-73 (Eng. Abstr.) **(Spa)**

ANALYSIS

Immunohistochemical localization of collagens in the ear. Iwanaga M, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:136-42

ANATOMY & HISTOLOGY

High-field surface-coil MR imaging of localized anatomy. Schenck JF, et al. **AJNR** 1985 Mar-Apr;6(2):181-6

[Surgical anatomic study of the ears in the Laboratory of Anatomy and Surgical Medicine of the Coltea ORL Clinic] Neuman H, et al. **Rev Chir [Otorinolaringol]** 1984 Jul-Sep;29(3):231-40 **(Rum)**

BLOOD SUPPLY

Effect of one derivative of 2-aminotetralin on the alpha-adrenergic receptors of isolated vessels. Mutafova-Yambolieva V, et al. **Acta Physiol Pharmacol Bulg** 1985;11(1):18-25

Development of the vascular bed in the rabbit ear: scanning electron microscopy of vascular corrosion casts. Morris JL, et al. **Am J Anat** 1984 Sep;171(1):75-89

Arterialized venous perfusion of composite tissue. Nichter LS, et al. **Am J Surg** 1985 Aug;150(2):191-6

Accuracy of two ear oximeters at rest and during exercise in pulmonary patients. Ries AL, et al. **Am Rev Respir Dis** 1985 Sep;132(3):685-9

Reactivity of small vessels from mature to senescent female rabbits. Owen TL. **Blood Vessels** 1985;22(4):172-8

Effect of prazosin on the efflux of 3H-norepinephrine and metabolites from the intima and adventitia of the rabbit ear artery. Parker DA, et al. **Blood Vessels** 1985;22(2):74-83

Interaction between the inhibitory action of acetylcholine and the alpha-adrenoceptor autoinhibitory feedback system on release of [3H]-noradrenaline from rat atria and rabbit ear artery. Loiacono RE, et al. **Br J Pharmacol** 1985 Mar;84(3):697-705

Evaluation of a direct blood pressure measurement technique for canine toxicity studies. Kutz SA, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):391-8

Trophic effects of peripheral adrenergic nerves on vascular structure. Bevan RD. **Hypertension** 1984 Nov-Dec;6(6 Pt 2):III19-26 (53 ref.)

Antagonism of Ca2+-induced constriction of isolated rabbit ear artery by nitrendipine in high K+- and/or norepinephrine-containing medium. Scriabine A, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 7:S944-8

A digit replantation model. Haines P, et al. **Microsurgery** 1985;6(2):70-2

Structural and functional alterations caused at the extraneuronal level by sympathetic denervation of blood vessels. Branco D, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul;326(4):302-12

Endothelialization following end-to-end and end-in-end (sleeve) microarterial anastomoses. A scanning electron microscopic study. Wieslander JB, et al. **Scand J Plast Reconstr Surg** 1984;18(2):193-9

[The percutaneous action of a heparin-allantoin-dexpanthenol combination in a specific ointment base. Thrombolytic action on the rabbit ear] Tauschel HD, et al. **Arzneimittelforsch** 1984;34(12):1768-72 (Eng. Abstr.) **(Ger)**

DRUG EFFECTS

Dissociation of maximum concentration of kanamycin in plasma and perilymph from ototoxic effect. Davis RR, et al. **J Antimicrob Chemother** 1984 Sep;14(3):291-302

Vancomycin toxicity: a prospective study. Mellor JA, et al. **J Antimicrob Chemother** 1985 Jun;15(6):773-80

Sebaceous gland hyperplasia on rabbit pinna induced by tetradecane. Ito M, et al. **J Invest Dermatol** 1985 Sep;85(3):249-54

Ototoxicity of cis-diamminedichloroplatinum. Vodvářka P, et al. **Neoplasma** 1985;32(2):229-38

Aminoglycoside ototoxicity. An update, with implications for all drug therapies. Johnson JT, et al. **Postgrad Med** 1985 Apr;77(5):131-4, 138

Comparative ototoxicity of netilmicin, gentamicin, and tobramycin in cats. McCormick GC, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):479-89

[Protective effect of fosfomycin on cisplatin-induced ototoxicity in rats] Ohtani I, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Jul;87(7):833-40 (Eng. Abstr.) **(Jpn)**

INJURIES

Covert manifestations of child abuse. Grace A, et al. **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1041-2

Management of carotid artery transection resulting from a stab wound to the ear. Harris JP, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):782-5

[Circumstances and causative factors in injuries of the otorhinolaryngologic organs] Cerný E. **Cesk Otolaryngol** 1984 Jun;33(3):141-6 (Eng. Abstr.) **(Cze)**

[Injuries caused by gunshots in the ear. Surgical treatment] Alvares Cruz N, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(2):119-22 (Eng. Abstr.) **(Fre)**

[Thermal lesions of the ENT organs, their diagnosis and treatment at medical evacuation centers] Tsurikov VP. **Voen Med Zh** 1985 Mar;(3):25-8 **(Rus)**

INNERVATION

Greater auricular nerve conduction in leprosy. Gourie-Devi M. **Ind J Lepr** 1984 Apr-Jun;56(2):182-90

MICROBIOLOGY

[Correlation between the otic and rhinopharyngeal microbial flora in chronic suppurative otitis media in adults] Cotulbea S, et al. **Rev Chir [Otorinolaringol]** 1984 Jul-Sep;29(3):199-204 (Eng. Abstr.) **(Rum)**

PHYSIOLOGY

Introduction of a new metric for the analysis of ear advantage in a dichotic single-response test. Whitaker LA. **Acta Psychol (Amst)** 1985 Jul;59(2):195-208

Progress in neurophysiology of sound localization. Phillips DP, et al. **Annu Rev Psychol** 1985;36:245-74 (128 ref.)

Behavioural estimates of auditory thresholds in hens. Temple W, et al. **Br Poult Sci** 1984 Oct;25(4):487-93

The tuning of auditory receptors in bushcrickets. Oldfield BP. **Hear Res** 1985 Jan;17(1):27-35

Single-unit responses in the inferior colliculus: different consequences of contralateral and ipsilateral auditory stimulation. Semple MN, et al. **J Neurophysiol** 1985 Jun;53(6):1467-82

The directionality of the frog ear described by a mechanical model. Palmer AR, et al. **J Theor Biol** 1984 Sep 21;110(2):205-15

[Auditory myogenic response in normal subjects] Hu K, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Jun;6(3):187-90 (Eng. Abstr.) **(Chi)**

SURGERY

Use of resurfaced temporoparietalis flap in total ear reconstruction with less-than-favorable skin coverage. Nakai H, et al. **Aesthetic Plast Surg** 1984;8(4):253-8

Epidermal cysts of temporal fossa: an unusual complication of ear surgery. Tovi F, et al. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):162-4

[Use of fibrin glue in microsurgery of the ear. An analysis of operations at the Pisa ENT Clinic] Piragine F, et al. **HNO** 1985 Apr;33(4):159-61 (Eng. Abstr.) **(Ger)**

EAR CANAL

see related
CERUMEN

'Three cartilages' technique in intact canal wall tympanoplasty to prevent recurrent cholesteatoma. Chiossone E. **Am J Otol** 1985 Jul;6(4):326-30

Carcinoma of the external auditory meatus and middle ear. Stell PM. **Clin Otolaryngol** 1984 Oct;9(5):251-99 (92 ref.)

Specification of the acoustical input to the ear at high frequencies. Khanna SM, et al. **J Acoust Soc Am** 1985 Feb;77(2):577-89

A method of plastic foreign body removal. Cheney ML, et al. **J La State Med Soc** 1985 Jul;137(7):31

Cardiac depression on syringing the ear. A case report. Prasad KS. **J Laryngol Otol** 1984 Oct;98(10):1013

Dissemination of squamous papilloma by surgical manipulation: a case report. Welsh RL, et al. **Laryngoscope** 1984 Dec;94(12 Pt 1):1568-70

'Aural' intoxicants [letter] Cwinn AA, et al. **N Engl J Med** 1985 Aug 1;313(5):330

Removing cockroaches from the auditory canal: controlled trial [letter] O'Toole K, et al. **N Engl J Med** 1985 May 2;312(18):1197

Removing objects from the external auditory canal [letter] Thompson MP. **N Engl J Med** 1984 Dec 20;311(25):1635

[False obstructive osteoma of the external auditory canal (fibrous dysplasia of the tympanic ring)] Basset JM, et al. **J Fr Otorhinolaryngol** 1984 Sep;33(7):353-6 **(Fre)**

[Rare tumor of the external auditory canal. Ceruminoma] Buruiană M, et al. **Rev Chir [Otorinolaringol]** 1985 Jan-Mar;30(1):51-5 (Eng. Abstr.) **(Rum)**

[Malignant melanoma of the external auditory canal treated by cryotherapy] Olariu B, et al. **Rev Chir [Otorinolaringol]** 1984 Oct-Dec;29(4):299-311 (Eng. Abstr.) **(Rum)**

ABNORMALITIES

Congenital malformations of the external and middle ear: high-resolution CT findings of surgical import. Swartz JD, et al. **AJR** 1985 Mar;144(3):501-6

Surgery in congenital aural atresia [editorial] Cremers CW. **Clin Otolaryngol** 1985 Apr;10(2):61-2

Reconstruction of the microtic ear. Bauer BS. **J Pediatr Surg** 1984 Aug;19(4):440-5

Congenital atresia of the external auditory canal. De la Cruz A, et al. **Laryngoscope** 1985 Apr;95(4):421-7

External auditory canal dysplasia: CT evaluation. Swartz JD, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):841-5

High-resolution CT scanning and auditory brain stem response in congenital aural atresia: patient selection and surgical correlation. Jahrsdoerfer RA, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):292-8

ANATOMY & HISTOLOGY

Tympanographic volume measurements of the canine ear. Forsythe WB. **Am J Vet Res** 1985 Jun;46(6):1351-3

A method of using the tympanomastoid fissure to find the facial nerve at parotidectomy. Robertson MS, et al. **Aust NZ J Surg** 1984 Aug;54(4):369-73

INJURIES

Benign necrotizing osteitis of the external auditory meatus. Youngs R, et al. **J Laryngol Otol** 1985 Aug;99(8):805-8

Tympanomastoid surgery: a technique for repairing posterior osseous canal wall defects with autologous temporalis fascia and bone pâte. Althaus SR. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):227-9

MICROBIOLOGY

Bacteriologic studies in external otitis in Dar es Salaam, Tanzania. Manni JJ, et al. **Trop Geogr Med** 1984 Sep;36(3):293-5

PATHOLOGY

Mechanisms in middle ear effusion production caused by irritation of the external auditory canal. Hellström S, et al. **Am J Otolaryngol** 1985 May-Jun;6(3):220-2

Benign dermal cylindroma of the external auditory canal: a clinicopathological report. Wolf BA, et al. **Am J Otolaryngol** 1985 Jan-Feb;6(1):35-8

Glandular tumors of the external auditory canal. Tanaka T, et al. **Hiroshima J Med Sci** 1984 Mar;33(1):17-22

[Stenosis of the external ear canal due to meniscus intrusion] Laurent F, et al. **Rev Stomatol Chir Maxillofac** 1984;85(4):276-9 (Eng. Abstr.) **(Fre)**

[A case of malignant melanoma in the external auditory canal followed by systemic vasculitis] Sambe S, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Apr;88(4):455-62 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Nonlinear phenomena as observed in the ear canal and at the auditory nerve. Fahey PF, et al. **J Acoust Soc Am** 1985 Feb;77(2):599-612

Spontaneous narrow-band oto-acoustic signals emitted by human ears: a replication [letter] Wier CC, et al. **J Acoust Soc Am** 1984 Oct;76(4):1248-50

Air pressure changes in the external auditory meatus (the influence on pure tone bone conduction thresholds). Nolan M, et al. **J Laryngol Otol** 1985 Apr;99(4):315-26

[Effect of air bubbles in the human external acoustic meatus on underwater sound perception] Lipatov NV. **Dokl Akad Nauk SSSR** 1985;281(6):1497-9 **(Rus)**

PHYSIOPATHOLOGY

[Conduction deafness and collapse of the auditory meatus. Value and limitations of the stapedial reflex in conduction deafness] Legent F, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(7):549-52 (Eng. Abstr.) (Fre)

RADIOGRAPHY

High resolution CT air cisternography in the diagnosis of small and intracanalicular acoustic tumor. Khanjanasthiti P, et al. **J Med Assoc Thai** 1984 Dec;67(12):646-53

Soft-tissue abnormalities of the external auditory canal: subject review of CT findings. Chakeres DW, et al. **Radiology** 1985 Jul;156(1):105-9

SURGERY

Surgical treatment of congenital aural atresia. Marres EH, et al. **Am J Otol** 1985 May;6(3):247-9

Surgical obliteration of the tympanomastoid compartment and external auditory canal. Schuknecht HF, et al. **Ann Otol Rhinol Laryngol** 1984 Nov-Dec;93(6 Pt 1):641-5

Management of the ear canal in head and neck surgery. Conley J. **Arch Otolaryngol** 1985 Feb;111(2):90-2

Basal cell carcinoma [letter] Abedi E, et al. **Ear Nose Throat J** 1984 Oct;63(10):526-7

Flap protection in exostosis surgery. LeLiever WC. **Laryngoscope** 1985 Sep;95(9 Pt 1):1126-7

Cholesteatoma surgery: the influence of the canal wall. Smyth GD. **Laryngoscope** 1985 Jan;95(1):92-6

[One-stage total auricle reconstruction combined with simultaneous formation of the external ear canal and tympanoplasty--report of 40 cases] Chen ZJ. **Chung Hua I Hsueh Tsa Chih** 1984 Aug;64(8):466-9 (Eng. Abstr.) (Chi)

[Reconstruction of the posterior wall of the auditory canal with Ceravital prostheses] Reck R. **HNO** 1985 Apr;33(4):162-5 (Eng. Abstr.) (Ger)

ULTRASTRUCTURE

The formation of ultrastructural epithelial and subepithelial connective tissue changes in experimentally induced cholesteatomas in guinea pigs. Galić M, et al. **Arch Otorhinolaryngol** 1985;241(3):267-70

EAR CARTILAGES see under **EAR, EXTERNAL**

EAR DEFORMITIES, ACQUIRED

COMPLICATIONS

Hydrogen sulfide and the probabilities of 'inhalation' through a tympanic membrane defect. Ronk R, et al. **J Occup Med** 1985 May;27(5):337-40

PATHOLOGY

The petrified auricle: comments on ossification, calcification and exostoses of the external ear. DiBartolomeo JR. **Laryngoscope** 1985 May;95(5):566-76

SURGERY

L-plasty technique in the repair of split ear lobe. Fatah MF. **Br J Plast Surg** 1985 Jul;38(3):410-4

Skin expansion as an adjunct to reconstruction of the external ear. Oneal RM, et al. **Br J Plast Surg** 1984 Oct;37(4):517-9

One stage total auricle reconstruction. Report of 50 cases. Chen ZJ, et al. **Chin Med J [Engl]** 1985 Jan;98(1):13-8

Avulsion injuries of the external ear. Weston GW, et al. **NC Med J** 1985 Jan;46(1):51-3

Problems encountered in contouring a reconstructed ear of autogenous cartilage. Yanai A, et al. **Plast Reconstr Surg** 1985 Feb;75(2):185-91

VETERINARY

Auricular chondropathy in aging rats. Chiu T, et al. **Vet Pathol** 1984 Sep;21(5):500-4

EAR DISEASES

see related
OTORHINOLARYNGOLOGIC DISEASES

CHEMICALLY INDUCED

The mouse ear edema: a quantitatively evaluable assay for tumor promoting compounds and for inhibitors of tumor promotion. Gschwendt M, et al. **Cancer Lett** 1984 Dec;25(2):177-85

Ototoxicity of subcutaneously administered aztreonam in neonatal rats. Myhre JL, et al. **Toxicol Appl Pharmacol** 1985 Jan;77(1):108-15

[Experimental study of the ototoxicity of cisplatinum] Amsallem P, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(5):365-72 (Eng. Abstr.) (Fre)

COMPLICATIONS

Chronic ear disease--the ultimate sound barrier. Jahrsdoerfer RA. **J Arkansas Med Soc** 1985 Feb;81(9):455-7

Intracranial complications of ear disease in a pediatric population with special emphasis on subdural effusion and empyema. Gower DJ, et al. **South Med J** 1985 Apr;78(4):429-34

[Therapeutic approach with a pregnant woman with facial paralysis caused by a cholesteatoma] Lacroix A. **Acta Otorhinolaryngol Belg** 1984;38(4):371-9 (Eng. Abstr.) (Fre)

[Therapy of otogenic and rhinogenic meningitis] Grasl M, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Aug;63(8):392-5 (Eng. Abstr.) (Ger)

[Rare case of otogenic sepsis] Koz'minykh VI, et al. **Vestn Otorinolaringol** 1985 May-Jun;(3):80-1 (Rus)

CONGENITAL

Congenital cholesteatoma today. Derlacki EL. **Am J Otol** 1985 Jan;6(1):19-21

DIAGNOSIS

Allergy testing in otology. Boyles JH Jr. **Am J Otol** 1984 Oct;5(6):450-5

The relationship between acoustic reflex threshold and air-bone gap. Lutman ME. **Br J Audiol** 1984 Nov;18(4):223-9

[Neuro-otologic diagnosis] Aantaa E. **Duodecim** 1985;101(7):651-8 (Fin)

[Reversible inner ear hearing loss in middle ear tuberculosis] Godbersen GS, et al. **HNO** 1984 Oct;32(10):426-8 (Eng. Abstr.) (Ger)

[Diagnosis of middle ear tuberculosis] Kley W. **HNO** 1984 Oct;32(10):424-5 (Eng. Abstr.) (Ger)

[Photography in endoscopic examinations of the nose and ears] Horoch A. **Otolaryngol Pol** 1985;39(1):77-80 (9 ref.) (Eng. Abstr.) (Pol)

DRUG THERAPY

Otic topical agents. Fairbanks DN. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):327-31

[Drug therapy in auricular pathology] Tripodi D, et al. **Clin Ter** 1985 May 31;113(4):315-22 (Eng. Abstr.) (Ita)

ENZYMOLOGY

Cathepsin activity in cholesteatoma. Iwanaga M, et al. **Ann Otol Rhinol Laryngol** 1985 May-Jun;94(3):309-12

ETIOLOGY

Effect of certain head and neck tumors and their management on the ventilatory function of the eustachian tube. Myers EN, et al. **Ann Otol Rhinol Laryngol [Suppl]** 1984 Nov-Dec;114:3-16

Eustachian tube obstruction and allergy: a role in otitis media with effusion? Fireman P. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):137-40

Ear involvement in human brucellosis. Elidan J, et al. **J Laryngol Otol** 1985 Mar;99(3):289-91

Spontaneous ear pain as the initial presenting manifestation of giant cell arteritis [letter] Coppeto JR. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):1059

Swimming unprotected with long-shafted middle ear ventilation tubes. Lounsbury BF. **Laryngoscope** 1985 Mar;95(3):340-3

[Cholesteatoma in children] Vermeersch H, et al. **Acta Otorhinolaryngol Belg** 1984;38(2):164-9 (Dut)

[A case of mixed otomyiasis in Ivory Coast] Fakry K, et al. **Bull Soc Pathol Exot Filiales** 1984 May-Jun;77(3):401-6 (Eng. Abstr.) (Fre)

FAMILIAL & GENETIC

Hereditary renal disease and preauricular pits: report of a kindred. Lachiewicz AM, et al. **J Pediatr** 1985 Jun;106(6):948-50

IMMUNOLOGY

Immunology of cholesteatoma. Veldman JE. **Am J Otol** 1985 Jan;6(1):22-5

Factors influencing collagen-induced autoimmune ear disease. Yoo TJ, et al. **Am J Otolaryngol** 1985 May-Jun;6(3):209-16

Inverse relationship between interferon production by mononuclear leucocytes and oxidative metabolism of neutrophil granulocytes in infection prone children. Bondestam M, et al. **Clin Exp Immunol** 1985 Apr;60(1):196-202

Immunologic ear disease in adults. Bernstein JM, et al. **Clin Rev Allergy** 1984 Nov;2(4):349-76 (67 ref.)

Immunologic aspects of otologic disease: an overview. Schiff M, et al. **Laryngoscope** 1985 Mar;95(3):259-69

METABOLISM

Biochemical study of cholesteatoma and cholesterol granuloma--occurrence of delta 7-cholestenol in the tissues of cholesteatoma. Hayashida T, et al. **ORL J Otorhinolaryngol Relat Spec** 1984;46(5):242-7

OCCURRENCE

Middle ear effusion in children and the indoor environment: an epidemiological study. Iversen M, et al. **Arch Environ Health** 1985 Mar-Apr;40(2):74-9

A nine-year study of ear disease in Australian aboriginal children. McCafferty GJ, et al. **J Laryngol Otol** 1985 Feb;99(2):117-25

[Effect of selected factors on morbidity in preschool children] Grosch C, et al. **Kinderarztl Prax** 1985 Feb;53(2):83-7 (Eng. Abstr.) (Ger)

[Course of otomycosis in the Republic of Bangladesh] Alam MSh. **Vestn Otorinolaringol** 1985 May-Jun;(3):86-8 (Rus)

PATHOLOGY

Pregnancy tumor of the middle ear [letter] Soni NK. **Ear Nose Throat J** 1985 Apr;64(4):205-6

[Myiasis in the field of otorhinolaryngology] Marková M, et al. **Cesk Otolaryngol** 1984 Jul;33(4):257-9 (Eng. Abstr.) (Cze)

[Origin of acquired middle ear cholesteatoma] Zechner G. **Laryngol Rhinol Otol (Stuttg)** 1985 Feb;64(2):67-72 (Eng. Abstr.) (Ger)

[Current findings on auricular cholesteatoma] Obreja S, et al. **Rev Chir [Otorinolaringol]** 1984 Oct-Dec;29(4):241-8 (Eng. Abstr.) (Rum)

PHYSIOPATHOLOGY

Inner ear cholesteatoma with preserved hearing. Bagger-Sjöbäck D. **J Laryngol Otol** 1984 Nov;98(11):1131-4

Bone erosion in experimental cholesteatoma--the effects of implanted barriers. Macri JR, et al. **Otolaryngol Head Neck Surg** 1985 Feb;93(1):3-17

RADIOGRAPHY

Computed tomography of local complications of temporal bone cholesteatomas. Johnson DW, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):519-23

An algorithm for neurotologic disorders. Kumar A, et al. **Neurol Clin** 1984 Nov;2(4):779-96

Soft-tissue abnormalities of the external auditory canal: subject review of CT findings. Chakeres DW, et al. **Radiology** 1985 Jul;156(1):105-9

[High resolution computer tomography of the middle and inner ear] Köster O, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Oct;63(10):488-93 (Eng. Abstr.) (Ger)

[Computerized tomography in middle ear diagnosis--a comparison with conventional methods] Imhof H, et al. **Radiologe** 1984 Nov;24(11):502-7 (Eng. Abstr.) (Ger)

SURGERY

International conference. The middle ear. Postoperative evaluation: anatomy, pathology, surgery and audiology. Antwerp, June 14-16, 1984. Part II. **Acta Otorhinolaryngol Belg** 1985;39(2):209-415

International Conference. The middle ear. Postoperative evaluation: anatomy, pathology, surgery and audiology. Antwerp, June 14-16, 1984. Part I. **Acta Otorhinolaryngol Belg** 1985;39(1):1-208

Open or closed tympanomastoidectomy for cholesteatoma in children. Abramson M. **Am J Otol** 1985 Mar;6(2):167-9

Recurrent and residual cholesteatoma. Farrior JB, et al. **Am J Otol** 1985 Jan;6(1):13-8

Use of prophylactic antibiotics in otologic and neuro-otologic surgery. Fitzgerald DC. **Am J Otol** 1985 Mar;6(2):121-5

Tympanoplasty in children and anatomical variations of the epipharynx. Hildmann H, et al. **Am J Otol** 1985 May;6(3):225-8

Intact canal wall for cholesteatoma. Jansen CW. **Am J Otol** 1985 Jan;6(1):3-4

Repair of bony canal wall defects in tympanomastoid surgery. McCleve D. **Am J Otol** 1985 Jan;6(1):76-9

Obliterative procedures in cholesteatoma surgery. Sheehy JL. **Am J Otol** 1985 Jan;6(1):9-12

Cholesteatoma surgery in children. Sheehy JL. **Am J Otol** 1985 Mar;6(2):170-2

Canal wall for cholesteatoma: up or down? Long-term results. Smyth GD. **Am J Otol** 1985 Jan;6(1):1-2

Osteoplastic epitympanotomy. Tympanoplasty types I, II, III: a review of 15 years of experience. Wullstein SR. **Am J Otol** 1985 Jan;6(1):5-8

Eustachian tube bypass. Lapidot A, et al. **IMJ** 1984 Nov;166(5):354-5

The relevance of experimental otology to clinical work. Palva T. **J Laryngol Otol** 1984 Nov;98(11):1073-82

Open mastoid procedures: contemporary indications and surgical technique. Jackson CG, et al. **Laryngoscope** 1985 Sep;95(9 Pt 1):1037-43

Cholesteatoma surgery: the influence of the canal wall. Smyth GD. **Laryngoscope** 1985 Jan;95(1):92-6

Postoperative cholesteatoma: are claims for the canal wall down technique justified? Smyth GD, et al. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):473-6

Management of the chronically draining ear. Farrior JB. **South Med J** 1985 Mar;78(3):271-4

[Long-term results following cholesteatoma surgery] Jahnke K, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 May;64(5):238-42 (Eng. Abstr.) (Ger)

THERAPY

[Acupuncture in the treatment of various otorhinolaryngologic diseases] Durko T, et al. **Otolaryngol Pol** 1984;38(4):303-6 (Eng. Abstr.) (Pol)

VETERINARY

Pathogenesis of canine aural hematomas. Dubielzig RR, et al. **J Am Vet Med Assoc** 1984 Oct 15;185(8):873–5

[Treatment of ear mange in rabbits with ivermectin] Prosl H, et al. **Berl Munch Tierarztl Wochenschr** 1985 Feb 1; 98(2):45–7 (Eng. Abstr.) **(Ger)**

EAR, EXTERNAL

Ulcerating tumor involving the auricular area. Peterman AR. **Arch Dermatol** 1985 Jul;121(7):929, 932

Endochondral pseudocyst of the auricle in Chinese. Choi S, et al. **Arch Otolaryngol** 1984 Dec;110(12):792–6

Basal cell carcinoma of the external auditory meatus. Stell PM. **Clin Otolaryngol** 1984 Jun;9(3):187–90

Subacute bacterial endocarditis following ear acupuncture [letter] Cheng TO, et al. **Int J Cardiol** 1985 May;8(1):97

Embedded foreign bodies presenting as earlobe keloids. Saleeby ER, et al. **J Dermatol Surg Oncol** 1984 Nov; 10(11):902–4

CO2 laser treatment of trichoepithelioma with focused and defocused beam. Sawchuk WS, et al. **J Dermatol Surg Oncol** 1984 Nov;10(11):905–7

Aetiological evaluation of foreign bodies in the ear and nose. Das SK. **J Laryngol Otol** 1984 Oct;98(10):989–91

Pseudocysts of the auricle. Shanmugham MS. **J Laryngol Otol** 1985 Jul;99(7):701–3

Technique for constructing a prosthetic ear positioner. Disantis WS. **J Prosthet Dent** 1985 Feb;53(2):282–3

Technique for using an acrylic resin insert to simulate a cartilaginous structure in a silicone prosthetic ear. Disantis WS. **J Prosthet Dent** 1984 Dec;52(6):889–91

Ear-banking: a time-saving method to assist in patient rehabilitation. Rogerson JN, et al. **J Prosthet Dent** 1984 Dec;52(6):900–1

Fabrication of hollow extraoral prostheses to enhance retention. Rouse JA, et al. **J Prosthet Dent** 1985 Apr; 53(4):557–64

Prosthetic treatment of earlobe keloids. Sela M, et al. **J Prosthet Dent** 1984 Sep;52(3):417–8

Microorganisms isolated from infected aural fistulas. Sugita R, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1468–71

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 26–1985. A 43-year-old woman with a progressive saddle-nose deformity. **N Engl J Med** 1985 Jun 27;312(26):1695–703

Treatment of auricular hematoma using button technique. Talaat M, et al. **ORL J Otorhinolaryngol Relat Spec** 1985; 47(4):186–8

Psoroptic ear mange (Psoroptes cuniculi, Delafond, 1859) in domestic and wild ruminants in Israel. Yeruham I, et al. **Vet Parasitol** 1985 Apr;17(4):349–53

[Complications in wearing earrings] Ovesen J. **Ugeskr Laeger** 1984 Sep 10;146(37):2782–3 (Eng. Abstr.) **(Dan)**

ABNORMALITIES

Cholesteatoma auris congenita arising from microtia. Nishimura Y, et al. **Ann Plast Surg** 1985 Mar;14(3):296–300

The postauricular myogenic response in normal children and children with microtia. Takagi N, et al. **Arch Otorhinolaryngol** 1984;241(1):95–100

Correction of prominent ears using Mustardé's technique: an out-patient procedure under local anaesthetic in children and adults. Attwood AI, et al. **Br J Plast Surg** 1985 Apr;38(2):252–8

Cryptotia: our classification and treatment. Hirose T, et al. **Br J Plast Surg** 1985 Jul;38(3):352–60

Total reconstruction of the ear with auditory function: a two stage procedure. Song YG, et al. **Br J Plast Surg** 1985 Apr;38(2):259–63

Syndrome with oculo dento auriculo cerebral malformation Bhattacherjee H. **Indian J Ophthalmol** 1984 May–Jun; 32(3):185–6

Tomography in the pre-operative evaluation of ear malformations. Report of 47 cases, 58 ears. Fileni A, et al. **J Laryngol Otol** 1985 May;99(5):433–8

Congenital absence of the palatine tonsil associated with congenital malformation of the external ear. A congenital anomaly. Grewal DS, et al. **J Laryngol Otol** 1985 Mar; 99(3):285–8

Prominent ears: a follow-up study. Nielser F, et al. **J Laryngol Otol** 1985 Mar;99(3):221–4

Anotia, facial paralysis, and heart disease [letter] Hall BD. **J Pediatr** 1985 Mar;106(3):532

Fetal hydrocephalus and ear anomalies associated with maternal use of isotretinoin. Lott IT, et al. **J Pediatr** 1984 Oct;105(4):597–600

Reconstruction of the microtic ear. Bauer BS. **J Pediatr Surg** 1984 Aug;19(4):440–5

Tape attachment therapy for correction of congenital malformations of the auricle: clinical and experimental studies. Muraoka M, et al. **Laryngoscope** 1985 Feb; 95(2):167–76

[Changes in the face in unilateral aplasia of the external ear] Smahel Z, et al. **Cesk Otolaryngol** 1985 Mar;34(2):83–91 (Eng. Abstr.) **(Cze)**

[Association of congenital paralysis of the horizontal gaze with auricular dysplasia] Safran AB, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1309–10 **(Fre)**

[Congenital malformations due to accutane] Tremblay M, et al. **Can Med Assoc J** 1985 Aug 1;133(3):208 **(Fre)**

[Middle ear malformation with normal external meatus; correlation of ossicular anomalies with anomalies of the auricle, jaw and face] Kumakawa K, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Jan;88(1):30–6 (Eng. Abstr.) **(Jpn)**

[Cupped ears] Kruk J. **Otolaryngol Pol** 1985;39(2):124–31 (Eng. Abstr.) **(Pol)**

[Lop ears] Kruk J. **Otolaryngol Pol** 1985;39(2):140–5 (Eng. Abstr.) **(Pol)**

[Protruding ears] Kruk J. **Otolaryngol Pol** 1985;39(2):132–9 (Eng. Abstr.) **(Pol)**

[Branchial arch and pouch remnants] Kruk J. **Otolaryngol Pol** 1984;38(3):233–8 (Eng. Abstr.) **(Pol)**

[The first and second branchial arch syndrome] Kruk J. **Otolaryngol Pol** 1984;38(5):393–9 (Eng. Abstr.) **(Pol)**

[Reconstruction of the pavilion of the ear in microtia] Kamakura L, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jul–Aug;39(4):148–51 (Eng. Abstr.) **(Por)**

[1st and 2nd branchial arch syndrome. Correction of mandibular deformity after the growth period] Lapa F, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jul–Aug; 39(4):152–7 (Eng. Abstr.) **(Por)**

[Congenital malformations in the otorhinolaryngologic area in newborn infants] Savić D, et al. **Srp Arh Celok Lek** 1984 Mar;112(3):273–86 **(Scc)**

ANALYSIS

Automatic detection at the polygraph of malposition of the Hewlett-Packard ear oximeter [letter] Lucas EA, et al. **Sleep** 1984;7(3):272–3

ANATOMY & HISTOLOGY

Interpupillary and internipple distances and ear lengths in Nigerian newborns. Ejiwunmi AB, et al. **Ann Trop Paediatr** 1984 Jun;4(2):103–6

Functional anatomy of the external and middle ear. Webster DB, et al. **Ear Nose Throat J** 1985 Jun;64(6):275–81

The ala-tragus line in complete denture prosthodontics. van Niekerk FW, et al. **J Prosthet Dent** 1985 Jan;53(1):67–9

A morphological study on the concave contour of the auricle of domestic mammals. Wakuri H. **Kitasato Arch Exp Med** 1984 Apr;57(1):27–45

More on ear-canal hair and the ear-lobe crease as predictors for coronary-artery disease [letter] **N Engl J Med** 1985 Feb 28;312(9):582–3

Ear-canal hair and the ear-lobe crease as predictors for coronary-artery disease [letter] Wagner RF Jr, et al. **N Engl J Med** 1984 Nov 15;311(20):1317–8

BLOOD SUPPLY

Comparison of plethysmograms taken from finger and pinna during anaesthesia. Nijboer JA, et al. **Br J Anaesth** 1985 May;57(5):531–4

Characterisation of the vascular plasminogen activator from the pig ear. Klöcking HP, et al. **Folia Haematol (Leipz)** 1984;111(6):851–61

Suprabulbar and bulbar integration of ventilation and ear vascular control during thermoregulation in the rabbit. Traugott FM, et al. **J Auton Nerv Syst** 1985 Feb–Mar; 12(2–3):227–38

Central nervous system 5-hydroxytryptamine and noradrenaline specificity of ear vascular and ventilation reflexes in thermoregulating rabbits. White SW, et al. **J Auton Nerv Syst** 1985 Feb–Mar;12(2–3):131–44

[Effect of prostaglandin F2 alpha on the microvessels in a transparent chamber implanted in the rabbit concha auriculae] Reutov MI, et al. **Biull Eksp Biol Med** 1985 Jul; 100(7):8–10 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Differentiation of extracellular matrix in the cellular cartilage ('Zellknorpel') of the mouse pinna. Mallinger R, et al. **Anat Embryol (Berl)** 1985;172(1):69–74

INJURIES

Traumatic amputation of the external ear: the War of Jenkins' Ear and George Washington. Liston SL. **Am J Surg** 1984 Nov;148(5):599–601

The wrestler's ear (acute auricular hematoma). Giffin CS. **Arch Otolaryngol** 1985 Mar;111(3):161–4

L-plasty technique in the repair of split ear lobe. Fatah MF. **Br J Plast Surg** 1985 Jul;38(3):410–4

Pathogenesis of canine aural hematomas. Dubielzig RR, et al. **J Am Vet Med Assoc** 1984 Oct 15;185(8):873–5

Maxillofacial prosthetics and iontophoresis in management of burned ears. Sela M, et al. **J Prosthet Dent** 1985 Feb; 53(2):226–7

Repair of the cleft ear lobe. Walike J, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):876–7

Avulsion injuries of the external ear. Weston GW, et al. **NC Med J** 1985 Jan;46(1):51–3

INNERVATION

Spinal topography of the projection of the auricular nerve in the rabbit: a transganglionic WGA-HRP study. Bengoechea O, et al. **Brain Res** 1985 Mar 11;329(1–2):340–5

[Oculo-auricular phenomenon and its value in neurologic diagnosis] Wagner A, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Sep; 36(9):527–32 (Eng. Abstr.) **(Ger)**

MICROBIOLOGY

Acid fast bacilli in lymph node aspirate and smears from ear lobules and fingers in long treated patients. Kumar B, et al. **Ind J Lepr** 1984 Jan–Mar;56(1):71–7

Otomycosis—a continuing problem. Mugliston T, et al. **J Laryngol Otol** 1985 Apr;99(4):327–33

PATHOLOGY

Bilateral chondrodermatitis helicis: case presentation and literature review. Cannon CR. **Am J Otol** 1985 Mar; 6(2):164–6

Tumors of ceruminous glands. Lynde CW, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):841–7

The petrified auricle: comments on ossification, calcification and exostoses of the external ear. DiBartolomeo JR. **Laryngoscope** 1985 May;95(5):566–76

Angiolymphoid hyperplasia with eosinophilia of the external ear (Kimura's disease). Ferlito A, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(3):139–44

Auricular chondropathy in aging rats. Chiu T, et al. **Vet Pathol** 1984 Sep;21(5):500–4

[Pseudocysts of the auricle. Clinical and histological studies of 3 cases] Botella-Anton R, et al. **Ann Dermatol Venereol** 1984;111(10):919–23 (Eng. Abstr.) **(Fre)**

[Collagenous papules of the external ear. Micropapular hyalinosis of the external ear with transepithelial elimination. Relation to primary localized cutaneous amyloidosis] Dupré A, et al. **Ann Dermatol Venereol** 1984; 111(10):913–7 (Eng. Abstr.) **(Fre)**

PHYSIOLOGY

Role of adrenergic and histaminergic systems in clonidine-induced inhibition of the pinnal reflex in mice [letter] Singh PP, et al. **Indian J Physiol Pharmacol** 1984 Apr–Jun;28(2):173–6

Acuity of sound localisation: a topography of auditory space. II. Pinna cues absent. Oldfield SR, et al. **Perception** 1984; 13(5):601–17

Possible involvement of central adrenergic and histaminergic systems in clonidine-induced inhibition of pinna reflex. Singh PP, et al. **Pharmacol Res Commun** 1985 Mar; 17(3):261–9

[Directionality of sound perception in the external ear of the dog] Gorlinskiĭ IA, et al. **Biofizika** 1985 Jan–Feb; 30(1):133–6 (Eng. Abstr.) **(Rus)**

SURGERY

Reconstruction of the middle ear with tragal cartilage. Murata K, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984; 419:130–5

Superficial cervical lymphadenopathy after insertion of earrings. Ashkenazi S, et al. **Am J Dis Child** 1984 Dec; 138(12):1147–8

Surgical treatment of congenital aural atresia. Marres EH, et al. **Am J Otol** 1985 May;6(3):247–9

Hemorrhage from the cosmetic otoplasty of Doberman Pinschers with von Willebrand's disease. Johnson GS, et al. **Am J Vet Res** 1985 Jun;46(6):1335–40

The permanence of otoplasty in the rabbit ear: a comparison of techniques. DeMars RV, et al. **Ann Plast Surg** 1984 Sep; 13(3):195–8

Ear reconstruction with a flap from the medial surface of the auricle. Elsahy NI. **Ann Plast Surg** 1985 Feb; 14(2):169–79

Porous polyethylene in reconstructive head and neck surgery. Berghaus A. **Arch Otolaryngol** 1985 Mar;111(3):154–60

Surgeon's workshop. Treatment of auricular haematoma by suction drainage. Bull PD, et al. **Clin Otolaryngol** 1984 Dec; 9(6):355–60

One-step procedure for earlobe surgical repair and ear post replacement [letter] Chernosky ME. **J Am Acad Dermatol** 1985 Apr;12(4):721–3

Effect of freezing the helix and the rim or edge of the human and pig ear. Burge SM, et al. **J Dermatol Surg Oncol** 1984 Oct;10(10):816–9

Punch grafting: an easy office procedure. Cabaniss WH Jr. **J Dermatol Surg Oncol** 1985 May;11(5):509–11

Ear reconstruction with rotation-advancement composite flap. Elsahy NI. **Plast Reconstr Surg** 1985 Apr;75(4):567–8

The pixie earlobe: a method of correction. Khoo BC. **Plast Reconstr Surg** 1985 Oct;76(4):636–8

Successful replantation in the face of absent venous drainage: an experimental study. Nichter LS, et al. **Plast Reconstr Surg** 1985 May;75(5):686–91

Earlobe reduction [letter] Peled IJ. **Plast Reconstr Surg** 1985 Jun;75(6):924–5

A new method utilizing the bipedicle flap for reconstruction of the external auditory canal in microtia. Yanai A, et al. **Plast Reconstr Surg** 1985 Sep;76(3):464–8

Problems encountered in contouring a reconstructed ear of autogenous cartilage. Yanai A, et al. **Plast Reconstr Surg** 1985 Feb;75(2):185–91

Some effects of radiation on the healing of transected mouse ear. Franklin A, et al. **Radiat Res** 1984 Oct;100(1):55–64

[One-stage total auricle reconstruction combined with simultaneous formation of the external ear canal and tympanoplasty—report of 40 cases] Chen ZJ.

Chung Hua I Hsueh Tsa Chih 1984 Aug;64(8):466–9 (Eng. Abstr.) (Chi)

[One–stage total ear reconstruction––report of 50 cases] Chen ZJ. **Chung Hua Wai Ko Tsa Chih** 1984 Jan;22(1):21–4, 62 (Eng. Abstr.) (Chi)

[Repair of cleft ear lobe] Simons G, et al. **Ann Chir Plast Esthet** 1985;30(2):154–7 (Eng. Abstr.) (Fre)

[Lower trapezius musculocutaneous flap for the repair of neoplastic loss of substance of the ear] Andrieu–Guitrancourt J, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(7):545–8 (Eng. Abstr.) (Fre)

[Reconstruction of the pavilion of the ear after burns] Pasturel A, et al. **Rev Stomatol Chir Maxillofac** 1984; 85(5):432–4 (Eng. Abstr.) (Fre)

[External ear cancer and its surgical treatment] Nischwitz AS. **Z Arztl Fortbild (Jena)** 1985;79(13):569–71 (Ger)

TRANSPLANTATION

Intranasal composite grafts for dorsal support. Conley J. **Arch Otolaryngol** 1985 Apr;111(4):241–3

Reconstruction of the ala of the nose using a composite free flap from the pinna. Parkhouse N, et al. **Br J Plast Surg** 1985 Jul;38(3):306–13

Histochemical study of cartilage autografts in tympanoplasty. Elwany S. **J Laryngol Otol** 1985 Jul;99(7):637–42

[A new method of penetrating keratoprosthesis (simultaneous implantation of a keratoprosthesis and retrocorneal autochondrokeratoplasty)] Krasnov MM, et al. **Vestn Oftalmol** 1984 Sep–Oct;(5):31–4 (Eng. Abstr.) (Rus)

EAR, INTERNAL see **LABYRINTH**

EAR, MIDDLE

see related
ACOUSTIC IMPEDANCE TESTS

Findings in a pair of temporal bones from a patient with secretory otitis media and chronic middle ear infection. Palva T, et al. **Acta Otolaryngol (Stockh)** 1984 Sep–Oct; 98(3–4):208–20

Bone resorption in cholesteatomas. An experimental study. Bretlau P, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984; 414:178–85

Assessing middle ear disease: beyond visual otoscopy. Weir MR, et al. **Am Fam Physician** 1984 Nov;30(5):201–10

Adenomatous tumor of the middle ear. An ultrastructural and immunocytochemical study. McNutt MA, et al. **Am J Clin Pathol** 1985 Oct;84(4):541–7

Surgical treatment of brain herniation into the middle ear and mastoid. Feenstra L, et al. **Am J Otol** 1985 Jul; 6(4):311–5

Functional repair of the eustachian tube. Jansen CW. **Am J Otol** 1985 May;6(3):231–2

Ventilation tubes: indications and complications. Luxford WM, et al. **Am J Otol** 1984 Oct;5(6):468–71 (8 ref.)

Missing stapes and stapes–replacing prosthesis. Sadé J, et al. **Am J Otol** 1985 May;6(3):257–62

Cholesterol cyst manifesting as a middle ear vascular tumor. Hoffman RA. **Am J Otolaryngol** 1984 Jan–Feb;5(1):68–70

Congenital cholesteatoma of the ear. McDonald TJ, et al. **Ann Otol Rhinol Laryngol** 1984 Nov–Dec;93(6 Pt 1):637–40

Carcinoma of the external auditory meatus and middle ear. Stell PM. **Clin Otolaryngol** 1984 Oct;9(5):281–99 (92 ref.)

Glomus tympanicum presenting as Menière's disease [letter] Fitzgerald DC. **Ear Nose Throat J** 1985 Jan;64(1):68

Facial nerve surgery in children. Deka RC. **Indian J Pediatr** 1983 Nov–Dec;50(407):643–6

Osteoma of the middle ear. Cremers CW. **J Laryngol Otol** 1985 Apr;99(4):383–6

Endaural cerebral hernia. Ramsden RT, et al. **J Laryngol Otol** 1985 Jul;99(7):643–51

Middle–ear lipoma presenting as airways obstruction: case report and review of literature. Stegehuis HR, et al. **J Laryngol Otol** 1985 Jun;99(6):589–91

Embryonal rhabdomyosarcoma of the ear: a review of the literature and case history. Wells SC. **J Laryngol Otol** 1984 Dec;98(12):1261–6

Light and electron microscopic studies of a case of middle ear adenoma. Kochilas X, et al. **Laryngoscope** 1984 Nov; 94(11 Pt 1):1482–4

Primary melanoma of the middle ear. McKenna EL Jr, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1459–60

Bilateral congenital middle ear cholesteatomas. Wang R, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1461–3

Dermoid cyst of the middle ear and mastoid. Fried MP, et al. **Otolaryngol Head Neck Surg** 1984 Oct;92(5):594–6

Otoscopy and tympanometry in screening for middle ear disorders in children. Al–Fadala S, et al. **Scand Audiol** 1984; 13(4):297–9

Selected oral, pharyngeal, and upper respiratory conditions in the cat. Oral tumors, nasopharyngeal and middle ear polyps, and chronic rhinitis and sinusitis. Bradley RL. **Vet Clin North Am [Small Anim Pract]** 1984 Nov; 14(6):1173–84 (47 ref.)

[Primary sarcoma of the middle ear. Apropos of 3 cases] Alvares Cruz N, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(1):47–52 (Eng. Abstr.) (Fre)

[Tuberculosis of the middle ear] Heumann H. **J Fr Otorhinolaryngol** 1984 Nov;33(9):473–4, 477–8 (Fre)

[Reversible inner ear hearing loss in middle ear tuberculosis] Godbersen GS, et al. **HNO** 1984 Oct;32(10):426–8 (Eng. Abstr.) (Ger)

[Diagnosis of middle ear tuberculosis] Kley W. **HNO** 1984 Oct;32(10):424–5 (Eng. Abstr.) (Ger)

[Development of cholesteatoma in the middle ear ab statu nascendi] Schwarz M. **HNO** 1985 Apr;33(4):180–2 (Eng. Abstr.) (Ger)

[Embryonal rhabdomyosarcoma of the middle ear and mastoid simulating chronic otitis media] Shohet I, et al. **Harefuah** 1984 Nov 15;107(10):290–1 (Eng. Abstr.) (Heb)

[Tumor of the cerebellopontile angle associated with tympanosclerosis] Pośpiech L, et al. **Otolaryngol Pol** 1984; 38(4):349–54 (Eng. Abstr.) (Pol)

[Bilateral cholesteatoma with the tympanum intact and bilateral facial paralysis] Hociotă D, et al. **Rev Chir [Otorinolaringol]** 1984 Oct–Dec;29(4):293–7 (Eng. Abstr.) (Rum)

[Cholesteatoma of the middle ear] Preobrazhenskiĭ NA. **Vestn Otorinolaringol** 1984 Nov–Dec;(6):81–4 (Rus)

ABNORMALITIES

Surgical management of the congenital ear. Marquet J. **Acta Otorhinolaryngol Belg** 1984;38(3):232–7

Congenital malformations of the external and middle ear: high–resolution CT findings of surgical import. Swartz JD, et al. **AJR** 1985 Mar;144(3):501–6

Tomography in the pre–operative evaluation of ear malformations. Report of 47 cases, 58 ears. Fileni A, et al. **J Laryngol Otol** 1985 May;99(5):433–8

[Association of congenital paralysis of the horizontal gaze with auricular dysplasia] Safran AB, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1309–10 (Fre)

[Testing Eustachian tube patency before surgical correction of anomalies of the middle ear in children] Kozlov MIa, et al. **Vestn Otorinolaringol** 1984 Nov–Dec;(6):54–6 (Eng. Abstr.) (Rus)

[Experience with the surgical treatment of congenital anomalies of the ear in adults] Barta T. **Cesk Otolaryngol** 1984 Jul;33(4):222–6 (Eng. Abstr.) (Slo)

ANATOMY & HISTOLOGY

The attic space––its development and some species differences. Hellström S, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:31–3

Functional morphology of the tubotympanum. An overview. Lim DJ. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:13–8 (18 ref.)

Tympanographic volume measurements of the canine ear. Forsythe WB. **Am J Vet Res** 1985 Jun;46(6):1351–3

Structures and relationships of the anterior malleus ligament. Toledo Filho JL, et al. **Anat Anz** 1985;158(1):13–22

Anatomy and histology of the middle ear. Tos M. **Clin Rev Allergy** 1984 Nov;2(4):267–84 (54 ref.)

Functional anatomy of the external and middle ear. Webster DB, et al. **Ear Nose Throat J** 1985 Jun;64(6):275–81

The structure of the middle ear epithelium of the rat and the effect of Eustachian tube obstruction. Kuijpers W, et al. **Histochem J** 1984 Aug;16(8):807–18

Ear drum mobility and middle ear volume measured with tympanometry. Lindeman P, et al. **Scand Audiol** 1984; 13(3):147–50

The hypotympanum. Proctor B. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter; 37(2):201–8

[Topographic–anatomic interrelations of structures of the brain and the trepanation auricular cavity] Talyshinskiĭ AM. **Vestn Otorinolaringol** 1985 May–Jun;(3):39–43 (Eng. Abstr.) (Rus)

[Anatomic variations and anomalies in the tympanic and mastoid part of the facial canal of importance in surgery] Savić D, et al. **Srp Arh Celok Lek** 1984 Jun;112(6):657–72 (Eng. Abstr.) (Scc)

BLOOD SUPPLY

Spontaneous closure of a dural arteriovenous fistula associated with acute hearing loss. Landman JA, et al. **AJNR** 1985 May–Jun;6(3):448–9

ATP produces vasodilation via P1 purinoceptors and vasoconstriction via P2 purinoceptors in the isolated rabbit central ear artery. Kennedy C, et al. **Blood Vessels** 1985; 22(3):145–55

[Ectopic internal carotid artery in the tympanic cavity. Intraoperative complications and their treatment. A case report] Elies W, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Apr;64(4):202–5 (Eng. Abstr.) (Ger)

[Determination of the nature of vascular reactions to the action of helium–neon laser radiation using an otorheographic method] Mishen'kin NV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May–Jun; (3):65–7 (Rus)

CYTOLOGY

Occurrence and distribution of calcitonin gene–related peptide in the mammalian respiratory tract and middle ear. Uddman R, et al. **Cell Tissue Res** 1985;241(3):551–5

DRUG EFFECTS

Anaesthetic carrier gases. Their effect on middle–ear pressure peri–operatively. Mann MS, et al. **Anaesthesia** 1985 Jan; 40(1):8–11

[Technical difficulties in intratympanic gentamycin therapy in Menière disease] Lange G. **Laryngol Rhinol Otol (Stuttg)** 1985 Mar;64(3):174 (Ger)

ENZYMOLOGY

The isomyosins of rabbit middle ear muscles. Morara I Jr, et al. **Arch Int Physiol Biochim** 1984 Dec;92(5):385–90

GROWTH & DEVELOPMENT

[Postnatal development of the sound–transporting apparatus in the middle ear of rabbits] Schönfelder J, et al. **Gegenbaurs Morphol Jahrb** 1985;131(1):31–41 (Eng. Abstr.) (Ger)

IMMUNOLOGY

Mucosal immunity of the middle ear. Mogi G. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:127–30

Oxygen consumption of middle ear and peripheral blood neutrophils in acute suppurative otitis media. Bernstein JM, et al. **Am J Otolaryngol** 1985 May–Jun;6(3):169–72

The middle ear mucosal immune system in otitis media with effusion. Bernstein JM, et al. **Am J Otolaryngol** 1985 May–Jun;6(3):162–8

Effect of a middle ear immune response on inner ear antibody levels. Harris JP, et al. **Ann Otol Rhinol Laryngol** 1985 Mar–Apr;94(2 Pt 1):202–6

Immunologic aspects of otologic disease: an overview. Schiff M, et al. **Laryngoscope** 1985 Mar;95(3):259–69

INJURIES

Blast injury to sensory hairs: a study in the guinea pig using scanning electron microscopy. Yokoi H, et al. **Arch Otorhinolaryngol** 1984;240(3):263–70

Otitic barotrauma and methods of prevention. Watanabe I, et al. **Sangyo Ika Daigaku Zasshi** 1985 Mar 1;7 Suppl:177–84

Damage to the middle ear and the inner ear in underwater divers. Money KE, et al. **Undersea Biomed Res** 1985 Mar; 12(1):77–84

[Medical aspects of diving accidents] Mulder JW, et al. **Ned Tijdschr Geneeskd** 1985 Jun 29;129(26):1222–5 (Dut)

[Differential diagnostic problems in diseases and injuries of the middle ear] Kitanoski B, et al. **Vojnosanit Pregl** 1985 Jan–Feb;42(1):14–8 (Eng. Abstr.) (Ser)

INNERVATION

Communicatory routes connecting the middle ear, the inner ear and the subarachnoid space via perineural space. Watanabe I, et al. **Acta Otolaryngol (Stockh)** 1985 Mar–Apr; 99(3–4):428–36

Is there an auriculovagal reflex producing cardiac dysrhythmias? [letter] Moorthy SS, et al. **Arch Otolaryngol** 1985 Sep;111(9):631

Transtympanic neurectomies for control of drooling. Grewal DS, et al. **Auris Nasus Larynx** 1984;11(2):109–14

Occurrence and distribution of neuropeptide–Y–immunoreactive nerves in the respiratory tract and middle ear. Uddman R, et al. **Cell Tissue Res** 1984;237(2):321–7

METABOLISM

Long–standing otitis media with effusion––a convenient model for the study of antibiotic penetration to respiratory tract secretions. Edén T. **Scand J Infect Dis [Suppl]** 1985; 44:46–51

MICROBIOLOGY

Biotypes of serologically nontypable Haemophilus influenzae isolated from the middle ears and nasopharynges of patients with otitis media with effusion. DeMaria TF, et al. **J Clin Microbiol** 1984 Dec;20(6):1102–4

Identification of respiratory virus antigens in middle ear fluids of children with acute otitis media. Sarkkinen H, et al. **J Infect Dis** 1985 Mar;151(3):444–8

Chlamydia trachomatis in smears from eyes, ears, and throats of children with chronic otitis media [letter] Banks JR, et al. **Lancet** 1985 Aug 3;2(8449):278

Secretory otitis media: microbiology of the middle ear and the nasopharynx. Kamme C, et al. **Scand J Infect Dis** 1984; 16(3):291–6

[Effect of Tavegyl (Polfa) on microorganisms detected in otocenosis during in vivo studies] Kurnatowski P, et al. **Otolaryngol Pol** 1984;38(3):219–24 (Eng. Abstr.) (Pol)

PATHOLOGY

Acute otitis media. An animal experimental study. Grote JJ, et al. **Acta Otolaryngol (Stockh)** 1984 Sep–Oct; 98(3–4):239–49

Junctions of squamous epithelium with middle ear mucosa. Palva T, et al. **Acta Otolaryngol (Stockh)** 1985 Mar–Apr; 99(3–4):297–304

Hypertrophy of the tensor tympani muscle presenting as a middle ear mass. Stankiewicz JA, et al. **Am J Otol** 1985 Mar;6(2):150–2

Mechanisms in middle ear effusion production caused by irritation of the external auditory canal. Hellström S, et al. **Am J Otolaryngol** 1985 May-Jun;6(3):220-2

Experimental otitis media with effusion induced by nonviable Hemophilus influenzae: cytologic and histologic study. Okazaki N, et al. **Am J Otolaryngol** 1984 Mar-Apr; 5(2):80-92

Squamous cell carcinoma of the middle ear. A 25-year retrospective study. Kenyon GS, et al. **Ann Otol Rhinol Laryngol** 1985 May-Jun;94(3):273-7

Pathologic quiz case 2. Benign adenoma of middle ear. Little FB Jr. **Arch Otolaryngol** 1985 May;111(5):346, 347, 348

European programme on functional histopathology of the human audio-vestibular organ. Iurato S, et al. **Audiology** 1984;23(5):520-4

Tympanosclerosis of the ear drum in children. Møller P. **Int J Pediatr Otorhinolaryngol** 1984 Jul;7(3):247-56

Salivary gland choristoma of the middle ear. Moore PJ, et al. **Int J Pediatr Otorhinolaryngol** 1984 Oct;8(1):91-5

Experimental background for the use of tympanostomy tubes. Söderberg O, et al. **Int J Pediatr Otorhinolaryngol** 1984 Oct;8(1):1-11

The behaviour of the keratinizing epithelium in tympanoplasty. Boedts D. **J Laryngol Otol** 1984 Sep; 98(9):847-52

A benign middle-ear adenoma producing facial paralysis. Knight JR, et al. **J Laryngol Otol** 1985 Aug;99(8):809-12

Microscopic analysis of the mastoid bone in chronic serous otitis media. Newberg LB, et al. **Laryngoscope** 1985 Aug; 95(8):921-3

Subepithelial space in otitis media. Paparella MM, et al. **Laryngoscope** 1985 Apr;95(4):414-20

Surgical pathology of middle ear implants. Schuknecht HF, et al. **Laryngoscope** 1985 Mar;95(3):249-58

Clinical-histopathological correlations in experimental otitis media: implications for silent otitis media in humans. Giebink GS, et al. **Pediatr Res** 1985 Apr;19(4):389-96

[Tympanic retraction bags] Martin C, et al. **J Fr Otorhinolaryngol** 1984 Sep;33(7):337-42 **(Fre)**

[Origin of acquired middle ear cholesteatoma] Zechner G. **Laryngol Rhinol Otol (Stuttg)** 1985 Feb;64(2):67-72 (Eng. Abstr.) **(Ger)**

[Jugulotympanic paraganglioma] Höfler H, et al. **Wien Klin Wochenschr** 1985 Jun 7;97(12):530-4 (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

Prediction of post-operative middle ear pressure changes after general anaesthesia with nitrous oxide. O'Neill G. **Acta Otolaryngol (Stockh)** 1985 Jul-Aug;100(1-2):51-7

Ciliary activity of the middle ear lining in guinea pigs. Ohashi Y, et al. **Ann Otol Rhinol Laryngol** 1985 Jul-Aug;94(4 Pt 1):419-23

Eustachian tube function in the chinchilla. Doyle WJ. **Arch Otolaryngol** 1985 May;111(5):305-8

Morning pressure in the middle ear. Hergils L, et al. **Arch Otolaryngol** 1985 Feb;111(2):86-9

Frequency characteristics of the middle ear. Kringlebotn M, et al. **J Acoust Soc Am** 1985 Jan;77(1):159-64

The influence of the age at which the palate is closed on the rhinological and otological condition in the adult cleft patient. Blijdorp P, et al. **J Maxillofac Surg** 1984 Dec; 12(6):247-54

Automatic gain control in the bat's sonar receiver and the neuroethology of echolocation. Kick SA, et al. **J Neurosci** 1984 Nov;4(11):2725-37

Experimental evidence against middle ear oxygen absorption. Buckingham RA, et al. **Laryngoscope** 1985 Apr; 95(4):437-42

Tympanometric middle-ear pressure determination with two-component admittance meters. Decraemer WF, et al. **Scand Audiol** 1984;13(3):165-72

Phasor admittance measurements of the middle ear. II. Normal phasor tympanograms and acoustic reflexes. Lutman ME, et al. **Scand Audiol** 1984;13(4):265-74

Phasor admittance measurements of the middle ear. I. Theoretical approach. Lutman ME. **Scand Audiol** 1984; 13(4):253-64

The acoustic impedance locus for normal human ears. Parson I, et al. **Scand Audiol [Suppl]** 1984;22:1-14

[Negative pressure in the middle ear. Seasonal changes in normal children] Miniti A, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(3):293-6 (Eng. Abstr.) **(Fre)**

PHYSIOPATHOLOGY

Effects of pressure on bone resorption in the middle ear of rats. Moriyama H, et al. **Ann Otol Rhinol Laryngol** 1985 Jan-Feb;94(1 Pt 1):60-4

The relationship between acoustic reflex threshold and air-bone gap. Lutman ME. **Br J Audiol** 1984 Nov; 18(4):223-9

Middle ear function in cleft palate. Gopalakrishna A, et al. **Br J Plast Surg** 1984 Oct;37(4):558-65

Tympanometry. Shanks JE. **Ear Hear** 1984 Sep-Oct; 5(5):268-80

Medical relevancy of immittance measurements. Stool SE. **Ear Hear** 1984 Sep-Oct;5(5):309-13

A brief review of the use of both tympanometric pressure equalization and middle-ear function in assessing eustachian tube patency. Givens GD, et al. **J Aud Res** 1983 Jul;23(3):149-56

Middle-ear pressure changes during general N2O anaesthesia in adeno-tonsillectomies due to post-nasal packing. Karbonis J, et al. **J Laryngol Otol** 1984 Oct;98(10):973-6

[Development of pressure in the middle ear after nasal operations] Laszig R. **HNO** 1985 Apr;33(4):187-9 (Eng. Abstr.) **(Ger)**

RADIATION EFFECTS

Delayed ultrastructural radiation induced changes in the human mesotympanic middle ear mucosa. Elwany S. **J Laryngol Otol** 1985 Apr;99(4):343-53

Delayed effects of ionizing radiation on the ear. Bohne BA, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):818-28

RADIOGRAPHY

Computerized tomographic evaluation of the middle ear and mastoid for posttraumatic hearing loss. Swartz JD, et al. **Ann Otol Rhinol Laryngol** 1985 May-Jun;94(3):263-6

A comparison of pluridirectional tomography and high resolution CT in exploration of the middle ear. Vignaud J, et al. **J Neuroradiol** 1984;11(2):73-81 **(Eng, Fre)**

Computerized axial tomography versus complex motion as a predictor of surgical findings in middle ear and mastoid cholesteatoma. Lewis DR, et al. **Laryngoscope** 1985 Jun; 95(6):689-91

[High resolution computer tomography of the middle and inner ear] Köster O, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Oct;63(10):488-93 (Eng. Abstr.) **(Ger)**

[Computerized tomography in middle ear diagnosis--a comparison with conventional methods] Imhof H, et al. **Radiologe** 1984 Nov;24(11):502-7 (Eng. Abstr.) **(Ger)**

SECRETION

Drugs affecting clearance of middle ear secretions: a perspective for the management of otitis media with effusion. Brown DT, et al. **Ann Otol Rhinol Laryngol [Suppl]** 1985 Mar-Apr;117:3-15

SURGERY

Comparison of three hypotensive anaesthetic methods for middle ear microsurgery. Saarnivaara L, et al. **Acta Anaesthesiol Scand** 1984 Aug;28(4):435-42

Surgical procedure and implanted material description. Lacombe H, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984; 411:20-4

International Conference. The middle ear. Postoperative evaluation: anatomy, pathology, surgery and audiology. Antwerp, June 14-16, 1984. Part I. **Acta Otorhinolaryngol Belg** 1985;39(1):1-208

International conference. The middle ear. Postoperative evaluation: anatomy, pathology, surgery and audiology. Antwerp, June 14-16, 1984. Part II. **Acta Otorhinolaryngol Belg** 1985;39(2):209-415

Open or closed tympanomastoidectomy for cholesteatoma in children. Abramson M. **Am J Otol** 1985 Mar;6(2):167-9

Classification and surgical treatment of fibroadhesive otitis. Charachon R, et al. **Am J Otol** 1985 Jul;6(4):305-10

Tympanoplasty with calcium phosphate. Grote JJ. **Am J Otol** 1985 May;6(3):269-71

The bioactive glass ceramic Ceravital in ear surgery. Five years' experience. Reck R, et al. **Am J Otol** 1985 May; 6(3):280-3

Middle ear surgery in fibrous dysplasia of the temporal bone. Sataloff RT, et al. **Am J Otol** 1985 Mar;6(2):153-6

Cholesteatoma surgery in children. Sheehy JL. **Am J Otol** 1985 Mar;6(2):170-2

Molded tympanic heterograft. An eight-year experience. Zini C, et al. **Am J Otol** 1985 May;6(3):253-6

Surgical obliteration of the tympanomastoid compartment and external auditory canal. Schuknecht HF, et al. **Ann Otol Rhinol Laryngol** 1984 Nov-Dec;93(6 Pt 1):641-5

Review. Six years experience of Plastipore. Kerr AI. **Clin Otolaryngol** 1984 Dec;9(6):361-7

Surgical treatment of cholesteatomatous ear disease. Palva T. **J Laryngol Otol** 1985 Jun;99(6):539-44

The choice of techniques for the surgery of chronic otitis media with cholesteatoma. Portmann M. **J Laryngol Otol** 1985 Jun;99(6):533-7

Experimental investigation of temperature gradients in the inner ear following argon laser exposure. Ricci T, et al. **J Laryngol Otol** 1985 Apr;99(4):359-62

Transcanal management of benign middle ear lesions involving the anterior middle ear cleft. Sooy CD, et al. **Laryngoscope** 1985 Jun;95(6):671-3

Hypotympanotomy retractor. Epley JM. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):470-1

A microbipolar cautery for use in the middle ear. House JL. **Otolaryngol Head Neck Surg** 1985 Feb;93(1):134-5

Validating the excision of cholesteatoma. Schuring AG, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):288-92

[Artificial middle ear prostheses] Grote JJ. **Ned Tijdschr Geneeskd** 1984 Nov 3;128(44):2086-9 (Eng. Abstr.) **(Dut)**

[Controversy--open technic--closed technic. Critical review of the literature and our personal experience] Gersdorff M, et al. **Acta Otorhinolaryngol Belg** 1984;38(6):591-609 (Eng. Abstr.) **(Fre)**

[Reduction of bleeding during microsurgery of the middle ear by amiodarone] Maillet J, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(2):125-8 (Eng. Abstr.) **(Fre)**

[Surgical treatment of cholesteatoma in children] Charachon R, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984; 105(5):465-74 (Eng. Abstr.) **(Fre)**

[Homostatic grafts in otology: experimental study] Cheng HQ, et al. **Rev Laryngol Otol Rhinol (Bord)** 1985; 106(1):37-40 (Eng. Abstr.) **(Fre)**

[Repair of the bony canal in surgery for cholesteatoma] Deguine C, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984; 105(5):461-3 (Eng. Abstr.) **(Fre)**

[5 years of clinical experience with Ceravital prostheses in the middle ear] Reck R. **HNO** 1985 Apr;33(4):166-70 (Eng. Abstr.) **(Ger)**

[Ectopic internal carotid artery in the tympanic cavity. Intraoperative complications and their treatment. A case report] Elies W, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Apr;64(4):202-5 (Eng. Abstr.) **(Ger)**

[When should an ear not be operated on] Plester D. **Laryngol Rhinol Otol (Stuttg)** 1984 Aug;63(8):386-8 (Eng. Abstr.) **(Ger)**

ULTRASTRUCTURE

Ultrastructure of the middle ear mucosa. Hentzer E. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:19-27 (22 ref.)

Tympanosclerosis of the ear drum in secretory otitis media. Møller P. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:171-7

The mucoperiosteum of the middle ear in experimentally induced sterile otitis media. van der Beek JM, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:71-9

Pressure-induced bone resorption in the middle ear. Chole RA, et al. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):165-70

Freeze-replica observations of guinea pig middle ear muscles. Tachibana M, et al. **Auris Nasus Larynx** 1984;11(2):73-7

Porous prostheses: an electron microscopic study. Brennan G, et al. **Clin Otolaryngol** 1984 Aug;9(4):229-33

Ciliary beat frequency of human middle-ear mucosa measured in vitro. Roth Y, et al. **J Laryngol Otol** 1984 Sep;98(9):853-6

A case of carcinoid tumor of the middle ear. Tange RA, et al. **J Laryngol Otol** 1984 Oct;98(10):1021-6

[Nasal ciliary immobility and its otological consequences] Charton J, et al. **Ann Otolaryngol Chir Cervicofac** 1985; 102(2):91-5 (Eng. Abstr.) **(Fre)**

[Primary carcinoid of the middle ear. A case report with reference to light and electron microscopy findings] Manni JJ, et al. **HNO** 1984 Oct;32(10):419-23 (Eng. Abstr.) **(Ger)**

EAR MOLDS see HEARING AIDS

EAR NEOPLASMS

Basal cell carcinoma of the external auditory meatus. Stell PM. **Clin Otolaryngol** 1984 Jun;9(3):187-90

Carcinoma of the external auditory meatus and middle ear. Stell PM. **Clin Otolaryngol** 1984 Oct;9(5):281-99 (92 ref.)

Identification of endolymphatic sac tumors [letter] Hassard AD. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):445

COMPLICATIONS

Osteoma of the middle ear. Cremers CW. **J Laryngol Otol** 1985 Apr;99(4):383-6

A benign middle-ear adenoma producing facial paralysis. Knight JR, et al. **J Laryngol Otol** 1985 Aug;99(8):809-12

Middle-ear lipoma presenting as airways obstruction: case report and review of literature. Stegehuis HR, et al. **J Laryngol Otol** 1985 Jun;99(6):589-91

[Angiomatous malformation of the inner auditory canal with the leading symptoms of vertigo and tinnitus] Penkert G, et al. **HNO** 1985 Jan;33(1):17-22 (Eng. Abstr.) **(Ger)**

CONGENITAL

Cholesteatoma auris congenita arising from microtia. Nishimura Y, et al. **Ann Plast Surg** 1985 Mar;14(3):296-300

DIAGNOSIS

MR imaging of the acoustic nerves and small acoustic neuromas at 0.6 T: prospective study. New PF, et al. **AJR** 1985 May;144(5):1021-6

Glomus tympanicum presenting as Menière's disease [letter] Fitzgerald DC. **Ear Nose Throat J** 1985 Jan;64(1):68

Paraganglioma of the tympanic membrane. Pusalkar A, et al. **J Laryngol Otol** 1985 May;99(5):481-3

Glomus jugulare tumors revisited: a ten-year statistical follow-up of 231 cases. Brown JS. **Laryngoscope** 1985 Mar; 95(3):284-8

Primary melanoma of the middle ear. McKenna EL Jr, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1459-60

Dermoid cyst of the middle ear and mastoid. Fried MP, et al. **Otolaryngol Head Neck Surg** 1984 Oct;92(5):594-6

[False obstructive osteoma of the external auditory canal (fibrous dysplasia of the tympanic ring)] Basset JM, et al. **J Fr Otorhinolaryngol** 1984 Sep;33(7):353-6 **(Fre)**

[Embryonal rhabdomyosarcoma of the middle ear and mastoid simulating chronic otitis media] Shohet I, et al. **Harefuah** 1984 Nov 15;107(10):290-1 (Eng. Abstr.) **(Heb)**

PATHOLOGY

Hypertrophy of the tensor tympani muscle presenting as a middle ear mass. Stankiewicz JA, et al. **Am J Otol** 1985 Mar;6(2):150–2

Benign dermal cylindroma of the external auditory canal: a clinicopathological report. Wolf BA, et al. **Am J Otolaryngol** 1985 Jan–Feb;6(1):35–8

Squamous cell carcinoma of the middle ear. A 25-year retrospective study. Kenyon GS, et al. **Ann Otol Rhinol Laryngol** 1985 May–Jun;94(3):273–7

Pathologic quiz case 2. Benign adenoma of middle ear. Little FB Jr. **Arch Otolaryngol** 1985 May;111(5):346, 347, 348

The formation of ultrastructural epithelial and subepithelial connective tissue changes in experimentally induced cholesteatomas in guinea pigs. Galić M, et al. **Arch Otorhinolaryngol** 1985;241(3):267–70

Glandular tumors of the external auditory canal. Tanaka T, et al. **Hiroshima J Med Sci** 1984 Mar;33(1):17–22

Tumors of ceruminous glands. Lynde CW, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):841–7

Tactile neurofibroma of the stapedial nerve. Van Goethem H, et al. **J Laryngol Otol** 1985 Feb;99(2):187–92

Embryonal rhabdomyosarcoma of the ear: a review of the literature and case history. Wells SC. **J Laryngol Otol** 1984 Dec;98(12):1261–6

Basal lamina breaks in the histogenesis of cholesteatoma. Chole RA, et al. **Laryngoscope** 1985 Mar;95(3):270–5

Dissemination of squamous papilloma by surgical manipulation: a case report. Welsh RL, et al. **Laryngoscope** 1984 Dec;94(12 Pt 1):1568–70

[Primary sarcoma of the middle ear. Apropos of 3 cases] Alvares Cruz N, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(1):47–52 (Eng. Abstr.) (Fre)

[Jugulotympanic paraganglioma] Höfler H, et al. **Wien Klin Wochenschr** 1985 Jun 7;97(12):530–4 (Eng. Abstr.) (Ger)

[A case of malignant melanoma in the external auditory canal followed by systemic vasculitis] Sambe S, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Apr;88(4):455–62 (Eng. Abstr.) (Jpn)

[Rare tumor of the external auditory canal. Ceruminoma] Buruiană M, et al. **Rev Chir [Otorinolaringol]** 1985 Jan–Mar; 30(1):51–5 (Eng. Abstr.) (Rum)

[Malignant melanoma of the external auditory canal treated by cryotherapy] Olariu B, et al. **Rev Chir [Otorinolaringol]** 1984 Oct–Dec;29(4):299–311 (Eng. Abstr.) (Rum)

PREVENTION & CONTROL

[Prevention of the recurrence of cholesteatomas in reconstructive tympanoplasties (apropos of 314 cases)] Paiva A, et al. **An Otorrinolaringol Ibero Am** 1984; 11(4):299–305 (Eng. Abstr.) (Spa)

RADIOGRAPHY

High resolution CT air cisternography in the diagnosis of small and intracanalicular acoustic tumor. Khanjanasthiti P, et al. **J Med Assoc Thai** 1984 Dec;67(12):646–53

Soft-tissue abnormalities of the external auditory canal: subject review of CT findings. Chakeres DW, et al. **Radiology** 1985 Jul;156(1):105–9

SURGERY

Skin cover after petrosectomy. Stell PM. **Clin Otolaryngol** 1985 Apr;10(2):109–12

Basal cell carcinoma [letter] Abedi E, et al. **Ear Nose Throat J** 1984 Oct;63(10):526–7

Punch grafting: an easy office procedure. Cabaniss WH Jr. **J Dermatol Surg Oncol** 1985 May;11(5):509–11

Stellate subperichondrial repair of a double ear cancer. Maliner JS. **J Dermatol Surg Oncol** 1984 Oct;10(10):826–9

CO2 laser treatment of trichoepithelioma with focused and defocused beam. Sawchuk WS, et al. **J Dermatol Surg Oncol** 1984 Nov;10(11):905–7

Reconstruction after temporal bone resection. Tiwari R. **J Laryngol Otol** 1985 Feb;99(2):143–6

[Lower trapezius musculocutaneous flap for the repair of neoplastic loss of substance of the ear] Andrieu-Guitrancourt J, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(7):545–8 (Eng. Abstr.) (Fre)

[Ectopic internal carotid artery in the tympanic cavity. Intraoperative complications and their treatment. A case report] Elies W, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Apr;64(4):202–5 (Eng. Abstr.) (Ger)

[External ear cancer and its surgical treatment] Nischwitz AS. **Z Arztl Fortbild (Jena)** 1985;79(13):569–71 (Ger)

[Cholesteatoma of the middle ear] Preobrazhenskiĭ NA. **Vestn Otorinolaringol** 1984 Nov–Dec;(6):81–4 (Rus)

ULTRASTRUCTURE

Adenomatous tumor of the middle ear. An ultrastructural and immunocytochemical study. McNutt MA, et al. **Am J Clin Pathol** 1985 Oct;84(4):541–7

A case of carcinoid tumor of the middle ear. Tange RA, et al. **J Laryngol Otol** 1984 Oct;98(10):1021–6

Light and electron microscopic studies of a case of middle ear adenoma. Kochilas X, et al. **Laryngoscope** 1984 Nov; 94(11 Pt 1):1482–4

[Primary carcinoid of the middle ear. A case report with reference to light and electron microscopy findings] Manni JJ, et al. **HNO** 1984 Oct;32(10):419–23 (Eng. Abstr.) (Ger)

VETERINARY

Selected oral, pharyngeal, and upper respiratory conditions in the cat. Oral tumors, nasopharyngeal and middle ear polyps, and chronic rhinitis and sinusitis. Bradley RL. **Vet Clin North Am [Small Anim Pract]** 1984 Nov; 14(6):1173–84 (47 ref.)

EAR OSSICLES

see related
STAPES SURGERY

Missing stapes and stapes-replacing prosthesis. Sadé J, et al. **Am J Otol** 1985 May;6(3):257–62

Personal experiences with TORPs and PORPs. A report on 455 operations. Sheehy JL. **Am J Otol** 1985 Jan;6(1):80–3

Arthritis of the middle ear in ankylosing spondylitis [letter] Pascual-Gomez E, et al. **Ann Rheum Dis** 1985 Feb; 44(2):141

[Stapedovestibular otospongiosis beginning in the cochlea. Apropos of 3 cases] Demaldent JE, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(6):445–9 (Eng. Abstr.) (Fre)

[Studies for diagnostic method for ossicular lesions] Kumakawa K. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Nov; 87(11):1538–48 (Eng. Abstr.) (Jpn)

ABNORMALITIES

Duane's syndrome associated with crocodile tear and ear malformation. A case of stapes anomaly and its reconstruction. Tachibana M, et al. **Arch Otolaryngol** 1984 Nov;110(11):761–2

Ossicular chain interruption with present acoustic reflex. Roberto M, et al. **J Laryngol Otol** 1985 Jan;99(1):85–9

[Middle ear malformation with normal external meatus; correlation of ossicular anomalies with anomalies of the auricle, jaw and face] Kumakawa K, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Jan;88(1):30–6 (Eng. Abstr.) (Jpn)

ANALYSIS

Gamma-carboxyglutamate in normal and pathological human middle ear bones. Zajic G, et al. **Arch Otorhinolaryngol** 1984;241(1):51–4

ANATOMY & HISTOLOGY

Structures and relationships of the anterior malleus ligament. Toledo Filho JL, et al. **Anat Anz** 1985;158(1):13–22

[The significance of the position of the stapes in the fossula fenestrae vestibuli in stapedectomy] Verić D, et al. **Srp Arh Celok Lek** 1984 May;112(5):559–66 (Eng. Abstr.) (Scc)

BLOOD SUPPLY

The middle meningeal and stapedial arteries of the rabbit. Tominaga S. **Okajimas Folia Anat Jpn** 1984 Aug; 61(2–3):113–31

Persistence of the stapedial artery: a histopathologic study. Marion M, et al. **Otolaryngol Head Neck Surg** 1985 Jun; 93(3):298–312

INJURIES

Recognition of malleus handle fracture in the differential diagnosis of otologic trauma. Harris JP, et al. **Laryngoscope** 1985 Jun;95(6):665–70

[Traumatic deafness with a surprise. Apropos of a case] Berezin A, et al. **Ann Otolaryngol Chir Cervicofac** 1985; 102(5):381–2 (Fre)

[Isolated fractures of the branches of the stapes. Apropos of 2 cases] Demaldent JE, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(6):467–9 (Eng. Abstr.) (Fre)

[Traumatic lesions of the ossicular chain; apropos of 31 cases] Chobaut JC, et al. **J Fr Otorhinolaryngol** 1984 Oct; 33(8):401–6 (Fre)

METABOLISM

Non-collagen proteins of stapedial bone matrix in perilymph of otosclerotic patients. Gróf J, et al. **Acta Otolaryngol (Stockh)** 1985 May–Jun;99(5–6):557–63

PATHOLOGY

Bone resorption in chronic otitis media. The role of mast cells. Berger G, et al. **Acta Otolaryngol (Stockh)** 1985 Jul–Aug;100(1–2):72–80

Experimental studies on pathology and therapy of otospongiosis. Petrovic AG, et al. **Am J Otol** 1985 Jan; 6(1):43–50

Histopathology of the stapes in osteogenesis imperfecta. Pedersen U, et al. **J Laryngol Otol** 1985 May;99(5):451–8

[Morphologic changes in extracted colla mallei] Navrátil J, et al. **Cesk Otolaryngol** 1985 Jun;34(3):158–62 (Eng. Abstr.) (Cze)

[Involvement of the tympanic membrane and ear ossicle system in ochronotic alkaptonuria] Pau HW. **Laryngol Rhinol Otol (Stuttg)** 1984 Oct;63(10):541–4 (Eng. Abstr.) (Ger)

[Dynamics of bone restructuring in the otosclerotic focus and stapes footplate. Radioisotope studies] Konarska A, et al. **Otolaryngol Pol** 1984;38(3):197–202 (Eng. Abstr.) (Pol)

PHYSIOLOGY

[Evaluation of stapedial reflex parameters in normal subjects] Sellari Franceschini S, et al. **Acta Otorhinolaryngol Ital** 1985 Jan–Feb;5(1):47–57 (Eng. Abstr.) (Ita)

PHYSIOPATHOLOGY

Multiple frequency, multiple component tympanometry: new approaches to an old diagnostic problem. Lilly DJ. **Ear Hear** 1984 Sep–Oct;5(5):300–8 (49 ref.)

RADIOGRAPHY

Computed tomography of the ossicles. Chakeres DW, et al. **Neuroradiology** 1985;27(2):99–107

Use of CT in stapedial otosclerosis. Mafee MF, et al. **Radiology** 1985 Sep;156(3):709–14

Postinflammatory ossicular fixation: CT analysis with surgical correlation. Swartz JD, et al. **Radiology** 1985 Mar; 154(3):697–700

SURGERY

Bioactive ceramics versus proplast implants in ossiculoplasty. Babighian G. **Am J Otol** 1985 Jul;6(4):285–90

Aluminum oxide ceramic ossicular replacement prosthesis. Yamamoto E. **Ann Otol Rhinol Laryngol** 1985 Mar–Apr; 94(2 Pt 1):149–52

A new complication of prosthetic ossicular reconstruction. Jones RO Jr, et al. **Arch Otolaryngol** 1984 Nov; 110(11):757–8

Polyethylene sponge total ossicular replacement prosthesis: a histopathologic study [letter] Palva T, et al. **Arch Otolaryngol** 1984 Nov;110(11):765

Autologous fitted incus versus Plastipore PORP in ossicular chain reconstruction. Sanna M, et al. **J Laryngol Otol** 1985 Feb;99(2):137–41

A five-year follow-up of preformed, autologous ossicles in tympanoplasty. Tjellström A, et al. **J Laryngol Otol** 1985 Aug;99(8):729–33

Peg-tip fixation of Plasti-Pore TORP. Shea JJ, et al. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):279–80

TORPs and PORPs: causes of failure—a report on 446 operations. Sheehy JL. **Otolaryngol Head Neck Surg** 1984 Oct;92(5):583–7

[A single-phase reconstruction of the tympanic membrane and the auditory ossicles] Zelený M, et al. **Cesk Otolaryngol** 1985 Jun;34(3):152–7 (Eng. Abstr.) (Cze)

[Incus ossiculoplasty. 5 years' results] Fombeur JP, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(7):531–4 (Eng. Abstr.) (Fre)

[Toton, a new total prosthesis for replacement of the ossicle chain] Klein M. **Ann Otolaryngol Chir Cervicofac** 1985; 102(5):385–8 (Eng. Abstr.) (Fre)

[Aluminum oxide ceramic implants (Tübigen type) in middle ear surgery. Report of clinical experiences] Zöllner C. **Laryngol Rhinol Otol (Stuttg)** 1985 May;64(5):233–7 (Eng. Abstr.) (Ger)

[Histopathologic findings on proplast and plastipore prostheses] Colletti V, et al. **Acta Otorhinolaryngol Ital** 1984 Nov–Dec;4(6):689–96 (Eng. Abstr.) (Ita)

[Our experience with biocompatible ossicle prostheses] Mallea I, et al. **An Otorrinolaringol Ibero Am** 1985; 12(3):199–207 (Eng. Abstr.) (Spa)

TRANSPLANTATION

Homograft ossicles in middle ear surgery. Wehrs RE. **Am J Otol** 1985 Jan;6(1):33–4

Otology and neurotology. A specific issue and its solution. Removal of human middle ear homografts en bloc. Kochilas XX. **Laryngoscope** 1984 Oct;94(10):1385–6

[Method of tympanoossicular allotransplantation] Nechiporenko VP. **Vestn Otorinolaringol** 1985 Jan–Feb; (1):68–9 (Rus)

ULTRASTRUCTURE

The annular ligament attachment to the normal human stapes footplate. A scanning electron microscopic study. Graham MD. **Ann Otol Rhinol Laryngol** 1985 Mar–Apr;94(2 Pt 1):171–5

Ultrastructural study on the stapes and skin in a case of type I Osteogenesis Imperfecta. Vitellaro-Zuccarello L, et al. **J Submicrosc Cytol** 1984 Oct;16(4):779–86

EAR PROTECTIVE DEVICES see under **PROTECTIVE DEVICES**

EARACHE

DIAGNOSIS

The phantom earache. Temporomandibular joint dysfunction in children. Kramer II, et al. **Am J Dis Child** 1985 Sep; 139(9):943–5

ETIOLOGY

Characteristics of earache among children with acute otitis media. Hayden GF, et al. **Am J Dis Child** 1985 Jul;139(7):721–3

[Atypical otalgia] Kierzek A. **Wiad Lek** 1984 May 15;37(10):788–91 (21 ref.) **(Pol)**

EARLY AMBULATION

Long term survival of patients mobilised early after acute myocardial infarction. West RR, et al. **Br Heart J** 1985 Mar;53(3):243–7

The value of mobilisation and non-steroidal anti-inflammatory analgesia in the management of inversion injuries of the ankle. McCulloch PG, et al. **Br J Clin Pract** 1985 Feb;39(2):69–72

Use of a pylon for early ambulation after below-knee amputation: a preliminary report. Harrington IJ, et al. **Can J Surg** 1984 Sep;27(5):500–2

Assessment of myocardial stress from early ambulatory activities following myocardial infarction. Magder S. **Chest** 1985 Apr;87(4):442–7

Early motion with cast-brace after modified Coventry high tibial osteotomy. Kriegshauser LA, et al. **Clin Orthop** 1985 May;(195):168–72

Early ambulation after minimal incision surgery for calcaneal spurs. Polisner RI. **Clin Podiatry** 1985 Jul;2(3):497–502

Early ambulation after myocardial infarction. The in-patient exercise program. Wenger NK. **Clin Sports Med** 1984 Apr;3(2):333–48

[Early rehabilitation of vascular amputees. Value of the multipurpose prosthesis] Brenot R, et al. **J Mal Vasc** 1984;9(3):215–9 (Eng. Abstr.) **(Fre)**

[Indications and results of early functional vertebral fracture treatment] Kempf L, et al. **Zentralbl Chir** 1985;110(10):592–8 (Eng. Abstr.) **(Ger)**

[Theoretical substantiation of early load and clinical experience with the treatment of crural bone fractures with functional bandages] Korzh AA, et al. **Ortop Travmatol Protez** 1985 Apr;(4):17–23 (Eng. Abstr.) **(Rus)**

EARLY MOBILIZATION see **EARLY AMBULATION**

EARTHWORMS see **OLIGOCHAETA**

EAST COAST FEVER see **THEILERIASIS**

EATING

Food consumption and mouse-killing in Sprague-Dawley rats. Peder MW, et al. **Act Nerv Super (Praha)** 1985 Mar;27(1):1–6

Mechanical feeding difficulties after primary repair of oesophageal atresia. Smith IJ, et al. **Acta Paediatr Scand** 1985 Mar;74(2):237–9

The effects of feeding and fasting on self-stimulation. Angyán L. **Acta Physiol Hung** 1984;63(3–4):185–95

Circadian rhythms of glucose, triiodothyronine and insulin in relation to composition of diet and meal-timing in rats. Kochman E, et al. **Acta Physiol Pol** 1984 May–Jun;35(3):265–75

Utilization of glucose during exercise in relation of meal-timing. Kochman E, et al. **Acta Physiol Pol** 1984 May–Jun;35(3):257–63

Stimulatory effect of intermittent feeding on hemopoietic recovery in sublethally gamma-irradiated mice. Kozubík A, et al. **Acta Radiol [Oncol]** 1985 Mar–Apr;24(2):199–204

Intermittent feeding as a factor enhancing hemopoietic stem cell proliferation and spleen colony formation in irradiated mice. Kozubík A, et al. **Acta Radiol [Oncol]** 1985 Jul–Aug;24(4):357–61

Iron, zinc, and copper balance in short bowel patients on oral nutrition. Engels LG, et al. **Am J Clin Nutr** 1984 Nov;40(5):1038–41

Postprandial energy expenditure and respiratory quotient during early and late pregnancy. Nagy LE, et al. **Am J Clin Nutr** 1984 Dec;40(6):1258–63

Nifedipine reduces the colonic motor response to eating in patients with the irritable colon syndrome. Narducci F, et al. **Am J Gastroenterol** 1985 May;80(5):317–9

Tongue movements in 4- and 5-year-old Down's syndrome children during eating: a comparison with normal children. Gisel EG, et al. **Am J Occup Ther** 1984 Oct;38(10):660–5

Mechanism of intraoral transport in macaques. Franks HA, et al. **Am J Phys Anthropol** 1984 Nov;65(3):275–82

Effect of somatovisceral reflexes and selective dermatomal stimulation on postcibal antral pressure activity. Camilleri M, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G703–8

Effects of sham feeding, bethanechol, and bombesin on somatostatin release in dogs. De Graef J, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G1–7

Palatability and postprandial thermogenesis in dogs. Diamond P, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E75–9

Gastric H+ and HCO3- secretion in response to sham feeding in humans. Feldman M. **Am J Physiol** 1985 Feb;248(2 Pt 1):G188–91

Food intake in diabetic rats: isolation of primary metabolic effects of fat feeding. Friedman MI, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R44–51

Possible mechanisms for the initiation and maintenance of postprandial intestinal hyperemia. Gallavan RH Jr, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):G301–8 (83 ref.)

Food intake and gastric emptying in rats with streptozotocin-induced diabetes. Granneman JG, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R1054–61

Thermic effect of food after ingested versus tube-delivered meals. Hill JO, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E370–4

Human adipose tissue lipoprotein lipase: changes with feeding and relation to postheparin plasma enzyme. Iverius PH, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E107–14

Level of satiety: GABA and pentose shunt activities in three brain sites associated with feeding. Kasser TR, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):R453–8

Level of satiety: fatty acid and glucose metabolism in three brain sites associated with feeding. Kasser TR, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):R447–52

Role of palatability on meal-induced thermogenesis in human subjects. LeBlanc J, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E333–6

A role for vagus nerve in regulation of protein and carbohydrate intake. Li ET, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):E815–21

Peptide YY inhibits meal-stimulated pancreatic and gastric secretion. Pappas TN, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G118–23

Postprandial regulation of intestinal blood flow: role of gastrointestinal hormones. Premen AJ, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G250–5

Insulin increases body fat despite control of food intake and physical activity. Torbay N, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):R120–4

Elevated postprandial insulin levels do not induce satiety in normal-weight humans. Woo R, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R745–9

Effects of jejunoileal bypass on food intake, amino acid levels, and indoleamine metabolism in rats. Herlin PM, et al. **Am J Surg** 1985 Jun;149(6):739–44

Neurotransmitter control of carbohydrate consumption. Wurtman JJ. **Ann NY Acad Sci** 1985;443:145–51

The hormonal regulation of food intake, digestion, and absorption. Nicholl CG, et al. **Annu Rev Nutr** 1985;5:213–39 (178 ref.)

Abstracts: The neural and metabolic bases of feeding. Napa Valley, California, 7–9 October, 1984. A satellite symposium of the 14th annual meeting of the Society for Neuroscience. **Appetite** 1985 Jun;6(2):171–216

Sensory and social influences on ice cream consumption by males and females in a laboratory setting. Berry SL, et al. **Appetite** 1985 Mar;6(1):41–5

Endorphinergic mechanisms in food, salt and water intake: an overview. Cooper SJ, et al. **Appetite** 1984 Mar;5(1):1–6 (37 ref.)

Hepatic control of food intake. Koopmans HS. **Appetite** 1984 Jun;5(2):127–35

Different metabolites might reduce food intake by the mitochondrial generation of reducing equivalents. Langhans W, et al. **Appetite** 1985 Jun;6(2):143–52

Ingestive behaviour in the homeostatic control of internal environment. Le Magnen J. **Appetite** 1984 Jun;5(2):159–67 (42 ref.)

Feeding behavior after hypothalamic 6-hydroxydopamine injections. Leibowitz SF. **Appetite** 1984 Sep;5(3):268–71

Chimpanzee diet––in bad taste? Comment on Rozin and Kennel (1983). McGrew WC. **Appetite** 1985 Mar;6(1):81–4

Pleasantness changes and food intake in a varied four-course meal. Rolls BJ, et al. **Appetite** 1984 Dec;5(4):337–48

Hyperinsulinism and feeding; not all sequences lead to the same behavioral outcome or conclusions. VanderWeele DA. **Appetite** 1985 Mar;6(1):47–52

A role for amine accumulation in the syndrome of ingestive deficits following lateral hypothalamic lesions. Willis GL, et al. **Appetite** 1984 Sep;5(3):239–67, 277–9

Possible role of prostaglandins in the regulation of food intake in the newborn rat. Lal J. **Arch Int Pharmacodyn Ther** 1984 Nov;272(1):140–9

Influence of ingested load on postprandial insulin secretion. Rôle of gastric inhibitory polypeptide (GIP). Beck B, et al. **Arch Int Physiol Biochim** 1985 Jun;93(2):101–6

Toxicologic studies of emissions from a coal gasification process––a chronic feeding study. Rabar I, et al. **Arh Hig Rada Toksikol** 1984 Sep;35(3):255–62

Effect of decreased feed intake on serum and pancreatic alpha-amylase of broiler chickens. Rodeheaver DP, et al. **Avian Dis** 1984 Jul–Sep;28(3):662–8

Trigeminal reflexes and ingestive behavior in the rat. Zeigler HP, et al. **Behav Neurosci** 1984 Dec;98(6):1023–38

Leftovers, body weight and sex of eater. LeBow MD, et al. **Behav Res Ther** 1985;23(2):217

Restraint, obesity and bulimia. Ruderman AJ. **Behav Res Ther** 1985;23(2):151–6

Effect of daily exercise and food intake on leucine oxidation. Lemon PW, et al. **Biochem Med** 1985 Feb;33(1):67–76

Interval between insulin injection and eating in relation to blood glucose control in adult diabetics. Lean ME, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):105–8

Influence of food restriction during rearing on the body composition of layer-strain pullets and hens. Johnson RJ, et al. **Br Poult Sci** 1985 Jul;26(3):335–48

Maturation of brainstem reflex mechanisms in relation to the transition from liquid to solid food ingestion. Thexton AJ, et al. **Brain Behav Evol** 1984;25(2–3):138–45

The neural and metabolic basis of feeding. Satellite symposium of the annual meetings of the Society for Neuroscience. October 7–9, 1984. **Brain Res Bull** 1985 Jun;14(6):503–700

Autonomic and endocrine factors in the regulation of food intake. Bray GA. **Brain Res Bull** 1985 Jun;14(6):505–10 (75 ref.)

Regulation of food intake in human obesity: studies with caloric dilution and exercise. Porikos KP, et al. **Clin Endocrinol Metab** 1984 Nov;13(3):547–61 (63 ref.)

Stimulation by food of peripheral plasma immunoreactive growth hormone releasing factor. Sopwith AM, et al. **Clin Endocrinol (Oxf)** 1985 Mar;22(3):337–40

The meal-related peak in plasma cortisol is not mediated by radioimmunoassayable ACTH. Fehm HL, et al. **Clin Physiol Biochem** 1983;1(6):329–33

Plasma antidiuretic hormone (ADH) concentrations in cattle, during various water and feed regimes. Becker BA, et al. **Comp Biochem Physiol [A]** 1985;81(4):755–9

Comparison of glycogen stores in 3- and 7-month-old lean and obese Zucker rats under fed and fasted conditions. Koubi H, et al. **Comp Biochem Physiol [B]** 1985;81(1):103–10

Meal-stimulated C-peptide and insulin antibodies in type I diabetic subjects and their nondiabetic siblings characterized by HLA-DR antigens. Hoogwerf BJ, et al. **Diabetes** 1985 May;34(5):440–5

Comparison of intraluminal and intravenous mediators of colonic response to eating. Levinson S, et al. **Dig Dis Sci** 1985 Jan;30(1):33–9

Identification of muscarinic receptor subtype mediating colonic response to eating. Narducci F, et al. **Dig Dis Sci** 1985 Feb;30(2):124–8

Transcultural comparison of eating attitudes in young females and anorectic patients. Steinhausen HC. **Eur Arch Psychiatry Neurol Sci** 1984;234(3):198–201

Response of rats to seizure stimulus modified by feeding. Garzón P, et al. **Gen Pharmacol** 1985;16(2):157–60

Influence of fasting and refeeding high forage and all-concentrate diets on beef heifers. Bond J, et al. **Growth** 1984 Autumn;48(3):354–69

Effect of dietary fat on food intake, growth and body composition in rats. Oscai LB, et al. **Growth** 1984 Winter;48(4):415–24

Gastric acid and pancreatic polypeptide responses to modified sham feeding: indication of an increased basal vagal tone in a subgroup of duodenal ulcer patients. Kohn A, et al. **Gut** 1985 Aug;26(8):776–82

Insulin levels, hunger, and food intake: an example of feedback loops in body weight regulation. Rodin J. **Health Psychol** 1985;4(1):1–24

Effects of ventromedial hypothalamic lesions on circadian rhythms in serum insulin, glucose, triglyceride and food intake in rats. Egawa M, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:21–3

Effect of secretin and test meal on parathyroid hormone secretion in normal man and in primary hyperparathyroidism. Williams GA, et al. **Horm Metab Res** 1984 Oct;16(10):555–6

Prediction of weights in humans after overfeeding using the Payne-Dugdale model. Hansen ES, et al. **Hum Nutr Clin Nutr** 1984 Nov;38(6):413–8

Postprandial hyperinsulinemia in patients with mild essential hypertension. Singer P, et al. **Hypertension** 1985 Mar–Apr;7(2):182–6

Weight-reducing diets, the thermic effect of feeding and energy balance in young women. Morgan JB. **Int J Obes** 1984;8(6):629–40

Brain catecholamines and the central control of food intake. Stricker EM, et al. **Int J Obes** 1984;8 Suppl 1:39–50 (64 ref.)

Dysphoric mood and overeating: a test of restraint theory's disinhibition hypothesis. Ruderman AJ. **J Abnorm Psychol** 1985 Feb;94(1):78–85

Effects of level of feed intake on nitrogen, amino acid and energy digestibilities measured at the end of the small intestine and over the total digestive tract of growing pigs. Haydon KD, et al. **J Anim Sci** 1984 Sep;59(3):717–24

Effect of exercise duration on feed intake and body composition of Swiss albino mice. Bulbulian R, et al. **J Appl Physiol** 1985 Feb;58(2):500–5

The ventromedial hypothalamic area and the vagus are neural substrates for anticipatory insulin release. Storlien LH. **J Auton Nerv Syst** 1985 Aug;13(4):303–10

Effect of food intake on urinary excretions of histamine, N tau-methylhistamine, imidazole acetic acid and its conjugate(s) in humans and mice. Imamura I, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1931–7

Influence of food intake on concentrations of plasma catecholamines and cortisol. Knoll E, et al. **J Clin Chem Clin Biochem** 1984 Sep;22(9):597–602

Ultradian oscillations in plasma renin activity: their relationships to meals and sleep stages. Brandenberger G, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):280–4

Contrast analysis for the evaluation of the circadian rhythms of plasma cortisol, androstenedione, and testosterone in normal men and the possible influence of meals. Goldman J, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):164–7

Immunoreactive gastric inhibitory polypeptide response to a meal during the first eighteen months after diagnosis of type 1 (insulin dependent) diabetes mellitus. Krarup T, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):120–5

Effects of postprandial lipemia on plasma cholesterol metabolism. Castro GR, et al. **J Clin Invest** 1985 Mar; 75(3):874–82

Hepatic messenger ribonucleic acid activity profiles in experimental azotemia in the rat. Relationship to food intake and thyroid function. Kinlaw WB, et al. **J Clin Invest** 1984 Dec;74(6):1934–41

Forestomach and whole tract digestibility for lactating dairy cows as influenced by feeding frequency. Robinson PH, et al. **J Dairy Sci** 1985 Apr;68(4):857–67

Water dynamics of dairy cattle as affected by initiation of lactation and feed intake. Woodford ST, et al. **J Dairy Sci** 1984 Oct;67(10):2336–43

Romanomermis culicivorax parasitism and the development, growth, and feeding rates of two mosquito species. Giblin RM, et al. **J Invertebr Pathol** 1985 Jul;46(1):11–9

Plasma cortisol response to feeding in African green vervets. Meis PJ, et al. **J Med Primatol** 1983;12(1):49–52

Morphological basis of the feeding mechanics in the shingle-back lizard Trachydosaurus rugosus (Scincidae, Reptilia). Wineski LE, et al. **J Morphol** 1984 Sep; 181(3):271–95

Variables influencing the effect of a meal on brain tryptophan. Sarna GS, et al. **J Neurochem** 1985 May; 44(5):1575–80

Oxygen consumption in mice (I strain) after feeding. Hoover-Plow J, et al. **J Nutr** 1985 Mar;115(3):303–10

Feeding time differentially affects fattening and growth of channel catfish. Noeske-Hallin TA, et al. **J Nutr** 1985 Sep; 115(9):1228–32

Apnea and bradycardia during feeding [letter] Mathew OP. **J Pediatr** 1984 Nov;105(5):853

Jaw, tongue and hyoid movement––a question of synchrony? Discussion paper. Thexton A. **J R Soc Med** 1984 Dec; 77(12):1010–9

Suppression of postprandial lower esophageal sphincter pressure and pancreatic polypeptide by duodenal exclusion. Maher JW, et al. **J Surg Res** 1984 Dec;37(6):467–71

Food-induced dose dumping of once-a-day theophylline [letter] Hendeles L, et al. **Lancet** 1984 Dec 22; 2(8417–18):1471

Enhancement of colonic motor response to feeding by central endogenous opiates in the dog. Fioramonti J, et al. **Life Sci** 1985 Jul 1;36(26):2509–14

The physiologic interferon response. VI. Interferon activity in human plasma after a meal and drinking. Bocci V, et al. **Lymphokine Res** 1985 Spring;4(2):151–8

Involvement of insulin in the acute thermogenic responses to food and nonmetabolizable substances. Rothwell NJ, et al. **Metabolism** 1985 Jan;34(1):43–7

Feeding the demented elderly [letter] **N Engl J Med** 1984 Nov 22;311(21):1383–4

Hemodynamic and humoral effects of caffeine in autonomic failure. Therapeutic implications for postprandial hypotension. Onrot J, et al. **N Engl J Med** 1985 Aug 29; 313(9):549–54

An investigation of brain reinforcement systems involved in the concurrent self-administration of food, water, and morphine. Dworkin SI, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:165–71

Circadian control of meal timing during temporal isolation. Aschoff J, et al. **Naturwissenschaften** 1984 Oct;71(10):534–5

Difference in sensitivity of the mu and kappa systems in cafeteria rats. Mandenoff A, et al. **Neuropeptides** 1984 Dec; 5(1–3):265–8

Trigeminal sensorimotor mechanisms and ingestive behavior. Zeigler HP, et al. **Neurosci Biobehav Rev** 1984 Fall; 8(3):415–23

Nutrition classics. The Yale Journal of Biology and Medicine. Volume XXIV 1951–1952. Hypothalamic control of food intake in rats and cats. By Bal K. Anand and John R. Brobeck. **Nutr Rev** 1984 Oct;42(10):354–6

Equalized versus ad libitum feeding. Baker DH. **Nutr Rev** 1984 Aug;42(8):269–73 (21 ref.)

Eating attitudes in an adolescent schoolgirl population. Lowe HC, et al. **NZ Med J** 1985 May 8;98(778):330–1

Dose-dependent relationships between Nippostrongylus brasiliensis populations and rat food intake. Ovington KS. **Parasitology** 1985 Aug;91 (Pt 1):157–67

Effects of food intake on CNS activity, psychomotor performance and mood states in healthy volunteers. Sittig W, et al. **Pharmacopsychiatry** 1985 Jan;18(1):123–6

Short-chain polyhydroxymonocarboxylic acids as physiological signals for food intake. Arase K, et al. **Physiol Behav** 1984 Aug;33(2):261–7

Comparison of gastric, duodenal and jejunal contributions to the inhibition of food intake in the rat. Canbeyli RS, et al. **Physiol Behav** 1984 Dec;33(6):951–7

The role of jejunal signals in the long-term regulation of food intake in the rat. Canbeyli RS, et al. **Physiol Behav** 1984 Dec;33(6):945–50

Dietary obesity and exercise in young rats. Hill JO, et al. **Physiol Behav** 1984 Aug;33(2):321–8

Regional hippocampal lesions alter matching by monkeys: an anorexiant effect. Jackson WJ. **Physiol Behav** 1984 Apr; 32(4):593–601

Food intake control and RNA content of hypothalamic neurons in infant rats. Kuchár S, et al. **Physiol Behav** 1984 Aug;33(2):169–72

Effect of CCK antibodies on food intake and weight gain in Zucker rats. McLaughlin CL, et al. **Physiol Behav** 1985 Feb;34(2):277–82

Tail pinch induced eating: psychogenetic comparison of Roman high- and low-avoidance rats. Martin JR. **Physiol Behav** 1984 Dec;33(6):985–7

Area postrema lesions cause overconsumption of palatable foods but not calories. Ritter RC, et al. **Physiol Behav** 1984 Jun;32(6):923–7

Effects of chronic cold exposure on wheel running, food intake and fatty acid synthesis in Syrian hamsters. Rowland N. **Physiol Behav** 1984 Aug;33(2):253–6

Metabolic fuel homeostasis in Syrian hamsters: nycthemeral and exercise variables. Rowland N. **Physiol Behav** 1984 Aug;33(2):243–52

Food intake during tumor growth: anorexia in genetically obese ob/ob mice and hyperphagia in lean mice. Thompson CI, et al. **Physiol Behav** 1984 Jun;32(6):935–9

Regulation of energy balance. Bray GA. **Physiologist** 1985 Jun;28(3):186–92

Relationship between activity at a young age and feed efficiency in chickens. Akbar MK, et al. **Poult Sci** 1985 Jul;64(7):1402–4

The effect of cyclic and constant ambient temperatures on feed consumption, egg production, egg weight, and shell thickness of hens. Emery DA, et al. **Poult Sci** 1984 Oct; 63(10):2027–35

Genetic variation in body size, composition, temperature, and feed intake in mature chickens. Hocking PM, et al. **Poult Sci** 1985 Jan;64(1):6–28

Intakes of feed and water following restriction in selected and nonselected broilers. Marks HL, et al. **Poult Sci** 1984 Dec;63(12):2307–17

Sexual dimorphism in early feed and water intake of broilers. Marks HL. **Poult Sci** 1985 Mar;64(3):425–8

Energy and protein relationships in the broiler. 1. Effect of protein levels and feeding regimens on growth, body composition, and in vitro lipogenesis of broiler chicks. Rosebrough RW, et al. **Poult Sci** 1985 Jan;64(1):119–26

Effect of starvation-refeeding and an exogenous glucocorticoid on carbohydrate metabolism in chick liver. Rosebrough RW, et al. **Poult Sci** 1984 Dec;63(12):2444–9

The factor structure of the Eating Attitudes Test with adolescent schoolgirls. Wells JE, et al. **Psychol Med** 1985 Feb;15(1):141–6

Physiology of drinking elicited by eating. Kraly FS. **Psychol Rev** 1984 Oct;91(4):478–90

Mealtime arterial O2 saturation in COPD [letter] Castaldo WA, et al. **South Med J** 1984 Oct;77(10):1347

Surgical sympathectomy increases pancreatic polypeptide response to food. Larson GM, et al. **Surgery** 1985 Aug; 98(2):236–42

Measurement of solid feed consumption patterns in neonatal rats by 141Ce-radiolabeled microspheres. Hanley TR Jr, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):496–500

Effect of feeding on the fate of orally administered phenylbutazone, trimethoprim and sulphadiazine in the horse. Bogan JA, et al. **Vet Rec** 1984 Dec 8;115(23):599–600

The influence of environmental factors upon induced compensatory hyperplasia in the rat liver. Alison MR, et al. **Virchows Arch [Cell Pathol]** 1985;48(2):167–73

Pancreatic polypeptide response to sham feeding in man. Koop H, et al. **Z Gastroenterol** 1984 Aug;22(8):394–9

[Neurochemical mechanism of the central control of feeding] Jiang LH, et al. **Sheng Li Ko Hsueh Chin Chan** 1984 Apr; 15(2):120–5 **(Chi)**

[Histo-autoradiographic study of the secretion of gastric mucus in the rat stomach. II. Role of feeding and its combination with an antacid] Rateau JG, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Jun;21(3):167–70 (Eng. Abstr.) **(Fre)**

[Importance of the cholinergic nervous system in the postprandial secretion of insulin in dogs] Chenon D, et al. **C R Soc Biol (Paris)** 1984;178(3):307–12 (Eng. Abstr.) **(Fre)**

[Colonic myoelectric activity during fasting and postprandial periods in healthy subjects and colonopathic patients] Dapoigny M, et al. **Gastroenterol Clin Biol** 1985 Mar; 9(3):223–7 (Eng. Abstr.) **(Fre)**

[Sex-specific differences in food intake, body weight and parameters of lipid metabolism (HDL-cholesterol, total cholesterol and triglycerides) in rats under various feeding conditions] Kahl PE, et al. **Biomed Biochim Acta** 1984; 43(11):1241–9 (Eng. Abstr.) **(Ger)**

[Alcohol kinetics and constitution types with special reference to its modification by food intake. Experimental studies using parenteral alcohol administration] Schmidt V, et al. **Blutalkohol** 1985 May;22(3):224–32 (Eng. Abstr.) **(Ger)**

[Eating epilepsy] Gyuris J, et al. **Orv Hetil** 1984 Nov 25; 125(48):2937–9 (Eng. Abstr.) **(Hun)**

[Geographical difference of mortality of digestive cancers and food consumption] Hara N, et al. **Gan No Rinsho** 1984 Oct;30(13):1665–74 (Eng. Abstr.) **(Jpn)**

[Effects of feeding on portal blood flow in patients with chronic liver diseases. Quantitative measurements using an ultrasonic duplex system composed of an electronic B-mode scanner and pulsed Doppler flowmeter] Moriyasu F, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Nov; 81(11):2767–74 (Eng. Abstr.) **(Jpn)**

[Effect of a meal on the results of the Master test and the degree of electrocardiographic features of ischemia in patients with chronic coronary disease and normal rest electrocardiogram] Kedra AW. **Kardiol Pol** 1984; 27(4):317–23 (Eng. Abstr.) **(Pol)**

[Effect of meals on the cardiovascular system in ischemic heart disease] Kudlicki J, et al. **Kardiol Pol** 1984; 27(4):329–33 (37 ref.) **(Pol)**

[Clinical picture of late postprandial hypoglycemia] Janjić M. **Vojnosanit Pregl** 1984 Sep–Oct;41(5):346–55 (Eng. Abstr.) **(Ser)**

[Regulation of food intake in ruminants] Koppel J, et al. **Cesk Fysiol** 1985;34(3):215–28 **(Slo)**

[Level of food consumption and its possible role in the development of protein-calorie malnutrition in hospitalized gastroenterology patients] Gassull MA, et al. **Med Clin (Barc)** 1985 Jun 15;85(3):85–7 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Acute and chronic gastrin-releasing peptide decreases food intake in baboons. Figlewicz DP, et al. **Am J Physiol** 1985 May;248(5 Pt 2):R578–83

Capsaicin pretreatment attenuates suppression of food intake by cholecystokinin. Ritter RC, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):R501–4

Effects of pancreatic polypeptide, caerulein, and bombesin on satiety in obese mice. Taylor IL, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G277–80

Vasopressin effects on food-rewarded learning tasks might be due to its action on carbohydrate/lipid metabolism, not memory. Crine AF. **Appetite** 1984 Sep;5(3):233–8

Dual action of naloxone on feeding revealed by behavioural analysis: separate effects on initiation and termination of eating. Kirkham TC, et al. **Appetite** 1984 Mar;5(1):45–52

Ventromedial and lateral hypothalamic injections of naloxone or naltrexone suppress the acute food intake of food-deprived rats. Thornhill JA, et al. **Appetite** 1984 Mar; 5(1):25–30

Effects of continuous long-term intravenous infusion of long-chain fatty acids on feeding behaviour and blood components of adult sheep. Vandermeerschen-Doizé F, et al. **Appetite** 1984 Jun;5(2):137–46

Changes in meal pattern and endogenous feeding related substances following mazindol administration. Sakata T, et al. **Arch Int Pharmacodyn Ther** 1984 Jul;270(1):11–28

Suppression of food and water intake after intracerebroventricular infusion of morphine and naloxone in rabbits. Konecka AM, et al. **Arch Int Physiol Biochim** 1984 Oct;92(3):219–26

Suppression of eating by fenfluramine in patients with bulimia nervosa. Robinson PH, et al. **Br J Psychiatry** 1985 Feb; 146:169–76

Effects on voluntary food intake of infusions of glucose and amino acids into the hepatic portal vein of chickens. Shurlock TG, et al. **Br Poult Sci** 1984 Jul;25(3):303–8

Induction of a pause in laying by corticosterone infusion or dietary alterations: effects on the reproductive system, food consumption and body weight. Williams JB, et al. **Br Poult Sci** 1985 Jan;26(1):25–34

Clonidine-induced feeding: analysis of central sites of action and fiber projections mediating this response. McCabe JT, et al. **Brain Res** 1984 Aug 20;309(1):85–104

Chronic infusion of norepinephrine and clonidine into the hypothalamic paraventricular nucleus. Lichtenstein SS, et al. **Brain Res Bull** 1984 Oct;13(4):591–5

Interaction of mercury and water deprivation on growth, feed consumption, and mortality in chickens. Grissom RE Jr, et al. **Bull Environ Contam Toxicol** 1984 Sep; 33(3):317–24

Calcitonin gene-related peptide mimics calcitonin actions in brain on growth hormone release and feeding. Tannenbaum GS, et al. **Endocrinology** 1985 Jun;116(6):2685–7

Chlordiazepoxide-induced hyperphagia in non-food-deprived rats: effects of Ro15-1788, CGS 8216 and ZK 93 426. Cooper SJ, et al. **Eur J Pharmacol** 1985 May 28;112(1):39–45

Involvement of endogenous enkephalins in the feeding response to diazepam. Jackson HC, et al. **Eur J Pharmacol** 1985 Jan 8;107(3):339–91

The kappa opioid receptor and food intake. Morley JE, et al. **Eur J Pharmacol** 1985 May 28;112(1):17–25

Effects of intratracheal administration of bleomycin or saline in pair-fed and control-fed hamsters on daily food intake and on plasma levels of glucose, cortisol, and insulin, and lung levels of calmodulin, calcium, and collagen. Giri SN, et al. **Exp Mol Pathol** 1985 Apr;42(2):206–19

d-Fenfluramine and salbutamol: two drugs causing anorexia through different neurochemical mechanisms. Garattini S, et al. **Int J Obes** 1984;8 Suppl 1:151–7

Two novel agents affecting eating through an action on monoaminergic systems. Roncucci R, et al. **Int J Obes** 1984; 8 Suppl 1:103–17

The alimentary canal, liver and vagus play a role in short-term feeding: but is the role regulation, correlation, glucostasis or spurious association? Vanderweele DA. **Int J Obes** 1984;8 Suppl 1:51–63 (62 ref.)

d-Fenfluramine selectively decreases carbohydrate but not protein intake in obese subjects. Wurtman JJ, et al. **Int J Obes** 1984;8 Suppl 1:79–84

Effect of quantity and route of administration of manganese monoxide on feed intake and serum manganese in ruminants. Black JR, et al. **J Dairy Sci** 1985 Feb;68(2):433–6

The effects of phenylpropanolamine and other sympathomimetics on food consumption and motor activity in mice. Cairns MJ, et al. **J Pharm Pharmacol** 1984 Oct; 36(10):704–6

The role of opioid receptor sub-types in tifluadom-induced feeding. Jackson HC, et al. **J Pharm Pharmacol** 1984 Oct; 36(10):683-6

Adrenal function affects morphine-induced feeding during dark period, but not during light period in rats. Kunihara M, et al. **Jpn J Pharmacol** 1984 Sep;36(1):67-75

Suppression of operant responding for food and water reinforcement following intraventricular injections of Bombesin in the rat. Babcock AM, et al. **Life Sci** 1985 Mar 11;36(10):981-5

Nocturnal feeding in the mouse—opiate and pineal influences. Kavaliers M, et al. **Life Sci** 1985 Mar 11;36(10):973-80

The ability of certain anorexic drugs to suppress food consumption depends on the nutrient composition of the test diet. Moses PL, et al. **Life Sci** 1984 Sep 17; 35(12):1297-300

Effects of systemic or intracerebroventricular naloxone injection on basal and 2-deoxy-D-glucose-induced ingestive behavior. Pénicaud L, et al. **Life Sci** 1984 Dec 3;35(23):2297-302

Neuropeptide Y: stimulation of feeding and drinking by injection into the paraventricular nucleus. Stanley BG, et al. **Life Sci** 1984 Dec 24;35(26):2635-42

Stimulation of food intake in rats by centrally administered hypothalamic growth hormone-releasing factor. Vaccarino FJ, et al. **Nature** 1985 Mar 14-20;314(6007):167-8

Some aspects of feeding and locomotor activity in adult rats exposed to tetraethyl lead. Czech DA, et al. **Neurobehav Toxicol Teratol** 1984 Sep-Oct;6(5):357-61

Effects of triethyltin and its interaction with d-amphetamine and chlorpromazine on responding under a multiple schedule of food presentation in rats. Rastogi SK, et al. **Neurobehav Toxicol Teratol** 1985 May-Jun;7(3):239-42

Inhibitory influences of FMRFamide on morphine- and deprivation-induced feeding. Kavaliers M, et al. **Neuroendocrinology** 1985 Jun;40(6):533-5

Effects of intracerebroventricular injection of naloxone on operant feeding and drinking in pigs. Baldwin BA, et al. **Pharmacol Biochem Behav** 1985 Jan;22(1):37-40

Differential inhibition by propranolol of feeding induced in rats by various stimuli. Bryant HU, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):651-4

Dopamine-beta-hydroxylase inhibitors, feeding and locomotor activity: reinstatement of feeding following central norepinephrine. Evans KR, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):535-40

Changes in brain monoamine levels of rats during cholecystokinin octapeptide-induced suppression of feeding. Kádár T, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):339-44

Norepinephrine-facilitated eating: reduction in saccharin preference and conditioned flavor preferences with increase in quinine aversion. Matthews JW, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):1045-52

Administration of small doses of apomorphine attenuates feeding in non-deprived pigeons. Deviche P. **Physiol Behav** 1984 Oct;33(4):581-5

Food consumption, plasma glucose and stomach-emptying in insulin-injected hamsters. DiBattista D. **Physiol Behav** 1984 Jul;33(1):13-20

Effects of stereoisomers of estradiol on food intake, body weight and hoarding behavior in female rats. Donohoe TP, et al. **Physiol Behav** 1984 Apr;32(4):589-92

Dietary obesity: effects of drugs on food intake in S 5B/P1 and Osborne-Mendel rats. Fisler JS, et al. **Physiol Behav** 1985 Feb;34(2):225-31

Opiate induced feeding is not dependent on the hippocampus. Gosnell BA, et al. **Physiol Behav** 1984 Jul;33(1):27-30

Effects of oral chemical irritation on taste. Lawless H, et al. **Physiol Behav** 1984 Jun;32(6):995-8

Increased sensitivity of Zucker obese rats to naloxone is present at weaning. McLaughlin CL, et al. **Physiol Behav** 1984 Jun;32(6):929-33

Opioid modulation of ingestive behaviors in woodchucks and racoons. Nizielski SE, et al. **Physiol Behav** 1985 Feb; 34(2):171-6

Effect of l-dopa or bromocriptine on feeding and motor behavior of rats with lesions in the globus pallidus. Palfai T, et al. **Physiol Behav** 1984 Aug;33(2):283-9

Alleviation in the rat of a GABA-induced reduction in food intake and growth. Tews JK, et al. **Physiol Behav** 1984 Jul;33(1):55-63

Bilateral lesions of the SCN abolish lipolytic and hyperphagic responses to 2DG. Yamamoto H, et al. **Physiol Behav** 1984 Jun;32(6):1017-20

Effect of intracerebroventricular glucose injection on feeding in Leghorn chicks. Denbow DM, et al. **Poult Sci** 1985 Mar; 64(3):550-4

Food and water intake of broiler chicks as affected by intracerebroventricular injections of cholinomimetics. Denbow DM, et al. **Poult Sci** 1985 May;64(5):991-4

Effect of intrahepatic glucose infusions on feeding in heavy and light breed chicks. Lacy MP, et al. **Poult Sci** 1985 Apr;64(4):751-6

Choline and methionine supplementation of layer diets varying in protein content. Parsons CM, et al. **Poult Sci** 1984 Aug;63(8):1604-9

Peptide-catecholamine interaction: feeding and satiety. Myers RD. **Psychopharmacol Bull** 1985;21(3):406-11

Chlordiazepoxide-induced hyperphagia in rats: lack of effect of GABA agonists and antagonists. Sanger DJ. **Psychopharmacology (Berlin)** 1984;84(3):388-92

Influence of intraduodenal glucose on meal size and its modification by 2-deoxy-D-glucose or vagotomy in hungry pigs. Stephens DB. **Q J Exp Physiol** 1985 Jan; 70(1):129-35

Delayed wasting syndrome and alterations of liver gluconeogenic enzymes in rats exposed to the TCDD congener 3,3', 4,4'-tetrachloroazoxybenzene. Hsia MT, et al. **Toxicol Lett** 1985 Jun;25(3):247-58

Effect of tylosin on milk yield and dry matter intake of lactating dairy cows. Mackinnon JD, et al. **Vet Rec** 1984 Sep 15;115(11):278

[Mannich's compounds on the basis of benzothiazole as a potential anorectic] Holbová E, et al. **Cesk Farm** 1984 Jul; 33(6):230-4 (Eng. Abstr.) **(Cze)**

[Dietary methionine supplementation in the pregnant rat. 1. Food intake of the dam and body weight of the newborn offspring] Leclerc J. **Int J Vitam Nutr Res** 1985;55(1):103-6 (Eng. Abstr.) **(Fre)**

RADIATION EFFECTS

Enteral nutrition support in head and neck cancer: tube vs. oral feeding during radiation therapy. Hearne BE, et al. **J Am Diet Assoc** 1985 Jun;85(6):669-74, 677

EATING BEHAVIOR see **FEEDING BEHAVIOR**

EATING DISORDERS see **APPETITE DISORDERS**

EATON AGENT see **MYCOPLASMA**

EBOLA VIRUS see under **RHABDOVIRIDAE**

EBSTEIN'S ANOMALY

CHEMICALLY INDUCED

Maternal lithium and neonatal Ebstein's anomaly: evaluation with cross-sectional echocardiography. Long WA, et al. **Am J Perinatol** 1984 Jan;1(2):182-4

COMPLICATIONS

Coronary sinus type atrial septal defect in a child with pulmonary atresia and Ebstein's anomaly. Russell GA, et al. **Br Heart J** 1985 Apr;53(4):465-7

Anaesthesia for caesarean section in a pre-eclamptic patient with Ebstein's anomaly. Halpern S, et al. **Can Anaesth Soc J** 1985 May;32(3 Pt 1):244-7

Recurrent ectopic junctional tachycardia in Ebstein's anomaly. Case report of a 67-year-old man. Matsuyama K, et al. **Jpn Circ J** 1985 Apr;49(4):456-61

[Ebstein's disease associated with Fallot's tetralogy. Apropos of a familial case, review of the literature, embryologic and genetic implications] Davido A, et al. **Arch Mal Coeur** 1985 May;78(5):752-6 (Eng. Abstr.) **(Fre)**

[Massive pulmonary embolism in a patient with Ebstein's anomaly] Nakano T, et al. **Kokyu To Junkan** 1985 May; 33(5):695-8 (Eng. Abstr.) **(Jpn)**

[A successfully treated case of Wolff-Parkinson-White syndrome with Ebstein's anomaly complicated with protein-losing gastroenteropathy] Kiyohara K, et al. **Nippon Geka Gakkai Zasshi** 1984 Jun;85(6):605-10 (Eng. Abstr.) **(Jpn)**

[Ebstein's anomaly associated with pulmonary stenosis] Makhmudov MM, et al. **Kardiologiia** 1984 Jul;24(7):41-5 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Echocardiographic diagnosis of overriding tricuspid valve in a child with Ebstein's anomaly. Gussenhoven EJ, et al. **Pediatr Cardiol** 1984 Jul-Sep;5(3):209-11

[Echocardiographic diagnosis in diseases of the tricuspid valve] Wester HA. **Fortschr Med** 1984 Dec 13; 102(46):1181-4 (Eng. Abstr.) **(Ger)**

[Diagnostic significance of the echocardiographic crux cordis in complex congenital cardiopathies. I. Ebstein's anomaly, malformations of the atrioventricular canal] Magherini A. **Boll Soc Ital Cardiol** 1984 Nov;29(11):591-6 **(Ita)**

[Problems in the differential diagnosis of Ebstein's anomaly] Cižmárová E, et al. **Cesk Pediatr** 1984 Oct;39(10):567-72 (Eng. Abstr.) **(Slo)**

[Ebstein's anomaly. Prenatal diagnosis with bidimensional echocardiography] Ardura J, et al. **An Esp Pediatr** 1984 Dec;21(9):793-7 (Eng. Abstr.) **(Spa)**

EMBRYOLOGY

Ebstein's malformation and the embryological development of the tricuspid valve. With a note on the nature of 'clefts' in the atrioventricular valves. Zuberbuhler JR, et al. **Pediatr Cardiol** 1984;5(4):289-95

FAMILIAL & GENETIC

Persistent atrial standstill in familial Ebstein's anomaly. Piérard LA, et al. **Br Heart J** 1985 Jun;53(6):594-7

PATHOLOGY

A case of Ebstein anomaly. Panabokke RG, et al. **Ceylon Med J** 1983 Dec;28(4):243-5

Aortic atresia with Ebstein's and Uhl's anomaly in corrected transposition of the great arteries: clinicopathologic findings. Matsukawa T, et al. **Jpn Circ J** 1985 Mar; 49(3):325-8

[Extreme Ebstein's anomaly] Reinhold-Richter L. **Zentralbl Allg Pathol** 1984;129(3):189-93 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Cardiorespiratory response to exercise in Ebstein's anomaly. Barber G, et al. **Am J Cardiol** 1985 Sep 15;56(8):509-14

RADIONUCLIDE IMAGING

Value of radionuclide angiogram for the diagnosis of Ebstein's anomaly. Gould L, et al. **Angiology** 1984 Dec; 35(12):785-9

SURGERY

Surgical repair of Ebstein's anomaly: selection of patients and early and late operative results. Mair DD, et al. **Circulation** 1985 Sep;72(3 Pt 2):II70-6

[An interesting case of Ebstein's anomaly successfully operated on in a 17-year-old boy] Krčílková M, et al. **Sb Lek** 1984 Dec;86(11-12):375-83 (Eng. Abstr.) **(Cze)**

[Simultaneous surgery for 5-month-old infant with Wolff-Parkinson-White syndrome and Ebstein's anomaly] Ushijima S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jun;32(6):938-43 (Eng. Abstr.) **(Jpn)**

[A case report of type B WPW syndrome with Ebstein's anomaly; division of Kent bundle by epicardial approach] Yamaguchi A, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Feb;33(2):260-4 (Eng. Abstr.) **(Jpn)**

[Late results of tricuspid valve replacement with biological prostheses in Ebstein's anomaly] Bukharin VA, et al. **Grudn Khir** 1985 May-Jun;(3):34-40 (Eng. Abstr.) **(Rus)**

[Radical surgical correction of Ebstein's anomaly; experience with 54 tricuspid valve prostheses] Burakovskiĭ VI, et al. **Grudn Khir** 1984 Nov-Dec;(6):5-10 (Eng. Abstr.) **(Rus)**

[Case of successful replacement of an earlier implanted xenoaortic prosthesis in Ebstein's anomaly] Podzolkov VP, et al. **Grudn Khir** 1984 Sep-Oct;(5):84-6 **(Rus)**

EBV see **EPSTEIN-BARR VIRUS**

EC-IC ARTERIAL BYPASS see **CEREBRAL REVASCULARIZATION**

ECCENTRO-OSTEOCHONDRODYSPLASIA see **MUCOPOLYSACCHARIDOSIS 4**

ECCHYMOSIS

see related
PURPURA

CHEMICALLY INDUCED

Cutaneous manifestations of intravenous vasopressin therapy. Thomas TK. **Am J Gastroenterol** 1985 Sep;80(9):704-5

ETIOLOGY

Eyelid ecchymosis and proptosis in lymphangioma. Dryden RM, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):486-7

Subcutaneous hemorrhage in a patient receiving anticoagulant therapy: an unusual EMG complication. Butler ML, et al. **Arch Phys Med Rehabil** 1984 Nov; 65(11):733-4

The incidence and prognosis of body wall ecchymosis in acute pancreatitis. Dickson AP, et al. **Surg Gynecol Obstet** 1984 Oct;159(4):343-7

Neonatal genital trauma. Finan BF, et al. **Urology** 1985 May; 25(5):532-3

[Bruising: a coagulation disorder, abuse or abnormality of the vessel wall?] Van Oostrom CG, et al. **Tijdschr Kindergeneeskd** 1984 Aug;52(4):152-5 (Eng. Abstr.) **(Dut)**

[Suffused ecchymosis of the palate caused by fellatio] Aloi FG. **G Ital Dermatol Venereol** 1984 Sep-Oct;119(5):351-2 (Eng. Abstr.) **(Ita)**

MICROBIOLOGY

[Ecchymotic cellulitis (letter)] Boillot F, et al. **Arch Fr Pediatr** 1985 Apr;42(4):334 (Fre)

ECCRINE GLANDS see under **SWEAT GLANDS**

ECDYSONE

ANALOGS & DERIVATIVES

Conversion of a radiolabelled ecdysone precursor, 2,22,25-trideoxyecdysone, by embryonic and larval tissues of Locusta migratoria. Meister MF, et al. **Mol Cell Endocrinol** 1985 Jun;41(1):27-44

BIOSYNTHESIS

Conversion of a radiolabelled ecdysone precursor, 2,22,25-trideoxyecdysone, by embryonic and larval tissues of Locusta migratoria. Meister MF, et al. **Mol Cell Endocrinol** 1985 Jun;41(1):27-44

The role of cyclic AMP in the regulation of ecdysone synthesis. Smith WA, et al. **Mol Cell Endocrinol** 1984 Oct; 37(3):285-94

Calcium-cyclic AMP interactions in prothoracicotropic hormone stimulation of ecdysone synthesis. Smith WA, et al. **Mol Cell Endocrinol** 1985 Jan;39(1):71-8

ISOLATION & PURIFICATION

Ecdysone conjugates: isolation and identification. Hetru C, et al. **Methods Enzymol** 1985;111:411-9

METABOLISM

Effects of eyestalk removal on cholesterol uptake and ecdysone secretion by crab (Cancer antennarius) Y-organs in vitro. Watson RD, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):360-70

Stress reduces hemolymph ecdysteroid levels in the crab: mediation by the eyestalks. Mattson MP, et al. **J Exp Zool** 1985 May;234(2):319-23

Apolar ecdysteroid esters in adult female crickets, Gryllus bimaculatus. Hoffmann KH, et al. **Life Sci** 1985 Jul 15; 37(2):185-92

Uptake and metabolism of [3H]ecdysone in cultured ovaries of the silkworm, Bombyx mori. Ogiso M, et al. **Mol Cell Endocrinol** 1984 Nov;38(1):13-9

PHARMACODYNAMICS

Induction of apolysis and cuticle formation in female Ornithodoros parkeri (Acari: Argasidae) by hemocoelic injections of beta-ecdysone. Pound JM, et al. **J Med Entomol** 1984 Sep 28;21(5):612-4

[Combined effect of heat shock and ecdysone on the transcription of Drosophila melanogaster polytene chromosomes] Evgen'ev MB, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):483-8 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Ascaris suum: role of ecdysteroids in molting. Fleming MW. **Exp Parasitol** 1985 Oct;60(2):207-10

ECDYSTERONE

METABOLISM

Ecdysteroid metabolism by soluble enzymes from an insect. Metabolic relationships between 3 beta-hydroxy-, 3 alpha-hydroxy- and 3-oxoecdysteroids. Blais C, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jul;365(7):809-17

PHARMACODYNAMICS

Induction of selective phosphorylation of a fat body protein of Sarcophaga peregrina larvae by 20-hydroxyecdysone. Itoh K, et al. **Biochem J** 1985 Apr 15;227(2):683-8

Alterations in rat lipid metabolism following ecdysterone treatment. Catalán RE, et al. **Comp Biochem Physiol [B]** 1985;81(3):771-5

Ecdysterone selectively stimulates the expression of a 23000-Da heat-shock protein-beta-galactosidase hybrid gene in cultured Drosophila cells. Lawson R, et al. **Dev Biol** 1985 Aug;110(2):321-30

Ecdysteroids accelerate mitoses in accessory glands of beetle pupae. Szopa TM, et al. **Dev Biol** 1985 Feb;107(2):325-36

Regulation of hemoglobin synthesis by ecdysterone and juvenile hormone during development of Chironomus thummi (Diptera). Vafopoulou-Mandalos X, et al. **Differentiation** 1984;27(2):94-105

Steroid and high-temperature induction of the small heat-shock protein genes in Drosophila. Vitek MP, et al. **J Mol Biol** 1984 Sep 15;178(2):173-89

Biochemical changes in testis and ovary of Chrysocoris stolli Wolf. after the application of juvenoid and ecdysterone. Saha LM, et al. **Rev Esp Fisiol** 1985 Jun;41(2):249-58

Steroid-dependent survival of identifiable neurons in cultured ganglia of the moth Manduca sexta. Bennett KL, et al. **Science** 1985 Jul 5;229(4708):58-60

Lamellar bodies in differentiating insect tissues during basal lamina formation as revealed by tannic acid. Lai-Fook J. **Tissue Cell** 1984;16(6):909-16

PHYSIOLOGY

Ascaris suum: role of ecdysteroids in molting. Fleming MW. **Exp Parasitol** 1985 Oct;60(2):207-10

Brain-mediated 20-hydroxyecdysone regulation of juvenile hormone synthesis by the corpora allata of the tobacco hornworm, Manduca sexta. Whisenton LR, et al. **Gen Comp Endocrinol** 1985 May;58(2):311-8

Drosophila cells and ecdysterone: a model system for gene regulation. Berger EM, et al. **In Vitro** 1984 Dec; 20(12):959-74 (81 ref.)

Transcription of Drosophila small hsp-tk hybrid genes is induced by heat shock and by ecdysterone in transfected Drosophila cells. Morganelli CM, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5865-9

ECHIDNA see under **MONOTREMATA**

ECHINOCOCCOSIS

Trends in research on cestode infections. A symposium held at the Liverpool School of Tropical Medicine, 22-23 November 1983. **Ann Trop Med Parasitol** 1984 Jun; 78(3):182-263

Human hydatidosis in Ethiopia. Makuria T. **Ethiop Med J** 1985 Apr;23(2):81-7

Pleural hydatidosis. Sinha RN, et al. **J Indian Med Assoc** 1984 Oct;82(10):371-2

[Hydatid cysts of the breast] Roček V, et al. **Rozhl Chir** 1984 Jul;63(7):487-9 (Eng. Abstr.) **(Cze)**

[Round table on intrathoracic echinococcosis] **Ann Chir** 1983 Mar;37(2):73-121 **(Fre)**

[2 cases of hydatidosis in the Republic of Niger] Develoux M, et al. **Bull Soc Pathol Exot Filiales** 1985;78(2):216-20 (Eng. Abstr.) **(Fre)**

[Hydatid cyst of the thyroid. Apropos of 2 cases] Lamhamedi A, et al. **J Chir (Paris)** 1985 Apr;122(4):261-3 (Eng. Abstr.) **(Fre)**

[Echinococcosis in gynecologic locations] Gavorník E, et al. **Bratisl Lek Listy** 1985 Feb;83(2):166-71 (Eng. Abstr.) **(Slo)**

COMPLICATIONS

Hydatid disease of the spine causing paraplegia. The combined treatment by surgical drainage and mebendazole: a case report. Porat S, et al. **Spine** 1984 Sep;9(6):648-53

Acute cholangitis caused by ruptured hydatid cyst [letter] Moreno VF, et al. **Surgery** 1985 Feb;97(2):249

Acquired von Willebrand's syndrome associated with hydatid disease of the spleen--disappearance after splenectomy. Richard C, et al. **Thromb Haemost** 1984 Aug 31;52(1):90-3

[Acute abdomen caused by ruptured echinococcal cyst] Lundhus E, et al. **Ugeskr Laeger** 1985 Jan 7;147(2):107-8 (Eng. Abstr.) **(Dan)**

[A rare cause of Foster Kennedy syndrome: cerebral hydatidosis] Le Hoang P, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):385-6, 388 (Eng. Abstr.) **(Fre)**

[Spontaneous hydatidoperitoneum in adults. Apropos of a clinical case report] Casula G, et al. **Minerva Chir** 1984 Nov 30;39(22):1615-8 (Eng. Abstr.) **(Ita)**

[Primary hydatid cyst of the great epiploon with spontaneous rupture. Hydatid peritonitis] Ionescu A, et al. **Rev Chir [Chir]** 1985 Jan-Feb;34(1):53-6 (Eng. Abstr.) **(Rum)**

[Combined echinococcosis of the liver and diaphragm] Kots EB. **Khirurgiia (Mosk)** 1984 Jul;(7):140-2 **(Rus)**

[Femoro-popliteal hydatid embolism and subsequent multiple embolization in a patient with recurring myocardial hydatidosis] Muñoz Fernández J, et al. **Rev Esp Cardiol** 1984 Sep-Oct;37(5):371-4 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

The radiology of hydatid disease. Beggs I. **AJR** 1985 Sep; 145(3):639-48 (70 ref.)

Hydatid cyst of the heart: diagnosis by two-dimensional echocardiography and computed tomography. Malouf J, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):605-7

Echinococcus granulosus: additional studies on selected sera from seronegative patients with hydatidosis. Dottorini S, et al. **Boll Ist Sieroter Milan** 1984;63(6):513-8

Changing echocardiographic features of a hydatid cyst of the heart. Kostucki W, et al. **Br Heart J** 1985 Aug; 54(2):224-5

Species-specific immunodiagnosis of human echinococcosis with crude antigens. Knobloch J, et al. **Eur J Clin Microbiol** 1984 Dec;3(6):554-5

Echinococcosis of the kidney. Kottász S, et al. **Int Urol Nephrol** 1984;16(3):199-209

MR imaging in spinal echinococcosis. Mikhael MA, et al. **J Comput Assist Tomogr** 1985 Mar-Apr;9(2):398-400

Evaluation of stabilised cells in the indirect haemagglutination test for echinococcosis. Parija SC, et al. **J Med Microbiol** 1985 Feb;19(1):95-8

Sonographic diagnosis of extrahepatic biliary echinococcosis. Gelin J, et al. **JCU** 1985 Mar-Apr;13(3):187-9

Hydatid cysts [letter] Schijman E. **Neurosurgery** 1985 Jun; 16(6):878

Renal hydatid disease: report of 9 cases and discussion of urologic diagnostic procedures. Aragona F, et al. **Urol Radiol** 1984;6(3-4):182-6

Application of antigens from Taenia hydatigena cyst fluid for the immunodiagnosis of human hydatidosis. Monzón CM, et al. **Z Parasitenkd** 1985;71(4):533-7

[Echinococcosis of the skeletal musculature] Bakhariev Z, et al. **Khirurgiia (Sofiia)** 1984;37(6):469-72 (Eng. Abstr.) **(Bul)**

[Echinococcosis of the heart and pericardium] Cherveniakov P, et al. **Khirurgiia (Sofiia)** 1984;37(6):458-63 (Eng. Abstr.) **(Bul)**

[Diagnostic and therapeutic problems of splenic echinococcosis] Stoianov G. **Khirurgiia (Sofiia)** 1984; 37(5):358-61 (Eng. Abstr.) **(Bul)**

[A study on the ELISA in the diagnosis of hydatid disease] Zhao SQ, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1985;3(1):24-6 (Eng. Abstr.) **(Chi)**

[Hydatid cyst of the kidney] Wilmus JP, et al. **Acta Urol Belg** 1984;52(4):513-23 (Eng. Abstr.) **(Fre)**

[Surgical treatment of a hydatid cyst of the interventricular septum. Apropos of a case] Baud F, et al. **Ann Chir** 1983 Oct;37(7):569-71 (Eng. Abstr.) **(Fre)**

[Abdominal hydatidosis in echography. Reflections and characteristic aspects (Echinococcus granulosus)] Gharbi HA, et al. **Ann Radiol (Paris)** 1985;28(1):31-4 (Eng. Abstr.) **(Fre)**

[Echographic aspects of hydatid cyst of the pancreas. Apropos of 2 cases with review of the literature] Zakari S, et al. **Ann Radiol (Paris)** 1984 Nov;27(7):607-13 (Eng. Abstr.) **(Fre)**

[Serologic diagnosis of hydatidosis. 235 cases] Nozais JP, et al. **Pathol Biol (Paris)** 1985 Apr;33(4):238-42 (Eng. Abstr.) **(Fre)**

[Cervicofacial hydatid cyst. Apropos of 9 cases] Touhami M, et al. **Rev Laryngol Otol Rhinol (Bord)** 1985; 106(3):187-90 (Eng. Abstr.) **(Fre)**

[Hydatid cyst of the heart in children. Apropos of 6 cases] Bousnina A, et al. **Tunis Med** 1983 Jan-Feb;61(1):15-7 (Eng. Abstr.) **(Fre)**

[Diagnostic approach to hydatid cyst of the orbit] Daghfous MT, et al. **Tunis Med** 1985 Mar;63(3):227-31 (Eng. Abstr.) **(Fre)**

[Magnetic resonance in cerebral echinococcosis alveolaris] Bauer WM, et al. **Digitale Bilddiagn** 1984 Sep;4(3):129-31 (Eng. Abstr.) **(Ger)**

[A case from general practice (29). Patient V. B., born 28 February 1964, a shoemaker. Echinococcosis] Conzelmann M. **Schweiz Rundsch Med Prax** 1985 Jan 8;74(1-2):19-20 **(Ger)**

[Hydatid cysts of Morgagni as a cause of abdominal pain] Friedler D, et al. **Harefuah** 1985 Jan 1;108(1):20-1 (Eng. Abstr.) **(Heb)**

[Value of some immunological diagnostic methods in hydatid disease (original technical adaptations)] Gherman I, et al. **Rev Med Interna [Med Interna]** 1984 May-Jun;36(3):277-82 (Eng. Abstr.) **(Rum)**

[Diagnosis of early stages of echinococcosis. 1. Correlations between the results of the indirect hemagglutination test, ABO(H) and Rh blood groups and haptoglobin types in residents of an echinococcosis area] Shcherbakov AM, et al. **Med Parazitol (Mosk)** 1985 Mar-Apr;(2):21-4 (Eng. Abstr.) **(Rus)**

[Modern diagnosis of genito-pelvic echinococcosis in women] Berić B, et al. **Jugosl Ginekol Opstet** 1984 Sep-Dec;24(5-6):100-1 (Eng. Abstr.) **(Ser)**

[Multilocular cyst of kidney: report of a case] Montesino Semper M, et al. **Actas Urol Esp** 1984 Nov-Dec;8(6):483-6 (Eng. Abstr.) **(Spa)**

[Application of the modified indirect immunofluorescence technic (IFI) in the diagnosis of human hydatidosis] Casado Escribano N, et al. **Rev Clin Esp** 1985 May;176(9):457-9 (Eng. Abstr.) **(Spa)**

[Cardiac hydatid cyst. Bidimensional echocardiographic study] Muñoz-Gil J, et al. **Rev Esp Cardiol** 1984 Sep-Oct; 37(5):375-7 (Eng. Abstr.) **(Spa)**

[Limitations of computerized axial tomography in the localization of abdominal hydatid cysts in patients with immunodiagnostic confirmation] Guarnera EA, et al. **Rev Inst Med Trop Sao Paulo** 1984 Nov-Dec;26(6):301-6 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Effect of plasma mebendazole concentrations in the treatment of human echinococcosis. Woodtli W, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):754-60

Mebendazole in the treatment of hydatid cysts. Karpathios T, et al. **Arch Dis Child** 1984 Sep;59(9):894-6

Treatment of cystic echinococcosis (Echinococcus granulosus) with mebendazole: assessment of bound and free drug levels in cyst fluid and of parasite vitality in operative specimens. Luder PJ, et al. **Eur J Clin Pharmacol** 1985;28(3):279-85

Epidemiological basis for chemotherapy of human echinococcosis. Pawlowski ZS. **Int J Clin Pharmacol Res** 1985;5(2):75-8

In vivo efficacy and ultrastructural effects of mitomycin C against experimental alveolar hydatid disease. Marchiondo AA, et al. **J Helminthol** 1985 Mar;59(1):29-38

Albendazole--objective evidence of response in human hydatid disease. Morris DL, et al. **JAMA** 1985 Apr 12; 253(14):2053-7

Effective medical treatment for hydatid disease? Schantz PM. **JAMA** 1985 Apr 12;253(14):2095-7

Hydatid disease and albendazole [letter] Braithwaite PA. **Lancet** 1984 Nov 17;2(8412):1160-1

[Experimental study on the choice of scolicides in hydatid surgery] Chen QM. **Chung Hua Wai Ko Tsa Chih** 1984 Jun;22(6):334-6, 382 (Eng. Abstr.) **(Chi)**

[Mebendazole therapy in echinococcosis. Long-term study and course parameters in 8 patients] Allgayer H, et al. **Dtsch Med Wochenschr** 1984 Oct 5;109(40):1521-4 (Eng. Abstr.) **(Ger)**

[Clinical experiment studies in the treatment of echinococcosis with mebendazole (Vermox)] Stojanov G, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984; 17(5):285-9 (Eng. Abstr.) **(Ger)**

[Treatment of bone hydatidosis with mebendazole (letter)] Garcés JM, et al. **Med Clin (Barc)** 1984 Dec 8;83(19):822 **(Spa)**

[Treatment of bone hydatidosis with mebendazole (letter)] Guerrero A, et al. **Med Clin (Barc)** 1985 Jun 15;85(3):126 **(Spa)**

ETIOLOGY

[Our experience with rare primary localizations of hydatidosis. Analysis of etiopathogenetic aspects] Fórteleoni G, et al. **Chir Ital** 1982 Dec;34(6):934-49 (Eng. Abstr.) **(Ita)**

HISTORY

John Hunter to Edward Jenner: a lost letter discovered. Le Fanu W. **Ann R Coll Surg Engl** 1985 Jul;67(4):266

[Closed total cystectomy in renal hydatidosis for my fellow urologists of future generations] Ipiéns Lacasa P. **Actas Urol Esp** 1985;Spec No:19-24 **(Spa)**

IMMUNOLOGY

An immunoassay for the detection of circulating antigens in human echinococcosis. Gottstein B. **Am J Trop Med Hyg** 1984 Nov;33(6):1185-91

Lymphocyte transformation as an aspect of immune recognition in echinococcosis. A review of some current experiments. Cox DA, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):206-9

The detection of circulating antigen in human hydatid disease. Craig PS, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):219-27

Echinococcus granulosus: diagnosis of hydatid disease in man. Dottorini S, et al. **Ann Trop Med Parasitol** 1985 Feb;79(1):43-9

Immune response to Echinococcus granulosus: histological and immunocytochemical observations. Riley EM, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):210-2

Echinococcus multilocularis: responses to infection in cotton rats (Sigmodon hispidus). Kroeze WK, et al. **Int J Parasitol** 1985 Jun;15(3):233-8

The immune response to Echinococcus granulosus: sequential histological observations of lymphoreticular and connective tissues during early murine infection. Riley EM, et al. **J Comp Pathol** 1985 Jan;95(1):93-104

Characterization of parasite antigens from human hydatid cyst fluid by SDS-PAGE and IEF. d'Amelio R, et al. **Med Microbiol Immunol (Berl)** 1985;174(1):43-50

Egg yolk immunoglobulin Y as an alternative antibody in the serology of echinococcosis. Gottstein B, et al. **Z Parasitenkd** 1985;71(2):273-6

[Specificity of IgM antibodies detected in human hydatid infection] Tassi C, et al. **Boll Ist Sieroter Milan** 1982;61(6):499-504 (Eng. Abstr.) **(Ita)**

[Radial counter-immunoelectrophoresis in the determination of specific anti-hydatidosis antibodies. Preliminary observations] Vullo V, et al. **Quad Sclavo Diagn** 1984 Mar;20(1):48-54 (Eng. Abstr.) **(Ita)**

[Immune response to specific and erythrocytic antigens in experimental echinococcosis in inbred mice] Zbarskii AI, et al. **Med Parazitol (Mosk)** 1985 Mar-Apr;(2):16-21 (Eng. Abstr.) **(Rus)**

METABOLISM

Lack of effect of haemodialysis on mebendazole kinetics: studies in a patient with echinococcosis and renal failure. Allgayer H, et al. **Eur J Clin Pharmacol** 1984;27(2):243-5

OCCURRENCE

Statistical aspects of hydatid disease in Greek adults. Karpathios T, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):124-8

Serologic survey of human hydatid disease in high risk populations from central Tunisia. Preliminary results. Mlika N, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1182-4

Hydatid disease in the Turkana District of Kenya. V. Problems of interpretation of data from a mass serological survey. French CM, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):213-8

Hydatid disease in children in Libya. Kalani BP, et al. **Ann Trop Paediatr** 1984 Sep;4(3):195-9

[Development of hydatid cysts in Southwest France during a 20 year period [letter]] Bailenger J, et al. **Rev Epidemiol Sante Publique** 1984;32(2):149-51 **(Fre)**

[Possible formation of foci of multilocular echinococcosis (alveolar hydatid disease) in the settlements of Yakutia] Martynenko VB, et al. **Med Parazitol (Mosk)** 1984 Nov-Dec;(6):25-7 (Eng. Abstr.) **(Rus)**

[Repeated examination by the indirect hemagglutination reaction of the population in an alveolar hydatid disease focus as a method of assessing the epidemiological situation] Shakarov AG, et al. **Med Parazitol (Mosk)** 1984 Nov-Dec;(6):22-5 (Eng. Abstr.) **(Rus)**

[Seroepidemiological study of human hydatidosis by indirect hemagglutination reaction in XI Region, Chile (1984)] Peña A, et al. **Bol Chil Parasitol** 1984 Jan-Jun;39(1-2):35-6 (Eng. Abstr.) **(Spa)**

[Hydatidosis: current significance] Guisantes JA. **Med Clin (Barc)** 1984 Sep 22;83(8):330-2 **(Spa)**

PARASITOLOGY

In vitro culture of the strobilar stage of Echinococcus granulosus from protoscoleces of human, camel, cattle, sheep and goat origin from Kenya and buffalo origin from India. Macpherson CN, et al. **Int J Parasitol** 1985 Apr;15(2):137-40

Strain identification of Echinococcus granulosus in determining origin of infection in a case of human hydatid disease in Australia. Baldock FC, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):238-41

PATHOLOGY

Growth rate of secondary hydatid cysts of the brain. Case report. Sierra J, et al. **J Neurosurg** 1985 May;62(5):781-2

Diagnosis of hydatid cyst by percutaneous aspiration: value of electrolyte determinations. Livraghi T, et al. **JCU** 1985 Jun;13(5):333-7

Paratubal cysts: frequency, histogenesis, and associated clinical features. Samaha M, et al. **Obstet Gynecol** 1985 May;65(5):691-4

Characterization of the inflammatory cells in progressing tumor-like alveolar hydatid cysts: 1. Kinetics and composition of inflammatory infiltrates. Treves S, et al. **Tropenmed Parasitol** 1984 Sep;35(3):183-8

[Secondary echinococcosis--asymptomatic course of echinococcosis of the left kidney and the 11th and 12th ribs] Tsvetkov M, et al. **Khirurgiia (Sofiia)** 1985;38(1):47-50 **(Bul)**

[A case of secondary echinococcosis of the pleura diagnosed by cytologic examination] Poletti V, et al. **Pathologica** 1984 May-Jun;76(1043):399-401 (Eng. Abstr.) **(Ita)**

[Primary hydatid cyst of the great epiploon with spontaneous rupture. Hydatid peritonitis] Ionescu A, et al. **Rev Chir [Chir]** 1985 Jan-Feb;34(1):53-6 (Eng. Abstr.) **(Rum)**

[Pancreatic hydatid cyst] Juvara I, et al. **Rev Chir [Chir]** 1985 Jan-Feb;34(1):43-6 (Eng. Abstr.) **(Rum)**

[Unusual case of hydatid cyst, right anterosuperior laterocervical location, spontaneously expelled through the mouth] Miloşescu P. **Rev Chir [Otorinolaringol]** 1985 Jan-Mar;30(1):63-6 (Eng. Abstr.) **(Rum)**

[Evolutive characteristics in renal hydatidosis] Stoica S, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct-Dec;88(4):739-40 (Eng. Abstr.) **(Rum)**

[Pericardial hydatid cyst and acute myocardial infarct] Ispas R, et al. **Rev Med Interna [Med Interna]** 1984 May-Jun;36(3):283-7 (Eng. Abstr.) **(Rum)**

[Primary-multiple combined echinococcosis in a child] Gireev GI, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):140-1 **(Rus)**

[A rare case of renal echinococcosis] Nechiporuk VM, et al. **Klin Khir** 1984 Dec;(12):34-5 **(Rus)**

[Echinococcosis of subcutaneous fatty tissue] Bazarov AKh, et al. **Vestn Khir** 1984 Oct;133(10):80-1 **(Rus)**

[Thyroid echinococcosis in a child] Sadykov FG, et al. **Vestn Khir** 1984 Dec;133(12):69 **(Rus)**

[Retrovesical hydatidosis. Report of 11 cases and review of the literature] Ingelmo Setién A, et al. **Arch Esp Urol** 1984 Nov-Dec;37(6):469-80 (Eng. Abstr.) **(Spa)**

[Hydatid cyst of the ovary, apropos of a clinical case] Sánchez J, et al. **Rev Chil Obstet Ginecol** 1982;47(4):229-35 (Eng. Abstr.) **(Spa)**

PREVENTION & CONTROL

An Echinococcus pilot control programme for north-west Turkana, Kenya. Macpherson CN, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):188-92

Cost-effectiveness analysis of echinococcosis-hydatidosis eradication project in Sardinia. Attanasio E, et al. **Soc Sci Med** 1984;19(10):1067-72

Hydatidosis in Sardinia: review and recommendations. Attanasio E, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):154-8

RADIOGRAPHY

Multiple cerebral hydatid cysts. Banzo J, et al. **Eur J Nucl Med** 1984;9(12):561-3

Postsurgical evaluation of hydatid disease with CT: diagnostic pitfalls. Kalovidouris A, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1114-9

Computed tomography of intracerebral echinococcal cysts in children. McCorkell SJ, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):514-8

Primary mediastinal echinococcosis. Mathur RK, et al. **J Comput Tomogr** 1985 Jul;9(3):195-7

Echinococcal disease of the kidney presenting as a renal filling defect. Buckley RJ, et al. **J Urol** 1985 Apr;133(4):660-1

Primary hydatid disease of the infratemporal fossa and the parotid gland. Kalovidouris A, et al. **Radiologe** 1985 May;25(5):235-6

The value of computed tomography in osseous hydatid disease (echinococcosis). Bouras A, et al. **Skeletal Radiol** 1984;12(3):192-5

Echinococcus of the urinary tract: radiologic findings. Hertz M, et al. **Urol Radiol** 1984;6(3-4):175-81

[A case of intraperitoneal hydatidosis diagnosed by computed tomography] Abignoly AM, et al. **Ann Radiol (Paris)** 1984 Jan;27(1):34-6 (Eng. Abstr.) **(Fre)**

[Bone hydatidosis. Radiological aspects apropos of 30 cases. Contribution of echotomography apropos of 3 cases] Froment JC, et al. **Ann Radiol (Paris)** 1984 Sep-Oct;27(6):474-9 (Eng. Abstr.) **(Fre)**

[Radiological study of hydatid cysts of the kidney. Apropos of 17 cases] Kadiri R, et al. **Ann Radiol (Paris)** 1984 Nov;27(7):573-7 (Eng. Abstr.) **(Fre)**

[Orbital localization of hydatid cyst (10 cases). X-ray computed tomography] Benrabah R, et al. **Bull Soc Ophtalmol Fr** 1984 Jan;84(1):29-34 **(Fre)**

[Vertebral and spinal cord hydatidosis. Contribution of radiology and x-ray computed tomography. Apropos of 36 cases] Tazi Z, et al. **J Radiol** 1985 Mar;66(3):183-8 (Eng. Abstr.) **(Fre)**

[Echinococcus cysticus in bone] Kissling R, et al. **ROFO** 1984 Oct;141(4):470-1 **(Ger)**

SURGERY

The frozen seal technique in the surgical treatment of hydatid disease in the Netherlands. Jongsma CK. **Acta Leiden** 1984;52:41-4

Echinococcosis of the heart presenting as ventricular tachycardia: recovery after surgical treatment. Bairam A, et al. **Indian J Chest Dis Allied Sci** 1983 Oct-Dec;25(4):286-9

Hydatid disease of the maxilla. Assal AM, et al. **J Laryngol Otol** 1984 Oct;98(10):1027-9

Renal replantation (orthotopic autotransplantation) for echinococcosis of the kidney. Tscholl R, et al. **J Urol** 1985 Mar;133(3):456-7

Hydatid cyst of the pancreatic tail. A case report. du Toit DF, et al. **S Afr Med J** 1984 Nov 17;66(20):781-2

Tumours and pseudotumours of the chest wall. Rami-Porta R, et al. **Scand J Thorac Cardiovasc Surg** 1985;19(1):97-103

[Method of removing fertile and suppurative echinococcal cysts and a device for its realization] Deenichin P, et al. **Khirurgiia (Sofiia)** 1984;37(4):322-4 **(Bul)**

[Echinococcus cysticus of the pancreas in the clinical picture of acute pancreatitis] Augustin N, et al. **Chirurg** 1984 Oct;55(10):661-4 (Eng. Abstr.) **(Ger)**

[Echinococcal cyst of the popliteal region. Clinical case] Forteleoni G, et al. **Chir Ital** 1982 Jun;34(3):438-44 (Eng. Abstr.) **(Ita)**

[Use of mebendazole in association with the surgical therapy of vertebral hydatidosis] Savini R, et al. **Chir Organi Mov** 1984;69(2):135-42 (Eng. Abstr.) **(Ita)**

[Recurrent and residual echinococcosis of the abdominal organs] Milonov OB, et al. **Khirurgiia (Mosk)** 1985 Jan;(1):37-41 (Eng. Abstr.) **(Rus)**

[20 years' experience in the treatment of echinococcosis] Peršić Z. **Acta Chir Iugosl** 1984 Mar;31(2):159-65 (Eng. Abstr.) **(Scr)**

THERAPY

[Echinococcosis today--dawn of effective drug therapy] Bircher J, et al. **Ther Umsch** 1984 Sep;41(9):660-6 (32 ref.) (Eng. Abstr.) **(Ger)**

TRANSMISSION

Epidemiology of hydatid disease in Kenya: a study of the domestic intermediate hosts in Masailand. Macpherson CN. **Trans R Soc Trop Med Hyg** 1985;79(2):209-17

[The importation of Merino sheep and sheep dogs into Australasia as a possible origin of hydatid echinococcosis] Saiz Moreno L. **Rev Sanid Hig Publica (Madr)** 1984 Jan-Feb;58(1-2):147-50 (Eng. Abstr.) **(Spa)**

URINE

Hydatid cyst of the kidney presenting as echinococcuria of over 43 years duration. Efstratopoulos A, et al. **Mater Med Pol** 1984 Apr-Dec;16(2-4):122-4

VETERINARY

Efficacy of a combined paste formulation of praziquantel/febantel against immature Echinococcus granulosus and immature Echinococcus multilocularis. Andersen FL, et al. **Am J Vet Res** 1985 Jan;46(1):253-5

Problems in the post-mortem diagnosis of equine hydatidosis. Cranley JC. **Ann Trop Med Parasitol** 1984 Jun;78(3):199-203

Hydatid disease in the Turkana District of Kenya, IV. The prevalence of Echinococcus granulosus infections in dogs, and observations on the role of the dog in the lifestyle of the Turkana. Macpherson CN, et al. **Ann Trop Med Parasitol** 1985 Feb;79(1):51-61

Hydatid control scheme in South Powys, Wales, UK. Walters TM. **Ann Trop Med Parasitol** 1984 Jun;78(3):183-7

Specific antibody responses to Taenia hydatigena, Taenia pisiformis and Echinococcus granulosus infection in dogs. Jenkins DJ, et al. **Aust Vet J** 1985 Mar;62(3):72-8

Echinococcus multilocularis in Wisconsin. Ballard NB. **J Parasitol** 1984 Oct;70(5):844

Echinococcus oligarthrus cysts of rabbits in Venezuela. Meléndez RD, et al. **J Parasitol** 1984 Dec;70(6):1004-5

Prevalence of toxocariasis and echinococcosis among dogs in the Niger Delta. Arene FO. **J Trop Med Hyg** 1984 Oct;87(5):207-9

The epidemiology of Echinococcus infection in the Niger Delta. Arene FO, et al. **Public Health** 1985 Jan;99(1):30-2

Prevalence of hydatid cysts in domestic livestock in the Niger Delta. Arene FO. **Trop Anim Health Prod** 1985 Feb;17(1):3-5

[Pathomorphological studies of experimental echinococcosis in sheep] Svilenov D, et al. **Vet Med Nauki** 1984;21(9):120-32 (Eng. Abstr.) **(Bul)**

ECHINOCOCCOSIS, HEPATIC

Human hydatidosis in Ethiopia. Makuria T. **Ethiop Med J** 1985 Apr;23(2):81-7

Trans portal, secondary hepatic alveolar echinococcosis of rats. Ohnishi K. **J Parasitol** 1984 Dec;70(6):987-8

[A clinicopathological analysis of 25 cases with liver alveolar hydatid disease] Jiang CP. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1985;3(1):21-3 (Eng. Abstr.) **(Chi)**

[2 cases of hydatidosis in the Republic of Niger] Develoux

M, et al. **Bull Soc Pathol Exot Filiales** 1985;78(2):216-20 (Eng. Abstr.) (Fre)

COMPLICATIONS

Albendazole: does it increase the risk of rupture for hydatid cyst of the liver? [letter] Chapoy P, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):187-8

Hydatid disease presenting with a bronchobiliary fistula. Murphy PJ, et al. **J Am Geriatr Soc** 1985 Jul;33(7):507-8

Rupture of infected hydatid cyst of liver into the gall bladder causing empyema with obstructive jaundice. Singh RP, et al. **J Indian Med Assoc** 1984 Oct;82(10):375-6

Sonographic diagnosis of extrahepatic biliary echinococcosis. Gelin J, et al. **JCU** 1985 Mar-Apr;13(3):187-9

[Mechanical jaundice caused by perforation of a hepatic echinococcal cyst into the biliary tract—the procedure in surgical treatment] Pozharliev T, et al. **Khirurgiia (Sofiia)** 1984;37(5):361-6 (Eng. Abstr.) (Bul)

[Minor liver insufficiency in hepatic echinococcosis] Stoianov G, et al. **Khirurgiia (Sofiia)** 1984;37(6):442-6 (Eng. Abstr.) (Bul)

[Hydatid cysts of the liver open into the bronchi and pleura. Apropos of 18 cases] Ennabli K. **Ann Chir** 1984 Oct; 38(7):560-6 (Eng. Abstr.) (Fre)

[Acute pancreatitis disclosing rupture of a hydatid cyst of the liver into the bile ducts. Value of associated eosinophil cholecystitis (letter)] Veyrac M, et al. **Gastroenterol Clin Biol** 1985 Mar;9(3):271-2 (Fre)

[Cysto-hepatic channels—surgical incidence and review of the literature. Apropos of 2 cases] Attiaoui M, et al. **Tunis Med** 1985 Jan;63:45-8 (Eng. Abstr.) (Fre)

[Budd-Chiari syndrome in liver echinococcosis] Robotti GC, et al. **ROFO** 1985 May;142(5):511-3 (Eng. Abstr.) (Ger)

[Combined echinococcosis of the liver and diaphragm] Kots EB. **Khirurgiia (Mosk)** 1984 Jul;(7):140-2 (Rus)

[A rare complication of hepatic echinococcosis] Shikhman SM. **Med Parazitol (Mosk)** 1984 Sep-Oct;(5):87-8 (Rus)

[Hepatic hydatid cyst rupturing into the bile ducts and bronchi] Sapunar J, et al. **Bol Chil Parasitol** 1984 Jul-Dec; 39(3-4):54-9 (Eng. Abstr.) (Spa)

[Hydatid choleperitoneum] González San Martín F, et al. **Rev Clin Esp** 1984 Oct 15;175(1):45-7 (Spa)

[Spontaneous choledocoduodenostomy caused by lithiasis of hydatid origin in hepatic hydatidosis with massive invasion of the bile ducts] Gil-Albarellos Marcos R, et al. **Rev Esp Enferm Apar Dig** 1985 May;67(5):457-61 (Eng. Abstr.) (Spa)

[Traumatic rupture of a hepatic hydatic cyst in the abdominal cavity. Therapeutic aspects] Moliner Quiles C, et al. **Rev Esp Enferm Apar Dig** 1984 Aug;66(2):157-9 (Eng. Abstr.) (Spa)

DIAGNOSIS

Hydatid thrill: an explanation of the phenomenon. Sukumar A. **Br J Surg** 1984 Sep;71(9):730

Liver alveolar hydatidosis in Xinjiang. Yao BL. **Chin Med J [Engl]** 1985 May;98(5):353-7

Intrabiliary rupture of hydatid cyst of the liver: sonographic diagnosis. Barki Y, et al. **JCU** 1985 Jan;13(1):40-1

Hepatic alveolar echinococcosis: correlative US and CT study. Didier D, et al. **Radiology** 1985 Jan;154(1):179-86

Hepatic echinococcal cysts: sonographic appearance and classification. Lewall DB, et al. **Radiology** 1985 Jun; 155(3):773-5

[Ultrasonic characteristics of echinococcal cysts] Ruale A, et al. **Vutr Boles** 1985;24(2):47-53 (Eng. Abstr.) (Bul)

[Diffuse hepatic and pulmonary hydatidosis. Apropos of a case] Bisson A, et al. **Ann Chir** 1983 Oct;37(7):544-6 (Eng. Abstr.) (Fre)

[30 years' study of hydatid cysts of the liver] Bourgeon R. **Bull Acad Natl Med (Paris)** 1984 Oct-Nov;168(7-8):803-7 (Fre)

[Role of echography in the diagnosis and monitoring of hepatic alveolar echinococcosis] Claudon M, et al. **J Radiol** 1984 Nov;65(11):773-80 (Eng. Abstr.) (Fre)

[False negative reactions in the serodiagnosis of cystic echinococcosis in humans] Janitschke K, et al. **Immun Infekt** 1985 Apr;13(2):39-43 (Eng. Abstr.) (Ger)

[A case of echinococcal cyst in the round ligament of the liver. Preliminary note] Vadalà G, et al. **Minerva Med** 1985 Mar 31;76(13):647-9 (Eng. Abstr.) (Ita)

[Diagnostic imaging in alveolar echinococcosis of the liver] Morita Y. **Rinsho Hoshasen** 1985 Feb;30(2):243-55 (Eng. Abstr.) (Jpn)

[First original case of hydatidosis in the Canary Islands (letter)] Cabrera de León A, et al. **Med Clin (Barc)** 1985 Apr 13;84(14):586 (Spa)

IMMUNOLOGY

Experimental alveolar echinococcosis. Suitability of a murine model of intrahepatic infection by Echinococcus multilocularis for immunological studies. Liance M, et al. **Experientia** 1984 Dec 15;40(12):1436-9

[Hepatic hydatidosis associated with a probable immune deficiency (letter)] Capdevielle P. **Presse Med** 1984 Sep 22;13(32):1965 (Fre)

OCCURRENCE

Hydatid disease in children in Libya. Kalani BP, et al. **Ann Trop Paediatr** 1984 Sep;4(3):195-9

[Detection of the larva of Taenia multilocularis in 2 voles (Microtus arvalis and Clethrionomys glareolus) in a focus of alveolar echinococcosis in the Massif Central (France)] Pétavy AF, et al. **C R Acad Sci [III]** 1984;299(18):735-7 (Eng. Abstr.) (Fre)

[Experience with hepatic hydatidosis. Review of 100 cases] Pecorella G, et al. **Minerva Med** 1985 May 31; 76(22-23):1067-70 (Eng. Abstr.) (Ita)

PARASITOLOGY

Metallic elements in hydatid fluid. Sheriff DS, et al. **J Helminthol** 1984 Dec;58(4):335-6

PATHOLOGY

[Case of traumatic rupture of the liver and of a hepatic echinococcal cyst] Kiuchukov I, et al. **Khirurgiia (Sofiia)** 1984;37(5):414-5 (Bul)

[Hepatic echinococcosis—ultrastructural pathogenetic aspects and clinico-laboratory comparisons] Damianov BD, et al. **Khirurgiia (Mosk)** 1985 Jan;(1):65-7 (Eng. Abstr.) (Rus)

RADIOGRAPHY

Endoscopic retrograde cholangiopancreatography in Echinococcus (hydatid) cysts of the liver. Moreira VF, et al. **Gastrointest Radiol** 1985;10(2):123-8

[X-ray computed tomography of hydatid cyst of the liver: symptomatology and classification. Apropos of 157 cases including 146 surgically confirmed] Bendib A, et al. **J Radiol** 1985 May;66(5):367-75 (Eng. Abstr.) (Fre)

[Evaluation of the role of angiography in the diagnosis and surveillance of hepatic alveolar echinococcosis] Claudon M, et al. **J Radiol** 1984 Apr;65(4):235-43 (Eng. Abstr.) (Fre)

[Computerized tomography in hepatic alveococcosis] Filimonov GP, et al. **Sov Med** 1984;(10):40-4 (Eng. Abstr.) (Rus)

RADIONUCLIDE IMAGING

Hydatid cyst of the liver rupturing into the biliary tract—mimicking acute cholecystitis on hepatobiliary scanning. Nagler A, et al. **Am J Gastroenterol** 1985 Oct; 80(10):819-21

SURGERY

Sclerosing cholangitis after surgical treatment of hepatic echinococcal cysts. Report of three cases. Terés J, et al. **Am J Surg** 1984 Nov;148(5):694-7

Surgical management of hydatid disease of the liver. Akinoğlu A, et al. **Can J Surg** 1985 Mar;28(2):171-2, 174

Surgical management of hydatid disease of the liver. Langer B, et al. **Can J Surg** 1985 Mar;28(2):103

Resection of suprarenal inferior vena cava and dacron graft replacement without right nephrectomy for echinococcal cyst. Case report and review of the literature. Landa García JI, et al. **Ital J Surg Sci** 1984;14(4):327-32

Biliary complications of hepatic hydatid disease. El-Muhtaseb HH. **J R Coll Surg Edinb** 1984 Sep; 29(5):296-300

Hepatic echinococcal cyst: successful percutaneous drainage. Mueller PR, et al. **Radiology** 1985 Jun;155(3):627-8

Intrabiliary rupture of the hydatid cyst of the liver. Dadoukis J, et al. **World J Surg** 1984 Oct;8(5):786-90

[Surgical treatment of hepato-thoracic hydatidosis] Lei DX. **Chung Hua Wai Ko Tsa Chih** 1984 Aug;22(8):485-7, 511 (Eng. Abstr.) (Chi)

[Hydatid cysts of the liver rupturing into the bile ducts. Therapeutic procedures] Ennabli E, et al. **Ann Chir** 1985 May;39(4):243-50 (Eng. Abstr.) (Fre)

[Sclerosing cholangitis following surgical treatment of hydatid cysts of the liver. Probable role of the formol injection of bile ducts] Bories P, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):113-6 (Eng. Abstr.) (Fre)

[Retrospective study of a series of 62 cases of hydatid liver cysts] Grosdidier J, et al. **J Chir (Paris)** 1985 Mar; 122(3):163-9 (Eng. Abstr.) (Fre)

[An unusual cause of postoperative hemothorax: spontaneous rupture of the internal mammary artery] Martini G, et al. **Prax Klin Pneumol** 1984 Oct;38(10):469-70 (Eng. Abstr.) (Ger)

[Surgical therapy of liver echinococcosis] Bähr R, et al. **Zentralbl Chir** 1985;110(9):524-31 (Eng. Abstr.) (Ger)

[Case of acute formol toxicity during echinococcal cyst surgery] Tulli G, et al. **Minerva Anestesiol** 1984 Dec; 50(12):641-3 (Eng. Abstr.) (Ita)

[Surgical treatment of hepatic echinococcosis] Rocca E, et al. **Minerva Chir** 1984 Nov 15;39(21):1515-9 (Ita)

[Omentoplasty of residual cavities of the liver] Askerkhanov RP. **Khirurgiia (Mosk)** 1984 Jul;(7):67-71 (Eng. Abstr.) (Rus)

[Use of penetrating transhepatic drainage in treating hepatic alveolar hydatid disease complicated by mechanical jaundice] Dederer IuM, et al. **Khirurgiia (Mosk)** 1985 Jan; (1):41-5 (Eng. Abstr.) (Rus)

[Bile-draining operations in hepatic alveolar hydatid disease] Al'perovich BI, et al. **Klin Khir** 1984 Sep;(9):40-2 (Eng. Abstr.) (Rus)

[Radical and palliative resection of the liver in alveococcosis] Al'perovich BI, et al. **Sov Med** 1984;(9):93-9 (Rus)

[Simultaneous bilateral pulmonary and hepatic hydatidectomy by trans-sternal approach] Kariev TM, et al. **Vestn Khir** 1984 Nov;133(11):69-70 (Rus)

[Hepatic resection in hydatidosis] Soleto Sáez E, et al. **Rev Esp Enferm Apar Dig** 1985 Feb;67(2):143-6 (Eng. Abstr.) (Spa)

VETERINARY

Concomitant hepatic Fasciola and hydatid infections in animals. el-Refaie SA, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):421-7

A case of multilocular echinococcosis in a horse. Miyauchi T, et al. **Jpn J Vet Res** 1984 Jul;32(3):171-3

ECHINOCOCCOSIS, PULMONARY

Human hydatidosis in Ethiopia. Makuria T. **Ethiop Med J** 1985 Apr;23(2):81-7

[Round table on intrathoracic echinococcosis] **Ann Chir** 1983 Mar;37(2):73-121 (Fre)

COMPLICATIONS

Horner's syndrome due to hydatid cyst. Singh RP, et al. **Indian J Chest Dis Allied Sci** 1984 Apr-Jun;26(2):119-22

Pleural involvement by hydatid cysts of the lung. Ozer Z, et al. **Thorac Cardiovasc Surg** 1985 Apr;33(2):103-5

DIAGNOSIS

Species-specific immunodiagnosis of human echinococcosis with crude antigens. Knobloch J, et al. **Eur J Clin Microbiol** 1984 Dec;3(6):554-5

Serological screening for Echinococcus multilocularis infections with ELISA [letter] Gottstein B, et al. **Lancet** 1985 May 11;1(8437):1097-8

Immunodiagnosis of pulmonary hydatid disease in a patient with negative radiologic and scintillographic findings. Guarnera EA, et al. **Trans R Soc Trop Med Hyg** 1985; 79(2):149-50

[Diffuse hepatic and pulmonary hydatidosis. Apropos of a case] Bisson A, et al. **Ann Chir** 1983 Oct;37(7):544-6 (Eng. Abstr.) (Fre)

[Metastatic pulmonary hydatidosis of inferior vena cava origin. Apropos of a case] Bellamy J, et al. **Chirurgie** 1985; 111(2):150-5 (Eng. Abstr.) (Fre)

[A case of a voluminous hydatid cyst] Grignet JP, et al. **LARC Med** 1984 Nov;4(9):553-6 (Eng. Abstr.) (Fre)

[Bronchoscopy in the diagnosis of complicated pulmonary hydatid cyst in children] Henry P, et al. **Rev Mal Respir** 1984;1(5):313-7 (Eng. Abstr.) (Fre)

[False negative reactions in the serodiagnosis of cystic echinococcosis in humans] Janitschke K, et al. **Immun Infekt** 1985 Apr;13(2):39-43 (Eng. Abstr.) (Ger)

[First original case of hydatidosis in the Canary Islands (letter)] Cabrera de León A, et al. **Med Clin (Barc)** 1985 Apr 13;84(14):586 (Spa)

DRUG THERAPY

[Mebendazole in the therapy of human hydatidosis. Evaluation of the results obtained in 9 patients with pulmonary localization] Aresu G, et al. **Minerva Med** 1984 Sep 8;75(34):1947-60 (Eng. Abstr.) (Ita)

FAMILIAL & GENETIC

[Familial echinococcosis] Ben-Ami M, et al. **Harefuah** 1984 Sep;107(5-6):124-6 (Eng. Abstr.) (Heb)

IMMUNOLOGY

Experimental alveolar echinococcosis. Suitability of a murine model of intrahepatic infection by Echinococcus multilocularis for immunological studies. Liance M, et al. **Experientia** 1984 Dec 15;40(12):1436-9

Characterization of the inflammatory cells in progressing tumor-like alveolar hydatid cyst. 2. Cell surface receptors, endocytosed immune complexes and lysosomal enzyme content. Treves S, et al. **Tropenmed Parasitol** 1984 Dec; 35(4):231-6

OCCURRENCE

Hydatid disease in children in Libya. Kalani BP, et al. **Ann Trop Paediatr** 1984 Sep;4(3):195-9

[Experience with hepatic hydatidosis. Review of 100 cases] Pecorella G, et al. **Minerva Med** 1985 May 31; 76(22-23):1067-70 (Eng. Abstr.) (Ita)

PARASITOLOGY

Metallic elements in hydatid fluid. Sheriff DS, et al. **J Helminthol** 1984 Dec;58(4):335-6

RADIOGRAPHY

Hydatid disease (echinococcosis) of the lung in a community hospital: report of a case. Thomas G, et al. **J Am Osteopath Assoc** 1984 Aug;83(12):859-65

Pulmonary air meniscus sign. Tuncel E. **Respiration** 1984; 46(1):139-44

[Multiple echinococcal pulmonary cysts. Case report] Kadlečík R, et al. **Cesk Radiol** 1984 Sep;38(5):343-7 (Eng. Abstr.) (Slo)

SURGERY

Surgical management of hydatid disease of the lung. Al-Omeri M, et al. **J R Coll Surg Edinb** 1984 Jul;29(4):218-20

[Surgical treatment of hepato-thoracic hydatidosis] Lei DX. **Chung Hua Wai Ko Tsa Chih** 1984 Aug;22(8):485-7, 511 (Eng. Abstr.) **(Chi)**

[Simultaneous bilateral pulmonary and hepatic hydatidectomy by trans-sternal approach] Kariev TM, et al. **Vestn Khir** 1984 Nov;133(11):69-70 **(Rus)**

VETERINARY

Albendazole treatment of pulmonary hydatid cysts in naturally infected sheep: a study with relevance to the treatment of hydatid cysts in man. Morris DL, et al. **Thorax** 1985 Jun;40(6):453-8

ECHINOCOCCUS

[Detection of echinococcal infection in rodents and shrews caught in Asahikawa and Kushiro districts] Inaoka T, et al. **Hokkaido Igaku Zasshi** 1984 Nov;59(6):728-33 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Biochemical characterisation of Australian strains of Echinococcus granulosus by isoelectric focusing of soluble proteins. Kumaratilake LM, et al. **Int J Parasitol** 1984 Dec;14(6):581-6

Metallic elements in hydatid fluid. Sheriff DS, et al. **J Helminthol** 1984 Dec;58(4):335-6

Isolation, fractionation and partial characterization of the tegumental surface from protoscoleces of the hydatid organism, Echinococcus granulosus. McManus DP, et al. **Parasitology** 1985 Feb;90 (Pt 1):111-29

ANATOMY & HISTOLOGY

Morphological characterisation of Australian strains of Echinococcus granulosus. Kumaratilake LM, et al. **Int J Parasitol** 1984 Oct;14(5):467-77

Strain identification of Echinococcus granulosus in determining origin of infection in a case of human hydatid disease in Australia. Baldock FC, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):238-41

CLASSIFICATION

Strain characterization in the hydatid organism, Echinococcus granulosus: current status and new perspectives. McManus DP, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):193-8

CYTOLOGY

[Two staining methods for protoscolices of Echinococcus granulosus] Zhou HJ. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):272-3 **(Chi)**

DRUG EFFECTS

Echinococcus granulosus: failure of the eosin-exclusion test to demonstrate death of protoscoleces. Robinson RD, et al. **Ann Trop Med Parasitol** 1985 Feb;79(1):117

In vivo efficacy and ultrastructural effects of mitomycin C against experimental alveolar hydatid disease. Marchiondo AA, et al. **J Helminthol** 1985 Mar;59(1):29-38

[The scolicidal action of bing-lang and other Chinese medicines against Echinococcus granulosus protoscoleces for screening in vitro] Chen QM. **Chung Yao Tung Pao** 1984 Jul;9(4):178-81 **(Chi)**

GROWTH & DEVELOPMENT

In vitro culture of the strobilar stage of Echinococcus granulosus from protoscoleces of human, camel, cattle, sheep and goat origin from Kenya and buffalo origin from India. Macpherson CN, et al. **Int J Parasitol** 1985 Apr;15(2):137-40

Characterization of the inflammatory cells in progressing tumor-like alveolar hydatid cysts: 1. Kinetics and composition of inflammatory infiltrates. Treves S, et al. **Tropenmed Parasitol** 1984 Sep;35(3):183-8

IMMUNOLOGY

Echinococcus granulosus: diagnosis of hydatid disease in man. Dottorini S, et al. **Ann Trop Med Parasitol** 1985 Feb;79(1):43-9

Echinococcus granulosus antigens: comparative analysis of human, bovine and ovine hydatid fluids. Pezzella M, et al. **Ann Trop Med Parasitol** 1984 Oct;78(5):549-51

Echinococcus granulosus: additional studies on selected sera from seronegative patients with hydatidosis. Dottorini S, et al. **Boll Ist Sieroter Milan** 1984;63(6):513-8

Species-specific immunodiagnosis of human echinococcosis with crude antigens. Knobloch J, et al. **Eur J Clin Microbiol** 1984 Dec;3(6):554-5

The immune response to Echinococcus granulosus: sequential histological observations of lymphoreticular and connective tissues during early murine infection. Riley EM, et al. **J Comp Pathol** 1985 Jan;95(1):93-104

Characterization of parasite antigens from human hydatid cyst fluid by SDS-PAGE and IEF. d'Amelio R, et al. **Med Microbiol Immunol (Berl)** 1985;174(1):43-50

Purification and characterization of a specific antigen from Echinococcus multilocularis. Gottstein B. **Parasite Immunol** 1985 May;7(3):201-12

Fractionation and characterization of hydatid fluid antigens with identification of an antigen similar to human serum albumin. Pezzella M, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):821-6

Egg yolk immunoglobulin Y as an alternative antibody in the serology of echinococcosis. Gottstein B, et al. **Z Parasitenkd** 1985;71(2):273-6

[Interaction of the parasitic antigen cytolipin P with erythrocyte factor P1] Hrženjak T, et al. **Bilt Hematol Transfuz** 1983;11(2-3):33-8 (Eng. Abstr.) **(Ser)**

ISOLATION & PURIFICATION

Echinococcus multilocularis in Wisconsin. Ballard NB. **J Parasitol** 1984 Oct;70(5):844

PHYSIOLOGY

Viability and infectivity of protoscolices of Echinococcus multilocularis stored at different temperatures. Ohnishi K, et al. **Int J Parasitol** 1984 Dec;14(6):577-80

ECHINODERMATA

[Effect of cucumarioside (a triterpene glycoside from the holothurian Cucumaria japonica) on the development of an immune response in mice to corpuscular pertussis vaccine] Sedov AM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):100-4 (Eng. Abstr.) **(Rus)**

EMBRYOLOGY

The role of Ca2+ in the regulation of embryogenesis in early amphibian and echinoderm embryos. Duncan CJ. **Life Sci** 1984 Dec 17;35(25):2481-8

PHYSIOLOGY

The energy budget of Porcellio spinicornis Say (Porcellionidae, Isopoda) under laboratory conditions. Bukhari NA, et al. **Arch Int Physiol Biochim** 1984 Aug;92(2):73-9

ECHINOMYCIN see under **QUINOXALINES**

ECHINOPANAX see **GINSENG**

ECHINOSTOMA

PHYSIOLOGY

Response to the amoebocyte-producing organ of sensitized Biomphalaria glabrata after exposure to Echinostoma caproni miracidia. Joky A, et al. **J Invertebr Pathol** 1985 Jan;45(1):28-33

ECHINOSTOMIASIS see under **TREMATODE INFECTIONS**

ECHO VIRUSES see **ECHOVIRUSES**

ECHOCARDIOGRAPHY

Echocardiographic study of Marfan's syndrome. Liang GF, et al. **Acta Acad Med Wuhan** 1984;4(3):163-9

Proceedings of the Third European Conference on Mechanography. Berlin, GDR, September 22-24, 1983. Abstracts. **Acta Cardiol (Brux)** 1985;40(1):1-178

Detection of left ventricular false tendons by two-dimensional echocardiography. Pierard LA, et al. **Acta Cardiol (Brux)** 1985;40(2):229-35

Paradoxical ventricular septal motion after cardiac surgery. Analysis of M-mode echocardiograms and follow-up in 324 patients. Schroeder E, et al. **Acta Cardiol (Brux)** 1985;40(3):315-24

Clinically suspected severe ischaemia-induced mitral regurgitation. Spectrum of lesions and features of high surgical risk by echocardiography. Egeblad H, et al. **Acta Med Scand** 1984;216(3):243-9

Echocardiographic findings in a patient with left ventricular pseudoaneurysm. Eriksson S, et al. **Acta Med Scand** 1985;217(3):319-23

Echocardiographic variables in progeny of hypertensive and normotensive parents. Nielsen JR, et al. **Acta Med Scand [Suppl]** 1985;693:61-4

Comparison of gated cardiac MRI and 2D echocardiography of intracardiac neoplasms. Go RT, et al. **AJR** 1985 Jul;145(1):21-5

Sound waves track cardiac flow. Adhar GC, et al. **Ala J Med Sci** 1985 Jan;22(1):81-9 (9 ref.)

Aortic valve ring abscess: two-dimensional echocardiographic features leading to valve replacement. Agatston AS, et al. **Am Heart J** 1985 Jan;109(1):171-2

Echocardiographic findings in prosthetic mitral valve dysfunction. Amann FW, et al. **Am Heart J** 1984 Dec;108(6):1573-7

Long-term echocardiographic evaluation of cardiac size and function in patients with Kawasaki disease. Anderson TM, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):107-15

Two-dimensional echocardiography versus surface electrocardiography for the diagnosis of acute non-Q wave myocardial infarction. Arvan S, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):44-9

Relationship between auscultatory events and structural abnormalities in mitral valve prolapse: a two-dimensional echocardiographic evaluation. Arvan S, et al. **Am Heart J** 1984 Nov;108(5):1298-306

Persistent intracardiac thrombi and systemic embolization despite anticoagulant therapy. Arvan S. **Am Heart J** 1985 Jan;109(1):178-81

The role of prehospital discharge two-dimensional echocardiography in determining the prognosis of survivors of first myocardial infarction. Bhatnagar SK, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):472-7

Pseudoposterior pericardial effusion due to enlarged left atrium. Chen CC, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1044-6

Echocardiographic diagnosis of unruptured aneurysm of right sinus of Valsalva: an unusual cause of right ventricular outflow obstruction. Desai AG, et al. **Am Heart J** 1985 Feb;109(2):363-4

Evaluation of the association of mitral valve prolapse in patients with Wolff-Parkinson-White type ECG and its relationship to the ventricular activation pattern. Drake CE, et al. **Am Heart J** 1985 Jan;109(1):83-7

Two-dimensional echocardiographic identification of blood stasis in the left atrium. Garcia-Fernandez MA, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):600-1

The cardiovascular response to chronic physical exertion and exercise training: an echocardiographic review. Graettinger WF. **Am Heart J** 1984 Oct;108(4 Pt 1):1014-8

Unroofed coronary sinus demonstrated by two-dimensional echocardiography. Hamada Y, et al. **Am Heart J** 1984 Dec;108(6):1558-60

Two-dimensional echocardiographic demonstration of flail pulmonic valve due to infective endocarditis. Harasawa Y, et al. **Am Heart J** 1984 Dec;108(6):1552-4

Symmetric cardiac enlargement in highly trained endurance athletes: a two-dimensional echocardiographic study. Hauser AM, et al. **Am Heart J** 1985 May;109(5 Pt 1):1038-44

Estimation of regional stress in the left ventricular septum and free wall: an echocardiographic study suggesting a mechanism for asymmetric septal hypertrophy. Heng MK, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):84-90

Evaluation of biventricular involvement in hypotensive patients with transmural inferior infarction by two-dimensional echocardiography. Jugdutt BI, et al. **Am Heart J** 1984 Dec;108(6):1417-26

Two-dimensional echocardiography of congenital absence of pericardium. Kansal S, et al. **Am Heart J** 1985 Apr;109(4):912-5

Detection of thrombosed aortic Björk-Shiley valve by two-dimensional echocardiography. Kinney EL, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1042-4

Detection of posterior mediastinal lymphoma by pulsed Doppler echocardiography. Kinney EL, et al. **Am Heart J** 1984 Nov;108(5):1365-9

Value of two-dimensional echocardiographic detection of incomplete mitral leaflet closure. Kinney EL, et al. **Am Heart J** 1985 Jan;109(1):87-90

Two-dimensional echocardiographic appearance of pseudo-dehiscence of Hancock aortic prosthesis. Kinney EL, et al. **Am Heart J** 1985 Jan;109(1):169-71

The importance of two-dimensional echocardiography in identification and assessment of the left atrium. Kraynak JC, et al. **Am Heart J** 1985 Jan;109(1):181-5

Metastatic tumors of the heart detected by two-dimensional echocardiography. Kutalek SP, et al. **Am Heart J** 1985 Feb;109(2):343-9

The effects of sampling site on the two-dimensional echo-Doppler determination of cardiac output. Labovitz AJ, et al. **Am Heart J** 1985 Feb;109(2):327-32

Reversible dilatation of hypertrophied left ventricle in pheochromocytoma: serial two-dimensional echocardiographic observations. Lam JB, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):613-5

Echocardiographic evaluation of patients with systemic sarcoidosis. Lewin RF, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):116-22

Two-dimensional echocardiography for detection of primary right atrial thrombus in pulmonary embolism. Lim SP, et al. **Am Heart J** 1984 Dec;108(6):1546-7

Transient right atrial thrombus resulting in pulmonary embolism detected by two-dimensional echocardiography. Malloy PC, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1047-9

Hydatid cyst of the heart: diagnosis by two-dimensional echocardiography and computed tomography. Malouf J, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):605-7

The value of echocardiographic regional wall motion abnormalities in detecting coronary artery disease in patients with or without a dilated left ventricle. Medina R, et al. **Am Heart J** 1985 Apr;109(4):799-803

Atherosclerotic plaque simulating aortic dissection by echocardiography and angiography. Nestico P, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):607-9

Antemortem echocardiographic identification of right atrial thromboembolus. Percy RF, et al. **Am Heart J** 1985 Feb;109(2):370-1

Echocardiographic diagnosis of mobile right atrial thrombus:

early recognition and treatment. Quinn TJ, et al. **Am Heart J** 1984 Dec;108(6):1548-50

Effect of coronary bypass surgery and valve replacement on left ventricular function: assessment by intraoperative two-dimensional echocardiography. Ren JF, et al. **Am Heart J** 1985 Feb;109(2):281-9

Two-dimensional echocardiographic demonstration of a bullet in the heart. Roehm EF, et al. **Am Heart J** 1985 Apr;109(4):910-2

Transient myocardial ischemia with minimal electrocardiographic changes: an echocardiographic study in patients with Prinzmetal's angina. Rovai D, et al. **Am Heart J** 1985 Jan;109(1):78-83

The role of aortic valve calcium in the detection of aortic stenosis: an echocardiographic study. Rubler S, et al. **Am Heart J** 1985 May;109(5 Pt 1):1049-58

Two-dimensional echocardiographic findings in double-chambered right ventricle. Shimada R, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1059-61

The role of echocardiography and computed tomography in the evaluation of constrictive pericarditis. Sutton FJ, et al. **Am Heart J** 1985 Feb;109(2):350-5

Two-dimensional echocardiographic diagnosis of myocardial abscess complicating ventricular septal defect. Vargas-Barron J, et al. **Am Heart J** 1985 May;109(5 Pt 1):1109-10

Differential diagnosis of various causes of systolic-diastolic murmurs using pulsed Doppler echocardiography. Vargas-Barron J, et al. **Am Heart J** 1984 Dec; 108(6):1507-13

Echocardiographic recognition of pulmonary artery endarteritis in patent ductus arteriosus. Vargas-Barron J, et al. **Am Heart J** 1985 Feb;109(2):368-70

Ruptured sinus of Valsalva: demonstration by contrast echocardiography during cardiac catheterization. Vered Z, et al. **Am Heart J** 1985 Feb;109(2):365-6

Diagnostic precision of echocardiography in mitral valve prolapse. Wann LS, et al. **Am Heart J** 1985 Apr; 109(4):803-8

Two-dimensional echocardiographic documentation of accessory chordae tendineae accompanying isolated anterior mitral cleft. Yamamoto Y, et al. **Am Heart J** 1984 Dec;108(6):1554-6

Diastolic fluttering of interventricular septum in left atrial sarcoma. Yoshimura H, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1050-2

Echocardiographic-electrocardiographic correlates. Zoneraich S. **Am Heart J** 1985 Jul;110(1 Pt 1):193-6

M-mode echocardiography for diagnosis of atrial flutter [letter] Abinader EG. **Am J Cardiol** 1985 Feb 15;55(5):621

Diagnosis of constrictive pericarditis by pulsed Doppler echocardiography. Agatston AS, et al. **Am J Cardiol** 1984 Oct 1;54(7):929-30

Noninvasive assessment of right ventricular systolic pressure in atrial septal defect [letter] Akaishi M, et al. **Am J Cardiol** 1984 Nov 1;54(8):1170

Sensitivity and specificity of two-dimensional echocardiographic signs of mitral valve prolapse. Alpert MA, et al. **Am J Cardiol** 1984 Oct 1;54(7):792-6

Echocardiographic incidence of cardiac rhabdomyoma in tuberous sclerosis. Bass JL, et al. **Am J Cardiol** 1985 May 1;55(11):1379-82

Detecting and excluding significant left main coronary artery narrowing by echocardiography. Block PJ, et al. **Am J Cardiol** 1985 Apr 1;55(8):937-40

Nonpenetrating traumatic ventricular septal defect: two-dimensional echocardiographic and angiographic findings. Boland MJ, et al. **Am J Cardiol** 1985 Apr 15; 55(9):1242-3

Diagnosis of aortic dissection by transesophageal echocardiography. Börner N, et al. **Am J Cardiol** 1984 Nov 1;54(8):1157-8

Failure of St. Jude Medical mitral prosthesis diagnosed by two-dimensional echocardiography. Bradley LM, et al. **Am J Cardiol** 1984 Dec 1;54(10):1385

Subdiaphragmatic fluid mimicking loculated pericardial effusion on echocardiography. Bream R, et al. **Am J Cardiol** 1984 Dec 1;54(10):1388-9

Two-dimensional echocardiographically guided pericardiocentesis: experience in 117 consecutive patients. Callahan JA, et al. **Am J Cardiol** 1985 Feb 1;55(4):476-9

Identification of the increased frequency of cardiovascular abnormalities associated with mitral valve prolapse by two-dimensional echocardiography. Chandraratna PA, et al. **Am J Cardiol** 1984 Dec 1;54(10):1283-5

A new echocardiographic classification of left atrial myxoma. Charuzi Y, et al. **Am J Cardiol** 1985 Feb 15;55(5):614-5

Accuracy of prospective two-dimensional echocardiographic evaluation of left ventricular outflow tract in complete transposition of the great arteries. Chin AJ, et al. **Am J Cardiol** 1985 Mar 1;55(6):759-64

Two-dimensional echocardiographic localization of residual atrial shunts after the Senning procedure. Chin AJ, et al. **Am J Cardiol** 1985 Apr 15;55(9):1238-9

Doppler detection of acquired ventricular septal defect. Come PC. **Am J Cardiol** 1985 Feb 15;55(5):586-8

Comparison of M-mode echocardiographic measurement of right ventricular wall thickness obtained by the subcostal and parasternal approach in children. Cooper MJ, et al. **Am J Cardiol** 1984 Oct 1;54(7):835-8

Echocardiographic features of amyloid ischemic heart disease. Cueto-Garcia L, et al. **Am J Cardiol** 1985 Feb 15;55(5):606-7

Subxiphoid two-dimensional echocardiographic identification of tricuspid valve abnormalities in transposition of the great arteries with ventricular septal defect. Deal BJ, et al. **Am J Cardiol** 1985 Apr 15; 55(9):1146-51

Echocardiographic versus hemodynamic monitoring during attacks of variant angina pectoris. Distante A, et al. **Am J Cardiol** 1985 May 1;55(11):1319-22

Anatomic and functional 'obstruction' of the outflow tract in atrioventricular septal defects with separate valve orifices ('ostium primum atrial septal defect'): an echocardiographic study. Ebels T, et al. **Am J Cardiol** 1984 Oct 1;54(7):843-7

Subcostal M-mode echocardiography of atrial septum for diagnosis of atrial flutter. Goldbaum TS, et al. **Am J Cardiol** 1984 Nov 1;54(8):1143-5

Quantitative assessment by Doppler echocardiography of pulmonary or aortic regurgitation. Goldberg SJ, et al. **Am J Cardiol** 1985 Jul 1;56(1):131-5

Cardiac imaging with ultrasound: rightside up or upside down? [editorial] Gutgesell HP. **Am J Cardiol** 1985 Sep 1;56(7):479-80

Accuracy of two-dimensional echocardiography in the diagnosis of congenital heart disease. Gutgesell HP, et al. **Am J Cardiol** 1985 Feb 15;55(5):514-8

Dissociation between two-dimensional echocardiographic left ventricular wall motion and myocardial salvage in early experimental acute myocardial infarction in dogs. Hammerman H, et al. **Am J Cardiol** 1984 Oct 1;54(7):875-9

Echocardiographic characteristics of pulmonary and aortic valve motion in the Eisenmenger's syndrome from ventricular septal defect. Haugland H, et al. **Am J Cardiol** 1984 Oct 1;54( ):927-9

Two-dimensional echocardiographic demonstration of multiple needles in the heart. Hsiung MC, et al. **Am J Cardiol** 1985 Apr 15;55(9):1245

Combined atrial septal aneurysm and mitral valve prolapse: detection by two-dimensional echocardiography. Iliceto S, et al. **Am J Cardiol** 1984 Nov 1;54(8):1151-3

Dynamic intracavitary left atrial echoes in mitral stenosis. Iliceto S, et al. **Am J Cardiol** 1985 Feb 15;55(5):603-6

Electrocardiographic diagnosis of left ventricular hypertrophy in the presence of left bundle branch block: an echocardiographic study. Kafka H, et al. **Am J Cardiol** 1985 Jan 1;55(1):103-6

Frequency of pericardial effusion as determined by M-mode echocardiography in acute myocardial infarction. Kaplan K, et al. **Am J Cardiol** 1985 Feb 1;55(4):335-7

Mitral and tricuspid valve anular diameter in normal children determined by two-dimensional echocardiography. King DH, et al. **Am J Cardiol** 1985 Mar 1;55(6):787-9

Noninvasive detection of anomalous origin of the left main coronary artery from the pulmonary trunk by pulsed Doppler echocardiography. King DH, et al. **Am J Cardiol** 1985 Feb 15;55(5):608-9

Complete pulmonic valve opening during atrial contraction after right ventricular infarction. López-Sendón J, et al. **Am J Cardiol** 1985 Sep 1;56(7):486-7

Complete transposition of the great arteries: visualization of left and right outflow tract obstruction by oblique subcostal two-dimensional echocardiography. Marino B, et al. **Am J Cardiol** 1985 Apr 15;55(9):1140-5

Transatrial septal velocity measurement by Doppler echocardiography in atrial septal defect: correlation with Qp:Qs ratio. Marx GR, et al. **Am J Cardiol** 1985 Apr 15; 55(9):1162-7

Echocardiographic demonstration of satellite lesions in aortic valvular endocarditis. Nguyen NX, et al. **Am J Cardiol** 1985 May 1;55(11):1433-5

Myocardial infarct size threshold for two-dimensional echocardiographic detection: sensitivity of systolic wall thickening and endocardial motion abnormalities in small versus large infarcts. Pandian NG, et al. **Am J Cardiol** 1985 Feb 15;55(5):551-5

Intracavitary echoes in the aortic arch in type III aortic dissection. Panidis IP, et al. **Am J Cardiol** 1984 Nov 1; 54(8):1159-60

Echocardiographic findings before and after liver transplantation. Park SC, et al. **Am J Cardiol** 1985 May 1;55(11):1373-8

Usefulness of Doppler echocardiography in detecting tricuspid valve stenosis. Pérez JE, et al. **Am J Cardiol** 1985 Feb 15;55(5):601-3

Echophonocardiographic estimates of pulmonary artery wedge pressure in mitral stenosis. Rahko PS, et al. **Am J Cardiol** 1985 Feb 1;55(4):462-9

Reproducibility of stand-alone continuous-wave Doppler recordings of aortic flow velocity across bioprosthetic valves. Ramirez ML, et al. **Am J Cardiol** 1985 Apr 15; 55(9):1197-9

Straddling atrioventricular valve: two-dimensional echocardiographic diagnosis, classification and surgical implications. Rice MJ, et al. **Am J Cardiol** 1985 Feb 15; 55(5):505-13

Lipomatous hypertrophy of the atrial septum: diagnosis by combined two-dimensional echocardiography and computerized tomography. Silverman PM, et al. **Am J Cardiol** 1984 Nov 1;54(8):1156-7

Noninvasive recognition of functional pulmonary atresia by echocardiography. Smallhorn JF, et al. **Am J Cardiol** 1984 Oct 1;54(7):925-6

Combined noninvasive assessment of the patent ductus arteriosus in the preterm infant before and after indomethacin treatment. Smallhorn JF, et al. **Am J Cardiol** 1984 Dec 1;54(10):1300-4

Patterns of systolic anterior motion of the mitral valve in hypertrophic cardiomyopathy: assessment by two-dimensional echocardiography. Spirito P, et al. **Am J Cardiol** 1984 Nov 1;54(8):1039-46

Prevalence of aortic valve prolapse with bicuspid aortic valve and its relation to aortic regurgitation: a cross-sectional echocardiographic study. Stewart WJ, et al. **Am J Cardiol** 1984 Dec 1;54(10):1277-82

Left and right ventricular function in inferior acute myocardial infarction and significance of advanced atrioventricular block. Strasberg B, et al. **Am J Cardiol** 1984 Nov 1;54(8):985-7

Improvement in left ventricular diastolic function during intravenous and oral diltiazem therapy in patients with hypertrophic cardiomyopathy: an echocardiographic study. Suwa M, et al. **Am J Cardiol** 1984 Nov 1; 54(8):1047-53

Two-dimensional echocardiographic estimation of right ventricular area change and ejection fraction in infants with systemic right ventricle (transposition of the great arteries or hypoplastic left heart syndrome). Trowitzsch E, et al. **Am J Cardiol** 1985 Apr 15;55(9):1153-7

Factors affecting accuracy of in vitro valvar pressure gradient estimates by Doppler ultrasound. Vasko SD, et al. **Am J Cardiol** 1984 Oct 1;54(7):893-6

Doppler hemodynamic evaluation of prosthetic (Starr-Edwards and Björk-Shiley) and bioprosthetic (Hancock and Carpentier-Edwards) cardiac valves. Williams GA, et al. **Am J Cardiol** 1985 Aug 1;56(4):325-32

Simplified Doppler estimation of mitral valve area. Yang SS, et al. **Am J Cardiol** 1985 Sep 1;56(7):488-9

A review of pediatric Doppler echocardiography. Goldberg SJ. **Am J Dis Child** 1984 Nov;138(11):1003-9 (23 ref.)

Sarcoidosis mimicking cor triatriatum. Echolucency of adenopathy due to sarcoidosis. Walsh TK, et al. **Am J Med** 1985 Mar;78(3):501-5

Fetal echocardiography. V. M-mode measurements of the aortic root and aortic valve in second- and third-trimester normal human fetuses. DeVore GR, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):543-50

Fetal echocardiography. IV. M-mode assessment of ventricular size and contractility during the second and third trimesters of pregnancy in the normal fetus. DeVore GR, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):981-8

Application of Doppler echocardiography in the assessment of fetal cardiac disease. Maulik D, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):951-7

Maternal lithium and neonatal Ebstein's anomaly: evaluation with cross-sectional echocardiography. Long WA, et al. **Am J Perinatol** 1984 Jan;1(2):182-4

Main systolic blood flow patterns in the left and right ventricular outflow tracts determined by Doppler echocardiography. Itoh K. **Angiology** 1985 Mar; 36(3):143-53

Non invasive study of carotid arteries by echo-doppler and metabolic abnormalities in patients with dementia. Postiglione A, et al. **Angiology** 1985 Mar;36(3):160-4

Right ventricular myxoma. Viswanathan B, et al. **Ann Thorac Surg** 1985 Mar;39(3):280-1

Persistent chest pain one year after cardiac surgery. DuBois BV, et al. **Arch Intern Med** 1985 May;145(5):895-6

Insidious onset of fatigue, dyspnea, and leg edema. Lee YC, et al. **Arch Intern Med** 1985 Oct;145(10):1893-4

Using Doppler ultrasound to quantify mitral valvular disease. Salinger M, et al. **Arch Intern Med** 1984 Nov; 144(11):2223-5

Echocardiographic diagnosis of cardiac tumours—Royal Children's Hospital, Melbourne experience, 1979-1983. Menahem S, et al. **Australas Radiol** 1984 May;28(2):114-9

Echocardiography in the coronary care unit. Woolridge JD. **Australas Radiol** 1984 Nov;28(4):339-40

Echocardiography cases. Johnson CD. **Bol Asoc Med PR** 1985 Apr;77(4):163-5

Echocardiography cases. Mitral valve stenosis. Johnson CD. **Bol Asoc Med PR** 1985 May;77(5):209-11

Echocardiography cases. Pulmonary regurgitation. Johnson CD, et al. **Bol Asoc Med PR** 1984 Oct;76(10):452-4

Echocardiographic and anatomical correlations in fetal congenital heart disease. Allan LD, et al. **Br Heart J** 1984 Nov;52(5):542-8

Echocardiographic features of a mediastinal pancreatic pseudocyst. Aroney CN, et al. **Br Heart J** 1985 May; 53(5):571-3

Right atrial embolus. Echocardiographic features. Bergman G, et al. **Br Heart J** 1985 May;53(5):552-5

Resolution of right atrial thrombus shown by serial cross sectional echocardiography. Brown AK, et al. **Br Heart J** 1985 Jun;53(6):659-61

Functional and anatomical correlates in atrial septal defect. An echocardiographic analysis. Forfar JC, et al. **Br Heart J** 1985 Aug;54(2):193-200

Cross sectional echocardiographic diagnosis of total anomalous pulmonary venous connection. Huhta JC, et al. **Br Heart J** 1985 May;53(5):525-34

Changing echocardiographic features of a hydatid cyst of the heart. Kostucki W, et al. **Br Heart J** 1985 Aug; 54(2):224-5

Preoperative prediction of prosthesis size using cross sectional echocardiography in patients requiring aortic valve replacement. Mackay A, et al. **Br Heart J** 1985 May; 53(5):507–9

Unruptured right coronary sinus to left ventricle aneurysm diagnosed by cross sectional echocardiography. Mok CK, et al. **Br Heart J** 1985 Feb;53(2):226–9

Cross sectional echocardiographic and angiocardiographic correlation in criss cross hearts. Robinson PJ, et al. **Br Heart J** 1985 Jul;54(1):61–7

Left ventricular outflow tract obstruction in complete transposition of the great arteries with intact ventricular septum. A cross sectional echocardiography study. Robinson PJ, et al. **Br Heart J** 1985 Aug;54(2):201–8

Continuous wave Doppler velocimetry as an adjunct to cross sectional echocardiography in the diagnosis of critical left heart obstruction in neonates. Robinson PJ, et al. **Br Heart J** 1984 Nov;52(5):552–6

Intracardiac contrast echoes during transvenous His bundle ablation. Rowland E, et al. **Br Heart J** 1985 Mar; 53(3):240–2

Clinical value of Doppler echocardiography in the assessment of adults with aortic stenosis. Simpson IA, et al. **Br Heart J** 1985 Jun;53(6):636–9

Vegetations in infective endocarditis. Clinical relevance and diagnosis by cross sectional echocardiography. Stafford WJ, et al. **Br Heart J** 1985 Mar;53(3):310–3

Comparative recognition of left ventricular thrombi by echocardiography and cineangiography. Takamoto T, et al. **Br Heart J** 1985 Jan;53(1):36–42

Diagnosis of pseudoaneurysm of the ascending aorta by pulsed Doppler cross sectional echocardiography. Wendel CH, et al. **Br Heart J** 1985 May;53(5):567–70

Role of echocardiography in differential diagnosis of broad complex tachycardia. Wren C, et al. **Br Heart J** 1985 Aug; 54(2):166–72

Detection of coronary arterial lesions by two dimensional echocardiography in patients with Kawasaki disease. Ishihara H, et al. **Bull Tokyo Med Dent Univ** 1984 Sep; 31(3):139–43

Diagnosis of fetal heart abnormalities by echocardiography and its significance in the obstetric and fetal management. Pizzuto F, et al. **Cardiologia** 1985 Jan;30(1):25–32

Value and limitations of echocardiography in endocarditis. Editorial comments to the paper by Burger et al. Amsterdam EA. **Cardiology** 1984;71(4):229–31

Right ventricular dysfunction in acute inferoposterior myocardial infarction. An echocardiographic and isotopic study. Arditti A, et al. **Chest** 1985 Mar;87(3):307–14

Echocardiographic detection of right atrial thromboembolism. Armstrong WF, et al. **Chest** 1985 Jun; 87(6):801–6

Two-dimensional and pulsed Doppler echocardiographic abnormalities in coronary artery–pulmonary artery fistula. Chia BL, et al. **Chest** 1984 Dec;86(6):901–4

Two-dimensional echocardiographic abnormalities of right atrial metastatic tumors in hepatoma. Chia BL, et al. **Chest** 1985 Mar;87(3):399–401

Musical murmur and cardiac shudder. Choo MH, et al. **Chest** 1985 Jun;87(6):836–7

Systolic anterior motion of the mitral valve. An unusual echocardiographic feature of mitral valve endocarditis. Enia F, et al. **Chest** 1984 Nov;86(5):791–3

Atrial volume in a normal adult population by two-dimensional echocardiography. Wang Y, et al. **Chest** 1984 Oct;86(4):595–601

Comparison of Doppler echocardiographic peak frequency and turbulence parameters in the quantification of aortic stenosis in a pulsatile flow model. Cannon SR, et al. **Circulation** 1985 Jan;71(1):129–35

Echocardiographic recognition and implications of ventricular hypertrophic trabeculations and aberrant bands. Keren A, et al. **Circulation** 1984 Nov;70(5):836–42

The relative merits of pulsus paradoxus and right ventricular diastolic collapse in the early detection of cardiac tamponade: an experimental echocardiographic study. Klopfenstein HS, et al. **Circulation** 1985 Apr;71(4):829-33

Right ventricular and right atrial collapse in patients with cardiac tamponade—a combined echocardiographic and hemodynamic study. Singh S, et al. **Circulation** 1984 Dec; 70(6):966–71

Morphologic determinants of hemodynamic state after ventricular septal myotomy–myectomy in patients with obstructive hypertrophic cardiomyopathy. M mode and two-dimensional echocardiographic assessment. Spirito P, et al. **Circulation** 1984 Dec;70(6):984–95

A new method to calculate aortic valve area without left heart catheterization. Warth DC, et al. **Circulation** 1984 Dec;70(6):978–83

Presumptive evidence of cardiac rheumatoid nodules assessed by two-dimensional echocardiography. A preliminary report. Beaver BB, et al. **Cleve Clin Q** 1985 Spring; 52(1):61–4

The 'straight back' syndrome: current perspective more often associated with valvular heart disease than pseudoheart disease: a prospective clinical, electrocardiographic, roentgenographic, and echocardiographic study of 50 patients. Ansari A. **Clin Cardiol** 1985 May;8(5):290–305

An evaluation of two-dimensional echocardiography in the diagnosis of hypertrophic cardiomyopathy. Ballester M, et al. **Clin Cardiol** 1984 Dec;7(12):631–8 (56 ref.)

Detection of different blood flow patterns in the true and false lumina with aortic root dissection by pulsed Doppler echocardiography. Mohri M, et al. **Clin Cardiol** 1985 Apr; 8(4):225–7

Systolic murmurs in pregnancy: value of echocardiographic assessment. Northcote RJ, et al. **Clin Cardiol** 1985 Jun; 8(6):327–8

Values of electrocardiography and two-dimensional echocardiography to identify myocardial infarction due to left circumflex and right coronary artery disease. Ogawa S, et al. **Clin Cardiol** 1985 May;8(5):269–75

Echocardiographic findings in Pompe's disease with left ventricular obstruction. Shapir Y, et al. **Clin Cardiol** 1985 Mar;8(3):181–5

The inaccuracy of aortic valve systolic flutter as a screening test for significant aortic stenosis. Vacek JL, et al. **Clin Cardiol** 1984 Apr;7(4):229-32

Interest of ambulatory blood pressure, exercise test recordings and echocardiographic measurements, in borderline arterial hypertension. De Gaudemaris R, et al. **Clin Exp Hypertens [A]** 1985;7(2–3):371–9

Echocardiographic evaluation of infective endocarditis in children. Bricker JT, et al. **Clin Pediatr (Phila)** 1985 Jun; 24(6):312–7

Fatal aortic rupture presenting as chest pain in an adolescent. The role of echocardiography in occult cystic medial necrosis. Schaffer MS, et al. **Clin Pediatr (Phila)** 1985 Apr; 24(4):216–8

Computerized echocardiographic study of left ventricular function and cardiodynamic investigation with a new antihypertensive agent (indenolol). Venco A, et al. **Clin Ther** 1985;7(3):347–56

Use of a programmable calculator for rapid, low-cost processing of echocardiographic records. Lust RM, et al. **Comput Biol Med** 1984;14(4):491–7

Shape analysis of two-dimensional echocardiograms in mitral valve prolapse. Stickels K, et al. **Comput Biomed Res** 1985 Jun;18(3):287–302

CT diagnosis of left atrial thrombus undiagnosed by echocardiography. Rousso I, et al. **Comput Radiol** 1984 Sep–Oct;8(5):293–6

Distribution of hypertrophy in obstructive and non-obstructive types of hypertrophic cardiomyopathy. Gregor P, et al. **Cor Vasa** 1984;26(4):275–80

Cardiac tamponade from ventricular rupture: value of two-dimensional echocardiography in guiding acute surgical management. Choo MH, et al. **Crit Care Med** 1985 May;13(5):446–7

Doppler echocardiographic diagnosis and quantification of valvular heart disease. Richards KL. **Curr Probl Cardiol** 1985 Feb;10(2):1–49

Correlation of echocardiographic and surgical findings in acute bacterial endocarditis. Becher H, et al. **Eur Heart J** 1984 Oct;5 Suppl C:67–70

Cross-sectional echocardiographic findings in a patient with pyogenic pericardial effusion and cardiac tamponade. Brown AK, et al. **Eur Heart J** 1985 Apr;6(4):365–7

Precision of digitized M-mode echocardiograms for clinical practice. Bullock RE, et al. **Eur Heart J** 1984 Nov; 5(11):941–7

The role of echocardiography in suspected bacterial endocarditis. Donaldson RM, et al. **Eur Heart J** 1984 Oct; 5 Suppl C:53–7

Aorto-left ventricular communication arising from the left aortic sinus of Valsalva: echocardiographic diagnosis and surgical repair. Ekici E, et al. **Eur Heart J** 1985 Feb; 6(2):181–4

Diagnosis of aneurysm of the thoracic aorta. Comparison between two non invasive techniques: two-dimensional echocardiography and computed tomography. Iliceto S, et al. **Eur Heart J** 1984 Jul;5(7):545–55

2D echocardiographic diagnosis of total anomalous pulmonary venous connection of the infradiaphragmatic type. Lam J, et al. **Eur Heart J** 1984 Oct;5(10):842–5

Comparative study of echo- and angiocardiographically determined regional left ventricular wall motion in recent myocardial infarction. Lindvall K, et al. **Eur Heart J** 1984 Jul;5(7):533–44

Morphological findings in apparently idiopathic ventricular tachycardia. An echocardiographic haemodynamic and histologic study. Morgera T, et al. **Eur Heart J** 1985 Apr; 6(4):323–34

Two-dimensional echocardiographic recognition of aortic valve ring abscess. Neimann JL, et al. **Eur Heart J** 1984 Oct;5 Suppl C:59–65

Measurement of the end-diastolic pressure gradient and mitral valve area in mitral stenosis by Doppler ultrasound. Robson DJ, et al. **Eur Heart J** 1984 Aug;5(8):660–7

The value of rest and exercise radionuclide ventriculography as compared to echocardiography and angiography in the detection of left ventricular dysfunction in patients with chronic aortic regurgitation. Firth BG. **Herz** 1984 Oct; 9(5):279–87

Two-dimensional echocardiographic features of right ventricular anomalous muscle bundle. Kaul UA, et al. **Indian Heart J** 1985 Jan–Feb;37(1):69–71

M-mode and two-dimensional echocardiographic features of atrial myxomas. Lakshmikanthan C, et al. **Indian Heart J** 1982 Nov–Dec;34(6):396–400

Echocardiographic manifestations of cardiac amyloidosis. Prakash S, et al. **Indian Heart J** 1985 Jan–Feb;37(1):66–8

Echo visualisation of pacemaker lead. Samdarshi TE, et al. **Indian Heart J** 1985 Mar–Apr;37(2):101–4

Two dimensional echocardiographic study of left ventricular false tendons—an assessment of its incidence and clinical importance. Sethuraman KR, et al. **Indian Heart J** 1984 Jul–Aug;36(4):215–7

Congenital aortic atresia with intact ventricular septum and normal left ventricle. Diagnosis by cross-sectional echocardiography. Cabrera A, et al. **Int J Cardiol** 1985 Jul;8(3):339–42

Echocardiographic diagnosis of cardiac embolus. Davis MJ, et al. **Int J Cardiol** 1984 Nov;6(5):629–32

Echocardiographic evaluation after blunt trauma of the chest. Markiewicz W, et al. **Int J Cardiol** 1985 Jul;8(3):269–74

Mitral valve aneurysm revealed by cross-sectional echocardiography in a patient with mitral valve prolapse. Rückel A, et al. **Int J Cardiol** 1984 Nov;6(5):633–7

Relation between myocardial contractility, hypertrophy and pump performance in patients with chronic aortic regurgitation: an echocardiographic study. Scognamiglio R, et al. **Int J Cardiol** 1984 Oct;6(4):473–88

Quantification of transvalvular pressure differences in aortic stenosis by Doppler ultrasound. Teien D, et al. **Int J Cardiol** 1985 Feb;7(2):121–8

Echocardiography in clinical pharmacology: developing new concepts on the pathophysiology of left ventricular hypertrophy in arterial hypertension. Corea L, et al. **Int J Clin Pharmacol Res** 1983;3(3):157–61

Echocardiographic findings of mitral and tricuspid valve prolapse in primary pulmonary hypertension. Arditti A, et al. **Isr J Med Sci** 1985 Jun;21(6):504–10

Aortico-left ventricular tunnel with ventricular septal defect: two-dimensional/Doppler echocardiographic diagnosis. Bash SE, et al. **J Am Coll Cardiol** 1985 Mar;5(3):757–60

Smoke-like echo in the left atrial cavity in mitral valve disease: its features and significance. Beppu S, et al. **J Am Coll Cardiol** 1985 Oct;6(4):744–9

Quantitative assessment of pulmonary hypertension in patients with tricuspid regurgitation using continuous wave Doppler ultrasound. Berger M, et al. **J Am Coll Cardiol** 1985 Aug;6(2):359–65

'Atrial systolic notch' and 'early diastolic notch' on the interventricular septal echogram in constrictive pericarditis [letter] Candell-Riera J, et al. **J Am Coll Cardiol** 1985 Apr; 5(4):1020–1

Diastolic atrial compression in a premature infant [letter] Casta A. **J Am Coll Cardiol** 1984 Nov;4(5):1069–71

Value of two-dimensional echocardiography in evaluating coronary artery disease: a randomized blinded analysis. Chen YZ, et al. **J Am Coll Cardiol** 1985 Apr;5(4):911–7

Continuous wave Doppler determination of right ventricular pressure: a simultaneous Doppler-catheterization study in 127 patients. Currie PJ, et al. **J Am Coll Cardiol** 1985 Oct; 6(4):750–6

Two-dimensional echocardiography in cardiac tamponade occurring after cardiac surgery. D'Cruz IA, et al. **J Am Coll Cardiol** 1985 May;5(5):1250–2

Right ventricular infarction: identification by hemodynamic measurements before and after volume loading and correlation with noninvasive techniques. Dell'Italia LJ, et al. **J Am Coll Cardiol** 1984 Nov;4(5):931–9

Detection of endocarditis-associated perivalvular abscesses by two-dimensional echocardiography. Ellis SG, et al. **J Am Coll Cardiol** 1985 Mar;5(3):647–53

M-mode echocardiography in constrictive pericarditis. Engel PJ, et al. **J Am Coll Cardiol** 1985 Aug;6(2):471–4

Increasing importance of Doppler echocardiography. Feigenbaum H. **J Am Coll Cardiol** 1985 Aug;6(2):366–8

Right atrial thromboemboli: clinical, echocardiographic and pathophysiologic manifestations. Felner JM, et al. **J Am Coll Cardiol** 1984 Nov;4(5):1041–51

Postoperative regression of left ventricular dimensions in aortic insufficiency: a long-term echocardiographic study. Fioretti P, et al. **J Am Coll Cardiol** 1985 Apr;5(4):856–61

Correlation of two-dimensional echocardiography and pathologic findings in porcine valve dysfunction. Forman MB, et al. **J Am Coll Cardiol** 1985 Feb;5(2 Pt 1):224–30

Comparison of magnetic resonance imaging and echocardiography in determination of cardiac dimensions in normal subjects. Friedman BJ, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1369–76

Pulsed Doppler and two-dimensional echocardiographic findings in aortico-left ventricular tunnel. Fripp RR, et al. **J Am Coll Cardiol** 1984 Nov;4(5):1012–4

Noninvasive assessment of left and right ventricular filling in myocardial infarction with a two-dimensional Doppler echocardiographic method. Fujii J, et al. **J Am Coll Cardiol** 1985 May;5(5):1155–60

Detection of intrapericardial hematoma after open heart surgery: the roles of echocardiography and computed tomography. Fyke FE 3d, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1496–9

Clinical significance of incomplete tricuspid valve closure seen on two-dimensional echocardiography. Gibson TC, et al. **J Am Coll Cardiol** 1984 Nov;4(5):1052–7

Increased right ventricular wall thickness in left ventricular pressure overload: echocardiographic determination of hypertrophic response of the 'nonstressed' ventricle. Gottdiener JS, et al. **J Am Coll Cardiol** 1985 Sep;6(3):550–5

Echocardiographic assessment of cardiac function in infants and children. Gutgesell HP. **J Am Coll Cardiol** 1985 Jan; 5(1 Suppl):95S–103S

Functional assessment of the Fontan operation: combined M-mode, two-dimensional and Doppler echocardiographic studies. Hagler DJ, et al.

J Am Coll Cardiol 1984 Oct;4(4):756–64

Sequence of mechanical, electrocardiographic and clinical effects of repeated coronary artery occlusion in human beings: echocardiographic observations during coronary angioplasty. Hauser AM, et al. **J Am Coll Cardiol** 1985 Feb;5(2 Pt 1):193–7

Doppler detection of ventricular septal defect [letter] Hoadley SD, et al. **J Am Coll Cardiol** 1985 Aug;6(2):493

Spontaneous echocardiographic contrast and hepatic congestion [letter] Hsu TL, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1500–1

Two-dimensional echocardiographic spectrum of univentricular atrioventricular connection. Huhta JC, et al. **J Am Coll Cardiol** 1985 Jan;5(1):149–57

Detection of coronary artery disease by two-dimensional echocardiography and transesophageal atrial pacing. Iliceto S, et al. **J Am Coll Cardiol** 1985 May;5(5):1188–97

Contrast echocardiography in acute myocardial ischemia. II. The effect of site of injection of contrast agent on the estimation of area at risk for necrosis after coronary occlusion. Kaul S, et al. **J Am Coll Cardiol** 1985 Oct;6(4):825–30

Echocardiographic recognition of paraseptal structures. Keren A, et al. **J Am Coll Cardiol** 1985 Oct;6(4):913–9

Ultrasonic assessment of cardiac function in the intact human fetus. Kleinman CS, et al. **J Am Coll Cardiol** 1985 Jan;5(1 Suppl):84S–94S

Noninvasive assessment of pacemaker hemodynamics by Doppler echocardiography: importance of left atrial size. Labovitz AJ, et al. **J Am Coll Cardiol** 1985 Jul;6(1):196–200

The newborn transitional circulation: a two-dimensional Doppler echocardiographic study. Mahoney LT, et al. **J Am Coll Cardiol** 1985 Sep;6(3):623–9

Echocardiography in assessing cardiac anatomy: summary and discussion. Meyer RA. **J Am Coll Cardiol** 1985 Jan;5(1 Suppl):44S–47S

Doppler echocardiographic features of ventricular septal rupture in myocardial infarction. Miyatake K, et al. **J Am Coll Cardiol** 1985 Jan;5(1):182–7

Echocardiographic manifestations of tense pericardial effusion. Naggar CZ, et al. **J Am Coll Cardiol** 1985 Aug;6(2):467–70

Impending paradoxical embolism from atrial thrombus: correct diagnosis by transesophageal echocardiography and prevention by surgery. Nellessen U, et al. **J Am Coll Cardiol** 1985 Apr;5(4):1002–4

Diaphragmatic hernia mimicking an atrial mass: a two-dimensional echocardiographic pitfall. Nishimura RA, et al. **J Am Coll Cardiol** 1985 Apr;5(4):992–5

Extracardiac conduit obstruction: initial experience in the use of Doppler echocardiography for noninvasive estimation of pressure gradient. Reeder GS, et al. **J Am Coll Cardiol** 1984 Nov;4(5):1006–11

An echocardiographic index for separation of right ventricular volume and pressure overload. Ryan T, et al. **J Am Coll Cardiol** 1985 Apr;5(4):918–27

Noninvasive detection of aortic insufficiency in patients with mitral stenosis by pulsed Doppler echocardiography. Saal AK, et al. **J Am Coll Cardiol** 1985 Jan;5(1):176–81

Two-dimensional echocardiographic recognition and repair of subvalvular mitral aneurysm of the left ventricle in an infant. Shaddy R, et al. **J Am Coll Cardiol** 1985 Mar;5(3):765–9

Echocardiographic techniques for assessing normal and abnormal fetal cardiac anatomy. Silverman NH, et al. **J Am Coll Cardiol** 1985 Jan;5(1 Suppl):20S–29S

Doppler echocardiography and computed tomography in diagnosis of left coronary arteriovenous fistula. Slater J, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1290–3

Noninvasive estimation of peak pulmonary artery pressure by M-mode echocardiography. Stevenson JG, et al. **J Am Coll Cardiol** 1984 Nov;4(5):1021–7

Left atrial isomerism associated with asplenia: prenatal echocardiographic detection of complex congenital cardiac malformations. Stewart PA, et al. **J Am Coll Cardiol** 1984 Nov;4(5):1015–20

Variable effects of changes in flow rate through the aortic, pulmonary and mitral valves on valve area and flow velocity: impact on quantitative Doppler flow calculations. Stewart WJ, et al. **J Am Coll Cardiol** 1985 Sep;6(3):653–62

Artifactual regional gray level variability in contrast-enhanced two-dimensional echocardiographic images: effect on measurement of the coronary perfusion bed. Taylor AL, et al. **J Am Coll Cardiol** 1985 Oct;6(4):831–8

Two-dimensional echocardiographic evaluation of right ventricular size and function in newborns with severe right ventricular outflow tract obstruction. Trowitzsch E, et al. **J Am Coll Cardiol** 1985 Aug;6(2):388–93

Two-dimensional echocardiographic findings in double orifice mitral valve. Trowitzsch E, et al. **J Am Coll Cardiol** 1985 Aug;6(2):383–7

Prediction of gradients in fibrous subaortic stenosis by continuous wave two-dimensional Doppler echocardiography: animal studies. Valdes-Cruz LM, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1363–7

Embolic potential of left ventricular thrombus after myocardial infarction: a two-dimensional echocardiographic study of 119 patients. Visser CA, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1276–80

Auscultatory and echocardiographic features of mobile left atrial thrombus. Warda M, et al. **J Am Coll Cardiol** 1985 Feb;5(2 Pt 1):379–82

Echocardiography in the neonate and young infant. Williams RG. **J Am Coll Cardiol** 1985 Jan;5(1 Suppl):30S–36S

The incidence of tricuspid valvular regurgitation in patients with severe chronic obstructive pulmonary disease as determined by two-dimensional echocardiography. Venditto MA, et al. **J Am Osteopath Assoc** 1984 Nov;84(3):264–7

Evaluation of left ventricular function in diabetes mellitus by M mode echocardiography. Misra NP, et al. **J Assoc Physicians India** 1985 Feb;33(2):152–4

Proceedings of the First Asian Conference on Mechanocardiography. November 23rd–26th, 1983, Tokyo, Japan. Proceedings and abstracts. **J Cardiogr** 1984 Oct;14 Suppl 5:1–286

Contribution of pharmacologic tests to the diagnosis of left ventricular regurgitations and obstructions: a phono-echocardiographic confrontation. Baragan J. **J Cardiogr** 1984 Oct;14 Suppl 5:47–51

Clinical significance of left ventricular hypertrophy in dilated cardiomyopathy: an echocardiographic follow-up of 50 patients. Hayakawa M, et al. **J Cardiogr** 1984 Jun;14(1):115–23

Pulsed Doppler technique versus cardiac catheterization. Kalmanson D, et al. **J Cardiogr** 1984 Oct;14 Suppl 5:11–7

Hemodynamic and pharmacologic influences on the left ventricular echo dimension-apex cardiogram loop in dogs. Kolev NS, et al. **J Cardiogr** 1984 Oct;14(3):537–42

Open mitral commissurotomy: long-term results with echocardiographic correlation. Breyer RH, et al. **J Cardiovasc Surg (Torino)** 1985 Jan–Feb;26(1):46–52

Early diastolic posterior aortic root slope, a clinical guide to the severity of mitral stenosis. Sniderman A, et al. **J Chronic Dis** 1985;38(9):767–74

Echocardiographic abnormalities following cardiac radiation. Perrault DJ, et al. **J Clin Oncol** 1985 Apr;3(4):546–51

Echocardiographic assessment of schizophrenics and manics: a reexamination of early necropsy findings. Coffman JA, et al. **J Nerv Ment Dis** 1985 Mar;173(3):179–81

Intraoperative echocardiographic control during ventriculoatrial shunt placement. Technical note. Bosi G, et al. **J Neurosurg** 1985 May;62(5):783–4

Two-dimensional echocardiography in dogs. Variation of left ventricular mass, geometry, volume, and ejection fraction on cardiopulmonary bypass. Hassler GB, et al. **J Thorac Cardiovasc Surg** 1985 Sep;90(3):430–40

The echocardiographic diagnosis of multiple fetal cardiac tumors. Dennis MA, et al. **J Ultrasound Med** 1985 Jun;4(6):327–9

The random measurement of the transverse diameter of the fetal heart: a potential source of error. DeVore GR, et al. **J Ultrasound Med** 1985 Jul;4(7):335–41

Echocardiographic demonstration of an aneurysm of the right coronary sinus of valsalva with dissection into the interventricular septum. Liss GB, et al. **J Ultrasound Med** 1984 Oct;3(10):477–9

Echocardiographic findings of a tumor-like dysplasia of the aortic valve in an infant. Minami K, et al. **J Ultrasound Med** 1985 Apr;4(4):207–9

On the aliasing problem in pulsed Doppler cardiac studies. Bom K, et al. **JCU** 1984 Nov–Dec;12(9):559–67

Pericardiocentesis-induced intrapericardial thrombus: visualization of thrombus formation and spontaneous internal lysis by two-dimensional echocardiography. Calabrese P, et al. **JCU** 1985 Jan;13(1):49–51

Echocardiographic diagnosis of clotted hemopericardium compressing the right atrium. Chen CC, et al. **JCU** 1984 Nov–Dec;12(9):572–4

Fetal echocardiography: a pediatric cardiologist's perspective. Gutgesell HP. **JCU** 1985 May;13(4):227–8

Pulsed Doppler fetal echocardiography. Huhta JC, et al. **JCU** 1985 May;13(4):247–54

Transient right to left atrial shunt detected by contrast echocardiography in the acute stage of pulmonary embolism. Keidar S, et al. **JCU** 1984 Sep;12(7):417–9

Demonstration of electrical and mechanical alternans in malignant pericardial effusion with 2-D echocardiography. Ratib O, et al. **JCU** 1984 Oct;12(8):501–4

Recognition of fetal arrhythmias by echocardiography. Silverman NH, et al. **JCU** 1985 May;13(4):255–63

A network data base system for children with cardiac disease—echocardiographic data of MCLS. Abe K, et al. **Jpn Circ J** 1984 Dec;48(12):1411–5

A long-term follow-up study of acute myocarditis an electrocardiographic and echocardiographic study. Hayakawa M, et al. **Jpn Circ J** 1984 Dec;48(12):1362–7

Early postoperative echocardiographic studies of atrial septal defects. Chiang CW, et al. **Jpn Heart J** 1985 May;26(3):391–402

Simultaneous changes of left ventricular and left atrial size and function in normal subjects during exercise. Furukawa K, et al. **Jpn Heart J** 1984 Jul;25(4):487–97

Echocardiography in sarcoidosis. Gregor P, et al. **Jpn Heart J** 1984 Jul;25(4):499–508

Dilated cardiomyopathy. An echocardiographic follow-up of 50 patients. Hayakawa M, et al. **Jpn Heart J** 1984 Nov;25(6):955–68

Combined echo-apexcardiographic assessment of left ventricular function in cardiomyopathy. Kolev N, et al. **Jpn Heart J** 1984 Jul;25(4):477–86

Echocardiographic and Holter findings in 321 uremic patients on maintenance hemodialysis. Niwa A, et al. **Jpn Heart J** 1985 May;26(3):403–11

Echocardiographic aortic valve area formula for the estimation of obstruction in stenosis. Seitz WS, et al. **Jpn Heart J** 1984 Nov;25(6):947–53

Evaluation of response to dopamine in idiopathic dilated cardiomyopathy by echocardiography and thallium-201 myocardial scintigraphy. Watanabe K, et al. **Jpn Heart J** 1985 May;26(3):379–89

Cardiac tamponade: pericardiocentesis directed by two-dimensional echocardiography. Callahan JA, et al. **Mayo Clin Proc** 1985 May;60(5):344–7

Continuous-wave Doppler determination of the pressure gradient across pulmonary artery bands: hemodynamic correlation in 20 patients. Fyfe DA, et al. **Mayo Clin Proc** 1984 Nov;59(11):744–50

Doppler echocardiography: theory, instrumentation, technique, and application. Nishimura RA, et al. **Mayo Clin Proc** 1985 May;60(5):321–43 (77 ref.)

Computer analysis of left ventricular pressure-volume relationships by echocardiography. Watanabe Y, et al. **Med Inf (Lond)** 1985 Jul–Sep;10(3):249–58

Echocardiographic approach to the early diagnosis of congestive cardiomyopathies. Drăgulescu SI, et al. **Med Interne** 1984 Jul–Sep;22(3):179–87

Echoflow and carotid artery disease [letter] Ackroyd N. **Med J Aust** 1985 Jul 8;143(1):50

Transesophageal echocardiography. Kaplan JA. **Mt Sinai J Med (NY)** 1984 Sep;51(5):592–4

Prenatal diagnosis of congenital heart defects in thoracoabdominally conjoined twins. Sanders SP, et al. **N Engl J Med** 1985 Aug 8;313(6):370–4

The value of echocardiography in left atrial myxoma in a child [letter] Agarwala BN, et al. **NY State J Med** 1984 Nov;84(11):545

Cardiovascular consequences of beta-agonist tocolysis: an echocardiographic study. Finley J, et al. **Obstet Gynecol** 1984 Dec;64(6):787–91

Subcostal M-mode echocardiography of the right atrial wall in evaluation of cardiac arrhythmias and pacing. Drinković N, et al. **PACE** 1985 Jan;8(1):110–22

Sequential study of echocardiographic changes in purulent pericarditis. Björkhem G, et al. **Pediatr Cardiol** 1984;5(4):317–21

Echocardiographic diagnosis of overriding tricuspid valve in a child with Ebstein's anomaly. Gussenhoven EJ, et al. **Pediatr Cardiol** 1984 Jul–Sep;5(3):209–11

Hemodynamically significant PDA: an echocardiographic and clinical assessment of incidence, natural history, and outcome in very low birth weight infants maintained in negative fluid balance. Reller MD, et al. **Pediatr Cardiol** 1985;6(1):17–23

Coronary aneurysms in Kawasaki disease: follow-up observation by two-dimensional echocardiography. Yanagisawa M, et al. **Pediatr Cardiol** 1985;6(1):11–6

Use and abuse of the echocardiogram. Snider AR. **Pediatr Clin North Am** 1984 Dec;31(6):1345–66 (56 ref.)

M-mode subxiphoid echocardiography in assessing pulmonary hypertension. Its usefulness in chronic obstructive pulmonary disease. Soroldoni M, et al. **Respiration** 1985;47(3):164–70

Absence of left ventricular hypertrophy in thyrotoxic patients without congestive heart failure. An echocardiographic study. Cueto-García L, et al. **Rev Invest Clin** 1984 Jul–Sep;36(3):237–41

Unusual findings of M-mode echocardiogram in a case with left ventricular thrombus. Senda Y, et al. **Sangyo Ika Daigaku Zasshi** 1985 Mar 1;7(1):73–9

M-mode echocardiographic abnormalities in Rocky Mountain spotted fever. Feltes TF, et al. **South Med J** 1984 Sep;77(9):1130–2

Frequency of echocardiographic abnormalities in patients with ischemia of the carotid territory—a preliminary report. Gagliardi R, et al. **Stroke** 1985 Jan–Feb;16(1):118–20

Echocardiographic findings of dilated right coronary artery. Saraçlar M, et al. **Turk J Pediatr** 1985 Jan–Mar;27(1):17–23

The heart in rheumatoid arthritis (rheumatoid disease)—an echocardiographic study. Dinsmore WW, et al. **Ulster Med J** 1983;52(1):54–7

Congenital heart disease: applications and limitations. **Ultrasound Med Biol** 1984 Nov–Dec;10(6):719–802

Analysis and interpretation of thickening and thinning phases of left ventricular wall dynamics. Goldberg SJ. **Ultrasound Med Biol** 1984 Nov–Dec;10(6):797–802

Fetal echocardiography—applications and limitations. Kleinman CS, et al. **Ultrasound Med Biol** 1984 Nov–Dec;10(6):747–55

Experience with qualitative and quantitative applications of Doppler echocardiography in congenital heart disease. Stevenson JG. **Ultrasound Med Biol** 1984 Nov–Dec;10(6):771–96

[Clinical and echocardiographic symptoms of mitral valve rupture] Tomov I, et al. **Vutr Boles** 1985;24(3):61–71 (Eng. Abstr.) (Bul)

[Roentgenologic and two-dimensional sector echocardiographic manifestations of ruptured congenital aortic sinus aneurysm] Huang ZL. **Chung Hua Fang She Hsueh Tsa Chih** 1985 Feb;19(1):12–4 (Eng. Abstr.) (Chi)

[Two-dimensional echocardiogram in the diagnosis of subaortic annular stenosis—report of 3 cases] Chen XQ. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Jun;12(2):109–10 (Chi)

[Comparative study of cardiac output by the M-mode echocardiogram and catheterization] Li RN. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1985 Mar; 13(1):45-7 (Chi)

[Diagnosis of intracardiac myxoma by echocardiography] Liu HY. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Sep;12(3):204-6, 239 (Eng. Abstr.) (Chi)

[Advances in echocardiographic clinical diagnosis] Deng KB. **Chung Hua Nei Ko Tsa Chih** 1984 Jun;23(6):372-9 (18 ref.) (Chi)

[Echocardiographic evaluation of cardiac function in acute myocardial infarction patients and its recent prognosis] Li RN, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Aug; 6(4):277-80 (Eng. Abstr.) (Chi)

[Quantitative segmental analysis of the motion of the left heart ventricle] Chaloupka V, et al. **Cas Lek Cesk** 1985 Aug 30;124(35):1102-6 (Eng. Abstr.) (Cze)

[The echocardiographic picture in sarcoidosis] Gregor P, et al. **Cas Lek Cesk** 1984 Oct 26;123(43):1318-22 (Eng. Abstr.) (Cze)

[Echocardiographic findings in patients with ankylosing spondyloarthritis] Král J, et al. **Cas Lek Cesk** 1985 Mar 29;124(13):395-8 (Eng. Abstr.) (Cze)

[Balloon atrioseptostomy using 2-dimensional echocardiography] Tuma S, et al. **Cas Lek Cesk** 1985 Apr 12;124(15):468-70 (Eng. Abstr.) (Cze)

[Reversibility of asynergy in various forms of ischemic heart disease] Widimský P, et al. **Cas Lek Cesk** 1985 Mar 29; 124(13):399-401 (Eng. Abstr.) (Cze)

[Mesothelioma of the pericardium diagnosed by echocardiography] Widimský P, et al. **Cas Lek Cesk** 1984 Nov 23;123(47):1442-3 (Eng. Abstr.) (Cze)

[Normal values of M-mode echocardiographic parameters in children] First T, et al. **Cesk Pediatr** 1984 Dec; 39(12):699-708 (Eng. Abstr.) (Cze)

[Echocardiographic diagnosis of uncorrected transposition of the great vessels] Skovránek J, et al. **Cesk Pediatr** 1985 Feb;40(2):72-8 (Eng. Abstr.) (Cze)

[A 2-year echocardiographic study of patients with irreversible renal failure] Rubáček M, et al. **Vnitr Lek** 1984 Aug;30(8):771-6 (Eng. Abstr.) (Cze)

[Echocardiographic diagnosis and monitoring of intracardiac thrombi] Widimský P, et al. **Vnitr Lek** 1985 Apr; 31(4):398-407 (Eng. Abstr.) (Cze)

[Does intracoronary thrombolytic therapy in myocardial infarct improve left ventricular function?] Widimský P, et al. **Vnitr Lek** 1985 May;31(5):430-40 (Eng. Abstr.) (Cze)

[The role of echocardiography in the coronary unit] Widimský P, et al. **Vnitr Lek** 1984 Dec;30(12):1169-76 (Eng. Abstr.) (Cze)

[Myxoma of the right atrium. The value of echocardiography in the diagnosis of cardiac causes of vertigo and syncope] Berning J, et al. **Ugeskr Laeger** 1984 Jun 25;146(26):1935-6 (Eng. Abstr.) (Dan)

[Myxoma of the left atrium. The clinical picture and diagnostic significance of two-dimensional echocardiography] Kassis E, et al. **Ugeskr Laeger** 1984 Jun 25;146(26):1930-4 (Eng. Abstr.) (Dan)

[Cardiovascular abnormalities in Marfan's syndrome; an echocardiographic study] Draulans-Noë HA, et al. **Ned Tijdschr Geneeskd** 1985 Apr 13;129(15):688-93 (Eng. Abstr.) (Dut)

[Echocardiographic diagnosis of a rare mechanical complication of biventricular infarction. Rupture of the free wall of the right ventricle] Commeau P, et al. **Ann Cardiol Angeiol (Paris)** 1985 Jun;34(6):425-9 (Eng. Abstr.) (Fre)

[Emboligenic abscess of the aortic ring disclosing gonococcal endocarditis. Value of echocardiography] Drui S, et al. **Ann Cardiol Angeiol (Paris)** 1985 Feb;34(2):89-92 (Eng. Abstr.) (Fre)

[Echocardiographic study of the left ventricular mass-dilatation ratio in hypertensive disease] Leblanc H. **Ann Cardiol Angeiol (Paris)** 1984 Nov;33(7):459-64 (Eng. Abstr.) (Fre)

[Diagnosis and echocardiographic course of infectious endocarditis in obstructive cardiomyopathy] Petitalot JP, et al. **Ann Cardiol Angeiol (Paris)** 1985 May;34(5):353-6 (Eng. Abstr.) (Fre)

[Contribution of bidimensional echography in pediatric cardiology] Bourlon F, et al. **Ann Pediatr (Paris)** 1985 Apr; 32(4):369-87 (Eng. Abstr.) (Fre)

[Echocardiographic study of complete transpositions of the great vessels] Fermont L, et al. **Ann Pediatr (Paris)** 1984 Sep;31(7):594-7 (Eng. Abstr.) (Fre)

[Importance of echocardiography in the diagnosis of neonatal endocarditis. Apropos of 3 cases] Morville P, et al. **Ann Pediatr (Paris)** 1985 Apr;32(4):389-93 (Eng. Abstr.) (Fre)

[Phonomechanocardiography and/or echocardiography] Baragan J, et al. **Arch Mal Coeur** 1984 Sep;77(9):979-82 (Fre)

[Data on the echocardiogram, pressure profile during exertion, and ambulatory blood pressure measurements in borderline arterial hypertension] Dimitriou R, et al. **Arch Mal Coeur** 1984 Oct;77(11):1162-6 (Eng. Abstr.) (Fre)

[Cardiac transplantation: noninvasive detection of rejection by echocardiography] Laurent F, et al. **Arch Mal Coeur** 1984 Dec;77(13):1434-42 (Eng. Abstr.) (Fre)

[Aortic and mitral valve bioprostheses. Normal and pathological M mode echocardiographic aspects] Marino JP, et al. **Arch Mal Coeur** 1985 Apr;78(4):580-91 (Eng. Abstr.) (Fre)

[Critical study of the prognostic value of echocardiography in chronic aortic insufficiency] Roudaut R, et al. **Arch Mal Coeur** 1984 Sep;77(9):983-92 (Eng. Abstr.) (Fre)

[Echocardiographic, angiographic and hemodynamic development of surgically treated endomyocardial fibrosis] Touze JE, et al. **Arch Mal Coeur** 1984 Sep;77(9):1006-12 (Eng. Abstr.) (Fre)

[Echocardiography study of hemodynamic changes in pregnancy] Castillon G, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(5):499-505 (Eng. Abstr.) (Fre)

[Fetal cardiac biometry. Evaluation of the growth of the right and left ventricles using bidimensional echocardiography in normal pregnancies] Créquat J, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):321-5 (Eng. Abstr.) (Fre)

[Clinical and echocardiographic correlation in pure, severe and chronic aortic insufficiency] Chaara, et al. **Maroc Med** 1985 Jun;7(2):556-70 (Eng. Abstr.) (Fre)

[Echocardiography and cardiac localizations of rheumatoid polyarthritis in Africans] Monnier A, et al. **Med Trop (Mars)** 1984 Oct-Dec;44(4):327-30 (Eng. Abstr.) (Fre)

[Cancer of the kidney with cardiac metastasis. Value of bidimensional echography (letter)] Aubran M, et al. **Presse Med** 1984 Dec 15;13(45):2763 (Fre)

[Clinical application of echocardiography in coronary disease] Bloch A. **Schweiz Rundsch Med Prax** 1985 Apr 9;74(15):378-81 (Eng. Abstr.) (Fre)

[Echocardiography of endurance athletes as a function of VO2 max] S'Jongers JJ, et al. **Schweiz Z Sportmed** 1985 Jun;33(2):53-61 (Eng. Abstr.) (Fre)

[Contribution of echocardiography to the study of the myxedematous heart] Brigui M, et al. **Tunis Med** 1985 Mar; 63(3):189-96 (Eng. Abstr.) (Fre)

[Contribution of echocardiography to the study of the impact of sports on the heart] Jaafar J, et al. **Tunis Med** 1985 Mar; 63(3):185-8 (Eng. Abstr.) (Fre)

[Contribution of echocardiography in hypertensive cardiopathies] Rokbani L, et al. **Tunis Med** 1984 Nov; 62(7):513-7 (Eng. Abstr.) (Fre)

[Diastolic compression of the right atrium and right ventricle as an echocardiographic sign of pericardial tamponade. Case report] Punzengruber C, et al. **Acta Med Austriaca** 1985;12(2):59-62 (Eng. Abstr.) (Ger)

[Calculation of right atrial volume: echocardiographic determination and control studies using casting technics] Richter HA, et al. **Biomed Tech (Berlin)** 1985 Apr; 30(4):66-9 (Eng. Abstr.) (Ger)

[Echocardiography in the diagnosis of coronary heart disease] Delagardelle C, et al. **Bull Soc Sci Med Grand Duche Luxemb** 1984;121(2):13-21 (Ger)

[Echocardiographic diagnosis and successful resection of a left ventricular rhabdomyoma in the neonatal period] Schmaltz AA, et al. **Klin Padiatr** 1984 Sep-Oct; 196(5):307-10 (Eng. Abstr.) (Ger)

[Echocardiographic studies in children with chronic kidney insufficiency and intermittent hemodialysis treatment] Galal O, et al. **Monatsschr Kinderheilkd** 1985 Mar;133(3):149-53 (Eng. Abstr.) (Ger)

[Significance of the echocardiogram in patients with ischemic insults] Bone G, et al. **Nervenarzt** 1984 Dec;55(12):640-3 (Ger)

[Estimation of heart size—x-ray versus 2-dimensional echocardiography] Dickhuth HH, et al. **ROFO** 1985 Apr; 142(4):399-405 (Eng. Abstr.) (Ger)

[Aneurysm of the atrial septum. Diagnosis by echo- and angiocardiography] Hinterauer L, et al. **ROFO** 1984 Nov; 141(5):584-6 (Ger)

[Computed tomography, magnetic resonance tomography and echocardiography in hypertrophic cardiomyopathy] Wolff P, et al. **ROFO** 1985 Jun;142(6):633-40 (Eng. Abstr.) (Ger)

[Echocardiographic studies before and after a 100-mile race on 21 female athletes] Wolff P, et al. **ROFO** 1984 Nov; 141(5):556-61 (Eng. Abstr.) (Ger)

[Importance of Doppler echocardiography in the assessment of heart defects] Jenni R, et al. **Schweiz Med Wochenschr** 1985 May 18;115(20):689-93 (Eng. Abstr.) (Ger)

[Chronic cor pulmonale from the echocardiographic viewpoint] Zenker G, et al. **Ultraschall Med** 1985 Jun; 6(3):156-9 (Eng. Abstr.) (Ger)

[Importance of echocardiography as a screening study method for patients with ischemic insult] Zenker G, et al. **Wien Med Wochenschr** 1984 Nov 15;134(21):475-7 (Eng. Abstr.) (Ger)

[Modification of myocardial function parameters by L- and D-penbutolol—an echocardiography, placebo-controlled double-blind study] Grube E, et al. **Z Kardiol** 1985 Feb; 74(2):99-105 (Eng. Abstr.) (Ger)

[Echocardiographic pressure-dimension analysis following anatomically corrective operation of d-transposition of the great arteries] Hausdorf G, et al. **Z Kardiol** 1985 Feb; 74(2):121-9 (Eng. Abstr.) (Ger)

[Echocardiographic diagnosis of a thrombus in the pulmonary artery following a banding operation] Hausdorf G, et al. **Z Kardiol** 1985 Apr;74(4):254-7 (Eng. Abstr.) (Ger)

[M-mode echocardiography study of the left atrium, precordial and suprasternal: a comparative echocardiography angiocardiography study] Kasper W, et al. **Z Kardiol** 1985 Jun;74(6):335-40 (Eng. Abstr.) (Ger)

[False chordae tendineae in the left ventricle. Echo and phonocardiographic findings] Wessel A, et al. **Z Kardiol** 1985 May;74(5):303-7 (Eng. Abstr.) (Ger)

[Left ventricular hypertrophy in older hypertensives: electro- and echocardiographic correlations] Forin G, et al. **Boll Soc Ital Cardiol** 1983 Nov;28(11):955-70 (Eng. Abstr.) (Ita)

[Left ventricular hypertrophy in elderly hypertensive patients: electroechocardiographic correlates] Forin G, et al. **Boll Soc Ital Cardiol** 1983 Nov;28(11):955-70 (Eng. Abstr.) (Ita)

[Diagnostic significance of the echocardiographic crux cordis in complex congenital cardiopathies. I. Ebstein's anomaly, malformations of the atrioventricular canal] Magherini A. **Boll Soc Ital Cardiol** 1984 Nov;29(11):591-6 (Ita)

[Left atrial echocardiographic dimensions in mitral valve disease with chronic atrial fibrillation: comparison with mitral valve disease in sinus rhythm and sclerotic cardiopathy with chronic atrial fibrillation] Sannito N, et al. **Boll Soc Ital Cardiol** 1984 Mar-Apr;29(3-4):231-6 (Eng. Abstr.) (Ita)

[Noninvasive diagnosis of mitral and tricuspid insufficiency] Sciomer S, et al. **Boll Soc Ital Cardiol** 1983 Oct; 28(10):815-26 (Eng. Abstr.) (Ita)

[Pre- and postoperative evaluation of the left ventricle in patients with chronic isolated aortic insufficiency. Serial echocardiographic study: prognostic indices] Aquilina M, et al. **Cardiologia** 1984 Mar-Apr;29(3-4):181-94 (Eng. Abstr.) (Ita)

[Determination of end-systolic pressure-volume and stress-dimension relations in man by a non-invasive method: linearity and relation to the ejection fraction] Ganau A, et al. **Cardiologia** 1984 May-Jun;29(5-6):323-36 (Eng. Abstr.) (Ita)

[Paradoxical motion of the interventricular septum in echocardiography during right ventricular volume overload: a new pathogenetic conception] Pezza V, et al. **Cardiologia** 1984 Dec;29(12):687-705 (Eng. Abstr.) (Ita)

[Echocardiographic dimension of the left atrium of mitral valve disease in chronic atrial fibrillation: comparison with mitral valve disease in sinus rhythm and sclerotic cardiopathy in chronic atrial fibrillation] Sannito N, et al. **Cardiologia** 1984 Mar-Apr;29(3-4):231-6 (Eng. Abstr.) (Ita)

[Myocardial function in patients with chronic alcoholic liver disease: echocardiographic findings] Giuntoli F, et al. **G Clin Med** 1985 Mar-Apr;66(3-4):89-98 (Eng. Abstr.) (Ita)

[The pressure-dimension curve and midwall stress. Use of a combined hemodynamic-echocardiographic method and correlation with contrast ventriculography] Buonanno C, et al. **G Ital Cardiol** 1984 Dec;14(12):961-71 (Eng. Abstr.) (Ita)

[Echocardiographic aspects of persistence of the right valve of the venous sinus] De Dominicis E, et al. **G Ital Cardiol** 1985 Jan;15(1):80-3 (Eng. Abstr.) (Ita)

[Correlation between electrocardiographic and echocardiographic findings in chronic aortic insufficiency] Di Bello V, et al. **G Ital Cardiol** 1984 Dec;14(12):1037-44 (Eng. Abstr.) (Ita)

[Diagnostic value of echocardiographic examinations in the evaluation of patients with infectious endocarditis of aortic and/or mitral valve localization] Enia F, et al. **G Ital Cardiol** 1984 Jul;14(7):479-91 (Eng. Abstr.) (Ita)

[Hemodynamic significance of an anatomo-functional classification of myocardial infarction] Giannuzzi P, et al. **G Ital Cardiol** 1984 Oct;14(10):735-44 (Eng. Abstr.) (Ita)

[Spontaneous microcavitations in the right cardiac chambers. Microcavitations in the right sections] Iliceto S, et al. **G Ital Cardiol** 1984 Aug;14(8):577-82 (Eng. Abstr.) (Ita)

[Evaluation of the interventricular septum in left bundle branch block using basal echocardiography (M-mode) and myocardial stress scintigraphy (thallium-201)] La Canna G, et al. **G Ital Cardiol** 1985 Feb;15(2):135-41 (Eng. Abstr.) (Ita)

[Fetal echocardiography. Prenatal diagnosis of hypoplastic left heart syndrome] Mandorla S, et al. **G Ital Cardiol** 1984 Jul;14(7):517-20 (Eng. Abstr.) (Ita)

[Anomalous chordae tendineae of the left ventricle. Echocardiographic study] Neri G, et al. **G Ital Cardiol** 1984 Nov;14(11):939-40 (Eng. Abstr.) (Ita)

[Left ventricular aneurysm in recent myocardial infarction. Echocardiographic study] Pozzoli M, et al. **G Ital Cardiol** 1984 Dec;14(12):1006-14 (Eng. Abstr.) (Ita)

[Echocardiographic findings in dystrophia myotonica (Steinert's disease)] Sonaglioni G, et al. **G Ital Cardiol** 1984 Aug;14(8):551-6 (Eng. Abstr.) (Ita)

[Usefulness of ECO 2-D in the identification of postinfarct aneurysms in aged patients with coronary diseases] Cacciapuoti F, et al. **Minerva Cardioangiol** 1984 Dec; 32(12):861-6 (Eng. Abstr.) (Ita)

[Computerized analysis of M-mode echocardiography in the initial stages of hemochromatotic infiltrative cardiopathy] Modena MG, et al. **Minerva Cardioangiol** 1984 Dec; 32(12):873-8 (Eng. Abstr.) **(Ita)**

[Echocardiographic study of 2 cases of primary tumors of the heart] Mollica N, et al. **Minerva Cardioangiol** 1984 Nov; 32(11):767-72 (Eng. Abstr.) **(Ita)**

[Echocardiographic study of myocardial masses in primary hypertrophic cardiomyopathy and in hypertensive cardiomyopathy] Mottironi P, et al. **Minerva Cardioangiol** 1985 Mar;33(3):97-103 (Eng. Abstr.) **(Ita)**

[Influence of intradialysis dehydration on the behavior of left ventricular function during hemodialysis. Echocardiographic study] Zanzola M, et al. **Minerva Cardioangiol** 1984 Dec;32(12):867-72 (Eng. Abstr.) **(Ita)**

[Prenatal diagnosis of cardiovascular pathology using mono- and bidimensional echocardiography] Narducci PL, et al. **Minerva Ginecol** 1985 May;37(5):239-46 (Eng. Abstr.) **(Ita)**

[Echocardiographic diagnosis of cardiac tumors] Asaka T, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2442-9 (Eng. Abstr.) **(Jpn)**

[Ventricular interdependence reflected in interventricular septal motion: with special reference to right ventricular pressure overload] Beppu S, et al. **J Cardiogr** 1984;14 Suppl 4:53-62 (Eng. Abstr.) **(Jpn)**

[Left ventricular thrombus formation and cuspal fusion of the prosthetic valve during left heart bypass: their pathophysiological significance and echocardiographic observations] Beppu S, et al. **J Cardiogr** 1984 Oct; 14(3):623-31 (Eng. Abstr.) **(Jpn)**

[Clinical application of two-dimensional echocardiography in fetal cardiac arrhythmias] Hirose O. **J Cardiogr** 1984 Aug;14(2):415-22 (Eng. Abstr.) **(Jpn)**

[Ventricular activation process and interventricular septal motion] Hishida H, et al. **J Cardiogr** 1984;14 Suppl 4:85-92 (Eng. Abstr.) **(Jpn)**

[A case of two-chambered left ventricle with echoes of an abnormal floating mass] Ihoriya F, et al. **J Cardiogr** 1984 Oct;14(3):615-22 (Eng. Abstr.) **(Jpn)**

[Abnormal septal motion following non-surgical closure of the patent ductus arteriosus] Itaya M, et al. **J Cardiogr** 1984; 14 Suppl 4:75-83 (Eng. Abstr.) **(Jpn)**

[A study on the ruptured Valsalva sinus aneurysm using two-dimensional echocardiography] Kambe T, et al. **J Cardiogr** 1984 Aug;14(2):389-401 (Eng. Abstr.) **(Jpn)**

[Abnormalities in the ventricular configuration and movement of the interventricular septum] Kambe T, et al. **J Cardiogr** 1984;14 Suppl 4:35-43 (Eng. Abstr.) **(Jpn)**

[The heart in acromegaly: an echocardiographic study] Kawanishi H, et al. **J Cardiogr** 1984 Oct;14(3):459-69 (Eng. Abstr.) **(Jpn)**

[Hemodynamic determinants of late systolic reversed flow in the main pulmonary artery in pulmonary hypertension: a pulsed Doppler echocardiographic study] Koizumi K, et al. **J Cardiogr** 1984 Aug;14(2):359-74 (Eng. Abstr.) **(Jpn)**

[Two-dimensional echocardiographic evaluation of left atrial shape and size] Maeda T, et al. **J Cardiogr** 1984 Aug; 14(2):311-21 (Eng. Abstr.) **(Jpn)**

[Pulsed Doppler echocardiographic evaluation of so-called 'moyamoya' echoes in left ventricular aneurysms] Makihata S, et al. **J Cardiogr** 1984 Aug;14(2):267-79 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of myocardial contractility using noninvasive techniques] Matsuo H, et al. **J Cardiogr** 1984; 14 Suppl 1:5-14 **(Jpn)**

[Grading of tricuspid regurgitation by pulsed Doppler echocardiography and liver function tests] Mikami T, et al. **J Cardiogr** 1984 Aug;14(2):353-8 (Eng. Abstr.) **(Jpn)**

[Mitral valve lesions in patients with right ventricular pressure overload: analysis using realtime, two-dimensional echocardiography] Nagata S, et al. **J Cardiogr** 1984 Aug; 14(2):345-52 (Eng. Abstr.) **(Jpn)**

[An experimental study on the relationship between interventricular septal echograms and interventricular pressure gradient] Nakao S, et al. **J Cardiogr** 1984;14 Suppl 4:45-52 (Eng. Abstr.) **(Jpn)**

[Clinical application of pulsed Doppler echocardiography] Nimura Y. **J Cardiogr** 1984;14 Suppl 2:17-25 **(Jpn)**

[Atrial septal defect associated with an abnormal chamber of the right ventricle: report of a case] Okamoto H, et al. **J Cardiogr** 1984 Aug;14(2):423-30 (Eng. Abstr.) **(Jpn)**

[M-mode echocardiographic standardization of interventricular septal motion and its clinical significance] Oki T, et al. **J Cardiogr** 1984;14 Suppl 4:3-21 (Eng. Abstr.) **(Jpn)**

[Clinical advantages of echocardiography in evaluating the left ventricular function] Omoto R. **J Cardiogr** 1984;14 Suppl 1:15-23 (Eng. Abstr.) **(Jpn)**

[Estimation of the infarct size by two-dimensional echocardiography in cases with acute myocardial infarction] Sakabe Y, et al. **J Cardiogr** 1984 Aug; 14(2):247-56 (Eng. Abstr.) **(Jpn)**

[Dynamics of the interventricular septum in mechanical overload] Sasayama S, et al. **J Cardiogr** 1984;14 Suppl 4:23-33 (Eng. Abstr.) **(Jpn)**

[Accurate diagnosis of temporary myocardial ischemia by noninvasive regional wall motion analysis] Sugishita Y. **J Cardiogr** 1984;14 Suppl 1:55-67 (Eng. Abstr.) **(Jpn)**

[Pulsed Doppler echocardiography: principle and application] Tanaka M. **J Cardiogr** 1984;14 Suppl 2:3-15 **(Jpn)**

[Echocardiographic study of right ventricular performance by acute and chronic pressure overloadings] Tanimoto M, et al. **J Cardiogr** 1984 Aug;14(2):403-14 (Eng. Abstr.) **(Jpn)**

[Extra echo spaces: what do they represent?] Wada T. **J Cardiogr** 1984;14 Suppl 1:97-113 (Eng. Abstr.) **(Jpn)**

[Mechanism of post-operative abnormal septal motion: clinical and experimental studies] Yoshida K, et al. **J Cardiogr** 1984;14 Suppl 4:63-74 (Eng. Abstr.) **(Jpn)**

[Measurement of aortic blood flow and its clinical application] Yoshimura S. **J Cardiogr** 1984;14 Suppl 2:41-52 **(Jpn)**

[Assessment of the aortic root echogram from the view-point of momenta of the blood ejected from the left ventricle—estimation of stroke volume changes from the aortic root echogram] Hosokawa O, et al. **Kokyu To Junkan** 1984 Dec;32(12):1277-81 (Eng. Abstr.) **(Jpn)**

[Investigation of the relationship between R-wave amplitude and left ventricular volume by exercise echocardiography] Mizutani Y, et al. **Kokyu To Junkan** 1985 Mar;33(3):351-7 (Eng. Abstr.) **(Jpn)**

[Evaluation of the mitral valve and subvalvular structures in pure mitral stenosis by cross-sectional echocardiography] Ohta T, et al. **Kokyu To Junkan** 1985 Mar;33(3):325-31 (Eng. Abstr.) **(Jpn)**

[Comparative effects of three calcium antagonists (nifedipine, verapamil and diltiazem) on hemodynamics in recent myocardial infarction] Sakai M, et al. **Kokyu To Junkan** 1985 Feb;33(2):159-64 (Eng. Abstr.) **(Jpn)**

[Assessment of diastolic mitral regurgitation in complete A-V block--pulsed Doppler echocardiographic study] Sanada J, et al. **Kokyu To Junkan** 1984 Sep;32(9):943-8 (Eng. Abstr.) **(Jpn)**

[Echocardiographic study of families with Marfan's syndrome: the clinical significance of echocardiographic study in the presence of normal electrocardiograms] Ueda M, et al. **Kokyu To Junkan** 1984 Sep;32(9):963-7 (Eng. Abstr.) **(Jpn)**

[Clinical conference at the 3d Department of Surgery, Nara Medical University. 2. Case of atrial septal defect showing an abnormal left atrial echo: non-cyanotic heart defect associated with heart failure, pulmonary hypertension and insufficient growth in an infant] **Kyobu Geka** 1984 Jul; 37(7):563-6 **(Jpn)**

[Surgery in infective endocarditis as prophylaxis against impending embolism--two-dimensional echocardiographic study] Shigenobu M, et al. **Kyobu Geka** 1985 Mar; 38(3):195-9 (Eng. Abstr.) **(Jpn)**

[Blalock-Taussig shunt operation for the infants under three months of age diagnosed with two-dimensional echocardiography] Ueda K, et al. **Kyobu Geka** 1985 Mar; 38(3):181-5 (Eng. Abstr.) **(Jpn)**

[Echocardiography and angiocardiography in overriding and straddling of mitral valve in Taussig-Bing anomaly. A case report] Arisawa J, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Apr 25; 45(4):585-90 (Eng. Abstr.) **(Jpn)**

[Echocardiographic prediction of postoperative low cardiac output syndrome] Kino K. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Nov; 32(11):1919-35 (Eng. Abstr.) **(Jpn)**

[Echocardiographic studies in patients with complete transposition of the great arteries after intra-atrial correction] Ogawa M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Aug;32(8):1143-50 (Eng. Abstr.) **(Jpn)**

[Echocardiographic estimation of postoperative left ventricular function in congenital heart diseases with right ventricular over-load] Yamazaki Y, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Apr;33(4):441-7 (Eng. Abstr.) **(Jpn)**

[Echocardiographic manifestations of primary pericardial mesothelioma: report of a case] Koike S, et al. **Nippon Naika Gakkai Zasshi** 1984 Oct;73(10):1477-84 **(Jpn)**

[The analysis of the blood flow pattern of the left ventricle during isovolumic relaxation period by the use of pulsed Doppler echocardiography] Kuroiwa N, et al. **Nippon Naika Gakkai Zasshi** 1984 Jul;73(7):974-9 **(Jpn)**

[Echocardiographic study on morphological abnormalities of the tricuspid valve in relation to the development of tricuspid regurgitation] Mikami T. **Nippon Naika Gakkai Zasshi** 1985 May;74(5):549-57 **(Jpn)**

[Localization of heart failure. b. Localization of heart failure by non-invasive diagnostic methods--with special reference to echocardiography] Hirai H, et al. **Nippon Rinsho** 1984 Dec;42(12):2647-58 (16 ref.) **(Jpn)**

[Determination of surgical indication. b. Possibility of non-invasive diagnosis in the determination of surgical indication] Kihara Y, et al. **Nippon Rinsho** 1984 Dec; 42(12):2710-5 (25 ref.) **(Jpn)**

[Echocardiography: its indications and limitations] Beppu S. **Rinsho Hoshasen** 1984 Oct;29(11 Suppl):1187-95 **(Jpn)**

[Pre-operative assessment of the aortic valve annulus using cineangiography and two-dimensional echocardiography] Yanagiya A, et al. **Rinsho Kyobu Geka** 1984 Nov; 4(6):718-23 (Eng. Abstr.) **(Jpn)**

[The role of echocardiography in the diagnosis of infectious endocarditis] Berning J, et al. **Nord Med** 1984;99(12):310-2, 324 (Eng. Abstr.) **(Nor)**

[Echocardiographic evaluation of left-ventricular function in patients with coronary disease, and its usefulness in qualifying the patients for physical rehabilitation programs] Wysokiński A, et al. **Pol Tyg Lek** 1985 Mar 11;40(10):285-8 (Eng. Abstr.) **(Pol)**

[Transposition of the great arteries. Echocardiographical evaluation] Carvalho J de S, et al. **Arq Bras Cardiol** 1984 Nov;43(5):345-54 **(Por)**

[Bidimensional echocardiography in endocardial pacemaker implantation] Costa R, et al. **Arq Bras Cardiol** 1984 Jul; 43(1):51-3 (Eng. Abstr.) **(Por)**

[Bidimensional echocardiographic evaluation of the pulmonary valve area before and after non-surgical valvuloplasty] Pontes Júnior SC, et al. **Arq Bras Cardiol** 1984 Oct;43(4):233-7 (Eng. Abstr.) **(Por)**

[Two-dimensional echocardiography in severely ill neonates and infants] Ribeiro RQ. **Arq Bras Cardiol** 1984 Apr; 42(4):233-6 **(Por)**

[Two-dimensional echocardiographic analysis of the atrioventricular node in congenital heart diseases] Zielinsky P, et al. **Arq Bras Cardiol** 1984 Aug;43(2):127-34 **(Por)**

[Value of unidimensional echocardiography (in the M mode) in determining left ventricular volume and stroke volume in healthy subjects] Arsenescu G, et al. **Rev Med Interna [Med Interna]** 1984 May-Jun;36(3):237-42 (Eng. Abstr.) **(Rum)**

[Echocardiographic study of the fetal heart in the 3d trimester] Strizhakov AN, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):22-4 (Eng. Abstr.) **(Rus)**

[Left ventricular function in patients who have had a myocardial infarct, based on echocardiographic study data] Nikolaeva LF, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1984;7(2):25-32 (Eng. Abstr.) **(Rus)**

[Echocardiographic location of a ball prosthesis placed in the aortic position] Markhasina IP. **Grudn Khir** 1984 Nov-Dec;(6):81-2 **(Rus)**

[Evaluation of the functional state of the myocardium in ischemic heart disease by means of echocardiography] Adamian KG, et al. **Kardiologiia** 1984 Aug;24(8):114-8 (73 ref.) **(Rus)**

[Echocardiogram of young athletes on an annual training cycle] Il'nitskiĭ VI. **Kardiologiia** 1985 Apr;25(4):60-4 **(Rus)**

[Characteristics of left ventricular hypertrophy in patients with different forms of arterial hypertension based on echocardiographic data] Iurenev AP, et al. **Kardiologiia** 1985 Mar;25(3):60-2 (Eng. Abstr.) **(Rus)**

[Echocardiographic studies in congestive cardiomyopathies] Kipshidze NN, et al. **Kardiologiia** 1984 Aug;24(8):17-9 (Eng. Abstr.) **(Rus)**

[Importance of ultrasonic diagnosis to medical expert evaluation of the work capacity of ischemic heart disease patients] Kogan BM, et al. **Kardiologiia** 1984 Aug; 24(8):38-41 (Eng. Abstr.) **(Rus)**

[Ultrasonic Doppler recording in the diagnosis of the patency of aortocoronary shunts] Konstantinov BA, et al. **Kardiologiia** 1985 Mar;25(3):74-7 (Eng. Abstr.) **(Rus)**

[Importance of ultrasonic studies in diagnosing and assessing heart function in aortic coarctation in adults] Korytnikov KI, et al. **Kardiologiia** 1985 Mar;25(3):62-7 (Eng. Abstr.) **(Rus)**

[Echocardiographic parameters of of the Soviet MKCh-25 valve] Markhasina IP. **Kardiologiia** 1985 Apr;25(4):112-4 **(Rus)**

[Echocardiographic indices of the middle-aged and elderly] Parkhomenko IS, et al. **Kardiologiia** 1985 Mar;25(3):89-92 (Eng. Abstr.) **(Rus)**

[Diagnosis of myxoma of the left atrium using ultrasonic sectoral scanning] Popov LV, et al. **Kardiologiia** 1984 Aug; 24(8):107-8 **(Rus)**

[Diagnosis of subvalvular adhesions in mitral stenosis by 2--dimensional echocardiography] Zaretskiĭ VV, et al. **Kardiologiia** 1985 Mar;25(3):68-70 (Eng. Abstr.) **(Rus)**

[Echocardiography in the evaluation of cardiodynamics in patients with the Eisenmenger syndrome in different physiologic states] Zatikian EP. **Kardiologiia** 1984 Aug; 24(8):41-5 (Eng. Abstr.) **(Rus)**

[Echo- and electrocardiographic signs of different forms of hypertrophic cardiomyopathy] Zhuravleva NB, et al. **Kardiologiia** 1985 Mar;25(3):70-3 (Eng. Abstr.) **(Rus)**

[Results of echocardiographic studies of Macaca mulatta monkeys at rest] Kazakova RT, et al. **Kosm Biol Aviakosm Med** 1985 May-Jun;19(3):81-4 **(Rus)**

[Echocardiography in the evaluation of phasic-volumetric indicators of the cardiac cycle in healthy schoolchildren] Galstian AA, et al. **Pediatriia** 1984 Nov;(11):18-20 (Eng. Abstr.) **(Rus)**

[Two-dimensional echocardiography in the diagnosis of pulmonary artery atresia with a ventricular septal defect] Gel'shtein GG, et al. **Pediatriia** 1984 Nov;(11):24-7 (Eng. Abstr.) **(Rus)**

[Experience with introduction of an instrumental-diagnostic complex in outpatient clinics] Belenkov IuN, et al. **Ter Arkh** 1984;56(8):8-11 (Eng. Abstr.) **(Rus)**

[Echocardiographic study of patients with alcoholic heart lesions] Berezovskiĭ AD, et al. **Ter Arkh** 1985;57(4):59-62

(Eng. Abstr.) (Rus)
[Significance of ultrasonic segmental scanning in the diagnosis of rare heart pathology] Golyzhnikov VA, et al. **Ter Arkh** 1985;57(4):74–5 (Rus)
[Echocardiographic diagnosis of constrictive pericarditis] Markhasina IP. **Ter Arkh** 1985;57(4):135–6 (Rus)
[Echocardiography: results of its use and prospects of development in the USSR] Mukharliamov NM. **Ter Arkh** 1984;56(8):3–8 (Rus)
[Effectiveness of echocardiography in the diagnosis of heart pathology in ambulatory care] Ushakov GN, et al. **Ter Arkh** 1984;56(8):11–3 (Rus)
[Echocardiographic diagnosis of mitral insufficiency as a consequence of mitral valve cord rupture] Djordjević BS, et al. **Glas Srp Akad Nauka [Med]** 1981;(33):121–35 (Eng. Abstr.) (Sec)
[Fetal echocardiography in the 2d half of pregnancy] Radunović N, et al. **Srp Arh Celok Lek** 1984 Jun; 112(6):703–8 (Eng. Abstr.) (Sec)
[Contrast echocardiography in the diagnosis of intracardiac shunt] Simin N, et al. **Med Pregl** 1984;37(3–4):103–6 (Eng. Abstr.) (Scr)
[Echocardiographic diagnosis of cardiac tumors] Simin N, et al. **Med Pregl** 1984;37(3–4):137–40 (Eng. Abstr.) (Scr)
[Echocardiographic findings in pericarditis] Zečević D, et al. **Med Pregl** 1984;37(9–10):427–30 (Eng. Abstr.) (Scr)
[Ebstein's anomaly. Prenatal diagnosis with bidimensional echocardiography] Ardura J, et al. **An Esp Pediatr** 1984 Dec;21(9):793–7 (Eng. Abstr.) (Spa)
[Advances in cardiologic diagnosis. Echocardiography] Quero Jiménez M. **An Esp Pediatr** 1984 Oct 15;21(5):485–6 (Spa)
[Analysis of the segmentary motility of the left ventricle by dimensional echocardiography in ischemic cardiopathy] Criconia GM, et al. **Arch Inst Cardiol Mex** 1985 Jan–Feb; 55(1):39–47 (Eng. Abstr.) (Spa)
[Echocardiographic study of valvular prosthesis] Delong R, et al. **Arch Inst Cardiol Mex** 1985 Jan–Feb;55(1):31–7 (Eng. Abstr.) (Spa)
[Marfan syndrome and echocardiography] Iturralde P, et al. **Arch Inst Cardiol Mex** 1984 Nov–Dec;54(6):593–9 (Eng. Abstr.) (Spa)
[Echocardiography in the evaluation and pre- and postoperative follow-up of chronic aortic insufficiency] Karam R, et al. **Arch Inst Cardiol Mex** 1984 Sep–Oct; 54(5):451–6 (Eng. Abstr.) (Spa)
[Evaluation and identification of the extension of acute myocardial infarct and its complications by bidimensional echocardiography] Palma García S, et al. **Arch Inst Cardiol Mex** 1985 Jan–Feb;55(1):49–57 (Eng. Abstr.) (Spa)
[Quantification of pulmonary arterial hypertension by phonocardiography and M–mode echocardiography in children with congenital cardiopathies] Trejo–Gutiérrez JF, et al. **Arch Inst Cardiol Mex** 1985 Mar–Apr; 55(2):109–14 (Eng. Abstr.) (Spa)
[Evaluation of pulmonary arterial hypertension by phonoechocardiography and Doppler] Vargas Barrón J, et al. **Arch Inst Cardiol Mex** 1984 Nov–Dec;54(6):615–9 (Eng. Abstr.) (Spa)
[Echocardiographic study of the persistence of the ductus arteriosus in premature newborn infants] de Sarasqueta P, et al. **Bol Med Hosp Infant Mex** 1984 Jun;41(6):324–8 (Eng. Abstr.) (Spa)
[Bases for the use of the Doppler effect in cardiology] Carreras Costa F, et al. **Med Clin (Barc)** 1985 Feb 16; 84(6):240–7 (Spa)
[Echocardiographic evaluation of patients with postoperative low cardiac output syndrome] García Ferrando V, et al. **Rev Esp Anestesiol Reanim** 1984 Sep–Oct;31(5):188–91 (Eng. Abstr.) (Spa)
[Study of left ventricular relaxation using computerized M–mode echocardiographic analysis] Alonso Gómez AM, et al. **Rev Esp Cardiol** 1984 May–Jun;37(3):175–80 (Eng. Abstr.) (Spa)
[Change of velocity in the echocardiographic dimensions of the left ventricle: its diagnostic value in severe mitral stenosis or insufficiency] Éguaras MG, et al. **Rev Esp Cardiol** 1985 Jan–Feb;38(1):34–7 (Eng. Abstr.) (Spa)
[Cardiac hydatid cyst. Bidimensional echocardiographic study] Muñoz–Gil J, et al. **Rev Esp Cardiol** 1984 Sep–Oct; 37(5):375–7 (Eng. Abstr.) (Spa)
[Aneurysm of the interatrial septum. Echocardiographic diagnosis] Pasalodos Pita FJ, et al. **Rev Esp Cardiol** 1984 May–Jun;37(3):219–22 (Eng. Abstr.) (Spa)
[Criteria of measurement of end systolic diameter and its relation to minimal ventricular diameter. Study with computerized echocardiography] Abadal J, et al. **Rev Med Chil** 1984 Apr;112(4):350–4 (Eng. Abstr.) (Spa)
[Computerized study of M mode echocardiogram. Normal values and in the presence of obstruction to ventricular filling] Abadal J, et al. **Rev Med Chil** 1984 May; 112(5):441–6 (Eng. Abstr.) (Spa)
[Contrast echocardiography with CO2 in the diagnosis of tricuspid valve insufficiency] Stockins B, et al. **Rev Med Chil** 1984 Dec;112(12):1225–8 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

Transposition of venous contrast into the arteries [letter] Butler BD, et al. **JCU** 1985 Jan;13(1):71–2

INSTRUMENTATION

A simple device to obtain reproducible echocardiographic apical cross sections. Visser CA, et al. **Am J Cardiol** 1985 Jul 1;56(1):206–7
Indices of left ventricular systolic function derived by computer analysis of digitised M–mode echocardiograms. Bett JH, et al. **Herz** 1985 Apr;10(2):120–4
Computerized boundary identification in two–dimensional echocardiography: wishful thinking or a reality? Skorton DJ, et al. **Int J Cardiol** 1984 Sep;6(3):404–8
Resolution and display requirements for ultrasound Doppler/evaluation of the heart in children, infants and the unborn human fetus. Sahn DJ. **J Am Coll Cardiol** 1985 Jan;5(1 Suppl):12S–19S
Rotating probe for trans–oesophageal cross–sectional echocardiography. Bertini A, et al. **J Nucl Med Allied Sci** 1984 Apr–Jun;28(2):115–21
CW and pulsed Doppler echocardiography utilizing a stand–alone system. Gramiak R, et al. **Ultrasound Med Biol** 1984 Mar–Apr;10(2):215–24
[Automatic and semiautomatic contour finding of the left ventricle in the 2 dimensional echocardiogram. In vitro studies in formalin–fixed swine hearts] Grube E, et al. **Z Kardiol** 1985 Jan;74(1):15–22 (Eng. Abstr.) (Ger)
[Omniscope—a computerized cardiac single probe system combined with a B–mode ultrasound instrument] Ide M, et al. **Kokyu To Junkan** 1984 Oct;32(10):1039–45 (Jpn)
[Experience in the use of the Soviet ultrasonic devices 'Ritm' and 'Ekran' in cardiosurgical practice] Chufarov VN, et al. **Med Tekh** 1985 Mar–Apr;(2):47–52 (Eng. Abstr.) (Rus)
[The current status of Doppler cardiac diagnosis (editorial)] García–Fernández MA. **Rev Esp Cardiol** 1985 May–Jun; 38(3):161–2 (Spa)

METHODS

A non–invasive study of the third heart sound in children by phono and echo–cardiography. Ewing G, et al. **Acta Cardiol (Brux)** 1984;39(4):241–54
Three dimensional reconstruction of the left ventricle from four anatomically defined apical two–dimensional echocardiographic views. Fazzalari NL, et al. **Acta Cardiol (Brux)** 1984;39(6):409–35
Two dimensional echocardiographic demonstration of an unusual complication of aortic infective endocarditis. Malouf J, et al. **Acta Cardiol (Brux)** 1984;39(5):379–86
Visualization and analysis of right heart blood flow patterns by contrast echocardiography. Santoso T, et al. **Acta Cardiol (Brux)** 1984;39(4):255–71
Two–dimensional echocardiographic evidence of quadricuspid pulmonary valve. Zuppiroli A, et al. **Acta Cardiol (Brux)** 1985;40(3):345–8
Mitral–septal angle: a new two–dimensional echocardiographic index of left ventricular performance. Abinader EG, et al. **Am Heart J** 1985 Aug;110(2):381–5
Visualization of superior vena cava by subcostal two–dimensional echocardiography. Lambertz H, et al. **Am Heart J** 1985 Jun;109(6):1401–2
Esophageal echocardiographic analysis of atrial dynamics. Matsuzaki M, et al. **Am Heart J** 1985 Feb;109(2):355–62
Quantitation of regional left ventricular function by two–dimensional echocardiography in normals and patients with coronary artery disease. Ren JF, et al. **Am Heart J** 1985 Sep;110(3):552–60
Clinically 'silent' atrial septal defect: diagnosis by two–dimensional and Doppler echocardiography. Shub C, et al. **Am Heart J** 1985 Sep;110(3):665–7
Pulsed Doppler assessment of pulmonary vein obstruction. Smallhorn JF, et al. **Am Heart J** 1985 Aug;110(2):483–6
Aberrant systemic artery–pulmonary vein fistula: detection of an occult lesion by contrast echocardiography. Wolf WJ, et al. **Am Heart J** 1985 Aug;110(2):480–2
Subcostal echocardiography in ventricular tachycardia. Wren C. **Am Heart J** 1984 Dec;108(6):1579–82
Detection of round floating left atrial thrombus simulating left atrial myxoma by two–dimensional echocardiography. Zur–Binenboim C, et al. **Am Heart J** 1985 Aug; 110(2):492–3
Differentiation between acute and healed myocardial infarction by signal averaging and color encoding two–dimensional echocardiography. Chandraratna PA, et al. **Am J Cardiol** 1985 Sep 1;56(7):381–4
Doppler versus contrast echocardiography for diagnosis of tricuspid regurgitation. Curtius JM, et al. **Am J Cardiol** 1985 Aug 1;56(4):333–6
Prosthetic mitral regurgitation detected by Doppler echocardiography. Ferrara RP, et al. **Am J Cardiol** 1985 Jan 1;55(1):229–30
Regional left ventricular wall motion assessment: comparison of two–dimensional echocardiography and radionuclide angiography with contrast angiography in healed myocardial infarction. Freeman AP, et al. **Am J Cardiol** 1985 Jul 1;56(1):8–12
Utility of two–dimensional echocardiography in suspected ascending aortic dissection. Granato JE, et al. **Am J Cardiol** 1985 Jul 1;56(1):123–9
Assessment of right ventricular outflow tract in children by two–dimensional echocardiography using a new subcostal view. Angiocardiographic and morphologic correlative study. Isaaz K, et al. **Am J Cardiol** 1985 Sep 15;56(8):539–45
Frequency of mitral valve dysfunction from mitral anular calcium as detected by Doppler echocardiography. Labovitz AJ, et al. **Am J Cardiol** 1985 Jan 1;55(1):133–7
Value of image enhancement and injection of contrast medium for right ventricular volume determination by two–dimensional echocardiography in congenital heart disease. Lange PE, et al. **Am J Cardiol** 1985 Jan 1; 55(1):152–7
Tricuspid regurgitation during pregnancy: two–dimensional and pulsed Doppler echocardiographic observations. Limacher MC, et al. **Am J Cardiol** 1985 Apr 1; 55(8):1059–62
Right oblique subxiphoid view for two–dimensional echocardiographic visualization of the right ventricle in congenital heart disease. Marino B, et al. **Am J Cardiol** 1984 Nov 1;54(8):1064–8
Clinical applications of a new type of real–time two–dimensional Doppler flow imaging system. Miyatake K, et al. **Am J Cardiol** 1984 Oct 1;54(7):857–68
Dipyridamole–echocardiography test in effort angina pectoris. Picano E, et al. **Am J Cardiol** 1985 Sep 1; 56(7):452–6
Parasternal cross–sectional echocardiographic determination of aortic arch situs: a new approach. Shrivastava S, et al. **Am J Cardiol** 1985 Apr 15;55(9):1236–8
Detection of intracardiac shunt flow in atrial septal defect using a real–time two–dimensional color–coded Doppler flow imaging system and comparison with contrast two–dimensional echocardiography. Suzuki Y, et al. **Am J Cardiol** 1985 Aug 1;56(4):347–50
Value of multiple echocardiographic views in the evaluation of aortic stenosis in adults by continuous–wave Doppler. Williams GA, et al. **Am J Cardiol** 1985 Feb 1;55(4):445–9
Origin of the right coronary artery from the pulmonary trunk: diagnosis by two–dimensional echocardiography. Worsham C, et al. **Am J Cardiol** 1985 Jan 1;55(1):232–3
Prenatal diagnosis of complete heart block. Chatterjee MS, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1082–3
Identification of patent foramen ovale during sitting position craniotomy by transesophageal echocardiography with positive airway pressure. Cucchiara RF, et al. **Anesthesiology** 1985 Jul;63(1):107–9
Detection of air emboli in the left heart by M–mode transesophageal echocardiography following cardiopulmonary bypass. Oka Y, et al. **Anesthesiology** 1985 Jul;63(1):109–13
Detection of shunt flow in total anomalous pulmonary venous connection using 2D–Doppler echocardiography. Itoh K, et al. **Angiology** 1985 Jul;36(7):414–8
Fetal echocardiography: new horizons in ultrasound. Reed KL. **Ariz Med** 1984 Sep;41(9):600–1
Fetal echocardiography. Davison GB. **Australas Radiol** 1984 Aug;28(3):262–6
Echocardiographic features of impaired left ventricular diastolic function in Chagas's heart disease. Combellas I, et al. **Br Heart J** 1985 Mar;53(3):298–309
Progression of hypertrophic cardiomyopathy. A cross sectional echocardiographic study. Domenicucci S, et al. **Br Heart J** 1985 Apr;53(4):405–11
Evaluation of an elliptical area technique for calculating mitral blood flow by Doppler echocardiography. Goldberg SJ, et al. **Br Heart J** 1985 Jul;54(1):68–75
Localisation of ventricular septal defects by simultaneous display of superimposed colour Doppler and cross sectional echocardiographic images. Ortiz E, et al. **Br Heart J** 1985 Jul;54(1):53–60
Non–invasive estimation by cross sectional echocardiography of myocardial damage in cardiomyopathy. Tanaka M, et al. **Br Heart J** 1985 Feb;53(2):137–52
Normal intracardiac and great artery blood velocity measurements by pulsed Doppler echocardiography. Wilson N, et al. **Br Heart J** 1985 Apr;53(4):451–8
Doppler echocardiographic measurement of cardiac output using the mitral orifice method. Zhang Y, et al. **Br Heart J** 1985 Feb;53(2):130–6
Libman–Sacks endocarditis: the diagnostic importance of two–dimensional echocardiography. Kahan A, et al. **Br J Rheumatol** 1985 May;24(2):187–90
Two–dimensional echocardiography for diagnosing acute ascending aortic dissection. Diehl JT, et al. **Can J Surg** 1985 Jul;28(4):345–7
Silent pericardial effusion in late pregnancy: a new entity. Haiat R, et al. **Cardiovasc Intervent Radiol** 1984;7(6):267–9
Cross–sectional echocardiographic diagnosis of azygos continuation of the inferior vena cava. Huhta JC, et al. **Cathet Cardiovasc Diagn** 1984;10(3):221–32
Peripheral arterial contrast echocardiography: a new method for the detection of left–to–right shunting patent ductus arteriosus. Oguchi K, et al. **Cathet Cardiovasc Diagn** 1984; 10(5):501–6
Two–dimensional echocardiographic detection of mediastinal pheochromocytoma. Cueto–Garcia L, et al. **Chest** 1985 Jun; 87(6):834–6
Echocardiographic findings after tricuspid valvectomy. Friedman G, et al. **Chest** 1985 May;87(5):668–70
Mitral valve E–point septal separation as an indicator of ejection fraction in patients with reversed septal motion. Ginzton LE, et al. **Chest** 1985 Sep;88(3):429–31
Right ventricular volumes by thermodilution in the adult respiratory distress syndrome. A comparative study using two–dimensional echocardiography as a reference method.

Jardin F, et al. **Chest** 1985 Jul;88(1):34–9

Two-dimensional echocardiographic detection of pericardiocentesis-induced intrapericardial thrombus. Lin CS, et al. **Chest** 1984 Nov;86(5):787–9

Left-sided heart contrast echocardiography by pulmonary wedge injection of hydrogen peroxide. Wang XF, et al. **Chin Med J [Engl]** 1985 Feb;98(2):121–6

Two-dimensional echocardiography in the diagnosis of atrial septal defect. Comparative study of echo and surgical findings in 55 cases. Wang XF, et al. **Chin Med J [Engl]** 1985 Jan;98(1):19–24

A Doppler-two-dimensional echocardiographic method for quantitation of mitral regurgitation. Ascah KJ, et al. **Circulation** 1985 Aug;72(2):377–83

Echocardiographic evaluation of the response to afterload stress test in young asymptomatic patients with chronic severe aortic regurgitation: sensitivity of the left ventricular end-systolic pressure-volume relationship. Branzi A, et al. **Circulation** 1984 Oct;70(4):561–9

Non-Q wave perioperative myocardial infarction: assessment of the incidence and severity of regional dysfunction with quantitative two-dimensional echocardiography. Force T, et al. **Circulation** 1985 Oct;72(4):781–9

Early loss of postextrasystolic potentiation in acutely ischemic myocardium: evaluation by contrast two-dimensional echocardiography. Force T, et al. **Circulation** 1985 Mar;71(3):602–9

Embolic potential of left ventricular thrombi detected by two-dimensional echocardiography. Haugland JM, et al. **Circulation** 1984 Oct;70(4):588–98

Regional function and perfusion at the lateral border of ischemic myocardium. Homans DC, et al. **Circulation** 1985 May;71(5):1038–47

A new approach to noninvasive evaluation of aortic regurgitant fraction by two-dimensional Doppler echocardiography. Kitabatake A, et al. **Circulation** 1985 Sep;72(3):523–9

Left ventricular aneurysm and the prediction of left ventricular enlargement studied by two-dimensional echocardiography: quantitative assessment of aneurysm size in relation to clinical course. Matsumoto M, et al. **Circulation** 1985 Aug;72(2):280–6

A Doppler echocardiographic method for calculating volume flow across the tricuspid valve: correlative laboratory and clinical studies. Meijboom EJ, et al. **Circulation** 1985 Mar;71(3):551–6

Variation of left ventricular myocardial gray level on two-dimensional echocardiograms as a result of cardiac contraction. Olshansky B, et al. **Circulation** 1984 Dec;70(6):972–7

Determination of parameters of left ventricular diastolic filling with pulsed Doppler echocardiography: comparison with cineangiography. Rokey R, et al. **Circulation** 1985 Mar;71(3):543–50

Real-time two-dimensional Doppler echocardiographic flow mapping. Sahn DJ. **Circulation** 1985 May;71(5):849–53 (13 ref.)

Fetal atrioventricular valve insufficiency associated with nonimmune hydrops: a two-dimensional echocardiographic and pulsed Doppler ultrasound study. Silverman NH, et al. **Circulation** 1985 Oct;72(4):825–32

Noninvasive estimation of valve area in patients with aortic stenosis by Doppler ultrasound and two-dimensional echocardiography. Skjaerpe T, et al. **Circulation** 1985 Oct;72(4):810–8

Prognostic significance and natural history of left ventricular thrombi in patients with acute anterior myocardial infarction: a two-dimensional echocardiographic study. Spirito P, et al. **Circulation** 1985 Oct;72(4):774–80

Assessment and follow-up of patients with aortic regurgitation by an updated Doppler echocardiographic measurement of the regurgitant fraction in the aortic arch. Touche T, et al. **Circulation** 1985 Oct;72(4):819–24

Noninvasive estimation of right ventricular systolic pressure by Doppler ultrasound in patients with tricuspid regurgitation. Yock PG, et al. **Circulation** 1984 Oct;70(4):657–62

Contrast two-dimensional echocardiography in the diagnosis of adult congenital heart disease. Detrano R, et al. **Cleve Clin Q** 1985 Summer;52(2):229–38

Two-dimensional and M-mode echocardiographic evaluation of fetal arrhythmia. Crowley DC, et al. **Clin Cardiol** 1985 Jan;8(1):1–10

Combining left ventricular systolic time intervals and M-mode echocardiography in the evaluation of primary pulmonary hypertension in women. Leier CV, et al. **Clin Cardiol** 1985 Mar;8(3):166–72

Echocardiographic evaluation of cardiovascular effects of amrinone. Modena MG, et al. **Clin Cardiol** 1984 Nov;7(11):593–8

Clinical and echocardiographic features of isolated severe pure mitral regurgitation. Pizzarello RA, et al. **Clin Cardiol** 1984 Nov;7(11):565–71

Clinical experience with two-dimensional echocardiography to guide endomyocardial biopsy. Williams GA, et al. **Clin Cardiol** 1985 Mar;8(3):137–40

A method for volume estimation by two-dimensional echocardiography: examination with excised animal left ventricles. Watanabe Y, et al. **Comput Biol Med** 1985;15(2):61–9

Contrast Doppler echocardiography. Niederle P, et al. **Cor Vasa** 1985;27(2–3):207–13

The impact of ultrasound Doppler studies on clinical cardiology. A critical appraisal. Krayenbuehl HP, et al. **Eur Heart J** 1985 Feb;6(2):96–104

Reference ranges of echocardiographic measurements in the Dutch population. Voogd PJ, et al. **Eur Heart J** 1984 Sep;5(9):762–70

In vivo and in vitro evaluation of left ventricular thrombi by two-dimensional echocardiography. Comparison with cineventriculography. Pavan D, et al. **G Ital Cardiol** 1984 Jul;14(7):471–8

Noninvasive assessment of valve lesions with Doppler ultrasound. Hatle L. **Herz** 1984 Aug;9(4):213–21

Assessment of valvular lesions with M-mode, two-dimensional and Doppler echocardiography. Quinones MA. **Herz** 1984 Aug;9(4):200–12

The use of two-dimensional echocardiograms in the detection of myocardial infarction in canines. Mastrototaro JJ, et al. **IEEE Trans Biomed Eng** 1985 Aug;32(8):621–9

Ventricular septal rupture following acute myocardial infarction: contrast two-dimensional echocardiographic diagnosis. Desai AG, et al. **Indian Heart J** 1985 Mar–Apr;37(2):110–2

Right atrial myxoma—a report of two cases. Kaul UA, et al. **Indian Heart J** 1985 Mar–Apr;37(2):128–30

Utility of two-dimensional echocardiography in the detection of left ventricular intracavitary mass. Mehta AK, et al. **Indian Heart J** 1985 Mar–Apr;37(2):119–22

Sensitivity of cross-sectional echocardiography in detection of impaired global and regional left ventricular function: prospective study. Erbel R, et al. **Int J Cardiol** 1985 Apr;7(4):375–89

Assessment of right heart hemodynamics by contrast echocardiography. Santoso T, et al. **Int J Cardiol** 1984 Sep;6(3):307–17

Left ventricular false tendons: echocardiographic incidence in India and clinical importance. Sethuraman KR, et al. **Int J Cardiol** 1984 Sep;6(3):385–7

Echocardiogram processing and classification using data-dependent systems analysis. Ambardar A, et al. **ISA Trans** 1984;23(3):57–64

Two-dimensional echocardiography in the older child. Bierman FZ. **J Am Coll Cardiol** 1985 Jan;5(1 Suppl):37S–43S

Standardization of M-mode echocardiographic left ventricular anatomic measurements. Devereux RB, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1222–30

Primary cardiac tumors: experience with 30 consecutive patients since the introduction of two-dimensional echocardiography. Fyke FE 3d, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1465–73

Functional and pathologic effects of multiple echocardiographic contrast injections on the myocardium, brain and kidney. Gillam LD, et al. **J Am Coll Cardiol** 1985 Sep;6(3):687–94

Intraoperative cardioplegic contrast echocardiography for assessing myocardial perfusion during open heart surgery. Goldman ME, et al. **J Am Coll Cardiol** 1984 Nov;4(5):1029–34

Intraoperative contrast echocardiography to evaluate mitral valve operations. Goldman ME, et al. **J Am Coll Cardiol** 1984 Nov;4(5):1035–40

Two-dimensional echocardiographic assessment of pulmonary artery and aortic arch anatomy in cyanotic infants. Gutgesell HP, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1242–6

Contrast echocardiography in acute myocardial ischemia: I. In vivo determination of total left ventricular 'area at risk'. Kaul S, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1272–82

Childhood traumatic infarction causing left ventricular aneurysm: diagnosis by two-dimensional echocardiography. Long WA, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1478–83

Unusual distribution of left ventricular hypertrophy in obstructive hypertrophic cardiomyopathy: localized posterobasal free wall thickening in two patients. Maron BJ, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1474–7

Myocardial perfusion imaging by contrast echocardiography: where are we going? [editorial] Meltzer RS. **J Am Coll Cardiol** 1985 Sep;6(3):621–2

Generating precision microbubbles for use as an echocardiographic contrast agent. Meltzer RS, et al. **J Am Coll Cardiol** 1985 Apr;5(4):978–82

Role of two-dimensional echocardiography in the prediction of in-hospital complications after acute myocardial infarction. Nishimura RA, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1080–7

Diagnosis of constrictive pericarditis by two-dimensional echocardiography: studies in a new experimental model and in patients. Pandian NG, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1164–73

Cardiac function in patients with cystic fibrosis: evaluation by two-dimensional and Doppler echocardiography. Panidis IP, et al. **J Am Coll Cardiol** 1985 Sep;6(3):701–6

Determination of cardiac output by echocardiographic Doppler methods: relative accuracy of various sites for measurement [editorial] Sahn DJ. **J Am Coll Cardiol** 1985 Sep;6(3):663–4

Two-dimensional echocardiographic detection of right-sided cardiac intracavitary thromboembolus with pulmonary embolism. Saner HE, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1294–301

Myocardial perfusion imaging in humans by contrast echocardiography using polygelin colloid solution. Santoso T, et al. **J Am Coll Cardiol** 1985 Sep;6(3):612–20

Comparison of high pulse repetition frequency and continuous wave Doppler echocardiography in the assessment of high flow velocity in patients with valvular stenosis and regurgitation. Stewart WJ, et al. **J Am Coll Cardiol** 1985 Sep;6(3):565–71

Two-dimensional echocardiographic monitoring during percutaneous endomyocardial biopsy. Strachovsky G, et al. **J Am Coll Cardiol** 1985 Sep;6(3):609–11

Immediate improvement of dysfunctional myocardial segments after coronary revascularization: detection by intraoperative transesophageal echocardiography. Topol EJ, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1123–34

Two-dimensional echocardiographic evaluation of the size, function and shape of the left ventricle in chronic aortic regurgitation: comparison with radionuclide angiography. Vandenbossche JL, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1195–206

Assessment of the ductus arterioeus in preterm infants utilizing suprasternal two-dimensional/Doppler echocardiography. Vick GW 3d, et al. **J Am Coll Cardiol** 1985 Apr;5(4):973–7

Asymptomatic aneurysm of the interatrial septum. Wysham DG, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1311–4

Intraoperative contrast two-dimensional echocardiography. Evaluation of the presence and severity of aortic and mitral regurgitation during cardiac operations. Eguaras MG, et al. **J Thorac Cardiovasc Surg** 1985 Apr;89(4):573–9

Improved intraoperative evaluation of mitral valve operations utilizing two-dimensional contrast echocardiography. Mindich BP, et al. **J Thorac Cardiovasc Surg** 1985 Jul;90(1):112–8

Monitoring with two-dimensional transesophageal echocardiography. Comparison of myocardial function in patients undergoing supraceliac, suprarenal-infraceliac, or infrarenal aortic occlusion. Roizen MF, et al. **J Vasc Surg** 1984 Mar;1(2):300–5

M-mode and two-dimensional echocardiographic abnormalities in systemic lupus erythematosus. Klinkhoff AV, et al. **JAMA** 1985 Jun 14;253(22):3273–7

The prenatal diagnosis of congenital heart disease—a practical approach for the fetal sonographer. DeVore GR. **JCU** 1985 May;13(4):229–45

Prenatal diagnosis of fetal arrhythmias: a new echocardiographic technique. Shapiro I, et al. **JCU** 1984 Jul–Aug;12(6):369–72

Reversible asymmetric septal hypertrophy in acute myocarditis. Serial findings of two-dimensional echocardiogram and thallium-201 scintigram. Kondo M, et al. **Jpn Circ J** 1985 Jun;49(6):589–93

Echocardiographic picture in diabetes mellitus. Gregor P, et al. **Jpn Heart J** 1984 Nov;25(6):969–77

Adverse effect of nifedipine on left ventricular obstruction detected by pulsed Doppler echocardiography. Matsuda M, et al. **Jpn Heart J** 1984 Nov;25(6):1081–4

Dual-frame image-freezing unit for two-dimensional echocardiography. Preliminary clinical report. Orita Y, et al. **Jpn Heart J** 1985 May;26(3):371–8

Two-dimensional echocardiographic method for the estimation of cardiac output independent of left ventricular geometry. Comparison with cardiac catheterization in mitral stenosis. Seitz WS, et al. **Jpn Heart J** 1985 May;26(3):363–9

Evaluation of right ventricular pressure by two-dimensional echocardiography. Watanabe K. **Jpn Heart J** 1984 Jul;25(4):523–31

M-mode echocardiography in hypertensive heart disease. Streian C, et al. **Med Interne** 1984 Oct–Dec;22(4):279–84

Contrast echocardiography in paediatric cardiology. Kádár K. **Padiatr Grenzgeb** 1985;24(3):199–204

M-mode echocardiographic findings in children with idiopathic restrictive cardiomyopathy. Mehta AV, et al. **Pediatr Cardiol** 1984;5(4):273–9

Left atrial ball thrombus. Duarte J, et al. **Thorac Cardiovasc Surg** 1985 Feb;33(1):57–8

Right ventricular dimensions with transesophageal echocardiography during an operating room model of left heart assist. Hershon JJ, et al. **Trans Am Soc Artif Intern Organs** 1984;30:129–32

Two-dimensional echocardiographic image texture analysis: reduction of regional variability using polar coordinates. Aylward PE, et al. **Ultrason Imaging** 1985 Jan;7(1):60–73

M-mode and two-dimensional echocardiography—contributions and limitations in management of interatrial and interventricular septal defects and conotruncal anomalies. Bierman FZ. **Ultrasound Med Biol** 1984 Nov–Dec;10(6):721–34

Maximal blood flow velocities—haemodynamic data obtained noninvasively with CW Doppler. Hatle L. **Ultrasound Med Biol** 1984 Mar–Apr;10(2):225–37

Pulsed Doppler echocardiography in the assessment of tricuspid regurgitation. Nimura Y, et al. **Ultrasound Med Biol** 1984 Mar–Apr;10(2):239–47

Diagnosis and follow-up of congenital heart disease in children with the use of two-dimensional Doppler echocardiography. Redel DA, et al. **Ultrasound Med Biol** 1984 Mar–Apr;10(2):249–58

Internal cardiac crux: two-dimensional echocardiography of normal and congenitally abnormal hearts. Seward JB, et al. **Ultrasound Med Biol** 1984 Nov–Dec;10(6):735–45

Cross sectional echocardiographic assessment of cardiac chamber size and ejection fraction in children. Silverman NH, et al. **Ultrasound Med Biol** 1984 Nov–Dec; 10(6):757–69

An analysis of three–dimensional reconstructive echocardiography. Stickels KR, et al. **Ultrasound Med Biol** 1984 Sep–Oct;10(5):575–80

Quantitative assessment of valvular regurgitations using the pulsed Doppler technique. Approach to the regurgitant lesion. Veyrat C, et al. **Ultrasound Med Biol** 1984 Mar–Apr; 10(2):201–13

[Computer calculation of echocardiographic indices] Tomov I, et al. **Vutr Boles** 1985;24(1):72–5 (Eng. Abstr.) **(Bul)**

[Methods of echocardiographic examination in children] Skovránek J, et al. **Cesk Pediatr** 1984 Nov;39(11):625–31 (Eng. Abstr.) **(Cze)**

[Detection of ventricular septal defects using pulsed Doppler echocardiography] Busch HJ, et al. **Tijdschr Kindergeneeskd** 1984 Aug;52(4):123–8 (Eng. Abstr.) **(Dut)**

[Uni- and bidimensional echocardiography in the etiologic diagnosis of precordial pain] Aubran M, et al. **Ann Cardiol Angeiol (Paris)** 1984 Nov;33(7):429–33 (Eng. Abstr.) **(Fre)**

[Echocardiographic study of left ventricular contraction by a scoring method in chronic coronary insufficiency] Ferreira T, et al. **Ann Cardiol Angeiol (Paris)** 1985 Apr 30;34(4 Pt 2):287–92 (Eng. Abstr.) **(Fre)**

[Two–dimensional echocardiography and left heart obstruction in the newborn infant. Diagnostic contribution and impact on therapy] Cloez JL, et al. **Arch Fr Pediatr** 1984 Aug–Sep;41(7):453–8 (Eng. Abstr.) **(Fre)**

[Pulsed Doppler and bidimensional echocardiography in patent ductus arteriosus] Cherifi MA, et al. **Arch Mal Coeur** 1985 Jan;78(1):73–80 (Eng. Abstr.) **(Fre)**

[Pulsed Doppler and bidimensional echocardiography in ductus arteriosus (letter)] Cloez JL, et al. **Arch Mal Coeur** 1985 Jun;78(6):971–2 **(Fre)**

[Evaluation of left ventricular mass by M–mode and bidimensional echocardiography] Gosse P, et al. **Arch Mal Coeur** 1985 Jun;78(6):879–85 (Eng. Abstr.) **(Fre)**

[Pulsed Doppler in the diagnosis of tricuspid insufficiency] Lesbre JP, et al. **Arch Mal Coeur** 1984 Dec;77(13):1481–93 (Eng. Abstr.) **(Fre)**

[Two–dimensional echocardiography of coronaro–cavitary fistulas] Piot JD, et al. **Arch Mal Coeur** 1985 Feb; 78(2):248–54 (Eng. Abstr.) **(Fre)**

[Diagnosis of left proximal coronary stenosis using 2–dimensional echocardiography] Potard D, et al. **Arch Mal Coeur** 1984 Sep;77(9):1020–5 (Eng. Abstr.) **(Fre)**

[M–mode and two–dimensional echocardiography of 7 cases of cardiac amyloidosis] Roudaut R, et al. **Arch Mal Coeur** 1984 Dec;77(13):1525–31 (Eng. Abstr.) **(Fre)**

[Prenatal cardiology] Kachaner J, et al. **Presse Med** 1985 Mar 2;14(9):517–9 **(Fre)**

[Transesophageal 2–dinsensional echocardiography in hip endoprostheses] Heinrich H, et al. **Anaesthesist** 1985 Mar; 34(3):118–23 (Eng. Abstr.) **(Ger)**

[Intraoperative monitoring using transesophageal 2–dimensional echocardiography] Kremer P, et al. **Anaesthesist** 1985 Mar;34(3):111–7 (Eng. Abstr.) **(Ger)**

[Echocardiographic diagnosis in diseases of the tricuspid valve] Wester HA. **Fortschr Med** 1984 Dec 13; 102(46):1181–4 (Eng. Abstr.) **(Ger)**

[Doppler–echocardiographic determination of the degree of severity of mitral stenosis] Dennig K, et al. **Herz** 1984 Aug; 9(4):222–30 (Eng. Abstr.) **(Ger)**

[Use of echocardiography in cardiologic emergency medicine] Schweizer P, et al. **Internist (Berlin)** 1984 Jun; 25(6):329–35 **(Ger)**

[Echocardiographic detection of endocarditis vegetations of the tricuspid valve in 2 children with ventricular septal defect] Hofstetter R, et al. **Klin Padiatr** 1984 Sep–Oct; 196(5):277–80 (Eng. Abstr.) **(Ger)**

[Value of 2–dimensional echocardiography in the diagnosis of infectious endocarditis] Vogt J, et al. **Klin Padiatr** 1984 Sep–Oct;196(5):271–6 (Eng. Abstr.) **(Ger)**

[Diagnosis of cardiovascular diseases using suprasternal M–mode echocardiography] Kasper W, et al. **Klin Wochenschr** 1985 Mar 1;63(5):193–204 (Eng. Abstr.) **(Ger)**

[Rupture of a coronary artery aneurysm in mucocutaneous lymph node syndrome (Kawasaki syndrome). Demonstration of the coronary aneurysms by 2–dimensional echocardiography] Lunkenheimer A, et al. **Monatsschr Kinderheilkd** 1984 Dec;132(12):909–12 (Eng. Abstr.) **(Ger)**

[Echocardiographic follow–up study of former top athletes with typical sports heart] Schumacher R, et al. **Schweiz Z Sportmed** 1984 Dec;32(4):117–23 (Eng. Abstr.) **(Ger)**

[Possibilities of 2–dimensional echocardiography in childhood. II. Possibilities for use] Beitzke A, et al. **Wien Klin Wochenschr** 1985 Jan 4;97(1):9–18 (Eng. Abstr.) **(Ger)**

[Possibilities of 2–dimensional echocardiography in childhood. I. Study technic, section planes, normal findings] Beitzke A, et al. **Wien Klin Wochenschr** 1985 Jan 4;97(1):2–9 (Eng. Abstr.) **(Ger)**

[1- and 2–dimensional echocardiographic studies on the evaluation of the severity of mitral stenosis based on valve kinetics] Kästner C, et al. **Z Gesamte Inn Med** 1985 May 1;40(9):265–8 (Eng. Abstr.) **(Ger)**

[Balloon atrioseptostomy in 2–dimensional echocardiography] Beitzke A, et al. **Z Kardiol** 1985 Jun; 74(6):353–6 (Eng. Abstr.) **(Ger)**

[Comparative echocardiographic volume determinations using a dynamic heart model] Berwing K, et al. **Z Kardiol** 1985 May;74(5):271–80 (Eng. Abstr.) **(Ger)**

[Echocardiographic follow–up in latent cardiomyopathy] Curtius JM, et al. **Z Kardiol** 1984 Nov;73(11):695–700 (Eng. Abstr.) **(Ger)**

[Normal ranges of the regional movement of the left ventricular wall in 2–dimensional echocardiography] Dissmann R, et al. **Z Kardiol** 1984 Nov;73(11):686–94 (Eng. Abstr.) **(Ger)**

[Echocardiographic detection of persistent myocardial sinusoids] Engberding R, et al. **Z Kardiol** 1984 Dec; 73(12):786–8 (Eng. Abstr.) **(Ger)**

[Significance of the detection of echocardiographic vegetation for the clinical course and prognosis of infectious endocarditis] Gonska BD, et al. **Z Kardiol** 1984 Jul;73(7):455–9 (Eng. Abstr.) **(Ger)**

[Fetal echocardiography--possibilities and limits] Heublein B, et al. **Z Kardiol** 1984 Jul;73(7):466–71 (Eng. Abstr.) **(Ger)**

[An optimized contrast echocardiographic method for the detection and quantification of tricuspid valve insufficiency] Jacksch R, et al. **Z Kardiol** 1984 Nov; 73(11):701–9 (Eng. Abstr.) **(Ger)**

[Estimation of pulmonary capillary mean pressure using TM–mode echocardiography] Keller H, et al. **Z Kardiol** 1985 Jul;74(7):409–14 (Eng. Abstr.) **(Ger)**

[Echocardiographic monitoring of acute myocardial infarct following intracoronary streptolysis treatment] Lambertz H, et al. **Z Kardiol** 1984 May;73(5):321–6 (Eng. Abstr.) **(Ger)**

[Determination of the size of the right atrium in patients with pulmonary hypertension using 2–dimensional echocardiography] Lambertz H, et al. **Z Kardiol** 1984 Oct; 73(10):646–53 (Eng. Abstr.) **(Ger)**

[A transient right ventricular thrombus following myocardial infarct of the posterior wall—diagnosis using 2–dimensional echocardiography] Nesser HJ, et al. **Z Kardiol** 1984 Jul; 73(7):472–4 (Eng. Abstr.) **(Ger)**

[Doppler sonographic determination of the degree of severity of mitral valve stenoses] Niehues B, et al. **Z Kardiol** 1985 Jan;74(1):23–31 (Eng. Abstr.) **(Ger)**

[Quantification of myocardial perfusion defects using 2–dimensional contrast echocardiography] Schartl M, et al. **Z Kardiol** 1984 Sep;73(9):560–7 (Eng. Abstr.) **(Ger)**

[Physical principles of the Doppler echocardiography determination of heart minute volume] Schlüter M. **Z Kardiol** 1985 Jun;74(6):317–21 (Eng. Abstr.) **(Ger)**

[Noninvasive determination of stroke volume with spectral Doppler echocardiography] Trompler AT, et al. **Z Kardiol** 1985 Jun;74(6):322–6 (Eng. Abstr.) **(Ger)**

[Echocardiographic study for optimizing therapy with physiologic heart pacemakers--the relevance of mitral valve motion] von Bibra H, et al. **Z Kardiol** 1984 Jul; 73(7):460–5 (Eng. Abstr.) **(Ger)**

[Correlation between systolic time intervals and E point–septal separation measured by monodimensional echocardiography in the functional evaluation of patients with ischemic heart disease] Galanti G, et al. **Boll Soc Ital Cardiol** 1983 Oct;28(10):827–33 (Eng. Abstr.) **(Ita)**

[Diagnosis of ischemic cardiopathy by bidimensional echocardiography during transesophageal atrial pacing] Iliceto S, et al. **Cardiologia** 1985 Jan;30(1):33–8 (Eng. Abstr.) **(Ita)**

[Diagnostic significance of the echocardiographic crux cordis in complex congenital cardiopathies. II. Univentricular heart. Conclusive considerations] Magherini A. **Cardiologia** 1984 Dec;29(12):707–19 **(Ita)**

[Comparison between non–invasive indices and myocardial contractility] Malavasi A, et al. **Cardiologia** 1984 May–Jun; 29(5–6):301–10 (Eng. Abstr.) **(Ita)**

[Proposal for a new criterion of M–mode echocardiographic diagnosis in fixed membranous subvalvular aortic stenosis] Moro E, et al. **Cardiologia** 1984 Dec;29(12):671–84 (Eng. Abstr.) **(Ita)**

[M–mode echocardiogram in adolescents genetically predisposed to the development of hypertension] Radice M, et al. **Cardiologia** 1983 Dec;28(12):1007–10 (Eng. Abstr.) **(Ita)**

[Evaluation of the ejection fraction using 2 simplified echocardiographic methods in patients with ischemic heart disease and left ventricular asynergy] Iliceto S, et al. **G Ital Cardiol** 1985 Feb;15(2):142–8 (Eng. Abstr.) **(Ita)**

[Hypertrophic cardiomyopathy: distribution of the hypertrophy evaluated by bidimensional echocardiography and observations on the genesis of the obstruction] Lazzeroni E, et al. **G Ital Cardiol** 1984 Jun;14(6):418–23 (Eng. Abstr.) **(Ita)**

[2–dimensional echocardiography in the evaluation of pericardial pathology: new prospects for its differential diagnosis] Lestuzzi C, et al. **G Ital Cardiol** 1985 Mar; 15(3):310–8 (Eng. Abstr.) **(Ita)**

[Prognostic value of echocardiography in acute myocardial infarct: comparison, by multivariate analysis, between mono- and bidimensional parameters] Sarasso G, et al. **G Ital Cardiol** 1984 Sep;14(9):655–62 (Eng. Abstr.) **(Ita)**

[Study of the regional contraction of the left ventricle in normal subjects using a two–dimensional echocardiographic technic] Triulzi MO, et al. **G Ital Cardiol** 1985 Jan;15(1):84–91 (Eng. Abstr.) **(Ita)**

[Echocardiokymography in the study of myocardial infarct in the chronic phase] Cassone R, et al. **Minerva Cardioangiol** 1984 Oct;32(10):675–81 (Eng. Abstr.) **(Ita)**

[Contrast M–mode echography of the inferior vena cava in the study of tricuspid insufficiency] Coletta C, et al. **Minerva Cardioangiol** 1984 Sep;32(9):567–72 (Eng. Abstr.) **(Ita)**

[Validity of two–dimensional echocardiography in the diagnosis of aortic coarctation. Description of a case] Monducci I, et al. **Minerva Cardioangiol** 1984 Jul–Aug; 32(7–8):535–7 (Eng. Abstr.) **(Ita)**

[Quantitative evaluation of left ventricular kinetics by bidimensional echography in the subacute and stabilized phases of myocardial infarct] Mori A, et al. **Minerva Cardioangiol** 1984 Oct;32(10):683–91 (Eng. Abstr.) **(Ita)**

[Quantification of fetal cardiac time intervals by mono–bidimensional echocardiography. Methodology] Mandorla S, et al. **Minerva Ginecol** 1985 Apr;37(4):141–5 (Eng. Abstr.) **(Ita)**

[Three–dimensional reconstruction and display of left ventricle from two–dimensional echocardiograms] Kuno Y, et al. **Iyodenshi To Seitai Kogaku** 1985 Feb;23(1):14–20 (Eng. Abstr.) **(Jpn)**

[Non–invasive estimation of transmitral pressure gradient and mitral valve area in mitral stenosis by an ultrasonic pulsed Doppler technique] Asao M, et al. **J Cardiogr** 1984 Jun; 14(1):149–61 (Eng. Abstr.) **(Jpn)**

[Computerized processing of two–dimensional echo–cardiograms: its application for quantitating left ventricular regional contractility and three–dimensional echocardiography] Fujii J, et al. **J Cardiogr** 1984;14 Suppl 3:3–21 (Eng. Abstr.) **(Jpn)**

[Left ventricular function in patients with right ventricular overload evaluated by exercise echocardiography: comparison of pulmonary hypertension and atrial septal defects] Ishimoto T, et al. **J Cardiogr** 1984 Oct;14(3):521–35 (Eng. Abstr.) **(Jpn)**

[Current status of pulsed Doppler method] Matsuo H, et al. **J Cardiogr** 1984;14 Suppl 2:27–39 **(Jpn)**

[Detection of a shunt flow through a defect in secundum atrial septal defect by right parasternal approach using pulsed Doppler echocardiography] Minagoe S, et al. **J Cardiogr** 1984 Jun;14(1):175–87 (Eng. Abstr.) **(Jpn)**

[Problems in estimating the severity of aortic regurgitation by pulsed Doppler echocardiography: with special reference to its distribution pattern] Miyazawa S, et al. **J Cardiogr** 1984 Jun;14(1):163–74 (Eng. Abstr.) **(Jpn)**

[Comparative study of two–dimensional echocardiography and left ventriculography in detecting interventricular septal asynergy in myocardial infarction] Nishimura S, et al. **J Cardiogr** 1984 Oct;14(3):433–43 (Eng. Abstr.) **(Jpn)**

[Left ventricular diastolic filling patterns in hypertrophic cardiomyopathy and myocardial infarction: studies by pulsed doppler echocardiography and multi–gated blood pool scans] Ohkushi H, et al. **J Cardiogr** 1984 Jun; 14(1):95–104 (Eng. Abstr.) **(Jpn)**

[Noninvasive determination of the ratio of pulmonary to systemic blood flow with two–dimensional Doppler echocardiography: efficacy and limitation] Okamoto M, et al. **J Cardiogr** 1984 Jun;14(1):189–200 (Eng. Abstr.) **(Jpn)**

[Quantitation of mitral regurgitation by left ventricular blood flow dynamics: a pulsed Doppler echocardiographic study] Sanada J, et al. **J Cardiogr** 1984 Oct;14(3):471–81 (Eng. Abstr.) **(Jpn)**

[Regional myocardial contraction in ischemic heart disease: evaluation of regional myocardial thickening by two–dimensional echocardiography] Takarada A, et al. **J Cardiogr** 1984 Jun;14(1):49–58 (Eng. Abstr.) **(Jpn)**

[Early non–invasive diagnosis of ventricular septal rupture following acute myocardial infarction: role of two–dimensional and pulsed Doppler echocardiography] Asaka T, et al. **Kokyu To Junkan** 1985 Jun;33(6):777–82 (Eng. Abstr.) **(Jpn)**

[Evaluation of left ventricular wall motion and systolic thickening by two–dimensional echocardiography] Hosokawa M, et al. **Kokyu To Junkan** 1984 Aug; 32(8):797–803 **(Jpn)**

[Two–dimensional echocardiographic diagnosis of a case with congenital absence of the right superior vena cava associated with tetralogy of Fallot] Oguni H, et al. **Kokyu To Junkan** 1985 Apr;33(4):587–92 (Eng. Abstr.) **(Jpn)**

[Application of data processing. a. Development of echocardiography] Omoto R. **Nippon Rinsho** 1984 Dec; 42(12):2753–63 (24 ref.) **(Jpn)**

[Routine M–mode echocardiography in diagnosing cardiopathies. A study of 8000 cases] Drăgulescu I, et al. **Rev Med Interna [Med Interna]** 1985 Mar–Apr;37(2):171–8 (Eng. Abstr.) **(Rum)**

[Echocardiographic evaluation (M system) of hypertrophy and wall stress of the left ventricle under volume and pressure loading] Streian C, et al.

Rev Med Interne [Med Interna] 1984 Jul-Aug;36(4):373-8 (Eng. Abstr.) (Rum)

[Right heart function based on 2-dimensional echocardiographic data in heart failure patients] Randmaa IL, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1984;7(2):32-6 (Eng. Abstr.) (Rus)

[Reproducibility of several of the parameters of unidimensional echocardiography, sectoral scanning and tetrapolar rheoplethysmography of the chest cavity] Gol'dberg GA, et al. **Kardiologiia** 1985 Apr;25(4):58-60 (Eng. Abstr.) (Rus)

[Idiopathic hypertrophic subaortic stenosis: analysis of the basic echocardiographic signs by means of uni- and 2-dimensional studies] Korytnikov KI. **Kardiologiia** 1984 Aug;24(8):23-7 (Eng. Abstr.) (Rus)

[Recognition of early changes in the heart in arterial hypertension by 1- and 2-dimensional echocardiographic technics] Pal LM, et al. **Kardiologiia** 1985 Jan;25(1):85-6 (Rus)

[Comparative evaluation of the dynamics of the echocardiographic parameters following open and closed mitral commissurotomy] Zaretskiĭ VV, et al. **Kardiologiia** 1985 Apr;25(4):55-7 (Eng. Abstr.) (Rus)

[Determining the area of myocardial damage by the method of sectorial scanning and its value for prognosis of the outcome of acute myocardial infarction] Charchoglian RA, et al. **Ter Arkh** 1985;57(5):68-72 (Eng. Abstr.) (Rus)

[Diagnosis of impairment of segmental myocardial contractility during the acute phase of infarction using sector scanning] Charchoglian RA, et al. **Ter Arkh** 1984; 56(8):23-6 (Eng. Abstr.) (Rus)

[Diagnosis of thrombosis of the left ventricle in patients with acute myocardial infarction using 2-dimensional echocardiography] Chikvashvili DI, et al. **Ter Arkh** 1984; 56(8):26-9 (Eng. Abstr.) (Rus)

[Space-occupying masses in the right atrial cavity. Findings in segmental echo scanning] Gol'dberg GA, et al. **Ter Arkh** 1985;57(4):71-4 (Eng. Abstr.) (Rus)

[Quantitative evaluation of disorders of total and regional contractile function in patients with left ventricular postinfarct aneurysm using computed 2-dimensional echocardiography] Ruda MIa, et al. **Ter Arkh** 1985; 57(4):110-5 (Rus)

[Function of the right heart based on 2-dimensional contrast echocardiography data in primary pulmonary hypertension and dilated cardiomyopathy] Sobol' IuS, et al. **Ter Arkh** 1985;57(4):34-40 (Eng. Abstr.) (Rus)

[Atlas of bidimensional subdiaphragmatic echocardiography. Technics, anatomical planes and its interpretation] Huerta D, et al. **Arch Inst Cardiol Mex** 1984 Jul-Aug;54(4):381-403 (Eng. Abstr.) (Spa)

[M-mode echocardiographic registration of the pulmonary valve from the subxiphoid region] Gutiérrez Palau L, et al. **Rev Esp Cardiol** 1985 Jan-Feb;38(1):26-33 (Eng. Abstr.) (Spa)

STANDARDS

Usefulness of Doppler echocardiography for determining hemodynamic improvement with intravenous verapamil in hypertrophic cardiomyopathy. Cooper M, et al. **Am J Cardiol** 1985 Jul 1;56(1):201-2

Echocardiographic aortic to mitral valve opening area ratio for determining the presence and severity of mitral regurgitation. Hofmann T, et al. **Am J Cardiol** 1985 Jul 1;56(1):115-8

Superiority of two-dimensional measurement of aortic vessel diameter in Doppler echocardiographic estimates of left ventricular stroke volume. Gardin JM, et al. **J Am Coll Cardiol** 1985 Jul;6(1):66-74

Limited reliability of the 'negative' two-dimensional echocardiogram in the evaluation of infectious vegetative endocarditis: diagnostic and surgical implications. McFadden PM, et al. **J Cardiovasc Surg (Torino)** 1985 Jan-Feb;26(1):59-63

[Normal values for two-dimensional echocardiography] Erbel R, et al. **Dtsch Med Wochenschr** 1985 Jan 25; 110(4):123-8 (Eng. Abstr.) (Ger)

[Report of the Joint Committee of the International Society and Federation of Cardiology and the World Health Organization on the recommendation for the standardization of quantitation of M-mode echocardiography] O'Rourke RA, et al. **Arch Inst Cardiol Mex** 1984 Jul-Aug;54(4):405-9 (Spa)

TRENDS

[Echocardiography in coronary disease. Present and future (editorial)] Bloch A. **Arch Mal Coeur** 1985 Jun;78(6):817-8 (Fre)

VETERINARY

Echocardiographic reference values in healthy cats sedated with ketamine hydrochloride. Fox PR, et al. **Am J Vet Res** 1985 Jul;46(7):1479-84

M-mode echocardiographic measurements in nonanesthetized healthy cats: effects of body weight, heart rate, and other variables. Jacobs G, et al. **Am J Vet Res** 1985 Aug;46(8):1705-11

Change in M-mode echocardiographic values in cats given ketamine. Jacobs G, et al. **Am J Vet Res** 1985 Aug; 46(8):1712-3

Normal values of the canine M-mode echocardiogram. Lombard CW. **Am J Vet Res** 1984 Oct;45(10):2015-8

Echocardiography in foals from birth to three months old. Stewart JH, et al. **Equine Vet J** 1984 Jul;16(4):332-41

Diagnostic ultrasound imaging in domestic animals: two-dimensional and M-mode echocardiography. Yamaga Y, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):493-503

ECHOENCEPHALOGRAPHY

Sonographic recognition of agenesis of the corpus callosum. Atlas SW, et al. **AJR** 1985 Jul;145(1):167-73

Cranial sonography of the infant treated with extracorporeal membrane oxygenation. Bowerman RA, et al. **AJR** 1985 Jul;145(1):161-6

Neonatal periventricular leukomalacia: real-time sonographic diagnosis with CT correlation. Chow PP, et al. **AJR** 1985 Jul;145(1):155-60

Cranial ultrasound in preterm infants: long term follow up. Baerts W, et al. **Arch Dis Child** 1985 Aug;60(8):702-5

Ultrasound augmentation of central nervous system tumor therapy. Heimburger RF. **Indiana Med** 1985 Jun; 78(6):469-76

Neonatal cerebral ischaemia: early ultrasound/CT correlation. Cornil AM, et al. **J Neuroradiol** 1985;12(1):71-5 (Eng, Fre)

Serial plasma oncotic pressure levels and echoencephalography during and after delivery in severe pre-eclampsia. Zinaman M, et al. **Lancet** 1985 Jun 1; 1(8440):1245-7

CCT and sonographic findings in congenital craniopharyngioma. Helmke K, et al. **Neuroradiology** 1984; 26(6):523-6

Real time ultrasound diagnosis of hemorrhagic pathological conditions in the posterior fossa of preterm infants. Bejar R, et al. **Neurosurgery** 1985 Mar;16(3):281-9

Early echographic findings in non-hemorrhagic periventricular leukomalacia of the premature infant. Delaporte B, et al. **Pediatr Radiol** 1985;15(2):82-4

The calcar avis: demonstration with cranial US. DiPietro MA, et al. **Radiology** 1985 Aug;156(2):363-4

US anatomy of the posterior fossa in children: correlation with brain sections. Yousefzadeh DK, et al. **Radiology** 1985 Aug;156(2):353-61

[Echographically controlled ventricle punctures] Jeannin P, et al. **Tijdschr Kindergeneeskd** 1984 Jun;52(3):101-3 (Eng. Abstr.) (Dut)

[Measurement of the lateral ventricles by cerebral echography in the newborn infant] Couchard M, et al. **Ann Radiol (Paris)** 1984 Jan;27(1):37-41 (Eng. Abstr.) (Fre)

[Echography and subdural effusion] Veyrac C, et al. **Ann Radiol (Paris)** 1984 Sep-Oct;27(6):487-91 (Eng. Abstr.) (Fre)

[Echographic monitoring of post-hemorrhagic ventricular dilatations in premature newborn infants. Value of the determination of a ventricular index] Saliba E, et al. **Arch Fr Pediatr** 1985 Apr;42(4):281-4 (Eng. Abstr.) (Fre)

[Sonographic position and functional diagnosis of ventricular positioned shunt systems in infants with hydrocephalus] Bode H, et al. **Klin Padiatr** 1985 Mar-Apr;197(2):94-7 (Eng. Abstr.) (Ger)

[Steady-state response in boys with infantile brain damage] Cammann R, et al. **Padiatr Grenzgeb** 1985;24(2):147-51 (Eng. Abstr.) (Ger)

[Sonographic detection of solid intracerebral tumors in infancy] Kleinhans F, et al. **Padiatr Grenzgeb** 1984; 23(6):391-403 (Eng. Abstr.) (Ger)

[Post-traumatic acute epidural and chronic subdural hematomas diagnosed by echoencephalography] Bibi C, et al. **Harefuah** 1983 Jun;104(11-12):506-8 (Eng. Abstr.) (Heb)

[Cerebral echography. Technology and anatomy] De Filippi G. **Radiol Med (Torino)** 1984 Sep;70(9):647 (Ita)

[Echographic-computer tomographic correlations in the study of the infant brain] Guastalla PP, et al. **Radiol Med (Torino)** 1984 Sep;70(9):650-1 (Ita)

[Importance of echoencephalography for detecting early complications after operations on the brain] Mad'iarov SD, et al. **Klin Khir** 1984 Dec;(12):42-3 (Rus)

[Multi-axial echoencephalography in the diagnostic system for brain tumors] Tigliev GS, et al. **Zh Vopr Neirokhir** 1984 Sep-Oct;(5):26-32 (Eng. Abstr.) (Rus)

[Echoventriculographic diagnosis of cerebral atrophic processes] Zikić M, et al. **Med Pregl** 1983;36(11-12):537-8 (Ser)

[Use of echoencephalography in the diagnosis of organic brain damage in alcoholism] Traubner P, et al. **Cesk Neurol Neurochir** 1985 Mar;48(2):78-82 (Eng. Abstr.) (Slo)

[Initial experience with B-scan echoencephalography in neurosurgical practice] Santa M, et al. **Cesk Radiol** 1985 May;39(3):166-72 (Eng. Abstr.) (Slo)

INSTRUMENTATION

Intraoperative ultrasonography through a burr-hole. Masuzawa H, et al. **Acta Neurochir (Wien)** 1985; 77(1-2):41-5

[Microvascular intraoperative Doppler sonography] Gilsbach JM. **Ultraschall Med** 1984 Oct;5(5):246-54 (Eng. Abstr.) (Ger)

[Ultrasonic resection of brain tumors] Reinhardt HF, et al. **Ultraschall Med** 1984 Oct;5(5):260-4 (Eng. Abstr.) (Ger)

[Real-time immersion-automatized echography in pediatric craniology] Di Egidio M, et al. **Radiol Med (Torino)** 1984 Sep;70(9):651-2 (Ita)

METHODS

Value of ultrasound for identification of acute hemorrhagic necrosis of thalamus and basal ganglia in an asphyxiated term infant. Kreusser KL, et al. **Ann Neurol** 1984 Sep; 16(3):361-3

Intraoperative use of ultrasound in neurosurgery. Chandler WF, et al. **Clin Neurosurg** 1983;31:550-63

Digital subtraction angiography in patients with cerebral ischaemic attacks and normal continuous wave Doppler studies. Guidotti M, et al. **J Neurol Neurosurg Psychiatry** 1985 Jan;48(1):39-43

Ultrasound recognition of the cavum septi pellucidi and the cavum vergae in the newborn. Cerisoli M, et al. **J Nucl Med Allied Sci** 1984 Jul-Sep;28(3):163-6

Postoperative evaluation of extracranial-intracranial arterial bypass by means of ultrasonic quantitative flow measurement and computed mapping of the electroencephalogram. Hyodo A, et al. **Neurosurgery** 1984 Sep;15(3):381-6

[Sonographic detection of brain tumors in infancy] Deeg KH, et al. **Klin Padiatr** 1985 Jan-Feb;197(1):44-9 (Eng. Abstr.) (Ger)

[Sonographic characteristics of the Arnold-Chiari syndrome and hydrocephalus in children with meningomyelocele] Deeg KH. **Monatsschr Kinderheilkd** 1984 Nov; 132(11):854-60 (Eng. Abstr.) (Ger)

[Cerebral sonography in children and adolescents with acquired skull defects] Winkler P, et al. **ROFO** 1984 Dec; 141(6):689-94 (Eng. Abstr.) (Ger)

[Transcranial Doppler sonography in neurosurgery] Harders A, et al. **Ultraschall Med** 1984 Oct;5(5):237-45 (Eng. Abstr.) (Ger)

[Intraoperative localization of space-occupying intracranial processes using ultrasound] Raghavendra BN, et al. **Ultraschall Med** 1984 Oct;5(5):255-9 (Eng. Abstr.) (Ger)

[2-dimensional echoencephalography in childhood: method, indications and personal results] Trittenwein G. **Wien Klin Wochenschr** 1985 Jan 4;97(1):48-53 (Eng. Abstr.) (Ger)

[Bedside cerebral echography in a neonatal intensive care unit] Beluffi G, et al. **Radiol Med (Torino)** 1984 Sep; 70(9):648-50 (Ita)

ECHOLOCATION see under **ORIENTATION**

ECHOTHIOPHATE IODIDE

PHARMACODYNAMICS

Blood flow in aphakic rabbit eyes after sub-chronic glaucoma drug treatment. Green K, et al. **Curr Eye Res** 1985 Jun; 4(6):667-70

THERAPEUTIC USE

[Role of phospholine in the postoperative treatment of esotropia] Bérard PV, et al. **Bull Soc Ophtalmol Fr** 1984 Aug-Sep;84(8-9):1007-12 (Eng. Abstr.) (Fre)

ECHOVIRUS 6 see under **ECHOVIRUSES**

ECHOVIRUS 9 see under **ECHOVIRUSES**

ECHOVIRUS INFECTIONS

Fatal ECHO virus 11 infection in one of newborn twins. Nawab RA. **Indian J Pathol Microbiol** 1984 Jan;27(1):19-26

Fatal hepatoadrenal necrosis in the neonate associated with echovirus types 11 and 12 presenting as a surgical emergency. Speer ME, et al. **J Pediatr Surg** 1984 Oct; 19(5):591-3

CLASSIFICATION

[Echovirus infections] Il'inskiĭ IuA, et al. **Sov Med** 1984; (8):48-51 (45 ref.) (Rus)

COMPLICATIONS

A case of agammaglobulinaemia complicated by meningoencephalitis due to Echo virus 27. Farmer K, et al. **Aust Paediatr J** 1984 Aug;20(3):229-31

DIAGNOSIS

Rapid diagnosis of echovirus type 33 meningitis by specific IgM detection using an enzyme linked immunosorbent assay (ELISA). Chomel JJ, et al. **J Virol Methods** 1985 Jan;10(1):11-9

Immunoglobulin responses to echovirus type 11 by enzyme linked immunosorbent assay: single-serum diagnosis of acute infection by specific IgM antibody. Gong CM, et al. **J Virol Methods** 1984 Nov;9(3):209-21

[Echovirus 11 outbreak among premature newborn infants in a neonatal intensive care unit] Steinmann J, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Apr; 259(2):284-93 (Eng. Abstr.) (Ger)

[A clinical study of aseptic meningitis due to echovirus type

30] Sato Y, et al. **Rinsho Shinkeigaku** 1984 May;24(5):492–7 (Eng. Abstr.) **(Jpn)**

[Clinical course of serous meningitis during the 1982 epidemic] Macura T. **Wiad Lek** 1984 Jun 1;37(11):848–52 (Eng. Abstr.) **(Pol)**

IMMUNOLOGY

Neutralizing antibody and interferon–alpha in cerebrospinal fluids and sera of acute aseptic meningitis. Ichimura H, et al. **J Med Virol** 1985 Mar;15(3):231–7

MICROBIOLOGY

Persistence of echovirus 6 in cloned human cells. Gibson JP, et al. **J Virol** 1985 Apr;53(4):219–23

OCCURRENCE

Method for selecting optimal cells for enterovirus isolation as determined in an outbreak of echovirus type 33 meningitis. Druyts–Voets E, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):331–4

Probit analysis of data for infection with echovirus–12 should generate a straight line [letter] Wallbank AM. **J Infect Dis** 1985 Sep;152(3):649–50

Echo 30 outbreak, 1983–4 [letter] Shone G, et al. **NZ Med J** 1985 Aug 14;98(784):658

Enteroviral infections. Brunell PA. **Pediatr Infect Dis** 1985 May–Jun;4(3 Suppl):S46–7

[The course of viral meningitis in patients treated at the Infectious Disease Clinic, Medical Academy, in Cracow during the period of epidemic intensity (August–November 1982)] Begejowicz C, et al. **Pol Tyg Lek** 1984 Jun 11; 39(24):819–21 (Eng. Abstr.) **(Pol)**

[An epidemic of viral meningitis caused by ECHO 4 occurring in Panama in 1981] Sáenz RE, et al. **Rev Med Panama** 1984 Sep;9(3):188–99 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Echovirus meningomyeloencephalitis with administration of intrathecal immunoglobulin. Hadfield MG, et al. **J Neuropathol Exp Neurol** 1985 Sep;44(5):520–9

PREVENTION & CONTROL

Prevention of spread of echovirus 6 in a special care baby unit. Carolane DJ, et al. **Arch Dis Child** 1985 Jul; 60(7):674–6

THERAPY

Successful reversal of echovirus encephalitis in X–linked hypogammaglobulinemia by intraventricular administration of immunoglobulin. Erlendsson K, et al. **N Engl J Med** 1985 Feb 7;312(6):351–3

Echovirus encephalitis/myositis in X–linked agammaglobulinemia [letter] Mease PJ, et al. **N Engl J Med** 1985 Sep 19;313(12):758

TRANSMISSION

Studies of echovirus–12 in volunteers: determination of minimal infectious dose and the effect of previous infection on infectious dose. Schiff GM, et al. **J Infect Dis** 1984 Dec;150(6):858–66

ECHOVIRUSES

GROWTH & DEVELOPMENT

Virion conformational forms and the complex inactivation kinetics of echovirus by chlorine in water. Young DC, et al. **Appl Environ Microbiol** 1985 Feb;49(2):359–64

Persistence of echovirus 6 in cloned human cells. Gibson JP, et al. **J Virol** 1985 Apr;53(4):219–23

IMMUNOLOGY

Neutralization kinetic analysis of echovirus 30 and coxsackievirus B4 strains revealed little antigenic variation amongst the echovirus strains. Ash P, et al. **Aust J Exp Biol Med Sci** 1985 Apr;63 (Pt 2):219–21

Immunoglobulin responses to echovirus type 11 by enzyme linked immunosorbent assay: single–serum diagnosis of acute infection by specific IgM antibody. Gong CM, et al. **J Virol Methods** 1984 Nov;9(3):209–21

Maternal and neonatal neutralizing antibody titers to selected enteroviruses. Hammond GW, et al. **Pediatr Infect Dis** 1985 Jan–Feb;4(1):32–5

ISOLATION & PURIFICATION

Elution of enteric viruses from Mississippi estuarine sediments with lecithin–supplemented eluents. Johnson RA, et al. **Appl Environ Microbiol** 1984 Sep;48(3):581–5

Isolation of echovirus type 11 from synovial fluid in acute monocytic arthritis. Kujala G, et al. **Arthritis Rheum** 1985 Jan;28(1):98–9

Method for selecting optimal cells for enterovirus isolation as determined in an outbreak of echovirus type 33 meningitis. Druyts–Voets E, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):331–4

Enterovirus surveillance––United States, 1985. **MMWR** 1985 Aug 16;34(32):494–5

METABOLISM

NMR parameters of local anesthetics as biological markers of the cell–virus interactions. Valensin PE, et al. **Arch Virol** 1985;83(3–4):241–9

PATHOGENICITY

Studies of echovirus–12 in volunteers: determination of minimal infectious dose and the effect of previous infection on infectious dose. Schiff GM, et al. **J Infect Dis** 1984 Dec;150(6):858–66

PHYSIOLOGY

Echo 9 virus–induced order–disorder transition of chemotactic response of human polymorphonuclear leucocytes: phenomenology and molecular biology. Bültmann BD, et al. **Blood Cells** 1984;10(1):79–106

ECK FISTULA see **PORTACAVAL SHUNT, SURGICAL**

ECLAMPSIA

Pregnancy–induced hypertension: development of a model in the pregnant primate (Papio anubis). Cavanagh D, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):987–99

Changing trends in the clinical features of eclampsia. Liang ST, et al. **Asia Oceania J Obstet Gynaecol** 1984 Dec; 10(4):457–64

Late appearance of postpartum eclampsia [letter] Michaeli J. **JAMA** 1985 Aug 16;254(7):909

COMPLICATIONS

Fetal resuscitation with terbutaline during eclampsia–induced uterine hypertonus. Barrett JM. **Am J Obstet Gynecol** 1984 Dec 1;150(7):895

Tocolysis of eclampsia–associated uterine hypertonus [letter] Kells DN. **Am J Obstet Gynecol** 1985 Jul 1;152(5):608

[Acute edema of the lung in eclampsia] Delorme N, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(5):557–64 (Eng. Abstr.) **(Fre)**

[Progressive respiratory insufficiency in the adult associated with eclampsia. Presentation of a case] Martínez Sánchez E, et al. **Ginecol Obstet Mex** 1983 Mar;51(311):79–82 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Pregnancy–associated hypertension in Papua New Guinea. Savige J. **Trop Doct** 1985 Jan;15(1):34–7

[Unrecognized eclampsia after delivery] Gram BR, et al. **Ugeskr Laeger** 1984 Jul 30;146(31):2318–9 (Eng. Abstr.) **(Dan)**

DRUG THERAPY

The 'lytic cocktail' induces recurrence of fits in the treatment of eclampsia [letter] El–Kadre D. **Am J Obstet Gynecol** 1985 Jan 1;151(1):143–5

Chlormethiazole in the management of eclampsia. Okpere EE, et al. **East Afr Med J** 1984 Apr;61(4):316–20

Cardiopulmonary arrest after the administration of magnesium sulphate. A case report. Richards A, et al. **S Afr Med J** 1985 Jan 26;67(4):145

Eclampsia and severe cases of pre–eclampsia treated with chlormethiazole (Heminevrin) during a 10 year period. Johannesen P. **Scand J Clin Lab Invest [Suppl]** 1984; 169:76–8

Chlormethiazole as the main therapeutic agent to pre–eclamptic/eclamptic patients. Kristoffersen MB. **Scand J Clin Lab Invest [Suppl]** 1984;169:73–5

Eclampsia––review of 25 cases. Vengadasalam D. **Singapore Med J** 1983 Dec;24(6):354–6

[Drug therapy in eclampsia] Lips U. **Dtsch Med Wochenschr** 1985 Jun 21;110(25):1007–8 **(Ger)**

[Chlorpromazine in the emergency management of the acute arterial hypertension of pregnancy] García Cáceres E, et al. **Ginecol Obstet Mex** 1984 Aug;52(328):211–4 (Eng. Abstr.) **(Spa)**

HISTORY

History and epidemiology of preeclampsia–eclampsia. Chesley LC. **Clin Obstet Gynecol** 1984 Dec;27(4):801–20

METABOLISM

The HELLP (haemolysis, elevated liver enzymes, low platelet count) syndrome in severe hypertensive crises of pregnancy––does it exist? Pillay M, et al. **S Afr Med J** 1985 Feb 16;67(7):246–8

MORTALITY

Case report XX maternal mortality study. Morrison JC, et al. **J Miss State Med Assoc** 1984 Nov;25(11):299–301

OCCURRENCE

Eclampsia in the black population of the Natal midlands. Moore PJ, et al. **S Afr Med J** 1985 Apr 13;67(15):597–9

[A preliminary study of the meteorological relation to the incidence of pre–eclampsia and eclampsia in Shanghai] Qian SP. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Jul; 19(3):139–41, 189 (Eng. Abstr.) **(Chi)**

PHYSIOPATHOLOGY

Longitudinal evaluation of hemodynamic changes in eclampsia. Hankins GD, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):506–12

Eclampsia. IV. Neurological findings and future outcome. Sibai BM, et al. **Am J Obstet Gynecol** 1985 May 15; 152(2):184–92

Pathophysiology of pregnancy–induced hypertension. Worley RJ. **Clin Obstet Gynecol** 1984 Dec;27(4):821–35

Preeclampsia/eclampsia: hemodynamic and neurologic correlations. Clark SL, et al. **Obstet Gynecol** 1985 Sep; 66(3):337–40

Effect of magnesium sulfate on electroencephalographic findings in preeclampsia/eclampsia [letter] Morris JA. **Obstet Gynecol** 1985 Jun;65(6):859–60

[Cardiovascular function in patients with eclampsia] Novikova RI, et al. **Akush Ginekol (Mosk)** 1985 May; (5):69–70 **(Rus)**

[Changes in the indicators of central hemodynamics and regional cerebral blood flow in patients with eclampsia and their possible correction] Novikova RI, et al. **Anesteziol Reanimatol** 1984 Nov–Dec;(6):32–5 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Computed tomography in preeclampsia–eclampsia syndrome. Waldron RL 2d, et al. **AJNR** 1985 May–Jun;6(3):442–3

Toxemia of pregnancy: cerebral CT findings. Naheedy MH, et al. **J Comput Assist Tomogr** 1985 May–Jun;9(3):497–501

THERAPY

Continuous bladder drainage and bacteruria in obstetrics. Ekwempu CC, et al. **Trop Doct** 1985 Jan;15(1):32–3

[Cesarean section in eclampsia] Lin SH, et al. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Mar;20(2):102–4, 127 (Eng. Abstr.) **(Chi)**

[Eclampsia: analysis of a series of 18 clinical cases. Management in a severe crisis] Mellier G, et al. **Rev Fr Gynecol Obstet** 1984 Apr;79(4):271–5 (Eng. Abstr.) **(Fre)**

VETERINARY

Pregnancy toxemia (eclampsia) in Syrian golden hamsters. Richter AG, et al. **J Am Vet Med Assoc** 1984 Dec 1; 185(11):1357–8

ECO DNA TOPOISOMERASE II see **DNA GYRASE**

ECOLOGY

Some geomedical aspects. Låg J. **Acta Neurol Scand [Suppl]** 1984;100:69–75

Ecological distinctions between sympatric species of Saguinus and Sciurus. Garber PA, et al. **Am J Phys Anthropol** 1984 Oct;65(2):135–46

Occurrence of Rocky Mountain spotted fever in relation to climatic, geophysical, and ecologic variables. Kaplan JE, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1281–2

Ecology of spirochetes. Harwood CS, et al. **Annu Rev Microbiol** 1984;38:161–92 (209 ref.)

The ecology of foraging behavior: implications for animal learning and memory. Kamil AC, et al. **Annu Rev Psychol** 1985;36:141–69 (174 ref.)

Redox interactions in mixed cultures. Wimpenny JW. **Biochem Soc Trans** 1984 Dec;12(6):1138–40

Evolve II: a computer model of an evolving ecosystem. Conrad M, et al. **Biosystems** 1985;17(3):245–58

Autocatalysis in cultural ecology: model ecosystems and the dynamics of biocultural evolution. Geiger G. **Biosystems** 1985;17(3):259–72

Stability of large systems. Hastings HM. **Biosystems** 1984; 17(2):171–7

Competition and efficiency in closed freshwater algal systems: tests of ecosystem design principles. Wright DH, et al. **Biosystems** 1985;17(3):233–9

Satiety: an ecological perspective. Collier GH. **Brain Res Bull** 1985 Jun;14(6):693–700 (29 ref.)

Biomass fuel combustion and health. de Koning HW, et al. **Bull WHO** 1985;63(1):11–26

Basal metabolic rates in primates––the possible role of phylogenetic and ecological factors. Müller EF. **Comp Biochem Physiol** [A] 1985;81(4):707–11

Outline to the investigation of an environmental exposure. Kanarek MS, et al. **Ecol Dis** 1983;2(4):409–10

Population, environment, medicine and global sustainability. Loraine JA. **Ecol Dis** 1982;1(2–3):167–75 (71 ref.)

The ecology of infectious and neoplastic disease: a conceptual unification. Lower GM Jr. **Ecol Dis** 1983;2(4):397–407

Problems and methodologies in ecotoxicology: biological models and experimental plans. Ribeyre F. **Ecotoxicol Environ Safety** 1985 Jun;9(3):346–63

Heavy metal toxicity to microbe–mediated ecologic processes: a review and potential application to regulatory policies. Babich H, et al. **Environ Res** 1985 Feb;36(1):111–37 (162 ref.)

Veterinary ethics and ecologic concerns [letter] Fox MW. **J Am Vet Med Assoc** 1985 Feb 1;186(3):212, 214

Conversion of cassava starch to biomass, carbohydrates, and acids by Aspergillus niger. Tan KH, et al. **J Appl Biochem** 1984 Feb–Apr;6(1–2):80–90

Semi–field studies on the bionomics of Biomphalaria alexandrina in Egypt. Kamel EG. **J Egypt Soc Parasitol** 1984 Dec;14(2):483–93

Primacy among the primates: killing chimpanzees to help humans [letter] Warshauer DM. **JAMA** 1985 Jul 19; 254(3):356

Sahel famine. An ecological perspective [news] Krebs JR, et al. **Nature** 1985 Sep 5–11;317(6032):13–4

Behavioral and physiological responses of female house mice to foraging variation. Perrigo G, et al. **Physiol Behav** 1985 Mar;34(3):437–40

The territorial defense hypothesis and the ecology of insular vertebrates. Stamps JA, et al. **Q Rev Biol** 1985 Jun; 60(2):155–81 (230 ref.)

Coevolution of competing species: ecological character displacement. Lundberg S, et al. **Theor Popul Biol** 1985 Apr;27(2):105–19

[Urban ecology] Fellenberg G. **Naturwissenschaften** 1984 Aug;71(8):393–403 (Eng. Abstr.) **(Ger)**

[The institution and the ecosystem—aspects of child psychiatric problem solving] Gehring TM. **Prax Kinderpsychol Kinderpsychiatr** 1984 Jul;33(5):172–8 (Eng. Abstr.) **(Ger)**

[Biotests—current status and development: tests using fish—effect-related biotest methods—ecological tests] Hansen PD. **Schriftenr Ver Wasser Boden Lufthyg** 1984; 57:109–17 **(Ger)**

[Complex laboratory microecosystems—a contribution to risk evaluation of chemicals] Weissflog L, et al. **Z Gesamte Hyg** 1984 Dec;30(12):691–5 (Eng. Abstr.) **(Ger)**

[A deductive model of historic anthropology. Contribution to an ecosystemic interpretation] Grupe G. **Z Morphol Anthropol** 1985;75(2):189–95 (Eng. Abstr.) **(Ger)**

[Studies on industrial ecology at the Japan Industrial Policy Research Institute] Ogawa H. **Sangyo Ika Daigaku Zasshi** 1984 Jun 1;6(2):205–7 **(Jpn)**

[Arthropod population of Sorex araneus L. and Sorex minutus L. in forests and forest-free areas of the Niemczańskie Hills] Haitlinger R. **Wiad Parazytol** 1984; 30(3):345–67 (Eng. Abstr.) **(Pol)**

[Effect of phytoncides on air ionization] Dmitriev MT, et al. **Gig Sanit** 1984 Aug;(8):82–3 **(Rus)**

[Hygienic basis for developing complex territorial plans for nature protection] Korenevskaia EI, et al. **Gig Sanit** 1984 Dec;(12):4–6 **(Rus)**

[Protective role of forests in localizing emissions from industrial plants] Lur'e BI, et al. **Gig Sanit** 1985 Jan;(1):84 **(Rus)**

[Ecological and hygienic problems of the development of nuclear energy] Los' IP, et al. **Vrach Delo** 1985 Jun;(6):85–7 (Eng. Abstr.) **(Rus)**

[Methods of studying ecological and epidemiological aspects of a territory] Siniak KM, et al. **Vrach Delo** 1985 Feb; (2):115–8 **(Rus)**

[Ecology and epizootiology] Korenberg EI. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Mar;(3):99–103 (47 ref.) **(Rus)**

[The ecological view of pharmacology and antimicrobial therapy] Segarra Doménech J. **Med Clin (Barc)** 1985 Jun 29;85(5):199–206 **(Spa)**

[Proposals for an ecological control of Argentinian hemorrhagic fever by management of the habitat] Busch M, et al. **Medicina (B Aires)** 1984;44(1):34–40 (Eng. Abstr.) **(Spa)**

TRENDS

Ecoepidemiology—a casuistic discipline describing ecological disturbances and damages in relation to their specific causes: exemplified by chlorinated phenols and chlorophenoxy acids. Bro-Rasmussen F, et al. **Regul Toxicol Pharmacol** 1984 Dec;4(4):391–9

ECOLOGY, SEALED CABIN see **SEALED CABIN ECOLOGY**

ECONAZOLE see under **IMIDAZOLES**

ECONOMIC COMPETITION see under **ECONOMICS**

ECONOMIC VALUE OF LIFE see under **ECONOMICS**

ECONOMICS

see related

SOCIOECONOMIC FACTORS

Impact of competition and cost containment on the university hospital. King SS. **Am J Cardiol** 1985 Aug 23; 56(5):27C–31C

Competition: hallmark of health care in the decades ahead. Weikel MK. **Am Pharm** 1984 Nov;NS24(11):48–52

The seventh Gordon Arthur Ransome oration. Human rights and economic development. Tan BT. **Ann Acad Med Singapore** 1984 Oct;13(4):685–92

Private practice: capital allowances. Hepburn PF. **Br J Hosp Med** 1985 May;33(5):294, 296

Brazilian health care delivery during a recession. Woodward RS. **Bull Pan Am Health Organ** 1984;18(4):371–8 (12 ref.)

The Reagan administration: what lies ahead? Korcok M. **Can Med Assoc J** 1985 Feb 1;132(3):281–4

Measuring economic damages in wrongful death: the case of a physician. Jones JF. **Conn Med** 1984 Sep;48(9):585–9

Social and economic change, intergenerational relationships, and family formation in Taiwan. Thornton A, et al. **Demography** 1984 Nov;21(4):475–99

Hospital boards and adaptability to competitive environments. Barrett D, et al. **Health Care Manage Rev** 1984 Fall;9(4):11–20

Recessions and increased mortality [letter] Stolinsky DC. **Hosp Pract [Off]** 1984 Nov;19(11):22

Preventive health's emerging problem: individual behaviour change or social and economic change? Carlton B. **Hygie** 1985 Mar;4(1):46–50

The competitive effects of HMOs: a review of the evidence. Frank RG, et al. **Inquiry** 1985 Summer;22(2):148–61

Health insurance under competition: would people choose what is expected? Hershey JC, et al. **Inquiry** 1984 Winter; 21(4):349–60

The dilemma between competition and community service. Vladeck BC. **Inquiry** 1985 Summer;22(2):115–21

Adults' perceptions of the economic socialization of children. Furnham A, et al. **J Adolesc** 1984 Sep;7(3):217–31

Economics of an aging population. Jackson PM. **J Epidemiol Community Health** 1985 Jun;39(2):97–101

Developing capital expenditure proposals. Hoffman FM. **J Nurs Adm** 1985 Sep;15(9):32–4

Militarism and mortality [letter] **Lancet** 1985 Jul 6;2(8445):46

Paying for organs from living donors [letter] Morris PJ, et al. **Lancet** 1985 Jun 29;1(8444):1510

Militarism and mortality. An international analysis of arms spending and infant death rates. Woolhandler S, et al. **Lancet** 1985 Jun 15;1(8442):1375–8

The price of life: ethics and economics. **Minn Med** 1985 Feb; 68(2):139–43

The price of life: ethics and economics. Critique of the report issued by the Minnesota Coalition on Health Care Costs. Bell DC. **Minn Med** 1985 Feb;68(2):145–50

The corporate transformation of medicine in Minnesota galloping capitalism and the Twin Cities' medical marketplace. Reece RR. **Minn Med** 1985 Jun;68(6):419–27

Free care, cholestyramine, and health policy [letter] **N Engl J Med** 1985 Mar 21;312(12):792–3

Choosing the arbiter. The market or the government. Fein R. **N Engl J Med** 1985 Jul 11;313(2):113–5

Trade unionism for doctors. An idea whose time has come. Marcus SA. **N Engl J Med** 1984 Dec 6;311(23):1508–11

Economic beliefs and nurses' wages: sorting fact from fantasy. Greenleaf NP, et al. **Nurs Forum** 1984;21(2):53–62

Placing a value on human life. Edwards KS. **Ohio State Med J** 1985 Jun;81(6):393–9

The social benefits of price competition in medicine. Frech HE 3d. **Perspect Biol Med** 1984 Autumn;28(1):40–8

Price and income elasticities of demand for alcoholic beverages. Ornstein SI, et al. **Recent Dev Alcohol** 1983; 1:303–45 (30 ref.)

[Budgetary stagnation, but acceleration of the program of the World Health Organization] Doubek B. **Cas Lek Cesk** 1984 Aug 10;123(32):1000–1 **(Cze)**

[Health consequences of the economic development of tropical countries] Nozais JP, et al. **Med Trop (Mars)** 1985 Jan–Mar;45(1):73–8 (Eng. Abstr.) **(Fre)**

[Suicide, economics and social environment in Quebec, 1950–1981] Cormier HJ, et al. **Union Med Can** 1985 May; 114(5):360–1, 364–5, 388 (Eng. Abstr.) **(Fre)**

[Money in Marx and Freud] Harsch W. **Psyche (Stuttg)** 1985 May;39(5):429–55 (Eng. Abstr.) **(Ger)**

[Rehabilitation of the handicapped caught between content programming and economic justification] Heier D. **Rehabilitation (Stuttg)** 1984 Nov;23(4):140–7 (Eng. Abstr.) **(Ger)**

[Calculation of the economic loss to society as a result of a child's death from injuries] Anisimov VS. **Ortop Travmatol Protez** 1984 Sep;(9):58–60 **(Rus)**

[The crisis as a challenge to medicine in Mexico] Martínez-Palomo A, et al. **Gac Med Mex** 1984 Mar; 120(3):91–100 **(Spa)**

LEGISLATION & JURISPRUDENCE

Effects of the new anti-mafia law on the proceeds of crime and on the Italian economy. Arlacchi P. **Bull Narc** 1984 Oct–Dec;36(4):91–100

An antitrust primer for physicians. Anders GT, et al. **Conn Med** 1985 Feb;49(2):120–2

Restraint of trade through hospital exclusive contracts: an economic appraisal of the legal theory. Lynk WJ. **J Health Polit Policy Law** 1984 Summer;9(2):269–79

Antitrust enforcement in health care. Ten years after the AMA suit. Costilo LB. **N Engl J Med** 1985 Oct 3; 313(14):901–4

Antitrust law and the physician entrepreneur [editorial] Relman AS. **N Engl J Med** 1985 Oct 3;313(14):884–5

TRENDS

Effects of competition in medicine: practice characteristics of physicians in proprietary and nonproprietary hospitals. AMA Council on Medical Service. **Conn Med** 1985 Jun; 49(6):385–7

An assessment of the accuracy of a regional economic-demographic projection model. Murdock SH, et al. **Demography** 1984 Aug;21(3):383–404

Women, food and nutrition in Africa: Economic change and the outlook for nutrition. **Food Nutr (Roma)** 1984;10(1):71–9

Inflation and the real income of the elderly: recent evidence and expectations for the future. Clark RL, et al. **Gerontologist** 1985 Apr;25(2):146–52

Hospital receptivity to market competition: image and reality. Battistella RM. **Health Care Manage Rev** 1985 Summer; 10(3):19–26

Procompetition or more regulation? Weil TP. **Health Care Manage Rev** 1985 Summer;10(3):27–35

Evaluating the impact of certificate-of-need regulation using measures of ultimate outcome: some cautions from experience in Massachusetts. Howell JR. **Health Serv Res** 1984 Dec;19(5):587–613

Inflation's downward trend to end in '86. Neely C. **Hospitals** 1985 Jul 1;59(13):78–81

Capitalist medicine. The American way? Jackman J. **IMJ** 1984 Sep;166(3):161–5

Work assessment in the current economic climate. Monteath HG. **Int J Soc Psychiatry** 1985 Spring;31(1):54–8

Challenges to change: competition. Rupprecht P. **J Am Coll Health** 1984 Dec;33(3):128–30

Child health-care financing and competition. Austin G. **N Engl J Med** 1984 Oct 25;311(17):1117–20

Inflation: symptom or disease? Loeb S. **Ohio State Med J** 1985 Jun;81(6):375, 385

ECONOMICS, DENTAL

see related

OFFICE MANAGEMENT

The economics of American dentistry: no need to panic. Kiplinger KA. **J Am Coll Dent** 1985 Spring;52(1):44–7

Defensive financial plan: priority one. Sussman MH. **NY State Dent J** 1984 Nov;50(9):612

TRENDS

The effects of denturism on denture prices. Rosenstein DI, et al. **Am J Public Health** 1985 Jun;75(6):671–2

ECONOMICS, HOSPITAL

Proprietary hospitals in cost containment. Jones DA. **Am J Cardiol** 1985 Aug 23;56(5):40C–42C

The movable medical crisis: a parable in critical-care medicine. Reich WT. **Am J Emerg Med** 1984 Nov; 2(6):550–3

An evaluation of subsidized rural primary care programs: IV. Impact of the rural hospital on clinic self-sufficiency. McLaughlin CP, et al. **Am J Public Health** 1985 Jul; 75(7):749–53

Research for fun and profit [editorial] Krome RL. **Ann Emerg Med** 1985 Feb;14(2):184–5

Hospitals. Talbot DH. **Bull NY Acad Med** 1985 Jan-Feb; 61(1):23–30

Diagnosis related groups: the product of the hospital. Fetter RB. **Clin Res** 1984 Sep;32(3):336–40

Effects of competition in medicine: practice characteristics of physicians in proprietary and nonproprietary hospitals. AMA Council on Medical Service. **Conn Med** 1985 Jun; 49(6):385–7

Profit in medicine: the impact on hospital staffing patterns and physician practice behavior. AMA Center for Health Policy Research. **Conn Med** 1984 Oct;48(10):681–2

Financial criteria, medical practice, and the hospital medical staff. Wilcox DP. **Conn Med** 1985 Mar;49(3):169–71

Solving uncompensated hospital care: targeting the indigent and the uninsured. Wilensky GR. **Health Aff (Millwood)** 1984 Winter;3(4):50–62

Pricing objectives in nonprofit hospitals. Bauerschmidt AD, et al. **Health Serv Res** 1985 Jun;20(2):153–62

Factors associated with variation in financial condition among voluntary hospitals. Brecher C, et al. **Health Serv Res** 1985 Aug;20(3):267–300

Hospital expenses in a sector model. Friedman B, et al. **Health Serv Res** 1985 Feb;19(6 Pt 1):717–51

Evaluating the impact of certificate-of-need regulation using measures of ultimate outcome: some cautions from experience in Massachusetts. Howell JR. **Health Serv Res** 1984 Dec;19(5):587–613

Profit incentives and the hospital industry: are we expecting too much? Register CA, et al. **Health Serv Res** 1985 Jun; 20(2):225–41

Cost implications of hospital unionization: a behavioral analysis. Salkever DS. **Health Serv Res** 1984 Dec; 19(5):639–64

The case against for-profit hospitals. Eisenberg L. **Hosp Community Psychiatry** 1984 Oct;35(10):1009–13

The case for investor-owned hospitals. Rafferty FT. **Hosp Community Psychiatry** 1984 Oct;35(10):1013–6

Budget process holds health issues captive [interview by Clay Mickel] Frost M. **Hospitals** 1985 May 16;59(10):106, 108

Are consumers sensitive to hospital costs? Inguanzo JM, et al. **Hospitals** 1985 Feb 1;59(3):68–9

Indigent care provider fights for fiscal health. Mintz R. **Hospitals** 1985 Aug 1;59(15):53–4

Differences in the direct costs of public and private acute inpatient psychiatric services. Schulz RI, et al. **Inquiry** 1984 Winter;21(4):380–93

Poor people and poor hospitals: implications for public policy. Feder J, et al. **J Health Polit Policy Law** 1984 Summer;9(2):237–50

Dollars and sense: teaching cost containment to medical students. Kuske TT. **J Med Assoc Ga** 1984 Dec; 73(12):839–41

Impact of for–profit enterprise on health care. Young QD. **J Public Health Policy** 1984 Dec;5(4):449–52

Cost–effectiveness of antibiotic use [letter] Aldis WL, et al. **JAMA** 1984 Dec 21;252(23):3252

Physician education and cost containment [letter] Soumerai SB, et al. **JAMA** 1985 Apr 5;253(13):1876–7

Physician practice patterns under hospital rate–setting programs. Zuckerman S, et al. **JAMA** 1984 Nov 9; 252(18):2589–92

The private hospital—a future or not? Best J. **Med J Aust** 1985 May 13;142(10):566–7

Diagnosis–related groups and hospital costs [letter] **N Engl J Med** 1984 Nov 8;311(19):1260–1

Interhospital differences in severity of illness. Problems for prospective payment based on diagnosis–related groups (DRGs). Horn SD, et al. **N Engl J Med** 1985 Jul 4; 313(1):20–4

Access to care and the evolution of for–profit medicine [letter] Jay JR. **N Engl J Med** 1985 Jan 17;312(3):188

The hospital trustees' dilemma. To sell or not to sell? Sinn JL. **N Engl J Med** 1985 Jul 18;313(3):181

Seddon Memorial Hospital x–ray screening saga [letter] Langridge CJ. **NZ Med J** 1984 Nov 14;97(767):784

Cost of varicella epidemic [letter] Miller PJ, et al. **Pediatrics** 1985 May;75(5):989–90

Hospital cost control in Norway: a decade's experience with prospective payment. Crane TS. **Public Health Rep** 1985 Jul–Aug;100(4):406–17

Beyond peer review: the medical staff role in the price–competitive hospital. Fifer WR. **QRB** 1984 Sep; 10(9):262–8

New drugs and clinical economics: analysis of cost effectiveness in the assessment of pharmaceutical innovations. Eisenberg JM. **Rev Infect Dis** 1984 Nov–Dec; 6 Suppl 4:S905–8

Economic analysis of a new drug: potential savings in hospital operating costs from the use of a once–daily regimen of a parenteral cephalosporin. Eisenberg JM, et al. **Rev Infect Dis** 1984 Nov–Dec;6 Suppl 4:S909–23

The theory of the hospital: a review of the models. McGuire A. **Soc Sci Med** 1985;20(11):1177–84

The proprietary hospital industry: a financial analysis 1972–1982. Michel A, et al. **Soc Sci Med** 1985;21(3):235–42

Alternative financial management structures in not–for–profit MIOs. Coyne JS. **Top Health Care Financ** 1984 Winter; 11(2):27–37

[Use of coefficients of economic requirements in ambulatory care and in hospitals] Stožický A, et al. **Cesk Zdrav** 1985 Jul;33(6–7):269–77 (Eng. Abstr.) **(Cze)**

[Health care institutions with a profit goal] Stolte JB. **Ned Tijdschr Geneeskd** 1985 Feb 2;129(5):224–7 **(Dut)**

[Requirements of a modern hospital for economic and technical operations] Weibl A. **Cesk Zdrav** 1984 Oct; 32(10):435–41 (Eng. Abstr.) **(Slo)**

HISTORY

Sweet charity: state aid to hospitals in Pennsylvania, 1870–1910. Stevens R. **Bull Hist Med** 1984 Fall; 58(3):287–314

Sweet charity: state aid to hospitals in Pennsylvania, 1870–1910. Stevens R. **Bull Hist Med** 1984 Winter; 58(4):474–95 concl

TRENDS

Preferred provider organizations: antitrust aspects and implications for the hospital industry. Batavia AI. **Am J Law Med** 1984 Summer;10(2):169–88

New health service economics. Abramowitz K. **Bull NY Acad Med** 1985 Jan–Feb;61(1):31–6

Medicare payment and hospital capital: future policy options. Anderson G, et al. **Health Aff (Millwood)** 1984 Fall; 3(3):35–48

Medicare payment and hospital capital: the evolution of policy. Kinkead BM. **Health Aff (Millwood)** 1984 Fall; 3(3):49–74

Hospitals, public policy, and the future: an interview with John Alexander McMahon [interview by John K. Iglehart] McMahon JA. **Health Aff (Millwood)** 1984 Fall;3(3):20–34

Implications of hospital cost control for administrators. Dunmeyer SL, et al. **Health Care Manage Rev** 1985 Spring; 10(2):29–37

Tax–exempt hospital issues drop again during 3rd quarter of '84. **Hospitals** 1985 Jan 1;59(1):41, 43

Simplifying taxes: questions of fairness [interview by Jeffrey Finn] Bradley B. **Hospitals** 1985 Jun 16,59(12):85, 88

Admissions fall but margins are up in '84. Freko D. **Hospitals** 1985 May 1;59(9):70–2

Cost hike causes cuts in stay, beds, FTEs. Freko D, et al. **Hospitals** 1984 Nov 1;58(21):45–6

Admissions drop again, cost per case up. Freko D. **Hospitals** 1985 Feb 1;59(3):35–8

Driving a harder bargain for the donated dollar [interview by Emily Friedman] Murphy J. **Hospitals** 1985 Jul 16; 59(14):87–8

Hospital economic forecast. Neely C. **Hospitals** 1985 Apr 1;59(7):80–2, 84

Inflation's downward trend to end in '86. Neely C. **Hospitals** 1985 Jul 1;59(13):78–81

Hospital economic forecast. Neely C. **Hospitals** 1984 Oct 1;58(19):121–6

Hospital economic forecast. Neely C. **Hospitals** 1985 Jan 1; 59(1):78–82

Federal prospective payment and the NJ demonstration waiver. Maressa VA. **J Med Soc NJ** 1984 Dec;81(12):1045

Diagnosis related groups—implications for Australian physicians. Wood TJ, et al. **Med J Aust** 1985 Sep 16; 143(6):242–3

Control of hospital costs [letter] **N Engl J Med** 1985 Jan 3;312(1):54–5

On business and medicine. Shore MF, et al. **N Engl J Med** 1985 Aug 1;313(5):319–21

Medical revolution—hospital crisis. Lynch JF. **NC Med J** 1985 Jun;46(6):379–81

The 'real' cost of hospital stays only now becoming apparent to public. Kurt TL. **Occup Health Saf** 1985 Aug;54(8):32

Prospective payment strategy—is it working? Fifer WR. **Penn Med** 1984 Dec;87(12):38–42

Myths and maths of DRGs. Bradford CK. **Top Health Care Financ** 1985 Spring;11(3):72–7

ECONOMICS, MEDICAL

see related
OFFICE MANAGEMENT

Less is more? Today's economics and its challenge to psychiatry. Sharfstein SS, et al. **Am J Psychiatry** 1984 Nov; 141(11):1403–8

Surgical streams in the flow of health care financing. The role of surgery in national expenditures: what costs are controllable? Moore FD. **Ann Surg** 1985 Feb;201(2):132–41

A medical view of the role of the medical profession [editorial] **Aust Clin Rev** 1984 Mar;(11):36–9

Nova Scotia: risking rights to the political process. Moulton–Barrett D. **Can Med Assoc J** 1985 Feb 1; 132(3):279–80

Should doctors learn to say 'no'? Boyle JF. **Colo Med** 1984 Aug;81(8):188, 190–1, 208

Medicine in the '80s. Survival in an age of change. Greensher A. **Colo Med** 1984 Aug;81(8):202–3, 208

Perspectives on health economics. 3. Economics in action. Mooney G, et al. **Fam Pract** 1985 Mar;2(1):4–9 (9 ref.)

Medicine and the marketplace [editorial] Dobson RL. **J Am Acad Dermatol** 1985 Jun;12(6):1099–100

Health care: a profession or a business? O'Rourke KD. **J Am Optom Assoc** 1984 Dec;55(12):878–80

State responses to the malpractice insurance 'crisis' of the 1970s: an empirical assessment. Sloan FA. **J Health Polit Policy Law** 1985 Winter;9(4):629–46 (48 ref.)

The challenge to contain costs [letter] Houser FM. **J Med Assoc Ga** 1985 Jan;74(1):6–7

Medical students' opinions on economic aspects of the health care system. Herman MW. **J Med Educ** 1985 Jun; 60(6):431–8

The limited list of NHS drugs and its effect on their price. Deitch R. **Lancet** 1985 May 11;1(8437):1113

Three MD's discuss DRGs and the changing practice climate. **Mich Med** 1985 Jun;84(6):332–4

Antitrust enforcement in health care. Ten years after the AMA suit. Costilo LB. **N Engl J Med** 1985 Oct 3; 313(14):901–4

Antitrust law and the physician entrepreneur [editorial] Relman AS. **N Engl J Med** 1985 Oct 3;313(14):884–5

Economics and extended longevity: a case study. Gori GB, et al. **Prev Med** 1984 Jul;13(4):396–410

The high cost of treating a psychiatric disorder as a medical/surgical illness. Cohen LM, et al. **Psychosomatics** 1985 May;26(5):453–5

Manpower, entrepreneurs, and antitrust. Reuter SR. **Radiology** 1984 Nov;153(2):549–50

The economist and rehabilitation. Berkowitz M. **Rehabil Lit** 1984 Nov–Dec;45(11–12):354–7

Ethical implications of cost containment [editorial] **S Afr Med J** 1985 Mar 30;67(13):481–2

A health economist on medical sociology: reflections by an unreconstructed reductionist. Culyer AJ. **Soc Sci Med** 1985; 20(10):1013–21

The economic analysis of inequalities in health. Muurinen JM, et al. **Soc Sci Med** 1985;20(10):1029–35

Medical aspects of life insurance. Medicine & life assurance. Walwyn–Jones EO. **Trans Med Soc Lond** 1982–84; 99–100:118–21

Relationship between costs and quality of medical care [letter] Patrick K. **West J Med** 1984 Nov;141(5):689

[Methods of objective breakdown of costs in health care] Stožický A, et al. **Cesk Zdrav** 1985 Feb;33(2):67–75 (Eng. Abstr.) **(Cze)**

[Development and implementation of systems evaluation of medical work] Ol'shanskiĭ BTs. **Sov Zdravookhr** 1984; (10):14–8 **(Rus)**

[Current views on the crisis in health services] Knežević S. **Lijec Vjesn** 1985 Feb;107(2):49–54 (Eng. Abstr.) **(Scr)**

[The importance of training physicians to work according to common good management practices] Kurajica L, et al. **Lijec Vjesn** 1984 Sep;106(9):390–4 (Eng. Abstr.) **(Scr)**

[The crisis as a challenge to medicine in Mexico] Martínez–Palomo A, et al. **Gac Med Mex** 1984 Mar; 120(3):91–100 **(Spa)**

[Econometric decisions in public health] Negrete J. **Salud Publica Mex** 1984 Jul–Aug;26(4):415–20 (Eng. Abstr.) **(Spa)**

TRENDS

How shall we then practice? Magovern GJ. **Ann Thorac Surg** 1985 Aug;40(2):103–12

Medicare physician payment, participation, and reform. Burney I, et al. **Health Aff (Millwood)** 1984 Winter; 3(4):5–24

How do joint ventures affect relations with physicians? Richards G. **Hospitals** 1984 Dec 1;58(23):68–74

Capitalist medicine. The American way? Jackman J. **IMJ** 1984 Sep;166(3):161–5

Towards the proletarianization of physicians. McKinlay JB, et al. **Int J Health Serv** 1985;15(2):161–95

What lies ahead for American physicians: one economist's views [editorial] Ginzberg E. **JAMA** 1985 May 17; 253(19):2878–9

Where do we go from here? Handler S. **Minn Med** 1985 Apr;68(4):305–7

The doctor's master. Levinsky NG. **N Engl J Med** 1984 Dec 13;311(24):1573–5

Trade unionism for doctors. An idea whose time has come. Marcus SA. **N Engl J Med** 1984 Dec 6;311(23):1508–11

Public perceptions of medicine. Mechanic D. **N Engl J Med** 1985 Jan 17;312(3):181–3

Medicine versus economics. Thurow LC. **N Engl J Med** 1985 Sep 5;313(10):611–4

Medical economics, ethics, and education: some old wines in new bottles. Hamolsky MW. **NC Med J** 1985 Mar; 46(3):129–35

Health trends [editorial] **NZ Med J** 1984 Dec 12; 97(769):855–6

Medical care in a changing economic environment. Luft HS. **Pharos** 1985 Winter;48(1):2–5

[Crises in medical economics and psychiatric care] Gyoten Y. **Seishin Shinkeigaku Zasshi** 1985;87(1):20–3 **(Jpn)**

[For greater efficiency in the economy] Borisov EN. **Voen Med Zh** 1984 Dec;(12):3–7 **(Rus)**

ECONOMICS, NURSING

Marketing critical care nursing: the time is right. Kuhn R. **Heart Lung** 1985 Jul;14(4):19A–20A, 23A

Financial management series. Functional value analysis. Hoffman FM. **J Nurs Adm** 1984 Dec;14(12):25–8

Do DRG reimbursement rates reflect nursing costs? Mowry MM, et al. **J Nurs Adm** 1985 Jul–Aug;15(7–8):29–35

Economic beliefs and nurses' wages: sorting fact from fantasy. Greenleaf NP, et al. **Nurs Forum** 1984;21(2):53–62

Legislatures act on reimbursement. Thomas C. **Nurse Pract** 1985 Feb;10(2):9

TRENDS

The nursing shortage myth: living in the time of parenthesis. Riggs J, et al. **Nurs Forum** 1984;21(2):63–7

ECT (PSYCHOTHERAPY) see ELECTROCONVULSIVE THERAPY

ECTHYMA

PATHOLOGY

Pseudomonas aeruginosa O–11 folliculitis. Development into ecthyma gangrenosum in immunosuppressed patients. El Baze P, et al. **Arch Dermatol** 1985 Jul;121(7):873–6

Ecthyma gangrenosum: report of clinical, histopathologic, and bacteriologic aspects of eight cases. Greene SL, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):781–7

ECTHYMA, CONTAGIOUS

[Ecthyma of sheep and goats] Büttner M. **Tierarztl Prax** 1985; 13(2):163–9 (10 ref.) (Eng. Abstr.) **(Ger)**

DIAGNOSIS

On contagious ecthyma and its treatment in muskoxen (Ovibos moschatus). Mathiesen SD, et al. **Acta Vet Scand** 1985;26(1):120–6

Contagious pustular dermatitis of sheep—possible confusion with vesicular diseases. Larsen JW. **Aust Vet J** 1985 Jan; 62(1):27

IMMUNOLOGY

Use of indirect haemagglutination test to detect humoral antibodies of orf disease. Maeda AD, et al. **Indian J Exp Biol** 1985 Jan;23(1):65–7

Effect of passively–acquired antibodies and vaccination on the immune response to contagious ecthyma virus. Buddle BM, et al. **Vet Microbiol** 1984 Oct;9(6):515–22

Detection of antigen by fluorescence in orf virus lesions in sheep. Chubb R, et al. **Vet Rec** 1985 May 18;116(20):546–7

Persistent orf [letter] McKeever D. **Vet Rec** 1984 Sep 29; 115(13):334–5

PATHOLOGY

Attempted reactivation of contagious ecthyma in Dall sheep. Zarnke RL, et al. **Am J Vet Res** 1985 Aug;46(8):1775–6

Orf. A case report with histologic, electron microscopic, and immunoperoxidase studies. Sanchez RL, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):166–70

Persistent orf in a ram. Greig A, et al. **Vet Rec** 1984 Aug

18;115(7):149

VETERINARY

Histopathologic studies on mucosal and cutaneous lesions in contagious papular dermatitis of Japanese serow (Capricornis crispus). Okada HM, et al. **Nippon Juigaku Zasshi** 1984 Jun;46(3):257-64

Electron microscopy on mucosal and cutaneous lesions in contagious papular dermatitis of Japanese Serow (Capricornis crispus). Okada HM, et al. **Nippon Juigaku Zasshi** 1984 Jun;46(3):297-302

ECTODERM

ANATOMY & HISTOLOGY

Ectoderm as a determinant of early tissue pattern in the limb bud. Solursh M. **Cell Differ** 1984 Nov;15(1):17-24 (61 ref.)

CYTOLOGY

Developmentally regulated plasmalemmal glycoconjugates of the surface and neural ectoderm. Currie JR, et al. **Dev Biol** 1984 Nov;106(1):109-20

Interchromatin granules in the dividing embryonic ectoderm cells of postimplantation rat embryos: an electron microscopic silver-staining study. Takeuchi IK, et al. **J Electron Microsc (Tokyo)** 1984;33(2):151-9

The stages of flank ectoderm capable of responding to ridge induction in the chick embryo. Carrington JL, et al. **J Embryol Exp Morphol** 1984 Dec;84:19-34

Trophectoderm cell subpopulations in the periimplantation mouse blastocyst. Chávez DJ, et al. **J Exp Zool** 1984 Aug;231(2):267-71

[Compatibility of chick embryo eye anlagen with the ectoderm of the early amphibian gastrula in vitro] Mikhaĭlov AT. **Ontogenez** 1984 Sep-Oct;15(5):542-7 (Eng. Abstr.) (Rus)

PHYSIOLOGY

The origin of the ectodermal ring in staged human embryos of the first 5 weeks. O'Rahilly R, et al. **Acta Anat (Basel)** 1985;122(3):145-57

Mapping of the early neural primordium in quail-chick chimeras. I. Developmental relationships between placodes, facial ectoderm, and prosencephalon. Couly GF, et al. **Dev Biol** 1985 Aug;110(2):422-39

Excitability changes of presumptive ectoderm following mesodermal induction. Ito S, et al. **Dev Biol** 1984 Oct;105(2):300-14

Migration of I-cells from ectoderm to endoderm in Hydra attenuata Pall (Cnidaria, Hydrozoa) and their subsequent differentiation. Smid I, et al. **Dev Biol** 1984 Dec;106(2):469-77

Evidence that the ectoderm is the affected germ layer in the wingless mutant chick embryo. Carrington JL, et al. **J Exp Zool** 1984 Nov;232(2):297-308

ULTRASTRUCTURE

Ectodermal fragments from normal frog gastrulae condition substrata to support normal and hybrid mesodermal cell migration in vitro. Nakatsuji N, et al. **J Cell Sci** 1984 Jun;68:49-67

ECTODERMAL DEFECT, CONGENITAL

[Anhidrotic ectodermal dysplasia] Dort J, et al. **Cesk Pediatr** 1984 Nov;39(11):659-61 (Eng. Abstr.) (Cze)

COMPLICATIONS

Aplasia cutis congenita associated with valvular heart disease. Paltzik RL, et al. **Cutis** 1985 Jul;36(1):57-8

AEC syndrome: ankyloblepharon, ectodermal defects, and cleft lip and palate. Report of two cases. Spiegel J, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):810-5

[West syndrome in a case of congenital cutis aplasia] Mariani G, et al. **Pediatr Med Chir** 1984 Jul-Aug;6(4):587-9 (Eng. Abstr.) (Ita)

PATHOLOGY

Canestick lesion of vellus hair in Netherton's syndrome [letter] Menné T, et al. **Arch Dermatol** 1985 Apr;121(4):451

[Goltz syndrome: 2 female cases] Stalder JF, et al. **Ann Dermatol Venereol** 1984;111(9):833-4 (Fre)

[Unilateral Goltz syndrome in a boy] Stalder JF, et al. **Ann Dermatol Venereol** 1984;111(9):829-30 (Fre)

[Dental agenesis in anhidrotic ectodermal dysplasia] Fucci G, et al. **Minerva Stomatol** 1984 Sep-Oct;33(5):791-5 (Eng. Abstr.) (Ita)

ECTODERMAL DYSPLASIA

COMPLICATIONS

Oro-facial manifestation of hypohidrotic ectodermal dysplasia—case report. Keng SB. **Ann Acad Med Singapore** 1984 Jul;13(3):552-5

Ozena as presenting symptom of a rare and severe genetic disease: hypohidrotic ectodermal dysplasia. Martini A, et al. **Int J Pediatr Otorhinolaryngol** 1984 Oct;8(1):97-103

Mental and growth retardation with congenital atrichia and papular lesions. Christodorescu D, et al. **Neurol Psychiatr (Bucur)** 1984 Jul-Sep;22(3):163-5

[Christ-Siemens-Touraine syndrome. Completed management is unrelated to the number of years] Gardel P, et al. **Rev Stomatol Chir Maxillofac** 1985;86(2):114-6 (Eng. Abstr.) (Fre)

DIAGNOSIS

[Ectodermal dysplasia] Kapkaev RA, et al. **Vestn Dermatol Venerol** 1984 Nov;(11):44-7 (Eng. Abstr.) (Rus)

FAMILIAL & GENETIC

Odontoonychodysplasia with alopecia: a new pure ectodermal dysplasia with probable autosomal recessive inheritance. Pinheiro M, et al. **Am J Med Genet** 1985 Jan;20(1):197-202

Autoimmune polyendocrinopathy—candidosis—ectodermal dystrophy (APECED): autosomal recessive inheritance. Ahonen P. **Clin Genet** 1985 Jun;27(6):535-42

Manifestation of the lines of Blaschko in women heterozygous for X-linked hypohidrotic ectodermal dysplasia. Happle R, et al. **Clin Genet** 1985 May;27(5):468-71

A newly recognized feature of ectrodactyly, ectodermal dysplasia, clefting (EEC) syndrome: comedone naevus. Leibowitz MR, et al. **Dermatologica** 1984;169(2):80-5

A new syndrome in the group of euhidrotic ectodermal dysplasia. Pilodental dysplasia with refractive errors. Kopyść Z, et al. **Hum Genet** 1985;70(4):376-8

Uncombable hair syndrome: observations on response to biotin and occurrence in siblings with ectodermal dysplasia. Shelley WB, et al. **J Am Acad Dermatol** 1985 Jul;13(1):97-102

[Anodontic anhydrotic ectodermal dysplasia] Jourdain JC, et al. **Ann Dermatol Venereol** 1984;111(10):939-40 (Fre)

PATHOLOGY

Hypodontia, ectodermal dysplasia and sweat pore count. Tso MS, et al. **Br Dent J** 1985 Jan 19;158(2):56-60

[A case of congenital defect of the scalp and skull] Di Giuseppe A, et al. **Pediatr Med Chir** 1984 Sep-Oct;6(5):713-7 (Eng. Abstr.) (Ita)

PSYCHOLOGY

Intellectual functioning and ectodermal dysplasia [letter] Tanner BA. **Pediatrics** 1985 Jan;75(1):126-7

URINE

[Mucopolysacchariduria in genetic dermatoses: hereditary epidermolysis bullosa, congenital ichthyosis and ectodermal dysplasia] László A, et al. **Z Hautkr** 1985 Feb 1;60(3):254-6 (Eng. Abstr.) (Ger)

ECTOHORMONES see **PHEROMONES**

ECTOPARASITIC INFESTATIONS

Infections and infestations of the skin. Feingold DS, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 2):971-4 (15 ref.)

[Demodex folliculorum] Utíkalová M, et al. **Cesk Oftalmol** 1985 May;41(3):202-3 (Eng. Abstr.) (Cze)

[Fleas (Siphonaptera) in the human environment. Analytic findings between 1961-1983 in the district of Leipzig (East Germany). II. Spacial and temporal distribution] Vater G, et al. **Angew Parasitol** 1985 Mar;26(1):27-38 (Eng. Abstr.) (Ger)

DIAGNOSIS

Unusual arthropod ectoparasitic infestations of man. Goldsmid JM. **Aust Fam Physician** 1985 May;14(5):386-8

[Delusions of parasitic infestation in somatic disease; interpretation based on the dissolution theory] Giersz T. **Wiad Lek** 1984 Sep 15;37(16):1309-11 (Eng. Abstr.) (Pol)

IMMUNOLOGY

Xenopsylla cheopis: cellular expression of hypersensitivity in guinea pigs. Johnston CM, et al. **Exp Parasitol** 1985 Feb;59(1):81-9

OCCURRENCE

The prevalence of sand flea (Tunga penetrans) among primary and post-primary school pupils in Choba area of the Niger Delta. Arene FO. **Public Health** 1984 Sep;98(5):282-3

PARASITOLOGY

[Fleas (Siphonaptera) in man. Analysis of findings from 1961 to 1983 in the district of Leipzig (East Germany). 1. Species, sources of infestation and distribution] Vater G, et al. **Angew Parasitol** 1984 Aug;25(3):148-56 (Ger)

[Taxonomic and phylogenetic relation between the genera of Siphonaptera rhopalopsyllini obtained by the study of host-parasite relations] Linardi PM. **Rev Bras Biol** 1984 Aug;44(3):329-34 (Eng. Abstr.) (Por)

PSYCHOLOGY

Delusional parasitosis and physical disease. Berrios GE. **Compr Psychiatry** 1985 Sep-Oct;26(5):395-403

[Treatment of a dermatozoon delusion with neuroleptics] Ungvári G. **Psychiatr Prax** 1984 Jul;11(4):116-9 (Eng. Abstr.) (Ger)

THERAPY

Head-lice infestations and their treatment. Mutavdzic A. **S Afr Med J** 1984 Dec 15;66(24):923-4

VETERINARY

Fleas on roof rats in six areas of Los Angeles County, California: their potential role in the transmission of plague and murine typhus to humans. Schwan TG, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):372-9

Common ectoparasites of the camel and their control. Higgins AJ. **Br Vet J** 1985 Mar-Apr;141(2):197-216 (63 ref.)

Double-blind flea hyposensitization trial in cats. Kunkle GA, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):677-80

Effects of nutrition of animals on their ectoparasites. Nelson WA. **J Med Entomol** 1984 Nov 29;21(6):621-35 (83 ref.)

Sequential sampling to determine the minimum number of host examinations required to provide a reliable flea (Siphonaptera) index. Schwan TG. **J Med Entomol** 1984 Nov 29;21(6):670-4

Efficacy of ivermectin against ectoparasites of cattle in South Africa. Schröder J, et al. **J S Afr Vet Assoc** 1985 Mar;56(1):31-5

Leeches on freshwater farmed fishes in Iraq. Khalifa KA. **J Wildl Dis** 1985 Jul;21(3):312-3

Parasitic arthropods of wood ducks, Aix sponsa L., in the Atlantic Flyway. Thul JE. **J Wildl Dis** 1985 Jul;21(3):316-8

Ivermectin as an antiparasitic agent in cattle. Leaning WH. **Mod Vet Pract** 1984 Sep;65(9):669-72

Epidemiology of Oestrus ovis infection of sheep in Morocco. Pandey VS, et al. **Trop Anim Health Prod** 1984 Nov;16(4):246-52

Systemic activity of a benzimidazoline compound in cattle against ticks and biting flies. Boisvenue RJ, et al. **Vet Parasitol** 1985 Apr;17(4):327-35

New methods of applying drugs for the control of ectoparasites. Drummond RO. **Vet Parasitol** 1985 Aug;18(2):111-9 (77 ref.)

Use of pyrethroid impregnated tags in the control of sheep headfly disease. Appleyard WT, et al. **Vet Rec** 1984 Nov 3;115(18):463-4

Control of sheep scab and other sheep ectoparasites with propetamphos. Bramley PS, et al. **Vet Rec** 1984 Nov 3;115(18):460-3

Horn fly attack in Scotland [letter] Titchener R. **Vet Rec** 1984 Dec 15;115(24):634

[Seasonal occurrence of pests (Diptera) on pastured cattle in Chiemgau during the pasturing period 1983] Eckert I, et al. **Berl Munch Tierarztl Wochenschr** 1984 Oct 1;97(10):373-7 (Eng. Abstr.) (Ger)

[Long-term effect of insecticide-bearing ear tags (permethrin and cypermethrin) in controlling flies and tabanids on pasturing cattle in North Germany] Liebisch A. **DTW** 1985 May 7;92(5):186-91 (Eng. Abstr.) (Ger)

[Ectoparasites of wild rodents of Belo Horizonte, MG] Linardi PM, et al. **Rev Bras Biol** 1984 May;44(2):215-9 (Eng. Abstr.) (Por)

ECTOPIA CORDIS see **HEART DEFECTS, CONGENITAL**

ECTOPIA LENTIS see under **LENS DISLOCATION AND SUBLUXATION**

ECTOPIC HORMONE SYNDROMES see **NEOPLASTIC ENDOCRINE-LIKE SYNDROMES**

ECTROMELIA

Amelia with exomphalos major. Gupta SN, et al. **J Indian Med Assoc** 1984 Jun;82(6):211-2

[Sirenoid syndrome. Description of a case] Vesi G, et al. **Minerva Pediatr** 1984 Jun 30;36(12):645-51 (Eng. Abstr.) (Ita)

CHEMICALLY INDUCED

Phocomelia in infant whose mother took large doses of pyridoxine during pregnancy [letter] Gardner LI, et al. **Lancet** 1985 Mar 16;1(8429):636

A case of partial sirenomelia and possible vitamin A teratogenesis. Von Lennep E, et al. **Prenat Diagn** 1985 Jan-Feb;5(1):35-40

Thalidomide embryopathy in Germany, 1959-1961. Lenz W. **Prog Clin Biol Res** 1985;163C:77-83

DIAGNOSIS

Robert's syndrome. Shah SB, et al. **Indian Pediatr** 1984 Jun;21(6):500-2

EMBRYOLOGY

Studies on the control of proteoglycan synthesis in normal and genetically abnormal avian cartilage. Goetinck PF. **Prog Clin Biol Res** 1985;171:137-47

ETIOLOGY

The association between limb anomalies and spatially-restricting uterine environments. Graham JM Jr. **Prog Clin Biol Res** 1985;163C:99-103

FAMILIAL & GENETIC

Tetraphocomelia in the syndrome of thrombocytopenia with absent radii (TAR syndrome). Anyane-Yeboa K, et al. **Am J Med Genet** 1985 Apr;20(4):571-6

Familial recurrence of terminal transverse defects of the arm. Pauli RM, et al. **Clin Genet** 1985 Jun;27(6):555-63

Profound limb deficiency, thoracic dystrophy, unusual facies, and normal intelligence: a new syndrome. Al-Awadi SA, et al. **J Med Genet** 1985 Feb;22(1):36 8

A case of Holt-Oram syndrome severely affecting the skeleton of the upper limbs. Cevik N, et al. **Turk J Pediatr** 1985 Jan-Mar;27(1):25-32

[Dystrophic dysplasia in siblings] Arbuzova SB, et al. **Pediatriia** 1984 Dec;(12):65-6 **(Rus)**

OCCURRENCE

Reduction limb defects in Finland. Aro T. **Prog Clin Biol Res** 1985;163C:95-7

Secular trends for congenital limb defects in South America. Castilla EE, et al. **Prog Clin Biol Res** 1985;163C:91-4

[Characteristics of certain types of limb reduction abnormalities] Bod M, et al. **Orv Hetil** 1985 Aug 4; 126(31):1917-20 (Eng. Abstr.) **(Hun)**

PATHOLOGY

Sirenomelia--a case report. Purwar MB, et al. **Asia Oceania J Obstet Gynaecol** 1985 Jun;11(2):199-202

Sirenomelia ('mermaid'). de Jonge HJ, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Sep;18(1-2):85-93

[Sirenomelia--a leading symptom of the PCS complex] Reinhold-Richter L, et al. **Kinderarztl Prax** 1985 Mar; 53(3):141-5 (Eng. Abstr.) **(Ger)**

PSYCHOLOGY

Life history model of adaptation to disability: the case of a 'congenital amputee'. Frank G. **Soc Sci Med** 1984; 19(6):639-45

REHABILITATION

Oral rehabilitation to maintain independence. Tilman HH. **Arch Phys Med Rehabil** 1985 Feb;66(2):117-8

VETERINARY

Skeletal morphogenesis: comparative effects of a mutant gene and a teratogen. Kochhar DM. **Prog Clin Biol Res** 1985; 171:267-81 (39 ref.)

ECTROMELIA, INFECTIOUS see under **POXVIRUS INFECTIONS**

ECTROMELIA VIRUS

GENETICS

Recombinants between vaccinia and ectromelia viruses bearing the specific pathogenicity markers of both parents. Chernos VI, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):621-6

ECTROPION

CONGENITAL

Congenital ectropion uveae and glaucoma. Hertzberg R. **Aust N Z J Ophthalmol** 1985 Feb;13(1):45-8

Familial clefting syndrome with ectropion and dental anomaly--without limb anomalies. Allanson JE, et al. **Clin Genet** 1985 Apr;27(4):426-9

DIAGNOSIS

Observations on distichiasis, telecanthus, ectropion and blow-out orbital fracture. Rogers PA. **Aust J Ophthalmol** 1984 May;12(2):179-81

[Syndrome of the flaccid eyelid (floppy eyelid syndrome] Huber-Spitzy V, et al. **Klin Monatsbl Augenheilkd** 1984 Oct;185(4):289-91 (Eng. Abstr.) **(Ger)**

PATHOLOGY

The histopathology of involutional ectropion. Stefanyszyn MA, et al. **Ophthalmology** 1985 Jan;92(1):120-7

SURGERY

Surgical correction of punctal malposition. Tse DT. **Am J Ophthalmol** 1985 Aug 15;100(2):339-41

[Prevention and correction of postoperative ectropion following lid edge incision in the treatment of orbital floor fractures] Neubauer H. **Laryngol Rhinol Otol (Stuttg)** 1985 May;64(5):273 **(Ger)**

[Surgical treatment of bilateral cicatricial ectropion caused by burns] Legeza GV, et al. **Oftalmol Zh** 1985;(2):108-10 (Eng. Abstr.) **(Rus)**

THERAPY

Cicatricial ectropion following blepharoplasty: treatment by tissue expansion. Victor WH, et al. **Can J Ophthalmol** 1984 Dec;19(7):317-9

ECZEMA

BLOOD

[Comparative characteristics of the changes in the concentrations of sugar, insulin, glucagon and cortisol of the blood in atopic dermatitis and eczema patients] Obukhova NN. **Vestn Dermatol Venerol** 1985 Apr;(4):36-40 **(Rus)**

CHEMICALLY INDUCED

[Formaldehyde--its use and effect on the human body] Taraszkiewicz F, et al. **Pol Tyg Lek** 1984 Jul 9;39(28):963-4 **(Pol)**

[Hypersensitivity to acrylates] Dynowska D. **Przegl Dermatol** 1984 Mar-Apr;71(2):171-6 (16 ref.) **(Pol)**

[Drug-induced papulo-macular rash] Rudzki E, et al. **Przegl Dermatol** 1984 Mar-Apr;71(2):115-9 (Eng. Abstr.) **(Pol)**

[Sensitivity to carbamate accelerators in rubber processing] Rudzki E, et al. **Przegl Dermatol** 1984 Mar-Apr;71(2):121-5 (Eng. Abstr.) **(Pol)**

[Contact dermatitis associated with bronchial hyperreactivity in workers chronically exposed to detergents] Wasik F, et al. **Przegl Dermatol** 1984 Mar-Apr;71(2):127-33 (Eng. Abstr.) **(Pol)**

[Epidemiology, clinical aspects and treatment of nickel allergy] Legieć C. **Wiad Lek** 1984 Mar 15;37(6):450-5 (46 ref.) (Eng. Abstr.) **(Pol)**

[Skin-irritating and sensitizing effects of the pesticide acetochlor] Gadalina ID, et al. **Gig Sanit** 1984 Aug;(8):85-6 **(Rus)**

[Allergic properties of polymer materials and their components] Vinogradov GI, et al. **Gig Sanit** 1984 Aug; (8):71-4 (25 ref.) **(Rus)**

[Toxico-hygienic evaluation of zinc dialkyldithiophosphates in oil compositions of lubricating-cooling liquids] Porutskiĭ GV, et al. **Gig Tr Prof Zabol** 1984 Aug;(8):54-5 **(Rus)**

[Occupational toxicoderma caused by naphthalene] Tsyrkunov LP, et al. **Vestn Dermatol Venerol** 1985 May; (5):50-2 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Clinical and biochemical studies on eczema in infants and children with particular reference to associated malnutrition. Bhattacharyya SK. **Indian J Dermatol** 1984 Jan;29(1):23-6

Halo eczema around melanocytic nevi. Brenan J, et al. **Int J Dermatol** 1985 May;24(4):226-9

Ocular complications of atopic dermatitis and other eczemas. Rich LF, et al. **Int Ophthalmol Clin** 1985 Spring;25(1):61-76

DIAGNOSIS

Patch testing in children. (I) Collective test results; skin testability in children. Pevny I, et al. **Contact Dermatitis** 1984 Oct;11(4):201-6

Prediction of patch test results. Podmore P, et al. **Contact Dermatitis** 1984 Nov;11(5):283-4

Pemphigus vulgaris masquerading as dyshidrotic eczema. Milgraum SS, et al. **Cutis** 1985 May;35(5):445-6

The management of hand eczema. Rycroft RJ. **Practitioner** 1984 Nov;228(1397):1019-23

[Case of skin changes caused by Trichophyton terrestre] Ratka P, et al. **Przegl Dermatol** 1984 Jul-Aug;71(4):359-62 (Eng. Abstr.) **(Pol)**

[Case of an occupational disease incorrectly diagnosed] Rudzki E, et al. **Przegl Dermatol** 1984 Jul-Aug; 71(4):339-41 (Eng. Abstr.) **(Pol)**

DIET THERAPY

[Follow-up of children with allergodermatoses] Akhmetova MA, et al. **Pediatriia** 1984 Oct;(10):69 **(Rus)**

DRUG THERAPY

Treatment of eczema herpeticum with systemic acyclovir. Jawitz JC, et al. **Arch Dermatol** 1985 Feb;121(2):274-5

Long-term use of Sicorten ointment in chronic recalcitrant dermatoses. Bellandini R, et al. **Br J Clin Pract** 1984 Nov-Dec;38(11-12):395-8

Comparative efficacy of once a day diflorasone diacetate and twice a day betamethasone valerate ointment applications in eczematous dermatitis. Johansson EA, et al. **Curr Med Res Opin** 1984;9(4):259-64

[Treatment of eczematous skin diseases with betamethasone 17-benzoate. Statistical evaluation of changes in selected symptoms using contingency tables] Wokalek H, et al. **Fortschr Med** 1985 Mar 14;103(10):281-6 (Eng. Abstr.) **(Ger)**

[Clinical evaluation on the usefulness of 5,7-dichloro-8-hydroxyquinoline (chloroxine) in association with betamethasone 17-benzoate in the topical treatment of infected cortisone-sensitive dermopathies] Negosanti M, et al. **G Ital Dermatol Venereol** 1985 Mar-Apr;120(2):XVII-XXIII (Eng. Abstr.) **(Ita)**

[Prospects of using licorice root preparations in dermatology] Chebotarev VV. **Vestn Dermatol Venerol** 1985 Feb;(2):61-5 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Characterization and activity of phospholipase A2 in normal human epidermis and in lesion-free epidermis of patients with psoriasis or eczema. Forster S, et al. **Br J Dermatol** 1985 Feb;112(2):135-47

[Digestive activity of intestinal disaccharidases in infants with eczema] Vasil'ev IuV. **Vestn Dermatol Venerol** 1984 Oct; (10):16-20 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Eczema in primary immune-deficiencies. Clues to the pathogenesis of atopic dermatitis with special reference to the Wiskott-Aldrich syndrome. Saurat JH. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:125-8

Cow's milk, soya milk and goat's milk in a mother's diet causing eczema and diarrhoea in her breast fed infant. Cant AJ, et al. **Acta Paediatr Scand** 1985 May;74(3):467-8

Factors influencing the occurrence of hand eczema in adults with a history of atopic dermatitis in childhood. Rystedt I. **Contact Dermatitis** 1985 Apr;12(4):185-91

Photoallergic reaction. Classification and pathogenesis. Horio T. **Int J Dermatol** 1984 Jul-Aug;23(6):376-82 (48 ref.)

Sudden onset irritant dermatitis in a car component factory. Zsigmond A. **J Soc Occup Med** 1985 May;35(2):62-4

Is eczema herpeticum associated with the use of hot tubs? Cox GF, et al. **Pediatr Dermatol** 1985 Jul;2(4):322-3

[Diagnosis and therapy of anal eczema] Wienert V. **Hautarzt** 1985 Apr;36(4):232-3 (Eng. Abstr.) **(Ger)**

[Food allergy in patients with pruritic dermatoses] Kashirskiĭ IuM. **Vopr Pitan** 1984 Jul-Aug;(4):17-20 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

[Association of HLA antigens with eczema] Kubanova AA, et al. **Vestn Dermatol Venerol** 1984 Dec;(12):7-9 (Eng. Abstr.) **(Rus)**

HISTORY

'Les eczématides'. Historical review of the term. Fanti PA, et al. **Am J Dermatopathol** 1984 Oct;6(5):437-40

IMMUNOLOGY

Eczematous and immunologic diseases. Gigli I, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 2):948-56 (48 ref.)

[Changes in lymphocyte and neutrophil rosette formation in patients with microbial eczema and tinea pedis] Fedotov VP, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):16-9 (Eng. Abstr.) **(Rus)**

[Role of prostaglandins and cyclic nucleotides in the development of allergic reactions in eczema patients] Kubanova AA. **Vestn Dermatol Venerol** 1985 Apr;(4):13-5 (Eng. Abstr.) **(Rus)**

[Antibodies to double-stranded DNA in patients with microbial eczema and chronic leg ulcers] Moskalenko IuA, et al. **Vestn Dermatol Venerol** 1985 Feb;(2):6-8 (Eng. Abstr.) **(Rus)**

METABOLISM

Permeability of the small intestine to [51Cr]EDTA in children with acute gastroenteritis or eczema. Forget P, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):393-6

OCCURRENCE

Work-related hand eczema in atopics. Rystedt I. **Contact Dermatitis** 1985 Mar;12(3):164-71

Atopic background in patients with occupational hand eczema. Rystedt I. **Contact Dermatitis** 1985 May; 12(5):247-54

Breast-feeding and childhood eczema [letter] Peters T, et al. **Lancet** 1985 Jan 5;1(8419):49-50

Changes in the reported prevalence of childhood eczema since the 1939-45 war. Taylor B, et al. **Lancet** 1984 Dec 1;2(8414):1255-7

Rising incidence of eczema [letter] Taylor B, et al. **Lancet** 1985 Feb 23;1(8426):464-5

PATHOLOGY

On the concept of distinctive exudative discoid and lichenoid chronic dermatosis (Sulzberger-Garbe). Is it nummular dermatitis? Stevens DM, et al. **Am J Dermatopathol** 1984 Aug;6(4):387-95

PHYSIOPATHOLOGY

Hand dermatoses and sick-leave: relationship between educational level, physical activity at work and housework as main occupation. Kavli G, et al. **Contact Dermatitis** 1984 Aug;11(2):70-3

[Stomach function and morphology in eczema and neurodermatitis patients] Kashirskiĭ IuM, et al. **Klin Med (Mosk)** 1985 Apr;63(4):82-7 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

[Prevention of dermatitis and eczema in industrial enterprises] Kordis BD, et al. **Vrach Delo** 1984 Oct;(10):100-1 **(Rus)**

PSYCHOLOGY

The National Eczema Society. Ardill L. **Practitioner** 1984 Nov;228(1397):1059–62

RADIOTHERAPY

Conventional superficial X-ray versus Grenz ray therapy in the treatment of constitutional eczema of the hands. Fairris GM, et al. **Br J Dermatol** 1985 Mar;112(3):339–41

Superficial X-ray therapy in the treatment of constitutional eczema of the hands. Fairris GM, et al. **Br J Dermatol** 1984 Oct;111(4):445–9

Superficial X-ray therapy in the treatment of constitutional eczema of the feet [letter] Fairris GM, et al. **Br J Dermatol** 1984 Oct;111(4):500–2

A double-blind study of superficial radiotherapy in chronic palmar eczema. King CM, et al. **Br J Dermatol** 1984 Oct; 111(4):451–4

[Beta-therapy (32P) of chronic eczema] Vlakhov N, et al. **Med Radiol (Mosk)** 1985 Feb;30(2):69–70 (Eng. Abstr.) **(Rus)**

THERAPY

[Effectiveness of the combined treatment of true eczema patients with vitamins and sulfide baths at a health resort] Totoonov BA. **Vestn Dermatol Venerol** 1985 Jun;(6):38–40 (Eng. Abstr.) **(Rus)**

VETERINARY

An outbreak of facial eczema in sheep. Greenwood PE, et al. **Aust Vet J** 1985 Feb;62(2):65–6

Suspected facial eczema in sheep in the central Orange Free State. De Wet JA, et al. **J S Afr Vet Assoc** 1984 Dec; 55(4):199–200

ECZEMA, ATOPIC see **DERMATITIS, ATOPIC**

ECZEMA, CONTACT see **DERMATITIS, CONTACT**

ECZEMA VACCINATUM see **KAPOSI'S VARICELLIFORM ERUPTION**

EDATHAMIL see **EDTA**

EDEINE see under **ANTIBIOTICS**

EDEMA

see related
ANGIONEUROTIC EDEMA
BRAIN EDEMA
LARYNGEAL EDEMA
LYMPHEDEMA
MACULAR EDEMA, CYSTOID
PAPILLEDEMA
PULMONARY EDEMA

Massive ovarian oedema (a case report). Ramalaxmi PV, et al. **Indian J Pathol Microbiol** 1984 Apr;27(2):75–9

Bilateral massive ovarian edema. A case report. VanWingen T, et al. **J Reprod Med** 1984 Dec;29(12):875–7

Spontaneous intrauterine remission of hydrops fetalis in one identical twin: sonographic diagnosis. Shapiro I, et al. **JCU** 1985 Jul–Aug;13(6):427–30

[The swollen leg. Edemas of venous origin] **Phlebologie** 1985 Jan–Mar;38(1):123–80 (Eng. Abstr.) **(Fre)**

[Franco-British colloquium on phlebology. Chichester, 26–28 April 1984] **Phlebologie** 1985 Jan–Mar;38(1):1–231 (Eng. Abstr.) **(Fre)**

[Idiopathic edema--pathogenesis, clinical aspects and treatment] Tykarski A. **Pol Tyg Lek** 1985 Feb 4; 40(5):139–42 (44 ref.) **(Pol)**

BLOOD

The role of the kinin system in various inflammatory models in the rat. Damas J, et al. **Int J Tissue React** 1984;6(5):391–9

Potentiative effect of angiotensin converting enzyme inhibitor on carrageenan edema in rats and the role of tissue kininogen. Suda H, et al. **J Pharmacobiodyn** 1984 Jun; 7(6):372–7

CHEMICALLY INDUCED

Nifedipine-induced periorbital edema. Tordjman K, et al. **Am J Cardiol** 1985 May 1;55(11):1445

The mouse ear edema: a quantitatively evaluable assay for tumor promoting compounds and for inhibitors of tumor promotion. Gschwendt M, et al. **Cancer Lett** 1984 Dec; 25(2):177–85

Effects of anti-inflammatory drugs on rat paw oedema and leukocyte migration. Engler H, et al. **Int J Tissue React** 1985;7(2):133–5

Sodium lauryl sulfate irritant patch tests. II. Variations of test responses among subjects and comparison to variations of allergic responses elicited by Toxicodendron extract. Dahl MV, et al. **J Am Acad Dermatol** 1984 Sep;11(3):474–7

Sodium lauryl sulfate irritant patch tests. III. Evaporation of aqueous vehicle influences inflammatory response. Dahl MV, et al. **J Am Acad Dermatol** 1984 Sep;11(3):477–9

Clinico-pathological and experimental study of epidemic dropsy. Misra NP, et al. **J Assoc Physicians India** 1984 Nov;32(11):943–7

Peripheral edema associated with trazodone: a report of ten cases. Barnett J, et al. **J Clin Psychopharmacol** 1985 Jun; 5(3):161–4

Structure-activity in the carrageenans: iota-carrageenan and experimental oedemagenic activity. Anderson W, et al. **J Pharm Pharmacol** 1984 Dec;36(12):808–13

The effect of kinins on paw oedema and uterus in rats. Whalley ET, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Dec; 328(2):202–6

Metoclopramide-induced parkinsonism and severe edema [letter] Ahmad S. **South Med J** 1984 Oct;77(10):1345

Edema-forming activity of bushmaster (Lachesis muta stenophrys) and Central American rattlesnake (Crotalus durissus durissus) venoms and neutralization by a polyvalent antivenom. Lomonte B. **Toxicon** 1985; 23(1):173–6

[Generalized edematous syndrome: an early and uncommon complication of insulin therapy (letter)] Bosquet F, et al. **Presse Med** 1985 Mar 2;14(9):546 **(Fre)**

[Hydroxyethyl starch 450/0.7 in burn shock. Effect on edema formation] Steen M, et al. **Unfallchirurg** 1985 Jan;88(1):22–6 (Eng. Abstr.) **(Ger)**

COMPLICATIONS

Aplasia cutis congenita and intestinal lymphangiectasia. An unusual association. Bronspiegel N, et al. **Am J Dis Child** 1985 May;139(5):509–13

Generalised oedema and epidural anaesthesia [letter] Kirby IJ, et al. **Anaesthesia** 1985 Jul;40(7):709–10

Airway obstruction due to massive lingual oedema following cleft palate surgery. Lee JT, et al. **Can Anaesth Soc J** 1985 May;32(3 Pt 1):265–7

Fetal atrioventricular valve insufficiency associated with nonimmune hydrops: a two-dimensional echocardiographic and pulsed Doppler ultrasound study. Silverman NH, et al. **Circulation** 1985 Oct;72(4):825–32

Angiosarcomas arising in edematous extremities: immunostaining for factor VIII-related antigen and ultrastructural features. Capo V, et al. **Hum Pathol** 1985 Feb;16(2):144–50

Nonimmunologic fetal hydrops associated with hyperreactio luteinalis. Hatjis CG. **Obstet Gynecol** 1985 Mar;65(3 Suppl):11S–13S

Hydrops fetalis associated with Gaucher disease. Sun CC, et al. **Pathol Res Pract** 1984 Sep;179(1):101–4

[Non-immunologic hydrops fetalis. Considerations apropos of a case associated with a chorioangioma of the placenta] Domenici R, et al. **Pediatr Med Chir** 1984 Mar–Apr; 6(2):327–32 (Eng. Abstr.) **(Ita)**

CONGENITAL

Non-immunologic hydrops fetalis [letter] Phillips RR, et al. **Arch Dis Child** 1985 Jan;60(1):84

Nonimmunologic hydrops fetalis: a review of 11 cases. Evron S, et al. **J Perinat Med** 1985;13(3):147–51

DIAGNOSIS

Oedème bleu involving the lower limb. Rowe PH, et al. **Acta Chir Scand** 1985;151(4):379–80

Auditory evoked potentials--the cochlear summating potential in detection of endolymphatic hydrops. Coats AC, et al. **Am J Otol** 1984 Oct;5(6):443–6

Fetoscopy in the assessment of unexplained fetal hydrops. Nicolaides KH, et al. **Br J Obstet Gynaecol** 1985 Jul; 92(7):671–9

A prenatal diagnosis of umbilical cord oedema made by ultrasound; a case report. Quartero HW, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Aug;17(6):409–12

The facial plethysmograph: a new instrument to measure facial swelling volumetrically. Milles M, et al. **J Oral Maxillofac Surg** 1985 May;43(5):346–52

Submucosal edema of the collecting system: a new ultrasonic sign of severe, acute renal allograft rejection. A clinical note. Birnholz JC, et al. **Radiology** 1985 Jan;154(1):190

Nonimmune hydrops fetalis: diagnosis and management. Holzgreve W, et al. **Semin Perinatol** 1985 Jul;9(2):52–67 (102 ref.)

Ultrasound imaging in massive ovarian edema: case report. Fitzer PM. **Va Med** 1984 Nov;111(11):700–1

[Hydrops of the gallbladder in children] Benichou JJ, et al. **Arch Fr Pediatr** 1985 Feb;42(2):125–7 (26 ref.) **(Fre)**

[Massive edema of the ovary: apropos of a case] Chelli H, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(2):195–9 (Eng. Abstr.) **(Fre)**

[Edema in pregnancy. Calculation of the contents of maternal cells] Dumont M, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):875–80 (Eng. Abstr.) **(Fre)**

[Prenatal ultrasound findings in a case of cystic adenomatoid malformation of the lung with generalized hydrops of the fetus] Kronpass L, et al. **Geburtshilfe Frauenheilkd** 1984 Oct; 44(10):689–91 (Eng. Abstr.) **(Ger)**

[Kawasaki syndrome with acute gallbladder hydrops--case report and review of the literature] Wirth S, et al. **Klin Padiatr** 1985 Jan–Feb;197(1):68–70 (Eng. Abstr.) **(Ger)**

[Cases from edema consultations] Fischer U. **Z Lymphol** 1985 Jun;9(1):42–9 **(Ger)**

[Cases from the edema consultation] von Heyden D. **Z Lymphol** 1984 Jun;8(1):35–40 **(Ger)**

[Local edema as the presenting symptom in Schoenlein-Henoch purpura] Etzioni A, et al. **Harefuah** 1984 Dec 2;107(11):339–40 (Eng. Abstr.) **(Heb)**

[Differential diagnosis of edema] Demin AA, et al. **Klin Med (Mosk)** 1985 Feb;63(2):130–4 **(Rus)**

[Massive edema of the ovary. Report of a case] Díaz Suárez R, et al. **Rev Med Panama** 1985 May;10(2):103–7 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Long-term furosemide treatment in idiopathic edema. Shichiri M, et al. **Arch Intern Med** 1984 Nov;144(11):2161–4

Sickness in Salonica: my first, worst, and most successful clinical trial. Cochrane AL. **Br Med J [Clin Res]** 1984 Dec 22–29;289(6460):1726–7

Use of urea for treatment of water retention in hyponatraemic cirrhosis with ascites resistant to diuretics. Decaux G, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1782–3

Antiinflammatory action of hydrosoluble dimethyltriazenes on the carrageenin-induced edema in guinea pigs. Sava G, et al. **Chem Biol Interact** 1985 Feb–Apr;53(1–2):37–43

Indapamide, a new antihypertensive/diuretic agent, in the treatment of patients with edema. Eff J, et al. **Clin Ther** 1984;6(6):778–86

Propranolol for duodenal mucosal edema [letter] Gogel HK, et al. **Gastrointest Endosc** 1985 Feb;31(1):51–2

Activity of some anti-inflammatory agents against carrageenin-induced pedal oedema in mice. Singh PP, et al. **Indian J Physiol Pharmacol** 1984 Jan–Mar;28(1):76–8

Cerebral antioedematous effect of Teproside and of some vincamine derivatives. Borzeix MG, et al. **Int J Clin Pharmacol Res** 1984;4(4):259–61

A comparative randomized double-blind clinical trial of bumetanide and furosemide in congestive cardiac failure and other edema states. Sagar S, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Sep;22(9):473–8

Postinflammatory oedema in two patients with contact dermatitis. Effect of benzo-pyrones. Worm AM, et al. **Int J Microcirc Clin Exp** 1984;3(1):41–8

Anti-inflammatory activity of S-adenosyl-L-methionine in animal models: possible interference with the eicosanoid system. Gualano M, et al. **Int J Tissue React** 1985;7(1):41–6

Effects of systemic corticosteroids on post-cryosurgical edema and other manifestations of the inflammatory response. Kuflik EG, et al. **J Dermatol Surg Oncol** 1985 May;11(5):464–8

Mianserin: is the intraperitoneal route of administration the best? Sugrue MF. **J Pharm Pharmacol** 1984 Aug; 36(8):548–9

The effects of calcium dobesilate on acute lymphedema (with and without macrophages), and on burn edema. Casley-Smith JR, et al. **Lymphology** 1985 Mar;18(1):37–45

Effect of the angiotensin converting enzyme inhibitor, captopril (SQ14,225), on orthostatic sodium and water retention in patients with idiopathic edema. Suzuki H, et al. **Nephron** 1985;39(3):244–9

Efficacy of metolazone and furosemide in children with furosemide-resistant edema. Arnold WC. **Pediatrics** 1984 Nov;74(5):872–5

[Clinical evaluation of metolazone in edematogenic syndromes] Arosio E, et al. **Clin Ter** 1984 Dec 15; 111(5):435–42 (Eng. Abstr.) **(Ita)**

[Diuretic and antihypertensive activity of azosemide] Satta A, et al. **Minerva Med** 1985 Jun 8;76(24):1149–54 (Eng. Abstr.) **(Ita)**

[Pseudo-Bartter's syndrome and surreptitious abuse of furosemide in a woman complicated with masked idiopathic edema and defective character] Ando A, et al. **Nippon Jinzo Gakkai Shi** 1985 Apr;27(4):519–24 (Eng. Abstr.) **(Jpn)**

[Antiedema effects of basic nonsteroidal anti-inflammatory drugs that are not inhibitors of prostaglandin biosynthesis] Higuchi S, et al. **Nippon Yakurigaku Zasshi** 1985 May; 85(5):343–6 (Eng. Abstr.) **(Jpn)**

[Experimental study of the antiedema activity of antihistamine preparations compared to the dynamics of their concentration in the blood serum] Kholodov LE, et al. **Farmakol Toksikol** 1985 Jan–Feb;48(1):43–5 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Idiopathic nonimmune hydrops: a common entity [letter] Buttino L Jr. **Am J Obstet Gynecol** 1985 Jul 1;152(5):606–7

Investigation of nonimmune hydrops fetalis. Holzgreve W, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):805–12

The relationship of fetal plasma protein concentration and hemoglobin level to the development of hydrops in rhesus isoimmunization. Nicolaides KH, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):341–4

Peripheral corneal edema after cataract extraction. Charlin R. **Am J Ophthalmol** 1985 Mar 15;99(3):298–303

Peripheral corneal edema after cataract extraction [letter] Girard LJ. **Am J Ophthalmol** 1985 Aug 15;100(2):353–4

Massive swelling of the face and tongue. A complication of posterior cranial fossa surgery in the sitting position. Tattersall MP. **Anaesthesia** 1984 Oct;39(10):1015–7

Macroglossia in a 16-month-old child after a craniotomy. Mayhew JF, et al. **Anesthesiology** 1985 May;62(5):683–4

Facial edema and eosinophilia. Evidence for eosinophil degranulation. Songsiridej V, et al. **Ann Intern Med** 1985 Oct;103(4):503–6

Solid facial edema as a complication of acne vulgaris.

Connelly MG, et al. **Arch Dermatol** 1985 Jan;121(1):87-90

Pott's puffy tumor. A clinical marker for osteomyelitis of the skull. Koch SE, et al. **Arch Dermatol** 1985 Apr; 121(4):548-9

Endolymphatic hydrops in guinea pigs after cauterizing the sac with silver nitrate. Yazawa Y, et al. **Arch Otolaryngol** 1985 May;111(5):301-4

Retroperitoneal fibrosis presenting with venous obstruction: a phlebographic and computed tomography study. A report of two cases. Posniak HV, et al. **Australas Radiol** 1984 May; 28(2):128-32

Evaluation of scrotal edema in a patient on peritoneal dialysis. A case report. Dubin LM, et al. **Clin Nucl Med** 1985 Mar; 10(3):173-4

Hydrops fetalis with supraventricular tachycardia and cytomegalovirus infection. Filloux F, et al. **Clin Pediatr (Phila)** 1985 Sep;24(9):534-6

Nutritional oedema and serum albumin concentration. Laditan AA. **East Afr Med J** 1984 Nov;61(11):812-6

Neuraminidase deficiency presenting as non-immune hydrops fetalis. Beck M, et al. **Eur J Pediatr** 1984 Dec;143(2):135-9

Nipple oedema: an unusual presenting sign of non-Hodgkin's lymphoma. Bundred NJ, et al. **Eur J Surg Oncol** 1985 Mar; 11(1):61-3

Lymphangiosarcoma of the edematous thigh after radiation therapy for carcinoma of the vulva. Huey GR, et al. **Gynecol Oncol** 1985 Mar;20(3):394-401

Non-immune hydrops fetalis due to osteopetrosis congenita. Mathur BP, et al. **Indian Pediatr** 1984 Aug;21(8):651-3

Albumin kinetics and oedema following reconstructive arterial surgery of the lower limb. Campbell H, et al. **J Cardiovasc Surg (Torino)** 1985 Mar-Apr;26(2):110-5

Cystic swelling in axilla (a rare presentation of filariasis). Bedi VP, et al. **J Indian Med Assoc** 1984 Dec;82(12):448-9

Hydrops fetalis associated with midgut volvulus. Nogami W, et al. **J Pediatr Surg** 1985 Apr;20(2):177-8

The possible role of natriuretic hormone in idiopathic oedema and mitral valve prolapse--a hypothesis. Vaidya AB. **J Postgrad Med** 1984 Oct;30(4):255-6

Non-immune hydrops fetalis: a review of five cases. Pai S, et al. **J SC Med Assoc** 1985 Mar;81(3):116-20

Intrauterine parvovirus infection associated with hydrops fetalis [letter] Brown T, et al. **Lancet** 1984 Nov 3; 2(8410):1033-4

A simple sensitive prenatal test for hydrops fetalis caused by alpha-thalassaemia. Rubin EM, et al. **Lancet** 1985 Jan 12;1(8420):75-7

Abscess of the thyroid gland presenting as a pulsatile mass. Baker SR, et al. **Med J Aust** 1985 Sep 16;143(6):253-4

Vascular complications of parametrial radioactive gold treatment for cervical cancer. Vacek JL. **Milit Med** 1985 Feb;150(2):107-8

Hydrops from reciprocating atrioventricular tachycardia in a 27-week fetus requiring quinidine for conversion. Guntheroth WG, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):29S-33S

Massive scrotal edema as a complication of abdominoplasty. Girardeau JT, et al. **Plast Reconstr Surg** 1985 Oct; 76(4):626-9

Evaluation of the patient with leg edema. Ruschhaupt WF, et al. **Postgrad Med** 1985 Aug;78(2):132-9

Pancreatitis and inguinal swelling [letter] Gibbons CP. **Postgrad Med J** 1984 Oct;60(708):711

Unilateral chest wall edema in carcinomatous pleurisy. Naschitz JE, et al. **Respiration** 1985;47(1):73-7

Hydrops foetalis in 3 infants of a mother with acquired chronic pure red cell aplasia: transitory red cell aplasia in 1 of the infants. Oie BK, et al. **Scand J Haematol** 1984 Nov;33(5):466-70

Postburn blood flow, edema, and survival of the hairy mouse ear after scald injury at different temperatures. Blomgren I, et al. **Scand J Plast Reconstr Surg** 1984;18(3):269-75

Spontaneous scrotal emphysema--a cause of scrotal swelling. Gerdin B, et al. **Scand J Urol Nephrol** 1985;19(1):77-9

Kwashiorkor revisited: the pathogenesis of oedema in kwashiorkor and its significance. Waterlow JC. **Trans R Soc Trop Med Hyg** 1984;78(4):436-41

[Perinatal course of fetal supraventricular tachycardia; case report and literature review] Van Oort AM, et al. **Tijdschr Kindergeneeskd** 1984 Jun;52(3):88-96 (Eng. Abstr.) **(Dut)**

[Paroxysmal junctional reciprocal tachycardia and fetoplacental anasarca] Maurier F, et al. **Arch Mal Coeur** 1985 Feb;78(2):275-8 (Eng. Abstr.) **(Fre)**

[Effect of an enema on the macroscopic and microscopic appearance of the rectal mucosa] Buchmann P, et al. **Schweiz Med Wochenschr** 1985 Feb 23;115(8):273-4 (Eng. Abstr.) **(Ger)**

[Edemas--review of pathogenesis] Bölter C. **Z Arztl Fortbild (Jena)** 1985;79(9):375-8 **(Ger)**

[Non-immunologic hydrops fetalis and genetic counseling] Domenici R, et al. **Pathologica** 1983;75 Suppl:142-8 **(Ita)**

[Fetal hydrops caused by cardiac failure in utero: description of 2 cases and pathogenetic considerations] Balducci G, et al. **Pediatr Med Chir** 1984 Jul-Aug;6(4):543-7 (Eng. Abstr.) **(Ita)**

[Acute hydrops of the gallbladder in Kawasaki's disease. Presentation of a case diagnosed with echotomography] Morelli P, et al. **Pediatr Med Chir** 1984 May-Jun;6(3):443-6 (Eng. Abstr.) **(Ita)**

[Physiological and pharmacological actions of prostaglandins and related substances: inflammation and allergy] Makino S. **Nippon Rinsho** 1985 Mar;43(3):523-8 (24 ref.) **(Jpn)**

[The significance of varicose veins in the pathogenesis of hydrops of the knee] Bozó S, et al. **Bratisl Lek Listy** 1984 Nov;82(5):1377-9 (Eng. Abstr.) **(Slo)**

FAMILIAL & GENETIC

Sibs with the fetal akinesia sequence, fetal edema, and malformations: a new syndrome? Toriello HV, et al. **Am J Med Genet** 1985 Jun;21(2):271-7

A 16-week-old fetus with severe hydrops. Zorn E. **Hosp Pract [Off]** 1985 Feb 15;20(2):45, 48

HISTORY

Classics in lymphology. The Arris and Gale lectures on the physiological factors involved in the causation of dropsy. Lecture 1. The production of lymph. Ernest H. Starling. 1896. **Lymphology** 1984 Sep;17(3):83-8

METABOLISM

The effects of postural changes on ADH release and the renal handling of sodium and water in patient with idiopathic edema. Ota K, et al. **Endocrinol Jpn** 1984 Aug; 31(4):459-69

Effect of carrageenin-induced pedal edema on rat brain prostaglandins. Bhattacharya SK, et al. **Neurochem Pathol** 1984 Fall;2(3):163-9

Ischemic brain edema following occlusion of the middle cerebral artery in the rat. II: Alteration of the eicosanoid synthesis profile of brain microvessels. Asano T, et al. **Stroke** 1985 Jan-Feb;16(1):110-3

Ischemic brain edema following occlusion of the middle cerebral artery in the rat. I: The time courses of the brain water, sodium and potassium contents and blood-brain barrier permeability to 125I-albumin. Gotoh O, et al. **Stroke** 1985 Jan-Feb;16(1):101-9

OCCURRENCE

Ocular & clinico-epidemiological study of epidemic dropsy. Mohan M, et al. **Indian J Med Res** 1984 Oct;80:449-56

Epidemic dropsy in Delhi. Mohan M, et al. **Indian Pediatr** 1984 Mar;21(3):241-7

[Nonimmunologic hydrops fetalis: a review of 30 cases] Okai T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1813-21 (Eng. Abstr.) **(Jpn)**

PARASITOLOGY

[An unusual cause of segmental edema: anisakiasis (letter)] Godeau P, et al. **Presse Med** 1985 Jun 1;14(22):1246-7 **(Fre)**

PATHOLOGY

Deswelling of the graft cornea following hypoxic oedema. Vannas A, et al. **Acta Ophthalmol (Copenh)** 1984 Dec; 62(6):879-84

More about spongiosis. Ackerman AB. **Am J Dermatopathol** 1984 Oct;6(5):419-20

Submucosal colonic edema--urticaria of the colon. Levine RB, et al. **Am J Gastroenterol** 1985 Mar;80(3):227-31

Morpho-functional status of the kidney after a disturbance of lymph drainage. Sapin MR, et al. **Anat Anz** 1984; 157(5):375-93

Fibromatosis and massive edema of the ovary, possibly related entities: a report of 14 cases of fibromatosis and 11 cases of massive edema. Young RH, et al. **Int J Gynecol Pathol** 1984;3(2):153-78

Volumetric determination of extraoral swelling from stereophotographs. A method study in the buccal area. Pedersen A, et al. **Int J Oral Surg** 1985 Jun;14(3):229-34

Nonimmune hydrops fetalis in association with hemangioma of the umbilical cord. Seifer DB, et al. **Obstet Gynecol** 1985 Aug;66(2):283-6

Massive oedema of the ovary. Case reports. Tiltman AJ, et al. **S Afr Med J** 1984 Dec 15;66(24):924-6

[The study on the experimental endolymphatic hydrops--with special reference to the incidence of endolymphatic hydrops and the relation between the morphological changes and the vestibular function] Mineta H. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Aug;87(8):956-68 (Eng. Abstr.) **(Jpn)**

[Birdshot chorioretinopathy--a new clinical syndrome] Katsnel'son LA, et al. **Vestn Oftalmol** 1984 Sep-Oct; (5):49-51 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Changes in EP and inner ear ionic concentrations in experimental endolymphatic hydrops. Cohen J, et al. **Acta Otolaryngol (Stockh)** 1984 Nov-Dec;98(5-6):398-402

Plasma volume expansion is necessary for edema formation in the rate with Heymann nephritis. Kaysen GA, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F247-53

Galactose neuropathy: impact of chronic endoneurial edema on nerve blood flow. Myers RR, et al. **Ann Neurol** 1984 Nov;16(5):587-94

Measurement of action potential thresholds in experimental endolymphatic hydrops. Morizono T, et al. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):191-4

An objective assessment of the physiologic changes in the postthrombotic syndrome. Killewich LA, et al. **Arch Surg** 1985 Apr;120(4):424-6

Effect of antirheumatics and inhibitors of cyclooxygenase, lipoxygenases and thromboxane synthetase on cobra venom factor rat paw edema. Otto M, et al. **Biomed Biochim Acta** 1984;43(8-9):S291-5

Chronic swelling of the leg and stasis ulcer. Pflug JJ, et al. **Br Med J [Clin Res]** 1985 Apr 27;290(6477):1273-6

Edema formation in the nephrotic syndrome. Dorhout Mees EJ. **Contrib Nephrol** 1984;43:64-75 (26 ref.)

Effect of hydration on experimentally induced cerebral edema. Morse ML, et al. **Crit Care Med** 1985 Jul; 13(7):563-5

The anti-oedematogenic effect of SRS as an additional factor in the mode of action of non-steroid anti-inflammatory drugs. Jancar S, et al. **Eur J Pharmacol** 1985 Jun 7; 112(2):153-60

Surgical incision alters the swelling response of the human cornea. Vannas A, et al. **Invest Ophthalmol Vis Sci** 1985 Jun;26(6):864-8

Altered dopaminergic modulation of sympathetic nervous system activity in idiopathic edema. Catania RA, et al. **J Endocrinol Invest** 1984 Oct;7(5):461-6

Effect of central prostaglandins on carrageenan-induced pedal oedema in rats. Bhattacharya SK, et al. **J Pharm Pharmacol** 1984 Nov;36(11):768-9

Classics in lymphology. The Arris and Gale lectures on the physiological factors involved in the causation of dropsy. Lecture 2. The absorption of fluids from the connective tissue spaces. by Ernest H. Starling. **Lymphology** 1984 Dec; 17(4):124-9

Effect of neonatal treatment with capsaicin on carrageenan-induced paw oedema in the rat. Gamillscheg A, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul; 326(4):340-2

A pharmacologic analysis of the action of platelet-activating factor in the induction of hindpaw edema in the rat. Goldenberg MM, et al. **Prostaglandins** 1984 Aug; 28(2):271-8

[Measurements of skin elasticity in patients with lipedema of the Moncorps 'rusticanus' type] Jagtman BA, et al. **Phlebologie** 1984 Jul-Sep;37(3):315-9 (Eng. Abstr.) **(Fre)**

PREVENTION & CONTROL

Psychotropic drugs and inflammatory reaction (III): Effects of single and repeated administration of psychotropic drugs on the bentonite oedema of the rat paw. Marek J. **Act Nerv Super (Praha)** 1985 Mar;27(1):21-2

Effect of prostaglandin-inhibitor naproxen on the corneal swelling response to hydrogel contact lens wear. Efron N, et al. **Acta Ophthalmol (Copenh)** 1984 Oct;62(5):746-52

Prevention of postoperative facial edema with steroids after facial surgery. Habal MB. **Aesthetic Plast Surg** 1985; 9(2):69-71

Aphakic macular edema: some observations on prevention and pathogenesis. Krishnan MM, et al. **Ann Ophthalmol** 1985 Apr;17(4):253-7

Inhibition of carrageenan edema formation by organotin compounds. Arakawa Y, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):59-63

The effect of different cooling temperatures and immersion fluids on post-burn oedema and survival of the partially scalded hairy mouse ear. Blomgren I, et al. **Burns Incl Therm Inj** 1985 Feb;11(3):161-5

Biochemical studies on the use of sodium hyaluronate in the anterior eye segment. IV. The protective efficacy of the corneal endothelium. Miyauchi S, et al. **Curr Eye Res** 1984 Aug;3(8):1063-7

Critical oxygen levels to avoid corneal edema for daily and extended wear contact lenses. Holden BA, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1161-7

Anti-inflammatory activity of Eryngium maritimum L. rhizome extracts in intact rats. Lisciani R, et al. **J Ethnopharmacol** 1984 Dec;12(3):263-70

Morphine inhibits the carrageenan-induced oedema and the chemoluminescence of leucocytes stimulated by zymosan. Gyires K, et al. **J Pharm Pharmacol** 1985 Feb;37(2):100-4

[Effect of Endotelon in postoperative edema. Results of a double-blind study versus placebo in 32 female petients] Baruch J. **Ann Chir Plast Esthet** 1984;29(4):393-5 (Eng. Abstr.) **(Fre)**

[Edema-protective effect of clobenoside] Hennings G, et al. **Arzneimittelforsch** 1985;35(2):498-500 (Eng. Abstr.) **(Ger)**

[Blood coagulation testing during intraoperative anti-edema therapy in neurosurgery] Mazzarella B, et al. **Minerva Anestesiol** 1984 Dec;50(12):601-6 (Eng. Abstr.) **(Ita)**

[Effect of diuretics on the development of experimental inflammatory edema in rats] Zverev IaF, et al. **Farmakol Toksikol** 1984 Jul-Aug;47(4):86-8 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Compartmentalized swelling in hand and wrist trauma [letter] Curtis DJ, et al. **AJR** 1985 Jul;145(1):195

[Lymphography and phlebography for clarifying the causes of edema formation in patients with trauma to the lower limbs] Cepelenko GV, et al. **Radiol Diagn (Berl)** 1984; 25(6):725-33 (Eng. Abstr.) **(Ger)**

[Diagnosis of acute and chronic disorders of lymph outflow following injury by lymphography] Chepelenko GV.

Vestn Khir 1985 Apr;134(4):78–83 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

Heterotopic bone formation (myositis ossificans) and lower–extremity swelling mimicking deep–venous disease. Orzel JA, et al. **J Nucl Med** 1984 Oct;25(10):1105–7

SURGERY

Argon laser photocoagulation for macular edema in branch vein occlusion [letter] Miller SD. **Am J Ophthalmol** 1985 Feb 15;99(2):218–9

Improved vision following penetrating keratoplasty for pseudophakic corneal edema—visual results. Terry AC, et al. **Ophthalmic Surg** 1984 Sep;15(9):752–6

Results of penetrating keratoplasty for pseudophakic corneal edema with retention of intraocular lens. Kozarsky AM, et al. **Ophthalmology** 1984 Oct;91(10):1141–6

Specular microscopic follow–up of corneal grafts for pseudophakic bullous keratopathy. Sugar A, et al. **Ophthalmology** 1985 Mar;92(3):325–30

[Arteriovenous fistulae for periodic hemodialysis: a simple procedure for correcting distal complications of venous origin] Idrissi M, et al. **J Urol (Paris)** 1984;90(8–9):567–8 (Eng. Abstr.) **(Fre)**

[Treatment of corneal edematous dystrophy by interlamellar alloplasty with the crystalline lens capsule] Prytkova NA. **Vestn Oftalmol** 1985 Mar–Apr;101(2):48–9 **(Rus)**

[Rehabilitation of the voice in patients with Reinke's edema after microsurgical treatment] Krahulec I, et al. **Cesk Otolaryngol** 1985 Jun;34(3):198–201 (Eng. Abstr.) **(Slo)**

THERAPY

An evaluation of ultrafiltration as treatment of diuretic–resistant oedema in nephrotic syndrome. Fauchald P, et al. **Acta Med Scand** 1985;217(1):127–31

Nonimmune hydrops fetalis managed with peritoneal dialysis. Caldwell CC, et al. **Am J Perinatol** 1985 Jul;2(3):211–3

Successful prenatal treatment of non–immune hydrops fetalis due to congenital chylothorax. Case report. Schmidt W, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):685–7

Nonimmune hydrops fetalis—a rational attitude of management. Hirsch M, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Mar;19(3):191–6

Clinical management of superior vena cava syndrome. Varricchio C. **Heart Lung** 1985 Jul;14(4):411–6 (15 ref.)

Treatment of critical neonatal edema with hemo–ultrafiltration. Abitbol CL, et al. **Int J Pediatr Nephrol** 1984 Sep;5(3):163–6

Reduction of postischemic edema with hyperbaric oxygen. Nylander G, et al. **Plast Reconstr Surg** 1985 Oct;76(4):596–603

[Intrauterine treatment of nonimmunologic hydrops fetalis associated with pleural effusion] Shimokawa H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):66–72 (Eng. Abstr.) **(Jpn)**

VETERINARY

Venous blood pressure relative to the development of bovine udder edema. Vestweber JG, et al. **Am J Vet Res** 1985 Jan;46(1):157–9

Hereditary neuraxial oedema of Hereford cattle [letter] Morrow CJ. **Aust Vet J** 1984 Dec;61(12):414

Udder edema: biochemical studies in Holstein cattle. Vestweber JG, et al. **Cornell Vet** 1984 Oct;74(4):366–72

A survey of adverse effects associated with ivermectin use in Louisiana horses. Karns PA, et al. **J Am Vet Med Assoc** 1984 Oct 1;185(7):782–3

Prenatal occurrence and mode of inheritance of neuraxial oedema in Poll Hereford calves. Healy PJ, et al. **Res Vet Sci** 1985 Jan;38(1):96–8

Lesions of experimental flea bite hypersensitivity in the dog. Gross TL, et al. **Vet Pathol** 1985 Jan;22(1):78–81

A case of chronic zinc poisoning in calves fed with zinc–contaminated roughage. Wentink GH, et al. **Vet Q** 1985 Apr;7(2):153–7

Blood flow parameters associated with udder oedema in Jersey cattle affected with rectovaginal constriction. Al–Ani FK, et al. **Vet Rec** 1985 Feb 9;116(6):156–8

Paracetamol poisoning in a cat [letter] Davis MR. **Vet Rec** 1985 Feb 23;116(8):223

Equine influenza reactions [letter] Eagles BW, et al. **Vet Rec** 1985 Apr 27;116(17):478

Chronic udder oedema in milking cows and heifers. Jones TO, et al. **Vet Rec** 1984 Sep 1;115(9):218–9

EDEMA, CARDIAC see under **HEART FAILURE, CONGESTIVE**

EDEMA DISEASE OF SWINE

DRUG THERAPY

[Chronic furazolidone poisoning in swine? Practical problems and legal consequences] Jager LP, et al. **Tijdschr Diergeneeskd** 1984 Nov 15;109(22):922–7 (Eng. Abstr.) **(Dut)**

PATHOLOGY

Ultrastructure of the intestinal mucosa in pigs experimentally inoculated with an edema disease–producing strain of Escherichia coli (0139:K12:H1). Methiyapun S, et al. **Vet Pathol** 1984 Sep;21(5):516–20

EDENTATA

Manifestations of experimental leprosy in the armadillo. Job CK, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):151–61

ANATOMY & HISTOLOGY

Evolutionary trends of the histological pattern in the teeth of Edentata (Xenarthra). Ferigolo J. **Arch Oral Biol** 1985;30(1):71–82

Form and function of the masticatory musculature in the tree sloths, Bradypus and Choloepus. Naples VL. **J Morphol** 1985 Jan;183(1):25–50

[Comparative studies on characteristic structures of sensory and motor mechanisms in the stomatognathic system of the pangolin, Manis aurita (Mammalia). Part 1. Masticatory muscle and their spindle supply in the pangolin] Yeh YC. **Kokubyo Gakkai Zasshi** 1984 Dec;51(4):674–88 (Eng. Abstr.) **(Jpn)**

[Comparative studies on the characteristic structure of sensory and motor mechanisms in the stomatognathic system of the pangolin, Manis aurita (Mammalia). Part 2. Electron microscopic observations on the masticatory muscle spindles in the pangolin] Yeh YC. **Kokubyo Gakkai Zasshi** 1985 Mar;52(1):16–43 (Eng. Abstr.) **(Jpn)**

METABOLISM

Lactate dehydrogenase in Mycobacterium leprae grown in armadillo liver. Wheeler PR, et al. **Int J Lepr** 1984 Sep;52(3):371–6

MICROBIOLOGY

Leprosy in wild armadillos (Dasypus novemcinctus) of the Texas Gulf Coast. Smith JH, et al. **Acta Leprol (Geneve)** 1984 Oct–Dec;(95):311–8

Cultivable mycobacteria isolated from organs of armadillos uninoculated and inoculated with Mycobacterium leprae. Portaels F, et al. **Ann Inst Pasteur Microbiol** 1985 Mar–Apr;136A(2):181–90

Mycobacterium X identified as Mycobacterium avium intracellulare (probably mixed with M. leprae in early subcultures) [letter] Kato L. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4):538–41

[Occurrence of the genus Salmonella in wild animals of the order Edentata in the Amazon Region, north of the state of Pará, Brazil] Brito Loureiro EC. **Rev Latinoam Microbiol** 1985 Jan–Mar;27(1):31–4 (Eng. Abstr.) **(Por)**

PARASITOLOGY

[Hamanniella carinii Travassos, 1916 (Acantocephalo; Gigantorhynchidae) in dasypodids of Argentina] Martínez FA. **Bol Chil Parasitol** 1984 Jan–Jun;39(1–2):37–8 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Ventricular fibrillation threshold in the three–toed sloth (Bradypus tridactylus). Valentinuzzi ME, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(3):313–22

Attempts to breed the nine–banded armadillo (Dasypus novemcinctus) in captivity—a preliminary report. Job CK, et al. **Int J Lepr** 1984 Sep;52(3):362–4

Effect of body orientation on regional lung expansion in dog and sloth. Hoffman EA, et al. **J Appl Physiol** 1985 Aug;59(2):481–91

Variations in axonal conduction velocity in olfactory peduncle neurons of the armadillo. Moyano HF, et al. **Neurosci Lett** 1985 Apr 9;55(2):131–6

EDETATES see **EDTA**

EDROPHONIUM

DIAGNOSTIC USE

Edrophonium: a useful provocative test for esophageal chest pain. Richter JE, et al. **Ann Intern Med** 1985 Jul;103(1):14–21

[An observation of spontaneous discharges by surface EMG in motor neuron disease. Correlation between ratio of evocation by edrophonium and clinical course] Uebayashi Y, et al. **Rinsho Shinkeigaku** 1985 Apr;25(4):401–7 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

Edrophonium and neostigmine for reversal of the neuromuscular blocking effect of vecuronium. Engbaek J, et al. **Acta Anaesthesiol Scand** 1985 Jul;29(5):544–6

Antagonism of pancuronium neuromuscular blockade in halothane–anesthetized ponies using neostigmine and edrophonium. Hildebrand SV, et al. **Am J Vet Res** 1984 Nov;45(11):2276–80

Verapamil potentiation of neuromuscular blockade: failure of reversal with neostigmine but prompt reversal with edrophonium. Jones RM, et al. **Anesth Analg** 1985 Oct;64(10):1021–5

A comparison of edrophonium and neostigmine for the antagonism of atracurium–induced neuromuscular block. Lavery GG, et al. **Anesth Analg** 1985 Sep;64(9):867–70

Clinical pharmacology of edrophonium in infants and children. Fisher DM, et al. **Anesthesiology** 1984 Oct;61(4):428–33

Antagonism of alcuronium with edrophonium or neostigmine. Harper NJ, et al. **Br J Anaesth** 1984 Oct;56(10):1089–94

Interactions of edrophonium, physostigmine and methanesulfonyl fluoride with the snake end–plate acetylcholine receptor–channel complex. Fiekers JF. **J Pharmacol Exp Ther** 1985 Sep;234(3):539–49

EDROPHONIUM CHLORIDE see **EDROPHONIUM**

EDTA

Agglutination of an EDTA blood sample caused by an EDTA–dependent panagglutinin. Reid ME, et al. **Am J Clin Pathol** 1985 Apr;83(4):534–5

trans–1,2–Diaminocyclohexane–N,N,N',N'–tetraacetic acid is superior to ethylenediamine–N,N,N',N'–tetraacetic acid for sequestering Mg2+ in 31P NMR experiments involving ATP spectra at neutral and acidic pH. Bass MB, et al. **Anal Biochem** 1985 Mar;145(2):292–301

Superoxide dismutase inhibits the superoxide–driven Fenton reaction at two different levels. Implications for a wider protective role. Gutteridge JM. **FEBS Lett** 1985 Jun 3;185(1):19–23

Use of the twin–cell differential titration calorimeter for binding studies. I. EDTA and its calcium complex. Marini MA, et al. **J Biochem Biophys Methods** 1985 Mar;10(5–6):273–85

Effects of ascorbic acid and disodium edetate on the stability of isoprenaline hydrochloride injection. Smith G, et al. **J Clin Hosp Pharm** 1984 Sep;9(3):209–15

Studies on the stability of 3H–dopamine, 3H–apomorphine and 3H–ADTN: effects of sodium ascorbate and EDTA. Cabbat FS, et al. **Res Commun Chem Pathol Pharmacol** 1985 Mar;47(3):333–43

ADMINISTRATION & DOSAGE

The improvement in renal function following EDTA chelation and multi–vitamin–trace mineral therapy: a study in creatinine clearance. Sehnert KW, et al. **Med Hypotheses** 1984 Nov;15(3):301–4

[Effect of EDTA on the bacterial flora of burn wounds] Zietkiewicz W, et al. **Pol Tyg Lek** 1984 Apr 23;39(17):563–4 (Eng. Abstr.) **(Pol)**

ADVERSE EFFECTS

Chelation therapy in lead nephropathy questioned [letter] Sawyer HJ. **Arch Intern Med** 1985 Oct;145(10):1927

ANALOGS & DERIVATIVES

trans–1,2–Diaminocyclohexane–N,N,N',N'–tetraacetic acid is superior to ethylenediamine–N,N,N',N'–tetraacetic acid for sequestering Mg2+ in 31P NMR experiments involving ATP spectra at neutral and acidic pH. Bass MB, et al. **Anal Biochem** 1985 Mar;145(2):292–301

Cleavage of DNA with methidiumpropyl–EDTA–iron(II): reaction conditions and product analyses. Hertzberg RP, et al. **Biochemistry** 1984 Aug 14;23(17):3934–45

Radioactive metal complexes of ethylenediamine–N,N–diacetic acid. Biodistribution of radioactivity in mice bearing tumors. Karube Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4049–53

Phenolic aminocarboxylic acids as gallium–binding radiopharmaceuticals. Hunt FC. **Nuklearmedizin** 1984 Jun;23(3):123–5

RNA structure analysis using methidiumpropyl–EDTA.Fe(II): a base–pair–specific RNA structure probe. Vary CP, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6978–82

[99mTc–ethylenediamine–N, N–diacetic acid; a radiopharmaceutical with tumor affinity] Imoto T. **Fukuoka Igaku Zasshi** 1984 May;75(5):221–40 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Colorimetric determination of ethylenediaminetetra–acetic acid in foods. Hamano T, et al. **Z Lebensm Unters Forsch** 1985 Apr;180(4):280–3

Separate determination of ethylenediaminetetraacetic acid and its calcium chelate in foods by colorimetry. Hamano T, et al. **Z Lebensm Unters Forsch** 1985 Jul;181(1):35–9

DIAGNOSTIC USE

Estimation of glomerular filtration rate in children using 99m–technetium DTPA. A comparison with 51–chromium EDTA clearance. Yap HK, et al. **Acta Paediatr Scand** 1985 Jul;74(4):579–83

Measurement of intestinal permeability using 51Cr–EDTA. Peled Y, et al. **Am J Gastroenterol** 1985 Oct;80(10):770–3

99mTc complexes of ethylenediaminetetraacetic and ethylenediaminetetraacetohydroxamic acids; labelling and biodistribution. Lázníčková A, et al. **Int J Nucl Med Biol** 1984;11(2):170–4

Paramagnetic NMR contrast agents. Development and

evaluation. Runge VM, et al. **Invest Radiol** 1984 Sep–Oct; 19(5):408–15
Positron emission tomography with ([11C]methyl)–L–methionine, [11C]D–glucose, and [68Ga]EDTA in supratentorial tumors. Ericson K, et al. **J Comput Assist Tomogr** 1985 Jul–Aug;9(4):683–9
51Cr–EDTA in studies of intestinal permeability [letter] Jenkins RT, et al. **Lancet** 1984 Dec 8;2(8415):1342–3
51Cr–EDTA test for coeliac disease [letter] Stevens FM, et al. **Lancet** 1984 Nov 17;2(8412):1156
The use of iron and gadolinium chelates as NMR contrast agents: animal and human studies. Carr DH. **Physiol Chem Phys Med NMR** 1984;16(2):137–44
Paramagnetic contrast agents in magnetic resonance imaging: research at Vanderbilt University. Runge VM, et al. **Physiol Chem Phys Med NMR** 1984;16(2):113–22
EDTA–induced pseudothrombocytopenia. Recognizing a laboratory artifact. Payne BA. **Postgrad Med** 1985 Jun; 77(8):75–6
[Measurement of the extracellular fluid volume with 51Cr EDTA] Takaori M, et al. **Kokyu To Junkan** 1985 Mar; 33(3):309–12 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

Antibodies against metal chelates. Reardan DT, et al. **Nature** 1985 Jul 18–24;316(6025):265–8

METABOLISM

Intestinal permeability to 51Cr–EDTA in rats with experimentally induced enteropathy. Bjarnason I, et al. **Gut** 1985 Jun;26(6):579–85
Iron absorption by humans and swine from Fe(III)–EDTA. Further studies. Candela E, et al. **J Nutr** 1984 Dec; 114(12):2204–11

PHARMACODYNAMICS

Loss of an intrinsic capacity for human sperm chromatin decondensation. Björndahl L, et al. **Acta Physiol Scand** 1985 Jun;124(2):189–94
Effects of calcium binding and of EDTA and CaEDTA on the clotting of bovine fibrinogen by thrombin. Perizzolo KE, et al. **Arch Biochem Biophys** 1985 Mar;237(2):520–34
Electronic blood cell counters. Faulty calibration due to type and amount of anticoagulant in collection tubes. Sears D, et al. **Arch Pathol Lab Med** 1985 Mar;109(3):247–9
Ferrous ion–EDTA–stimulated phospholipid peroxidation. A reaction changing from alkoxyl–radical– to hydroxyl–radical–dependent initiation. Gutteridge JM. **Biochem J** 1984 Dec 15;224(3):697–701
Lipid peroxidation, protein synthesis, and protection by calcium EDTA in paracetamol injury to isolated hepatocytes. Beales D, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):19–23
Anticoagulants and erythrocyte filterability. Stuart J, et al. **Biorheology** 1984;Suppl 1:279–81
Formation of mutagens in cooked foods. VI. Modulation of mutagen formation by iron and ethylenediaminetetracetic acid (EDTA) in fried beef. Barnes WS, et al. **Cancer Lett** 1984 Sep;24(2):221–6
Isotropic effects of ionic contrast media: the role of calcium binding additives. Murdock DK, et al. **Cathet Cardiovasc Diagn** 1984;10(5):455–63
Chelating effect of EDTA on nickel. van Ketel WG, et al. **Contact Dermatitis** 1984 Nov;11(5):311–4
Failure of calcium to stimulate Na,K–ATPase in the presence of EDTA. Powis DA. **Experientia** 1985 Aug 15; 41(8):1048–51
The effects of CaEDTA injection on lead, zinc, copper and ALAD in erythrocyte, plasma and urine in lead–exposed workers: a 24–h observation. Aono H, et al. **Int Arch Occup Environ Health** 1984;55(1):13–8
Effect of activators and inhibitors on human blood platelets: study by freeze–fracturing technique and electron microscopy. Ariad S, et al. **Int J Tissue React** 1984; 6(4):311–5
Effects of calcium chelating agents on corneal permeability. Grass GM, et al. **Invest Ophthalmol Vis Sci** 1985 Jan; 26(1):110–3
Isolation of corneal epithelium with Dispase II or EDTA. Effects on the basement membrane zone Spurr SJ, et al. **Invest Ophthalmol Vis Sci** 1985 Jun;26(6):818–27
Calcium chelators increase airway responsiveness. Downes H, et al. **J Appl Physiol** 1985 Jul;59(1):92–5
Microvascular albumin permeability in isolated perfused lung: effects of EDTA. Kern DF, et al. **J Appl Physiol** 1985 Feb;58(2):372–5
Comparison of the effects of sodium salicylate, disodium ethylenediaminetetraacetic acid and polyoxyethylene–23–lauryl ether as adjuvants for the rectal absorption of sodium cefoxitin. Nishihata T, et al. **J Pharm Pharmacol** 1985 Mar;37(3):159–63
Characterization of enhanced intestinal permeability; electrophysiological study on the effects of diclofenac and ethylenediaminetetraacetic acid. Yamashita S, et al. **J Pharm Pharmacol** 1985 Jul;37(7):512–3
Dentin permeability and pulpal response to EDTA. Lindemann RA, et al. **J Prosthet Dent** 1985 Mar; 53(3):341–3
Microwave enhancement of membrane conductance: effects of EDTA, caffeine and tetracaine. Arber SL, et al. **Physiol Chem Phys Med NMR** 1984;16(6):469–75
Reduction of non–specific reactions to the Brucella abortus serum agglutination test by the addition of EDTA. Macmillan AP, et al. **Res Vet Sci** 1985 May;38(3):288–91
Uptake of antibodies in gram–negative bacteria exposed to EDTA–Tris. Wooley RE, et al. **Vet Microbiol** 1984 Dec; 10(1):57–70
Use of EDTA modified antigen in the serodiagnosis of bovine brucellosis. Nowlan PF, et al. **Vet Rec** 1985 Jan 5;116(1):13
[Pseudothrombocytopenia caused by extraction of the blood using ethylenediaminetetraacetic acid (EDTA). A cause of diagnostic error] Feliu E, et al. **Med Clin (Barc)** 1985 May 11;84(18):738–9 **(Spa)**
[Pseudothrombocytopenia caused by EDTA; a possible cause of an erroneous diagnosis of Werlhof's disease (letter)] Gardella S, et al. **Med Clin (Barc)** 1985 May 11;84(18):755 **(Spa)**
[EDTA–dependent thrombocytopenia (letter)] Muga Bustamante R, et al. **Med Clin (Barc)** 1985 May 11; 84(18):754–5 **(Spa)**

THERAPEUTIC USE

Edetate sodium aerosol in Pseudomonas lung infection in cystic fibrosis. Brown J, et al. **Am J Dis Child** 1985 Aug; 139(8):836–9
Behavior of lead and zinc in plasma, erythrocytes, and urine and ALAD in erythrocytes following intravenous infusion of CaEDTA in lead workers. Araki S, et al. **Arch Environ Health** 1984 Sep–Oct;39(5):363–7
Failure of chelation therapy in lead nephropathy. Germain MJ, et al. **Arch Intern Med** 1984 Dec;144(12):2419–20
Chelation clinics [letter] Silverglade A. **Chest** 1985 Feb; 87(2):274–5
Chelation therapy of atherosclerosis. Rathmann KL, et al. **Drug Intell Clin Pharm** 1984 Dec;18(12):1000–3 (33 ref.)
Chelation therapy. Unproved modality in the treatment of Alzheimer–type dementia. Cardelli MB, et al. **J Am Geriatr Soc** 1985 Aug;33(8):548–51
Chelation therapy [letter] Bailey Gibson TJ. **NZ Med J** 1985 Aug 14;98(784):653–4
The therapeutic effect of ascorbic acid and EDTA in manic–depressive psychosis: double–blind comparisons with standard treatments. Kay DS, et al. **Psychol Med** 1984 Aug;14(3):533–9
A randomized double–blind study using CaNa2EDTA, a phospholipase A2 inhibitor, in the management of human acute pancreatitis. Tykkä HT, et al. **Scand J Gastroenterol** 1985 Jan;20(1):5–12
[Effect of Na3Zn– and Na3Ca–DTPA on the behavior and biological action of 239Pu on rats] Liubchanskii ER, et al. **Med Radiol (Mosk)** 1985 Feb;30(2):35–9 (Eng. Abstr.) **(Rus)**
[Method of treating progressive myositis ossificans] Krisiuk AP, et al. **Ortop Travmatol Protez** 1984 Sep;(9):47–8 **(Rus)**

TOXICITY

Investigations on the toxicity of bile salt solutions, Capmul 8210 and a bile salt–EDTA solution for common bile duct perfusion in dogs. Leuschner U, et al. **Digestion** 1984; 30(1):23–32

EDUCATION

see related
LEARNING
RESEARCH SUPPORT
TRAINING SUPPORT

No decline in assortative mating for educational level. Heath AC, et al. **Behav Genet** 1985 Jul;15(4):349–69
Education for community care. Stevenson O. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1966–8
Long–term effects of four preschool programs: ninth– and tenth–grade results. Miller LB, et al. **Child Dev** 1984 Aug; 55(4):1570–87
Education in our society. Boyer EL. **J Med Educ** 1985 Feb; 60(2):113–8
1984 Presidential election: issues of relevance to child and adolescent health. Mondale WF, et al. **J Sch Health** 1984 Oct;54(9):366–70
Driver education [letter] McDermott FT, et al. **Med J Aust** 1985 Mar 18;142(6):375–6
Driver education [editorial] Malycha P. **Med J Aust** 1984 Dec 8–22;141(12–13):780
Knowledge and skills expected of health information scientists: a sample survey of prospective employers. Protti DJ. **Methods Inf Med** 1984 Oct;23(4):204–8
Creationism in confusion? [letter] Andrews EH. **Nature** 1984 Nov 29–Dec 5;312(5993):396
US textbooks. Californian setback for evolutionists [news] Beardsley T. **Nature** 1985 Sep 5–11;317(6032):3
Education policy and the heritability of educational attainment. Heath AC, et al. **Nature** 1985 Apr 25–May 1; 314(6013):734–6
The employment and education of the partially sighted in the period immediately after leaving special school. Wild JM, et al. **Ophthalmic Physiol Opt** 1985;5(1):73–80
Effects of social policy on the heritability of educational achievement. Heath AC, et al. **Prog Clin Biol Res** 1985; 177:489–507
Personality factors related to self–reported lapse of attention during lectures. Boreham NC. **Psychol Rep** 1984 Aug; 55(1):76–8
Locus of control and perceived stress among student–teachers. Sadowski CJ, et al. **Psychol Rep** 1985 Jun;56(3):723–6
Ordinary or special schools for children with learning failure: problems in evaluation. Graham PJ. **Rev Epidemiol Sante Publique** 1984;32(5):273–6
The present state of ergonomics in Japan. Kumashiro M. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):169–81
[Health status of 6– and 7–year–old 1st–graders studying under the new program of the Ministry of Public Education] Bircheva E, et al. **Probl Khig** 1984;9:127–34 (Eng. Abstr.) **(Bul)**
[The significance of the recidivism rate of participants in courses following the Mainz 77 model from recent viewpoints] Utzelmann HD. **Blutalkohol** 1984 Sep; 21(5):396–402 (Eng. Abstr.) **(Ger)**
[Effect of changed environmental conditions in the full–time pedagogic process on the health and ability of class 1 children in public facilities of education and child rearing] Woltschkow K, et al. **Padiatr Grenzgeb** 1985;24(1):37–9 (Eng. Abstr.) **(Ger)**
[Analysis of the health status of children being taught from the age of 6] Bakanova GM, et al. **Pediatriia** 1985 Jan; (1):52–3 **(Rus)**

HISTORY

A note on the origin of the term 'nature and nurture': not Shakespeare and Galton, but Mulcaster. Teigen KH. **J Hist Behav Sci** 1984 Oct;20(4):363–4

STANDARDS

Leads from the MMWR. Education and foster care of children infected with human T–lymphotropic virus type III/lymphadenopathy–associated virus. **JAMA** 1985 Sep 20;254(11):1430, 1435–6
Education and foster care of children infected with human T–lymphotropic virus type III/lymphadenopathy–associated virus. **MMWR** 1985 Aug 30;34(34):517–21
Intellectual malnutrition: American schools and the pediatrician's duty. Stickler GB. **Pediatrics** 1984 Oct; 74(4):557

TRENDS

Communication is our future. DeArmond MM. **J Am Coll Health** 1984 Aug;33(1):3–4

EDUCATION, CONTINUING

Alberta's refresher programs: returning to the workforce. Moore HR, et al. **Dimens Health Serv** 1984 Aug;61(8):20–2
An independent learning model for delivering dietetic associate degree and continuing education programs. Parks SC. **Gerontol Geriatr Educ** 1984 Summer;4(4):23–8
Gerontology Journal Club: a continuing education modality for experienced social workers in an acute hospital setting. Blumenfield S. **Gerontologist** 1985 Feb;25(1):11–4 (40 ref.)
Training hospital clinicians to diagnose tardive dyskinesia. Germer CK, et al. **Hosp Community Psychiatry** 1984 Aug; 35(8):769–70, 783
Continuing education in later adulthood: implications for program development for elderly guest students. Dellmann–Jenkins MM, et al. **Int J Aging Hum Dev** 1984–85;20(2):93–102
Continuing education for health care professionals: a state of the art review. Kicklighter JR. **J Allied Health** 1984 Aug;13(3):169–80 (74 ref.)
A teleconference course for clinical laboratory personnel: a pilot project. Parochka J, et al. **J Allied Health** 1984 Aug;13(3):212–20
A method of continuing education [letter] Osher RH. **J Am Intraocul Implant Soc** 1984 Summer;10(3):358
Health concerns and teacher training of selected elementary teachers in Michigan. Davis C, et al. **J Sch Health** 1985 Apr;55(4):151–3
An American CE program in Chile. Leighton RL. **Mod Vet Pract** 1984 Sep;65(9):698–9
5–year followup of the effect on optometrists of continuing education about hypertension. Kleinstein RN, et al. **Public Health Rep** 1985 Jul–Aug;100(4):364–8
The perceived training needs of quality assurance professionals in eight eastern states. Hoare CH, et al. **QRB** 1985 Mar;11(3):87–92
Education, continuing education and more education. Bentley HB. **Radiography** 1985 Mar–Apr;51(596):57–60
Computer education for radiographers: courses available. Weatherburn GC, et al. **Radiography** 1984 Nov–Dec; 50(594):261–2
The ECE trilogy. Krantz JA. **Radiol Technol** 1985 Jul–Aug; 56(6):430–5

STANDARDS

Attendance requirement for continuing fellowship in the Academy. Exford JM. **Am J Optom Physiol Opt** 1984 Sep; 61(9):558–60
Continuing education requirements. Kastner N. **Am J Optom Physiol Opt** 1984 Sep;61(9):556–7
Continuing education––meeting therapists' needs. Kelley WJ. **Dimens Health Serv** 1983 Oct;60(10):37–8

TRENDS

Education for life-long learning. Ironside A. **Can J Public Health** 1985 May-Jun;76 Suppl 1:33-5

EDUCATION, DENTAL

Training for day-case dental anaesthesia. Oxygen saturation during general anaesthesia administered by dental undergraduates. Walsh JF. **Anaesthesia** 1984 Nov; 39(11):1124-7

Dental radiology at the crossroads. Lovelock DJ. **Br Dent J** 1985 Feb 9;158(3):99-101

A course in team building. Mercer C. **Br Dent J** 1984 Oct 20;157(8):286-7

An introduction to the concepts of oral dysfunction. A report of a teaching exercise. Ogden AR, et al. **Br Dent J** 1984 Aug 11;157(3):105-8

Clinical orthodontic experience of Liverpool undergraduates. Pender N, et al. **Br J Orthod** 1985 Jul;12(3):114-6

PEARLS (personally arranged learning sessions): an alternative to presentations of free papers. Schwartz PL, et al. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):453-4

A mobile dental clinic program as part of the dental curriculum. Ellis RL, et al. **Can Dent Assoc J** 1985 Feb; 51(2):125-9

Nutrition teaching in the Canadian dental and medical schools. Ng ML, et al. **Can Dent Assoc J** 1984 Dec; 50(12):895-7

Community dentistry in Nordic dental schools. Riordan PJ, et al. **Community Dent Oral Epidemiol** 1984 Dec; 12(6):351-4

Prediction of academic success. A study with dental students using noncognitive and cognitive variables. Boozer CH, et al. **J Am Coll Dent** 1984 Fall;51(3):14-21

Dental education and the objectives of the American College of Dentists. Kennedy JE. **J Am Coll Dent** 1984 Fall; 51(3):10-3

Positive reinforcement in clinical teaching and evaluation. Rau CF. **J Am Coll Dent** 1984 Summer;51(2):22-5

Responsibility of the dental profession to education and research. White RP Jr. **J Am Coll Dent** 1985 Spring; 52(1):18-21

The use of live patients in clinical board examinations: the debate. **J Am Dent Assoc** 1985 Feb;110(2):164-70

The debate goes on [letter] **J Am Dent Assoc** 1985 May; 110(5):662, 664

Dental education in Sweden: cultural perspective, structure, and issues. Moore R. **J Am Dent Assoc** 1985 May; 110(5):692-6

Improving nutrition components in medical and dental school curriculums. Hoting H, et al. **J Am Diet Assoc** 1985 Apr; 85(4):479-80

Curriculum guidelines on predoctoral oral and maxillofacial surgery. **J Dent Educ** 1985 Apr;49(4):256-7

Curriculum guidelines for predoctoral pediatric dentistry. **J Dent Educ** 1985 Aug;49(8):607-10

Curriculum guidelines for pathology and oral pathology. **J Dent Educ** 1985 Aug;49(8):599-606

Curriculum guidelines for periodontics. **J Dent Educ** 1985 Aug;49(8):611-5

American Association of Dental Schools Section on Behavioral Sciences. Curriculum guidelines for behavioral sciences in dentistry. **J Dent Educ** 1984 Sep;48(9):520-6

62nd AADS annual session, March 17-20, 1985, Las Vegas, Nevada. Abstracts of educational research and new programs presentations. **J Dent Educ** 1985 Jan;49(1):40-63

Curriculum guidelines for dentistry for the person with a handicap. **J Dent Educ** 1985 Feb;49(2):118-22

Practice management instruction in North American dental schools 1983-84. Abbott LJ, et al. **J Dent Educ** 1984 Dec; 48(12):674-78

Scholarship and dental education: new perspectives for clinical faculty. Albino JE. **J Dent Educ** 1984 Sep; 48(9):509-13

Evaluation of a Ag-In-Pd casting alloy for preclinical teaching. Bardzinski MA, et al. **J Dent Educ** 1985 Aug; 49(8):589-91

Teaching ethics in dentistry. Bebeau MJ. **J Dent Educ** 1985 Apr;49(4):236-43

Teaching the detection of child abuse in dental schools. Carlin SA, et al. **J Dent Educ** 1985 Sep;49(9):651-2

Medical emergency education in American dental schools. Clark MS, et al. **J Dent Educ** 1985 Mar;49(3):179-81

Description of a faculty-student group practice. Colangelo GA, et al. **J Dent Educ** 1985 Mar;49(3):154-8

Changing patient needs and their impact on clinical education. Colman HL, et al. **J Dent Educ** 1985 Sep; 49(9):636-9

A simulation program for reviewing endodontics. Dale RA, et al. **J Dent Educ** 1984 Dec;48(12):669-73

The epidemiology of dental caries and its impact on the operative dentistry curriculum. Douglass CW, et al. **J Dent Educ** 1984 Oct;48(10):547-55

Characteristics of dental teaching patients. Entwistle BA, et al. **J Dent Educ** 1985 Sep;49(9):640-4

Teaching venipuncture techniques to dental students. Fast TB, et al. **J Dent Educ** 1985 Sep;49(9):660-1

Effects of graphic organizers on learning from lecture. Feil P, et al. **J Dent Educ** 1985 Feb;49(2):115-7

Geriatric dentistry in the predoctoral curriculum. Freedman KA, et al. **J Dent Educ** 1985 May;49(5):300-5

Clinic simulation and preclinical performance. Green TG, et al. **J Dent Educ** 1984 Dec;48(12):665-8

A protocol for the treatment of hepatitis patients. Heuer GA, et al. **J Dent Educ** 1985 Aug;49(8):596-8

Effects of reducing senior clinical requirements. Hicks JL, et al. **J Dent Educ** 1985 Mar;49(3):169-75

Use of technique metal in preclinical education: effect on student products and performance. Joynt RB, et al. **J Dent Educ** 1985 Feb;49(2):91-4

Comparison of dental students' academic performance using honors/pass/fail and letter grades. Leske GS, et al. **J Dent Educ** 1985 Mar;49(3):176-8

Maintenance of an adequate dental hygiene education system. Ley E, et al. **J Dent Educ** 1984 Oct;48(10):556-9

Predoctoral orthodontic instruction and practice of recent graduates in Florida. McDuffie MW, et al. **J Dent Educ** 1985 May;49(5):324-6

Addressing the negative impact of scholarship on dental education. Mackenzie RS. **J Dent Educ** 1984 Sep; 48(9):496-9

Primates as a teaching model for biopsy. Margarone JE, et al. **J Dent Educ** 1984 Oct;48(10):568-70

Current and future projections of dental school patient availability. Meskin LH, et al. **J Dent Educ** 1985 Aug; 49(8):565-9

Danish dental education: a cultural perspective. Moore R. **J Dent Educ** 1985 Feb;49(2):100-6

Standardized teaching casts for dental preclinical exercises. Morford HT, et al. **J Dent Educ** 1985 Feb;49(2):107-8

Oral health status in the United States: implications for dental education. Morris AL, et al. **J Dent Educ** 1985 Jun; 49(6):434-44

Use and application of structural models in dental education research. Potter RH, et al. **J Dent Educ** 1985 Mar; 49(3):145-53

The use of conference microscopes for teaching histology. Powell GL, et al. **J Dent Educ** 1984 Oct;48(10):566-7

The Robert Wood Johnson Foundation Programs in Dental Health Philanthropy. Rogers DE. **J Dent Educ** 1984 Nov; 48(11):585-6

Educational factors associated with clinician knowledge about bacterial endocarditis. Sadowsky D, et al. **J Dent Educ** 1985 Sep;49(9):645-50

Requirements for faculty scholarship in universities and dental schools: implications for promotion, tenure, and the dual-track system. Smith RJ. **J Dent Educ** 1984 Sep; 48(9):500-5

A board game for sensitizing dental students to children with special needs. Udin RD, et al. **J Dent Educ** 1985 Feb; 49(2):111-4

Acquisition of psychomotor skills in dentistry: a follow-up study. Vann WF Jr, et al. **J Dent Educ** 1984 Sep;48(9):514-7

An evaluation of self-guided teaching methods in a fixed prosthodontics preclinical laboratory. Weiner S, et al. **J Dent Educ** 1985 May;49(5):318-20

Dentistry in medical education: results of a comprehensive survey. Curtis JW Jr, et al. **J Med Educ** 1985 Jan; 60(1):16-20

Training of dentists in anesthesiology [editorial] Laskin DM. **J Oral Maxillofac Surg** 1984 Nov;42(11):698

Teaching pain control in the general practice residency [letter] Marlow CD. **J Oral Maxillofac Surg** 1985 Jun; 43(6):401

Prosthodontic laboratory and curriculum survey. Part III: Fixed prosthodontic laboratory survey. Aquilino SA, et al. **J Prosthet Dent** 1984 Dec;52(6):879-85

A system for developing and evaluating the clinical judgment of dental students. McDonald GT, et al. **J Prosthet Dent** 1985 Feb;53(2):265-6

Preclinical teaching technique for making master impressions. Muncheryan A, et al. **J Prosthet Dent** 1984 Sep;52(3):432-5

Modification designed to improve instruction in intraoral dental radiography. Choksi SK. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):653-8

Effectiveness of communication skills training for dental students. ter Horst G, et al. **Psychol Rep** 1984 Aug; 55(1):7-11

Convocation address delivered on 18th Nov 1984 to medical, dental and law graduates. Chew CH. **Singapore Med J** 1985 Apr;26(2):119-21

[Analysis of the study load in dental education at the Catholic University of Louvain, the State University of Ghent and the Free University of Brussels] Poort HW, et al. **Rev Belge Med Dent** 1984 Aug-Sep;39(4):112-8 (Eng. Abstr.) **(Fre)**

[Newly devised audio-visual education system for dental clinic demonstration] Hosoda H, et al. **Kokubyo Gakkai Zasshi** 1984 Sep;51(3):544-50 (Eng. Abstr.) **(Jpn)**

[Evaluation of the effect of training dental students in health centers] Nakamura C, et al. **Kokubyo Gakkai Zasshi** 1985 Mar;52(1):55-61 (Eng. Abstr.) **(Jpn)**

[Method for conducting seminar classes with interns on therapeutic dentistry] Davydova LP, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):82-3 **(Rus)**

[Experience in conducting a practical class in the teaching of internal diseases to dental students] Tokmachev IuK, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):77-9 **(Rus)**

[Experience in profiling the teaching of ophthalmology in a dental department] Krasnikov PG, et al. **Vestn Oftalmol** 1985 Jan-Feb;101(1):51-4 (Eng. Abstr.) **(Rus)**

ECONOMICS

Senior survey update: financial characteristics of dental school seniors, 1984. Solomon E. **J Dent Educ** 1984 Sep; 48(9):527-8

The high cost of education. Queen AN. **NY State Dent J** 1985 Feb;51(2):80

HISTORY

[200th anniversary of the beginning of university lectures on stomatology] Dominik K. **Arch Hist Med (Warsz)** 1984; 47(3):395-401 (Eng. Abstr.) **(Pol)**

[A century of plans in dental education] da Silva N. **Rev Port Estomatol Cir Maxilofac** 1984 Oct-Dec; 25(4):1021-41 **(Por)**

STANDARDS

Quality--a challenge to professional leadership. Sharp PF. **J Dent Educ** 1984 Oct;48(10):539-42

TRENDS

The implications of changing patterns in oral health for dental education. Allen DL. **Int Dent J** 1985 Mar;35(1):83-7

The effect of a decreasing prevalence of dental caries on the future teaching curriculum. Purdell-Lewis DJ, et al. **J Dent** 1985 Jun;13(2):160-5

Future of dental education: strategic issues. Sinkford J, et al. **J Dent Educ** 1984 Oct;48(10):543-6

Dental education in Portugal [letter] Cataldo E. **J R Soc Med** 1984 Nov;77(11):986-7

Dentistry and dental education to the year 2000. Adkins KF. **NZ Dent J** 1985 Jan;81(363):3-6

EDUCATION, DENTAL, CONTINUING

Continuing education: attitudes and activities of Finnish dentists. Murtomaa H, et al. **Acta Odontol Scand** 1984 Aug; 42(4):199-203

MGDS: attitudes of practitioners on postgraduate courses in England. Farrell T. **Br Dent J** 1985 Jan 19;158(2):61-3

Quality assurance and the role of self-evaluation and continuing education. Milgrom P, et al. **Dent Clin North Am** 1985 Jul;29(3):531-44

Continuing education course listing, June to December 1985. Department of Membership and Continuing Education Records. **J Am Dent Assoc** 1985 Jun;110(6):949-55, 960-9

Continuing education course listing January to June 1985. Department of Membership and Continuing Education Records. **J Am Dent Assoc** 1984 Dec;109(6):943-71

The effects of continuing education in dental practice management. Chapko MK, et al. **J Dent Educ** 1984 Dec; 48(12):659-64

Applicant interest and goals in postdoctoral training in general dentistry. Handelman SL, et al. **J Dent Educ** 1985 May;49(5):327-9

A postgraduate dental training program for treatment of persons with disabilities. Stiefel DJ, et al. **J Dent Educ** 1985 Feb;49(2):85-90

Mid-career adaptation to the need for change by dentists. Sarll DW. **J R Soc Med** 1985;78 Suppl 7:43-6

A less costly approach to registering continuing education. O'Connor JT. **NY State Dent J** 1985 Apr;51(4):202-3

HISTORY

A short history of continuing education in New York State dentistry. Loveland LW. **NY State Dent J** 1984 Nov; 50(9):614, 616

STANDARDS

[Organization of and experience with on-the-job continuing dental education in Gödöllö] Makra C. **Fogorv Sz** 1985 Jan;78(1):20-1 **(Hun)**

TRENDS

[Continuing education of physicians and dentists in East Germany] Berndt H, et al. **Z Arztl Fortbild (Jena)** 1984; 78(16):657-9 **(Ger)**

EDUCATION, DENTAL, GRADUATE

Orthodontic graduate education survey. Sinclair PM, et al. **Am J Orthod** 1984 Feb;85(2):175-81

Training needs of postgraduates in dental general anaesthesia. Sarll DW, et al. **Br Med J [Clin Res]** 1985 Jun 1; 290(6482):1641-2

Curriculum guidelines for postdoctoral oral diagnosis/oral medicine. **J Dent Educ** 1985 Apr;49(4):251-5

Formal education: key to implantology's future. Rosen J. **NY J Dent** 1984 Dec;54(8):389-90

[10-year activities in training dentists at the Dental Clinic of the Medical School of the University of Pécs] Szabó I. **Fogorv Sz** 1985 May;78(5):129-36 **(Hun)**

EDUCATION DEPARTMENT, HOSPITAL see under **HOSPITAL DEPARTMENTS**

EDUCATION, GRADUATE

Feasibility of an Extended MPH Degree Program for fully employed practicing health professionals. Wainwright RB, et al. **Am J Public Health** 1984 Nov;74(11):1258-62

In support of the professional doctorate. Feldman AS. **ASHA** 1984 Nov;26(11):24, 26, 28 passim

In support of the practitioner-scholar. Ringel RL. **ASHA** 1984 Nov;26(11):25, 27, 29 passim

Bibliographic research and critical inquiry: a learning module for graduate students in health services administration. Smith MD, et al. **Bull Med Libr Assoc** 1985 Jul;73(3):242-8

Volunteerism with the elderly: an innovative interdisciplinary course in graduate education. Euster GL. **Gerontol Geriatr Educ** 1984-85 Winter;5(2):13-23

Are master's degrees in gerontology comparable? Peterson DA. **Gerontologist** 1984 Dec;24(6):646-51

Health concentrations in schools of social work: the state of the art. Caroff P, et al. **Health Soc Work** 1985 Winter; 10(1):5-14

Alcohol use among graduate business administration students. Waring ML, et al. **Int J Addict** 1984 Sep;19(6):653-64

Competency mandate: a model for teaching skills in the administration of the WAIS-R. Fantuzzo JW, et al. **J Clin Psychol** 1984 Jul;40(4):1053-9

Assessing personality and clinical effectiveness: a response to Crane and Cooper (1983) [letter] Siviski RW, et al. **J Speech Hear Disord** 1984 Nov;49(4):434-5

Supervising graduate students in family therapy. Feldstein MA. **Perspect Psychiatr Care** 1984 Jul-Sep;22(3):93-8

[Education in epidemiology] Pineault R, et al. **Arch Belg** 1984;42(1-2):138-51 (Fre)

TRENDS

A comparison of impact of undergraduate and graduate occupational therapy education on professional productivity. Clark F, et al. **Am J Occup Ther** 1985 Mar; 39(3):155-62

EDUCATION, HEALTH see HEALTH EDUCATION

EDUCATION, MEDICAL

The library in medical education. Okeke MO. **Afr J Med Med Sci** 1985 Mar-Jun;14(1-2):111-3

Alcohol education and the medical student. Clare AW. **Alcohol Alcohol** 1984;19(4):291-6

Usefulness of computer-assisted instruction for medical education [editorial] Abdulla AM, et al. **Am J Cardiol** 1984 Oct 1;54(7):905-7

Emergency medicine and the Association of American Medical Colleges (AAMC). The role of emergency medicine in undergraduate and graduate medical education. Henry JB. **Am J Emerg Med** 1983 Jul;1(1):35-42

Sculpture of a new academic discipline. Four faces of academic general internal medicine. Eisenberg JM. **Am J Med** 1985 Feb;78(2):283-92

Influence of medical and premedical education on important personal qualities of physicians. McCue JD. **Am J Med** 1985 Jun;78(6 Pt 1):985-91

Order and human biology. Nabel GJ. **Am J Med** 1985 Apr; 78(4):545-8

In quest of certainty. Reiss E. **Am J Med** 1984 Dec; 77(6):969-71

The effects of physicians' training and personality on test ordering for ambulatory patients. Epstein AM, et al. **Am J Public Health** 1984 Nov;74(11):1271-3

The teaching of occupational health in United States medical schools: five-year follow-up of an initial survey. Levy BS. **Am J Public Health** 1985 Jan;75(1):79-80

Learning style analysis in surgical training. Baker JD 3d, et al. **Am Surg** 1985 Sep;51(9):494-6

Transverse sections of the elbow region in man, made into transparencies and embedded in plastic in a self-study module. Lataster LM, et al. **Anat Rec** 1984 Nov; 210(3):541-7

Expansion of emergency medicine's responsibilities for preclinical education of medical students. Burdick WP, et al. **Ann Emerg Med** 1985 Feb;14(2):131-3

The humanities in medical schools [letter] **Ann Intern Med** 1985 Mar;102(3):414

The humanities in medicine [letter] Banks JT, et al. **Ann Intern Med** 1985 Feb;102(2):270

The GPEP report: III. Faculty involvement [editorial] Barondess JA. **Ann Intern Med** 1985 Sep;103(3):454-5

Medical education and the humanities [letter] Hunter KM. **Ann Intern Med** 1985 May;102(5):724

The humanities, science, and the medical curriculum [editorial] Huth EJ. **Ann Intern Med** 1984 Dec;101(6):864-5

Medical education, hospitals, and health care on Taiwan. Schumacher HR Jr, et al. **Ann Intern Med** 1985 Mar; 102(3):409-10

The humanities in medical education. Warren KS. **Ann Intern Med** 1984 Nov;101(5):697-701

Criteria of humanity. Defining the indefinable [editorial] Moore FD. **Ann Surg** 1985 Feb;201(2):231-2

Cross-examination for students in andrology. Kelâmi A. **Arch Androl** 1984;13(1):101-2

Meeting the challenge of the medical lecture [editorial] Russell IJ, et al. **Arch Intern Med** 1985 Jan;145(1):44-5

New Zealand. Ophthalmology, medical education, and national background. Keeney AH, et al. **Arch Ophthalmol** 1985 Jul;103(7):973-6

Microcomputer physiological model simulation used in physiology class. Akers TK, et al. **Biomed Sci Instrum** 1985; 21:103-7

FFARCS examination from 1985. Rosen M. **Br J Hosp Med** 1985 May;33(5):281-2

Resuscitation needed for the curriculum? [letter] **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1985-6

PEARLS (personally arranged learning sessions): an alternative to presentations of free papers. Schwartz PL, et al. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):453-4

The role of academic medicine in patient education. Committee on Medicine in Society in cooperation with Committee on Medical Education. **Bull NY Acad Med** 1985 Mar;61(2):115-224

Conference on nutrition teaching in medical schools. The New York-New Jersey Regional Center for Clinical Nutrition Education. **Bull NY Acad Med** 1984 Jul-Aug; 60(6):542-686

Integrating patient education into the medical school setting: balancing needs and priorities. Bondurant S. **Bull NY Acad Med** 1985 Mar;61(2):212-7

Bridging the gap: nutrition teaching in introduction to medicine and physical diagnosis courses. Deen D. **Bull NY Acad Med** 1984 Jul-Aug;60(6):649-52

The teaching of patient education concepts on therapeutic compliance to medical students. Haynes RB. **Bull NY Acad Med** 1985 Mar;61(2):123-34

The value of nutrition support services as a teaching aid. Howard L. **Bull NY Acad Med** 1984 Jul-Aug;60(6):670-4

An integrated approach for nutrition teaching in the medical curriculum. Rombeau JL. **Bull NY Acad Med** 1984 Jul-Aug;60(6):602-9

Nutrition teaching in medical schools: the student perspective. Shulman LP. **Bull NY Acad Med** 1984 Jul-Aug;60(6):617-8

The value of discrete nutrition courses. Winick M, et al. **Bull NY Acad Med** 1984 Jul-Aug;60(6):619-26

Discrete nutrition courses vs. the integrated approach. Winick M. **Bull NY Acad Med** 1984 Jul-Aug;60(6):610-2

Experience with intensive nutrition courses. Wylie-Rosett J, et al. **Bull NY Acad Med** 1984 Jul-Aug;60(6):640-1

Nutrition teaching in the Canadian dental and medical schools. Ng ML, et al. **Can Dent Assoc J** 1984 Dec; 50(12):895-7

Special report on medical education [letter] **Can Med Assoc J** 1984 Nov 1;131(9):1009, 1012

The balance between research and medical education [letter] **Can Med Assoc J** 1985 Feb 1;132(3):233

A computerized database-management system for curriculum analysis. Gotlib D, et al. **Can Med Assoc J** 1984 Oct 15; 131(8):861-3

The humanities in the general professional education of the physician: can Canadian schools meet the challenge? Squires BP. **Can Med Assoc J** 1985 May 1;132(9):1000-1

The teaching functions of a radiotherapy center. Evans JA. **Cancer** 1968 Oct;22(4):706-10

Teaching the management of terminal illness in Zimbabwe. Buchan T, et al. **Cent Afr J Med** 1985 Apr;31(4):82-5

Educating physicians in the use of pharmaceuticals. Kaplan NM. **Circulation** 1985 Aug;72(2 Pt 2):131-5

The weight of knowledge: teachers and students and doctors and patients. Underwood P, et al. **Community Health Stud** 1985;9(2):145-50

Needed: a new way to train doctors (1). Bok D. **Conn Med** 1984 Oct;48(10):665-72

Needed: a new way to train doctors (2). Bok D. **Conn Med** 1984 Nov;48(11):741-8

Reflections on medicine. Brain-dusting. Massey RU. **Conn Med** 1985 Feb;49(2):129

Education in dementia for the caring professions. Kellett JM. **Dan Med Bull** 1985 Feb;32 Suppl 1:67-71

Attitudes of students, educators and practitioners of medicine towards gerontologic/geriatric training. Coccaro EF, et al. **Gerontol Geriatr Educ** 1984 Summer;4(4):29-37

Influencing medical students' attitudes toward older adults: a curriculum proposal. Sachs LA, et al. **Gerontol Geriatr Educ** 1984 Summer;4(4):91-6

Preparing for the perils of practice. Gorovitz S. **Hastings Cent Rep** 1984 Dec;14(6):38-41

The Netherlands: tolerance and teaching. Terborgh-Dupuis H. **Hastings Cent Rep** 1984 Dec;14(6):23-4

Minorities and the health professions in the 1980s. Hanft RS. **Health Aff (Millwood)** 1984 Winter;3(4):71-84

Education for drug prescribers: whose responsibility? Derbyshire RC. **Hosp Pract [Off]** 1985 Jul 15;20(7):151, 154-5, 158

Iatrogenic impairment? Zusag T. **IMJ** 1984 Sep;166(3):143-4

Training of personnel for infection control in Germany. Thimm BM. **Infect Control** 1984 Aug;5(8):395-8

Dermatologic training in the People's Republic of China. Li HC. **Int J Dermatol** 1985 Mar;24(2):129-30

Evaluation of a new course to teach the principles and clinical applications of epidemiology to medical students. Heller RF, et al. **Int J Epidemiol** 1984 Dec;13(4):533-7

Liberal arts and the preparation for medicine. Caplan RM. **Iowa Med** 1985 Jul;:314-5

Improving nutrition components in medical and dental school curriculums. Hoting H, et al. **J Am Diet Assoc** 1985 Apr; 85(4):479-80

Women and science performance in a six-year medical program. Greenfield B, et al. **J Am Med Wom Assoc** 1985 Jul-Aug;40(4):116-8

Supporting each other. Lisoskie S. **J Am Med Wom Assoc** 1985 Jul-Aug;40(4):107, 126

The mentor system in medicine--how it works for women. Sirridge MS. **J Am Med Wom Assoc** 1985 Mar-Apr; 40(2):51-3

Human sexuality instruction: curricula in osteopathic colleges. Johnson SM, et al. **J Am Osteopath Assoc** 1984 Sep;84(1):52-9

Illustrated interactive patient management problems. Richmond DE. **J Audiov Media Med** 1984 Oct;7(4):132-7

The effectiveness of a slide-tape program on literature evaluation. Cuddy PG, et al. **J Biocommun** 1984 Aug; 11(3):2-4

A medical school course in coping with death: an opportunity to consider some basic health care issues. Woolsey SF. **J Dev Behav Pediatr** 1985 Apr;6(2):91-9

Physician education in human sexuality. Matteson GN, et al. **J Fam Pract** 1984 Nov;19(5):683-4

Medical education in India in a mess. Sinha AK. **J Indian Med Assoc** 1984 Jun;82(6):223-7

Quo vadis? Marcotte R. **J La State Med Soc** 1984 Aug; 136(8):23-4

Handicapped in medical school: a personal account. Winkler T. **J La State Med Soc** 1985 Aug;137(8):26-9

Dollars and sense: teaching cost containment to medical students. Kuske TT. **J Med Assoc Ga** 1984 Dec; 73(12):839-41

Physician surplus and the new medical marketplace--contemporary challenges to medical education. Nutter DO. **J Med Assoc Ga** 1984 Sep; 73(9):605-10

Association of American Medical Colleges. Annual meeting and annual report, 1984. **J Med Educ** 1985 Mar; 60(3):211-74

A miniworkshop method for teaching medical students recognition of personality disorders. Abrams HL, et al. **J Med Educ** 1985 Aug;60(8):646-8

Reflections on medical education: concerns of the student. Awbrey BJ. **J Med Educ** 1985 Feb;60(2):98-105

Analytic thinking: educating students for the practice of modern medicine. Boring JR 3d, et al. **J Med Educ** 1984 Nov;59(11 Pt 1):875-80

Recommendations of the General Professional Education of the Physician report [editorial] Cooper JA. **J Med Educ** 1985 Feb;60(2):145-8

Basic science studies [letter] Cruess RL, et al. **J Med Educ** 1985 Mar;60(3):208

Dentistry in medical education: results of a comprehensive survey. Curtis JW Jr, et al. **J Med Educ** 1985 Jan; 60(1):16-20

Educational value of an ambulatory care experience for medical students. Dutton CB, et al. **J Med Educ** 1984 Oct; 59(10):836-8

Views of medical students and residents on education in alcohol and drug abuse. Fassler D. **J Med Educ** 1985 Jul; 60(7):562-4

A review of the recent literature relating to the training of medical students in alcoholism. Hanlon MJ. **J Med Educ** 1985 Aug;60(8):618-26 (27 ref.)

Substance-abuse education in medical school: past, present, and future. Helwick SA. **J Med Educ** 1985 Sep;60(9):707-11

To see ourselves. Heyssel RM. **J Med Educ** 1985 Feb; 60(2):119-23

The impact of legal medicine education on medical students' attitudes toward law. LeBlang TR, et al. **J Med Educ** 1985 Apr;60(4):279-87

Introduction to interviewing patients. Lenkei E, et al. **J Med Educ** 1984 Nov;59(11 Pt 1):911-2

The effect of gender and training of residents on satisfaction ratings by patients. Linn LS, et al. **J Med Educ** 1984 Dec; 59(12):964-6

Teaching the history of medicine to medical students. Loewy EH. **J Med Educ** 1985 Sep;60(9):692-5

Faculty perceptions of the McMaster M.D. program. McAuley RG, et al. **J Med Educ** 1984 Oct;59(10):842-3

Experience with providing research opportunities for medical students. McPherson JR, et al. **J Med Educ** 1984 Nov;59(11 Pt 1):865-8

Medicine: a learned profession? Muller S. **J Med Educ** 1985 Feb;60(2):85-91

Concordance of medical school course grades and NBME Parts I and II examination subject test scores. Murphy JP, et al. **J Med Educ** 1984 Oct;59(10):828-31

A self-assessment questionnaire for patient educators. Plorde DS, et al. **J Med Educ** 1985 Sep;60(9):728-30

The teaching hospital and medical education: one-room schoolhouse, multiversity, dinosaur? Rabkin MT. **J Med Educ** 1985 Feb;60(2):92-7

Utilization of an anthropomorphic model in pelvic examination instruction. Rakestraw PG, et al. **J Med Educ** 1985 Apr;60(4):343-5

A comparison of medical students' performances in independent study and traditional programs. Sachs LA, et al. **J Med Educ** 1985 Aug;60(8):602-9

Cost containment education in British medical schools: implications for American medical schools. Turner BJ, et al. **J Med Educ** 1985 Jun;60(6):483-5

The patient as teacher. Weisser RJ Jr, et al. **J Med Educ** 1985 Jan;60(1):63-5

Teaching cultural aspects of medicine. Wells KB, et al. **J Med Educ** 1985 Jun;60(6):493-5

A workshop on medical ethics at the College of Medicine, Lagos University. Olukoya AA. **J Med Ethics** 1984 Dec; 10(4):199-200

Dissemination of computer skills among physicians: the infectious process model. Quinn FB Jr, et al.

J Med Syst 1984 Aug;8(4):307-17

Effects of a summer preview program of study skills and basic science topics on the academic performance of minority students. Richardson BL, et al. **J Natl Med Assoc** 1985 Jun;77(6):465-71

Organising a clinical examination. Pang J. **J R Coll Physicians Lond** 1985 Apr;19(2):93-5

Training in occupational medicine in the Royal Navy—a personal view. Wright DS. **J R Nav Med Serv** 1985 Spring; 71(1):9-14

Training in modern chiropody. Smidt LA. **J R Soc Health** 1984 Oct;104(5):174-6

Impediments to Alcohol Education. Kinney J, et al. **J Stud Alcohol** 1984 Sep;45(5):453-9

1984 A.A.S.T. presidential address: medical education and the trauma surgeon—the role of the A.A.S.T. Sheldon GF. **J Trauma** 1985 Aug;25(8):727-39

Medical education in the United States 1984-1985. **JAMA** 1985 Sep 27;254(12):1545-658

Medical education programs sponsored by government agencies. **JAMA** 1985 Sep 27;254(12):1614-6

85th annual report on medical education in the United States. Executive summary. Crowley AE. **JAMA** 1985 Sep 27; 254(12):1553-4

Recent events of special interest to medical education. Egan RL. **JAMA** 1985 Sep 27;254(12):1556-64

An educational view of a national initiative to lower plasma lipid levels. Harlan WR, et al. **JAMA** 1985 Apr 12; 253(14):2087-90

Relevance and utility of courses in medical ethics. A survey of physicians' perceptions. Pellegrino ED, et al. **JAMA** 1985 Jan 4;253(1):49-53

Preparation: sometimes good is not good enough [letter] Self DJ. **JAMA** 1985 Apr 12;253(14):2043-4

Allegiance to the corps. The physician's dilemma. Smith BW, et al. **JAMA** 1984 Dec 21;252(23):3280-2

Physician education and cost containment [letter] Soumerai SB, et al. **JAMA** 1985 Apr 5;253(13):1876-7

A retrospective look at the medical curriculum. Elahi F, et al. **JPMA** 1985 Mar;35(3):85-92

The final M.B.B.S. (certifying) examination. Jafarey NA. **JPMA** 1984 Aug;34(8):251-4

Mobilising universities for health [editorial] **Lancet** 1985 Aug 31;2(8453):484

Hands on in clinical teaching [letter] **Lancet** 1984 Sep 29; 2(8405):754-5

Cliches in medical education [letter] **Lancet** 1984 Dec 22; 2(8417-18):1476-7

Surgical training [letter] Loefler IJ. **Lancet** 1985 Jan 26; 1(8422):225-6

Clichés in medical education. Roddie IC. **Lancet** 1984 Oct 13;2(8407):860-1

Clichés in medical education. Roddie IC. **Lancet** 1984 Oct 20;2(8408):918

Clichés in medical education. Roddie IC. **Lancet** 1984 Oct 6;2(8406):802-3

Clichés in medical education. Roddie IC. **Lancet** 1984 Oct 27;2(8409):973-4 contd

Clichés in medical education. Roddie IC. **Lancet** 1984 Nov 3;2(8410):1030-1

The doctor's image. Silver G. **Lancet** 1984 Dec 22; 2(8417-18):1456-7

Requirements for specialist training [letter] Waterlow JC. **Lancet** 1985 Mar 9;1(8428):576

LEPRA's elective period student programme, 1973-1983. Rees RJ. **Lepr Rev** 1984 Dec;55(4):321-5

A course in clinical decision making adaptable to diverse audiences. Cebul RD, et al. **Med Decis Making** 1984; 4(3):285-96

The statistical content of published medical research: some implications for biomedical education. Colditz GA, et al. **Med Educ** 1985 May;19(3):248-55

Objectives for medical education: expectations of society. Ewan C. **Med Educ** 1985 Mar;19(2):101-12

The academic task. McCormick JS. **Med Educ** 1985 Mar; 19(2):153-4

Vertical and horizontal curricula: how they can work together in the integration of medical computer science and the classic medical sciences. Ball MJ, et al. **Med Inf (Lond)** 1984 Jul-Dec;9(3-4):281-8

Computer-based simulations and clinical problem-solving. Barnett O. **Med Inf (Lond)** 1984 Jul-Dec;9(3-4):277-9

Training in medical information science: a critical perspective. Levy AH. **Med Inf (Lond)** 1984 Jul-Dec; 9(3-4):273-5

Training for a research career in medical information science: how much is enough? Miller PL. **Med Inf (Lond)** 1984 Jul-Dec;9(3-4):301-4

The teaching of medical computation. Saltz J. **Med Inf (Lond)** 1984 Jul-Dec;9(3-4):310-1

The Gut Foundation [editorial] Bolin TD. **Med J Aust** 1984 Dec 8-22;141(12-13):780-1

Asthma education for all [editorial] Buchanan N, et al. **Med J Aust** 1985 Mar 4;142(5):287-8

Medical teaching and the rural doctor [editorial] Kamien M. **Med J Aust** 1984 Nov 10;141(10):628-9

Basic curricular goals in medical ethics [letter] **N Engl J Med** 1985 Aug 15;313(7):456-7

A suggestion for teaching the care of patients [letter] Lipkin M. **N Engl J Med** 1985 Jul 11;313(2):122

Neurosurgical training in the countries of the Middle East: a summary round table discussion held at the annual meeting of the Middle East Neurosurgical Society, April 1983, Athens, Greece. Al-Mefty O. **Neurosurgery** 1985 Mar;16(3):431-3

The restraint of progress. Declining participation of blacks and other minorities in medical schools. Johnson L Jr. **NY State J Med** 1985 Apr;85(4):135-6

Can a teaching experience make a better M.D.? DeBruin JE. **Ohio State Med J** 1985 Apr;81(4):239-43

Reflections on a teaching experience. Herwig TT. **Ohio State Med J** 1985 Jun;81(6):417-9

Patients: character-building teachers. Asper SP. **Pharos** 1985 Summer;48(3):28-30

Dissecting the clinical art. Coulehan JL. **Pharos** 1984 Fall; 47(4):21-5

Metaphor, medicine, and medical education. Edelson JT. **Pharos** 1984 Spring;47(2):16-21

Past and present. Linenthal AJ. **Pharos** 1985 Summer;48(3):45

Osler's bedside library revisited. Reynolds RC. **Pharos** 1985 Spring;48(2):34-6

Further musings on medical education. Rogers DE. **Pharos** 1984 Fall;47(4):31-4

Responsibilities and methods for diagnosing genetic defects in the dying newborn infant. Kirkman HN Jr. **Prog Clin Biol Res** 1985;163C:331-4

Report of the workshop on education. Wolstenholme G. **Prog Clin Biol Res** 1985;163C:359-62

Aspects of teaching psychotherapy to medical students. Herz LR. **Psychiatr Q** 1984 Summer;56(2):151-6

Changing orientations of medical students to patients' care: biomedical versus biopsychosocial models. Calhoun JG, et al. **Psychol Rep** 1985 Feb;56(1):91-4

Subtest scores of a comprehensive examination of medical knowledge as a function of retention interval. Hojat M, et al. **Psychol Rep** 1984 Oct;55(2):579-86

The education of QA professionals [letter] Warner AM. **QRB** 1985 Jul;11(7):202-3

Legal and ethical obligations and medical training [letter] du Toit GT. **S Afr Med J** 1985 Aug 17;68(4):213-4

Problems in attempts to humanize medicine. Lazarus J. **S Afr Med J** 1985 Feb 23;67(8):297-300 (60 ref.)

Four sins of medicine: 1984. McGregor M. **S Afr Med J** 1985 Apr 20;67(16):643-5

Some challenges to South African universities. Saunders SJ. **S Afr Med J** 1985 Jun 8;67(23):932-3

Medical education under fire [news] Culliton BJ. **Science** 1984 Oct 26;226(4673):419-20

New curriculum at Harvard Medical School [news] Culliton BJ. **Science** 1985 Jan 11;227(4683):153

Johns Hopkins drops MCAT requirement [news] Holden C. **Science** 1985 Aug 16;229(4714):634-5

Convocation address delivered on 18th Nov 1984 to medical, dental and law graduates. Chew CH. **Singapore Med J** 1985 Apr;26(2):119-21

Training for certainty. Atkinson P. **Soc Sci Med** 1984; 19(9):949-56

Professional socialization and social control: from medical students to general practitioners. Baszanger I. **Soc Sci Med** 1985;20(2):133-43

Preventive care attitudes of medical students. Scott CS, et al. **Soc Sci Med** 1985;21(3):299-305

The impact of illness on patients and families: social workers teach medical students. Hunsdon S, et al. **Soc Work Health Care** 1984 Winter;10(2):41-52

Learning medical fallibility. Carmichael DH. **South Med J** 1985 Jan;78(1):1-3

Medical education for an uncertain future. Ross RS. **South Med J** 1985 May;78(5):602-6

333 Cedar Street: an oral history. A chapter in the history of contemporary medicine. Viseltear AJ. **Yale J Biol Med** 1985 Jan-Feb;58(1):29-49

[Trial exploration of an educational system with reference to combined traditional Chinese and western medicine] Li E. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May;4(5):312-3 **(Chi)**

[The educational system at the University of Manchester Medical School in Great Britain] Vrbová H. **Cas Lek Cesk** 1984 Oct 19;123(42):1288-9 **(Cze)**

[Research in medical education and training] Vrbová H. **Cas Lek Cesk** 1984 Dec 21;123(51):1578 **(Cze)**

[The history of medicine and health care in Czechoslovakia and its importance in the development of social medicine and the organization of health care] Nikliček L, et al. **Cesk Zdrav** 1985 Jul;33(6-7):247-55 **(Cze)**

[Development of socio-medical aspects in medical activity] Stránská D, et al. **Cesk Zdrav** 1985 May;33(5):198-204 (Eng. Abstr.) **(Cze)**

[Medical education in the 1985 spring semester. Course catalog] **Ugeskr Laeger** 1985 Jan 21;147:1-144 **(Dan)**

[The practical clinical examination; a critical study] Metz JC. **Ned Tijdschr Geneeskd** 1985 Apr 27;129(17):796-8 **(Dut)**

[The place of docimology in medical education] Barrès G, et al. **Bull Acad Natl Med (Paris)** 1984 May-Jun; 168(5-6):568-76 **(Fre)**

[Denial of diplomas in homeopathy by medical schools] Gounelle de Pontanel H, et al. **Bull Acad Natl Med (Paris)** 1984 Mar-Apr;168(3-4):429-34 **(Fre)**

[Teaching and control of emergency care: global analysis approach] Murat JE. **Bull Acad Natl Med (Paris)** 1985 Jan; 169(1):88-94 (Eng. Abstr.) **(Fre)**

[Education and continuing education for physicians and medical personnel in nuclear magnetic resonance] Linner J, et al. **Digitale Bilddiagn** 1984 Sep;4(3):105-7 **(Ger)**

[The 1985 preclinical examination scandal. Important notes on the preclinical examinations in the spring of 1985] Boelcke G. **Dtsch Med Wochenschr** 1985 Sep 27; 110(39):1479-82 **(Ger)**

[Empirical findings on the effectiveness of the student's optional psychosomatic subject model of the Hannover Medical School] Lempa W, et al. **Psychother Psychosom Med Psychol** 1985 May;35(5):127-32 (Eng. Abstr.) **(Ger)**

[Recommendations for an educational concept for physicians in emergency medicine] Ehle G, et al. **Z Arztl Fortbild (Jena)** 1984;78(14):585-7 **(Ger)**

[Aspects of medical undergraduate, graduate and continuing education in emergency medicine] Gross J, et al. **Z Arztl Fortbild (Jena)** 1984;78(15):653-4 **(Ger)**

[A practice phantom for learning rectal digital examination] Klug W, et al. **Zentralbl Chir** 1985;110(11):695-8 **(Ger)**

[Education for a humanistic approach in medicine (editorial)] Berner Y, et al. **Harefuah** 1984 Aug;107(3-4):99-100 **(Heb)**

[Teaching history of medicine in medical schools] Kottek SS. **Harefuah** 1983 Jun;104(11-12):526-7 **(Heb)**

[Persistence of determination to study medicine and emigration from Israel] Notzer N, et al. **Harefuah** 1984 Jul; 107(1-2):37-9 (Eng. Abstr.) **(Heb)**

[Medical training in the West Indies] Wenger T. **Orv Hetil** 1985 Mar 24;126(12):725-7 **(Hun)**

[Surgery in medical education] Katsuki H. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):873-7 (Eng. Abstr.) **(Jpn)**

[An experiential learning course on teaching humanistic skills to medical students—effect on empathy and regard for others] Ikemi A, et al. **Sangyo Ika Daigaku Zasshi** 1984 Sep 1;6(3):265-71 (Eng. Abstr.) **(Jpn)**

[WPA Kyoto symposium (4). Psychiatric education in various countries] **Seishin Shinkeigaku Zasshi** 1984; 86(5):361-96 **(Jpn)**

[Address delivered by the Rector of the Pomeranian Medical Academy at the inauguration of the academic year 1983-84] Brzeziński T. **Ann Acad Med Stetin** 1984;30:199-208 **(Pol)**

[Revision of the academic curriculum during the clinical cycle] Correia JP. **Acta Med Port** 1985 Mar-Apr; 6(3-4):125-7 **(Por)**

[Curricular orientation of the course for graduating in medicine at the University of São Paulo] Marcondes E, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Nov-Dec; 39(6):278-87 (Eng. Abstr.) **(Por)**

[Importance of the department of the history of medicine in the medical curriculum] Leitão A. **Rev Port Estomatol Cir Maxilofac** 1984 Oct-Dec; 25(4):999-1019 **(Por)**

[Functional status of students under various methods of teaching] Minnibaev TSh. **Gig Sanit** 1985 Apr;(4):44-7 (Eng. Abstr.) **(Rus)**

[Role of scientific work in the education of a surgeon] Trede M. **Khirurgiia (Mosk)** 1984 Oct;(10):130-2 **(Rus)**

[Experimental course for advanced training in management problems] Vartanian FE, et al. **Sov Zdravookhr** 1984; (12):54-60 **(Rus)**

[The importance of training physicians to work according to common good management practices] Kurajica L, et al. **Lijec Vjesn** 1984 Sep;106(9):390-4 (Eng. Abstr.) **(Ser)**

[The Latin teacher as a medical historian] Simon F. **Cas Lek Cesk** 1984 Oct 12;123(40-41):1250 **(Slo)**

[The present state and perspectives in phoniatry education and the organization of phoniatric care in Slovakia] Krahulec I, et al. **Cesk Otolaryngol** 1985 Jul;34(4):245-7 **(Slo)**

[Methods of training general physicians for field service in East Germany, Hungary and Czechoslovakia] Klimo F, et al. **Cesk Zdrav** 1984 Oct;32(10):409-13 (Eng. Abstr.) **(Slo)**

[The teaching of medical ethics in the medical school] Rodrigues Coura J. **Bol Chil Parasitol** 1984 Jan-Jun; 39(1-2):2-5 (Eng. Abstr.) **(Spa)**

[The role of support elements in medical education] Ferreira JR. **Educ Med Salud** 1984;18(4):402-18 (Eng. Abstr.) **(Spa)**

[Compulsory internship in diagnostic radiology in the 5th year of medicine at the University of Montreal] Saint-Georges G, et al. **Educ Med Salud** 1984;18(3):299-306 (Eng. Abstr.) **(Spa)**

[Stages of medical education in Mexico] Somolinos-Palencia J, et al. **Gac Med Mex** 1984 Jun;120(6):213-28 **(Spa)**

[Training adolescents to be physicians (editorial)] Toro C. **Rev Chil Pediatr** 1984 Sep-Oct;55(5):305-7 **(Spa)**

[The teaching hospital: a present need] Salazar JR, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1984;42(1):53-4, 57-9 **(Spa)**

[Comparative study of the academic aptitude test and final graduate records of students of Chilean medical schools] Contreras R, et al. **Rev Med Chil** 1984 Oct;112(10):1033-43 (Eng. Abstr.) **(Spa)**

[Medical education and the need for physicians] Neghme A. **Rev Med Chil** 1984 Jun;112(6):614-24 (Eng. Abstr.) **(Spa)**

ECONOMICS

Requirements for an effective nutrition teaching program in medical schools: essential personnel and medical center resources. Pi-Sunyer FX, et al. **Bull NY Acad Med** 1984 Jul-Aug;60(6):675-86

Constrained resources in medical education and research. Heyssel R. **Health Aff (Millwood)** 1984 Winter;3(4):110-6

Taking stock. Caplan RM. **Iowa Med** 1985 Jan;75(1):25, 34

Turn about—it's fair play. Simkin DR. **J La State Med Soc** 1985 May;137(5):28-9

Costs of medical education [letter] Pawlson LG. **J Med Educ** 1985 Feb;60(2):154-6

Physicians for rural areas [letter] Berning RA. **JAMA** 1985 Mar 15;253(11):1557

Medical education indebtedness [letter] Winter JP. **JAMA** 1985 Jul 5;254(1):58

Cost containment by a naval armada. Maloney JV Jr, et al. **N Engl J Med** 1985 Jun 27;312(26):1713-4

Medical education: who pays the bill? Evans D. **Ohio State Med J** 1984 Sep;80(9):671-3, 680

OMERF—our response to growing concerns. Sarpa JR. **Ohio State Med J** 1985 May;81(5):313-5

Physicians' future work [letter] Kunst OJ. **Pharos** 1984 Fall; 47(4):36

Medical School—only the rich need apply [editorial] Howard RB. **Postgrad Med** 1985 May 15;77(7):13-4

Private sector financing for medical education [letter] Griggs RC. **West J Med** 1984 Nov;141(5):687-8

HISTORY

Medical education and practice in Britain 150 years ago: a verbatim testimony. Howard-Jones N. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):539-41

The selective transport of medical knowledge: antebellum American physicians and Parisian medical therapeutics. Warner JH. **Bull Hist Med** 1985 Summer;59(2):213-31

Evolution of medical education in China. Cheng ZF. **Chin Med J [Engl]** 1984 Jun;97(6):435-42

Worthington Hooker (1806-1867): physician and educator. Musto DF. **Conn Med** 1984 Sep;48(9):569-74

Reflections of a dermatology professor. Burnett JW. **Cutis** 1984 May;33(5):471-4

Thomas Young, M.D. (1726?-1783) and obstetrical education at Edinburgh. Hoolihan C. **J Hist Med Allied Sci** 1985 Jul;40(3):327-45

The Abraham Flexner Award for Distinguished Service to Medical Education. Robert J. Glaser, M.D. **J Med Educ** 1985 Feb;60(2):125-6

The history of medicine and medical care in New Brunswick. Reitman N. **J Med Soc NJ** 1984 Sep;81(9):737-9

Neurochemistry and Sherrington's enchanted loom [letter] Harrison DF. **J R Soc Med** 1984 Aug;77(8):706-7

A short historical note on the Conjoint DIH. Archibald RM. **J Soc Occup Med** 1984 Aug;34(3):80

Forty years on when afar and asunder. Pond D. **Lancet** 1984 Nov 10;2(8411):1088

Medical student research in the 1940s. Graham JB. **NC Med J** 1985 Jun;46(6):365-7

The training of a physician in the 20s. Chisholm FR, et al. **NZ Med J** 1985 Jan 23;98(771):13-5

[G. B. Morgagni and his ideas on methodology in medicine] Premuda L. **Sudhoffs Arch** 1984;68(2):173-81 (Eng. Abstr.) **(Ger)**

[30 years of the Academy of Medical Education of East Germany] Ehmann G, et al. **Z Arztl Fortbild (Jena)** 1984; 78(23):969-71 **(Ger)**

[History of the origin of the Berlin University Chair of Public Health] Nabielek R. **Z Gesamte Hyg** 1985 Jan;31(1):16-9 (Eng. Abstr.) **(Ger)**

[Praemii loco: the Halle promotion of Georg Forster (1754-1794) and his Halle circle of contacts] Kaiser W, et al. **Z Gesamte Inn Med** 1985 May 1;40(9):269-76 (Eng. Abstr.) **(Ger)**

[Training of physicians in Warsaw 1807-1830] Wieckowska E. **Wiad Lek** 1984 Nov 1;37(21):1735-9 **(Pol)**

[History of the higher medical education of women in Russia] Vasil'ev KK. **Sov Zdravookhr** 1985;(3):69-72 **(Rus)**

METHODS

Toxathon: a new and effective method of toxicologic education [letter] Litovitz TL. **Am J Emerg Med** 1983 Sep; 1(2):242

STANDARDS

The GPEP Report—a time for change in medical education. Greenberg LW, et al. **Am J Dis Child** 1985 Oct; 139(10):1026-7

American medical education. Has it created a Frankenstein? Iberti TJ. **Am J Med** 1985 Feb;78(2):179-81

There is a contract out on us [editorial] Papper S. **Arch Intern Med** 1985 Jun;145(6):1004-5

A methodology for nutrition curriculum evaluation. Karp R. **Bull NY Acad Med** 1984 Jul-Aug;60(6):585-90

Evaluation of the quality and quantity of nutrition teaching in the curriculum. Shils ME, et al. **Bull NY Acad Med** 1984 Jul-Aug;60(6):591-601

Information science and the general professional education of the physician [letter] **Can Med Assoc J** 1985 Apr 1; 132(7):733, 735

More on the grooves of academe [letter] **Can Med Assoc J** 1985 Aug 15;133(4):265

Medical education and modest expectations. Blackwell B. **Gen Hosp Psychiatry** 1985 Jan;7(1):1-3

An evaluation of rheumatology education at Canadian medical schools. Tannenbaum H, et al. **J Rheumatol** 1985 Apr;12(2):343-6

Medical student abuse [letter] **JAMA** 1984 Dec 7; 252(21):2958-9

Observations on the practice of clinical nutrition in hospitals in China. Heimburger DC. **JPEN** 1984 Nov-Dec; 8(6):628-31

Basic curricular goals in medical ethics. Culver CM, et al. **N Engl J Med** 1985 Jan 24;312(4):253-6

Flexner and Goldmark: why the difference in impact? Garling J. **Nurs Outlook** 1985 Jan-Feb;33(1):26-31

On iron men in wooden ships: some thoughts on house staff training—1984. Rogers DE. **Trans Am Clin Climatol Assoc** 1984;96:212-6

[Evaluation of the quality of the university training of physicians] Medvedskii EN, et al. **Sov Zdravookhr** 1984; (10):43-7 (Eng. Abstr.) **(Rus)**

[Establishment of uniform averages of graduates from medical colleges and schools in Mexico] Márquez Arteaga R, et al. **Rev Invest Clin** 1985 Jan-Mar;37(1):61-4 **(Spa)**

TRENDS

The place of anatomy in the medical curriculum in France: a noble past, a calamitous present, a precarious future [editorial] Kénési C. **Anat Clin** 1984;6(2):65-7

The role of academic medicine in patient education: report of findings and recommendations. Committee on Medicine in Society. Committee on Medical Education. **Bull NY Acad Med** 1985 Mar;61(2):218-24

Specific goals for nutrition teaching 'if I had my way'. Feldman EB. **Bull NY Acad Med** 1984 Jul-Aug; 60(6):573-84

The role of academic medicine in patient education. Implementing change: a view from a medical school. Haynes MA. **Bull NY Acad Med** 1985 Mar;61(2):184-8

Nutrition education for medical students at the University of Maryland. Iber FL. **Bull NY Acad Med** 1984 Jul-Aug; 60(6):627-32

Nutrition teaching at the basic science level. Kesner L. **Bull NY Acad Med** 1984 Jul-Aug;60(6):642-8

The development of goals and objectives for a nutrition teaching program. Levy M, et al. **Bull NY Acad Med** 1984 Jul-Aug;60(6):564-72

The role of academic medicine in patient education. Panel discussion: implementing changes within the academic medical center. Lewis CE, et al. **Bull NY Acad Med** 1985 Mar;61(2):203-11

Clinical nutrition courses at Louisiana State University in New Orleans. Lopez A. **Bull NY Acad Med** 1984 Jul-Aug; 60(6):633-9

Data on nutrition courses and electives from the Regional Nutrition Center. Lowell BC. **Bull NY Acad Med** 1984 Jul-Aug;60(6):613-6

Achieving clinical integration. Pi-Sunyer FX, et al. **Bull NY Acad Med** 1984 Jul-Aug;60(6):653-69

The role of academic medicine in patient education. Implementing change within the academic medical center. Sheps CG. **Bull NY Acad Med** 1985 Mar;61(2):175-83

Summary of Regional Nutrition Center activities. Shils ME. **Bull NY Acad Med** 1984 Jul-Aug;60(6):558-63

Trends in clinical nutrition education. Young EA. **Bull NY Acad Med** 1984 Jul-Aug;60(6):542-57

Medical education: limping toward the 21st century. Waugh D. **Can Med Assoc J** 1985 Jul 1;133(1):56-7

Teaching nursing homes: their impact on public policy, patient care, and medical education. Williams C. **J Am Geriatr Soc** 1985 Mar;33(3):189-95

Update: women in medicine. Heins M. **J Am Med Wom Assoc** 1985 Mar-Apr;40(2):43-50

General surgery—a shrinking specialty [editorial] Chatterjee SK. **J Indian Med Assoc** 1984 Aug;82(8):299-300

Physicians for the twenty-first century. Report of the Project Panel on the General Professional Education of the Physician and College Preparation for Medicine. **J Med Educ** 1984 Nov;59(11 Pt 2):1-208

Alan Gregg memorial lecture. Medical education for the 21st century. Smith LH Jr. **J Med Educ** 1985 Feb;60(2):106-12

Medical schools face challenge of preparing physicians to care for fast-growing elderly population [news] Korcok M. **JAMA** 1985 Mar 1;253(9):1225-7, 1231

A crisis in medical education. Thoughts on listening to a conference on medical education for the 21st century. Warren JV, et al. **JAMA** 1985 Apr 26;253(16):2404-7

Medical education—some thoughts for the future. Buchanan N. **Med J Aust** 1985 Jun 10;142(12): 639-42

Medical economics, ethics, and education: some old wines in new bottles. Hamolsky MW. **NC Med J** 1985 Mar; 46(3):129-35

Humanities in medical education: a career experience. Harrell GT. **Perspect Biol Med** 1985 Spring;28(3):382-401

On the importance of ideals. Barondess JA. **Pharos** 1985 Spring;48(2):2-4

Living, learning, and loopholes. Goodale F. **Pharos** 1985 Summer;48(3):12-4

Past and present. Doing well or doing good? Linenthal AJ. **Pharos** 1985 Winter;48(1):45

[Hospital teaching of oncology] Hoerni B, et al. **Bull Cancer (Paris)** 1985;72(1):1-5 (Eng. Abstr.) **(Fre)**

[Should every medical student become a doctor? A suggestion for a principle structural changes in medical education] Bachmann W. **Fortschr Med** 1985 May 23; 103(20):92-3 **(Ger)**

[Medical study in France. An alternative to education in Germany] Hallek M, et al. **Fortschr Med** 1985 Apr 25; 103(16):88-9 **(Ger)**

[Why is academic education in gerontology and geriatrics necessary?] Kanowski S. **Z Gerontol** 1985 Mar-Apr; 18(2):93-4 (Eng. Abstr.) **(Ger)**

[Gerontologic and geriatric education in the USA] Olbrich E. **Z Gerontol** 1985 Mar-Apr;18(2):95-9 (Eng. Abstr.) **(Ger)**

[Vocation of a teacher of medicine] Aleksandrowicz J. **Przegl Lek** 1984;41(12):685-90 **(Pol)**

[Current goals of medical education and the teaching of social hygiene and public health organization] Ermakov VV, et al. **Sov Zdravookhr** 1984;(9):9-14 (Eng. Abstr.) **(Rus)**

[An all-embracing concern for our successors in science] Zherbin EA. **Vopr Onkol** 1985;31(7):3-7 **(Rus)**

EDUCATION, MEDICAL, CONTINUING

Two active teaching method workshops. Stieglitz P, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:465-7

Continuing dermatologic education. Andragogy or pedagogy? Caplan RM. **Am J Dermatopathol** 1984 Oct; 6(5):507-9

Practice patterns and attitudes toward education among Canadian obstetricians and gynecologists. Mohide PT, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):989-94

Perinatal outreach education. A continuation strategy for a basic program. Kattwinkel J, et al. **Am J Perinatol** 1984 Jul;1(4):335-40

The American connection: entering the U.S.A. for post-fellowship experience. Ronai AK. **Anaesth Intensive Care** 1984 Nov;12(4):372-4

Information needs in office practice: are they being met? Covell DG, et al. **Ann Intern Med** 1985 Oct;103(4):596-9

The effectiveness of continuing medical education in changing the behavior of physicians caring for patients with acute myocardial infarction. A controlled randomized trial. White CW, et al. **Ann Intern Med** 1985 May;102(5):686-92

Training of paediatricians for psychosocial aspects of their work. Graham P, et al. **Arch Dis Child** 1985 Aug; 60(8):777-80

Morning report. A successful format. Pupa LE Jr, et al. **Arch Intern Med** 1985 May;145(5):897-9

Continuing health professional education: objectives and instructional strategies. Batmangelich S, et al. **Arch Phys Med Rehabil** 1984 Nov;65(11):681-6

Doctors, physiotherapists, chiropractors and the issue of spinal manipulation. Murtagh J. **Aust Fam Physician** 1985 Jul;14(7):605

Presidential address: Royal Australian College of Ophthalmologists 16th annual congress,1984. Hornbrook JW. **Aust N Z J Ophthalmol** 1985 Feb;13(1):5-7

What is happening to section 63? Ellis N. **Br Med J [Clin Res]** 1985 May 18;290(6480):1527-8, 1530

Educating the doctor: postgraduate, vocational, and continuing education. Rhodes P. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1808-10

A collaborative report on training in obstetrics and gynecology for family physicians in Canada. Ad hoc committee of the Association of Professors of Obstetrics and Gynaecology of Canada. **Can Med Assoc J** 1984 Dec 15;131(12):1453-5

Priorities for research in continuing medical education: a Canadian perspective [editorial] Curry L, et al. **Can Med Assoc J** 1984 Oct 1;131(7):723-4

Are physicians learning from what they read in journals? Morgan PP. **Can Med Assoc J** 1985 Aug 15;133(4):263

Friendly and competence. Caplan RM. **Iowa Med** 1985 Jun; 75(6):271, 275

Aphorisms. Caplan RM. **Iowa Med** 1985 Feb;75(2):73

The aging of populations: clinical care of the elderly [letter] Schler SH, et al. **J Am Geriatr Soc** 1985 Jul;33(7):509

The MAG Scientific Assembly—Georgia's premier forum for specialty society education. Keener EB. **J Med Assoc Ga** 1984 Sep;73(9):585-8

The impact of two teaching techniques on physicians' knowledge and performance. Greenberg LW, et al. **J Med Educ** 1985 May;60(5):390-6

Impact of a cybernetic system of feedback to physicians on inappropriate hospital use. Studnicki J, et al. **J Med Educ** 1985 Jun;60(6):454-60

Open University course—topics in drug therapy. Gale J. **J R Coll Gen Pract** 1984 Apr;34(261):243-4

Continuing medical education. Millac J. **J R Coll Gen Pract** 1985 Jun;35(275):303-4

DRG's, post-graduate education, and the teaching hospital. Greene FL. **J SC Med Assoc** 1984 Aug;80(8):419-20

Perinatal educational programs and perinatal outcomes. Heins HC Jr, et al. **J SC Med Assoc** 1984 Sep;80(9):431-5

Doctors Across the Sea. A doctor-to-doctor international medical education exchange. Crawshaw R. **JAMA** 1984 Dec 14;252(22):3170-1

Continuing medical education. Osteen A, et al. **JAMA** 1985 Sep 27;254(12):1599-601

Epidemiology for Scottish clinicians [editorial] **Lancet** 1985 Jun 1;1(8440):1256

Laser workshops in neurological surgery. Brown JT, et al. **Lasers Surg Med** 1984;4(3):241–6

Five-day course on clinical leprosy for medical officers . Hyland J. **Lepr Rev** 1984 Dec;55(4):415–20

Teaching and learning away from the medical centre. The potential contribution of new technology to continuing medical education in the United Kingdom (working document). Cairncross RG. **Med Educ** 1985 Jul;19(4):310–7

The use of freeze frame (slow scan) video for health professional education. Dunn EV, et al. **Med Educ** 1985 Mar;19(2):148–52

A training card for microsurgery. Awwad AM. **Microsurgery** 1984;5(3):160

Medical readiness. Yarington CT Jr. **Milit Med** 1985 Mar; 150(3):119–22

The educational value of grand rounds. Richmond DE. **NZ Med J** 1985 Apr 24;98(777):280–2

Continuing education in pediatric dermatology: the role of pediatric and dermatologic journals. Hayden GF. **Pediatr Dermatol** 1983 Jul;1(1):69–73

Continuing medical education: more of an opportunity than a nuisance [editorial] Goldwyn RM. **Plast Reconstr Surg** 1985 Jan;75(1):98–9

Delivering educational programs via telephone: teleconferencing. Anderson P, et al. **Vet Hum Toxicol** 1984; 26 Suppl 2:14–5

Continuing medical education in Barbados. Fraser HS, et al. **West Indian Med J** 1985 Jun;34(2):101–7

[Medical education in the 1985 spring semester. Course catalog] **Ugeskr Laeger** 1985 Jan 21;147:1–144 (Dan)

[Psychogeriatrics in Great Britain—report of the Nottingham course 1984] Bleeker JA, et al. **Tijdschr Gerontol Geriatr** 1985 Feb;16(1):21–5 (Eng. Abstr.) (Dut)

[Certificate of special studies in anesthesia-resuscitation. Study of university re-entry 1983–84] Montagne J. **Cah Anesthesiol** 1984 Sep;32(5):415–8 (Fre)

[Education and continuing education for physicians and medical personnel in nuclear magnetic resonance] Lissner J, et al. **Digitale Bilddiagn** 1984 Sep;4(3):105–7 (Ger)

[For the experienced physician, the construction of an audiovisual podium] Keil TU. **Fortschr Med** 1985 May 2; 103(17):68–9 (Ger)

[Cooperation of the psychotherapist and family physician as a combined teaching and learning process] Bösch J. **Psychother Psychosom Med Psychol** 1985 May;35(5):112–5 (Eng. Abstr.) (Ger)

[Value concepts of psychotherapists, candidates and students] Ermann M, et al. **Psychother Psychosom Med Psychol** 1985 Jul;35(7):189–92 (Eng. Abstr.) (Ger)

[Swiss continuing education meetings for school physicians. An evaluation of preferences for selected subjects] Mühlemann R, et al. **Soz Praventivmed** 1984;29(4–5):227–8 (Eng. Abstr.) (Ger)

[Guidance of the ideological processes as the task of continuing education] Ehmann G. **Z Arztl Fortbild (Jena)** 1985;79(3):97–9 (Ger)

[Creation of a diaclinic for paraclinical case presentation from the technical didactic viewpoint] Kleber H. **Z Hautkr** 1984 Jun 1;59(11):759–65 (Eng. Abstr.) (Ger)

[Postgraduate education of occupational health in U.K. and U.S.A.] Kodama Y, et al. **Sangyo Ika Daigaku Zasshi** 1983 Dec 1;5(4):469–80 (Eng. Abstr.) (Jpn)

[Training in gastroenterologic surgery] Lunde OC, et al. **Tidsskr Nor Laegeforen** 1984 Nov 20;104(32):2260–3 (Eng. Abstr.) (Nor)

[Role of clinical seminars in physician training] Davidovskiĭ LIa. **Klin Med (Mosk)** 1984 Nov;62(11):136–8 (Rus)

[Lecturing at the Institute for Continuing Medical Education] Zinov'ev IP. **Klin Med (Mosk)** 1984 Sep;62(9):149–51 (Rus)

[Teaching traumatology in advanced surgery courses] Vasil'eva OI, et al. **Sov Med** 1984;(8):59–61 (Rus)

[Postgraduate training of medical specialists] Novikov NP, et al. **Voen Med Zh** 1985 Mar;(3):28–9 (Rus)

[Role of the teaching of deontology to therapists in advanced training institutes for physicians] Andrushchenko EV, et al. **Vrach Delo** 1984 Oct;(10):120–1 (Rus)

[The visiting topical lecture series—an efficient form of postgraduate training of epidemiological health specialists] Val'vachev NI, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):112–4 (Rus)

[A course for continuing medical education] Mendoza Hernández S. **Educ Med Salud** 1985;19(2):163–72 (Eng. Abstr.) (Spa)

[Conceptual and methodologic basis for continuing medical education] Treviño-García Manzo N. **Gac Med Mex** 1985 Mar–Apr;121(3–4):167–9 (Spa)

HISTORY

[Centenary of the world's 1st chair for the postgraduate training of pathologicoanatomists (1885–1985)] Simbirtsev SA, et al. **Arkh Patol** 1984;46(12):3–12 (Eng. Abstr.) (Rus)

METHODS

Self-directed learning and medical rehabilitation: a comparison. Currie DM. **Arch Phys Med Rehabil** 1985 Jul; 66(7):454–6

Evaluation of an educational program for primary care practitioners, on the management of osteoarthritis. Stross JK, et al. **Arthritis Rheum** 1985 Jan;28(1):108–11

Criteria-based evaluation and continuing medical education [editorial] Geyman JP. **J Fam Pract** 1985 Feb;20(2):121–2

ORGANIZATION & ADMINISTRATION

AMA's 'Medicine Today' TV program [editorial] Grouse L, et al. **JAMA** 1985 May 3;253(17):2558–9

STANDARDS

It's what you learn after you know it all that really counts. Presidential address. Quilligan EJ, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):833–9

Relationship between quality of CME instruction and changes in physicians' patient-management plans. Cauffman JG, et al. **J Med Educ** 1985 Jun;60(6):486–8

[Thoughts on specialized continuing education for internal medicine based on experiences of the specialist commissions] Straube KH. **Z Gesamte Inn Med** 1985 Feb 15;40(4):90–2 (Eng. Abstr.) (Ger)

TRENDS

Tarnishing the medical profession's image [letter] Sivarajan M. **N Engl J Med** 1985 Apr 25;312(17):1132

CME revisited; why Italy? [editorial] Thomison JB. **South Med J** 1984 Oct;77(10):1219–20

[Continuing medical education is based on the guidance of an authorized physician] Eggstein DG. **Dtsch Med Wochenschr** 1984 Oct 19;109(42):1619–20 (Ger)

[Continuing education of physicians and dentists in East Germany] Berndt H, et al. **Z Arztl Fortbild (Jena)** 1984; 78(16):657–9 (Ger)

[Further education and general practice in the specialty of gastroenterology in Hessen] Classen M, et al. **Z Gastroenterol [Verh]** !985 Apr;20:113–5 (Ger)

[Forms and methods of increasing physicians' qualifications in disability evaluation] Korchagina VG, et al. **Sov Zdravookhr** 1984;(9):40–2 (Rus)

[New technologies in the continuing education of the pediatrician] Argemí Renom J, et al. **An Esp Pediatr** 1984 Oct;21 Suppl 20:33–7 (Spa)

EDUCATION, MEDICAL, GRADUATE

Spatial perception testing in diagnostic radiology. Smoker WR, et al. **AJR** 1984 Nov;143(5):1105–9

Biennial survey of physician clinical nutrition training programs. Heymsfield SB, et al. **Am J Clin Nutr** 1985 Jul; 42(1):152–65

Agreement between the SAC in general surgery and the SAC in urology. Joint Committee on Higher Surgical Training. **Ann R Coll Surg Engl** 1985 May;67(3):199–200

Part-time higher professional training: an analysis of content [letter] Haden RM. **Ann R Coll Surg Engl** 1984 Sep; 66(5):377–8

The MCQ in the primary FRCS(Eng). Lumley JS, et al. **Ann R Coll Surg Engl** 1984 Nov;66(6):441–3

Educational goals and objectives in physical medicine and rehabilitation for the medical school graduate [editorial] Demopoulos JT. **Arch Phys Med Rehabil** 1985 Jan; 66(1):1–2

Rehabilitative rheumatology content in current rehabilitation medicine training programs. Hicks JE, et al. **Arch Phys Med Rehabil** 1985 Sep;66(9):631–3

A survey of registrars undertaking general surgical research in the United Kingdom on 1 October 1983. Dehn TC, et al. **Br J Surg** 1985 Aug;7(8):668–71

Initiatives in the preregistration year (general clinical training) [editorial] Crisp AH. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1764–5

Vocational training needs overhauling. Greig DN. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):973–4

Preregistration rotation including general practice at St Mary's Hospital Medical School. Harris CM, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1811–3

Vaulting over the MRCP (UK) part I hurdle—twice over. Misbah SA. **Br Med J [Clin Res]** 1984 Dec 22–29; 289(6460):1791–2

Educating the doctor: postgraduate, vocational, and continuing education. Rhodes P. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1808–10

Impressions of medicine in India. The push for postgraduate degrees. Richards T. **Br Med J [Clin Res]** 1985 Apr 20; 290(6476):1196–9

An open letter to the chairman of the working party on part time postgraduate training. Roberts S. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):933–5

A survey of postgraduate training for family practice. Curry L, et al. **Can Med Assoc J** 1985 Feb 15;132(4):345–9

Medical teacher and his pedagogical training (experience with Bratislavian system of training the assistants for pedagogical activity in postgraduate education of physicians and pharmacists). Badalík L, et al. **Czech Med** 1984;7(3):129–34

Workshop on postgraduate training in nuclear medicine in Europe. Innsbruck, April 1984, sponsored by the Council of Europe, the Society of Nuclear Medicine Europe and the Medical Faculty of the University of Innsbruck. **Eur J Nucl Med** 1985;10(3–4):185–92

The influence of trainers on trainees in general practice [letter] **Fam Pract** 1984 Sep;1(3):191–6

Training and education in gastroenterology. List of available training programs. **Gastroenterology** 1985 Aug;89(2):453–78

Endoscopic training in the academic GI program. Program Directors Workshop, March 29 and 30, 1984, Atlanta, Georgia. On balance: endoscopic training as part of the academic postgraduate gastroenterology fellowship. Hogan WJ, et al. **Gastrointest Endosc** 1984 Dec;30(6):362–4

A four-cell typology to measure hospital teaching status. Kelly NL. **Inquiry** 1984 Fall;21(3):276–86

Training in therapeutic radiology in the United States, 1984. Cox JD, et al. **Int J Radiat Oncol Biol Phys** 1985 May; 11(5):1045–51

What should be taught in psychogeriatrics: a personal viewpoint. Shulman R. **J Am Geriatr Soc** 1984 Oct; 32(10):758–61

Video recording in paediatric medicine—technique and educational benefits. Menahem S, et al. **J Audiov Media Med** 1984 Oct;7(4):124–6

A comparative evaluation of text formats in a medical school course. Petrusa ER, et al. **J Biocommun** 1985 Feb; 12(1):18–25

The education of future orthopaedists. Enneking WF. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1139–42

Training in epidemiology in India: current status and needs. Sharma RS. **J Indian Med Assoc** 1984 Oct;82(10):382–4

What does a trainee see? Adam J, et al. **J R Coll Gen Pract** 1985 May;35(274):230–4

Open letter to the William Pickles lecturer. Belton A, et al. **J R Coll Gen Pract** 1984 Oct;34(267):551–4

Evaluation of the experiences of trainees seeking employment after completion of their vocational training. North MA. **J R Coll Gen Pract** 1985 Jan;35(270):29–33

The place of the day release course in vocational training. O'Flanagan P. **J R Coll Gen Pract** 1984 Apr;34(261):242

A method of assessment during vocational training: report of a pilot study. Stanley IM, et al. **J R Coll Gen Pract** 1985 Jan;35(270):9–14

DRG's, post-graduate education, and the teaching hospital. Greene FL. **J SC Med Assoc** 1984 Aug;80(8):419–20

Graduate medical education in the United States, 1984–1985. Crowley AE. **JAMA** 1985 Sep 27;254(12):1585–93

The fellowship application process. Lind SE. **JAMA** 1984 Dec 28;252(24):3409–10

Surgical training [letter] Johnson AG. **Lancet** 1985 Mar 9; 1(8428):576

Choice of career of doctors who graduated from Queen's University, Belfast in 1977. Egerton EA. **Med Educ** 1985 Mar;19(2):131–7

Reliability, validity and efficiency of multiple choice question and patient management problem item formats in assessment of clinical competence. Norcini JJ, et al. **Med Educ** 1985 May;19(3):238–47

Training and oncologists' changing attitudes toward their own cancer therapy. Schnaper N, et al. **Med Pediatr Oncol** 1985;13(5):293–7

On priming medical students in medical informatics. Möhr JR, et al. **Methods Inf Med** 1985 Jul;24(3):149–54

Graduate education in plastic surgery: time for a change. Bennett JE. **Plast Reconstr Surg** 1985 Jan;75(1):96–7

A comprehensive support system for reducing house staff distress. Reuben DB, et al. **Psychosomatics** 1984 Nov; 25(11):815–20

Teaching and training in aviation medicine in the United Kingdom. Howard P. **Sangyo Ika Daigaku Zasshi** 1985 Mar 1;7(1):9–25

Training of aerospace medicine physicians. Mohler SR. **Sangyo Ika Daigaku Zasshi** 1985 Mar 1;7(1):1–7

Surgical specialty training and certification in North America: indications for surgical intervention? Geelhoed GW. **South Med J** 1984 Nov;77(11):1428–34

Veterinarians and laboratory animals. **Vet Rec** 1985 Mar 9; 116(10):249

[Postgraduate preparation of psychiatrists for work in ambulatory care] Baštecký J, et al. **Cesk Psychiatr** 1985 Jun;81(3):162–6 (Eng. Abstr.) (Cze)

[Results of a questionnaire survey on the effectiveness of specialization training in social medicine and the organization of health care] Auředníková H, et al. **Cesk Zdrav** 1985 Apr;33(4):151–60 (Eng. Abstr.) (Cze)

[Post-graduate programmed examination in surgery] Knobloch J, et al. **Rozhl Chir** 1984 Dec;63(12):789–92 (Eng. Abstr.) (Cze)

[Curriculum of graduate studies in medicine and surgery: analysis of the graduates in Parma in the academic years 1981–1982 and 1982–1983] Novarini A. **Acta Biomed Ateneo Parmense** 1984;55(3–4):199–204 (Ita)

[Postgraduate education of occupational health in U.K. and U.S.A.] Kodama Y, et al. **Sangyo Ika Daigaku Zasshi** 1983 Dec 1;5(4):469–80 (Eng. Abstr.) (Jpn)

[Training in gastroenterologic surgery] Lunde OC, et al. **Tidsskr Nor Laegeforen** 1984 Nov 20;104(32):2260–3 (Eng. Abstr.) (Nor)

[Postgraduate training of primary health care physicians in internal medicine] Šterkowicz S. **Wiad Lek** 1984 Sep 1; 37(17):1391–5 (Eng. Abstr.) (Pol)

[Medical residency in hospital administration] Kisil M, et al. **Educ Med Salud** 1984;18(3):288–98 (Eng. Abstr.) (Por)

[Various problems in the professional and deontologic instruction of physician-hygienists] Borisenko NF, et al. **Gig Sanit** 1984 Sep;(9):44–6 (Rus)

[Teaching clinical laboratory diagnosis at institutes of advanced training of physicians] Tkach IuI. **Lab Delo** 1985;(3):177-9 (Eng. Abstr.) **(Rus)**

[Advanced training in military medicine] Nedoroslov AG, et al. **Voen Med Zh** 1985 Apr;(4):48-9 **(Rus)**

[A look at the present activity of the Otolaryngology Department at the Institute for the Continuing Education of Physicians and Pharmacists in Bratislava] Stastný B. **Cesk Otolaryngol** 1984 Jun;33(3):190-2 **(Slo)**

ECONOMICS

Workshop III: Graduate medical education in an era of cost containment. **Am J Cardiol** 1985 Aug 23;56(5):72C-75C

The influence of the attending physician on indirect graduate medical education costs. Jones KR. **J Med Educ** 1984 Oct;59(10):789-98

Financing graduate medical education [letter] **N Engl J Med** 1985 Oct 3;313(14):894-7

The indirect costs of graduate medical education. Cameron JM. **N Engl J Med** 1985 May 9;312(19):1233-8

Federal support of graduate medical education. Iglehart JK. **N Engl J Med** 1985 Apr 11;312(15):1000-4

Difficult times ahead for graduate medical education. Iglehart JK. **N Engl J Med** 1985 May 23;312(21):1400-4

A proposal for financing graduate medical education. Petersdorf RG. **N Engl J Med** 1985 May 16;312(20):1322-4

HISTORY

The impact of specialization on health care. Jordan GL Jr. **Ann Surg** 1985 May;201(5):537-44

The Fellowship of Postgraduate Medicine and the Postgraduate Medical Journal [editorial] Hoffbrand BI. **Postgrad Med J** 1985 Jan;61(711):1-2

[The teaching activity of the Psychiatry Department of the Institute for Postgraduate Medical Education] Dušek K. **Cesk Psychiatr** 1985 Jun;81(3):151-5 (Eng. Abstr.) **(Cze)**

[Idealogic basis of postgraduate work in Czechoslovak psychiatry] Janík A. **Cesk Psychiatr** 1985 Jun;81(3):145-50 (Eng. Abstr.) **(Cze)**

[Growth of the Department of Internal Diseases at the S. M. Kirov Leningrad Institute for the Advanced Training of Physicians (on the 100th anniversary of the institute)] Krylov AA. **Klin Med (Mosk)** 1985 Mar;63(3):141-6 **(Rus)**

[Main results of the activities of the Kirov Leningrad Institute for Advanced Training of Physicians (on the centenary of its founding)] Simbirtsev SA. **Sov Zdravookhr** 1985;(4):43-8 **(Rus)**

MANPOWER

The underrepresented in graduate medical education and medical research. Pinn VW. **J Natl Med Assoc** 1984 Sep;76(9):857-62

STANDARDS

A comparative trial of the clinical evaluation exercise. Kroboth FJ, et al. **Arch Intern Med** 1985 Jun;145(6):1121-3

Minimum Standards for Training: A consumer viewpoint. Reynolds M, et al. **Br Med J [Clin Res]** 1985 Jan 5;290(6461):37-8

Restoring the balance between research and medical education [editorial] Ginsburg AD. **Can Med Assoc J** 1984 Nov 15;131(10):1195-6

Trouble in academe. Macklem PT. **Clin Invest Med** 1985;8(1):85-8

Comparison of standards in training and non-training practices. Baker R. **J R Coll Gen Pract** 1985 Jul;35(276):330-2

The case of neurology [letter] **N Engl J Med** 1985 Feb 7;312(6):379-82

A methodology for studying similarities and differences in educational priorities across national lines. Hausman W. **Seishin Shinkeigaku Zasshi** 1985;87(3):149-54

Selection methods and entry criteria for graduate medical education in neurological surgery. King RB. **Surg Neurol** 1985 Apr;23(4):346-9

The universities and medical education: problems and opportunities. McNicol GP. **Verh K Acad Geneeskd Belg** 1984;46(4):295-308

[Thoughts on specialized continuing education for internal medicine based on experiences of the specialist commissions] Straube KH. **Z Gesamte Inn Med** 1985 Feb 15;40(4):90-2 (Eng. Abstr.) **(Ger)**

[Improving the quality of training of specialists in sanitation and hygiene] Borisenko NF, et al. **Gig Sanit** 1985 Feb;(2):25-8 **(Rus)**

[Problems in improving public health management personnel in foreign countries] Ermakov VV, et al. **Sov Zdravookhr** 1984;(10):48-50 **(Rus)**

[Report of the National Cardiology Commission (1978-1983)] **Rev Esp Cardiol** 1984 May-Jun;37(3):157-60 **(Spa)**

[Differential usefulness of various evaluation criteria in the selection of candidates for admission to postgraduate education in medicine] Viniegra L. **Rev Invest Clin** 1985 Jan-Mar;37(1):57-9 **(Spa)**

[Accreditation of postgraduate education at the University of Chile School of Medicine (letter)] Adriazola G, et al. **Rev Med Chil** 1984 Jul;112(7):713-5 **(Spa)**

[Increased coordination of the postgraduate education of the Scandinavian physicians desirable] **Nord Med** 1984;99(8-9):223-8 **(Swe)**

TRENDS

Graduate medical education: a proposal for reform. Quayle D. **Health Aff (Millwood)** 1985 Spring;4(1):89-95

Medical education in the United States: some current problems and an uncertain future. Reitemeier RJ. **Henry Ford Hosp Med J** 1984;32(2):123-30

Recent trends in the award of postgraduate medical degrees by the University of Aberdeen. Ogston D, et al. **Scott Med J** 1984 Apr;29(2):101-3

The humanities in medical education: entering the post-evangelical era. Pellegrino ED. **Theor Med** 1984 Oct;5(3):253-66

[Planning and course of promotion A—counseling for doctoral candidates] Dittmer A. **Z Arztl Fortbild (Jena)** 1984;78(19):833-5 **(Ger)**

[Requests for change in professional direction—selected results with special reference to occupational medicine aspects] Krüger W, et al. **Z Gesamte Hyg** 1984 Dec;30(12):744-5 (Eng. Abstr.) **(Ger)**

[Experience in educating public health organizers in the advanced training department of a medical school] Lekarev LG, et al. **Sov Zdravookhr** 1984;(10):38-40 **(Rus)**

EDUCATION, MEDICAL, UNDERGRADUATE

EMT training for medical students. Goodenberger D, et al. **Am J Emerg Med** 1985 May;3(3):240-3

Teaching epidemiology to the medical student. Waters WE. **Ann Acad Med Singapore** 1984 Apr;13(2):272-6

Objective structured clinical examination compared with other forms of student assessment. Smith LJ, et al. **Arch Dis Child** 1984 Dec;59(12):1173-6

Clinical orthodontic experience of Liverpool undergraduates. Pender N, et al. **Br J Orthod** 1985 Jul;12(3):114-6

Resuscitation needed for the curriculum? [letter] **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1822-3

Resuscitation needed for the curriculum? [editorial] Baskett PJ. **Br Med J [Clin Res]** 1985 May 25;290(6481):1531-2

Resuscitation needed for the curriculum [letter] Casey WF. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):484-5

Twelve new doctors for Nepal. Dickinson J. **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1715-7

Do locum duties help or hinder acquisition of clinical knowledge by final year medical students? Goldman M, et al. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):314

Teaching terminal care at Queen's University of Belfast. I—Course, sessional educational objectives, and content. Irwin WG. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1509-11

Teaching terminal care at Queen's University of Belfast. II—Teaching arrangements and assessment of topic. Irwin WG. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1604-5

Medical education in India—in poor health. Richards T. **Br Med J [Clin Res]** 1985 Apr 13;290(6475):1132-5

Undergraduate general practice teaching in the University of Bristol. Philipp R. **Bristol Med Chir J** 1984 Oct;99(372):104-6

The role of the department of surgery in undergraduate education. Development of the undergraduate teacher. Danzinger RG. **Can J Surg** 1985 Jul;28(4):354-5

Organization of the department of surgery to facilitate undergraduate education. Provan JL. **Can J Surg** 1985 Jul;28(4):349-51

How much science should there be in the premedical curriculum? [editorial] Morgan PP. **Can Med Assoc J** 1984 Oct 1;131(7):711-2

Information science and the general professional education of the physician. Morgan PP. **Can Med Assoc J** 1984 Dec 15;131(12):1428-9

Evaluation of a hands-on workshop as a teaching tool for critical care medicine. Samra SK, et al. **Crit Care Med** 1985 Mar;13(3):206-7

Epidemiology for medical students: a course relevant to clinical practice. Fowkes FG, et al. **Int J Epidemiol** 1984 Dec;13(4):538-41

Epidemiology for medical students: a controlled trial of three teaching methods. Gehlbach SH, et al. **Int J Epidemiol** 1985 Mar;14(1):178-81

Systematic evaluation and increased structure in a radiology elective. Blane CE, et al. **Invest Radiol** 1985 May-Jun;20(3):242-5

Ten years' experience teaching geriatric medicine. Galinsky D. **Isr J Med Sci** 1985 Mar;21(3):249-53

Changing medical students' attitudes and professional behavior toward mental patients as a function of psychiatric clerkship. Neumann M, et al. **Isr J Psychiatry Relat Sci** 1984;21(4):235-46

Geriatric education: what the medical schools are doing now. Barry PP, et al. **J Am Geriatr Soc** 1985 Feb;33(2):133-5

The attitudinal impact of training in gerontology/geriatrics in medical school: a review of the literature and perspective. Coccaro EF, et al. **J Am Geriatr Soc** 1984 Oct;32(10):762-8 (56 ref.)

What should be taught in psychogeriatrics: a personal viewpoint. Shulman R. **J Am Geriatr Soc** 1984 Oct;32(10):758-61

Audiovisual materials and the telephone: medical teaching at a distance. Marshall RJ, et al. **J Audiov Media Med** 1985 Apr;8(2):66-71

Videotapes for teaching clinical methods: medial students' response to a pilot project. Mir MA, et al. **J Audiov Media Med** 1985 Jul;8(3):90-3

Interactive television for distance learning. Williams AR. **J Audiov Media Med** 1985 Apr;8(2):57-64

Radiation oncology—the misunderstood specialty. Wong F, et al. **J Can Assoc Radiol** 1984 Jun;35(2):144-8

Clinic simulation and preclinical performance. Green TG, et al. **J Dent Educ** 1984 Dec;48(12):665-8

Alcoholism curriculum development: an examination of the process. Coggan PG, et al. **J Fam Pract** 1984 Oct;19(4):527-32

Self-evaluation in undergraduate medical education: a longitudinal perspective. Arnold L, et al. **J Med Educ** 1985 Jan;60(1):21-8

Evaluating continuity and comprehensiveness of care in an elective family practice clerkship. Beasley JW, et al. **J Med Educ** 1985 Apr;60(4):320-9

Multidisciplinary team production of computer-based simulations to teach pediatrics. Bidwell CM, et al. **J Med Educ** 1985 May;60(5):397-403

The reduced load as a remedial program to increase retention of first-year medical students. Ficklin FL, et al. **J Med Educ** 1985 May;60(5):406-8

Integrating cost awareness with ethics in the undergraduate medical curriculum. Garland MJ. **J Med Educ** 1985 Jan;60(1):44-52

Perceptions of medical school faculty members and students on clinical clerkship feedback. Gil DH, et al. **J Med Educ** 1984 Nov;59(11 Pt 1):856-64

The role of the student ward in the medical clerkships. Goldstein DA, et al. **J Med Educ** 1985 Jul;60(7):524-9

Student-directed teaching of medical ethics at a Canadian medical school. Hayward RS, et al. **J Med Educ** 1985 May;60(5):384-9

Gaining knowledge of geriatric medicine in the medicine clerkship. Holmes FF, et al. **J Med Educ** 1985 Sep;60(9):723-5

Teaching laboratory test use [editorial] Kassebaum DG. **J Med Educ** 1985 May;60(5):420-1

Status and teaching ability of preceptors in a first-year clinical course. Margolis CF, et al. **J Med Educ** 1985 May;60(5):410-2

Use of a rotating 'minicourse' in clinical clerkships. Rochelson BL, et al. **J Med Educ** 1985 Mar;60(3):195-7

A community medicine clerkship on the Navajo Indian reservation. Rogers KD, et al. **J Med Educ** 1984 Dec;59(12):937-43

George Swift lecture. The world turned upside down: proposals for community-based undergraduate medical education. Hart JT. **J R Coll Gen Pract** 1985 Feb;35(271):63-8

Undergraduate medical education. Crowley AE, et al. **JAMA** 1985 Sep 27;254(12):1565-72

Teaching physicians to practice what they will preach [letter] Elmore JG, et al. **JAMA** 1985 May 24-31;253(20):2958-9

Medical education in facilities for the elderly. Impact on medical students, facility staff, and residents. Woolliscroft JO, et al. **JAMA** 1984 Dec 28;252(24):3382-5

Tromsø: lessons from a new curriculum. Nordøy A. **Lancet** 1985 Aug 31;2(8453):485-7

Selection and training of physicians at Mayo Medical School for the 21st century. Kiely JM. **Mayo Clin Proc** 1985 Sep;60(9):633-5

A tutor programme in obstetrics and gynaecology. Beckmann CR, et al. **Med Educ** 1984 Nov;18(6):443-5

Common errors in the statement of the present illness. Benbassat J. **Med Educ** 1984 Nov;18(6):417-22

Moral reasoning as a criterion for admission to medical school. Benor DE, et al. **Med Educ** 1984 Nov;18(6):423-8

The effects of Southampton's community experiences on student learning. Coles CR. **Med Educ** 1985 May;19(3):196-8

Differences between conventional and problem-based curricula in their students' approaches to studying. Coles CR. **Med Educ** 1985 Jul;19(4):308-9

Community-oriented medical education: comparison of tracks in Mexico and New Mexico. Cortes MT, et al. **Med Educ** 1985 May;19(3):199-207

Aspects of the content versus process debate in medical education. Doran GA. **Med Educ** 1984 Nov;18(6):401-5

Population studies: an integrated course in epidemiology and sociology for medical students. Elford J, et al. **Med Educ** 1985 May;19(3):208-13

Curriculum reform: has it missed its mark? Ewan C. **Med Educ** 1985 Jul;19(4):266-75

Formal instruction in United Kingdom medical schools about death and dying. Field D. **Med Educ** 1984 Nov;18(6):429-34

Education of medical students in relation to drug development, safety and efficacy. George CF, et al. **Med Educ** 1985 Jul;19(4):320-5

Curriculum evaluation: status and options. El-Hazmi MA, et al. **Med Educ** 1985 Jan;19(1):48-53

The effect of a checklist on medical students' exposures to practical skills. Hunskaar S, et al. **Med Educ** 1984 Nov;18(6):439-42

Does medical training affect personality? Huxham GJ, et al. **Med Educ** 1985 Mar;19(2):118-22

Oral examinations in medical education. Jayawickramarajah PT. **Med Educ** 1985 Jul;19(4):290-3

Communication skills teaching, learning and assessment. Knox JD, et al. **Med Educ** 1985 Jul;19(4):285–9

Pre-admission academic predictors of the goals of a primary care-oriented medical school. Markert RJ. **Med Educ** 1985 Jan;19(1):9–12

Evaluation and consequences of teaching competence: Scandinavian developments. Mårtenson D, et al. **Med Educ** 1984 Nov;18(6):394–400

Medical chemistry: evaluation of active and problem-oriented teaching methods. Mårtenson D, et al. **Med Educ** 1985 Jan;19(1):34–42

The learning style of medical students. Newble DI, et al. **Med Educ** 1985 Jan;19(1):3–8

The clinical learning environments in medicine, paediatrics and surgery clerkships. Patel VL, et al. **Med Educ** 1985 Jan;19(1):54–60

Spatial learning disabilities and underachievement among university anatomy students. Rochford K. **Med Educ** 1985 Jan;19(1):13–26

'Condition diagramming': a new approach to teaching clinical integration. Russell IJ. **Med Educ** 1985 May;19(3):220–5

Primary health care in European medical education: a survey. Walton HJ. **Med Educ** 1985 May;19(3):167–88

The use as a learning resource of the community in which the medical school is situated: the Medical School, Southampton. Weller RO. **Med Educ** 1985 May;19(3):189–95

Baragwanath Hospital. Carter T. **Med J Aust** 1985 Apr 29;142(9):515–6

The art of bicycle propulsion. A personal view of medical education. Hutchison R. **Med J Aust** 1984 Nov 10;141(10):663–4

Can you come with me? The student in the student-teacher relationship. Hutchison R. **Med J Aust** 1984 Dec 8–22;141(12–13):870–1

What and how? Rural teaching of sixth-year undergraduates in Northampton, WA. Hutchison R. **Med J Aust** 1984 Nov 24;141(11):713–4

Student elective [editorial] Saltman D. **Med J Aust** 1985 Apr 29;142(9):498

Radiology in the undergraduate curriculum: 1984 update. Syme J, et al. **Med J Aust** 1985 Jun 10;142(12):652–3

Bangladesh—a confrontation with reality. Vora R. **Med J Aust** 1985 Apr 29;142(9):516–7

Medical students' concepts of childhood cancer and its management. Hays DM, et al. **Med Pediatr Oncol** 1985;13(2):78–82

The Rutgers experience: one perspective on service-education collaboration. Joel L. **Nurs Outlook** 1985 Sep–Oct;33(5):220–4

Teaching leadership in nontraditional settings. Oechsle LH, et al. **Nurs Outlook** 1984 Nov–Dec;32(6):313–5

Where are we . . . and where do we go from here? Viewpoints from six Ohio students. Edwards KS, et al. **Ohio State Med J** 1984 Sep;80(9):661–9

Where are we . . . and where do we go from here? An overview from the deans of Ohio's six allopathic medical schools. Edwards KS, et al. **Ohio State Med J** 1984 Sep;80(9):651–60

Switch. An investigation of change during medical school. Markert RJ, et al. **Ohio State Med J** 1984 Sep;80(9):646–9

Undergraduate attitudes to exposure to an NHS resource allocation problem. McEvoy M, et al. **Public Health** 1985 May;99(3):178–82

Teaching medical students epidemiology: utilizing a state health department. Novick LF, et al. **Public Health Rep** 1985 Jul–Aug;100(4):401–5

Clinical radiographs of the cadaver as a teaching aid in anatomy. Pantoja E, et al. **Radiology** 1985 Apr;155(1):28

Radiology should be a required part of the medical school curriculum. Squire LF, et al. **Radiology** 1985 Jul;156(1):243–4

An analysis of the fourth year of medical school. Smith SR. **RI Med J** 1984 Dec;67(12):545–7

A comparison of traditional assessment with the objective structured clinical examination (OSCE). Coovadia HM, et al. **S Afr Med J** 1985 May 17;67(20):810–2

Student attachment to a general practice in Cape Town. A report of 5 years' experience. Levenstein S. **S Afr Med J** 1984 Oct 6;66(14):535–7

The undergraduate student and the study of ophthalmology. van Selm J. **S Afr Med J** 1985 Aug 17;68(4):206–8

Aims and attitudes—teaching primary health care at UCT. Whittaker DE. **S Afr Med J** 1985 Aug 17;68(4):258–9

Occupational health in Japan—the future role of UOEH. McDonald JC. **Sangyo Ika Daigaku Zasshi** 1984 Jun 1;6(2):209–19

The risk-benefit ratio in medical hero-worship. Owen JA Jr. **Va Med** 1984 Nov;111(11):682–7

[Teaching social medicine in the 6th year of study of general medicine at a medical school] Nováková H. **Cesk Zdrav** 1984 Jul;32(6–7):248–51 (Eng. Abstr.) **(Cze)**

[Experimental medical biology in the Utrecht State University curriculum] Görts CP. **Ned Tijdschr Geneeskd** 1985 Jan 5;129(1):29–30 **(Dut)**

[Health sciences, a new course of study at the Leiden State University] Jansen FA. **Ned Tijdschr Geneeskd** 1984 Dec 22;128(51):2415–7 **(Dut)**

[Experimental course of study, General Medicine, at the Catholic University of Nijmegen] Wouters PA, et al. **Ned Tijdschr Geneeskd** 1984 Dec 29;128(52):2462–4 **(Dut)**

[Gerontophobia and medical education] Mulder JD. **Tijdschr Gerontol Geriatr** 1984 Dec;15(6):227–9 (Eng. Abstr.) **(Dut)**

[Clinical decisions under uncertainty: a proposal for an undergraduate course in medicine] Ben-Bassat J, et al. **Harefuah** 1985 Apr 1;108(7):353–7 (Eng. Abstr.) **(Heb)**

[Training in practical procedures in undergraduate medical education] Hunskår S. **Tidsskr Nor Laegeforen** 1985 Jan 20;105(2):152–4 (Eng. Abstr.) **(Nor)**

[The first surgical term. Practical procedures—medical students' experiences] Hunskår S. **Tidsskr Nor Laegeforen** 1985 Jan 20;105(2):154–6 (Eng. Abstr.) **(Nor)**

[Experiences from American medical education. Is there something to learn?] Stuge OR. **Tidsskr Nor Laegeforen** 1985 Jan 20;105(2):156–9 (Eng. Abstr.) **(Nor)**

[Examination by test as an objective method for the evaluation of students' knowledge of gynecology] Strizhakov AN, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):76–7 **(Rus)**

[Substantiation of the optimal method of self-training of medical students in hygiene at home] Omel'ianets NI, et al. **Gig Sanit** 1985 Feb;(2):34–6 **(Rus)**

[Teaching the fundamentals of pharmacogenetics in a medical school] Skakun NP. **Klin Med (Mosk)** 1985 Mar;63(3):132–5 **(Rus)**

[Scientific basis of the curator's activities in students' groups] Bykova LA, et al. **Pediatriia** 1985 Feb;(2):65–7 **(Rus)**

[Educational role of social organizations in the training of students of pediatrics] Voropaeva NM, et al. **Pediatriia** 1985 Feb;(2):62–5 **(Rus)**

[Organization of subinternship and internship training of internists] Bezrodnykh AA, et al. **Sov Med** 1985;(4):60–4 **(Rus)**

[Teaching methods of the physical examination of patients] Kaganov AL, et al. **Sov Med** 1984;(10):58–61 **(Rus)**

[Organization of the professional practice of students] Godun BS, et al. **Sov Zdravookhr** 1985;(3):56–9 **(Rus)**

[Educational and occupational collectives in students' summer professional practice] Osin AIa, et al. **Sov Zdravookhr** 1985;(3):52–6 (Eng. Abstr.) **(Rus)**

[Structure, ideological, moral and deontologic content of the introductory lecture of the department of otorhinolaryngology] Shanturov AG. **Vestn Otorinolaringol** 1984 Nov–Dec;(6):78–81 (Eng. Abstr.) **(Rus)**

[Teaching biochemistry in medical schools] Alimova EK. **Vopr Med Khim** 1984;30(6):120–1 **(Rus)**

[Unresolved problems of teaching biochemistry in medical institutes] Bachinskiĭ PP. **Vopr Med Khim** 1984;30(6):121–3 **(Rus)**

[Teaching biochemistry in medical institutes] Kuzhiman MI. **Vopr Med Khim** 1984;30(6):124 **(Rus)**

[Current problems in teaching biochemistry in medical institutes] Livshits RI. **Vopr Med Khim** 1984;30(6):124–6 **(Rus)**

[Teaching of biochemistry in a medical school] Prokopenko LG. **Vopr Med Khim** 1985 Jan–Feb;31(1):134–6 **(Rus)**

[Value of scientific research work of students in the training of medical personnel] Vasilenko IV, et al. **Vrach Delo** 1985 May;(5):118–9 **(Rus)**

[Symposium on the teaching of epidemiology and microbiology at various medical school faculties] **Zh Mikrobiol Epidemiol Immunobiol** 1984 Jul;(7):55–75 **(Rus)**

[What is undergraduate training in neurology like?] Bartko D. **Cesk Neurol Neurochir** 1985 Jul;48(4):197–200 **(Slo)**

[Medical care, medical education, and the job market for physicians: internship in Mexico] Frenk J. **Educ Med Salud** 1984;18(4):329–43 (Eng. Abstr.) **(Spa)**

ECONOMICS

A cost-effective emergency medicine clerkship. Shesser R, et al. **J Med Educ** 1985 Apr;60(4):288–92

HISTORY

[Clandestine medical education in Cracow] Walter FK. **Przegl Lek** 1985;42(1):64–6 **(Pol)**

ORGANIZATION & ADMINISTRATION

Contract for educational services between a college of pharmacy and private hospitals. Klepcyk JC, et al. **Am J Hosp Pharm** 1984 Oct;41(10):2056–60

STANDARDS

The GPEP Report: II. Clinical education [editorial] Barondess JA. **Ann Intern Med** 1985 Aug;103(2):286–8

Standards in Soviet medical institutes. Ryan M. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):530–1

Educating the doctor: basic medical education. Walton J. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1719–22

Psychiatric interviewing and clinical skills. Pollock DC, et al. **Can J Psychiatry** 1985 Feb;30(1):64–8

Evaluation of surgical faculty and surgical undergraduate teaching. Postuma R. **Can J Surg** 1985 Jul;28(4):351–4

Undergraduate education in surgery: a challenge. Provan JL. **Can J Surg** 1985 Mar;28(2):101–2

Relationship between subject examination scores in clerkships and academic and demographic factors. Leonardson GR, et al. **J Med Educ** 1985 Sep;60(9):719–21

Impact of an intervention program on minority medical students' National Board Part I performance. Frierson HT Jr. **J Natl Med Assoc** 1984 Dec;76(12):1185–90

Undergraduate education in the medical specialties: the case of neurology. Menken M, et al. **N Engl J Med** 1984 Oct 18;311(16):1045–8

Factors affecting the reliability of an objective structured clinical examination (OSCE) test in neurology. Gledhill RF, et al. **S Afr Med J** 1985 Mar 23;67(12):463–7

Equitable evaluation in the teaching of integrated clinical medicine. Pretorius JP, et al. **S Afr Med J** 1985 Feb 16;67(7):254–5

The quality of surgical clerkships. Holden WD. **Surgery** 1985 Jun;97(6):731–6

Assessment of medical student fund of knowledge in surgery. Lawrence PF, et al. **Surgery** 1985 Jun;97(6):745–9

Oral examinations: actual and perceived contributions to surgery clerkship performance. Zelenock GB, et al. **Surgery** 1985 Jun;97(6):737–44

The seed-corn. Archer DB. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):211–7

The universities and medical education: problems and opportunities. McNicol GP. **Verh K Acad Geneeskd Belg** 1984;46(4):295–308

[Modification of objectives in the education of the basic physician in Rotterdam (1973–1983)] Dokter HJ. **Ned Tijdschr Geneeskd** 1984 Aug 25;128(34):1625–8 **(Dut)**

[Instruction of students at the I. M. Sechenov 1st Moscow Medical Institute] Sychenikov IA, et al. **Sov Med** 1984;(12):75–8 **(Rus)**

[Improving the training of medical students in medical schools] Isakov AIu. **Sov Zdravookhr** 1984;(8):48–51 **(Rus)**

TRENDS

Medical education in Canada: the situation in 1984. de Guise Vaillancourt. **Med Educ** 1985 Jul;19(4):318–9

Trends of medical education in Japan. Ushiba D. **Med Educ** 1985 Jul;19(4):258–65

Medical education: past, present, and future. Sandson JI. **RI Med J** 1984 Dec;67(12):537–42

Clinical clerkships in professional education: a study in pharmacy and other ancillary professions. Broadhead RS, et al. **Soc Sci Med** 1985;20(3):231–40

[The necessity of teaching medical Latin] Szela S. **Wiad Lek** 1984 Jul 15;37(14):1145–7 **(Pol)**

[Experience in optimizing the teaching of histology] Kimbarovskaia EM, et al. **Arkh Anat Gistol Embriol** 1985 May;88(5):92–3 **(Rus)**

[Medical aspects of teaching histology] Klishov AA, et al. **Arkh Anat Gistol Embriol** 1984 Sep;87(9):91–6 **(Rus)**

[Methodologic trends in teaching histology, cytology and embryology in medical universities and in the medical colleges of universities] Knorre AG, et al. **Arkh Anat Gistol Embriol** 1984 Aug;87(8):86–9 **(Rus)**

[New trends in teaching social hygiene in medical schools in Czechoslovakia] Filip M. **Sov Zdravookhr** 1985;(3):60–2 **(Rus)**

EDUCATION, NURSING

At issue: titling and licensure. Hood G. **Am J Nurs** 1985 May;85(5):592, 594

Perioperative nursing goes to college. Rothrock JC. **AORN J** 1984 Dec;40(6):873–7

Nurses' education [editorial] Chapman CM. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):295–6

Contemporary challenges in education for the caring professions: education for nursing, midwifery, and health visiting. McFarlane J. **Br Med J [Clin Res]** 1985 Jul 27;291(6490):268–71

Teaching ward nurses to monitor cancer patients. Faulkner A, et al. **Clin Oncol** 1984 Dec;10(4):383–9

Training of personnel for infection control in Germany. Thimm BM. **Infect Control** 1984 Aug;5(8):395–8

Nurse-patient communication skills in Northern Ireland—the educational problems. Eastwood CM. **Int J Nurs Stud** 1985;22(2):99–104

From apprenticeship to study—the development of nursing education in Norway. Fagermoen MS. **Int J Nurs Stud** 1984;21(3):165–75

The concept and practice of preceptorship in contemporary nursing: a review of pertinent literature. Shamian J, et al. **Int J Nurs Stud** 1985;22(2):79–88

The international implications of nursing education and practice. Gosnell DJ. **Int Nurs Rev** 1985 Jul–Aug;32(4):105–8

Sharing nursing curriculum with other countries—the need for adaptation. Mooneyhan EL, et al. **Int Nurs Rev** 1984 Sep–Oct;31(5):139–44

An examination of research priorities in nurse education. Rodgers JM. **J Adv Nurs** 1985 May;10(3):233–6

Creating colleges of nursing and midwifery in Scotland. Thompson B. **J Adv Nurs** 1985 Jan;10(1):85–7

Janforum. Health care and nursing in the People's Republic of China. Ying LJ, et al. **J Adv Nurs** 1985 May;10(3):279–84

Independent study in nursing education. Bartol G. **J Nurs Educ** 1984 Sep;23(7):304–6

The clinical contract—an approach to competency-based clinical learning and evaluation. Beare P. **J Nurs Educ** 1985 Feb;24(2):75–7

The use of assertiveness training in the clinical environment. Bergman PE. **J Nurs Educ** 1985 Jan;24(1):33-5
An integrated curriculum: idealism or pragmatism? Clearage DK. **J Nurs Educ** 1984 Sep;23(7):308-10
Modification of a simulation game for use in a large group setting. Eakes GG, et al. **J Nurs Educ** 1985 Apr;24(4):170-1
Theory: basis for the study and practice of nursing education. Fawcett J. **J Nurs Educ** 1985 Jun;24(6):226-9
Looking at teaching through the nursing process. Frisbie DA. **J Nurs Educ** 1984 Nov;23(9):401-3
In defense of the integrated curriculum. Grady C. **J Nurs Educ** 1984 Sep;23(7):322-3
Teaching power concepts. Heineken J, et al. **J Nurs Educ** 1985 Jan;24(1):40-2
Somewhere in the land of curriculum revision. Lemaire GS. **J Nurs Educ** 1985 May;24(5):218
Computer-aided instruction: overview and relevance to nursing education. Mahr DR, et al. **J Nurs Educ** 1984 Oct;23(8):366-8
An instrument for analyzing curriculum materials in nursing. Oermann M. **J Nurs Educ** 1984 Nov;23(9):404-6
Glaucoma and cataracts: a nurse-patient simulation for nursing students. Reichman SL, et al. **J Nurs Educ** 1984 Sep;23(7):314-5
Interactive clinical conferences: nursing rounds and education imagery. Skurski V. **J Nurs Educ** 1985 Apr;24(4):166-8
A new look at nursing school program development: self- and external evaluation. Workman LL, et al. **J Nurs Educ** 1985 May;24(5):187-91
Degrees and professionalism [letter] **J Obstet Gynecol Neonatal Nurs** 1985 Mar-Apr;14(2):80, 119
The world of psychosocial nursing. Connie Holleran: Executive Director International Council of Nurses [interview] Holleran C. **J Psychosoc Nurs Ment Health Serv** 1984 Nov;22(11):33-7
Group testing and its effectiveness in learning selected nursing concepts. Durrant LK, et al. **J R Soc Health** 1985 Jun;105(3):107-11
Genetics in basic nurs[illegible] program curricula: a national survey. Monsen RB. **Matern Child Nurs J** 1984 Fall;13(3):177-85
Why nursing education needs curriculum specialists. Anderson JC. **Nurs Outlook** 1985 Mar-Apr;33(2):96-7
The feedback lecture method: stimulating active learning. Pinkava B. **Nurs Outlook** 1985 Sep-Oct;33(5):258, 257
Report of the workshop on education. Wolstenholme G. **Prog Clin Biol Res** 1985;163C:359-62
The impact of advanced life support training for nursing personnel in an outpatient renal dialysis center. Chazan JA, et al. **RI Med J** 1984 Nov;67(11):503-4
Stressful episodes reported by first-year student nurses: a descriptive account. Parkes KR. **Soc Sci Med** 1985;20(9):945-53
Education and training of nurse teachers and managers with special regard to primary health care. Report of a WHO Expert Committee. **WHO Tech Rep Ser** 1984;708:1-54
[Ways of improving the training of nurses] Semenkov NN. **Sov Zdravookhr** 1985;(2):41-4 **(Rus)**
[Tuberculin test: errors in injection and interpretation of the Mantoux test. Evaluation of a training course] Agud Aparicio JM, et al. **Med Clin (Barc)** 1985 May 25;84(20):814-8 (Eng. Abstr.) **(Spa)**

ECONOMICS

Does the 1985 nursing education proposal make economic sense? Stevens BJ. **Nurs Outlook** 1985 May-Jun;33(3):124-7

HISTORY

Education for a profession: some lessons from history (Florence Nightingale). Prince J. **Int J Nurs Stud** 1984;21(3):153-63
The client base of nursing, 1920-1930. Matejski MP. **J Nurs Educ** 1985 Mar;24(3):109-14
[Nursing education of girl scouts in occupied Kielce district] Kolodziejczyk B. **Przegl Lek** 1985;42(1):66-72 **(Pol)**

LEGISLATION & JURISPRUDENCE

The Nurse Training Act: a historical perspective. Miller PG. **ANS** 1985 Jan;7(2):47-65

MANPOWER

The effective training of nurses: manpower implications. Reid NG. **Int J Nurs Stud** 1985;22(2):89-98

STANDARDS

Education standards for critical care nursing: conceptual framework. Kuhn RC, et al. **Heart Lung** 1985 Mar;14(2):187-90
The European dimension. Walsh JJ. **J Adv Nurs** 1985 Jan;10(1):87-8
Data base management for nursing education. One school's experience with System 1022. Vermeersch PE, et al. **J Med Syst** 1985 Apr;9(1-2):69-77
The improvement of instruction in the clinical area: a challenge waiting to be met. McCabe BW. **J Nurs Educ** 1985 Jun;24(6):255-7
Flexner and Goldmark: why the difference in impact? Garling J. **Nurs Outlook** 1985 Jan-Feb;33(1):26-31
The covert curriculum. Pitts TP. **Nurs Outlook** 1985 Jan-Feb;33(1):37-9, 42

TRENDS

Time to talk about licensure [editorial] Mallison MB. **Am J Nurs** 1984 Nov;84(11):1353
Development in nursing education. **Int J Nurs Stud** 1984;21(3):151-227
Development of a nursing knowledge base in the life sciences: problems and prospects. Akinsanya JA. **Int J Nurs Stud** 1984;21(3):221-7
A broad overview of developments in nursing education and their implications for the delivery of nursing care. Collins SM. **Int J Nurs Stud** 1984;21(3):201-8
Nursing education in New Zealand: a developmental perspective. Kinross NJ. **Int J Nurs Stud** 1984;21(3):193-9
Blueprint for change: an overview of developments in nursing education in Australia. Parkes ME. **Int J Nurs Stud** 1984;21(3):177-82
Nursing education in Turkey: past and present. Uyer G. **Int J Nurs Stud** 1984;21(3):209-19
Nursing education: the move from hospital schools of nursing--an historical perspective. Wood V. **Int J Nurs Stud** 1984;21(3):183-92
A case study of the educational future of the nursing section of the Institute of Medical and Health Care, Hong Kong Polytechnic. Keyzer DM, et al. **J Adv Nurs** 1985 May;10(3):251-60
Effects of andragogical educational experience on andragogical orientation of nurses. Hyman RB, et al. **Psychol Rep** 1984 Dec;55(3):829-30

EDUCATION, NURSING, ASSOCIATE

A learner analysis experiment: cognitive style versus learning style in undergraduate nursing education. Cranston CM, et al. **J Nurs Educ** 1985 Apr;24(4):136-8
The relationship of selected admission criteria to the academic success of associate degree nursing students. Oliver DH. **J Nurs Educ** 1985 May;24(5):197-206
Statement on associate degree nursing [letter] Waidowaicz EK. **Nurs Outlook** 1985 Sep-Oct;33(5):254

STANDARDS

A comparison of Professional Performance Examination scores of graduating associate and baccalaureate degree nursing students. McMillan SC. **Res Nurs Health** 1985 Jun;8(2):167-72

EDUCATION, NURSING, BACCALAUREATE

Top schools' top texts. Fonseca JD. **Am J Nurs** 1985 Jun;85(6):666-70
RN to BSN: a degree of difficulty. Lonborg RE. **Am J Nurs** 1984 Oct;84(10):1297-8, 1300
Intraoperative nursing: developing an elective. Nelson JC. **AORN J** 1984 Oct;40(4):564-5
Nursing education [letter] Besel L. **Dimens Health Serv** 1985 Jan;62(1):40
Integration or separation gerontological nursing education? Brower HT, et al. **Gerontol Geriatr Educ** 1984-85 Winter;5(2):45-53
The Neuman Systems Model in nursing education: course development and implementation. Bourbonnais FF, et al. **J Adv Nurs** 1985 Mar;10(2):117-23
Advanced nursing education. Chapman CM. **J Adv Nurs** 1985 Jan;10(1):88-90
Creative nursing: processive care and more? Skeet M, et al. **J Adv Nurs** 1985 Jan;10(1):15-24
Microcomputers enhance student health fairs. Ahijevych K, et al. **J Nurs Educ** 1985 Jan;24(1):16-20
A comprehensive interpersonal skills program for nurses. Anderson M, et al. **J Nurs Educ** 1984 Oct;23(8):353-5
Defining scholarly activity in nursing education. Baird SC, et al. **J Nurs Educ** 1985 Apr;24(4):143-7
Can the generic curriculum function for the returning RN student? Baj PA. **J Nurs Educ** 1985 Feb;24(2):69-71
Demographic characteristics of RN and generic students: implications for curriculum. Baj PA. **J Nurs Educ** 1985 Jun;24(6):230-6
Faculty practice policy. Bellinger K, et al. **J Nurs Educ** 1985 May;24(5):214-6
Systematic faculty evaluation: a growing critical concern. Bobbitt KC. **J Nurs Educ** 1985 Feb;24(2):86-8
Follow the leader: a learning exercise. Brandt MA, et al. **J Nurs Educ** 1985 Apr;24(4):139-42
Professional nursing education: what is its purpose? Butterfield SE. **J Nurs Educ** 1985 Mar;24(3):99-103
Role issues and the nurse educator. Charron SA. **J Nurs Educ** 1985 Feb;24(2):77-9
Teaching communication skills in an integrated curriculum. Friedrich RM, et al. **J Nurs Educ** 1985 Apr;24(4):164-6
Nursing students' impact on a system of care for the elderly. Gelazis R, et al. **J Nurs Educ** 1985 Mar;24(3):126-8
Self-identified stressors in the role of nursing faculty. Hinds PS, et al. **J Nurs Educ** 1985 Feb;24(2):63-8
A model for curriculum evaluation. Horan M, et al. **J Nurs Educ** 1984 Sep;23(7):319-22
Evaluating clinical fitness. Jackson SS, et al. **J Nurs Educ** 1984 Oct;23(8):364-6
Improving clinical decision making in nursing. Jenkins HM. **J Nurs Educ** 1985 Jun;24(6):242-3
Ambulatory pediatric screening: a valuable learning experience for nursing students. Juarez SP. **J Nurs Educ** 1985 Mar;24(3):121-2
Change: introducing computer-assisted instruction (CAI) to a college of nursing faculty. Kadner K. **J Nurs Educ** 1984 Oct;23(8):349-50
A learning experience in independent study. Kilcullen PB. **J Nurs Educ** 1985 Jan;24(1):30-1
Therapeutic swimming: a different kind of nursing. Lewis SM. **J Nurs Educ** 1985 Mar;24(3):125
A test of Cohen's developmental model for professional socialization with baccalaureate nursing students. McCain NL. **J Nurs Educ** 1985 May;24(5):180-6
The evolution of a baccalaureate program for registered nurses. MacLean TB, et al. **J Nurs Educ** 1985 Feb;24(2):53-7
Perceived role-taking behavior and course grades in junior year college nursing students. Moser RS. **J Nurs Educ** 1984 Sep;23(7):294-7
Using a common health problem framework in a baccalaureate nursing curriculum. Pierce SF. **J Nurs Educ** 1985 Jan;24(1):29-30
An experience in narrative writing to improve public health practice by students. Pinkstaff E. **J Nurs Educ** 1985 Jan;24(1):25-8
Bringing baccalaureate nursing education to the rural setting. Predhomme J. **J Nurs Educ** 1985 Mar;24(3):123-5
Resocializing the degree-seeking RN: a curriculum thread. Queen PS. **J Nurs Educ** 1984 Oct;23(8):351-3
Assimilating the learning needs of RN students into the clinical practicum. Ryan MC. **J Nurs Educ** 1985 Mar;24(3):128-30
Creativity in clinical nursing. Stepp-Gilbert E, et al. **J Nurs Educ** 1985 Jan;24(1):32-3
The registered nurse baccalaureate student: differences at entry; differences at exit. Sullivan E. **J Nurs Educ** 1984 Sep;23(7):302-3
Integrating gerontology into the nursing curriculum: process and content. Tappen RM, et al. **J Nurs Educ** 1985 Feb;24(2):80-2
Use of an example flow sheet in teaching the nursing process to beginning baccalaureate students. Taylor JA, et al. **J Nurs Educ** 1985 May;24(5):207-10
Are complex multiple-choice options more difficult and discriminating than conventional multiple-choice options? Tripp A, et al. **J Nurs Educ** 1985 Mar;24(3):92-8
Preparing faculty to teach nursing research. VanBree NS. **J Nurs Educ** 1985 Feb;24(2):84-6
Simulation in teaching clinical nursing. Whitis G. **J Nurs Educ** 1985 Apr;24(4):161-3
Selected pre-admission and academic correlates of success on State Board Examinations. Yocom CJ, et al. **J Nurs Educ** 1985 Jun;24(6):244-9
Preparing nurse-educators. Who should teach undergraduates? Horowitz JA, et al. **J Psychosoc Nurs Ment Health Serv** 1985 Feb;23(2):36-8
Bringing professional issues alive. Eisenhauer LA. **Nurs Outlook** 1985 May-Jun;33(3):158
Nursing diagnosis at the art museum. Hoshiko BR. **Nurs Outlook** 1985 Jan-Feb;33(1):32-6
Teaching leadership in nontraditional settings. Oechsle LH, et al. **Nurs Outlook** 1984 Nov-Dec;32(6):313-5
Cooperative education: experience-based learning. Ross S, et al. **Nurs Outlook** 1985 Jul-Aug;33(4):177-80
Learning style preferences of baccalaureate nursing students. Merritt SL. **Nurs Res** 1983 Nov-Dec;32(6):367-72
Effect of advance organizers on learning medical surgical nursing content by baccalaureate nursing students. Gillies DA. **Res Nurs Health** 1984 Sep;7(3):173-80

ECONOMICS

Coping with shrinking resources. Crosby L. **Nurs Outlook** 1985 Jul-Aug;33(4):175-6, 180

STANDARDS

A proposed framework for evaluation of support courses in a nursing curriculum. Smillie C, et al. **J Adv Nurs** 1984 Sep;9(5):487-92
Clinical competencies of baccalaureate students. Field WE Jr, et al. **J Nurs Educ** 1984 Sep;23(7):284-93
The accreditation process as a learning experience. Garner JF, et al. **J Nurs Educ** 1985 Jan;24(1):35-7
Evaluation of a baccalaureate nursing program by alumni and of alumni by their supervisors. Knowles LN, et al. **J Nurs Educ** 1985 Jun;24(6):261-4
A comparison of Professional Performance Examination scores of graduating associate and baccalaureate degree nursing students. McMillan SC. **Res Nurs Health** 1985 Jun;8(2):167-72

TRENDS

Janforum. Innovation in nursing--the role of higher education in relation to nursing practice. Owen GM. **J Adv Nurs** 1985 Mar;10(2):179-83

EDUCATION, NURSING, CONTINUING

Reduction of child hospital mortality in Mozambique through a nurse training programme. Pisacane A. **Ann Trop Paediatr** 1985 Mar;5(1):7–10

The OR educator's role. Strategies for success. Heyman S. **AORN J** 1985 Jul;42(1):77, 80–2

Party planning ideas help in education program planning. Justice K. **AORN J** 1985 May;41(5):956–8

Libraries offer lifelong learning [interview by Kathleen Justice] Katsh S, et al. **AORN J** 1985 Apr;41(4):776–80

Alberta's refresher programs: returning to the workforce. Moore HR, et al. **Dimens Health Serv** 1984 Aug;61(8):20–2

Designing a competency–based orientation for critical care nurses. Alspach JG. **Heart Lung** 1984 Nov;13(6):655–62

The Great Incontinence Roadshow. Isaacs B. **Isr J Med Sci** 1985 Mar;21(3):288–91

Nursing careers: findings of a follow–up survey of graduates of the nursing education and administration certificate courses of the Department of Nursing Studies, University of Edinburgh, 1958–1975. Hardy LK, et al. **J Adv Nurs** 1984 Nov;9(6):611–8

Theory of nursing as curriculum content. Roberts KL. **J Adv Nurs** 1985 May;10(3):209–15

Educational achievement of nurses who completed the nursing education and the nursing administration certificate courses of the Department of Nursing Studies, University of Edinburgh, 1958–1975. Sinclair HC, et al. **J Adv Nurs** 1984 Nov;9(6):603–9

A research–based method of selecting curriculum content. Stephenson PM. **J Adv Nurs** 1985 Jan;10(1):3–13

Nursing consortium approach to increase research in service settings. Zalar MK, et al. **J Nurs Adm** 1985 Jul–Aug; 15(7–8):36–41

Training for the role of staff nurse––professional and personal preparation of recently qualified Registered General Nurses in the QARNNS. Wellings PR. **J R Nav Med Serv** 1985 Spring;71(1):25–31

Evaluation of the School Nurse Achievement Program: a follow–up survey of school nurses. Goodwin LD, et al. **J Sch Health** 1984 Oct;54(9):335–8

A neurological disorders workshop for school nurses. Reid SM, et al. **J Sch Health** 1984 Sep;54(8):306–7

Continuing education for hospice staff. Conedera F, et al. **Nurs Clin North Am** 1985 Jun;20(2):357–63

Infant and preschool well–child care: master's– and nonmaster's–prepared pediatric nurse practitioners. Glascock J, et al. **Nurs Res** 1985 Jan–Feb;34(1):39–43

The telephone survey: a procedure for assessing educational needs of nurses. Hash V, et al. **Nurs Res** 1985 Mar–Apr; 34(2):126–8

Assessing curriculum implementation: a process for identifying salient variables. Taunton RL. **Res Nurs Health** 1984 Sep;7(3):217–25

Improved perinatal knowledge in community hospitals through a self–instructional program. Heins HC Jr, et al. **South Med J** 1985 Apr;78(4):374–6

[Oncologic training of nurses––objectives and program] Pawlicki M. **Nowotwory** 1984 Jul–Sep;34(3):291–3 (Eng. Abstr.) **(Pol)**

STANDARDS

Accreditation and approval processes: a professional approach to continuing education. Lunn S, et al. **AORN J** 1984 Nov;40(5):694–8

TRENDS

Developments in post–basic nursing education. Collins SM. **J Adv Nurs** 1985 Jan;10(1):83–5

EDUCATION, NURSING, DIPLOMA PROGRAMS

TRENDS

Achievements in basic nursing education. Watson MW. **J Adv Nurs** 1985 Jan;10(1):81–3

EDUCATION, NURSING, GRADUATE

Advanced nursing education. Chapman CM. **J Adv Nurs** 1985 Jan;10(1):88–90

Guiding students in theory development through conceptual mapping. Artinian BM. **J Nurs Educ** 1985 Apr;24(4):156–8

Master's thesis policies in nursing education. May KM, et al. **J Nurs Educ** 1985 Jan;24(1):10–5

The success of non–BSNs in graduate nursing programs. Munro BH, et al. **J Nurs Educ** 1985 May;24(5):192–6

Curriculum design for educating nurse practitioners in adolescent health care. Ruszala–Herbst J. **J Nurs Educ** 1985 Jan;24(1):37–9

Teaching nursing research by guided design: a pilot study. Selby ML, et al. **J Nurs Educ** 1985 Jun;24(6):250–2

Doctoral preparation: is nursing guilty of ethnocentric thinking? Snyder–Halpern R. **J Nurs Educ** 1984 Sep; 23(7):316–7

Pioneering a new approach to professional education. Lutz EM, et al. **Nurs Outlook** 1985 May–Jun;33(3):139–43

Evolution of an aggregate–based community health curriculum. Segall M, et al. **Nurs Outlook** 1984 Nov–Dec; 32(6):308–12

How to choose a thesis committee. Zlotnick C. **Nurs Outlook** 1984 Nov–Dec;32(6):346

Infant and preschool well–child care: master's– and nonmaster's–prepared pediatric nurse practitioners. Glascock J, et al. **Nurs Res** 1985 Jan–Feb;34(1):39–43

Comparison of professional activities of nurse doctorates and other women academics. Lia–Hoagberg B. **Nurs Res** 1985 May–Jun;34(3):155–9

Predicting success in graduate clinical specialty programs. Munro BH. **Nurs Res** 1985 Jan–Feb;34(1):54–7

Post–basic community primary health care nursing preparation at Beer Sheva. Zwanger L. **Public Health Rev** 1984;12(3–4):301–5

[The development of oncologic nursing in West Germany] Kleeberg UR. **Onkologie** 1984 Dec;7(6):326–7 **(Ger)**

ECONOMICS

Coping with shrinking resources. Crosby L. **Nurs Outlook** 1985 Jul–Aug;33(4):175–6, 180

STANDARDS

The accreditation process as a learning experience. Garner JF, et al. **J Nurs Educ** 1985 Jan;24(1):35–7

TRENDS

Accountable to whom? Styles M. **Int Nurs Rev** 1985 May–Jun;32(3):73–5

Janforum. Innovation in nursing––the role of higher education in relation to nursing practice. Owen GM. **J Adv Nurs** 1985 Mar;10(2):179–83

An articulated model for preparing nursing administrators. Cleland V. **J Nurs Adm** 1984 Oct;14(10):23–31

EDUCATION OF MENTALLY DEFECTIVE see **EDUCATION OF MENTALLY RETARDED**

EDUCATION OF MENTALLY RETARDED

Improving profoundly mentally retarded adults' performance on a position discrimination. Bell J, et al. **Am J Ment Defic** 1984 Sep;89(2):180–6

Mental development of adults with Down syndrome. Berry P, et al. **Am J Ment Defic** 1984 Nov;89(3):252–6

Interactions between severely mentally retarded students and other students in integrated and segregated public school settings. Brinker RP. **Am J Ment Defic** 1985 May; 89(6):587–94

Evaluation of a method for teaching dressing skills to profoundly mentally retarded persons. Diorio MS, et al. **Am J Ment Defic** 1984 Nov;89(3):307–9

Conceptual systems and teacher attitudes toward regular classroom placement of mildly mentally retarded students. Feldman D, et al. **Am J Ment Defic** 1985 Jan;89(4):345–51

Semantic processing and serial learning by EMR adolescents. Glidden LM, et al. **Am J Ment Defic** 1985 May; 89(6):635–41

A true experiment evaluating adult skill training for severely mentally retarded secondary students. Heal LW, et al. **Am J Ment Defic** 1984 Sep;89(2):146–55

Comparison of three measures of adaptive behavior. Heath CP, et al. **Am J Ment Defic** 1984 Sep;89(2):205–8

Teaching telephone–answering skills to mentally retarded adults. Karen RL, et al. **Am J Ment Defic** 1985 May; 89(6):595–609

Reducing occurrences of an asymmetrical tonic neck reflex. Lee JM, et al. **Am J Ment Defic** 1985 May;89(6):617–21

Performance of EMR and learning–disabled students on the brigance, peabody, and wide range achievement tests. Lindsey JD, et al. **Am J Ment Defic** 1984 Sep;89(2):197–201

Regular– and special–education teachers' judgments about mentally retarded children in an integrated setting. McEvoy MA, et al. **Am J Ment Defic** 1984 Sep; 89(2):167–73

Effects of color on visual discrimination of geometric symbols by severely and profoundly mentally retarded individuals. Meador DM. **Am J Ment Defic** 1984 Nov; 89(3):275–86

Effects of vibratory, edible, and social reinforcement on performance of institutionalized mentally retarded individuals. Ottenbacher K, et al. **Am J Ment Defic** 1984 Sep;89(2):201–4

Vocabulary acquisition by mentally retarded students under direct and mnemonic instruction. Scruggs TE, et al. **Am J Ment Defic** 1985 Mar;89(5):546–51

Stereotyped behavior of severely disabled children in classroom and free–play settings. Thompson TJ, et al. **Am J Ment Defic** 1985 May;89(6):580–6

Training reaction and movement times of moderately and severely mentally retarded persons in aiming movements. Wade MG, et al. **Am J Ment Defic** 1984 Sep;89(2):174–9

Effects of isolation by color on mentally retarded and nonretarded persons' recall of printed words. Winters JJ Jr, et al. **Am J Ment Defic** 1984 Nov;89(3):310–2

Public school satisfaction with interdisciplinary services. Bender M, et al. **Appl Res Ment Retard** 1984;5(4):521–5

Teaching developmentally disabled persons how to react to fires. Bertsch G, et al. **Appl Res Ment Retard** 1984; 5(4):483–97

A rapid training procedure for teaching manual sign language skills to multidisciplinary institutional staff. Fitzgerald JR, et al. **Appl Res Ment Retard** 1984;5(4):451–69

The use of response deprivation to increase the academic performance of EMR students. Konarski EA Jr, et al. **Appl Res Ment Retard** 1985;6(1):15–31

Comparison scan training and the matching and scanning performance of severely and profoundly mentally retarded students. Lyon SR, et al. **Appl Res Ment Retard** 1984; 5(4):439–49

Effects of different training environments on the acquisition of community living skills. Schalock RL, et al. **Appl Res Ment Retard** 1984;5(4):425–38

Systematic assessment and training of sex education for a mentally retarded woman. Shapiro ES, et al. **Appl Res Ment Retard** 1985;6(3):307–17

Treatment of self–injurious behavior. Contingent versus noncontingent positive practice overcorrection. Gibbs JW, et al. **Behav Modif** 1985 Jan;9(1):3–21

Behavioural versus cognitive social–skills training with intellectually–handicapped adults. Bramston P, et al. **Behav Res Ther** 1985;23(3):239–46

Generalization and maintenance of the reduction of self–injurious behavior maintained by two types of reinforcement. Heidorn SD, et al. **Behav Res Ther** 1984; 22(5):581–6

Monitoring the collateral effects of leisure skill instruction: a case study in multiple–baseline methodology. Meyer LH, et al. **Behav Res Ther** 1985;23(2):127–38

The effectiveness of conductive education principles with profoundly retarded multiply handicapped children. Cottam P, et al. **Br J Disord Commun** 1985 Apr;20(1):45–60

Integration of severely handicapped students and the proportion of IEP objectives achieved. Brinker RP, et al. **Except Child** 1984 Oct;51(2):168–75

Nursery rhymes and early language acquisition by mentally handicapped children. Glenn SM, et al. **Except Child** 1984 Sep;51(1):72–4

Placement decisions revisited: IQ doesn't always tip the scale. Knoff HM. **Except Child** 1984 Oct;51(2):122–8

Food and nutrition skills of mentally retarded adults: assessment and needs. Green EM, et al. **J Am Diet Assoc** 1985 May;85(5):611–3

Establishment of independent responding to a fire alarm in a blind, profoundly retarded adult. Cohen IL. **J Behav Ther Exp Psychiatry** 1984 Dec;15(4):365–7

In vivo training of a fire emergency skill with a severely retarded adult. Luiselli JK. **J Behav Ther Exp Psychiatry** 1984 Sep;15(3):277–80

Parents teaching their young mentally handicapped children. McConachie H, et al. **J Child Psychol Psychiatry** 1985 May; 26(3):389–405

The development of listener–adapted communication by educable mentally impaired children. Bliss LS. **J Commun Disord** 1984 Nov;17(6):371–84

Verb usage by educable mentally retarded children. Rom A. **J Ment Defic Res** 1985 Jun;29 (Pt 2):165–72

Using stimulus shaping and fading to establish stimulus control in normal and retarded children. Smeets PM, et al. **J Ment Defic Res** 1984 Sep;28 (Pt 3):207–18

Establishing pre–language signalling behaviour with profoundly mentally handicapped students: a preliminary investigation. Sternberg L, et al. **J Ment Defic Res** 1985 Mar;29 (Pt 1):81–93

The effects of an intraclass peer tutoring program on the sight–word recognition ability of students who are mildly mentally retarded. Carlton MB, et al. **Ment Retard** 1985 Apr;23(2):74–8

Competitive employment: teaching conversational skills to adults who are mentally retarded. Chadsey–Rusch J, et al. **Ment Retard** 1984 Oct;22(5):218–25

Legal and moral considerations in educating children with herpes in public school settings. Guess D, et al. **Ment Retard** 1984 Oct;22(5):257–63

Fire safety training with adults who are profoundly mentally retarded. Rae R, et al. **Ment Retard** 1985 Feb;23(1):26–30

Responses of persons who are mentally retarded to four components of relaxation instruction. Rickard HC, et al. **Ment Retard** 1984 Oct;22(5):248–52

Food and nutrition education for children who are mentally retarded. Stapley VJ, et al. **Ment Retard** 1984 Dec; 22(6):289–93

Rapid reduction of off–task behavior in retarded children by use of light–out. Drash PW, et al. **Psychol Rep** 1985 Apr;56(2):499–509

[Influence of the educational course on the future of young persons thought to be mentally deficient] Nicaud V, et al. **Rev Epidemiol Sante Publique** 1984;32(5):277–85 (Eng. Abstr.) **(Fre)**

[Role of the mentally retarded graduates of special schools] Jaque Valenzuela G. **Acta Psiquiatr Psicol Am Lat** 1984 Jun;30(2):141–5 (Eng. Abstr.) **(Spa)**

STANDARDS

'The highest attainable standard': common goals of MCH and MR/DD professionals. Schutz CE, et al. **Ment Retard** 1984 Oct;22(5):209–11

TRENDS

National census of residential facilities: a 1982 profile of facilities and residents. Hauber FA, et al. **Am J Ment Defic** 1984 Nov;89(3):236–45

Mental retardation 1984: Professional responsibilities. Grossman HJ. **Ment Retard** 1984 Oct;22(5):212–7

The community health education network. Swallen SG. **Minn Med** 1985 Mar;68(3):239–41

EDUCATION OF PATIENTS see **PATIENT EDUCATION**

EDUCATION, PHARMACY

Behaviorally anchored ranking scale versus letters of recommendation for evaluating residency candidates. Doutré WH, et al. **Am J Hosp Pharm** 1984 Nov;41(11):2367–70

Hospital pharmacy externship: the Alaska experience [letter] Friend JR. **Am J Hosp Pharm** 1984 Sep;41(9):1761

Industrial pharmacy residency [letter] Greco CM. **Am J Hosp Pharm** 1985 Aug;42(8):1710

Residency training: the path to professional and personal dignity. Pierpaoli PG. **Am J Hosp Pharm** 1984 Sep;41(9):1849–51

Layoffs: a positive response [letter] Vogenberg FR, et al. **Am J Hosp Pharm** 1984 Sep;41(9):1756,1758

Residency accreditation standards [letter] Elliott RK. **Drug Intell Clin Pharm** 1984 Dec;18(12):997

Drug information roots: the influence of education and training on the philosophy and activities of hospital- and pharmacy school-based drug information services. Lyon RA, et al. **Drug Intell Clin Pharm** 1985 May;19(5):390–4

The use of veterinary clinics for the education of pharmacy students. Scalley RD, et al. **Drug Intell Clin Pharm** 1985 Apr;19(4):315–7

Computer education for clinical pharmacy students—a program for use in teaching. Polack AE, et al. **J Clin Hosp Pharm** 1984 Dec;9(4):345–8

[The pharmacy profession in our society. I. Problems with professional prestige and with the evaluation of opinions of students and graduates of pharmacy schools] Fifková V, et al. **Cesk Farm** 1984 Feb;33(1):27–9 (Eng. Abstr.) **(Cze)**

[The role of practical training in the education of students at a pharmacy school] Hartlová S, et al. **Cesk Farm** 1984 Feb;33(1):30–3 **(Cze)**

[Theoretical and laboratory requirements for clinical pharmacy positions] Květina J, et al. **Cesk Farm** 1984 Feb;33(1):1–5 **(Cze)**

[Study of the pharmacy profession in Czechoslovakia] Fifková V, et al. **Cesk Zdrav** 1984 Dec;32(12):520–3 (Eng. Abstr.) **(Cze)**

[Teaching social and preventive medicine to pharmacy students] Bruppacher R, et al. **Soz Praventivmed** 1985;30(3):173–6 (Eng. Abstr.) **(Ger)**

ECONOMICS

Contract for educational services between a college of pharmacy and private hospitals. Klepcyk JC, et al. **Am J Hosp Pharm** 1984 Oct;41(10):2056–60

HISTORY

Medical education and practice in Britain 150 years ago: a verbatim testimony [letter] Whittet D. **Br Med J [Clin Res]** 1985 Mar 16;290(6471):859–60

TRENDS

Summary of the final report of the APhA Task Force on Pharmacy Education. **Am J Hosp Pharm** 1985 Mar;42(3):561–5

Implications of new technology for pharmacy education and practice. Brodie DC, et al. **Am J Hosp Pharm** 1985 Jan;42(1):81–95

Practice perspective on practitioner–educator relationships. Ivey MF. **Am J Hosp Pharm** 1985 Jun;42(6):1320–3

Practitioner–educator coalition for reprofessionalizing an occupation. Walton CA. **Am J Hosp Pharm** 1985 Jun;42(6):1314–20

Pharmaceutical education and the practice of pharmacy. Levy G. **Drug Intell Clin Pharm** 1984 Oct;18(10):829–32

The knowledge merchants. Goyan JE. **Pharm Weekbl [Sci]** 1985 Apr 26;7(2):38–41

Clinical clerkships in professional education: a study in pharmacy and other ancillary professions. Broadhead RS, et al. **Soc Sci Med** 1985;20(3):231–40

[International views on education and perspectives for its development at the Charles University Pharmacy School] Semrádová I, et al. **Cesk Farm** 1984 Dec;33(10):409–11 **(Cze)**

EDUCATION, PHARMACY, CONTINUING

A survey of state board of pharmacy members and continuing education providers' views on continuing education. Osterhaus JT, et al. **Drug Intell Clin Pharm** 1985 Feb;19(2):134–8

EDUCATION, PHARMACY, GRADUATE

Management seminar miniseries for training pharmacy residents. Gallina JN, et al. **Am J Hosp Pharm** 1985 Feb;42(2):320–2

Medical teacher and his pedagogical training (experience with Bratislavian system of training the assistants for pedagogical activity in postgraduate education of physicians and pharmacists). Badalík L, et al. **Czech Med** 1984;7(3):129–34

Postgraduate pharmacy fellowships (1984–85). Kaul AF, et al. **Drug Intell Clin Pharm** 1985 Mar;19(3):219–24

Positions held by graduates of postgraduate pharmacy fellowship programs. Powell SH, et al. **Drug Intell Clin Pharm** 1985 Jan;19(1):57–9

Professional development degrees [letter] Riley DA. **Drug Intell Clin Pharm** 1985 Jul–Aug;19(7–8):585

[A look at the present activity of the Otolaryngology Department at the Institute for the Continuing Education of Physicians and Pharmacists in Bratislava] Stastný B. **Cesk Otolaryngol** 1984 Jun;33(3):190–2 **(Slo)**

TRENDS

Residency training: pharmacy's rate-limiting step to clinical competency. McLeod DC. **Drug Intell Clin Pharm** 1985 Jan;19(1):60–1

EDUCATION, PREMEDICAL

Course work and grades of premedical students at two liberal arts colleges. Lewis GL. **J Med Educ** 1985 Sep;60(9):677–83

Premedical syndrome [letter] Spencer D. **J Med Educ** 1985 Feb;60(2):156–7

333 Cedar Street: an oral history. A chapter in the history of contemporary medicine. Viseltear AJ. **Yale J Biol Med** 1985 Jan–Feb;58(1):29–49

HISTORY

Preprofessional requirements: an anachronism. Chapman CB. **Bull NY Acad Med** 1985 Jun;61(5):405–27

STANDARDS

The GPEP Report: I. Preparation for medical school [editorial] Barondess JA. **Ann Intern Med** 1985 Jul;103(1):138–9

TRENDS

Physicians for the twenty-first century. Report of the Project Panel on the General Professional Education of the Physician and College Preparation for Medicine. **J Med Educ** 1984 Nov;59(11 Pt 2):1–208

EDUCATION, PROFESSIONAL, RETRAINING see under **EDUCATION, CONTINUING**

EDUCATION, SPECIAL

Long-term effectiveness of the Adolescent Learning Center: a challenge to the concept of least restrictive environment. LeVine E, et al. **Adolescence** 1984 Fall;19(75):521–6

Programs and services for the deaf in the United States. Part IV. Research programs and services. **Am Ann Deaf** 1985 Apr;130(2):184–93

Career education: the position paper of the Conference of Educational Administrators Serving the Deaf. CEASD Career Development Committee. May, 1980. **Am Ann Deaf** 1985 Apr;130(2):74–8

Programs and services for the deaf in the United States. Part II. Educational programs and services. **Am Ann Deaf** 1985 Apr;130(2):81–153

A comparison of captioned, classroom, and prose instruction for hearing-impaired learners. Dowaliby FJ, et al. **Am Ann Deaf** 1984 Sep;129(4):375–7

Personnel preparation for multihandicapped hearing-impaired students: a review of the literature. D'Zamko ME, et al. **Am Ann Deaf** 1985 Mar;130(1):9–14 (31 ref.)

Cochlear implants and the education of deaf children. Schein JD. **Am Ann Deaf** 1984 Jun;129(3):324–32

Medical examination of children referred for special education. Heymann PW, et al. **Am J Dis Child** 1985 Feb;139(2):152–4

Regular- and special-education teachers' judgments about mentally retarded children in an integrated setting. McEvoy MA, et al. **Am J Ment Defic** 1984 Sep;89(2):167–73

Therapeutic programming for students with severe handicaps. Campbell PH, et al. **Am J Occup Ther** 1984 Sep;38(9):594–602

Securing services for handicapped children below age five through early childhood direction centers. Gloeckler LC, et al. **Am J Perinatol** 1983 Oct;1(1):98–101

Trainee attitudes toward disabled persons: effect of a special physical education program. Berrol CF. **Arch Phys Med Rehabil** 1984 Dec;65(12):760–5

An observational study of the social adjustment of spina bifida children in integrated settings. Tin LG, et al. **Br J Educ Psychol** 1985 Feb;55 (Pt 1):81–3

The Education Act 1981 [editorial] Macfarlane JA. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1848–9

Ward teaching won't do! McLean E. **Child Care Health Dev** 1984 Sep–Oct;10(5):261–71

Pre-school intervention programmes. Reader L. **Child Care Health Dev** 1984 Jul–Aug;10(4):237–51

Perceptions about cleft palate held by school personnel: suggestions for in-service training development. Mitchell CK, et al. **Cleft Palate J** 1984 Oct;21(4):308–12

Educational attainment of 10-year-old children with treated and untreated visual defects. Stewart-Brown S, et al. **Dev Med Child Neurol** 1985 Aug;27(4):504–13

Planning goals for intervention: language testing or language sampling? Blau AF, et al. **Except Child** 1984 Sep;51(1):78–9

Inservice teachers' assessed needs in behavioral disorders, mental retardation, and learning disabilities: are they similar? Carri L. **Except Child** 1985 Feb;51(5):411–6

Academic abilities of persons entering and remaining in special education. Frank AR, et al. **Except Child** 1984 Sep;51(1):76–7

Preservice teacher preparation for mainstreaming. Ganschow L, et al. **Except Child** 1984 Sep;51(1):74–6

The Department of Education's Sixth Annual Report to Congress on P.L. 94–142: is Congress getting the full story? Gerber MM. **Except Child** 1984 Nov;51(3):209–24

Implementing a prereferral intervention system: Part II. The data. Graden JL, et al. **Except Child** 1985 Apr;51(6):487–96

Transition: a look at the foundations. Halpern AS. **Except Child** 1985 Apr;51(6):479–86

Special education and regular education: a merger made in heaven? Lieberman LM. **Except Child** 1985 Apr;51(6):513–6

Commentary on 'A rationale for the merger of special and regular education' or, is it now time for the lamb to lie down with the lion? Mesinger JF. **Except Child** 1985 Apr;51(6):510–2

A report on the Colorado statewide follow-up survey of special education students. Mithaug DE, et al. **Except Child** 1985 Feb;51(5):397–404

Integrating handicapped and nonhandicapped preschoolers: developmental impact on nonhandicapped children. Odom SL, et al. **Except Child** 1984 Sep;51(1):41–8

Assessment and intervention issues with the nonspeaking child. Russel M. **Except Child** 1984 Sep;51(1):64–71

Competencies necessary for instructing migrant handicapped students. Salend SJ, et al. **Except Child** 1984 Sep;51(1):50–5

Staff ratios and allocated instructional time for multihandicapped students. Snart F, et al. **Except Child** 1985 Jan;51(4):289–96

A rationale for the merger of special and regular education. Stainback W, et al. **Except Child** 1984 Oct;51(2):102–11

Comparison of a full-time mainstreaming program and a resource room approach. Wang MC, et al. **Except Child** 1984 Sep;51(1):33–40

Effects of variables on parental perceptions of staffings. Witt JC, et al. **Except Child** 1984 Sep;51(1):27–32

The Education Act 1981—rethinking special educational needs in the United Kingdom. Russell P. **Int Rehabil Med** 1985;7(1):33–8

Tuberous sclerosis: case study of early seizure control and subsequent normal development. Lane VW, et al. **J Autism Dev Disord** 1984 Dec;14(4):423–7

Computer technology for autistic students. Panyan MV. **J Autism Dev Disord** 1984 Dec;14(4):375–82

Autism—assessment and placement under The Education for All Handicapped Children Act: a case history. Blau GL. **J Clin Psychol** 1985 May;41(3):440–7

Improving physician/teacher collaboration. Marshall RM, et al. **J Dev Behav Pediatr** 1984 Oct;5(5):241–5

Integrity of treatment in special education research. Salend SJ. **Ment Retard** 1984 Dec;22(6):309–15

Management of young children with recurrent herpes simplex skin lesions in special education programs. Blackman JA, et al. **Pediatr Infect Dis** 1985 May–Jun;4(3):221–4

Estimates of category width by students in regular and special education. Knutson GG. **Percept Mot Skills** 1984 Oct;59(2):458

Improving the test-taking skills of learning-disabled students. Scruggs TE, et al. **Percept Mot Skills** 1985 Jun;60(3):847–50

Use of three writing tasks at an adolescent treatment center. Sinatra R. **Percept Mot Skills** 1984 Oct;59(2):355–8

Perceived role responsibilities of physical therapists and adapted physical educators in the public school setting. Blumenkopf M, et al. **Phys Ther** 1985 Jul;65(7):1046–51

Evaluation of children with Down syndrome who participated in an early intervention program. Second follow-up study. Connolly BH, et al. **Phys Ther** 1984 Oct;64(10):1515–9

Ordinary or special schools for children with learning failure: problems in evaluation. Graham PJ. **Rev Epidemiol Sante Publique** 1984;32(5):273–6

The 'gray area' child ... Schoenwetter CD. **Wis Med J** 1984 Nov;83(11):16–7

The relationship of disability and school type to everyday life. Carr J, et al. **Z Kinderchir** 1984 Dec;39 Suppl 2:135–7

Where should spina bifida children go to school? Dodd KD. **Z Kinderchir** 1984 Dec;39 Suppl 2:129–31

[Influence of the educational course on the future of young persons thought to be mentally deficient] Nicaud V, et al. **Rev Epidemiol Sante Publique** 1984;32(5):277–85 (Eng. Abstr.) **(Fre)**

[Auditory deficiency and language] Triki S, et al. **Tunis Med** 1985 Apr;63(4):309–11 **(Fre)**

[Forms of integrative work in the elementary area—initial impressions of the status in Bavaria] Hüffner U, et al. **Prax Kinderpsychol Kinderpsychiatr** 1985 Apr;34(3):101–9 (Eng. Abstr.) **(Ger)**

[Neurotic children in the special school—therapeutic influences and problems] Quenstedt F. **Prax Kinderpsychol Kinderpsychiatr** 1984 Nov–Dec;33(8):317–21 (Eng. Abstr.) **(Ger)**

[New scientific and practical education for successful reading training under difficult circumstances] Masendorf F, et al. **Rehabilitation (Stuttg)** 1985 Feb;24(1):47–53 (Eng. Abstr.) **(Ger)**

[Effects of classes in 'creative movement and pantomime' and 'badminton' on total-body coordination in older dyslexic boys] Schneider FJ. **Rehabilitation (Stuttg)** 1984 Nov;23(4):146-54 (Eng. Abstr.) (Ger)

[Parental attitudes and the educational needs of children with cancer] Bożek J, et al. **Pediatr Pol** 1984 Dec;59(12):1021-5 (Eng. Abstr.) (Pol)

HISTORY

Friendly letters on the correspondence of Helen Keller, Anne Sullivan, and Alexander Graham Bell. Blatt B. **Except Child** 1985 Feb;51(5):405-9

ORGANIZATION & ADMINISTRATION

Provision of related services for children with chronic disabilities. Committee on Children with Disabilities. **Pediatrics** 1985 Apr;75(4):796-7

STANDARDS

Certification standards for professionals involved in the education of hearing-impaired children and youth. Council on Education of the Deaf (CED). **Am Ann Deaf** 1985 Apr;130(2):60-73

Evaluation of progress using the context input process and product model. Sims M, et al. **Child Care Health Dev** 1984 Nov-Dec;10(6):359-79

Education and career preparation for youth with disabilities. Bellamy GT, et al. **J Adolesc Health Care** 1985 Mar;6(2):125-35

Education and career preparation. Work group proceedings. Nelson RP, et al. **J Adolesc Health Care** 1985 Mar;6(2):136-40

Youth with disability. The transition years. Opening remarks. Will MC. **J Adolesc Health Care** 1985 Mar;6(2):79-83

TRENDS

Where is special education for students with high prevalence handicaps going? Algozzine B, et al. **Except Child** 1985 Feb;51(5):388-94

A triaxial model of the interdisciplinary team and group process. Bailey DB Jr. **Except Child** 1984 Sep;51(1):17-25

Let us pause and reflect—but not too long. Will MC. **Except Child** 1984 Sep;51(1):11-6

Children with special needs—a priority. Coury DL, et al. **Ohio State Med J** 1984 Nov;80(11):767-9

Babies and robots: technology to assist learning of young multiple disabled children. Behrmann MM, et al. **Rehabil Lit** 1984 Jul-Aug;45(7-8):194-201

EDUCATION, VETERINARY

The use of veterinary clinics for the education of pharmacy students. Scalley RD, et al. **Drug Intell Clin Pharm** 1985 Apr;19(4):315-7

Veterinary medicine and gerontology: a vital link. Netting FE, et al. **Gerontol Geriatr Educ** 1984 Fall;5(1):53-61

Licensing boards and approval of veterinary educational programs. Hannah HW. **J Am Vet Med Assoc** 1984 Oct 1;185(7):750

Write on, Dr. Voith. Campbell WE. **Mod Vet Pract** 1984 Sep;65(9):716, 718

An American CE program in Chile. Leighton RL. **Mod Vet Pract** 1984 Sep;65(9):698-9

The veterinarian's education about the human-animal bond and animal-facilitated therapy. McCulloch WF. **Vet Clin North Am [Small Anim Pract]** 1985 Mar;15(2):423-9

Veterinarians and laboratory animals. **Vet Rec** 1985 Mar 9;116(10):249

The Leverhulme residency programme at the Royal Veterinary College, University of London and the faculty of veterinary science, University of Liverpool. Betts AO, et al. **Vet Rec** 1984 Oct 27;115(17):425

Small animal practice: communication, continuing education and caring. Bower J. **Vet Rec** 1985 Apr 13;116(15):387-8

[What does the history of veterinary medicine mean and to what purpose do we study it?] Lochmann EH. **Schweiz Arch Tierheilkd** 1985 Jan;127(1):1-8 (Eng. Abstr.) (Ger)

ECONOMICS

Employment, starting salaries, and educational indebtedness of 1984 graduates of US veterinary medical colleges. Wise JK. **J Am Vet Med Assoc** 1984 Oct 15;185(8):909-10

EDUCATIONAL MEASUREMENT

Discrimination indices of the school-achievement test upper-lower index. Komenda S, et al. **Acta Univ Palacki Olomuc Fac Med** 1985;108:333-52

Probability distribution of the school-achievement test ranked score. Komenda S, et al. **Acta Univ Palacki Olomuc Fac Med** 1985;108:315-32

School-achievement test: reliability of the item difficulty measurement. Komenda S, et al. **Acta Univ Palacki Olomuc Fac Med** 1985;108:301-14

First national in-service examination for pathology residents. Lockard WT Jr, et al. **Am J Clin Pathol** 1985 Jan;83(1):1-6

Behavior and academic achievement in hyperactive subgroups and learning-disabled boys. A six-year follow-up. August GJ, et al. **Am J Dis Child** 1984 Nov;138(11):1025-9

Fieldwork performance and academic grades. Mann WC, et al. **Am J Occup Ther** 1985 Feb;39(2):92-5

Examination of selection criteria for a program in occupational therapy. Posthuma BW, et al. **Am J Occup Ther** 1985 Jul;39(7):441-5

The GPEP Report: I. Preparation for medical school [editorial] Barondess JA. **Ann Intern Med** 1985 Jul;103(1):138-9

Women, men, and examination scores [letter] Bowman MA, et al. **Ann Intern Med** 1985 May;102(5):725-6

An analysis of the knowledge base of practicing internists as measured by the 1980 recertification examination. Norcini JJ, et al. **Ann Intern Med** 1985 Mar;102(3):385-9

Criteria of humanity. Defining the indefinable [editorial] Moore FD. **Ann Surg** 1985 Feb;201(2):231-2

Criteria for selection of future physicians. Sade RM, et al. **Ann Surg** 1985 Feb;201(2):225-30

Preparing for final radiology examinations. Lau L, et al. **Australas Radiol** 1984 May;28(2):171-4

Audit of admission to medical school: I—Acceptances and rejects. McManus IC, et al. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1201-4

Audit of admission to medical school: III—applicants' perceptions and proposals for change. McManus IC, et al. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1365-7

Audit of admission to medical school: II—Shortlisting and interviews. McManus IC, et al. **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1288-90

Admission to medical school [letter] McManus IC, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):319-20

Why failing students pass. A position paper. Sonley EG. **Can Dent Assoc J** 1985 Jun;51(6):419-21

The why? When? and how? of examinations in community medicine. Vaughan DH. **Community Med** 1984 Aug;6(3):232-5

ABSITE: uses and abuses. Berry RE. **Curr Surg** 1984 Sep-Oct;41(5):329-34

Quality assurance and the role of self-evaluation and continuing education. Milgrom P, et al. **Dent Clin North Am** 1985 Jul;29(3):531-44

The discriminatory value of the various parts of the University of Nairobi qualifying examination in internal medicine (final MB). Rees PH, et al. **East Afr Med J** 1984 Apr;61(4):262-5

Developing and negotiating transfer agreements in allied health. King EC, et al. **J Allied Health** 1984 Aug;13(3):221-30

Women and science performance in a six-year medical program. Greenfield B, et al. **J Am Med Wom Assoc** 1985 Jul-Aug;40(4):116-8

Measuring dental students' ethical sensitivity. Bebeau MJ, et al. **J Dent Educ** 1985 Apr;49(4):225-35

Victims of our own success. Morse PK. **J Dent Educ** 1985 Aug;49(8):563-4

An evaluation of self-guided teaching methods in a fixed prosthodontics preclinical laboratory. Weiner S, et al. **J Dent Educ** 1985 May;49(5):318-20

The value of an assessment system in a preclinical amalgam exercise. Wiegman JE, et al. **J Dent Educ** 1985 May;49(5):312-5

Measures of knowledge and attitude toward preventive cardiology. Allred CA, et al. **J Med Educ** 1985 Apr;60(4):314-9

Self-evaluation in undergraduate medical education: a longitudinal perspective. Arnold L, et al. **J Med Educ** 1985 Jan;60(1):21-8

Validity coefficients of clinical competence on NBME part III examination. Calhoun JG, et al. **J Med Educ** 1985 Mar;60(3):189-92

Assessment of knowledge and clinical judgment in the pediatric residency. Davis JK, et al. **J Med Educ** 1985 Jun;60(6):468-72

Further support for changing multiple-choice answers. Fabrey LJ, et al. **J Med Educ** 1985 Jun;60(6):488-90

Impact of medical school class ranking systems on applicants' ratings for residency positions. Gutman LT, et al. **J Med Educ** 1985 Sep;60(9):684-91

Preliminary study at the Medical University of Southern Africa on student self-assessment as a means of evaluation. Henbest RJ, et al. **J Med Educ** 1985 Jan;60(1):66-8

Performance on NBME Part I examination in relation to policies regarding use of test. Hyde RM, et al. **J Med Educ** 1985 Jun;60(6):439-43

Relationships among the MCAT reading subtest, Nelson-Denny Reading Test, and medical school achievement. Jackson JR, et al. **J Med Educ** 1985 Jun;60(6):478-80

Relationship between subject examination scores in clerkships and academic and demographic factors. Leonardson GR, et al. **J Med Educ** 1985 Sep;60(9):719-21

Course work and grades of premedical students at two liberal arts colleges. Lewis GL. **J Med Educ** 1985 Sep;60(9):677-83

Relationship of old and new MCAT scores to performance on the Part III examination of the NBME. Markert RJ. **J Med Educ** 1985 Jan;60(1):53-5

Protecting the public, the profession, and the applicant [editorial] Mumford E. **J Med Educ** 1984 Dec;59(12):971-2

Concordance of medical school course grades and NBME Parts I and II examination subject test scores. Murphy JP, et al. **J Med Educ** 1984 Oct;59(10):828-31

To rank or not to rank [letter] Pounds LA. **J Med Educ** 1985 Sep;60(9):735-6

Relationship between specialty choice and academic performance. Rosevear GC, et al. **J Med Educ** 1985 Aug;60(8):640-1

The significance of the admission interview in predicting students' performance in dental school. Walker JD, et al. **J Med Educ** 1985 Jul;60(7):569-71

Survey of U.S. and Canadian medical schools on admissions and psychiatrically at-risk students. Willer B, et al. **J Med Educ** 1984 Dec;59(12):928-36

Impact of an intervention program on minority medical students' National Board Part I performance. Frierson HT Jr. **J Natl Med Assoc** 1984 Dec;76(12):1185-90

Evaluating clinical fitness. Jackson SS, et al. **J Nurs Educ** 1984 Oct;23(8):364-6

The success of non-BSNs in graduate nursing programs. Munro BH, et al. **J Nurs Educ** 1985 May;24(5):192-6

The relationship of selected admission criteria to the academic success of associate degree nursing students. Oliver DH. **J Nurs Educ** 1985 May;24(5):197-206

Passing the state board examination. Sisca JR, et al. **J Nurs Educ** 1984 Oct;23(8):358-61

Effect of stature on school performance. Richards GE, et al. **J Pediatr** 1985 May;106(5):841-2

A system for developing and evaluating the clinical judgment of dental students. McDonald GT, et al. **J Prosthet Dent** 1985 Feb;53(2):265-6

The final M.B.B.S. (certifying) examination. Jafarey NA. **JPMA** 1984 Aug;34(8):251-4

Medical student selection in the UK. **Lancet** 1984 Nov 24;2(8413):1190-1

Selection and training of physicians at Mayo Medical School for the 21st century. Kiely JM. **Mayo Clin Proc** 1985 Sep;60(9):633-5

Moral reasoning as a criterion for admission to medical school. Benor DE, et al. **Med Educ** 1984 Nov;18(6):423-8

Evaluating a new approach to selecting medical students. Feletti GI, et al. **Med Educ** 1985 Jul;19(4):276-84

Oral examinations in medical education. Jayawickramarajah PT. **Med Educ** 1985 Jul;19(4):290-3

Pre-admission academic predictors of the goals of a primary care-oriented medical school. Markert RJ. **Med Educ** 1985 Jan;19(1):9-12

Special admissions to a medical school [editorial] Biggs JS. **Med J Aust** 1985 Apr 1;142(7):384-5

Entry of black and other minority students into U.S. medical schools. Historical perspective and recent trends. Shea S, et al. **N Engl J Med** 1985 Oct 10;313(15):933-40

Patient education in a public hospital. Glazer-Waldman H, et al. **Nurs Res** 1985 May-Jun;34(3):184-5

Predicting success in graduate clinical specialty programs. Munro BH. **Nurs Res** 1985 Jan-Feb;34(1):54-7

The performance of dental students in an era of decreasing number of applicants. Waldman HB. **NY J Dent** 1985 Apr-May;55(4):135-7

Admission to medical schools [letter] Ney PG. **NZ Med J** 1985 Aug 14;98(784):655

The measure of child. Levine MD. **Pediatrics** 1985 Apr;75(4):791-2

Improving the test-taking skills of learning-disabled students. Scruggs TE, et al. **Percept Mot Skills** 1985 Jun;60(3):847-50

Effect of videotape replay on the quality and accuracy of student self-evaluation. Palmer PB, et al. **Phys Ther** 1985 Apr;65(4):497-501

Predicting certification examination scores in a college-based program. Macomber JH, et al. **Radiol Technol** 1984 Sep-Oct;56(1):23-6

A comparison of Professional Performance Examination scores of graduating associate and baccalaureate degree nursing students. McMillan SC. **Res Nurs Health** 1985 Jun;8(2):167-72

Surgical specialty training [letter] **South Med J** 1985 Aug;78(8):1026

Selection methods and entry criteria for graduate medical education in neurological surgery. King RB. **Surg Neurol** 1985 Apr;23(4):346-9

[The selection of first-year students by the Department of Speech Therapy and Audiology (University of Pretoria)] Uys IC, et al. **S Afr J Commun Disord** 1984;31:29-34 (Eng. Abstr.) (Afr)

[Impaired health as a cause for inability to take exams] Bachmann W. **Off Gesundheitswes** 1984 Oct;46(10):507-11 (Ger)

[Brain functional asymmetry characteristics of students in the period of an examination session] Kikolov AI, et al. **Fiziol Cheloveka** 1984 Jul-Aug;10(4):556-62 (Rus)

[Shifts in the base electroencephalogram of students during exams] Volkind NIa. **Gig Sanit** 1985 Jun;(6):84-5 (Rus)

[Electroencephalographic indices in students during examinations] Volkind NIa. **Gig Sanit** 1984 Jul;(7):81-3 (Rus)

[Nutritional and socioeconomic factors in the mental development and scholastic achievement] Klein RE. **GEN** 1983 Jan-Jun;37(1-2):167-98 (Spa)

[Establishment of uniform averages of graduates from medical colleges and schools in Mexico] Márquez Arteaga R, et al. **Rev Invest Clin** 1985 Jan-Mar;37(1):61-4 (Spa)

[Differential usefulness of various evaluation criteria in the selection of candidates for admission to postgraduate education in medicine] Viniegra L. **Rev Invest Clin** 1985 Jan-Mar;37(1):57-9 (Spa)

[Comparative study of the academic aptitude test and final graduate records of students of Chilean medical schools] Contreras R, et al. **Rev Med Chil** 1984 Oct;112(10):1033–43 (Eng. Abstr.) **(Spa)**

METHODS

The MCQ in the primary FRCS(Eng). Lumley JS, et al. **Ann R Coll Surg Engl** 1984 Nov;66(6):441–3

Objective structured clinical examination compared with other forms of student assessment. Smith LJ, et al. **Arch Dis Child** 1984 Dec;59(12):1173–6

UTD Competency Based Evaluation System. Lougeay-Mottinger J, et al. **ASHA** 1984 Nov;26(11):39–43

Teaching terminal care at Queen's University of Belfast. II--Teaching arrangements and assessment of topic. Irwin WG. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1604–5

Psychiatric interviewing and clinical skills. Pollock DC, et al. **Can J Psychiatry** 1985 Feb;30(1):64–8

Evaluation of training in geriatric consultation: development of assessment measures. Taintor Z, et al. **Gerontol Geriatr Educ** 1984 Fall;5(1):73–81

The effect of comparison films upon resident interpretation of pediatric chest radiographs. Berbaum K, et al. **Invest Radiol** 1985 Mar–Apr;20(2):124–8

Objectively evaluating student case presentations. Blane CE, et al. **Invest Radiol** 1985 Mar–Apr;20(2):121–3

The development of a standard set of chest radiographs to test a radiologist's expertise. Wandtke JC. **Invest Radiol** 1984 Mar–Apr;19(2):152–6

Selection of medical technology students in a hospital-based program. Bobek JR, et al. **J Allied Health** 1984 Aug;13(3):197–204

Comparison of dental students' academic performance using honors/pass/fail and letter grades. Leske GS, et al. **J Dent Educ** 1985 Mar;49(3):176–8

Are complex multiple-choice options more difficult and discriminating than conventional multiple-choice options? Tripp A, et al. **J Nurs Educ** 1985 Mar;24(3):92–8

A method of assessment during vocational training: report of a pilot study. Stanley IM, et al. **J R Coll Gen Pract** 1985 Jan;35(270):9–14

Group testing and its effectiveness in learning selected nursing concepts. Durrant LK, et al. **J R Soc Health** 1985 Jun;105(3):107–11

Reliability, validity and efficiency of multiple choice question and patient management problem item formats in assessment of clinical competence. Norcini JJ, et al. **Med Educ** 1985 May;19(3):238–47

Objective measurement of clinical performance. Norman GR. **Med Educ** 1985 Jan;19(1):43–7

Modified essay question. Stratford P, et al. **Phys Ther** 1985 Jul;65(7):1075–9

A comparison of traditional assessment with the objective structured clinical examination (OSCE). Coovadia HM, et al. **S Afr Med J** 1985 May 17;67(20):810–2

Factors affecting the reliability of an objective structured clinical examination (OSCE) test in neurology. Gledhill RF, et al. **S Afr Med J** 1985 Mar 23;67(12):463–7

Equitable evaluation in the teaching of integrated clinical medicine. Pretorius JP, et al. **S Afr Med J** 1985 Feb 16;67(7):254–5

Assessment of medical student fund of knowledge in surgery. Lawrence PF, et al. **Surgery** 1985 Jun;97(6):745–9

Oral examinations: actual and perceived contributions to surgery clerkship performance. Zelenock GB, et al. **Surgery** 1985 Jun;97(6):737–44

[Post-graduate programmed examination in surgery] Knobloch J, et al. **Rozhl Chir** 1984 Dec;63(12):789–92 (Eng. Abstr.) **(Cze)**

[The practical clinical examination; a critical study] Metz JC. **Ned Tijdschr Geneeskd** 1985 Apr 27;129(17):796–8 **(Dut)**

[The place of docimology in medical education] Barrès G, et al. **Bull Acad Natl Med (Paris)** 1984 May–Jun;168(5–6):568–76 **(Fre)**

[Improvement of the examination for medical practitioners] Abe R. **Nippon Geka Gakkai Zasshi** 1985 Feb;86(2):117–20 **(Jpn)**

[Examination by test as an objective method for the evaluation of students' knowledge of gynecology] Strizhakov AN, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):76–7 **(Rus)**

[Conducting complex state examinations in hygiene in the Department of Sanitation and Hygiene] Chernenko VD, et al. **Gig Sanit** 1985 Feb;(2):40–3 **(Rus)**

[Control of student knowledge in a clinical discipline] Zhiugzhda AIu, et al. **Klin Med (Mosk)** 1985 Apr;63(4):137–40 (Eng. Abstr.) **(Rus)**

STANDARDS

[The 1985 preclinical examination scandal. Important notes on the preclinical examinations in the spring of 1985] Boelcke G. **Dtsch Med Wochenschr** 1985 Sep 27;110(39):1479–82 **(Ger)**

EDUCATIONAL STATUS

The effects of maternal smoking, physical stature, and educational attainment on the incidence of low birth weight. Kleinman JC, et al. **Am J Epidemiol** 1985 Jun;121(6):843–55

Re: 'Is an educated wife hazardous to your health'? Vernon SW, et al. **Am J Epidemiol** 1985 Jul;122(1):191–4

Cognitive, psychotic, or educational impairment in schizophrenia? [letter] Goldstein PC, et al. **Am J Psychiatry** 1984 Nov;141(11):1489–90

Ketamine: effect of literacy on emergence phenomena. Currie MA, et al. **Ann R Coll Surg Engl** 1984 Nov;66(6):424–5

The threshold hypothesis: evidence from less developed Latin American countries, 1950 to 1980. Cutright P, et al. **Demography** 1984 Nov;21(4):459–73

The educated epileptic. Miranti JP. **GP** 1968 Jan;37(1):112–3

Level of education, coronary risk factors and cardiovascular disease. Mulcahy R, et al. **Ir Med J** 1984 Oct;77(10):316–8

Director of nursing effectiveness. DON and CEO perspectives and implications for education. Freund CM. **J Nurs Adm** 1985 Jun;15(6):25–30

Effect of maternal education on prognosis of development in children with Down syndrome. Sharav T, et al. **Pediatrics** 1985 Sep;76(3):387–91

Representation of spatial relations on the specific test, Draw-A-Person-With-Face-In-Front, as indicative of literacy skills in Australian aboriginals and 'Westerners'. Pontius AA. **Percept Mot Skills** 1984 Aug;59(1):275–84

EDWARDS PERSONAL PREFERENCE SCHEDULE see under **PERSONALITY INVENTORY**

EEL, CONGO see **URODELA**

EEL, ELECTRIC see **ELECTROPHORUS**

EELS

ANATOMY & HISTOLOGY

Fine structure and histochemistry of club cells in the skin of three species of eel. Whitear M, et al. **Z Mikrosk Anat Forsch** 1984;98(4):481–501

METABOLISM

Metabolism of furazolidone in eels. Nakabeppu H, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4193–6

Fish growth hormone enhances peripheral conversion of thyroxine to triiodothyronine in the eel (Anguilla anguilla L.). de Luze A, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):308–12

Human chorionic gonadotrophin and immature fish ovary: characterization and mechanism of the in vitro stimulation of cyclic adenosine monophosphate accumulation. Salmon C, et al. **Gen Comp Endocrinol** 1985 Apr;58(1):101–8

Capillary gas chromatographic determination of some chlorobiphenyls in eel fat: interlaboratory study. Tuinstra LG, et al. **J Assoc Off Anal Chem** 1985 Jul–Aug;68(4):756–9

PARASITOLOGY

[Appearance of Anguillicola australiensis Johnston and Mawson, 1940 (Dracuncoloidea: Anguillicolidae) in Anguilla anguilla of Lake Bracciano] Paggi L, et al. **Parassitologia** 1982 Dec;24(2–3):139–44 (Eng. Abstr.) **(Ita)**

PHYSIOLOGY

Iron-rich particles in European eel (Anguilla anguilla L.). Hanson M, et al. **Comp Biochem Physiol [A]** 1984;79(2):311–6

Effects of 5-HT serotonin on spontaneous locomotor activity of eels. Genot G, et al. **Comp Biochem Physiol [C]** 1984;79(1):189–92

Control of renal and adrenocortical function by the renin-angiotensin system in two euryhaline teleost fishes. Kenyon CJ, et al. **Gen Comp Endocrinol** 1985 Apr;58(1):93–100

Effects of fasting, pancreatectomy, and hypophysectomy in the yellow eel, Anguilla rostrata. Lewis TL, et al. **Gen Comp Endocrinol** 1984 Aug;55(2):182–94

EFFERENT PATHWAYS

ANATOMY & HISTOLOGY

Retrograde double labeling of neurons: the combined use of horseradish peroxidase and diamidino yellow dihydrochloride (DY X 2HCl) compared with true blue and DY X 2HCl in rat descending brainstem pathways. Cavada C, et al. **Brain Res** 1984 Aug 6;308(1):123–36

The intercollicular region in the cat: a possible relay in the parallel somatosensory pathways from the dorsal column nuclei to the posterior complex of the thalamus. Itoh K, et al. **Brain Res** 1984 Aug 6;308(1):166–71

The projection to the mesencephalon from the dorsal column nuclei. An anatomical study in the cat. Wiberg M, et al. **Brain Res** 1984 Oct 8;311(2):225–44

A quantitative analysis of the afferent and extrinsic efferent innervation of specific regions of the bladder and urethra in the cat. Downie JW, et al. **Brain Res Bull** 1984 Jun;12(6):735–40

The connections of the mouse olfactory bulb: a study using orthograde and retrograde transport of wheat germ agglutinin conjugated to horseradish peroxidase. Shipley MT, et al. **Brain Res Bull** 1984 Jun;12(6):669–88

An HRP study of hypothalamo-cerebellar and cerebello-hypothalamic connections in squirrel monkey (Saimiri sciureus). Haines DE, et al. **J Comp Neurol** 1984 Nov 10;229(4):559–75

Midbrain tegmental projections of nucleus reticularis thalami of cat and monkey: a retrograde transport and antidromic invasion study. Parent A, et al. **J Comp Neurol** 1984 Nov 10;229(4):548–58

The cortical projection of the basolateral amygdaloid nucleus in the rat: a retrograde fluorescent dye study. Sripanidkulchai K, et al. **J Comp Neurol** 1984 Nov 1;229(3):419–31

Thalamic projections of nucleus reticularis thalami of cat: a study using retrograde transport of horseradish peroxidase and fluorescent tracers. Steriade M, et al. **J Comp Neurol** 1984 Nov 10;229(4):531–47

PHYSIOLOGY

Central representation and functional connections of afferent and efferent pathways of Helix pomatia L. lip nerves. Hernádi L, et al. **Acta Biol Hung** 1984;35(1):49–69

Efferent sympathetic nervous control of rectal motility in the cat. Hedlund H, et al. **Acta Physiol Scand** 1984 Aug;121(4):317–24

Vagal inhibition of respiratory-linked efferent activity in the carotid sinus nerve. Kostreva DR, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R681–6

Role of ventromedial hypothalamus on sympathetic efferents of brown adipose tissue. Niijima A, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R650–4

An anterograde HRP-WGA study of aberrant corticorubral projections following neonatal lesions of the rat sensorimotor cortex. Naus C, et al. **Exp Brain Res** 1985;59(2):365–71

ULTRASTRUCTURE

A freeze-fracture study of afferent and efferent synapses of hair cells in the sensory epithelium of the organ of Corti in the guinea pig. Saito K, et al. **Cell Tissue Res** 1984;238(3):437–46

EFFICIENCY

see related
FATIGUE

Assessing and improving productivity in the operating room. Davis DL. **AORN J** 1984 Oct;40(4):630–4

Personnel productivity and cost effectiveness. A model for evaluation in the OR. Hanson RL, et al. **AORN J** 1985 Jun;41(6):1070–1, 1073–4, 1076

Efficient OR scheduling. A study to decrease cancellations. Kelley MG, et al. **AORN J** 1985 Mar;41(3):565–7

Competitive employment: assessing employee reactivity to naturalistic observation. Rusch FR, et al. **Appl Res Ment Retard** 1984;5(3):339–51

Sustained performance with short evening and morning sleeps. Nicholson AN, et al. **Aviat Space Environ Med** 1985 Feb;56(2):105–14

Self-efficacy and health. O'Leary A. **Behav Res Ther** 1985;23(4):437–51 (101 ref.)

Productivity and health of Japanese workers--past, present and future. Noro K. **Ergonomics** 1985 Jun;28(6):829–33

The organizational effectiveness paradigm in health care management. Bedard JC, et al. **Health Care Manage Rev** 1984 Fall;9(4):67–75

Ambulatory visit groups: a framework for measuring productivity in ambulatory care. Fetter RB, et al. **Health Serv Res** 1984 Oct;19(4):415–37

Predicting social workers' expenditure of time with hospital patients. Coulton CJ, et al. **Health Soc Work** 1985 Winter;10(1):35–44

Evidence of improvement in deficient gastroenterological diagnosis--a regional experience report. Gibiński K, et al. **Hepatogastroenterology** 1984 Dec;31(6):274–6

Erie, PA, hospital achieves 'productivity without trauma'. Evans JF. **Hospitals** 1984 Nov 16;58(22):93–6

Management blamed for VA inefficiency [news] Finn J. **Hospitals** 1985 Sep 16;59(18):39–40

Productivity efforts on the rise. Harju M, et al. **Hospitals** 1984 Nov 16;58(22):89–90

Operational efficiency and time of day. Craig A, et al. **Hum Factors** 1984 Apr;26(2):197–205

Do HMOs produce specific services more efficiently? Arnould RJ, et al. **Inquiry** 1984 Fall;21(3):243–53

The impact of residency training on the productivity of family physicians. Cherkin DC, et al. **Inquiry** 1984 Summer;21(2):152–60

Productivity and safety in worker cooperatives and conventional firms. Grunberg L, et al. **Int J Health Serv** 1984;14(3):413–32

Strategies for increasing productivity. Brendel EK, et al. **J Am Diet Assoc** 1985 Aug;85(8):966–9

Measuring the productivity of a hospital's clinical laboratory. Paschke P, et al. **J Med Syst** 1984 Aug;8(4):265–77

Work sampling. Analyzing nursing staff productivity. Hagerty BK, et al. **J Nurs Adm** 1985 Sep;15(9):9–14

Increasing productivity through performance evaluation. Lachman VD. **J Nurs Adm** 1984 Dec;14(12):7–14

Nursing algorithms. Thornton LM. **J Nurs Adm** 1985 Jan;15(1):11–5

Hospital efficiency measurement and evaluation. Empirical test of a new technique. Sherman HD. **Med Care** 1984 Oct;

22(10):922-38

Productivity in medicine. The Japanese connection. Wassersug JD. **Postgrad Med** 1985 Jul;78(1):96-8, 102

Managing for competitive advantage in price-driven markets. Channon B, et al. **Top Health Care Financ** 1984 Winter; 11(2):72-8

[Methodological criteria for the choice of therapeutic procedures] Castelo Filho A, et al. **AMB** 1984 May-Jun; 30(5-6):115-20 (Eng. Abstr.) (Por)

[Methods of increasing labor productivity in bacteriological laboratories] Polovoĭ AM, et al. **Lab Delo** 1984;(10):628-39 (Eng. Abstr.) (Rus)

[Role of the 'health shop' in further reducing sick leave and increasing productivity] Braga GF, et al. **Sov Zdravookhr** 1984;(10):22-5 (Eng. Abstr.) (Rus)

[Development and implementation of systems evaluation of medical work] Ol'shanskiĭ BTs. **Sov Zdravookhr** 1984; (10):14-8 (Rus)

PHYSIOLOGY

The efficiency of human movement--a statement of the problem. Cavanagh PR, et al. **Med Sci Sports Exerc** 1985 Jun;17(3):304-8

Mechanical and muscular factors affecting the efficiency of human movement. Cavanagh PR, et al. **Med Sci Sports Exerc** 1985 Jun;17(3):326-31 (33 ref.)

A physiologist's view of running economy. Daniels JT. **Med Sci Sports Exerc** 1985 Jun;17(3):332-8 (86 ref.)

[Efficiency of human job activities in relation to psycho-physiological characteristics] Iurovskikh VG. **Fiziol Cheloveka** 1984 Jan-Feb;10(1):94-103 (Rus)

[Factors determining the efficiency of voluntary decreased ventilation during muscle work by using instrumental feedback] Kuchkin SN. **Fiziol Cheloveka** 1984 Jul-Aug; 10(4):623-30 (Rus)

[Performance of the isolated perfused soleus muscle of the rat] Aliukhin IuS. **Fiziol Zh SSSR** 1985 Apr;71(4):493-9 (Eng. Abstr.) (Rus)

[Efficiency of muscle work in white rats adapting to cold] Tkachenko EIa, et al. **Fiziol Zh SSSR** 1985 Mar; 71(3):337-41 (Eng. Abstr.) (Rus)

[Evaluation of the performance reliability of power unit operators by physiological functions] Posokhina SA, et al. **Gig Sanit** 1985 Jun;(6):36-9 (Eng. Abstr.) (Rus)

[Body function and the work quality of operators of power-generating units during work of varying intensity] Pal'tsev IuP, et al. **Gig Tr Prof Zabol** 1984 Aug;(8):37-42 (Eng. Abstr.) (Rus)

EFFORT see **EXERTION**

EFFORT SYNDROME see **NEUROCIRCULATORY ASTHENIA**

EGG see **OVUM**

EGG PROTEINS

Oxidation and reduction of cytochrome c bound to the phosphoprotein phosvitin. Yoshimura T, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):50-7

Sialic acid-containing sugar chains of hen ovalbumin and ovomucoid. Yamashita K, et al. **Carbohydr Res** 1984 Jul 15;130:271-88

Lattice parameters as revealed by electron microscopy and a comparison between lipoprotein crystals from cyclostome eggs formed in vivo and in vitro. Lange RH. **J Mol Biol** 1984 Nov 15;179(4):765-8

Preparation of single crystals of a yolk lipoprotein. Meininger T, et al. **J Mol Biol** 1984 Nov 15;179(4):759-64

Multiple-step relayed correlation spectroscopy: sequential resonance assignments in oligosaccharides. Homans SW, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6286-9

Ovostatin: a proteinase inhibitor in egg whites that is homologous to alpha 2-macroglobulin. Nagase H, et al. **Prog Clin Biol Res** 1985;180:283-5

ADMINISTRATION & DOSAGE

Preliminary report on histamine release, circulating immune complexes, and complement activation in children with atopic dermatitis after oral challenge with milk and egg antigens. Boner AL, et al. **Ann Allergy** 1985 May; 54(5):442-5

Utilization and requirement of egg protein in Japanese women. Kaneko K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Feb;31(1):43-52

ADVERSE EFFECTS

Type I allergy to egg and milk proteins: comparison of skin prick tests with nasal, buccal and gastric provocation tests. Amlot PL, et al. **Int Arch Allergy Appl Immunol** 1985; 77(1-2):171-3

Safe administration of influenza vaccine in asthmatic children hypersensitive to egg proteins. Murphy KR, et al. **J Pediatr** 1985 Jun;106(6):931-3

ANALYSIS

Studies on the apoproteins of the major lipoprotein of the yolk of hen's eggs. V. Protein sulfhydryl groups: accessibility in the lipoprotein and the effect of temperature. Nguyen TH, et al. **Aust J Biol Sci** 1984; 37(1-2):7-16

Biochemical characterization of five glycoprotein molecules of the porcine zona pellucida. Czuppon AB, et al. **Biochem Int** 1985 Jul;11(1):21-34

Amino acid sequence of phosvitin derived from the nucleotide sequence of part of the chicken vitellogenin gene. Byrne BM, et al. **Biochemistry** 1984 Sep 11; 23(19):4275-9

ANTAGONISTS & INHIBITORS

The crystal and molecular structure of the third domain of silver pheasant ovomucoid (OMSVP3). Bode W, et al. **Eur J Biochem** 1985 Mar 1;147(2):387-95

BIOSYNTHESIS

Nuclear synthesis of egg white protein messenger ribonucleic acids in chick oviduct: effects of the anti-estrogen tamoxifen on estrogen-, progesterone-, and dexamethasone-induced synthesis. Schweizer G, et al. **Biochemistry** 1985 Mar 26;24(7):1742-9

Regulation of stage-specific gene expression during early mouse development: effect of cytochalasin B and aphidicolin on stage-specific protein synthesis in mouse eggs. Petzoldt U. **Cell Differ** 1984 Dec;15(2-4):163-7

Effects of progesterone and tamoxifen on glucocorticosteroid-induced egg-white protein synthesis in the chick oviduct. Le Bouc Y, et al. **Endocrinology** 1985 Jun;116(6):2384-92

Effects of serial hormone treatments on egg white protein synthesis. Further evidence of translational regulation. Seaver SS, et al. **J Steroid Biochem** 1984 Dec;21(6):737-43

[Effect of graded nitrogen supplements on egg protein synthesis and body protein retention in broiler hens] Halle I, et al. **Arch Tierernahr** 1984 Sep;34(9):615-21 (Eng. Abstr.) (Ger)

CHEMICAL SYNTHESIS

Synthetic study on the structure-activity relationship of sperm activating peptides from the jelly coat of sea urchin eggs. Nomura K, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):974-82

GENETICS

Yolk polypeptide gene expression in Minute Drosophila females. Walker VK. **Biochem Genet** 1985 Jun; 23(5-6):363-78

Sex-specific regulation of yolk protein gene expression in Drosophila. Belote JM, et al. **Cell** 1985 Feb;40(2):339-48

DNA sequence of a 3.8 kilobase pair region controlling Drosophila chorion gene amplification. Levine J, et al. **Chromosoma** 1985;92(2):136-42

Coding and potential regulatory sequences of a cluster of chorion genes in Drosophila melanogaster. Wong YC, et al. **Chromosoma** 1985;92(2):124-35

Isolation and chromosomal location of putative vitelline membrane genes in Drosophila melanogaster. Mindrinos MN, et al. **EMBO J** 1985 Jan;4(1):147-53

Chicken egg white genes: multihormonal regulation in a primary cell culture system. Sanders MM, et al. **Endocrinology** 1985 Jan;116(1):398-405

Diversity in a chorion multigene family created by tandem duplications and a putative gene-conversion event. Rodakis GC, et al. **J Mol Evol** 1984;20(3-4):265-73

Silkmoth chorion gene families contain patchwork patterns of sequence homology. Eickbush TH, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2814-8

Independent control elements that determine yolk protein gene expression in alternative Drosophila tissues. Garabedian MJ, et al. **Proc Natl Acad Sci USA** 1985 Mar; 82(5):1396-400

Nucleotide sequence of an unusual regionally expressed silkmoth chorion RNA: predicted primary and secondary structures of an architectural protein. Regier JC, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6035-9

IMMUNOLOGY

Human IgE antibody to the carbohydrate-containing third domain of chicken ovomucoid. Matsuda T, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):505-10

Skin-test reactivity to egg protein--exposure by inhalation compared with ingestion. Edwards JH, et al. **Clin Allergy** 1985 Mar;15(2):147-50

Immunization with zona pellucida proteins results in abnormal ovarian follicular differentiation and inhibition of gonadotropin-induced steroid secretion. Skinner SM, et al. **Endocrinology** 1984 Dec;115(6):2418-32

Allergens in the white and yolk of hen's egg. A study of IgE binding by egg proteins. Anet J, et al. **Int Arch Allergy Appl Immunol** 1985;77(3):364-71

ISOLATION & PURIFICATION

Phosvitins in Fundulus oocytes and eggs. Preliminary chromatographic and electrophoretic analyses together with biological considerations. Wallace RA, et al. **J Biol Chem** 1985 Sep 15;260(20):11268-74

METABOLISM

Selective reduction of a disulphide bridge in hen ovotransferrin. Williams J, et al. **Biochem J** 1985 Jun 15; 228(3):661-5

Intramolecular electron and proton transfer in proteins: CO2- reduction of riboflavin binding protein and ribonuclease A. Faraggi M, et al. **Biochemistry** 1985 Jun 18; 24(13):3273-9

A specific subunit of vitellogenin that mediates receptor binding. Woods JW, et al. **Biochemistry** 1984 Nov 20; 23(24):5774-80

Interaction of oxidized chicken ovotransferrin with chicken embryo red blood cells. Penner MH, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):389-95

Endosomes transfer yolk proteins to lysosomes in the vitellogenic oocyte of the trout. Busson-Mabillot S. **Biol Cell** 1984;51(1):53-66

Major protein changes during vitellogenesis and maturation of Fundulus oocytes. Wallace RA, et al. **Dev Biol** 1985 Aug;110(2):492-8

Identification of a 60-kDa phosphoprotein that binds stored messenger RNA of Xenopus oocytes. Dearsly AL, et al. **Eur J Biochem** 1985 Jul 1;150(1):95-103

Effect of alkylation with different sized substituents on the conformation of ovomucoid, lysozyme and ovotransferrin. Fretheim K, et al. **Int J Pept Protein Res** 1985 Jun; 25(6):601-7

New method for covalent immobilization of proteins to cellulose and cellulose derivatives. Krysteva MA, et al. **J Appl Biochem** 1984 Oct-Dec;6(5-6):367-73

Tyrosine sulfation of yolk proteins 1, 2, and 3 in Drosophila melanogaster. Baeuerle PA, et al. **J Biol Chem** 1985 May 25;260(10):6434-9

[Effect of trypsin inhibitor on proteolysis of dietary proteins in experiments in vivo] Sadykova RE. **Vopr Pitan** 1984 Jul-Aug;(4):65-6 (Rus)

PHARMACODYNAMICS

Interaction between trypsin-like enzyme from Streptomyces erythraeus and chicken ovomucoid. Nagata K, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1041-9

Antifungal activity of ovotransferrin towards genus Candida. Valenti P, et al. **Mycopathologia** 1985 Mar;89(3):169-75

EGG SHELL

The structure of the shell membrane, the development and structural change of the amnion and chorioallantoic membrane during hatching in the goose. Fehér G. **Anat Histol Embryol** 1984 Dec;13(4):285-99

Bacterial penetration of the recently oviposited shell of hens' eggs. Sparks NH, et al. **Aust Vet J** 1985 May;62(5):169-70

Synergistic effects of 1,25(OH)2D3 and 24,25(OH)2D3 on duodenal CaBP in rachitic chicks and on eggshell weight in Japanese quails. Rambeck WA, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):799-804

The effects of eggshell porosity on blood-gas and acid-base status of domestic fowl embryos within eggs of the same weight. Tullett SG, et al. **Comp Biochem Physiol** [A] 1985; 81(1):137-42

Parathyroid hormone responses to calcium stress during eggshell calcification. van de Velde JP, et al. **Endocrinology** 1984 Nov;115(5):1901-4

Relationships among fertility, sperm storage, and shell quality. Bilgili SF, et al. **Poult Sci** 1984 Nov;63(11):2292-5

The effect of marginal levels of calcium, fish meal, torula yeast and alfalfa meal on feed intake, hepatic lipid accumulation, plasma estradiol, and egg shell quality among laying hens. Bolden SL, et al. **Poult Sci** 1985 May; 64(5):937-46

Relationship of plasma corticosterone and adrenal cholesterol and corticosterone to the production of soft-shelled and shell-less eggs. Klingensmith PM, et al. **Poult Sci** 1984 Sep; 63(9):1841-5

Increasing hatchability of turkey eggs by matching incubator humidity to shell conductance of individual eggs. Meir M, et al. **Poult Sci** 1984 Aug;63(8):1489-96

Arterial blood gas, pH, and bicarbonate values in laying hens selected for thick or thin eggshell production. Wideman RF Jr, et al. **Poult Sci** 1985 May;64(5):1015-9

[Development trend of DDE-induced eggshell thinning of the white-tailed eagle, Haliaeëtus albicilla (L.) in East Germany] Oehme G. **Z Gesamte Hyg** 1984 Dec; 30(12):724-5 (Eng. Abstr.) (Ger)

ANALYSIS

Organochlorine pesticide, polychlorobiphenyl, and mercury residues in bald eagle eggs--1969-79--and their relationships to shell thinning and reproduction. Wiemeyer SN, et al. **Arch Environ Contam Toxicol** 1984 Sep; 13(5):529-49

Effects of suppression of eggshell calcification and of 1,25(OH)2D3 on Mg2+, Ca2+ and Mg2+HCO-3 ATPase, alkaline phosphatase, carbonic anhydrase and CaBP levels--II. The laying hen intestine. Nys Y, et al. **Comp Biochem Physiol** [A] 1984;78(4):839-44

Effects of suppression of eggshell calcification and of 1,25(OH)2D3 on Mg2+, Ca2+ and Mg2+HCO-3 ATPase, alkaline phosphatase, carbonic anhydrase and CaBP levels--I. The laying hen uterus. Nys Y, et al. **Comp Biochem Physiol** [A] 1984;78(4):833-8

External incubation alters the composition of squamate eggshells. Cox DL, et al. **Comp Biochem Physiol** [B] 1984; 79(3):481-7

Magnesium, calcium, and phosphorus content of shells from hatching and nonhatching turkey eggs. Christensen VL, et al. **Poult Sci** 1985 May;64(5):1020–7

ANATOMY & HISTOLOGY

Pores in avian eggshells: gas conductance, gas exchange and embryonic growth rate. Ar A, et al. **Respir Physiol** 1985 Jul;61(1):1–20

DRUG EFFECTS

Changes in eggshell thickness during incubation: implications for evaluating the impact of organochlorine contaminants on productivity. Bunck CM, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):173–82

METABOLISM

Variability of shell conductance and gas exchange of chicken eggs. Visschedijk AH, et al. **Respir Physiol** 1985 Mar; 59(3):339–45

ULTRASTRUCTURE

Development of preferred orientation in the eggshell of the domestic fowl. Sharp RM, et al. **Biophys J** 1984 Aug; 46(2):175–9

EGG WHITE

see related

OVALBUMIN

Epidermal cells bearing both I–A and I–E subregion antigens can induce hen egg white lysozyme–specific T lymphocyte proliferation. Katoh K, et al. **J Dermatol (Tokyo)** 1985 Feb; 12(1):20–30

The effect of egg aging on the proteolytic activity and thermostability of egg–white protein (short communication). Niewiarowicz A, et al. **Nahrung** 1985; 29(3):309–12

ADVERSE EFFECTS

Allergy to hen's egg white in atopic dermatitis. Langeland T. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:109–12

EGG hypersensitivity as measured by RAST and a reverse enzyme–immunoassay. Domínguez J, et al. **Allergy** 1984 Oct;39(7):529–33

Danger of egg white treatment for nappy rash [letter] Court J, et al. **Arch Dis Child** 1984 Sep;59(9):908

[An unexpected severely allergic reaction to infant food in 2 children with known allergies to cow's milk and egg white] Arkesteijn CL, et al. **Ned Tijdschr Geneeskd** 1985 Jan 19;129(3):123–5 (Eng. Abstr.) **(Dut)**

ANALYSIS

Early stages in the trifluoroethanol–induced unfolding of hen egg–white lysozyme and its complex with (GlcNAc)3. Galat A. **Biochim Biophys Acta** 1985 Mar 1;827(3):221–7

Comparison of the amino acid sequences of hen plasma–, yolk–, and white–riboflavin binding proteins. Norioka N, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):19–28

Crystallization of chicken egg white cystatin, a low molecular weight protein inhibitor of cysteine proteinases, and preliminary X–ray diffraction data. Bode W, et al. **J Mol Biol** 1985 Jan 20;181(2):331–2

Crystallization of hen egg–white avidin in a tetragonal form. Gatti G, et al. **J Mol Biol** 1984 Sep 25;178(3):787–9

Crystallization of hen eggwhite riboflavin–binding protein. Zanette D, et al. **J Mol Biol** 1984 Dec 25;180(4):1185–7

Effects of serial hormone treatments on egg white protein synthesis. Further evidence of translational regulation. Seaver SS, et al. **J Steroid Biochem** 1984 Dec;21(6):737–43

[Medico–legal analysis of volatile poisons from severely burned organs. 1. A basic study on toluene] Tanaka N, et al. **Nippon Hoigaku Zasshi** 1984 Apr;38(2):218–23 (Eng. Abstr.) **(Jpn)**

[Partitioning and concentration of egg lysozyme between the serum and paranasal tissue after administration of egg lysozyme] Ishida M, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Dec;87(12):1678–83 (Eng. Abstr.) **(Jpn)**

EGG YOLK

Effect of egg yolk feeding on the concentration and composition of serum lipoproteins in man. Beynen AC, et al. **Atherosclerosis** 1985 Feb;54(2):157–66

Use of egg yolk to determine antibody levels in chickens inoculated with a hemagglutinating duck adenovirus (adenovirus 127–like). Piela TH, et al. **Avian Dis** 1985 Apr–Jun;29(2):457–64

Use of egg yolk in serological tests (ELISA and HI) to detect antibody to Newcastle disease, infectious bronchitis, and Mycoplasma gallisepticum. Piela TH, et al. **Avian Dis** 1984 Oct–Dec;28(4):877–83

Egg yolk immunoglobulin Y as an alternative antibody in the serology of echinococcosis. Gottstein B, et al. **Z Parasitenkd** 1985;71(2):273–6

ANALYSIS

Studies on the apoproteins of the major lipoprotein of the yolk of hen's eggs. V. Protein sulfhydryl groups: accessibility in the lipoprotein and the effect of temperature. Nguyen TH, et al. **Aust J Biol Sci** 1984; 37(1–2):7–16

The effect of oxytetracycline on the fat content and fatty acid composition of the egg yolk. Shaddad SA, et al. **Comp Biochem Physiol [C]** 1985;81(1):223–6

Analysis of changes in a yolk glycoprotein complex in the developing sea urchin embryo. Kari BE, et al. **Dev Biol** 1985 Mar;108(1):18–25

Acid proteases from the yolk and the yolk–sac of the hen's egg. Purification, properties and identification as cathepsin D. Wouters J, et al. **Int J Biochem** 1985;17(3):405–13

Comparison of the amino acid sequences of hen plasma–, yolk–, and white–riboflavin binding proteins. Norioka N, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):19–28

IMMUNOLOGY

Allergy to egg yolk possibly induced by sensitization to bird serum antigens. de Maat–Bleeker F, et al. **Ann Allergy** 1985 Mar;54(3):245–8

EGGS

Effect of dietary egg on variability of plasma cholesterol levels and lipoprotein cholesterol. Oh SY, et al. **Am J Clin Nutr** 1985 Sep;42(3):421–31

Absorption and retention of selenium from intrinsically labeled egg and selenite as determined by stable isotope studies in humans. Sirichakwal PP, et al. **Am J Clin Nutr** 1985 Feb;41(2):264–9

A device for the nondestructive decontamination of large volumes of infected egg waste. Ackland NR, et al. **Appl Environ Microbiol** 1985 Apr;49(4):920–4

Incubation temperature in relation to postnatal performance in chickens. Decuypere E. **Arch Exp Veterinarmed** 1984 May;38(3):439–49

Effects of late prenatal temperatures on some thermoregulatory aspects in young chickens. Minne B, et al. **Arch Exp Veterinarmed** 1984 May;38(3):374–83

Inter–relationship between egg weight, parental age and embryonic development. Shanawany MM. **Br Poult Sci** 1984 Oct;25(4):449–55

Influence of egg storage on hatchability, embryonic development and vitamin status in hatching broiler chicks. Whitehead CC, et al. **Br Poult Sci** 1985 Apr;26(2):221–8

The effect of total body gamma–irradiation on mortality, egg production and egg weight of Japanese quails. Baumgartner J. **Int J Radiat Biol** 1985 May;47(5):591–7

Effect of egg supplements on serum lipids in uremic patients. Green EM, et al. **J Am Diet Assoc** 1985 Mar;85(3):355–7

Histopathological study on rats fed iodine–enriched eggs long–term (7 and 19 months). Tanaami S, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Feb;31(1):29–42

The frequency of salmonellae on duck eggs. Baker RC, et al. **Poult Sci** 1985 Apr;64(4):646–52

The effect of cyclic and constant ambient temperatures on feed consumption, egg production, egg weight, and shell thickness of hens. Emery DA, et al. **Poult Sci** 1984 Oct; 63(10):2027–35

The effect of pelleting the layer ration on egg size in early–housed brown–egg–type layers. Kling LJ, et al. **Poult Sci** 1985 Jun;64(6):1242–4

Effects of early maturation of brown egg–type pullets, flock uniformity, layer protein level, and cage design on egg production, egg size, and egg quality. Kling LJ, et al. **Poult Sci** 1985 Jun;64(6):1050–9

Comparison of dwarf and normal broiler breeder hens. Kousiakis D, et al. **Poult Sci** 1985 May;64(5):795–802

Shell quality as influenced by zeolite with high ion–exchange capability. Roland DA Sr, et al. **Poult Sci** 1985 Jun; 64(6):1177–87

Effect of dietary phosphorus level and source on productive performance and egg quality of two commercial strains of laying hens. Said NW, et al. **Poult Sci** 1984 Oct; 63(10):2007–19

Occurrence and significance of infectious bronchitis virus variant strains in egg and broiler production in the Netherlands. Davelaar FG, et al. **Vet Q** 1984 Jul; 6(3):114–20

[Effect of illumination of the chick embryo on hatchability, length of incubation and hematopoiesis] Bednarczyk MF, et al. **Ann Rech Vet** 1984;15(3):411–6 (Eng. Abstr.) **(Fre)**

ANALYSIS

DDE residues and artificial incubation of loggerhead sea turtle eggs. Clark DR Jr, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):121–5

Disappearance of organochlorine residues from abdominal and egg fats of chickens, Ontario, Canada, 1969–1982. Frank R, et al. **J Assoc Off Anal Chem** 1985 Jan–Feb; 68(1):124–9

Long–term preservation of egg and tissue homogenates for determination of organochlorine compounds: freezing versus freeze–drying. Norstrom RJ, et al. **J Assoc Off Anal Chem** 1985 Jan–Feb;68(1):129–35

Determination of furazolidone residues in eggs by HPLC followed by confirmation with a diode–array UV/Vis detector. Beek WM, et al. **Z Lebensm Unters Forsch** 1985 Mar;180(3):211–4

[Determination of monensin in eggs] Karkocha I. **Rocz Panstw Zakl Hig** 1984;35(3):247–8 (Eng. Abstr.) **(Pol)**

[Detection of flavomycin in eggs] Rybińska K. **Rocz Panstw Zakl Hig** 1984;35(2):131–3 (Eng. Abstr.) **(Pol)**

EGO

Identity foreclosure in early adolescence: a problem of narcissistic equilibrium. Burch CA. **Adolesc Psychiatry** 1985;12:145–61

Guilt and self–idealization. Gállego Meré A. **Am J Psychoanal** 1984 Fall;44(3):290–300

Recent sociohistorical trends and the ascent of Kohutian 'self–psychology'. Lawner P. **Am J Psychoanal** 1985 Summer;45(2):152–9

Panic attacks, hypochondriasis, and agoraphobia: a self–psychology formulation. Diamond DB. **Am J Psychother** 1985 Jan;39(1):114–25

Emotional and cognitive factors in the borderline profile. Kretsch R, et al. **Am J Psychother** 1984 Oct;38(4):517–23

The reality and the image of God in psychotherapy. Spero MH. **Am J Psychother** 1985 Jan;39(1):75–85

Maturity of ego defenses in relation to DSM–III axis II personality disorder. Vaillant GE, et al. **Arch Gen Psychiatry** 1985 Jun;42(6):597–601

Ego development in female–to–male transsexual couples. Fleming M, et al. **Arch Sex Behav** 1984 Dec;13(6):581–94

Cognitive theory, object relations and the self. Ryle A. **Br J Med Psychol** 1985 Mar;58 (Pt 1):1–7

Intellectual realism: the role of children's interpretations of pictures and perceptual verbs. Pillow BH, et al. **Child Dev** 1985 Jun;56(3):664–70

Seeing and believing: children's understanding of the distinction between appearance and reality. Taylor M, et al. **Child Dev** 1984 Oct;55(5):1710–20

The resurrection of a magical reality: treatment of functional migraine in a child. O'Connor JJ. **Fam Process** 1984 Dec; 23(4):501–9

How really real is real? Speed B. **Fam Process** 1984 Dec; 23(4):511–20

Experimental psychological studies on schizophrenia: word–card distribution test and some psychological consideration. Ishida T. **Folia Psychiatr Neurol Jpn** 1984; 38(2):91–110

An empirical evaluation of the neurolinguistic programming model. Coe WC, et al. **Int J Clin Exp Hypn** 1985 Oct; 33(4):310–8

The self in groups. Horwitz L. **Int J Group Psychother** 1984 Oct;34(4):519–40

Cult groups and the narcissistic personality: the offer to heal defects in the self. Kriegman D, et al. **Int J Group Psychother** 1985 Apr;35(2):239–61

Combined individual and group psychotherapy with children: an ego developmental perspective. Pfeifer G, et al. **Int J Group Psychother** 1985 Jan;35(1):11–35

Discussions with Anna Freud on The Ego and the Mechanisms of Defence: The Ego and the Id at Puberty. Sandler J. **Int J Psychoanal** 1983;64 (Pt 4):401–6

Impaired spatial structures. Székács J. **Int J Psychoanal** 1985; 66 (Pt 2):193–9

A change in the self: the development and transformation of an idealizing transference. Tolpin PH. **Int J Psychoanal** 1983;64 (Pt 4):461–83

The role of the mirror in human suffering and in intimacy. Goldberg C. **J Am Acad Psychoanal** 1984 Oct;12(4):511–28

Psychoanalytic theories of the self. Panel report. **J Am Psychoanal Assoc** 1982;30(3):717–33

Theories of the self and psychoanalytic concepts: discussion. Blum HP. **J Am Psychoanal Assoc** 1982;30(4):959–78

The self as fantasy: fantasy as theory. Grossman WI. **J Am Psychoanal Assoc** 1982;30(4):919–37

Self, ego, affects, and drives. Kernberg OF. **J Am Psychoanal Assoc** 1982;30(4):893–917

The self psychoanalytic theory. Rangell L. **J Am Psychoanal Assoc** 1982;30(4):863–91

The superordinate self in psychoanalytic theory and in the self psychologies. Richards AD. **J Am Psychoanal Assoc** 1982;30(4):939–57

Man's reach. Solomon RZ. **J Am Psychoanal Assoc** 1982; 30(2):325–45

Freud's ego ideals: a study of admired modern historical and political personages. Szaluta J. **J Am Psychoanal Assoc** 1983;31(1):157–86

The alternate schools and the self. Ticho EA. **J Am Psychoanal Assoc** 1982;30(4):849–62

Psychoanalysis and self psychology: a metapsychological essay with a clinical illustration. Treurniet N. **J Am Psychoanal Assoc** 1983;31(1):59–100

Symposium: Concepts of the self––the self or the Self? **J Anal Psychol** 1985 Jul;30(3):229–318

Es scale level and correlates of MMPI elevation: alcohol abuse vs. MMPI scores in treated alcoholics. Cernovsky Z. **J Clin Psychol** 1984 Nov;40(6):1502–9

Scale for the assessment of reality testing: reliability, validity, and factorial invariance. Bell MD, et al. **J Consult Clin Psychol** 1985 Aug;53(4):506–11

Dreams and reality monitoring. Johnson MK, et al. **J Exp Psychol [Gen]** 1984 Sep;113(3):329–44

Self, self–concept, identity, and homosexual identity: constructs in need of definition and differentiation. Troiden RR. **J Homosex** 1984 Winter;10(3–4):97–109

Ego development and intelligence in a psychiatric population: Wechsler subtest scores. Browning DL, et al. **J Pers Assess** 1985 Jun;49(3):260-3
Ego identity status, conformity behavior, and personality in late adolescence. Adams GR, et al. **J Pers Soc Psychol** 1984 Nov;47(5):1091-104
Revision of the sentence completion test for ego development. Loevinger J. **J Pers Soc Psychol** 1985 Feb; 48(2):420-7
Ego development in college. Loevinger J, et al. **J Pers Soc Psychol** 1985 Apr;48(4):947-62
A reexamination of nursing role conceptions. Kinney CK. **Nurs Res** 1985 May-Jun;34(3):170-6
Relationship of stress and ego energy to field-dependent perception in older adults. Daly EB. **Percept Mot Skills** 1984 Dec;59(3):919-26
Clinical perspectives on self psychology. Curtis HC. **Psychoanal Q** 1985 Jul;54(3):339-78
Oedipus complex and development of self. Loewald HW. **Psychoanal Q** 1985 Jul;54(3):435-43
Isakower-like experience on the couch: a contribution to the psychoanalytic understanding of regressive ego phenomena. Richards AD. **Psychoanal Q** 1985 Jul; 54(3):415-34
Antony and Cleopatra: the empire of the self. Faber MD. **Psychoanal Rev** 1985 Spring;72(1):71-104
Psychoanalysis in civilizational perspective: the self in India, Japan, and America. Roland A. **Psychoanal Rev** 1984 Dec; 71(4):569-90
Fantasy and reality in the oedipal phase. A conceptual overview. Abrams S. **Psychoanal Study Child** 1984; 39:83-100
A special transference. The perfect patient. Balsam RH. **Psychoanal Study Child** 1984;39:285-99
From concretism to metaphor. Thoughts on some theoretical and technical aspects of the psychoanalytic work with children of Holocaust survivors. Grubrich-Simitis I. **Psychoanal Study Child** 1984;39:301-19
Ego instincts. A concept whose time has come. Plaut EA. **Psychoanal Study Child** 1984;39:235-58
[Morphology and the identity of man] Görtz R. **Bull Acad Natl Med (Paris)** 1984 Jan-Feb;168(1-2):60-4 (Eng. Abstr.) (Fre)
[Ego, id and the unconscious] Fetscher R. **Psyche (Stuttg)** 1985 Mar;39(3):241-75 (Eng. Abstr.) (Ger)
[Construction of the self] Fetscher R. **Psyche (Stuttg)** 1985 Aug;39(8):673-707 (Eng. Abstr.) (Ger)
[Integration of self psychology and psychoanalysis on developmental psychologic principles. Demonstrated by the case of Louisa A. by P. Tolpin] Grunert U. **Psyche (Stuttg)** 1985 Aug;39(8):708-37 (Eng. Abstr.) (Ger)
[Psychoanalytic socialization—a road to autonomy?] Petri H. **Psyche (Stuttg)** 1985 Jun;39(6):481-500 (Eng. Abstr.) (Ger)
[Patricide. On the background of Freud's 'mass psychology and ego analysis'] van Ginneken J. **Psyche (Stuttg)** 1984 Dec;38(12):1124-48 (Eng. Abstr.) (Ger)
[Ego function rating by the specialist working alone in neurology and psychiatry] Schmidt P, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 May; 37(5):284-90 (Eng. Abstr.) (Ger)
[Psychoanalytic interactional therapy] Heigl-Evers A, et al. **Psychother Psychosom Med Psychol** 1985 Jul;35(7):176-82 (Eng. Abstr.) (Ger)

EGTA see under **ETHYLENE GLYCOLS**

EGYPT 101 VIRUS see **WEST NILE VIRUS**

EHDP see **SODIUM ETIDRONATE**

EHLERS-DANLOS SYNDROME

Ehlers-Danlos syndrome [letter] Jones ML. **J Am Dent Assoc** 1985 Jan;110(1):12
Ehlers-Danlos syndrome in the Western Cape. Winship IM. **S Afr Med J** 1985 Mar 30;67(13):509-11

BLOOD

Pregnancy and delivery in Ehlers-Danlos syndrome. Role of copper and zinc. Kiilholma P, et al. **Acta Obstet Gynecol Scand** 1984;63(5):437-9

COMPLICATIONS

Familial spastic ataxia associated with Ehlers-Danlos syndrome with platelet dysfunction. Chouza C, et al. **Can J Neurol Sci** 1984 Nov;11(4 Suppl):541-9
Arterial complications of Ehlers-Danlos syndrome. Sheiner NM, et al. **J Cardiovasc Surg (Torino)** 1985 May-Jun; 26(3):291-6
Hand and wrist joint problems in patients with Ehlers-Danlos syndrome. Kornberg M, et al. **J Hand Surg [Am]** 1985 Mar; 10(2):193-6
Complications of the Ehlers-Danlos syndrome in pregnancy. A case report. Rivera-Alsina ME, et al. **J Reprod Med** 1984 Oct;29(10):757-9
Joint contractures and acroosteolysis in Ehlers-Danlos syndrome type IV. Lewkonia RM, et al. **J Rheumatol** 1985 Feb;12(1):140-4
Fatal splenic rupture in Ehlers-Danlos syndrome. Harris SC, et al. **Postgrad Med J** 1985 Mar;61(713):259-60
[Bruising: a coagulation disorder, abuse or abnormality of the vessel wall?] Van Oostrom CG, et al. **Tijdschr Kindergeneeskd** 1984 Aug;52(4):152-5 (Eng. Abstr.) (Dut)
[Ehlers-Danlos disease—arteriovenous fistula] Guiolet M, et al. **Bull Soc Ophtalmol Fr** 1984 Mar;84(3):267-8 (Eng. Abstr.) (Fre)
[A case of Ehlers-Danlos syndrome with severe scoliosis surgically treated] Binazzi R, et al. **Chir Organi Mov** 1984; 69(3):275-8 (Eng. Abstr.) (Ita)
[A case report of anesthesia in a shocked obstetric patient complicated with Ehlers-Danlos syndrome] Narita M, et al. **Masui** 1984 Aug;33(8):900-4 (Eng. Abstr.) (Jpn)
[Cerebrovascular disorders in Ehlers-Danlos syndrome in children in the early development stages] Michalowicz R, et al. **Pediatr Pol** 1984 May;59(5):413-5 (Pol)
[Neurological complications in children with Ehlers-Danlos syndrome] Michalowicz R, et al. **Pediatr Pol** 1984 Jul; 59(7):599-602 (Pol)
[Cystic lung in Ehlers-Danlos syndrome] Latoś T, et al. **Wiad Lek** 1984 Mar 15;37(6):460-3 (Eng. Abstr.) (Pol)

DIAGNOSIS

Ehlers-Danlos syndrome type IV mimicking non-accidental injury in a child. Roberts DL, et al. **Br J Dermatol** 1984 Sep;111(3):341-5
[Ehlers-Danlos syndrome] Bochkova DN, et al. **Ter Arkh** 1985;57(4):140-3 (55 ref.) (Rus)

FAMILIAL & GENETIC

Presumed homozygous Ehlers-Danlos syndrome type I in a highly inbred kindred. Kozlova SI, et al. **Am J Med Genet** 1984 Aug;18(4):763-7
Ehlers-Danlos syndrome IV due to a novel defect in type III procollagen. Pyeritz RE, et al. **Am J Med Genet** 1984 Nov;19(3):607-22
Exclusion of the alpha 1(II) collagen structural gene as the mutant locus in type II Ehlers-Danlos syndrome. Wordsworth P, et al. **Ann Rheum Dis** 1985 Jul;44(7):431-3
X-linked Ehlers-Danlos syndrome type V; the next generation. Beighton P, et al. **Clin Genet** 1985 May; 27(5):472-8
A heterozygous collagen defect in a variant of the Ehlers-Danlos syndrome type VII. Evidence for a deleted amino-telopeptide domain in the pro-alpha 2(I) chain. Eyre DR, et al. **J Biol Chem** 1985 Sep 15;260(20):11322-9
[Can familial Eyelid ptosis be an expression of Ehlers-Danlos syndrome?] Satz N, et al. **Schweiz Med Wochenschr** 1985 Mar 2;115(9):304-6 (Eng. Abstr.) (Ger)
[Clinico-genetic characteristics of Ehlers-Danlos syndrome] Blinnikova OE, et al. **Vestn Dermatol Venerol** 1985 Feb; (2):45-8 (Eng. Abstr.) (Rus)

METABOLISM

Synthesis of an altered type III procollagen in a patient with type IV Ehlers-Danlos syndrome. A structural change in the alpha 1(III) chain which makes the protein more susceptible to proteinases. Stolle CA, et al. **J Biol Chem** 1985 Feb 10;260(3):1937-44

PATHOLOGY

Structural abnormalities in the mitis form (type-II) of Ehlers-Danlos syndrome. Masutani M, et al. **J Dermatol (Tokyo)** 1984 Oct;11(5):433-7
[Cutis hyperelastica circumscripta. A case report with a morphologic study] Krieg T, et al. **Hautarzt** 1984 Aug; 35(8):415-7 (Eng. Abstr.) (Ger)

PHYSIOPATHOLOGY

Orthodontic treatment in Ehlers-Danlos syndrome. Jones ML. **Br J Orthod** 1984 Jul;11(3):158-62
Abnormalities of the lungs and thoracic cage in the Ehlers-Danlos syndrome. Ayres JG, et al. **Thorax** 1985 Apr;40(4):300-5

PSYCHOLOGY

[Concomitant neuropsychiatric symptoms in a case of Ehlers-Danlos syndrome] Fehlow P, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Apr; 37(4):215-20 (Eng. Abstr.) (Ger)

SURGERY

Cervicofacial rhytidoplasty in Ehlers-Danlos syndrome: hazards on healing. Guerrerosantos J, et al. **Plast Reconstr Surg** 1985 Jan;75(1):100-3
[Mitral valve replacement in a case of Ehlers-Danlos syndrome] Kitagawa M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jul;32(7):1073-7 (Eng. Abstr.) (Jpn)

VETERINARY

Equine cutis hyperelastica. Solomons B. **Equine Vet J** 1984 Nov;16(6):541-2

EHRLICH ASCITES TUMOR see **CARCINOMA, EHRLICH TUMOR**

EHRLICHIA see under **RICKETTSIACEAE**

EICOSANOIC ACIDS

An easy method for preparing radioactive methyl esters of eicosanoids suitable as ligands in radioimmunoassays. Moonen P, et al. **Prostaglandins** 1985 Mar;29(3):443-8
Eicosanoids in health and in disease: an appraisal. Higgins AJ. **Vet Q** 1985 Jan;7(1):44-59 (120 ref.)

ADMINISTRATION & DOSAGE

Refsum's disease: management by diet and plasmapheresis. Hungerbühler JP, et al. **Eur Neurol** 1985;24(3):153-9

ANALYSIS

Enzyme immunoassays of eicosanoids using acetylcholine esterase as label: an alternative to radioimmunoassay. Pradelles P, et al. **Anal Chem** 1985 Jun;57(7):1170-3
Improved method for gas chromatographic determination of phytanic acid. Jackson PJ, et al. **J Chromatogr** 1985 May 29;325(1):336-9

ANTAGONISTS & INHIBITORS

The effects of eicosanoid synthesis inhibitors on normoxic and hypoxic pulmonary vascular tone in dogs. Rubin LJ, et al. **Am Rev Respir Dis** 1985 Jul;132(1):93-8

BIOSYNTHESIS

Synthesis, pathways and biological implications of eicosanoids. Uotila P, et al. **Ann Clin Res** 1984; 16(5-6):226-33 (77 ref.)
Kinin effects on chloride secretion do not require eicosanoid synthesis. Cuthbert AW, et al. **Br J Pharmacol** 1984 Oct; 83(2):549-54
Phospholipases, eicosanoid production and inflammation. Famaey JP. **Clin Rheumatol** 1982 Jun;1(2):84-94 (92 ref.)

BLOOD

Simple and rapid method for the quantitation of plasma phytanic acid by gas chromatography. Cingolani L, et al. **J Chromatogr** 1985 May 3;339(2):375-9
The cerebro-hepato-renal (Zellweger) syndrome: lamellar lipid profiles in adrenocortical, hepatic mesenchymal, astrocyte cells and increased levels of very long chain fatty acids and phytanic acid in the plasma. Aubourg P, et al. **J Neurol Sci** 1985 May-Jun;69(1-2):9-25
[Detection of phytanic acid (3,7,11,15-tetramethylhexadecanoic acid) in serum using the gas chromatograph GCHF 18.3] Pilz D, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Sep;36(9):556-8 (Eng. Abstr.) (Ger)

DEFICIENCY

Cerebro-hepato-renal (Zellweger) syndrome, adrenoleukodystrophy, and Refsum's disease: plasma changes and skin fibroblast phytanic acid oxidase. Poulos A, et al. **Hum Genet** 1985;70(2):172-7

IMMUNOLOGY

Dietary fat, eicosanoids, and immunity. Johnston PV. **Adv Lipid Res** 1985;21:103-41 (76 ref.)
Eicosanoids and organ transplantation. Foegh ML, et al. **Ann Clin Res** 1984;16(5-6):318-23 (69 ref.)

METABOLISM

Effect of histamine, acetylcholine and compound 48/80 on bronchoconstriction and release of eicosanoids in the dog. Zimmermann I, et al. **Agents Actions** 1984 Oct; 15(3-4):153-61
Eicosanoids in inflammation. Higgs GA, et al. **Ann Clin Res** 1984;16(5-6):287-99 (165 ref.)
Synthesis, pathways and biological implications of eicosanoids. Uotila P, et al. **Ann Clin Res** 1984; 16(5-6):226-33 (77 ref.)
In vitro incorporation and metabolism of some icosaenoic acids in platelets. Effect on arachidonic acid oxygenation. Lagarde M, et al. **Biochim Biophys Acta** 1985 Jan 9; 833(1):52-8
In vitro conversion of phytol to phytanic acid in rat liver: subcellular distribution of activity and chemical characterization of intermediates using a new bromination technique. Muralidharan FN, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):36-40
Eicosanoids and the blood vessel wall. Cannon PJ. **Circulation** 1984 Oct;70(4):523-8
Infantile Refsum's disease (phytanic acid storage disease): a variant of Zellweger's syndrome? Poulos A, et al. **Clin Genet** 1984 Dec;26(6):579-86
Phytanic acid alpha-oxidation in rat liver. Requirement of cytosolic factor. Muralidharan VB, et al. **J Biol Chem** 1984 Nov 10;259(21):13021-6
The eicosanoids in biology and medicine. Marcus AJ. **J Lipid Res** 1984 Dec 15;25(13):1511-6
Alterations of the eicosanoid synthetic capacity of rat brain microvessels following ischemia: relevance to ischemic brain edema. Koide T, et al. **J Neurochem** 1985 Jan; 44(1):85-93
Incorporation of some eicosanoic acids into endothelial cells—effect on platelet inhibitory activity and prostacyclin

production. Sicard B, et al. **Thromb Haemost** 1985 Apr 22;53(2):264-7

Uptake of arachidonic acid, arachidic acid, oleic acid and their incorporation into phospholipids and triacylglycerols of isolated murine hepatocytes. Effect of thrombin-antithrombin III complex. Mandl J, et al. **Thromb Res** 1984 Aug 15;35(4):407-14

[Eicosanoids and phospholipases] Goerig M, et al. **Klin Wochenschr** 1985 Apr 1;63(7):293-311 (329 ref.) (Eng. Abstr.) **(Ger)**

[Eicosanoic acids and neoplasms] Pawlikowski M. **Postepy Hig Med Dosw** 1985 Jan-Feb;39(1):1-11 (48 ref.) (Eng. Abstr.) **(Pol)**

[Effect of Bryonia cucurbitacins on the biosynthesis of eicosanoids in human leukocytes] Panosian AG. **Bioorg Khim** 1985 Feb;11(2):264-9 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Eicosanoids as regulators of pancreatic islet hormone secretion. Pek SB, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:221-30 (50 ref.)

Eicosanoids and the lungs. Nowak J. **Ann Clin Res** 1984; 16(5-6):269-86 (230 ref.)

New perspectives on the putative role of eicosanoids in airway hyperresponsiveness. Robinson C, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):140-4

Abstracts of the NATO Advanced Research Workshop on Icosanoids and Ion Transport. November 17-18, 1983 Paris. **Prostaglandins** 1984;27 Suppl:1-129

[Agents to improve cerebrovascular circulation and cerebral metabolism--prostaglandins and related substances] Asano T, et al. **Nippon Rinsho** 1985 Feb;43(2):406-8 **(Jpn)**

EICOSATETRAENOIC ACIDS see **ARACHIDONIC ACIDS**

5,8,11,14-EICOSATETRAYNOIC ACID see under **FATTY ACIDS, UNSATURATED**

8,11,14-EICOSATRIENOIC ACID see under **FATTY ACIDS, UNSATURATED**

EIDETIC IMAGERY

Eidetic imagery in elderly persons. Zelhart PF, et al. **Percept Mot Skills** 1985 Apr;60(2):445-6

EIMERIA

CLASSIFICATION

Eimeria canadensis in calves. Jones GW, et al. **Aust Vet J** 1985 Apr;62(4):142

Eimeria from bats of the world: a new species in Tomopeas ravus from Peru. Duszynski DW, et al. **J Parasitol** 1985 Apr;71(2):204-8

Coccidian parasites (Apicomplexa: Eimeriidae) of Microtus spp. (Rodentia: Arvicolidae) from the United States, Mexico, and Japan, with descriptions of five new species. Vance TL, et al. **J Parasitol** 1985 Jun;71(3):302-11

Erhardorina n. g., Ascogregarina polynesiensis n. sp., Eimeria golemanskii n. sp., Isospora tamariscini n. sp., Gregarina kazumii n. nom., new combinations and emendations in the names of apicomplexan protozoa. Levine ND. **J Protozool** 1985 May;32(2):359-63

Problems in the identification of species of Eimeria. Long PL, et al. **J Protozool** 1984 Nov;31(4):535-41 (76 ref.)

DRUG EFFECTS

Morphological effects of arprinocid on developmental stages of Eimeria tenella and E. brunetti. Ball SJ, et al. **Parasitology** 1985 Aug;91 (Pt 1):31-43

Eimeria tenella: development of resistance to arprinocid and decoquinate in the chicken. Chapman HD. **Res Vet Sci** 1985 Mar;38(2):226-30

GROWTH & DEVELOPMENT

Disseminated visceral coccidiosis in sandhill cranes. Carpenter JW, et al. **J Am Vet Med Assoc** 1984 Dec 1; 185(11):1342-6

[The biology of Eimeria leuckarti (Flesch, 1883) in Equidae] Bauer C, et al. **Berl Munch Tierarztl Wochenschr** 1984 Oct 1;97(10):367-72 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Adaptation of enzyme-linked immunoassay for detection of avian and murine antibodies to Eimeria. Carlson PL. **Avian Dis** 1984 Oct-Dec;28(4):1115-9

Eimeria tenella: immunogenicity of arrested sporozoites in chickens. Jeffers TK, et al. **Exp Parasitol** 1985 Oct; 60(2):175-80

Enzyme-linked immunosorbent assay and indirect haemagglutination techniques for measurement of antibody responses to Eimeria tenella in experimentally infected chickens. Saatara Oz H, et al. **J Parasitol** 1984 Dec; 70(6):859-63

Capping of immune complexes by sporozoites of Eimeria tenella. Speer CA, et al. **J Parasitol** 1985 Feb;71(1):33-42

Effects of intestinal contents from normal and immunized mice on sporozoites of Eimeria falciformis. Douglass TG, et al. **J Protozool** 1985 Feb;32(1):156-63

Infection with Eimeria tenella: modulation of lymphocyte blastogenesis by specific antigen, and evidence for immunodepression. Rose ME, et al. **J Protozool** 1984 Nov; 31(4):549-53

Development of cell-mediated immunity and resistance to clinical coccidiosis infection in chickens selected for resistance and susceptibility to Eimeria tenella. Giambrone JJ, et al. **Poult Sci** 1984 Nov;63(11):2162-6

Immediate type hypersensitivity in murine coccidiosis. Diesing L, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec;258(2-3):310-5

ISOLATION & PURIFICATION

Eimeria confusa Joseph, 1969 and E. ontarioensis Lee and Dorney, 1971, from grey squirrels in England. Ball SJ, et al. **J Parasitol** 1984 Jun;70(3):390

Effects of nylon wool purification on infectivity and antigenicity of Eimeria falciformis sporozoites and merozoites. Larsen RA, et al. **J Parasitol** 1984 Aug; 70(4):597-601

Coccidia in cows and calves on pasture in north Georgia (U.S.A.). Ernst JV, et al. **Vet Parasitol** 1984 Sep; 15(3-4):213-21

Prevalence of Eimeria in faeces of cattle in Saudi Arabia. Kasim AA, et al. **Vet Parasitol** 1985 Jan;17(2):95-9

Ovine coccidia in Papua New Guinea. Varghese T, et al. **Vet Parasitol** 1985 Mar;17(3):181-91

[New species of fish coccidia in Poland] Jastrzebski M. **Wiad Parazytol** 1984;30(2):165-70 (Eng. Abstr.) **(Pol)**

METABOLISM

Purine metabolism in the intact sporozoites and merozoites of Eimeria tenella. LaFon SW, et al. **Mol Biochem Parasitol** 1985 Jan;14(1):11-22

PATHOGENICITY

Pathogenicity of the coccidium Eimeria crandallis in laboratory lambs. Catchpole J, et al. **Parasitology** 1985 Aug; 91 (Pt 1):45-52

PHYSIOLOGY

Nucleolar hypertrophy as an indicator of transcription in cells infected with second generation meronts of Eimeria tenella. Marquardt WC, et al. **J Protozool** 1984 Nov;31(4):569-74

Lethality of intestinal tissue extracts from Eimeria-infected chickens. McKenzie ME, et al. **Parasitology** 1985 Jun;90 (Pt 3):565-72

Host specificity in eimerian coccidia: development of Eimeria vermiformis of the mouse, Mus musculus, in Rattus norvegicus. Rose ME, et al. **Parasitology** 1985 Jun;90 (Pt 3):557-63

Some observations on the biology of five strains of Eimeria necatrix. Shirley MW. **Z Parasitenkd** 1985;71(3):287-95

ULTRASTRUCTURE

Fine structure of the process of oocyst wall formation of Eimeria maxima (Apicomplexa: Eimeriina). Elwasila M. **Acta Vet Hung** 1984;32(3-4):159-63

Ultrastructural observations on fertilization and sporulation in Goussia iroquoina (Molnar and Fernando, 1974) in experimentally infected fathead minnows (Pimephales promelas, Cyprinidae). Paterson WB, et al. **J Parasitol** 1984 Oct;70(5):703-11

Immune complexes induce the formation of an unusual micropore in second-generation merozoites of Eimeria tenella. Speer CA, et al. **J Parasitol** 1985 Apr;71(2):258-62

EIMERIA INFECTIONS see **COCCIDIOSIS**

EINSTEINIUM

METABOLISM

Distribution of 253Es in juvenile miniature swine. McClanahan BJ, et al. **Health Phys** 1984 Sep;47(3):472-5

EISENMENGER COMPLEX

The anaesthetic management of the Eisenmenger syndrome. Foster JM, et al. **Ann R Coll Surg Engl** 1984 Sep;66(5):353-5 (21 ref.)

[Eisenmenger's syndrome in pregnancy. Controlled segmental epidural block for cesarean section] Rosenberg B, et al. **Reg Anaesth** 1984 Oct;7(4):131-3 (Eng. Abstr.) **(Ger)**

BLOOD

Impact of profound reductions of PaO2 on O2 transport and utilization in congenital heart disease. Theodore J, et al. **Chest** 1985 Mar;87(3):293-302

COMPLICATIONS

Transcutaneous PO2 monitoring in the anesthetic management of a patient with Eisenmenger's syndrome. Skinner DH, et al. **Crit Care Med** 1985 Jul;13(7):608-9

[Long-term follow-up of children and adolescents with Eisenmenger complex and primary pulmonary hypertension] Dymnicka S, et al. **Kardiol Pol** 1984; 27(10):829-37 (Eng. Abstr.) **(Pol)**

DIAGNOSIS

The Eisenmenger syndrome. Canobbio MM. **Nurs Clin North Am** 1984 Sep;19(3):537-45

[Echocardiography in the evaluation of cardiodynamics in patients with the Eisenmenger syndrome in different physiologic states] Zatikian EP. **Kardiologiia** 1984 Aug; 24(8):41-5 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Echocardiographic characteristics of pulmonary and aortic valve motion in the Eisenmenger's syndrome from ventricular septal defect. Haugland H, et al. **Am J Cardiol** 1984 Oct 1;54(7):927-9

Prolonged survival in tricuspid atresia with Eisenmenger's physiology. Hart AS, et al. **Clin Cardiol** 1984 Oct; 7(10):555-6

The effect of a peripheral vasconstrictor drug on the systemic arterial oxygen saturation in Eisenmenger's syndrome. Blake S, et al. **Ir J Med Sci** 1984 Sep;153(9):319-20

RADIOGRAPHY

Computer tomography demonstration of pulmonary artery calcification in Eisenmenger's syndrome. Cohen BA, et al. **J Comput Tomogr** 1985 Apr;9(2):153-6

SURGERY

The anaesthetic management of the Eisenmenger syndrome [letter] **Ann R Coll Surg Engl** 1985 May;67(3):210

[High-dose fentanyl anesthesia in a pregnant patient with Eisenmenger's syndrome] Ogura M, et al. **Masui** 1985 Feb; 34(2):241-6 (Eng. Abstr.) **(Jpn)**

EJACULATION

Oigarche: the age at first ejaculation. Carlier JG, et al. **Andrologia** 1985 Jan-Feb;17(1):104-6

Secondary premature ejaculation. Williams W. **Aust NZ J Psychiatry** 1984 Dec;18(4):333-40

Case reports on the use of meditative relaxation as an intervention strategy with retarded ejaculation. Delmonte MM. **Biofeedback Self Regul** 1984 Jun;9(2):209-14

Post-treatment fertility in patients with testicular cancer. I. Influence of retroperitoneal lymph node dissection on ejaculatory potency. Fosså SD, et al. **Br J Urol** 1985 Apr; 57(2):204-9

Ejaculation and sexual function after endoscopic bladder neck incision. Hedlund H, et al. **Br J Urol** 1985 Apr; 57(2):164-7

Surgical correction of post-operative retrograde ejaculation. Ramadan AE, et al. **Br J Urol** 1985 Aug;57(4):458-61

Unusual side effects of clomipramine associated with yawning [letter] Harrison W, et al. **Can J Psychiatry** 1984 Oct; 29(6):546

BCMP test in split ejaculates [letter] Bahamondes L, et al. **Fertil Steril** 1985 Apr;43(4):671-2

Improved semen quality after a short-interval second ejaculation. Check JH, et al. **Fertil Steril** 1985 Sep; 44(3):416-8

Sperm parameters and ejaculation before and after operative treatment of patients with germ-cell testicular cancer. Fritz K, et al. **Fertil Steril** 1985 Mar;43(3):451-4

Retrograde ejaculation: etiology and treatment via the use of a new noninvasive method. Zavos PM, et al. **Fertil Steril** 1984 Oct;42(4):627-32

Two-dimensional electrophoresis of proteins in various fractions of the human split ejaculate. Rui H, et al. **Int J Androl** 1984 Dec;7(6):509-20

Ejaculatory incompetence: a theoretical formulation and case illustration. Libman E, et al. **J Behav Ther Exp Psychiatry** 1984 Jun;15(2):127-31

Sexual arousal in male pigtailed monkeys (Macaca nemestrina): effects of serial matings by two males. Busse CD, et al. **J Comp Psychol** 1984 Sep;98(3):227-31

A clinical trial of the beta blocker propranolol in premature ejaculation. Cooper AJ, et al. **J Psychosom Res** 1984; 28(4):331-6

A freeze-fracture study on epididymal and ejaculate spermatozoa of the monkey (Macaca fascicularis). Reger JF, et al. **J Submicrosc Cytol** 1985 Jan;17(1):49-56

Retrograde ejaculation: successful artificial homologous insemination [letter] Ingerslev HJ. **Lancet** 1985 Mar 2; 1(8427):519

Time-contingent change in infanticide and parental behavior induced by ejaculation in male mice. vom Saal FS. **Physiol Behav** 1985 Jan;34(1):7-15

The mechanism of the ejection of a frothy fluid from the cloaca in the male turkey. Fujihara N, et al. **Poult Sci** 1985 Jul;64(7):1377-81

Electrostimulation and penile erection. Lue TF, et al. **Urol Int** 1985;40(1):60-4

Retrograde ejaculation caused by incomplete paralysis of pelvic nerve. Okamura K, et al. **Urology** 1985 May; 25(5):485-9

[Spermatozoa concentration in the human split ejaculate] Protich M, et al. **Akush Ginekol (Sofiia)** 1984;23(4):352-4 (Eng. Abstr.) **(Bul)**

[Homologous insemination in retrograde ejaculation] Jaeger P, et al. **Helv Chir Acta** 1984 Oct;51(3-4):379-81 (Eng. Abstr.) **(Ger)**

[Erection and ejaculation disorders following retroperitoneal lymphadenectomy in non-seminomatous testicular tumors] Porst H, et al. **Urologe [Ausg A]** 1984 Nov;23(6):324-8 (Eng. Abstr.) (Ger)

[Ejaculatory impotence as a cause of male infertility] Cheviakoff S, et al. **Rev Chil Obstet Ginecol** 1981;46(1):10-3 (Eng. Abstr.) (Spa)

DRUG EFFECTS

Role of the spinal monoaminergic systems in suppression of ejaculation by alpha-methyldopa. Kimura Y, et al. **Andrologia** 1985 Mar-Apr;17(2):166-71

The use of phenoxybenzamine treatment in premature ejaculation. Shilon M, et al. **Fertil Steril** 1984 Oct; 42(4):659-61

Ejaculatory inhibition with trazodone. Jones SD. **J Clin Psychopharmacol** 1984 Oct;4(5):279-81

Reproductive physiology and behavior in the male rat following acute and chronic peripheral adrenergic depletion by guanethidine. Stefanick ML, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):55-63

Pregnancy following treatment of retrograde ejaculation with clomipramine hydrochloride. A report of 3 cases. Eppel SM, et al. **S Afr Med J** 1984 Dec 8;66(23):889-91

[Side-effects of drugs on the male sexual function] Przybilla B, et al. **Z Hautkr** 1985 Jul 15;60(14):1105-8, 1113-4, 1119-22 (42 ref.) (Eng. Abstr.) (Ger)

EJACULATORY DUCTS

[Stones of the seminal vesicles and ejaculatory duct in infant: report of a case] Uchijima Y, et al. **Hinyokika Kiyo** 1984 Dec;30(12):1843-9 (Eng. Abstr.) (Jpn)

PATHOLOGY

Adenomatoid tumor of ejaculatory duct. Fan K, et al. **Urology** 1985 Jun;25(6):653-4

EJECTION SEATS see **AIRCRAFT**

EKBOM'S SYNDROME see **RESTLESS LEGS**

ELAEOPHORIASIS see under **FILARIASIS**

ELAPID VENOMS

Photochemically induced nuclear polarization study of exposed tyrosines, tryptophans, and histidines in postsynaptic neurotoxins and in membranotoxins of elapid and hydrophid snake venoms. Muszkat KA, et al. **Biochemistry** 1984 Oct 9;23(21):4913-20

Black mamba envenomation [letter] Harvey WR. **S Afr Med J** 1985 Jun 15;67(24):960

ANALYSIS

Properties and applications of immobilized snake venom NAD glycohydrolase. Anderson BM, et al. **Anal Biochem** 1984 Jul;140(1):250-5

Isolation and properties of two phospholipases A2 from the venom of an Australian elapid snake (Pseudechis australis). Nishida S, et al. **Toxicon** 1985;23(1):73-85

Amino acid sequences of phospholipases A2 from the venom of an Australian elapid snake (king brown snake, Pseudechis australis). Nishida S, et al. **Toxicon** 1985; 23(1):87-104

ISOLATION & PURIFICATION

The amino acid sequence of protein CM-3 from Dendroaspis polylepis polylepis (black mamba) venom. Joubert FJ. **Int J Biochem** 1985;17(6):695-9

Purification and properties of a prothrombin activator from the venom of Notechis scutatus scutatus. Tans G, et al. **J Biol Chem** 1985 Aug 5;260(16):9366-72

PHARMACODYNAMICS

Pharmacological study on angusticeps-type toxins from mamba snake venoms. Lee CY, et al. **J Pharmacol Exp Ther** 1985 May;233(2):491-8

Botulinum neurotoxin and dendrotoxin as probes for studies on transmitter release. Dolly JO, et al. **J Physiol (Paris)** 1984;79(4):280-303

Fasciculins, anticholinesterase toxins from the venom of the green mamba Dendroaspis angusticeps. Karlsson E, et al. **J Physiol (Paris)** 1984;79(4):232-40

Effects of fasciculin 2, an anticholinesterase polypeptide from green mamba venom, on neuromuscular transmission in mouse diaphragm preparations. Anderson AJ, et al. **Neurosci Lett** 1985 Mar 15;54(2-3):123-8

ELASTASE see **PANCREATOPEPTIDASE**

ELASTIC STOCKINGS see **CLOTHING**

ELASTIC TISSUE

Diffuse arterial calcified elastopathy—a new cause of renovascular hypertension in children. Gubler MC, et al. **Int J Pediatr Nephrol** 1985 Jan-Mar;6(1):47-54

[A new elastic tissue stain] Krutsay M. **Zentralbl Allg Pathol** 1984;129(3):231-3 (Eng. Abstr.) (Ger)

ANALYSIS

Microfibrillar protein from elastic tissue: a critical evaluation. Prosser IW, et al. **Aust J Exp Biol Med Sci** 1984 Aug;62 (Pt 4):485-505

Identification of glycoproteins associated with elastin-associated microfibrils. Fanning JC, et al. **J Histochem Cytochem** 1985 Apr;33(4):287-94

ANATOMY & HISTOLOGY

The structural and functional organization of the connective tissue in the human foot with reference to the histomorphology of the elastic fibre system. Kimani JK. **Acta Morphol Neerl Scand** 1984 Dec;22(4):313-23

Light and electron microscopic identification of elastic, elaunin and oxytalan fibers in human tracheal and bronchial mucosa. Böck P, et al. **Anat Embryol (Berl)** 1984; 170(2):145-53

Mechanical stimulation of smooth muscle cells by arterial pulsations. An important stimulus for the formation of elastic laminae in arterial tissue. v.d. Lei B, et al. **Cell Biol Int Rep** 1985 Jan;9(1):2

Functional anatomy of the perivascular tissue in the adductor canal. de Souza RR, et al. **Gegenbaurs Morphol Jahrb** 1984; 130(5):733-8

CYTOLOGY

Modified elastic tissue-Masson trichrome stain. Garvey W. **Stain Technol** 1984 Jul;59(4):213-6

DRUG EFFECTS

[Technology and preliminary evaluation of ointments that increase the elasticity of post-burn scars] Stożkowska W, et al. **Wiad Lek** 1984 Nov 15;37(22):1770-6 (Eng. Abstr.) (Pol)

ENZYMOLOGY

The effects of preliminary proteolysis on the immunohistochemical and dye staining properties of elastic fibres. Mera SL, et al. **Histochem J** 1985 Feb;17(2):243-58

METABOLISM

Elastin-proteoglycans association revealed by cytochemical methods. Contri MB, et al. **Connect Tissue Res** 1985; 13(3):237-49

PATHOLOGY

Altered skin elastic fibers in hypothyroid myxedema and pretibial myxedema. Matsuoka LY, et al. **Arch Intern Med** 1985 Jan;145(1):117-21

Elastosis in diverticular disease of the sigmoid colon. Whiteway J, et al. **Gut** 1985 Mar;26(3):258-66

Acrokeratoelastoidosis of Costa in North America. A report of two cases. Korc A, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):832-6

Colloid milium: a final degeneration product of actinic elastoid. Hashimoto K, et al. **J Cutan Pathol** 1985 Apr; 12(2):147-56

Elastosis in malignant tumours. Isaacson C, et al. **S Afr Med J** 1985 Jul 6;68(1):30-2

[Distribution of elastic bodies (elastic globes) in healthy human skin. Studies with a dense grid] Vock R, et al. **Z Rechtsmed** 1985;94(1):1-8 (Eng. Abstr.) (Ger)

PHYSIOLOGY

Thermoelastic properties of uniaxially deformed lung strips. Karlinsky JB, et al. **J Appl Physiol** 1985 Feb;58(2):459-67

Extracellular fluid filtration as the reason for the viscoelastic behaviour of the passive myocardium. Tsaturyan AK, et al. **J Biomech** 1984;17(10):749-55

RADIATION EFFECTS

The relationship of sun exposure and solar elastosis to basal cell carcinoma. Zaynoun S, et al. **J Am Acad Dermatol** 1985 Mar;12(3):522-5

ULTRASTRUCTURE

The three-dimensional architecture of the elastic-fiber network in canine hepatic portal system. Crissman RS, et al. **Am J Anat** 1984 Dec;171(4):401-13

Ultrastructural visualization of elastic fibres with a tannate--metal salt method. Kageyama M, et al. **Histochem J** 1985 Jan;17(1):93-103

Elastic and related fibres in the normal cornea and limbus of the domestic cat. Carrington SD, et al. **J Anat** 1984 Sep;139 (Pt 2):319-32

The surface structural alterations of elastic fibers and elastotic material in solar elastosis: a scanning electron microscopic study. Tsuji T. **J Cutan Pathol** 1984 Aug;11(4):300-8

Three-dimensional architecture of altered dermal elastic fibers in pseudoxanthoma elasticum: scanning electron microscopic studies. Tsuji T. **J Invest Dermatol** 1984 May; 82(5):518-21

[Oxytalan fibers of the periodontium] Mallet M. **Bull Assoc Anat (Nancy)** 1984 Jun;68(201):205-9 (Eng. Abstr.) (Fre)

ELASTICA see **RUBBER**

ELASTICITY

Polypentapeptide of elastin: temperature dependence of ellipticity and correlation with elastomeric force. Urry DW, et al. **Biochem Biophys Res Commun** 1985 Jul 16; 130(1):50-7

Packaged DNA. An elastic model. Manning GS. **Cell Biophys** 1985 Mar;7(1):57-89 (58 ref.)

Viscoelastic behavior of the thoracic aorta of dogs and rabbits. Gentile BJ, et al. **Circ Res** 1985 May;56(5):690-5

Coronary diastolic pressure-flow relation and zero flow pressure explained on the basis of intramyocardial compliance. Spaan JA. **Circ Res** 1985 Mar;56(3):293-309

Orthogonal polynomials used as soft tissue energy density functions. von Maltzahn WW. **Int J Biomed Comput** 1984 Sep-Oct;15(5):381-9

Incremental elastic modulus for ventricles in diastole. Demiray H. **J Biomech** 1984;17(8):621-6

Wall distensibility effect on arterial flow distribution. Doo I, et al. **J Biomech** 1984;17(8):643

The elastic properties of a polyurethane arterial prosthesis. How TV, et al. **J Biomech** 1984;17(8):597-608

Parameter estimation using the quasi-linear viscoelastic model proposed by Fung. Dortmans LJ, et al. **J Biomech Eng** 1984 Aug;106(3):198-203

Increased compliance near vascular anastomoses. Hasson JE, et al. **J Vasc Surg** 1985 May;2(3):419-23

[Preventive chemotherapy of intrapulmonary residual tuberculosis with isoniazid--example of failed compliance by the physician] Conen D, et al. **Schweiz Med Wochenschr** 1984 Aug 25;114(34):1159-62 (Eng. Abstr.) (Ger)

ELASTIN

An enzyme-linked immunosorbent assay to quantitate the elastin crosslink desmosine in tissue and urine samples. Gunja-Smith Z. **Anal Biochem** 1985 May 15;147(1):258-64

Temperature dependence of dielectric relaxations in alpha-elastin coacervate: evidence for a peptide librational mode. Urry DW, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):1000-6

Polypentapeptide of elastin: temperature dependence of ellipticity and correlation with elastomeric force. Urry DW, et al. **Biochem Biophys Res Commun** 1985 Jul 16; 130(1):50-7

The interaction between alkyl derivatives and elastin. Norde W, et al. **Biophys Chem** 1985 Feb;21(2):115-26

Ultrastructural visualization of elastic fibres with a tannate--metal salt method. Kageyama M, et al. **Histochem J** 1985 Jan;17(1):93-103

Crystal structure and conformation of the cyclic tetramer of a repeat tripeptide of elastin, cyclo(L-valyl-L-prolylglycyl)4. Cook WJ, et al. **Int J Pept Protein Res** 1985 May;25(5):481-6

Dielectric studies of protein hydration and hydration-induced flexibility. Bone S, et al. **J Mol Biol** 1985 Jan 20;181(2):323-6

[Characteristics of the ultrastructure of connective tissue in the trabecular meshwork of the chamber angle in glaucoma] Follmann P, et al. **Cesk Oftalmol** 1984 Sep; 40(5):260-3 (Eng. Abstr.) (Cze)

ANALOGS & DERIVATIVES

Fibrillar structure of alpha-elastin methylester complexes with glycoproteins and proteoglycans. Velebný V, et al. **Connect Tissue Res** 1984;12(3-4):203-10

Demonstration of elastin gene expression in human skin fibroblast cultures and reduced tropoelastin production by cells from a patient with atrophoderma. Giro MG, et al. **J Clin Invest** 1985 Feb;75(2):672-8

Blockage of tropoelastin secretion by monensin represses tropoelastin synthesis at a pretranslational level in rat smooth muscle cells. Frisch SM, et al. **Mol Cell Biol** 1985 Jan;5(1):253-8

Elastin covalent structure as determined by solid phase amino acid sequencing. Sandberg LB, et al. **Pathol Biol (Paris)** 1985 Apr;33(4):266-74

ANALYSIS

Content of the collagen and elastin cross-links pyridinoline and the desmosines in the human uterus in various reproductive states. Gunja-Smith Z, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):92-5

Age-dependent changes of collagen and elastin content in human aorta and pulmonary artery. Hosoda Y, et al. **Angiology** 1984 Oct;35(10):615-21

Changes in elastin composition in aorta of spontaneously hypertensive rats (SHR). Deyl Z, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):179-86

Polypentapeptide of elastin: temperature dependence correlation of elastomeric force and dielectric permittivity. Urry DW, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):1082-8

Elastosis in relation to prognosis in primary breast carcinoma. Rasmussen BB, et al. **Cancer Res** 1985 Mar;45(3):1428-30

A rapid sensitive assay for the quantitation of elastin. Muramoto K, et al. **Connect Tissue Res** 1984;12(3-4):307-17

A rapid digestive technique to expose networks of vascular elastic fibers for SEM observation. Crissman RS, et al. **Stain Technol** 1984 May;59(3):171-80

ANTAGONISTS & INHIBITORS

Cigarette smoke impairs elastin resynthesis in lungs of hamsters with elastase-induced emphysema. Osman M, et al. **Am Rev Respir Dis** 1985 Sep;132(3):640-3

BIOSYNTHESIS

The effect of induced atherosclerosis on the synthesis of elastin in chick aortic tissue. Keeley FW, et al. **Atherosclerosis** 1985 Mar;54(3):311-9

Differential effects of Nd-YAG laser on collagen and elastin production by chick embryo aortae in vitro. Relevance to laser angioplasty for removal of atherosclerotic plaques. Abergel RP, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):462-8

Glucocorticoids stimulate elastin production in differentiated bovine ligament fibroblasts but do not induce elastin synthesis in undifferentiated cells. Mecham RP, et al. **J Biol Chem** 1984 Oct 25;259(20):12414-8

Increased cyclic GMP levels lead to a stimulation of elastin production in ligament fibroblasts that is reversed by cyclic AMP. Mecham RP, et al. **J Biol Chem** 1985 Mar 25; 260(6):3255-8

Impairment of elastin resynthesis in the lungs of hamsters with experimental emphysema induced by sequential administration of elastase and trypsin. Osman M, et al. **J Lab Clin Med** 1985 Feb;105(2):254-8

Changes in response to ascorbic acid administered orally to rat pups: lung collagen, elastin and protein synthesis. Critchfield JW, et al. **J Nutr** 1985 Jan;115(1):70-7

Vascular substitute from human placental arteries: glycosaminoglycan and elastin synthesis in the neo-intimal hyperplasia. Moczar M, et al. **Life Support Syst** 1984 Jul-Sep;2(3):201-8

BLOOD

[Elastolytic activity of the blood serum in patients with liver cirrhosis] Kucharz E, et al. **Wiad Lek** 1985 Mar 15; 38(6):401-5 (Eng. Abstr.) **(Pol)**

DEFICIENCY

[Role of elastin in the pathogenesis of pulmonary emphysema] Słodkowska J. **Postepy Hig Med Dosw** 1984 Mar-Apr; 38(2):187-96 (55 ref.) (Eng. Abstr.) **(Pol)**

GENETICS

Analysis of the 3' region of the sheep elastin gene. Yoon K, et al. **Arch Biochem Biophys** 1985 Sep;241(2):684-91

Structure of the 3' portion of the bovine elastin gene. Cicila G, et al. **Biochemistry** 1985 Jun 18;24(13):3075-80

Longitudinal gradients of collagen and elastin gene expression in the porcine aorta. Davidson JM, et al. **J Biol Chem** 1985 Feb 10;260(3):1901-8

Demonstration of elastin gene expression in human skin fibroblast cultures and reduced tropoelastin production by cells from a patient with atrophoderma. Giro MG, et al. **J Clin Invest** 1985 Feb;75(2):672-8

Elastin: relation of protein and gene structure to disease. Rosenbloom J. **Lab Invest** 1984 Dec;51(6):605-23 (128 ref.)

IMMUNOLOGY

[Experimental immune arteriosclerosis in the rabbit. Immunogenic and pathogenic properties of glycoproteins and elastins in arterial tissue] Scebat L, et al. **Pathol Biol (Paris)** 1985 Apr;33(4):275-80 (Eng. Abstr.) **(Fre)**

[Diagnosis of thromboangiitis obliterans (Winiwarter-Buerger disease) by detection of anti-elastin antibodies] Horsch AK, et al. **Vasa** 1985;14(1):5-9 (Eng. Abstr.) **(Ger)**

ISOLATION & PURIFICATION

Photolysis and partial ozonolysis of kappa-elastin from ligamentum nuchae. Han KK, et al. **Connect Tissue Res** 1985;13(3):251-60

Salt soluble cross-linked elastin: formation and composition of fibers. Manning JN, et al. **Connect Tissue Res** 1985; 13(4):313-22

Digestion of elastin by porcine pancreatic elastase I and elastase II. Vered M, et al. **Int J Pept Protein Res** 1985 Jan;25(1):76-84

METABOLISM

Utilization of a peroxidase antiperoxidase complex in an enzyme-linked immunosorbent assay of elastin-derived peptides in human plasma. Kucich U, et al. **Am Rev Respir Dis** 1985 May;131(5):709-13

Effect of combined human neutrophil cathepsin G and elastase on induction of secretory cell metaplasia and emphysema in hamsters, with in vitro observations on elastolysis by these enzymes. Lucey EC, et al. **Am Rev Respir Dis** 1985 Aug;132(2):362-6

The binding of Evans blue to collagen and elastin in elastic tissue. Heinle H, et al. **Arch Int Physiol Biochim** 1984 Apr; 92(1):13-7

Co-operation between plasmin and elastase in elastin degradation by intact murine macrophages. Chapman HA Jr, et al. **Biochem J** 1984 Sep 15;222(3):721-8

Effect of vitamin B-6 (pyridoxine) deficiency on lung elastin cross-linking in perinatal and weanling rat pups. Myers BA, et al. **Biochem J** 1985 Jul 1;229(1):153-60

Fatty acid peptide derivatives as model compounds to protect elastin against degradation by elastases. Hornebeck W, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3315-21

Evidence by in vivo and in vitro studies that binding of pycnogenols to elastin affects its rate of degradation by elastases. Tixier JM, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):3933-9

Reversible and irreversible interactions between elastin and plasma lipoproteins. Winlove CP, et al. **Biochim Biophys Acta** 1985 Mar 8;838(3):374-80

Studies on the elastolytic activity of chymotrypsin. Collins JF, et al. **Connect Tissue Res** 1985;13(4):291-8

Elastin-proteoglycans association revealed by cytochemical methods. Contri MB, et al. **Connect Tissue Res** 1985; 13(3):237-49

Elastin turnover in the rat uterus. Starcher B, et al. **Connect Tissue Res** 1985;13(3):207-15

Formation of collagen-like fibrils from alpha-elastin. Velebný V, et al. **Connect Tissue Res** 1984;12(3-4):197-201

Elastin and collagen in the aortic wall: changes in the Marfan syndrome and annuloaortic ectasia. Halme T, et al. **Exp Mol Pathol** 1985 Aug;43(1):1-12

Magnesium enhances human pancreatic elastase digestion of 125I-labeled elastin. Rabaud M, et al. **Experientia** 1985 May 15;41(5):628-31

Kinetic and chemical evidence for the inability of oxidized alpha 1-proteinase inhibitor to protect lung elastin from elastolytic degradation. Beatty K, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jul;365(7):731-6

Effect of neutrophil cathepsin G on elastin degradation by neutrophil elastase. Reilly CF, et al. **Hoppe Seylers Z Physiol Chem** 1984 Sep;365(9):1131-5

Purification and characterization of an elastinolytic proteinase secreted by cercariae of Schistosoma mansoni. McKerrow JH, et al. **J Biol Chem** 1985 Mar 25; 260(6):3703-7

Comparison of live human neutrophil and alveolar macrophage elastolytic activity in vitro. Relative resistance of macrophage elastolytic activity to serum and alveolar proteinase inhibitors. Chapman HA Jr, et al. **J Clin Invest** 1984 Nov;74(5):1693-700

Interaction between elastin and elastases and its role in the aging of the arterial wall, skin and other connective tissues. A review. Robert L, et al. **Mech Ageing Dev** 1984 Dec; 28(2-3):155-66 (39 ref.)

Elastoderma--disease of elastin accumulation within the skin. Kornberg RL, et al. N **Engl J Med** 1985 Mar 21; 312(12):771-4

On the influence of the substrate (elastin) in elastase-alpha 1 antitrypsin interactions. Hornebeck W, et al. **Pathol Biol (Paris)** 1985 Apr;33(4):281-5

Ozone exposure, food restriction and protein deficiency: changes in collagen and elastin in rodent lung. Myers BA, et al. **Toxicol Lett** 1984 Oct;23(1):43-9

PHYSIOLOGY

Elastin fragment-induced monocyte chemotaxis. The role of desmosines. Kunitomo M, et al. **Inflammation** 1985 Jun; 9(2):183-8

URINE

Altered urinary excretion of elastin cross-links in premature infants who develop bronchopulmonary dysplasia. Bruce MC, et al. **Am Rev Respir Dis** 1985 Apr;131(4):568-72

ELASTOMERS see **RUBBER**

ELASTOMERS, SILICONE see **SILICONE ELASTOMERS**

ELBOW

Fractures of the radial head in adults with the complication 'cubitus valgus'. Sutro CJ, et al. **Bull Hosp Jt Dis Orthop Inst** 1985 Spring;45(1):65-73

Hairy elbows. Rudolph RI. **Cutis** 1985 Jul;36(1):69

An unusual manifestation of mycetoma at an uncommon site. Mathur B, et al. **J Indian Med Assoc** 1984 Oct;82(10):363-5

Latissimus dorsi transfer to restore elbow extension in obstetrical palsy. Jones BN, et al. **J Pediatr Orthop** 1985 May-Jun;5(3):287-9

Elbow pain. Sheahan SL. **Nurse Pract** 1985 May;10(5):51, 56

ABNORMALITIES

Supracondylar humeral osteotomy for traumatic childhood cubitus varus deformity [letter] Huurman WW. **Clin Orthop** 1985 Sep;(198):308-10

ANATOMY & HISTOLOGY

Architectural design and fiber-type distribution of the major elbow flexors and extensors of the monkey (cynomolgus). Roy RR, et al. **Am J Anat** 1984 Nov;171(3):285-93

Transverse sections of the elbow region in man, made into transparencies and embedded in plastic in a self-study module. Lataster LM, et al. **Anat Rec** 1984 Nov; 210(3):541-7

INJURIES

Assessment of the radial head-capitellum view and the dorsal fat-pad sign in acute elbow trauma. Hall-Craggs MA, et al. **AJR** 1985 Sep;145(3):607-9

Fracture separation of the olecranon ossification center in adults. Kovach J 2d, et al. **Am J Sports Med** 1985 Mar-Apr; 13(2):105-11

Falls from trees and associated injuries [letter] Horsley J. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):322-3

Examination and assessment of injuries and problems affecting the elbow, wrist, and hand. Corley FG Jr. **Emerg Med Clin North Am** 1984 May;2(2):295-312 (7 ref.)

[Ankyloses of the elbow joint after burns] Vrbický B, et al. **Rozhl Chir** 1985 Feb;64(2):147-51 (Eng. Abstr.) **(Cze)**

[Dislocations and fracture-dislocations of the elbow (long-term follow-up study of 48 cases)] Giancecchi F, et al. **Chir Organi Mov** 1982-83;68(4-6):653-9 (Eng. Abstr.) **(Ita)**

[Fractures of the lateral condyle of the elbow in children] Poli G, et al. **Chir Organi Mov** 1982-83;68(4-6):661-7 (Eng. Abstr.) **(Ita)**

[Lesions of the elbow area as a result of injuries inside a car] Ardashkin AP. **Sud Med Ekspert** 1984 Oct-Dec; 27(4):23-4 (Eng. Abstr.) **(Rus)**

INNERVATION

Disturbed proprioception following a period of muscle vibration in humans. Rogers DK, et al. **Neurosci Lett** 1985 Jun 12;57(2):147-52

[A rare case of median nerve compression at the bend of the elbow] Vaccari A, et al. **Chir Organi Mov** 1982-83; 68(4-6):785-90 (Eng. Abstr.) **(Ita)**

[Early electrodiagnostic measurement of ulnar entrapment neuropathy of the elbow] Kimura I. **Rinsho Shinkeigaku** 1984 Sep;24(9):945-50 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Resonance properties of the human elbow. MacKay WA. **Can J Physiol Pharmacol** 1984 Jul;62(7):802-8

The flexor function of the m. pronator teres in man: a quantitative electromyographic study. Thepaut-Mathieu C, et al. **Eur J Appl Physiol** 1985;54(1):116-21

An electromyographic study of elbow motion during postexercise muscle soreness. Howell JN, et al. **J Appl Physiol** 1985 May;58(5):1713-8

Influence of arm positions on EMG-reaction time of the biceps brachii for elbow flexion and forearm supination. Taniguchi R, et al. **Percept Mot Skills** 1984 Aug; 59(1):191-4

RADIOGRAPHY

An elderly man with a swollen elbow and fever. Sperber SJ. **Hosp Pract [Off]** 1985 Jan 15;20(1):165-7

SURGERY

The surgical treatment of osteochondritis of the capitellum. McManama GB Jr, et al. **Am J Sports Med** 1985 Jan-Feb; 13(1):11-21

Fasciocutaneous flap coverage for periolecranon defects. Bunkis J, et al. **Ann Plast Surg** 1985 Apr;14(4):361-70

External oblique fasciocutaneous flap for elbow coverage. Fisher J. **Plast Reconstr Surg** 1985 Jan;75(1):51-61

Surgical treatment of elbow contractures in postburn children. Stern PJ, et al. **Plast Reconstr Surg** 1985 Sep; 76(3):441-6

[Steindler-plasty in paralysis of the elbow flexor muscles] Martini AK, et al. **Handchir Mikrochir Plast Chir** 1985 Jan;17(1):23-6 (Eng. Abstr.) **(Ger)**

ELBOW JOINT

Submuscular transposition for the ulnar nerve at the elbow. Posner MA. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall; 44(2):406-23

Arthritis of the elbow caused by metastatic bronchogenic carcinoma. Philipson JD, et al. **Clin Exp Rheumatol** 1983 Apr-Jun;1(2):165-9

Resurfacing elbow prosthesis: shape and sizing of the humeral component. Wevers HW, et al. **J Biomed Eng** 1985 Jul; 7(3):241-6

Tuberculous arthritis of the elbow presenting as chronic bursitis of the olecranon. A case report. Holder SF, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1127-9

Histological study on the development of punctiform ligament insertion using ligamentum collaterale cubiti. Küsswetter W, et al. **Nippon Geka Hokan** 1984 Nov 1; 53(6):736-41

Two cases of Poncet's disease. Wilkinson AG, et al. **Tubercle** 1984 Dec;65(4):301-3

[Tuberculous arthritis of the elbow joint—results of resection treatment and arthroplasty after 10 years] Hirasawa Y, et al. **Acta Chir Orthop Traumatol Cech** 1985 Jul;52(4):361-6 (Eng. Abstr.) **(Cze)**

[Ankyloses of the elbow joint after burns] Vrbický B, et al. **Rozhl Chir** 1985 Feb;64(2):147-51 (Eng. Abstr.) **(Cze)**

[Minor complaints: tennis elbow] de Wolf AN, et al. **Ned Tijdschr Geneeskd** 1984 Nov 17;128(46):2191-4 **(Dut)**

[Conservative treatment of osteoarticular tuberculosis of the elbow] Martini M, et al. **Rev Chir Orthop** 1985;71(2):139-40

(Eng. Abstr.) (Fre)

[Arthroscopy of the elbow joint—indications and results] Hempfling H. **Z Orthop** 1984 Nov–Dec;122(6):750–3 (Eng. Abstr.) (Ger)

[Extra-articular ankylosis of the elbow joint after intravenous infusion of pharmaceutical preparations] Osmanov OO, et al. **Ortop Travmatol Protez** 1984 Oct;(10):43 (Rus)

[Treatment of children with post-traumatic contractures of the elbow joint] Ovsiankin NA. **Ortop Travmatol Protez** 1984 Jul;(7):40–4 (Eng. Abstr.) (Rus)

[Use of dimethyl sulfoxide (DMSO) for treating flexion contractures in rheumatoid arthritis patients] Murav'ev IuV, et al. **Ter Arkh** 1984;56(9):128–9 (Rus)

ANATOMY & HISTOLOGY

Elbow joint contact study: comparison of techniques. Stormont TJ, et al. **J Biomech** 1985;18(5):329–36

INJURIES

Fracture of the head of the radius treated by elbow cast. Mathur N, et al. **Acta Orthop Scand** 1984 Oct;55(5):567–8

Nursemaid's elbow: a radiographic demonstration. Frumkin K. **Ann Emerg Med** 1985 Jul;14(7):690–3

Posttraumatic bacterial arthritis with luxation of the elbow. A case report. Winroth G, et al. **Arch Orthop Trauma Surg** 1984;103(3):227–9

Posterior dislocation of the elbow. A simplified method of closed reduction. Hankin FM. **Clin Orthop** 1984 Nov;(190):254–6

Elbow injuries in gymnastics. Priest JD. **Clin Sports Med** 1985 Jan;4(1):73–83

Brachial artery damage accompanying closed posterior dislocation of the elbow. Grimer RJ, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):378–81

The pediatric T-supracondylar fracture. Jarvis JG, et al. **J Pediatr Orthop** 1984 Nov;4(6):697–9

Entrapment of the median nerve after dislocation of the elbow. Pritchett JW. **J Pediatr Orthop** 1984 Nov;4(6):752–3

Fractures of the capitellum. Dushuttle RP, et al. **J Trauma** 1985 Apr;25(4):317–21

Vascular injury associated with a posterior elbow dislocation. Connolly JF, et al. **Nebr Med J** 1985 Apr;70(4):124–6

Anatomical and functional results after treatment of dislocated supracondylar fractures of the humerus in children. van Egmond DB, et al. **Neth J Surg** 1985 Apr;37(2):45–9

[Anterior luxation of the elbow joint with fracture of the olecranon] Loup J. **Acta Orthop Belg** 1984 Sep–Oct;50(5):700–4 (Eng. Abstr.) (Fre)

[Posterior luxations of the elbow in children] Robert M, et al. **Acta Orthop Belg** 1984;50(6):750–7 (Eng. Abstr.) (Fre)

[Rehabilitation of the distal joints of the upper limbs in traumatology] Kohler R. **Rev Med Suisse Romande** 1984 Dec;104(12):1021–5 (Fre)

[Replacement-plasty of the coronoid process in unstable elbow joint dislocations with avulsion fracture of the coronoid process and radius head crush fracture] Meeder PJ, et al. **Aktuel Traumatol** 1985 Apr;15(2):89–90 (Ger)

[Operative long-term results in delayed radius head dislocation in childhood] Schmitt E, et al. **Aktuel Traumatol** 1985 Feb;15(1):36–41 (Eng. Abstr.) (Ger)

[Operative treatment of distal intra-articular humerus fractures; results of 412 follow-up cases (AO-collected statistics)] Lob G, et al. **Langenbecks Arch Chir** 1984;364:359–61 (Eng. Abstr.) (Ger)

[Late damage to the ulnar nerve following trauma to the elbow joint] Schwarz B, et al. **Unfallchirurg** 1985 Apr;88(4):208–13 (Eng. Abstr.) (Ger)

[Fractures in the elbow joint area in childhood and adolescence] Benz G, et al. **Unfallchirurgie** 1985 Jun;11(3):128–35 (Eng. Abstr.) (Ger)

[Operative treatment of unstable elbow dislocations] Böhnel P. **Zentralbl Chir** 1985;110(7):440–1 (Ger)

[Incidence of painful pronation in pediatric traumatology] Torretta F, et al. **Chir Ital** 1982 Jun;34(3):469–75 (Eng. Abstr.) (Ita)

[Disorders of ulnar nerve function after injuries of the elbow joint area treated by anterior transposition of the nerve] Kiwerski J. **Chir Narzadow Ruchu Ortop Pol** 1984;49(4):339–43 (Eng. Abstr.) (Pol)

[Fractures of the head of the humeral condyle associated with elbow joint dislocation in children] Sysa NF. **Ortop Travmatol Protez** 1985 Apr;(4):35–7 (Eng. Abstr.) (Rus)

PATHOLOGY

[Experimental study of the reaction of paraosseous tissues of the elbow joint after cryosurgery] Malyshkina SV, et al. **Ortop Travmatol Protez** 1984 Jul;(7):44–6 (Eng. Abstr.) (Rus)

[Pathology review. Gouty nodule] Castillo-Staab M. **Bol Asoc Med PR** 1985 Mar;77(3):93–4 (Spa)

PHYSIOLOGY

Elbow flexion analysis in Bristow patients. A preliminary report. Chen SK, et al. **Am J Sports Med** 1984 Sep–Oct;12(5):347–50

Repair of the brachial plexus directed to restoring elbow flexion. Sunderland S. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):485–97 (29 ref.)

Rapid goal-directed elbow flexion movements: limitations of the speed control system due to neural constraints. Benecke R, et al. **Exp Brain Res** 1985;59(3):470–7

Isometric torque-angle relationship and movement-related activity of human elbow flexors: implications for the equilibrium-point hypothesis. Hasan Z, et al. **Exp Brain Res** 1985;59(3):441–50

Anatomy of raccoon (Procyon lotor) and coati (Nasua narica and N. nasua) forearm and leg muscles: relations between fiber length, moment-arm length, and joint-angle excursion. McClearn D. **J Morphol** 1985 Jan;183(1):87–115

Carrying angle of the human elbow joint. An KN, et al. **J Orthop Res** 1984;1(4):369–78

Relationship of isokinetic torque to isometric torque. Otis JC, et al. **J Orthop Res** 1983;1(2):165–71

Elbow moment and forces at the hands during swing-through axillary crutch gait. Reisman M, et al. **Phys Ther** 1985 May;65(5):601–5

[Device for measuring movements in the radiocarpal joints] Savchenko VK. **Revmatologiia (Moskva)** 1985 Jan–Mar;(1):61–3 (Rus)

PHYSIOPATHOLOGY

Arc-aggregation: a new method of range of motion analysis in hemophilia. Johnson RP, et al. **Arch Phys Med Rehabil** 1984 Oct;65(10):584–7

Elbow function following tension band fixation of displaced fractures of the olecranon. Holdsworth BJ, et al. **Injury** 1984 Nov;16(3):182–7

Determination of the parameters for an athetotic arm model. Niku S, et al. **J Biomech** 1985;18(3):209–15

Pectoralis major transfer for paralysis of elbow flexion in children. Atkins RM, et al. **J Bone Joint Surg [Br]** 1985 Aug;67(4):640–4

[Transverse groove of the elbow joint. A biomechanical interpretation of its origin] Oberländer W, et al. **Z Orthop** 1984 Sep–Oct;122(5):682–5 (Eng. Abstr.) (Ger)

RADIOGRAPHY

Fat plane radiological signs in wrist and elbow trauma. Zimmers TE. **Am J Emerg Med** 1984 Nov;2(6):526–32

Ruptured triceps tendon diagnosed radiographically. Newmark H 3d, et al. **Australas Radiol** 1985 Feb;29(1):60–3

Elbow arthrography: a reassessment of the technique. Teng MM, et al. **Radiology** 1984 Dec;153(3):611–3

Familial osteochondritis dissecans: a dysplasia of articular cartilage? Kozlowski K, et al. **Skeletal Radiol** 1985;13(3):207–10

[Diagnosis of loose bodies in the olecranon fossa of the elbow joint] Lais E, et al. **ROFO** 1984 Dec;141(6):713–5 (Ger)

[The elbow exposed to vibrating instruments and idiopathic diffuse skeletal hyperostosis: association or pure coincidence?] Trotta F, et al. **Minerva Med** 1984 Dec 15;75(47–48):2821–7 (Eng. Abstr.) (Ita)

SURGERY

The need for elbow replacement. Abernethy PJ. **Ann Chir Gynaecol [Suppl]** 1985;198:81–4

Elbow synovectomy. Gschwend N, et al. **Ann Chir Gynaecol [Suppl]** 1985;198:31–6

Reconstruction of a posterior defect of the elbow joint using an extensor carpi radialis longus myocutaneous flap: case report. Ohtsuka H, et al. **Br J Plast Surg** 1985 Apr;38(2):238–40

A synopsis of surgery for rheumatoid arthritis (excluding the hand). Goldie I. **Clin Orthop** 1984 Dec;(191):185–92

Synovectomy of the elbow in rheumatoid arthritis. Brumfield RH Jr, et al. **J Bone Joint Surg [Am]** 1985 Jan;67(1):16–20

The Stanmore total elbow replacement for rheumatoid arthritis. Johnson JR, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):732–6

Surface replacement of the elbow in rheumatoid arthritis. Early results with the Wadsworth prosthesis. Rydholm U, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):737–41

[Corium interpositionplasty of the elbow and wrist joint] Koneczny O, et al. **Handchir Mikrochir Plast Chir** 1985 Jan;17(1):18–22 (Eng. Abstr.) (Ger)

TRANSPLANTATION

Cadaveric elbow allografts. A six-year experience. Urbaniak JR, et al. **Clin Orthop** 1985 Jul–Aug;(197):131–40

ELDER ABUSE

Elder abuse. Taler G, et al. **Am Fam Physician** 1985 Aug;32(2):107–14

Family violence: guidelines for recognition and management. Ghent WR, et al. **Can Med Assoc J** 1985 Mar 1;132(5):541–53

Geriatric abuse intervention team in a family practice setting. Clark CB. **J Tenn Med Assoc** 1984 Sep;77(9):535–6

Syphilis in the elderly [letter] Luke EA Jr. **JAMA** 1985 Oct 4;254(13):1722–3

A decision-making model for diagnosing and intervening in elder abuse and neglect. Phillips LR, et al. **Nurs Res** 1985 May–Jun;34(3):134–9

LEGISLATION & JURISPRUDENCE

Reporting elder abuse: it's the law. Thobaben M, et al. **Am J Nurs** 1985 Apr;85(4):371–4

Vulnerable adults are at risk for abuse and neglect. **Mich Med** 1985 Mar;84(3):143

PREVENTION & CONTROL

Elder abuse victims estimated at 1 million. Riffer J. **Hospitals** 1985 Mar 1;59(5):60

Successfully resolved geriatric abuse cases by the Geriatric Abuse Intervention Team. Clark CB. **J Tenn Med Assoc** 1984 Oct;77(10):599–600

ELECTRIC ANESTHESIA see **ELECTRONARCOSIS**

ELECTRIC CONDUCTANCE, SKIN see **GALVANIC SKIN RESPONSE**

ELECTRIC CONDUCTIVITY

A new method for measuring electrical resistance of bone 'in vivo'. Rubinacci A, et al. **Acta Orthop Belg** 1984 Sep–Oct;50(5):686–91

Electrical characteristics of a set of electrodes. Génin J, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;411:124–30

Electrical resistance of arterioles and venules in the hamster cheek pouch. Olesen SP. **Acta Physiol Scand** 1985 Jan;123(1):121–6

Assessment of fat-free mass using bioelectrical impedance measurements of the human body. Lukaski HC, et al. **Am J Clin Nutr** 1985 Apr;41(4):810–7

Role of gangliosides in adhesion and conductance changes in large spherical model membranes. Brewer GJ, et al. **Biochim Biophys Acta** 1984 Oct 3;776(2):279–87

The ac field patterns about living cells. Rivera H, et al. **Cell Biophys** 1985 Mar;7(1):43–55

Methods of complex impedance measurements in biologic tissue. Ackmann JJ, et al. **Crit Rev Biomed Eng** 1984;11(4):281–311 (76 ref.)

The study of volt-ampere characteristics of ionic channels formed by gramicidin A. Passechnik VI, et al. **Gen Physiol Biophys** 1985 Feb;4(1):35–54

In vivo growth plate stimulation in various capacitively coupled electrical fields. Brighton CT, et al. **J Orthop Res** 1983;1(1):42–9

Experimental foundation of the Gabor-Nelson theory applied to boundaries which are non-insulating. Troquet J, et al. **J Theor Biol** 1985 Jun 7;114(3):399–411

Dielectric properties of frog tissues in vivo and in vitro. Schwartz JL, et al. **Phys Med Biol** 1985 Feb;30(2):117–24

A 'convertible pore' model of neural membrane conductance. Wooldridge DE. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7238–42

[Edema in pregnancy. Calculation of the contents of maternal cells] Dumont M, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):875–80 (Eng. Abstr.) (Fre)

[The pH effect of CO2 on current voltage characteristics of membrane-covered pO2 electrodes] Westfahl J, et al. **Z Gesamte Hyg** 1984 Nov;30(11):627–30 (Eng. Abstr.) (Ger)

[Changes in electrical conductivity of various drugs in an aqueous frozen phase. I. The measurement of eutectic temperature and collapse temperature at amorphous freezing] Inoue M, et al. **Yakugaku Zasshi** 1984 Sep;104(9):966–72 (Eng. Abstr.) (Jpn)

[Changes in electrical conductivity of various drugs in aqueous frozen phase. II. The frozen state of aqueous solution of cephalothin sodium] Inoue M, et al. **Yakugaku Zasshi** 1984 Sep;104(9):981–5 (Eng. Abstr.) (Jpn)

[Effect of cholesterol on the stability of human erythrocyte membranes to electric breakdown] Goncharenko MS, et al. **Biofizika** 1985 May–Jun;30(3):441–5 (Eng. Abstr.) (Rus)

[Human body impedance and the physiological indices under physical loads] Pal'chikov VE, et al. **Fiziol Cheloveka** 1985 Jan–Feb;11(1):90–5 (Rus)

[Apparatus for measuring the electrical resistance of human skin] Kolotilov NN, et al. **Fiziol Zh** 1985 May–Jun;31(3):366–8 (Rus)

DRUG EFFECTS

The insecticide DDT decreases membrane potential and cell input resistance of cultured human liver cells. Schefczik K, et al. **Biochim Biophys Acta** 1984 Oct 3;776(2):337–9

ELECTRIC COUNTERSHOCK

Echocardiographic left atrial dimension as a predictor of maintaining sinus rhythm after conversion of atrial fibrillation. Höglund C, et al. **Acta Med Scand** 1985;217(4):411–5

Timing of the right ventricular apical electrogram during sustained ventricular tachycardia: relation to surface QRS morphology and potential clinical implications. Almendral JM, et al. **Am J Cardiol** 1984 Nov 1;54(8):1003–7

Influence of magnesium ion on human ventricular defibrillation after aortocoronary bypass surgery. Hecker BR, et al. **Am J Cardiol** 1985 Jan 1;55(1):61–4

Prophylactic external pacing during cardioversion of atrial tachyarrhythmias. Sharkey SW, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1632–4

Abstracts from the Fifth Purdue Conference of CPR and defibrillation. **Am J Emerg Med** 1984 Jul;2(4):347–62

Impressions from the Fifth Purdue Conference: it's time to re-emphasize defibrillation [editorial] Tacker WA Jr, et al. **Am J Emerg Med** 1985 Mar;3(2):174

Anesthesia and the automatic implantable cardioverter/defibrillator. Gaba DM, et al. **Anesthesiology** 1985 Jun;62(6):786–92

EMT defibrillation [letter] Eisenberg M, et al. **Ann Emerg Med** 1985 May;14(5):487

Bretylium in hypothermia–induced ventricular fibrillation in dogs. Elenbaas RM, et al. **Ann Emerg Med** 1984 Nov; 13(11):994–9

Early prehospital cardiopulmonary resuscitation [letter] Goodenberger DM. **Ann Emerg Med** 1985 Jun;14(6):615

Artificial perfusion techniques during cardiac arrest: questions of experimental focus versus clinical need. Niemann JT. **Ann Emerg Med** 1985 Aug;14(8):761–8 (49 ref.)

Use of naloxone during cardiac arrest and CPR: potential adjunct for postcountershock electrical–mechanical dissociation. Rothstein RJ, et al. **Ann Emerg Med** 1985 Mar; 14(3):198–203

An implantable defibrillator. Help for ventricular arrhythmias. Moss PM, et al. **AORN J** 1984 Oct;40(4):551–8

Defibrillators in general practice. Clyde C, et al. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1351–3

Lack of effect of bretylium tosylate on electrical ventricular defibrillation in a controlled study. Koo CC, et al. **Cardiovasc Res** 1984 Dec;18(12):762–7

Prognostic significance of field response in out–of–hospital ventricular fibrillation. Warner LL, et al. **Chest** 1985 Jan; 87(1):22–8

Clinical experience, complications, and survival in 70 patients with the automatic implantable cardioverter/defibrillator. Echt DS, et al. **Circulation** 1985 Feb;71(2):289–96

Transcatheter ablation: comparison between laser photoablation and electrode shock ablation in the dog. Lee BI, et al. **Circulation** 1985 Mar;71(3):579–86

Electrical interventions in cardiopulmonary resuscitation: cardioversion. Pancoast P, et al. **Emerg Med Clin North Am** 1983 Dec;1(3):535–9

Electrical interventions in cardiopulmonary resuscitation: defibrillation. Ventriglia WJ, et al. **Emerg Med Clin North Am** 1983 Dec;1(3):515–34 (247 ref.)

Anticoagulation in atrial fibrillation. Huerta BJ, et al. **Heart Lung** 1985 Sep;14(5):521–3

Catheter ablation of atrioventricular junction for the management of resistant supraventricular tachycardias. Khalilullah M, et al. **Indian Heart J** 1985 Jan–Feb;37(1):4–7

Defibrillator electrode–chest wall coupling agents: influence on transthoracic impedance and shock success. Aylward PE, et al. **J Am Coll Cardiol** 1985 Sep;6(3):682–6

Treatment of atrial automatic tachycardia by ablation procedures. Gillette PC, et al. **J Am Coll Cardiol** 1985 Aug; 6(2):405–9

Out-of-hospital automatic cardioversion of ventricular tachycardia. Ruffy R, et al. **J Am Coll Cardiol** 1985 Aug; 6(2):482–5

Transventricular simple–capacitor discharge defibrillation thresholds after coronary ligation and body hypothermia. Arredondo MT, et al. **J Biomed Eng** 1984 Oct;6(4):284–8

Ventricular fibrillation and transient arrhythmias after defibrillation in patients with acute myocardial infarction. Geuze RH, et al. **J Electrocardiol** 1984 Oct;17(4):353–60

28–year survival after myocardial infarction with ventricular fibrillation treated by electrical countershock [letter] Weckesser EC. **N Engl J Med** 1985 Jan 24;312(4):248

[Atrial paroxysmal tachycardia with atrioventricular block—their treatment by precordial electrostimulation] Mikhailov P. **Vutr Boles** 1984;23(6):76–9 (Eng. Abstr.) **(Bul)**

[Long–term fate of 103 patients with auricular fibrillation lasting for over 15 days treated with cardioversion and preventive therapy] Roussane A, et al. **Ann Cardiol Angeiol (Paris)** 1984 Nov;33(7):449–52 (Eng. Abstr.) **(Fre)**

[Cardioversion in the 36th week of pregnancy] Podolecki A, et al. **Wiad Lek** 1985 Feb 1;38(3):244–6 **(Pol)**

[Treatment of refractory atrial tachycardia with electrofulguration. Induction of total A–V block with endocardial shock] Sosa E, et al. **Arq Bras Cardiol** 1984 Jun;42(6):411–4 (Eng. Abstr.) **(Por)**

[20 years' experience in using electric reversion of sinus rhythm in patients with atrial fibrillation] Bulynin VI, et al. **Klin Med (Mosk)** 1985 Feb;63(2):56–9 (Eng. Abstr.) **(Rus)**

[Drug treatment of patients with the chronic form of atrial fibrillation in counterindications for cardioversion (a review)] Vorob'ev LP, et al. **Ter Arkh** 1985;57(1):123–8 (144 ref.) **(Rus)**

[Dynamics of ionized blood plasma calcium in acute myocardial infarct patients during counterpulsation] Liashevskaia TN, et al. **Vrach Delo** 1984 Aug;(8):16–7 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Anatomic and hemodynamic effects of catheter–delivered ablation energies in the ventricle. Kempf FC Jr, et al. **Am J Cardiol** 1985 Aug 1;56(4):373–7

Digoxin and the susceptibility of the canine heart to countershock–induced arrhythmia. Leja FS, et al. **Am J Cardiol** 1985 Apr 1;55(8):1070–5

Decreased defibrillator–induced dysfunction with biphasic rectangular waveforms. Jones JL, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H792–6

Postcountershock myocardial damage after pretreatment with adrenergic and calcium channel antagonists in halothane–anesthetized dogs. Gaba DM, et al. **Anesthesiology** 1985 May;62(5):610–4

Infantile hematomyelia complicating electrocardioversion. Parker JC Jr, et al. **Arch Pathol Lab Med** 1985 Apr; 109(4):370–1

Morphologic effects of defibrillation: a preliminary report. Karch SB, et al. **Crit Care Med** 1984 Oct;12(10):920–1

Endocardial and transcutaneous cardiac pacing, calcium chloride, and epinephrine in postcountershock asystole and bradycardias. Niemann JT, et al. **Crit Care Med** 1985 Sep; 13(9):699–704

Absence of cardioversion–induced ventricular arrhythmias in patients with therapeutic digoxin levels. Mann DL, et al. **J Am Coll Cardiol** 1985 Apr;5(4):882–90

[Explosion of transdermal nitroglycerin during defibrillation (letter)] Kuhnen R, et al. **Dtsch Med Wochenschr** 1985 Jan 4;110(1):37 **(Ger)**

ECONOMICS

The potential use of automatic defibrillators in the home for management of cardiac arrest. Hallstrom A, et al. **Med Care** 1984 Dec;22(12):1083–7

EDUCATION

Automatic external defibrillators: clinical, training, psychological, and public health issues. Cummins RO, et al. **Ann Emerg Med** 1985 Aug;14(8):755–60

HISTORY

Ventricular fibrillation and defibrillation: historical perspectives with emphasis on the contributions of John MacWilliam, Carl Wiggers, and William Kouwenhoven. Fye WB. **Circulation** 1985 May;71(5):858–65

INSTRUMENTATION

Automatic implantable cardioverter–defibrillator: appearance and complications. Lurie AL, et al. **AJR** 1985 Oct; 145(4):723–5

Catheter electrode defibrillation in dogs: threshold dependence on implant time and catheter stability. Kallok MJ, et al. **Am Heart J** 1985 Apr;109(4):821–6

Practical aspects of automatic cardioverter/defibrillator implantation. Winkle RA, et al. **Am Heart J** 1984 Nov; 108(5):1335–46 (12 ref.)

Improved internal defibrillation with twin pulse sequential energy delivery to different lead orientations in pigs. Jones DL, et al. **Am J Cardiol** 1985 Mar 1;55(6):821–5

Development of the implantable transvenous cardioverter. Zipes DP, et al. **Am J Cardiol** 1984 Nov 14;54(9):67D–72D

Intraoperative defibrillator failure. Bashein G, et al. **Anesthesiology** 1985 Mar;62(3):354–5

Assessment of a prototype implantable cardioverter for ventricular tachycardia. Relation between synchronisation of sensing and origin of the tachycardia. Perelman MS, et al. **Br Heart J** 1984 Oct;52(4):385–91

The initial case at The Cleveland Clinic Foundation of the automatic implantable cardioverter–defibrillator and review of the literature. King–Rankine M, et al. **Cleve Clin Q** 1985 Spring;52(1):75–80

The automatic implantable defibrillator. Flores BT, et al. **Heart Lung** 1984 Nov;13(6):608–13

Intractable tachycardia and a dead battery. Laser J. **Hosp Pract [Off]** 1984 Oct;19(10):165, 169, 173

From Holter monitors to automatic defibrillators: developments in ambulatory arrhythmia monitoring. Thakor NV. **IEEE Trans Biomed Eng** 1984 Dec; 31(12):770–8 (47 ref.)

Experimental evaluation and initial clinical application of new self–adhesive defibrillation electrodes. Kerber RE, et al. **Int J Cardiol** 1985 May;8(1):57–66

Automated external defibrillator–pacemaker [letter] Thomas NB, et al. **Int J Cardiol** 1984 Oct;6(4):555

The automatic implantable cardioverter–defibrillator: an overview. Mirowski M. **J Am Coll Cardiol** 1985 Aug; 6(2):461–6 (39 ref.)

Evaluation of defibrillators. **J Med Eng Technol** 1985 Jan–Feb;9(1):34–6

Evaluation of defibrillators [letter] Craig DM, et al. **J Med Eng Technol** 1985 Jan–Feb;9(1):33

Evaluation of defibrillators (a reply) [letter]. O'Dowd WJ. **J Med Eng Technol** 1985 Mar–Apr;9(2):90

Cardioverters, proteins, receptors studied in cardiovascular disorders [news] **JAMA** 1985 Apr 19;253(15):2173–5, 2179–80

Fundamental criteria underlying the efficacy and safety of defibrillating current waveforms. Geddes LA, et al. **Med Biol Eng Comput** 1985 Mar;23(2):122–30

Potential hazard to cardioversion patients. McGurgan PL. **Med Instrum** 1984 Jul–Aug;18(4):237

Implantation of automatic cardioverter–defibrillators via median sternotomy. Brodman R, et al. **PACE** 1984 Nov; 7(6 Pt 2):1363–9

The potential role of the implantable defibrillator in malignant ventricular arrhythmias. Coumel P, et al. **PACE** 1984 Nov;7(6 Pt 2):1137–9

Unipolar electrode system for an implantable defibrillator: new experimental approaches. Fontaine G, et al. **PACE** 1984 Nov;7(6 Pt 2):1351–6

A connection box allowing simultaneous recording of electrograms and shock delivery for treatment of cardiac arrhythmias. Kersemakers J, et al. **PACE** 1985 Jul; 8(4):539–43

Epicardial implantation of the automatic implantable defibrillator by left subcostal thoracotomy. Lawrie GM, et al. **PACE** 1984 Nov;7(6 Pt 2):1370–4

Clinical performance of the implantable cardioverter–defibrillator. Mirowski M, et al. **PACE** 1984 Nov;7(6 Pt 2):1345–50

Automatic implantable cardioverter–defibrillator structural characteristics. Mower MM, et al. **PACE** 1984 Nov;7(6 Pt 2):1331–7

Implantable cardioverter–defibrillator: patient selection and implantation protocol. Reid PR, et al. **PACE** 1984 Nov;7(6 Pt 2):1338–44

Implantable defibrillator electrode systems: a brief review. Santel DJ, et al. **PACE** 1985 Jan;8(1):123–31 (34 ref.)

Twiddler's syndrome: a new twist. Veltri EP, et al. **PACE** 1984 Nov;7(6 Pt 1):1004–9

Surgical techniques for implanting the automatic implantable defibrillator. Watkins L Jr, et al. **PACE** 1984 Nov;7(6 Pt 2):1357–62

Electronic control of ventricular tachyarrhythmias: overview and future directions. Winkle RA. **PACE** 1984 Nov;7(6 Pt 2):1375–9

Preliminary experience with the implantable transvenous cardioverter. Zipes DP, et al. **PACE** 1984 Nov;7(6 Pt 2):1325–30

Automatic implantable cardioverter–defibrillator: radiographic appearance. Goodman LR, et al. **Radiology** 1985 Jun;155(3):571–3

[Automatic implantable defibrillator. A method for the treatment of life–threatening arrhythmias] Grendahl H, et al. **Tidsskr Nor Laegeforen** 1985 Jun 30;105(19–21):1310–1 (Eng. Abstr.) **(Nor)**

[Automatic implantable defibrillator–cardioverter. A therapeutic alternative for patients with potentially fatal ventricular tachyarrythmias] Farré J, et al. **Rev Esp Cardiol** 1985 May–Jun;38(3):184–9 (Eng. Abstr.) **(Spa)**

METHODS

Evaluation of a percutaneous catheter technique for ablation of ventricular tachycardia in a canine model. Chapman PD, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):1–8

Catheter ablation of incessant ventricular tachycardia refractory to external cardioversions. Belhassen B, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1637–9

Transvenous catheter ablation of the accessory atrioventricular pathway in the permanent form of junctional reciprocating tachycardia. Critelli G, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1639–41

Low–energy defibrillation: safe and effective. Lake CL, et al. **Am J Emerg Med** 1985 Mar;3(2):104–7

Effect of epinephrine on defibrillation in ischemic ventricular fibrillation. Otto CW, et al. **Am J Emerg Med** 1985 Jul; 3(4):285–91

Epicardial versus parietal pericardial defibrillation. Rubin L, et al. **Am J Emerg Med** 1985 Mar;3(2):160–4

Internal transvenous low energy cardioversion for the treatment of cardiac arrhythmias. Nathan AW, et al. **Br Heart J** 1984 Oct;52(4):377–84

A prospective randomized study of the clinical efficacy and safety of transvenous cardioversion for termination of ventricular tachycardia. Ciccone JM, et al. **Circulation** 1985 Mar;71(3):571–8

Automated impedance–based energy adjustment for defibrillation: experimental studies. Kerber RE, et al. **Circulation** 1985 Jan;71(1):136–40

Catheter ablation of the atrioventricular junction: a report of the percutaneous mapping and ablation registry. Scheinman MM, et al. **Circulation** 1984 Dec;70(6):1024–9

Catheter ablation: a new therapeutic modality for management of supraventricular tachyarrhythmias. Khalilullah M, et al. **Indian Heart J** 1985 Jan–Feb;37(1):1–3

Evaluation of transthoracic countershock with initial energy levels up to 200 J in a coronary care unit. Geuze RH, et al. **J Electrocardiol** 1985 Jul;18(3):251–8

High–energy versus low–energy defibrillation: experience in patients (excluding those in the intensive care unit) at Mayo Clinic–affiliated hospitals. Morgan JP, et al. **Mayo Clin Proc** 1984 Dec;59(12):829–34

External defibrillation during thoracotomy [letter] Baraka A, et al. **Middle East J Anaesthesiol** 1985 Feb;8(1):75–6

Hydrops from reciprocating atrioventricular tachycardia in a 27–week fetus requiring quinidine for conversion. Guntheroth WG, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):29S–33S

Activation of the right ventricular apical electrogram during ventricular tachycardia: suitability for synchronizing intracavitary cardioversion. Sharma AD, et al. **PACE** 1985 Mar;8(2):186–91

Transthoracic defibrillation of 100 kg calves with bidirectional truncated exponential shocks. Schuder JC, et al. **Trans Am Soc Artif Intern Organs** 1984;30:520–5

[Auricular flutter after cardiothoracic surgery. Treatment by auricular stimulation using the esophageal approach] du Cailar C, et al. **Presse Med** 1984 Oct 13;13(36):2193–6 (Eng. Abstr.) (Fre)

[Endocardial cardioversion—a new method for treating recurrent ventricular tachycardia] Hombach V, et al. **Dtsch Med Wochenschr** 1984 Sep 21;109(38):1443–8 (Eng. Abstr.) (Ger)

[Supraventricular tachycardia: the results of bundle of His ablation] Manz M, et al. **Dtsch Med Wochenschr** 1985 Apr 12;110(15):576–82 (Eng. Abstr.) (Ger)

[Possibilities of electrotherapy of the heart in the prehospital phase] Volkmann H, et al. **Z Arztl Fortbild (Jena)** 1984; 78(15):623–5 (Ger)

[How to defibrillate the cardiac arrest victim. A practical note] Cocco G, et al. **Clin Ter** 1984 Jun 30;109(6):563–8 (Eng. Abstr.) (Ita)

[Elimination of drug-resistant supraventricular tachyarrhythmia by transvenous electrodestruction of the atrioventricular junction] Bokeriia LA, et al. **Kardiologiia** 1984 Jul;24(7):23–9 (Eng. Abstr.) (Rus)

STANDARDS

Functional cardiac depression caused by defibrillator shocks. Quantitation of the safety factor for electrical defibrillation. Niebauer MJ, et al. **Jpn Heart J** 1984 Sep;25(5):773–81

UTILIZATION

Limitation on effectiveness of rapid defibrillation by emergency medical technicians in a rural setting. Ornato JP, et al. **Ann Emerg Med** 1984 Dec;13(12):1096–9

Defibrillators in general practice [letter] Dixon RA, et al. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):242

ELECTRIC INJURIES

[Electric injuries in children] Vrbický J, et al. **Rozhl Chir** 1985 Jun;64(6):470–4 (Eng. Abstr.) (Cze)

COMPLICATIONS

Lightning injury. Dowling J, et al. **Ir Med J** 1984 Aug; 77(8):250–1

Cataracts: a long-term complication of electrical injury. Saffle JR, et al. **J Trauma** 1985 Jan;25(1):17–21

Neurologic, psychiatric, and cardiovascular complications in children struck by lightning. Kotagal S, et al. **Pediatrics** 1982 Aug;70(2):190–2

[Myocardial infarct after injury by lightening] Funiak S, et al. **Vnitr Lek** 1984 Nov;30(11):1118–21 (Eng. Abstr.) (Slo)

DIAGNOSIS

Cardiac injury due to lightning—report of a survivor. Subramanian N, et al. **Indian Heart J** 1985 Jan–Feb; 37(1):72–3

[Bilateral tympanic membrane perforation caused by a lightning accident] Brunner FX. **HNO** 1984 Oct; 32(10):429–30 (Eng. Abstr.) (Ger)

ETIOLOGY

Lightning injuries. Tribble CG, et al. **Compr Ther** 1985 Feb; 11(2):32–40

Discussion of 'Electrocution by Street Lighting' [letter] Béland B. **J Forensic Sci** 1985 Apr;30(2):311–5

Current electrosurgical practice: hazards. Pearce J. **J Med Eng Technol** 1985 May–Jun;9(3):107–11

Lightning injury with survival in five patients. Amy BW, et al. **JAMA** 1985 Jan 11;253(2):243–5

Intracerebral hematoma secondary to lightning stroke: case report and review of the literature. Stanley LD, et al. **Neurosurgery** 1985 May;16(5):686–8

Lightning cataracts. Shapiro MB. **Wis Med J** 1984 Dec; 83(12):23–4

[The risk of electric fences] Hjøllund KB. **Ugeskr Laeger** 1984 Dec 17;146(51):4058–60 (Eng. Abstr.) (Dan)

[Accidents and complications in iontophoresis: their prevention] Teyssandier MJ. **Acta Belg Med Phys** 1984 Jul–Sep;7(3):91–5 (Fre)

MORTALITY

Experimental study on the lethal threshold value of multiple successive voltage impulses to rabbits simulating multi-stroke lightning flash. Ishikawa T, et al. **Int J Biometeorol** 1985 Jun;29(2):157–68

OCCURRENCE

Farm workers electrocuted when irrigation pipes contact powerlines. Helgerson SD, et al. **Public Health Rep** 1985 May–Jun;100(3):325–8

PATHOLOGY

Tracing the use of electrical torture. Karlsmark T, et al. **Am J Forensic Med Pathol** 1984 Dec;5(4):333–7

[A spectacular sailing accident. A contribution to the problem of combined/concurrent causes of death in high-voltage injuries] Ranner G, et al. **Arch Kriminol** 1984 May–Jun; 173(5–6):142–50 (Eng. Abstr.) (Ger)

PHYSIOPATHOLOGY

Electrical and lightning injuries. Cooper MA. **Emerg Med Clin North Am** 1984 Aug;2(3):489–501

[Transient plethora after a lightning injury] Blokhin MP, et al. **Gematol Transfuziol** 1984 Aug;29(8):55–6 (Rus)

PREVENTION & CONTROL

Guidelines for electrical safety in the cardiac catheterization laboratory. Judkins MP. **Cathet Cardiovasc Diagn** 1984; 10(3):299–301

Diazepam administration to mice prevents some of the changes in monoamine-mediated behaviour produced by repeated electroconvulsive shock treatment. Green AR, et al. **Psychopharmacology (Berlin)** 1985;86(1–2):190–3

SURGERY

[Electrical injuries: complications and treatment] Sarig A, et al. **Harefuah** 1983 Oct 16;105(8):226–9 (Heb)

THERAPY

Lightning injuries. Cooper MA. **Emerg Med Clin North Am** 1983 Dec;1(3):639–41

VETERINARY

Sheep slaughtering procedures. IV. Responsiveness of the brain following electrical stunning. Gregory NG, et al. **Br Vet J** 1985 Jan–Feb;141(1):74–81

ELECTRIC ORGAN

ANALYSIS

Kinetic analysis of channel gating. Application to the cholinergic receptor channel and the chloride channel from Torpedo californica. Labarca P, et al. **Biophys J** 1985 Apr; 47(4):469–78

A Raman spectroscopic investigation of the lipid state in acetylcholine receptor-rich membranes from Torpedo marmorata. Aslanian D, et al. **EMBO J** 1985 Apr; 4(4):965–9

Separate fractions of mRNA from Torpedo electric organ induce chloride channels and acetylcholine receptors in Xenopus oocytes. Sumikawa K, et al. **EMBO J** 1984 Oct; 3(10):2291–4

Monoclonal rat anti-Torpedo electroplax nicotinic acetylcholine receptor antibodies: immunochemical characterization. Lukas RJ. **J Immunol Methods** 1984 Nov 16;74(1):129–38

Characterization of calelectrin, a Ca2+-binding protein isolated from the electric organ of Torpedo marmorata. Südhof TC, et al. **J Neurochem** 1985 Apr;44(4):1302–7

Affinity chromatography of cholinergic receptor proteins. Hopff WH, et al. **J Recept Res** 1984;4(1–6):219–29

DRUG EFFECTS

[Effect of gamma-aminobutyric acid, taurine and catecholamines on the synaptic processes in Lorenzini's ampules in Black Sea skates] Akoev GN, et al. **Fiziol Zh SSSR** 1985 Apr;71(4):466–71 (Eng. Abstr.) (Rus)

EMBRYOLOGY

Torpedo electromotor system development: developmentally regulated neuronotrophic activities of electric organ tissue. Richardson GP, et al. **J Comp Neurol** 1985 Jan 15; 231(3):339–52

ENZYMOLOGY

Physicochemical behaviour and structural characteristics of membrane-bound acetylcholinesterase from Torpedo electric organ. Effect of phosphatidylinositol-specific phospholipase C. Futerman AH, et al. **Biochem J** 1985 Mar 1;226(2):369–77

Characterization of a Mg2+-ATPase and a proton pump in cholinergic synaptic vesicles from the electric organ of Torpedo marmorata. Harlos P, et al. **Eur J Biochem** 1984 Nov 2;144(3):441–6

Detergent-soluble form of acetylcholinesterase in the electric organ of electric rays. Its isolation, characterization and monoclonal antibodies. Sakai M, et al. **Eur J Biochem** 1985 Apr 1;148(1):197–206

Creatine phosphokinase: isoenzymes in Torpedo marmorata. Witzemann V. **Eur J Biochem** 1985 Jul 1;150(1):201–10

Papain digestion of the subunits of (Na,K)-ATPase. Kamimura K, et al. **FEBS Lett** 1985 Jul 22;187(1):135–40

Ultrahistochemical localization of adenylate cyclase activity in the electric organ of Torpedo marmorata. Müller U, et al. **Histochemistry** 1985;82(5):429–33

Anchorage of collagen-tailed acetylcholinesterase to the extracellular matrix is mediated by heparan sulfate proteoglycans. Brandan E, et al. **J Cell Biol** 1985 Sep; 101(3):985–92

Subcellular localization of creatine kinase in Torpedo electrocytes: association with acetylcholine receptor-rich membranes. Wallimann T, et al. **J Cell Biol** 1985 Apr; 100(4):1063–72

Mg-ATPase and Torpedo cholinergic synaptic vesicles. Diebler MF, et al. **J Neurochem** 1985 May;44(5):1633–41

alpha-Phenyl-beta-(3,4-dimethoxy)phenethylamines: novel inhibitors of choline acetyltransferase from Torpedo electric organ. Shafik RM, et al. **J Pharm Sci** 1984 Nov; 73(11):1548–50

IMMUNOLOGY

Monoclonal antibody directed against the 43 000 dalton v1 polypeptide from Torpedo marmorata electric organ. Nghiêm HO, et al. **Dev Biol Stand** 1984;57:393–8

INNERVATION

The localization and rate of disappearance of a synaptic vesicle antigen following denervation. Borroni E, et al. **Cell Tissue Res** 1985;241(2):367–72

Influence of denervation on the cholinergic membrane of the electric tissue of Electrophorus electricus (L.). Gomes Quintana E, et al. **Comp Biochem Physiol [C]** 1985; 81(2):461–7

Innervation pattern and electric organ discharge waveform in Gymnotus carapo (Teleostei; Gymnotiformes). Trujillo-Cenóz O, et al. **J Neurobiol** 1984 Jul;15(4):273–81

The mormyrid brainstem—II. The medullary electromotor relay nucleus: an ultrastructural horseradish peroxidase study. Elekes K, et al. **Neuroscience** 1985 Jun;15(2):417–29

METABOLISM

Binding of GABA receptor channel drugs to a putative voltage-dependent chloride channel in Torpedo electric organ. Abalis IM, et al. **Biochem Pharmacol** 1985 Jul 15; 34(14):2579–82

Displacement of [3H]phencyclidine binding to Torpedo electric organ membrane by calcium channel antagonists. Epstein PM, et al. **Biochem Pharmacol** 1984 Dec 15; 33(24):4087–9

Desensitization of membrane-bound Torpedo acetylcholine receptor by amine noncompetitive antagonists and aliphatic alcohols: studies of [3H]acetylcholine binding and 22Na+ ion fluxes. Boyd ND, et al. **Biochemistry** 1984 Aug 28; 23(18):4023–33

Long-lived metastable states and hysteresis in the binding of acetylcholine to Torpedo california acetylcholine receptor. Chang HW, et al. **Biochemistry** 1984 Sep 25; 23(20):4546–56

Effects of heating on the ion-gating function and structural domains of the acetylcholine receptor. Soler G, et al. **Biochemistry** 1984 Sep 25;23(20):4630–6

Effects of thio-group modifications of Torpedo californica acetylcholine receptor on ion flux activation and inactivation kinetics. Walker JW, et al. **Biochemistry** 1984 May 22;23(11):2329–38

Effects of Pb2+ and Cd2+ on acetylcholine release and Ca2+ movements in synaptosomes and subcellular fractions from rat brain and Torpedo electric organ. Suszkiw J, et al. **Brain Res** 1984 Dec 3;323(1):31–46

The electric organ of Discopyge tschudii: its innervated face and the biology of acetylcholinesterase. Méndez B, et al. **Cell Mol Neurobiol** 1984 Jun;4(2):125–42

Seasonal variations in the muscarinic regulation of acetylcholine release from Torpedo electric organ nerve terminals. Pinchasi I, et al. **Comp Biochem Physiol [C]** 1985; 81(2):439–44

Aryldiazonium salts as photoaffinity labels of the nicotinic acetylcholine receptor PCP binding site. Kotzyba-Hibert F, et al. **FEBS Lett** 1985 Mar 25;182(2):297–301

Identification of a 43-kDa polypeptide associated with acetylcholine receptor-enriched membranes as MM creatine kinase. Perryman MB, et al. **J Biol Chem** 1985 Aug 5;260(16):9399–404

Tubular crystals of acetylcholine receptor. Brisson A, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1202–11

Reconstitution of carrier-mediated choline transport in proteoliposomes prepared from presynaptic membranes of Torpedo electric organ, and its internal and external ionic requirements. Vyas S, et al. **J Membr Biol** 1985;85(2):111–9

Calcium- and calmodulin-dependent phosphorylation of diphosphoinositide in acetylcholine receptor-rich membranes from electroplax of Narke japonica. Hayashi F, et al. **J Neurochem** 1985 Jul;45(1):124–31

Is propionylcholine present in or synthesized by electric organ? Kosh JW, et al. **J Neurochem** 1985 Oct; 45(4):1148–53

Primary structure of Electrophorus electricus sodium channel deduced from cDNA sequence. Noda M, et al. **Nature** 1984 Nov 8–14;312(5990):121–7

Membrane-bound choline acetyltransferase in Torpedo electric organ: a marker for synaptosomal plasma membranes? Eder-Colli L, et al. **Neuroscience** 1985 Jun; 15(2):577–89

Demonstration and affinity labeling of a stereoselective binding site for a benzomorphan opiate on acetylcholine receptor-rich membranes from Torpedo electroplaque. Oswald RE, et al. **Proc Natl Acad Sci USA** 1985 Feb; 82(3):940–4

[Recycling of synaptic vesicles in the nerve terminal] Tashiro T. **Tanpakushitsu Kakusan Koso** 1984 Nov;29(12 Suppl):1046–55 (69 ref.) (Jpn)

PHYSIOLOGY

The quantal nature of transmission and spontaneous potentials at the Torpedo electromotor junction. Erdélyi L. **Acta Physiol Hung** 1985;65(1):81–93

Retrograde labeling of regenerated electromotor neurons with HRP in a teleost fish, Sternarchus albifrons: relation to cell death. Anderson MJ, et al. **Cell Tissue Res** 1985; 241(2):237–40

Electrophysiological aspects of synaptic transmission at the electromotor junction of Torpedo marmorata. Erdelyi L, et al. **Comp Biochem Physiol [A]** 1984;79(4):505–11

Antipsychotic drugs depress acetylcholine release in the Torpedo electric organ, a purely cholinergic system. Schaller-Clostre F, et al. **Eur J Pharmacol** 1985 May 28; 112(1):27–37

Phase and amplitude computations in the midbrain of an electric fish: intracellular studies of neurons participating in the jamming avoidance response of Eigenmannia. Heiligenberg W, et al. **J Neurosci** 1985 Feb;5(2):515–31

Relationship between presynaptic membrane potential and acetylcholine release in synaptosomes from Torpedo electric organ. Meunier FM. **J Physiol (Lond)** 1984 Sep; 354:121–37

Metabolism of arachidonic acid and prostaglandins in the Torpedo electric organ: modulation by the presynaptic muscarinic acetylcholine receptor. Pinchasi I, et al. **Neuroscience** 1984 Dec;13(4):1359–64

The postsynaptic domain in Torpedo marmorata electric organ: molecular architecture and stabilization mechanisms. Cartaud J, et al. **Prog Clin Biol Res** 1984;164:255–63

Electroreception and communication in electric fish. Westby GW. **Sci Prog** 1984 Summer;69(274):291–313 (26 ref.)

[Protection furnished by dihydrodinoreburnameninol on the electrical activity of Torpedo marmorata kept in water polluted by copper. I] Aloj Totàro E, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2293–6 (Eng. Abstr.) **(Ita)**

[The electrical discharge of Torpedo marmorata under normal conditions and during hypoxia and anoxia. I] Aloj Totàro E, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30; 60(12):2281–4 (Eng. Abstr.) **(Ita)**

[Effects of dihydrodinoreburnameninol on the electrical discharge of Torpedo marmorata under normal conditions and during hypoxia and anoxia. I] Aloj Totaro E, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2285–91 (Eng. Abstr.) **(Ita)**

ULTRASTRUCTURE

Scanning electron microscopy of the electric organs of Electrophorus electricus L. II. Organs of Sachs and Hunter. Esquibel MA, et al. **Cell Tissue Res** 1985;241(3):585–92

Cytoskeletal proteins at the cholinergic synapse: distribution of desmin, actin, fodrin, neurofilaments, and tubulin in Torpedo electric organ. Walker JH, et al. **Eur J Cell Biol** 1985 Jul;38(1):123–33

Saturable [D-Ala2, D-Leu5]-enkephalin transport into cholinergic synaptic vesicles. Day NC, et al. **FEBS Lett** 1985 Apr 8;183(1):25–8

Large-scale purification of Torpedo electric organ synaptosomes. Israël M, et al. **J Neurochem** 1985 Apr; 44(4):1107–10

Presynaptic neurones may contribute a unique glycoprotein to the extracellular matrix at the synapse. Caroni P, et al. **Nature** 1985 Apr 4–10;314(6010):441–3

ELECTRIC POWER PLANTS see **POWER PLANTS**

ELECTRIC RAY see **TORPEDO**

ELECTRIC STIMULATION

see related
CARDIAC PACING, ARTIFICIAL

Ventricular fibrillation threshold in the three-toed sloth (Bradypus tridactylus). Valentinuzzi ME, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(3):313–22

Value of programmed stimulation and exercise testing in predicting one-year mortality after acute myocardial infarction. Denniss AR, et al. **Am J Cardiol** 1985 Aug 1; 56(4):213–20

Prognostic value of electrical tests in acute facial paralysis. Fisch U. **Am J Otol** 1984 Oct;5(6):494–8 (8 ref.)

Response of cracked incisor teeth to cold and electrical stimulation. Abdel Wahab MH, et al. **Br Dent J** 1985 Apr 6;158(7):259–60

Electrical nerve stimulation in the awake patient. Jabaley ME. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):248–59

'Fade' of hyperpolarizing responses to vagal stimulation at the sinoatrial and atrioventricular nodes of the rabbit heart. Salata JJ, et al. **Circ Res** 1985 May;56(5):718–27

Electrical stimulation of the substantia nigra does not increase tail-flick latency in the rat. Duggal KN, et al. **Exp Neurol** 1985 Feb;87(2):300–8

The effects of neurotoxicants on kindling and kindled seizures. Joy RM. **Fundam Appl Toxicol** 1985 Feb; 5(1):41–65 (137 ref.)

Psychophysical response to electrocutaneous stimulation. Aiello GL, et al. **IEEE Trans Biomed Eng** 1984 Aug; 31(8):558–60

The strength-duration curve. Geddes LA, et al. **IEEE Trans Biomed Eng** 1985 Jun;32(6):458–9

The effect of frequency change on discrimination of pulse bursts in an electrocutaneous tactual vocoder. Bull D, et al. **J Acoust Soc Am** 1985 Mar;77(3):1192–8

Ipsilateral versus bilateral placement of a tactile vocoder display. Craig JC, et al. **J Acoust Soc Am** 1985 Mar; 77(3):1266–8

Prediction of sudden death and spontaneous ventricular tachycardia in survivors of complicated myocardial infarction: value of the response to programmed stimulation using a maximum of three ventricular extrastimuli. Waspe LE, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1292–301

The influence of stimulus type and stimulus strength on the silent period in human masticatory muscles. Kroon GW, et al. **J Oral Rehabil** 1984 Nov;11(6):547–54

Temporal course of bone formation in response to constant direct current stimulation. Esterhai JL, et al. **J Orthop Res** 1985;3(2):137–9

Tissue stimulation: theoretical considerations and practical applications. Geddes LA, et al. **Med Biol Eng Comput** 1985 Mar;23(2):131–7

The role of cytoskeleton in the mechanisms of electric field effects and information transfer in cellular systems. Vassilev P, et al. **Med Hypotheses** 1985 Feb;16(2):93–6

Comparison of isometric exercise and high volt galvanic stimulation on quadriceps femoris muscle strength. Mohr T, et al. **Phys Ther** 1985 May;65(5):606–12

Pressor response to electrical and chemical stimulation of nucleus raphe dorsalis in the cat. Piper RD, et al. **Stroke** 1985 Mar–Apr;16(2):307–12

[The relationship between electrical callus formation and the amount of electricity] Okada Y, et al. **Nippon Seikeigeka Gakkai Zasshi** 1984 Oct;58(10):1013–23 (Eng. Abstr.) **(Jpn)**

[Esophageal stimulation: its usefulness in the diagnosis and treatment of cardiac arrhythmias] González Zuelgaray J, et al. **Arq Bras Cardiol** 1984 Aug;43(2):103–7 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Phagocytic and metabolic reactions to intracerebral electrical stimulation of rat brain. Babb TL, et al. **Exp Neurol** 1984 Nov;86(2):183–97

Neuropathologic changes following direct-current stimulation of the rat sciatic nerve. Chase SG, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):615–7

[Thoracic pain precipitated by electric stimulation of the esophagus (letter)] Fillette F, et al. **Presse Med** 1984 Sep 29;13(33):2021–2 **(Fre)**

INSTRUMENTATION

A nerve stimulator for peripheral nerve blockade. Smith DC, et al. **Anaesthesia** 1985 Jun;40(6):569–71

Electrical nerve location: numerical and electrophoretic comparison of insulated vs uninsulated needles. Bashein G, et al. **Anesth Analg** 1984 Oct;63(10):919–24

Comparison of insulated and uninsulated needles for locating peripheral nerves with a peripheral nerve stimulator. Ford DJ, et al. **Anesth Analg** 1984 Oct;63(10):925–8

A simple electronic unit allowing extracellular recording and stimulation through the same wire hook or suction electrode. Hatzopoulos A, et al. **J Neurosci Methods** 1984 Aug;11(3):169–72

Assessment of capacitor electrodes for intracortical neural stimulation. Rose TL, et al. **J Neurosci Methods** 1985 Jan; 12(3):181–93

High-current and high-voltage stimulators. Scholfield CN, et al. **J Neurosci Methods** 1985 Jan;12(3):227–33

Medullary osteogenesis with platinum cathodes. Dymecki SM, et al. **J Orthop Res** 1985;3(2):125–36

A versatile computer-controlled biological stimulus sequencer. Boyechko G, et al. **J Pharmacol Methods** 1984 Aug;12(1):45–52

A battery-alarm system for phrenic nerve stimulators. Alstad B, et al. **Scand J Rehabil Med** 1984;16(3):137–8

METHODS

The effect of bepridil, verapamil, and quinidine in the prevention of ventricular tachycardia induced by programmed electrical stimulation in the digitalized dog. Keren G, et al. **Am Heart J** 1984 Nov;108(5):1236–43

Comparison in the same patient of two programmed ventricular stimulation protocols to induce ventricular tachycardia. Brugada P, et al. **Am J Cardiol** 1985 Feb 1; 55(4):380–3

Effects of high stimulation current on the induction of ventricular tachycardia. Morady F, et al. **Am J Cardiol** 1985 Jul 1;56(1):73–8

Nonsustained ventricular tachycardia during programmed ventricular stimulation: criteria for a positive test. Platia EV, et al. **Am J Cardiol** 1985 Jul 1;56(1):79–83

Pulsed galvanic stimulation: effects of current frequency and polarity on blood flow in healthy subjects. Hecker B, et al. **Arch Phys Med Rehabil** 1985 Jun;66(6):369–71

Atrial and ventricular programmed electrical stimulation in patients with symptomatic hypertrophic cardiomyopathy. Schiavone WA, et al. **Cleve Clin Q** 1984 Winter;51(4):601–9

Effect of electrode size on brain stimulation. Milner PM, et al. **Exp Neurol** 1985 Sep;89(3):603–15

The use of programmed electrical stimulation in patients with documented or suspected ventricular arrhythmias. Cassidy DM, et al. **Heart Lung** 1984 Nov;13(6):602–7 (55 ref.)

Retrograde electrical pacing and its influence on the migrating motor complex of the canine jejunum. Monson JR, et al. **Ir J Med Sci** 1984 May;153(5):161–5

Diaphragmatic pressures: transvenous vs. direct phrenic nerve stimulation. Planas RF, et al. **J Appl Physiol** 1985 Jul;59(1):269–73

Treatment of sciatic denervation disuse osteoporosis in the rat tibia with capacitively coupled electrical stimulation. Dose response and duty cycle. Brighton CT, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1022–8

Constant-current versus constant-voltage stimulation [letter] Prass R, et al. **J Neurosurg** 1985 Apr;62(4):622–3

Fracture healing in the rabbit fibula when subjected to various capacitively coupled electrical fields. Brighton CT, et al. **J Orthop Res** 1985;3(3):331–40

Motor evoked potentials from transcranial stimulation of the motor cortex in humans. Levy WJ, et al. **Neurosurgery** 1984 Sep;15(3):287–302

A simple method for identifying and testing the recurrent laryngeal nerve. James AG, et al. **Surg Gynecol Obstet** 1985 Aug;161(2):185–6

[Mexiletine treatment of ventricular tachy-arrhythmias endangering life based on programmed ventricular stimulation] Møller M, et al. **Ugeskr Laeger** 1985 Apr 8; 147(15):1254–7 (Eng. Abstr.) **(Dan)**

[Programmed ventricular stimulation] Møller M. **Ugeskr Laeger** 1985 Apr 8;147(15):1249–53 (Eng. Abstr.) **(Dut)**

[Dispersion of auricular refractory periods. Role of the intensity of the stimulation current] Chauvin M, et al. **Ann Cardiol Angeiol (Paris)** 1985 Jun;34(6):405–7 (Eng. Abstr.) **(Fre)**

[Diagnostic value of methods of ventricular and auricular stimulation in the evaluation of tachycardia] Perrot B, et al. **Arch Mal Coeur** 1985 Apr;78(4):569–77 (Eng. Abstr.) **(Fre)**

[Transesophageal electric stimulation of the left atrium in the diagnosis of ischemic heart disease] Liakishev AA, et al. **Kardiologiia** 1984 Oct;24(10):19–23 (Eng. Abstr.) **(Rus)**

ELECTRIC STIMULATION, THERAPEUTIC see **ELECTROTHERAPY**

ELECTRIC WIRING see under **ELECTRICITY**

ELECTRICITY

see related
BIOELECTRIC ENERGY SOURCES
LIGHTNING

Charge build-up effects in insulating phantom materials. Mattsson LO, et al. **Acta Radiol [Oncol]** 1984;23(5):393–9

Study and models of total lead exposures of battery workers. Chavalitnitikul C, et al. **Am Ind Hyg Assoc J** 1984 Dec; 45(12):802–8

Improved internal defibrillation with twin pulse sequential energy delivery to different lead orientations in pigs. Jones DL, et al. **Am J Cardiol** 1985 Mar 1;55(6):821–5

Current densities measured in human models exposed to 60-Hz electric fields. Kaune WT, et al. **Bioelectromagnetics** 1985;6(1):13–32

Short-circuit currents, surface electric fields, and axial current densities for guinea pigs exposed to ELF electric fields. Kaune WT, et al. **Bioelectromagnetics** 1984; 5(3):361–4

Movement of a fluorescent lipid label from a labeled erythrocyte membrane to an unlabeled erythrocyte membrane following electric-field-induced fusion. Sowers AE. **Biophys J** 1985 Apr;47(4):519–25

Response of C3H/10T1/2 fibroblasts to an external steady electric field stimulation. Reorientation, shape change, ConA receptor and intramembranous particle distribution and cytoskeleton reorganization. Yang WP, et al. **Exp Cell Res** 1984 Nov;155(1):92–104

An electrifying endoscopy (suite) experience [letter] Horsley J, et al. **Gastrointest Endosc** 1985 Feb;31(1):54

Nucleotide sequence-dependent opening of double-stranded DNA at an electrically charged surface. Jelen F, et al. **Gen Physiol Biophys** 1985 Apr;4(2):219–37

Ceramic electrodes for ELF bioeffects studies. Carstensen EL, et al. **IEEE Trans Biomed Eng** 1984 Aug;31(8):557–60

Effects of transient high electric fields on rat thymocytes. Srinivasan VT, et al. **Indian J Biochem Biophys** 1984 Feb; 21(1):70–2

Use of the piezo-electric gun to remove surface charge from intraocular lenses. Tennant JL, et al. **J Am Intraocul Implant Soc** 1984 Fall;10(4):486–7

Source of stray voltage and effect on cow health and performance. Appleman RD, et al. **J Dairy Sci** 1985 Jun; 68(6):1554–67 (40 ref.)

Discussion of 'Electrocution by Street Lighting' [letter] Béland B. **J Forensic Sci** 1985 Apr;30(2):311–5

Dielectric studies of protein hydration and hydration-induced flexibility. Bone S, et al. **J Mol Biol** 1985 Jan 20;181(2):323–6

Perturbation of the direction of neurite growth by pulsed and focal electric fields. Patel NB, et al. **J Neurosci** 1984 Dec;4(12):2939–47

Electrical and ionic controls of tissue cell locomotion in DC electric fields. Cooper MS, et al. **J Neurosci Res** 1985; 13(1–2):223–44

Response of nerve growth cone to focal electric currents. Patel NB, et al. **J Neurosci Res** 1985;13(1–2):245–56

In vitro growth of bovine articular cartilage chondrocytes in various capacitively coupled electrical fields. Brighton CT, et al. **J Orthop Res** 1984;2(1):15–22

Gap junctions increase the sensitivity of tissue cells to exogenous electric fields. Cooper MS. **J Theor Biol** 1984 Nov 7;111(1):123–30

Leukaemia in electrical workers in New Zealand [letter] Pearce NE, et al. **Lancet** 1985 Apr 6;1(8432):811–2

Perspectives on electrical equipment used in oxygen–enriched atmospheres. Lipschultz A, et al. **Med Instrum** 1984 Jul–Aug;18(4):239–44

Perspectives on electrical equipment used in oxygen–enriched atmospheres [letter] Raber MB. **Med Instrum** 1984 Nov–Dec;18(6):336

Morphological changes in Escherichia coli subjected to direct current electrical fields. Ellis HW. **Microbios** 1985; 42(169–170):183–201

Electrifying artifacts. **Radiol Technol** 1984 Nov–Dec; 56(2):99–100

A simple device to eliminate static electricity while sectioning paraffin. Berk LS, et al. **Stain Technol** 1985 May; 60(3):184–6

[Noise and its measurement in computed tomography] Chen SZ. **Chung Hua Fang She Hsueh Tsa Chih** 1985 Feb; 19(1):30–2 (Eng. Abstr.) (Chi)

[Properties of unidirectional currents] Teyssandier MJ. **Acta Belg Med Phys** 1984 Jul–Sep;7(3):85–90 (Fre)

[Organizing role of electric fields in structured enzymatic systems] Valleton JM, et al. **C R Acad Sci [III]** 1985; 300(12):449–52 (Eng. Abstr.) (Fre)

[Cable attachment for wall rail systems] Wendt M, et al. **Anasth Intensivther Notfallmed** 1984 Dec;19(6):314 (Eng. Abstr.) (Ger)

[Effect of electric fields on performance and affect in healthy probands] Hansl G, et al. **Z Exp Angew Psychol** 1984; 31(4):567–85 (Eng. Abstr.) (Ger)

[The relationship between electrical callus formation and the amount of electricity] Okada Y, et al. **Nippon Seikeigeka Gakkai Zasshi** 1984 Oct;58(10):1013–23 (Eng. Abstr.) (Jpn)

[Liquid method of electret formation] Lowkis B, et al. **Polim Med** 1983;13(3–4):161–72 (Eng. Abstr.) (Pol)

[Effect of an electric charge on athrombogenic properties of polyvinyl chloride foil] Lowkis B, et al. **Polim Med** 1983; 13(3–4):151–60 (Eng. Abstr.) (Pol)

[Dynamics of relaxation of the triboelectric charge on the surface of the horny layer of the epidermis] Godik EE, et al. **Biofizika** 1985 Mar–Apr;30(2):309–12 (Eng. Abstr.) (Rus)

[Changes in the static electric field in restrained animals] Zatsepina GN, et al. **Biofizika** 1985 Mar–Apr;30(2):361–2 (Eng. Abstr.) (Rus)

[Changes in blood morphological indices in mice of different ages exposed to an alternating electrical field] Baskurian AK, et al. **Fiziol Zh** 1985 Jan–Feb;31(1):73–6 (Rus)

[Comparative evaluation of the tuberculin sensitivity and T– and B–cell levels in the peripheral blood of workers in electromechanical engineering] Strelis AK, et al. **Gig Tr Prof Zabol** 1985 May;(5):48–9 (Rus)

[Intraglobular electrostatic field of an enzyme. IV. Electrolytic dissociation of the active center of alpha–chymotrypsin] Krishtalik LI, et al. **Mol Biol (Mosk)** 1984 Jul–Aug;18(4):892–900 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

Biological effects of a 765–kV, 60–Hz transmission line on honey bees (Apis mellifera L.): hemolymph as a possible stress indicator. Bindokas V, et al. **Bioelectromagnetics** 1984;5(3):305–14

ELECTROACOUSTIC IMPEDANCE TESTS see **ACOUSTIC IMPEDANCE TESTS**

ELECTROANALGESIA see under **ELECTROTHERAPY**

ELECTROANESTHESIA see **ELECTRONARCOSIS**

ELECTROCARDIOGRAPHY

The clinical value of the His–bundle electrogram in intraventricular conduction defects. Veress G, et al. **Acta Med Hung** 1985;42(1–2):67–76

Atrioventricular conduction time in ankylosing spondylitis. Distribution of P–R intervals in patients and their relatives. Møller P. **Acta Med Scand** 1985;217(1):85–8

On the normal scalar ECG. A new classification system considering age, sex and heart position. Lundh B. **Acta Med Scand [Suppl]** 1984;691:1–147

Ventricular fibrillation threshold in the three–toed sloth (Bradypus tridactylus). Valentinuzzi ME, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(3):313–22

The role of Ca influx in cardiac muscle excitation–contraction coupling. Assessment by extracellular Ca microelectrodes. Bers DM, et al. **Adv Myocardiol** 1985;6:49–57

Influence of explantation procedure on the electrical and morphological properties of cultured neonatal rat ventricle cells. Fermini B, et al. **Adv Myocardiol** 1985;6:25–36

Differences in electrical and mechanical recovery from ischemic heart arrest and cardioplegia. Juggi JS, et al. **Adv Myocardiol** 1985;6:491–502

Physiological and pharmacological analysis of transmembrane action potentials of human atrial fibers. Kecskeméti V, et al. **Adv Myocardiol** 1985;6:37–47

A model for cardiac ischemia. Cardiac cells transplanted into the renal capsular space of the rat and their electrophysiological properties. Nishizono Y, et al. **Adv Myocardiol** 1985;6:383–93

Electrocardiograms in children with bronchial asthma. Jaiyesimi F, et al. **Afr J Med Med Sci** 1984 Sep–Dec; 13(3–4):127–33

Serum potassium levels, red–blood–cell potassium and alterations of the repolarization phase of electrocardiography in old subjects. Barbagallo Sangiorgi G, et al. **Age Ageing** 1984 Sep;13(5):309–12

The significance of the subendocardial infarction. Meyer SA. **Am Fam Physician** 1985 Feb;31(2):123–6 (7 ref.)

Contrasting incidence, inducibility, and transmural sites of origin of ventricular arrhythmias during acute coronary occlusion and reperfusion. Agarwal JB, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):879–84

Pseudo–atrial rhythm due to electrical ventricular separation. Algeo SS, et al. **Am Heart J** 1985 Apr;109(4):900–2

Transient ST segment elevation during anaphylactic shock. Antonelli D, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1052–4

Reflex heart rate and blood pressure changes during ST segment elevation in patients with variant angina. Araki H, et al. **Am Heart J** 1984 Nov;108(5):1273–8

Two–dimensional echocardiography versus surface electrocardiography for the diagnosis of acute non–Q wave myocardial infarction. Arvan S, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):44–9

Comparison of a QRS scoring system for estimating acute infarct size with radionuclide left ventriculography. Babbitt D, et al. **Am Heart J** 1984 Dec;108(6):1426–30

Sinus node dysfunction during coronary vasospastic angina. Bashour TT, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1056–9

Torsade de pointes: a maximal vulnerability arrhythmia. Bashour TT, et al. **Am Heart J** 1985 Jan;109(1):167–9

Idiopathic recurrent sustained ventricular tachycardia responsive to verapamil: an ECG–electrophysiologic entity. Belhassen B, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1034–7

Asymptomatic transient ST changes during ambulatory ECG monitoring in diabetic patients. Chiariello M, et al. **Am Heart J** 1985 Sep;110(3):529–34

Evaluation of noninvasive tests for identifying patients with preexcitation syndrome at risk of rapid ventricular response. Critelli G, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):905–9

Evaluation of the association of mitral valve prolapse in patients with Wolff–Parkinson–White type ECG and its relationship to the ventricular activation pattern. Drake CE, et al. **Am Heart J** 1985 Jan;109(1):83–7

AV block induced by drinking cold liquids. Gelman JS, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1054–6

Clinical predictability of left ventricular function post myocardial infarction from the electrocardiogram. Hamby RI, et al. **Am Heart J** 1985 Feb;109(2):338–42

Disappearance of pathologic Q wave after PTCA in evolving myocardial infarction. Ibba GV, et al. **Am Heart J** 1984 Dec;108(6):1538–40

Electrophysiologic effects of amiodarone: experimental and clinical observation relative to serum and tissue drug concentrations. Ikeda N, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):890–8

The electrocardiogram at extreme altitude: experience on Mt. Everest. Karliner JS, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):505–13

Development and evolution of electrocardiographic Minnesota Q–QS codes in patients with acute myocardial infarction. Karnegis JN, et al. **Am Heart J** 1985 Aug; 110(2):452–9

Junctional ectopic tachycardia in an infant: electrophysiologic evaluation. Karpawich PP. **Am Heart J** 1985 Jan;109(1):159–60

Vulnerability to ventricular fibrillation in patients with clinically manifest ventricular tachycardia. Kowey PR, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):884–9

Coronary angiography during exercise–induced angina with ECG changes. Matsuda Y, et al. **Am Heart J** 1984 Oct; 108(4 Pt 1):959–66

Transient U wave inversion during variant angina. Matsuguchi T, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):899–904

Ventricular fibrillation during ambulatory electrocardiography. Northcote RJ, et al. **Am Heart J** 1984 Dec;108(6):1560–2

Prognostic implications of complicated ventricular arrhythmias early after hospital discharge in acute myocardial infarction: a serial ambulatory electrocardiography study. Olson HG, et al. **Am Heart J** 1984 Nov;108(5):1221–8

Transtelephonic electrocardiographic monitoring: reliability in detecting the ischemic ST segment response during exercise. Pratt CM, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):967–74

Electrocardiographic evidence suggestive of myocardial infarction without significant organic heart disease. Proudfit WL, et al. **Am Heart J** 1985 Aug;110(2):448–52

Transient myocardial ischemia with minimal electrocardiographic changes: an echocardiographic study in patients with Prinzmetal's angina. Rovai D, et al. **Am Heart J** 1985 Jan;109(1):78–83

The effect of antiarrhythmic drugs on life–threatening arrhythmias induced by the interaction between acute myocardial ischemia and sympathetic hyperactivity. Schwartz PJ, et al. **Am Heart J** 1985 May;109(5 Pt 1):937–48

Prolongation of QT interval and antiarrhythmic action of bepridil. Somberg J, et al. **Am Heart J** 1985 Jan; 109(1):19–27

The effect of electrode position on atrial sensing for physiologically responsive cardiac pacemakers. Timmis GC, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):909–16

Directional variability in the R wave response during serial exercise testing in patients with coronary artery disease. Voyles WF, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):983–8

Scintigraphic characterization of Q wave and non–Q–wave acute myocardial infarction. Wahl JM, et al. **Am Heart J** 1985 Apr;109(4):769–75

Prognostic significance of ventricular late potentials in coronary artery disease. Zimmermann M, et al. **Am Heart J** 1985 Apr;109(4):725–32

Echocardiographic–electrocardiographic correlates. Zoneraich S. **Am Heart J** 1985 Jul;110(1 Pt 1):193–6

Emission of ink aerosol from ink–jet recorders. Norbäck D, et al. **Am Ind Hyg Assoc J** 1985 Feb;46(2):85–8

Baseline rest electrocardiographic abnormalities, antihypertensive treatment, and mortality in the Multiple Risk Factor Intervention Trial. Multiple Risk Factor Intervention Trial Research Group. **Am J Cardiol** 1985 Jan 1;55(1):1–15

Exercise electrocardiogram and coronary heart disease mortality in the Multiple Risk Factor Intervention Trial. Multiple Risk Factor Intervention Trial Research Group. **Am J Cardiol** 1985 Jan 1;55(1):16–24

Timing of the right ventricular apical electrogram during sustained ventricular tachycardia: relation to surface QRS morphology and potential clinical implications. Almendral JM, et al. **Am J Cardiol** 1984 Nov 1;54(8):1003–7

Subtle electrocardiographic changes in children with high levels of blood pressure. Aristimuno GG, et al. **Am J Cardiol** 1984 Dec 1;54(10):1272–6

Unrecognized Q–wave myocardial infarction in patients older than 64 years in a long–term health–care facility. Aronow WS, et al. **Am J Cardiol** 1985 Sep 1;56(7):483

Right ventricular infarction with electrocardiographic anterior left ventricular infarction and thrombosis of the left anterior descending coronary artery. Barbour DJ, et al. **Am J Cardiol** 1985 Apr 15;55(9):1220–1

Paradoxical delay in accessory pathway conduction during long R–P' tachycardia after interpolated ventricular premature complexes. Bardy GH, et al. **Am J Cardiol** 1985 Apr 15;55(9):1223–5

Inferoseptal myocardial infarction: another cause of precordial ST–segment depression in transmural inferior wall myocardial infarction? Boden WE, et al. **Am J Cardiol** 1984 Dec 1;54(10):1216–23

Prolonged electrical systole and QT greater than QS2 secondary to coronary artery disease. Boudoulas H, et al. **Am J Cardiol** 1985 Apr 1;55(8):915–9

Atrial conduction: effects of extrastimuli with and without atrial dysrhythmias. Buxton AE, et al. **Am J Cardiol** 1984 Oct 1;54(7):755–61

Quantification of differences in frequency content of signal–averaged electrocardiograms in patients with compared to those without sustained ventricular tachycardia. Cain ME, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1500–5

Time for a new approach to management of patients with both symptomatic and asymptomatic episodes of myocardial ischemia [editorial] Cohn PF. **Am J Cardiol** 1984 Dec 1;54(10):1358–9

Estimation of inferobasal myocardial infarct size by late activation abnormalities of the QRS complex. Cowan MJ, et al. **Am J Cardiol** 1984 Oct 1;54(7):726–32

Mechanism of inferior electrocardiographic ST–segment depression during acute anterior myocardial infarction in a baboon model. Crawford MH, et al. **Am J Cardiol** 1984 Nov 1;54(8):1114–7

Transient ST–segment depression as a marker of myocardial ischemia during daily life. Deanfield JE, et al. **Am J Cardiol** 1984 Dec 1;54(10):1195–200

Analysis of ST–segment changes in normal subjects: implications for ambulatory monitoring in angina pectoris. Deanfield JE, et al. **Am J Cardiol** 1984 Dec 1;54(10):1321–5

Effects of exercise on blood pressure, plasma catecholamines, potassium and the electrocardiogram after diuretic and neural–blocking therapy for moderate hypertension. DeQuattro V, et al. **Am J Cardiol** 1985 Aug 30; 56(6):39D–45D

Value of preexisting bundle branch block in the electrocardiographic differentiation of supraventricular from ventricular origin of wide QRS tachycardia. Dongas J, et al. **Am J Cardiol** 1985 Mar 1;55(6):717–21

Relation of electrocardiographic R–wave amplitude to changes in left ventricular chamber size and position in normal subjects. Feldman T, et al. **Am J Cardiol** 1985 Apr 15;55(9):1168–74

Albumin–induced changes in the electrocardiographic QRS complex. Heaf JG. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1530–3

Propafenone treatment of recurrent ventricular tachycardia: comparison of continuous electrocardiographic recording and electrophysiologic study in predicting drug efficacy. Heger JJ, et al. **Am J Cardiol** 1984 Nov 14;54(9):40D–44D

Significance of ventricular pauses of three seconds or more detected on twenty–four–hour Holter recordings. Hilgard

J, et al. **Am J Cardiol** 1985 Apr 1;55(8):1005–8

Prognostic significance of precordial ST–segment depression during inferior acute myocardial infarction. Hlatky MA, et al. **Am J Cardiol** 1985 Feb 1;55(4):325–9

The degree to which myocardial infarct site and size determine the electrocardiographic axis. Analysis of correlative data by computational modeling. Horan LG, et al. **Am J Cardiol** 1985 May 1;55(11):1247–54

ST–segment alternans during percutaneous transluminal coronary angioplasty. Joyal M, et al. **Am J Cardiol** 1984 Oct 1;54(7):915–6

Comparison of exercise electrocardiography and quantitative thallium imaging for one–vessel coronary artery disease. Kaul S, et al. **Am J Cardiol** 1985 Aug 1;56(4):257–61

Correlation of the exercise ST/HR slope with anatomic and radionuclide cineangiographic findings in stable angina pectoris. Kligfield P, et al. **Am J Cardiol** 1985 Sep 1;56(7):418–21

Electrical alternans in wide complex tachycardias. Kremers MS, et al. **Am J Cardiol** 1985 Aug 1;56(4):305–8

Hemodynamic determinants of exercise–induced ST–segment depression in children with valvar aortic stenosis. Kveselis DA, et al. **Am J Cardiol** 1985 Apr 15;55(9):1133–9

Concomitant pulsus and U–wave alternans after head trauma. Lee YC, et al. **Am J Cardiol** 1985 Mar 1;55(6):851–2

Factors that determine the direction and magnitude of precordial ST–segment deviations during inferior wall acute myocardial infarction. Lew AS, et al. **Am J Cardiol** 1985 Apr 1;55(8):883–8

Effect of bradycardia on dispersion of ventricular refractoriness. Luck JC, et al. **Am J Cardiol** 1985 Apr 1;55(8):1009–14

Recurrent ventricular tachycardia associated with QT prolongation after mitral valve replacement and its association with intravenous administration of erythromycin. McComb JM, et al. **Am J Cardiol** 1984 Oct 1;54(7):922–3

Hemodynamic and electrocardiographic effects of fructose–1,6–diphosphate in acute myocardial infarction. Marchionni N, et al. **Am J Cardiol** 1985 Aug 1;56(4):266–9

Diagnostic potential for verapamil in wide QRS complex tachycardia. Morgan DE, et al. **Am J Cardiol** 1985 May 1;55(11):1428–9

Different recovery process of ST depression on postexercise electrocardiograms in women in standing and supine positions. Murayama M, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1474–7

Sensitivity of electrocardiographic criteria for left ventricular hypertrophy according to type of cardiac disease. Murphy ML, et al. **Am J Cardiol** 1985 Feb 15;55(5):545–9

Classification of ventricular arrhythmias based on parallel hierarchies of frequency and form [editorial] Myerburg RJ, et al. **Am J Cardiol** 1984 Dec 1;54(10):1355–8

Septal Q wave in exercise testing: evaluation by single–photon emission computed tomography. Nohara R, et al. **Am J Cardiol** 1985 Apr 1;55(8):905–9

Improved accuracy of the exercise electrocardiogram: identification of three–vessel coronary disease in stable angina pectoris by analysis of peak rate–related changes in ST segments. Okin PM, et al. **Am J Cardiol** 1985 Feb 1;55(4):271–6

QT/QS2 ratio as index of automatic tone [letter] Palatini P. **Am J Cardiol** 1984 Nov 1;54(8):1172

Predictive value of changes in R–wave amplitude after exercise in coronary heart disease. Poyatos ME, et al. **Am J Cardiol** 1984 Dec 1;54(10):1212–5

Analysis of the spontaneous variability of ventricular arrhythmias: consecutive ambulatory electrocardiographic recordings of ventricular tachycardia. Pratt CM, et al. **Am J Cardiol** 1985 Jul 1;56(1):67–72

Electrophysiologic and antiarrhythmic properties of bepridil. Prystowsky EN. **Am J Cardiol** 1985 Mar 15;55(7):59C–62C

Electrocardiogram, clinical findings and chest x–ray in persons aged 85 years or older. Rajala SA, et al. **Am J Cardiol** 1985 Apr 15;55(9):1175–8

Electrocardiographic observations in clinically isolated, pure, chronic, severe aortic regurgitation: analysis of 30 necropsy patients aged 19 to 65 years. Roberts WC, et al. **Am J Cardiol** 1985 Feb 1;55(4):432–8

Exercise–induced intermittent angina and ST–segment depression. Scardi S, et al. **Am J Cardiol** 1985 May 1;55(11):1427–8

Peri–infarction block (1950)–late potentials (1980): their relationship, significance and diagnostic implications. Scherlag BJ, et al. **Am J Cardiol** 1985 Mar 1;55(6):839–41 (41 ref.)

Clinical–electrocardiographic correlates of newly acquired left bundle branch block: the Framingham Study. Schneider JF, et al. **Am J Cardiol** 1985 May 1;55(11):1332–8

Effects of training on systolic time intervals at rest and during isometric exercise in men and women 61 to 64 years old. Seals DR, et al. **Am J Cardiol** 1985 Mar 1;55(6):797–800

Electrical alternans of giant U waves with multiple electrolyte deficits. Shimoni Z, et al. **Am J Cardiol** 1984 Oct 1;54(7):920–1

Sudden death during ambulatory monitoring [letter] Spodick DH. **Am J Cardiol** 1984 Nov 1;54(8):1171

More on Bazett's formula [letter] Spodick DH. **Am J Cardiol** 1985 Feb 15;55(5):619

Significance of early and late anterior precordial ST–segment depression in inferior myocardial infarction. Tendera M, et al. **Am J Cardiol** 1984 Nov 1;54(8):994–6

Cardiovascular responses to early exercise in inferior wall ST acute myocardial infarction. Teo KK, et al. **Am J Cardiol** 1985 May 1;55(11):1277–81

Reciprocal electrocardiographic changes in acute myocardial infarction. Tzivoni D, et al. **Am J Cardiol** 1985 Jul 1;56(1):23–6

Ventricular activation in normal sinus rhythm: abnormalities with recurrent sustained tachycardia and a history of myocardial infarction. Untereker WJ, et al. **Am J Cardiol** 1985 Apr 1;55(8):974–9

Relation of late potentials to site of origin of ventricular tachycardia associated with coronary heart disease. Vassallo JA, et al. **Am J Cardiol** 1985 Apr 1;55(8):985–9

Importance of the terminal portion of the QRS in the electrocardiographic diagnosis of inferior myocardial infarction. Warner RA, et al. **Am J Cardiol** 1985 Apr 1;55(8):896–9

Effects of hyperkalemia on the electrocardiogram of patients receiving digitalis. Weizenberg A, et al. **Am J Cardiol** 1985 Apr 1;55(8):968–73

Development of an endocardial–epicardial gradient of activation rate during electrically induced, sustained ventricular fibrillation in dogs. Worley SJ, et al. **Am J Cardiol** 1985 Mar 1;55(6):813–20

Transient Q waves during exercise in hypertrophic cardiomyopathy. Zalman F, et al. **Am J Cardiol** 1985 Sep 1;56(7):491–2

QTc and R–R intervals in victims of the sudden infant death syndrome. Weinstein SL, et al. **Am J Dis Child** 1985 Oct;139(10):987–90

Clinicopathological study of the heart and coronary arteries of autopsied cases from the community of Hisayama during a 10–year period. Part V. Comparison of autopsy findings with electrocardiograms—Q.QS items of the Minnesota Code. Hiyoshi Y, et al. **Am J Epidemiol** 1985 Jun;121(6):906–13

Clinical significance of 'reciprocal' S–T segment depression in acute myocardial infarction. Relative contributions of infarct size and ischemia at a distance. Dewhurst NG, et al. **Am J Med** 1985 May;78(5):765–70

The electrocardiogram in systemic sclerosis (scleroderma). Study of 102 consecutive cases with functional correlations and review of the literature. Follansbee WP, et al. **Am J Med** 1985 Aug;79(2):183–92

Electrocardiographic finding simulating acute myocardial infarction in a compound metabolic aberration. Khardori R, et al. **Am J Med** 1985 Mar;78(3):529–32

Clinical, electrocardiographic, and ventriculographic consequences of isolated occlusion of the right coronary artery. Selzer A, et al. **Am J Med** 1985 May;78(5):749–53

Q wave, S–T segment, and T wave myocardial infarction. Useful clinical distinction. Zema MJ. **Am J Med** 1985 Mar;78(3):391–8

Serial ECG measurements at controlled plasma levels of nortriptyline in depressed children. Geller B, et al. **Am J Psychiatry** 1985 Sep;142(9):1095–7

Plasma 10–hydroxynortriptyline and ECG changes in elderly depressed patients. Young RC, et al. **Am J Psychiatry** 1985 Jul;142(7):866–8

Electrocardiographic changes during treatment of leishmaniasis with pentavalent antimony (sodium stibogluconate). Chulay JD, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):702–9

ECG–guided placement of sorenson CVP catheters via arm veins. Colley PS, et al. **Anesth Analg** 1984 Oct;63(10):953–6

Subarachnoid hemorrhage and intraoperative electrocardiographic changes simulating myocardial ischemia—anesthesiologist's dilemma. Samra SK, et al. **Anesth Analg** 1985 Jan;64(1):86–9

Coronary artery spasm and ST–segment depression [letter] De Wolf AM, et al. **Anesthesiology** 1985 Mar;62(3):368

Preanesthetic evaluation of a patient with pathologic Q waves following subarachnoid hemorrhage. White JC, et al. **Anesthesiology** 1985 Mar;62(3):351–4

The Osborn wave in hypothermia. Gould L, et al. **Angiology** 1985 Feb;36(2):125–9

Unusual electrocardiographic abnormality in leptospirosis: case reports. Ram P, et al. **Angiology** 1985 Jul;36(7):477–82

Systolic time intervals and the QT–QS2 interval in young female diabetics. Airaksinen J, et al. **Ann Clin Res** 1984;16(4):188–91

Batteries not included [letter] Frank M. **Ann Emerg Med** 1985 May;14(5):485

Factitious arrhythmia [letter] Sturmann K, et al. **Ann Emerg Med** 1985 Aug;14(8):829–30

The yield of the routine admission electrocardiogram. A study in a general medical service. Moorman JR, et al. **Ann Intern Med** 1985 Oct;103(4):590–5

Very–low–calorie diets and electrocardiographic changes [letter] Narasimhan N, et al. **Ann Intern Med** 1985 May;102(5):716

Amplitude of ventricular fibrillation waveform and outcome after cardiac arrest. Weaver WD, et al. **Ann Intern Med** 1985 Jan;102(1):53–5

Computer recognition of cardiac arrhythmias and statistical approaches to arrhythmia analysis. Morganroth J. **Ann NY Acad Sci** 1984;432:117–28

Technological status and problems of ambulatory electrocardiographic monitoring. Winkle RA, et al. **Ann NY Acad Sci** 1984;432:108–16 (9 ref.)

Magnetic resonance (MR) imaging of aorta and pulmonary circulation. Initial experience with ECG–gating. Lallemand D, et al. **Ann Radiol (Paris)** 1985;28(3–4):289–98 **(Eng, Fre)**

ECG in diabetic ketoacidosis. Chava NR. **Arch Intern Med** 1984 Dec;144(12):2379–80

Intermittent left bundle branch block and associated T–wave abnormalities. Michelotti MM, et al. **Arch Intern Med** 1985 Sep;145(9):1667–70

Documented sudden cardiac death in prolonged QT syndrome [letter] Sheehan JP. **Arch Intern Med** 1984 Dec;144(12):2430

Chronic fascicular block [letter] Spodick DH. **Arch Intern Med** 1984 Oct;144(10):2095, 2099

The long Q–T syndrome. Smith W. **Aust NZ J Med** 1984 Oct;14(5):700–4 (51 ref.)

Beneficial effect of coenzyme Q on myocardial slow action potentials in hearts subjected to decreased perfusion pressure–hypoxia–substrate–free perfusion. Azuma J, et al. **Basic Res Cardiol** 1985 Mar–Apr;80(2):147–55

Evidence for Ca–mediated inactivation of ICa in dialysed guinea–pig atrial cardioballs. Bechem M, et al. **Basic Res Cardiol** 1985;80 Suppl 1:101–5

The two components in the shortening of unloaded ventricular myocytes: their voltage dependence. Isenberg G, et al. **Basic Res Cardiol** 1985;80 Suppl 1:117–21

Simultaneous measurements of action potentials and contractions in single cultured adult and embryonic heart muscle cells. Koidl B, et al. **Basic Res Cardiol** 1985;80 Suppl 1:111–5

Cardiac membrane currents and energetic state. Osterrieder W, et al. **Basic Res Cardiol** 1985;80 Suppl 1:107–10

Temperature dependence of verapamil action. Piper HM, et al. **Basic Res Cardiol** 1985;80 Suppl 1:123–7

Electrophysiological properties of isolated ventricular myocytes. Powell T. **Basic Res Cardiol** 1985;80 Suppl 1:87–91

Measurements of single–channel currents in the membrane of isolated cells: ATP–dependence of K+–channels. Trube G. **Basic Res Cardiol** 1985;80 Suppl 1:97–9

The effect of cyanide on the K–current in guinea–pig ventricular myocytes. Van der Heyden G, et al. **Basic Res Cardiol** 1985;80 Suppl 1:93–6

The relative sensitivities of heart rate and T–wave amplitude to stress: comments on, and some alternative interpretations of, Penzien et al.'s results. Furedy JJ, et al. **Biol Psychol** 1984 Aug;19(1):55–61

Electrophysiologic testing in patients with sudden cardiac death. Aranda JM, et al. **Bol Asoc Med PR** 1984 Aug;76(8):339–43

Electrocardiogram of the month. Acute right ventricular infarction. Johnson CD. **Bol Asoc Med PR** 1985 Mar;77(3):109–11

Electrocardiogram of the month. Agonal rhythm. Johnson CD. **Bol Asoc Med PR** 1983 Jul;75(7):324–5

Electrocardiogram of the month. Sick sinus syndrome. Johnson CD. **Bol Asoc Med PR** 1984 Jul;76(7):325–6

Electrocardiogram of the month. Johnson CD. **Bol Asoc Med PR** 1984 Aug;76(8):362–4

Utilization of ambulatory electrocardiographic monitoring and exercise stress testing to assess antiarrhythmic drug efficacy. Graboys TB. **Boll Soc Ital Cardiol** 1983 Sep;28(9):803–10

Predictive value and limitations of the ST/HR slope. Ameisen O, et al. **Br Heart J** 1985 May;53(5):547–51

Implications of precordial ST segment depression during acute inferior myocardial infarction. Arteriographic and ventriculographic correlations during the acute phase. Cohen M, et al. **Br Heart J** 1984 Nov;52(5):497–501

New method for assessing cardiac parasympathetic activity using 24 hour electrocardiograms. Ewing DJ, et al. **Br Heart J** 1984 Oct;52(4):396–402

Limitations of a QRS scoring system to assess left ventricular function and prognosis at hospital discharge after myocardial infarction. Fioretti P, et al. **Br Heart J** 1985 Mar;53(3):248–52

Relation between electrocardiographic repolarisation changes and mechanical events in left ventricular hypertrophy. Moore RB, et al. **Br Heart J** 1984 Nov;52(5):516–23

Morphology of ambulatory ST segment changes in patients with varying severity of coronary artery disease. Investigation of the frequency of nocturnal ischaemia and coronary spasm. Quyyumi AA, et al. **Br Heart J** 1985 Feb;53(2):186–93

Myocardial infarction and thrombolysis. Electrocardiographic short term and long term results using precordial mapping. von Essen R, et al. **Br Heart J** 1985 Jul;54(1):6–10

Correction equation for QT interval [letter] Staniforth DH. **Br J Clin Pharmacol** 1985 Jun;19(6):862

ST waveform changes of the fetal electrocardiogram during labour—a clinical study. Lilja H, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):611–7

Transmission of the maternal electrocardiograph via a fetal scalp electrode in the presence of intrauterine death. Case report. McWhinney NA, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):1046–8

Lessons from ambulatory electrocardiography. Petch MC. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):617–8 (28 ref.)

Acute electrocardiographic changes induced by amsacrine. Shinar E, et al. **Cancer Treat Rep** 1984 Sep;68(9):1169–72

Diastolic time during exercise in normal subjects and in patients with coronary artery disease. A plethysmographic study. Ferro G, et al. **Cardiology** 1984;71(5):266–72

Enzymatically and electrocardiographically estimated infarct size in relation to pain in acute myocardial infarction. Herlitz J, et al. **Cardiology** 1984;71(5):239–46

Comparative evaluation of exercise ST response in healthy males and females. A computer study. Manca C, et al. **Cardiology** 1984;71(6):341–7

Usefulness of stress testing for the evaluation of hypertensive heart disease in young hypertensive subjects. Wu SC, et al. **Cardiology** 1984;71(5):277–83

Postextrasystolic T wave changes in normal canine hearts. Yoon MS, et al. **Cardiovasc Res** 1984 Nov;18(11):711–3

Electrocardiographic ST–T wave patterns, extent of coronary artery disease, and left ventricular performance following non–Q–wave myocardial infarction. Gash AK, et al. **Cathet Cardiovasc Diagn** 1985;11(3):223–33

A simplified QRS scoring system for the estimation of the severity of acute inferior wall myocardial infarction. Arditti A, et al. **Chest** 1985 Jun;87(6):778–84

Dextrocardia with myocardial infarction. Dubb A, et al. **Chest** 1985 Jul;88(1):119–20

Electrocardiographic and vectorcardiographic diagnosis of posterior wall myocardial infarction. Significance of the T wave. Eisenstein I, et al. **Chest** 1985 Sep;88(3):409–16

Unusual QRS morphology associated with transvenous pacemakers. The pseudo RBBB pattern. Klein HO, et al. **Chest** 1985 Apr;87(4):517–21

Sinoatrial block with complicating sinoatrial reciprocation. Oreto G, et al. **Chest** 1985 May;87(5):689–91

Giant pacemaker spikes. An electrocardiographic artifact. Peters RW, et al. **Chest** 1985 Feb;87(2):256–7

ECG changes in global LV ischemia simulating wide complex tachycardia. Quinn TJ, et al. **Chest** 1984 Nov;86(5):781–2

Comparative predictive value of ST–segment depression or angina during early and repeat postinfarction exercise tests. Starling MR, et al. **Chest** 1984 Dec;86(6):845–9

Termination of spontaneous tachycardia in a patient with WPW syndrome [letter] Strasberg B, et al. **Chest** 1985 Apr;87(4):556

Comments on 'Maximal upstroke velocity as an index of available sodium conductance: comparison of maximal upstroke velocity and voltage clamp measurements of sodium current in rabbit Purkinje fibers' [letter] **Circ Res** 1985 Jul;57(1):192–8

Rate–related suppression and facilitation of conduction in isolated canine cardiac Purkinje fibers. Gilmour RF Jr, et al. **Circ Res** 1985 Jul;57(1):35–45

Transient outward current carried by potassium and sodium in quiescent atrioventricular node cells of rabbits. Nakayama T, et al. **Circ Res** 1985 Jul;57(1):65–73

Differences in the determinants of overdrive suppression between sinus rhythm and slow atrioventricular junctional rhythm. Neely BH, et al. **Circ Res** 1985 Jul;57(1):182–91

Delayed afterdepolarizations and triggered activity in ventricular muscle from rats with streptozotocin–induced diabetes. Nordin C, et al. **Circ Res** 1985 Jul;57(1):28–34

Mechanisms of supersensitivity to sympathomimetic amines in the chronically denervated heart of the conscious dog. Vatner DE, et al. **Circ Res** 1985 Jul;57(1):55–64

Ventricular action potentials, ventricular extracellular potentials, and the ECG of guinea pig. Watanabe T, et al. **Circ Res** 1985 Sep;57(3):362–73

The effect of antihypertensive drug treatment on mortality in the presence of resting electrocardiographic abnormalities at baseline: the HDFP experience. The Hypertension Detection and Follow–up Program Cooperative Research Group. **Circulation** 1984 Dec;70(6):996–1003

The QRS complex during transient myocardial ischemia: studies in patients with variant angina pectoris and in a canine preparation. Barnhill JE, et al. **Circulation** 1985 May;71(5):901–11

Electrophysiologic testing in patients with the long QT syndrome. Bhandari AK, et al. **Circulation** 1985 Jan;71(1):63–71

Change in ventricular cavity size: differential effects on QRS and T wave amplitude. Feldman T, et al. **Circulation** 1985 Sep;72(3):495–501

Detection and characterization of acute myocardial infarction in man with use of gated magnetic resonance. McNamara MT, et al. **Circulation** 1985 Apr;71(4):717–24

Prognosis after extension of myocardial infarct: the role of Q wave or non–Q wave infarction. Maisel AS, et al. **Circulation** 1985 Feb;71(2):211–7

Effects of the site and timing of atrioventricular nodal input on atrioventricular conduction in the isolated perfused rabbit heart. Mazgalev T, et al. **Circulation** 1984 Oct;70(4):748–59

Noninvasive pulsed Doppler echocardiographic detection of the direction of shunt flow in patients with atrial septal defect: usefulness of the right parasternal approach. Minagoe S, et al. **Circulation** 1985 Apr;71(4):745–53

Electrocardiographic effects of experimental nontransmural myocardial infarction. Mirvis DM, et al. **Circulation** 1985 Jun;71(6):1206–14

The long QT syndrome: a prospective international study. Moss AJ, et al. **Circulation** 1985 Jan;71(1):17–21

The 'straight back' syndrome: current perspective more often associated with valvular heart disease than pseudoheart disease: a prospective clinical, electrocardiographic, roentgenographic, and echocardiographic study of 50 patients. Ansari A. **Clin Cardiol** 1985 May;8(5):290–305

Value of exercise electrocardiography to predict additional jeopardized myocardial regions remote from site of previous myocardial infarction. Bamrah VS, et al. **Clin Cardiol** 1985 Jul;8(7):391–8

Chest pain and electrocardiographic ST–segment elevation occurring in the recovery phase after exercise in a patient with normal coronary arteries. Caplin JL, et al. **Clin Cardiol** 1985 Apr;8(4):228–9

Mechanism underlying the absence of ischemic changes on the exercise electrocardiogram in patients with abnormal exercise thallium–201 imaging and coronary artery disease. Coplan NL, et al. **Clin Cardiol** 1985 Jul;8(7):399–405

Significance of the Q wave in acute myocardial infarction. Goldberg RK, et al. **Clin Cardiol** 1985 Jan;8(1):40–6

The relationship between the electrocardiographically estimated infarct size and 1– and 2–year survival in acute myocardial infarction. Herlitz J, et al. **Clin Cardiol** 1985 Mar;8(3):141–7

Relationship between electrocardiographically estimated infarct size and clinical findings in anterior myocardial infarction. Herlitz J, et al. **Clin Cardiol** 1984 Apr;7(4):217–27

Sudden cardiac death recorded during ambulatory electrocardiographic monitoring. Hohnloser S, et al. **Clin Cardiol** 1984 Oct;7(10):517–23

Values of electrocardiography and two–dimensional echocardiography to identify myocardial infarction due to left circumflex and right coronary artery disease. Ogawa S, et al. **Clin Cardiol** 1985 May;8(5):269–75

Mitral valve prolapse in the ventriculogram: scintigraphic, electrocardiographic, and hemodynamic abnormalities. Tebbe U, et al. **Clin Cardiol** 1985 Jun;8(6):341–7

Significance of ST–segment depression in inferior leads in patients with acute anterior infarction. Haraphongse M, et al. **Clin Invest Med** 1984;7(3):143–8

Cross–correlation technique for arrhythmia detection using PR and PP intervals. Govrin O, et al. **Comput Biomed Res** 1985 Feb;18(1):37–45

Estimation and removal of baseline drift in the electrocardiogram. McManus CD, et al. **Comput Biomed Res** 1985 Feb;18(1):1–9

Virtual leads for the ambulatory ECG monitoring: remarks on the persistency of their direction. Pellegrini A, et al. **Comput Biomed Res** 1985 Feb;18(1):62–78

Continuous automatic monitoring of ECG and blood pressure in hemodialysis patients. Iacovoni P, et al. **Contrib Nephrol** 1984;41:454–6

Intrahisian block in cardiomyopathy. Rakovec P, et al. **Cor Vasa** 1984;26(6):438–44

The effect of adenosine on impulse formation and propagation in the heart. Electrophysiologic studies and clinical implications. Solti F, et al. **Cor Vasa** 1984;26(4):296–303

Pacemaker automatism activity in atrioventricular valves and its possible role in producing cardiac arrhythmias. Ulyaninsky LS, et al. **Cor Vasa** 1984;26(6):445–55

Electrocardiography in different types of hypertrophic cardiomyopathies. Gregor P, et al. **Czech Med** 1985;8(2):84–97

T wave inversion and ST segment depression in normally conducted beats in patients treated with ventricular demand pacing. Simonsen E. **Dan Med Bull** 1985 May;32(2):123–6

R–R interval studies: a simple office protocol for evaluation of autonomic neuropathy [letter] Bernstein RK. **Diabetes Care** 1984 Sep–Oct;7(5):510–3

Hyperinsulinaemia is associated with development of electrocardiographic abnormalities in diabetics. Hillson RM, et al. **Diabetes Res** 1984 Sep;1(3):143–9

Electrocardiographic abnormalities in apparently healthy men and the risk of sudden death. Rabkin SW. **Drugs** 1984 Oct;28 Suppl 1:28–45

Electrocardiographic changes following electroconvulsive therapy. Kitamura T, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(3):147–8

Automatic analysis of ambulatory ECG records. Campbell RW, et al. **Eur Heart J** 1984 Sep;5 Suppl B:31–4

The QRS morphology in post–myocardial infarction ventricular tachycardia. A study of 100 tracings compared with 70 cases of idiopathic ventricular tachycardia. Coumel P, et al. **Eur Heart J** 1984 Oct;5(10):792–805

Electrophysiologic and histopathologic correlations in a case of permanent form of reciprocating tachycardia. Critelli G, et al. **Eur Heart J** 1985 Feb;6(2):130–7

Intraindividual comparison of intravenous ajmaline and quinidine in patients with sustained ventricular tachycardia: effects on normal myocardium and on arrhythmia characteristics. Lengfelder W, et al. **Eur Heart J** 1985 Apr;6(4):312–22

Long–term ambulatory ECG–monitoring in the prediction of sudden coronary death. Lichtlen PR, et al. **Eur Heart J** 1984 Sep;5 Suppl B:25–30

Contribution of electrocardiograms, serum enzymes and history of chest pain to the diagnosis of acute myocardial infarction—a community–based register study in North Karelia, Finland, 1972–1981. Mustaniemi H, et al. **Eur Heart J** 1985 Jan;6(1):21–8

ECG findings and survival in very old people. Rajala S, et al. **Eur Heart J** 1985 Mar;6(3):247–52

Premature ventricular beats in healthy adult subjects 20 to 79 years of age. Rasmussen V, et al. **Eur Heart J** 1985 Apr;6(4):335–41

Role of verapamil in junctional rhythm [letter] Santinelli V, et al. **Eur Heart J** 1985 Apr;6(4):371

Autonomic blockade and sick sinus syndrome. New concept in the interpretation of electrophysiological and Holter data. Szatmáry LJ. **Eur Heart J** 1984 Aug;5(8):637–48

The ECG changes due to altitude and to catecholamines. Saurenmann P, et al. **Eur J Applied Physiol** 1984;53(1):35–42

Effects of auditory stimulus timing in the respiratory cycle on the evoked cardiac response in man at rest. Warzel H, et al. **Eur J Applied Physiol** 1984;53(2):144–8

Electrocardiographic effects of probucol. A controlled prospective clinical trial. Dujovne CA, et al. **Eur J Clin Pharmacol** 1984;26(6):735–9

Diagnosis of ventricular tachyarrhythmias by ambulatory electrocardiographic monitoring. Correlation with his bundle electrography. Abdon NJ, et al. **G Ital Cardiol** 1984 Oct;14(10):774–8

Slight middle slurring in V1–V2 without bundle branch block. An electrocardiographic and follow–up study. Paparella N, et al. **G Ital Cardiol** 1984 Sep;14(9):637–43

Supraventricular tachycardia. Greenspan AM. **Geriatrics** 1985 May;40(5):95–7, 101–2

The ventricular premature complex. Morganroth J. **Geriatrics** 1984 Oct;39(10):109–12

Interpreting an ECG. Atrial premature complex. Rae AP. **Geriatrics** 1984 Dec;39(12):43–5, 43, 50

Bradyarrhythmias: sinus node dysfunction. Sokoloff NM. **Geriatrics** 1984 Nov;39(11):105–9

Pacemakers: normal function. Spielman SR. **Geriatrics** 1985 Jun;40(6):65–8, 71

Concealed atrioventricular conduction. Conner RP. **Heart Lung** 1985 Mar;14(2):112–7

Potassium imbalance in the coronary care unit. Huerta BJ, et al. **Heart Lung** 1985 Mar;14(2):193–5

The hyperacute phase of right ventricular infarction. Lewis BS, et al. **Heart Lung** 1984 Nov;13(6):682–4

Complex trigeminy. Nikolic G. **Heart Lung** 1984 Nov;13(6):685–6

Pacemaker update 1984. Part IV. DDD pacemaker—electrocardiographic assessment and problem solving. Parker MM, et al. **Heart Lung** 1984 Nov;13(6):687–90

Aberrant ventricular conduction during atrial fibrillation. Quaal S, et al. **Heart Lung** 1985 Jan;14(1):101

A study of ventricular ectopy during atrial fibrillation. Rapeport N, et al. **Heart Lung** 1985 Mar;14(2):191–2

An unusual murmur in an adolescent. Greenwood RD. **Hosp Pract [Off]** 1985 Jun 15;20(6):27, 30

Chest pain during cancer chemotherapy. Hancock EW. **Hosp Pract [Off]** 1985 Jul 15;20(7):93, 96–7

What kind of AV block? Hancock EW. **Hosp Pract [Off]** 1985 Sep 15;20(9):55, 59

Ventricular or supraventricular tachycardia? Hancock EW. **Hosp Pract [Off]** 1984 Oct;19(10):91, 94

An atypical supraventricular tachycardia. Hancock EW. **Hosp Pract [Off]** 1984 Nov;19(11):81–8

ST–segment elevation in a preoperative ECG. Hancock EW. **Hosp Pract [Off]** 1984 Dec;19(12):35, 38

Irregular tachycardia with wide complexes. Hancock EW. **Hosp Pract [Off]** 1985 Feb 15;20(2):49, 52–3

Prolonged Q–T syndrome [letter] Yatsushiro G. **Hosp Pract [Off]** 1984 Nov;19(11):22

SAPA–2 is the Fan. Barr RC, et al. **IEEE Trans Biomed Eng** 1985 May;32(5):337

Use of time integrals of the ECG to solve the inverse problem. Geselowitz DB. **IEEE Trans Biomed Eng** 1985 Jan;32(1):73–5

Moving dipole inverse ECG and EEG solutions. Gulrajani RM, et al. **IEEE Trans Biomed Eng** 1984 Dec;31(12):903–10 (56 ref.)

EKG of the month: Atrial fibrillation. **IMJ** 1984 Sep;166(3):146, 180

The long QT syndrome. Syncope versus seizure. Mongkolsmai C. **IMJ** 1985 Jun;167(6):451–3

Electrocardiographic changes in multi bacillary leprosy. Agarwal S, et al. **Ind J Lepr** 1984 Jul–Sep;56(3):569–74

Right ventricular infarction in acute inferior wall infarction. Importance of right precordial electrocardiography. Garg KC, et al. **Indian Heart J** 1984 Jul–Aug;36(4):202–5

Hyperkalaemia induced pacemaker exit block. Sathyamurthy I, et al. **Indian Heart J** 1984 May–Jun;36(3):176–7

Right ventricular anomalous muscle bundle: clinical, electrocardiographic, haemodynamic and angiocardiographic features. Sathyamurthy I, et al. **Indian Heart J** 1984 Jul–Aug;36(4):206–10

Teletransmission of electrocardiographic waveforms: an indigenous and low priced technique. Shanker A, et al. **Indian Heart J** 1982 Nov–Dec;34(6):408–11

The effect of postural circulatory stress on diastolic time intervals. Singh PI, et al. **Indian Heart J** 1985 Jan–Feb;37(1):27–31

His bundle electrocardiography (HBE) and spatial vectorcardiography in left bundle branch block. Talwar KK, et al. **Indian Heart J** 1984 Jul–Aug;36(4):245–9

Juvenile T waves (a study of 100 normal subjects). Das BB, et al. **Indian J Physiol Pharmacol** 1984 Oct–Dec;28(4):291–8

Electro–cardiographic and serum electrolyte changes during menstrual cycle [letter] Datta S, et al. **Indian J Physiol Pharmacol** 1984 Apr–Jun;28(2):167–9

The effects of acute oesophageal distension on arterial blood pressure, E.C.G. and respiration in dog. Satpathy NK, et

al. **Indian J Physiol Pharmacol** 1984 Apr–Jun;28(2):105–14
Effects of intravenous garlic juice Allium sativum on rat electrocardiogram. Tongia SK. **Indian J Physiol Pharmacol** 1984 Jul–Sep;28(3):250–2
AR identification and spectral estimate applied to the R–R interval measurements. Bartoli F, et al. **Int J Biomed Comput** 1985 May;16(3–4):201–15
A method for evaluating different modes of action of an antiarrhythmic drug in man. The effects of propafenone on sinus nodal functions. Alboni P, et al. **Int J Cardiol** 1985 Mar;7(3):255–65
Effects of bepridil on the resting electrocardiogram. Hill JA, et al. **Int J Cardiol** 1984 Sep;6(3):319–23
Torsades de pointes: twisting of the points or confusion of the points? Horowitz LN. **Int J Cardiol** 1985 Apr; 7(4):427–30
Cardiac damage after blunt chest trauma, diagnosed using CK-MB enzyme and electrocardiogram. Kettunen P. **Int J Cardiol** 1984 Sep;6(3):355–74
Torsades de pointes. A clearly defined syndrome or an electrocardiographic curiosity? Lévy S. **Int J Cardiol** 1985 Apr;7(4):421–7
The mechanisms of ventricular tachycardia in humans determined by intraoperative recording of the electrical activation sequence. Mason JW, et al. **Int J Cardiol** 1985 Jun;8(2):163–75
Effects of pharmacologic autonomic blockade on atrial electrophysiologic properties in normal subjects and in patients with sinus node disease. Michelucci A, et al. **Int J Cardiol** 1985 Aug;8(4):437–49
Ectopic atrial rhythm with progressively increasing exit block. Mittal SR, et al. **Int J Cardiol** 1985 May;8(1):92–4
Fatigue phenomenon of the accessory pathway. Ohe T, et al. **Int J Cardiol** 1985 Jun;8(2):211–4
Anterograde sinuatrial conduction evaluated by sinus node electrogram in atropine blocked retrograde atrial conduction. Padeletti L, et al. **Int J Cardiol** 1985 Mar; 7(3):295–8
Signal averaged electrocardiography in infants and children with congenital heart disease. Ward DE, et al. **Int J Cardiol** 1984 Dec;6(6):699–706
Prenalterol as a diagnostic test in patients with pseudoischaemic T waves. Capucci A, et al. **Int J Clin Pharmacol Res** 1984;4(3):185–94
The electrocardiogram during emotional and physical stress. Hijzen TH, et al. **Int J Psychophysiol** 1985 Apr;2(4):273–9
Exercise electrocardiography using rowing ergometry suitable for leg amputees. van Alsté JA, et al. **Int Rehabil Med** 1985;7(1):1–5
The beneficial effects of short pulse width acquisition and ECG-gating in digital angiocardiography. Bogren HG, et al. **Invest Radiol** 1984 Jul–Aug;19(4):284–90
A phantom for testing ECG–gated computed tomography of the heart. Godwin JD, et al. **Invest Radiol** 1984 Jul–Aug; 19(4):279–83
Relationships between the electrocardiogram and phonocardiogram: potential for improved heart monitoring. Stodieck LS, et al. **ISA Trans** 1984;23(4):59–65
Prominent right precordial R waves and myocardial infarction [letter] **J Am Coll Cardiol** 1985 Feb;5(2 Pt 1):383
Errors in the visual determination of corrected QT (QTc) interval during acute myocardial infarction. Ahnve S. **J Am Coll Cardiol** 1985 Mar;5(3):699–702
Can Holter monitor findings predict the results of electrophysiologic studies? [editorial] Anderson GJ. **J Am Coll Cardiol** 1985 May;5(5):1094
Ambulatory electrocardiographic monitoring: can we predict sudden death? Armstrong WF, et al. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):13B–16B (34 ref.)
Value of lead V4R in exercise testing to predict proximal stenosis of the right coronary artery. Braat SH, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1308–11
Right and left ventricular ejection fraction in acute inferior wall infarction with or without ST segment elevation in lead V4R. Braat SH, et al. **J Am Coll Cardiol** 1984 Nov; 4(5):940–4
Interaction of 'supplementary' scintigraphic indicators of ischemia and stress electrocardiography in the diagnosis of multivessel coronary disease. Canhasi B, et al. **J Am Coll Cardiol** 1985 Sep;6(3):581–8
Electrocardiographic detection of left ventricular hypertrophy: development and prospective validation of improved criteria. Casale PN, et al. **J Am Coll Cardiol** 1985 Sep;6(3):572–80
Role of the electrocardiogram in identifying the patient at increased risk for sudden death. Fisch C. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):6B–8B (12 ref.)
Electromechanical dissociation and its possible role in sudden cardiac death. Fozzard HA. **J Am Coll Cardiol** 1985 Jun; 5(6 Suppl):31B–34B (19 ref.)
Endless loop tachycardia started by an atrial premature complex in a patient with a dual chamber pacemaker. Frumin H, et al. **J Am Coll Cardiol** 1985 Mar;5(3):707–10
Serial analysis of electrically induced ventricular arrhythmias in a canine model of myocardial infarction. Garan H, et al. **J Am Coll Cardiol** 1985 May;5(5):1095–106
Ambulatory electrocardiographic correlates of ventricular inducibility during programmed electrical stimulation. Gradman AH, et al. **J Am Coll Cardiol** 1985 May; 5(5):1087–93
Sequence of mechanical, electrocardiographic and clinical effects of repeated coronary artery occlusion in human beings: echocardiographic observations during coronary angioplasty. Hauser AM, et al. **J Am Coll Cardiol** 1985 Feb;5(2 Pt 1):193–7
Discordance between ambulatory monitoring and programmed stimulation in assessing efficacy of class IA antiarrhythmic agents in patients with ventricular tachycardia. Kim SG, et al. **J Am Coll Cardiol** 1985 Sep; 6(3):539–44
Effects of experimental myocardial infarction on the ST segment response to tachycardia. Mirvis DM, et al. **J Am Coll Cardiol** 1985 Sep;6(3):665–73
Spatial variation of QT intervals in normal persons and patients with acute myocardial infarction. Mirvis DM. **J Am Coll Cardiol** 1985 Mar;5(3):625–31
Electrocardiographic changes of acute lateral wall myocardial infarction: a reappraisal based on scintigraphic localization of the infarct. Movahed A, et al. **J Am Coll Cardiol** 1984 Oct;4(4):660–6
Spatial R wave amplitude changes during exercise: relation with left ventricular ischemia and function. Myers J, et al. **J Am Coll Cardiol** 1985 Sep;6(3):603–8
Behavior of the terminal T wave during exercise in normal subjects, patients with symptomatic coronary artery disease and apparently healthy subjects with abnormal ST segment depression. O'Donnell J, et al. **J Am Coll Cardiol** 1985 Jan; 5(1):78–84
Precordial ST segment deviations during acute myocardial infarction [letter] Pariser RH. **J Am Coll Cardiol** 1985 Jul; 6(1):260–1
Transmural versus Q wave infarction [letter] Phibbs B. **J Am Coll Cardiol** 1984 Dec;4(6):1332
Surgical repair of uncomplicated atrial septal defect without 'routine' preoperative cardiac catheterization. Shub C, et al. **J Am Coll Cardiol** 1985 Jul;6(1):49–54
Mechanism of alternating bundle branch aberrancy with atrial bigeminy: electrocardiographic–electrophysiologic correlates. Stark S, et al. **J Am Coll Cardiol** 1985 Jun; 5(6):1491–5
Amiodarone in the treatment of life–threatening ventricular tachycardia: role of Holter monitoring in predicting long–term clinical efficacy. Veltri EP, et al. **J Am Coll Cardiol** 1985 Oct;6(4):806–13
Activation mapping in patients with coronary artery disease with multiple ventricular tachycardia configurations: occurrence and therapeutic implications of widely separate apparent sites of origin. Waspe LE, et al. **J Am Coll Cardiol** 1985 May;5(5):1075–86
Criteria for intraventricular conduction disturbances and pre–excitation. World Health Organizational/International Society and Federation for Cardiology Task Force Ad Hoc. Willems JL, et al. **J Am Coll Cardiol** 1985 Jun; 5(6):1261–75
Electrocardiographic changes in Vibrio parahaemolyticus infection. Bhattacharya SK, et al. **J Assoc Physicians India** 1984 Jul;32(7):607–8
Electrocardiographic changes in acute severe asthma. Gupta SC, et al. **J Assoc Physicians India** 1984 Jul;32(7):575–8
T wave inversion during emetine therapy. Mittal SR, et al. **J Assoc Physicians India** 1984 Oct;32(10):880–2
Electrocardiographic changes in leprosy [letter] Shanker A, et al. **J Assoc Physicians India** 1985 Feb;33(2):184
The long Q–T interval syndrome. Turakhia DP, et al. **J Assoc Physicians India** 1984 Oct;32(10):909–10
Behaviorally conditioned changes in atrio–ventricular transmission in awake dog. Skinner TL, et al. **J Auton Nerv Syst** 1985 Jan;12(1):23–34
Digital sampling rate and ECG analysis. Pizzuti GP, et al. **J Biomed Eng** 1985 Jul;7(3):247–50
Can cardiac death be predicted from an ambulatory 24–hour ECG? Velema JP, et al. **J Chronic Dis** 1985;38(3):233–9
Effect of fluoxetine on the electrocardiogram. Fisch C. **J Clin Psychiatry** 1985 Mar;46(3 Pt 2):42–4
Psychotropic drugs and long QT syndromes: case reports. Flugelman MY, et al. **J Clin Psychiatry** 1985 Jul; 46(7):290–1
Fluctuations in T–wave morphology and susceptibility to ventricular fibrillation. Adam DR, et al. **J Electrocardiol** 1984 Jul;17(3):209–18
Intracardiac electrography in patients before and after surgical repair of secundum atrial septal defect. Bagger JP, et al. **J Electrocardiol** 1984 Oct;17(4):347–52
Comparative accuracy of computerized spatial vectorcardiography and standard electrocardiography for detection of myocardial infarction. Cowan MJ, et al. **J Electrocardiol** 1985 Apr;18(2):111–22
The International Congress on Electrocardiography: a brief history [editorial] Dolabjian ZL. **J Electrocardiol** 1984 Jul; 17(3):307–8
Exercise induced 'Mobitz type II' second degree AV block in a patient with chronic bifascicular block (right bundle branch block and left anterior hemiblock). Freeman G, et al. **J Electrocardiol** 1984 Oct;17(4):409–12
Evaluation of transthoracic countershock with initial energy levels up to 200 J in a coronary care unit. Geuze RH, et al. **J Electrocardiol** 1985 Jul;18(3):251–8
Effects of the ventricular premature beat on the alternation of the repolarization phase in ischemic myocardium during acute coronary occlusion in dogs. Hashimoto H, et al. **J Electrocardiol** 1984 Jul;17(3):229–38
Relationship between electrocardiographically and enzymatically estimated size in anterior myocardial infarction. Herlitz J, et al. **J Electrocardiol** 1984 Oct; 17(4):361–70
P–wave changes in obstructive and restrictive lung diseases. Ikeda K, et al. **J Electrocardiol** 1985 Jul;18(3):233–8
Ventricular fibrillation: the importance of being coarse? Jones DL, et al. **J Electrocardiol** 1984 Oct;17(4):393–9
Relation between QT interval and heart rate. applications and limitations of Bazett's formula. Kawataki M, et al. **J Electrocardiol** 1984 Cct;17(4):371–5
The spectrum of right bundle branch block as manifested in electrocardiographic body surface potential maps. Liebman J, et al. **J Electrocardiol** 1984 Oct;17(4):329–46
Effect of perfusion rate of cholinergic agonist on sinus node automaticity. Loeb JM, et al. **J Electrocardiol** 1985 Jul; 18(3):287–94
Effects of tachycardia with normal and ectopic ventricular activation on S–T segment potential and patterns in the dog. Mirvis DM, et al. **J Electrocardiol** 1985 Jul; 18(3):223–31
Frequency content of the electrocardiogram. Spatial features and effects of myocardial infarction. Nichols TL, et al. **J Electrocardiol** 1985 Apr;18(2):185–93
The electrocardiogram in patients with acute myocardial infarctions treated with intracoronary Streptokinase infusion. Niggemann B, et al. **J Electrocardiol** 1984 Jul; 17(3):263–9
Asynchronous intraventricular recovery as a basis for apparent 'supernormality'. Oreto G, et al. **J Electrocardiol** 1985 Apr;18(2):195–202
The timing of ventricular premature complexes initiating chronic ventricular tachycardia. Qi WH, et al. **J Electrocardiol** 1984 Oct;17(4):377–84
Racial variations in electrocardiograms and vectorcardiograms between black and white children and their genesis. Rao PS, et al. **J Electrocardiol** 1984 Jul; 17(3):239–52
Sinus node echoes and concealed concealed conduction: additional sinus node phenomena confirmed in man by direct sinus node electrography. Reiffel JA, et al. **J Electrocardiol** 1985 Jul;18(3):259–66
Electrocardiographic estimate of peak systolic pressure gradient in children with aortic stenosis. Shaffer MS, et al. **J Electrocardiol** 1985 Jul;18(3):203–10
Significance of ST–segment and T wave changes in the resting electrocardiograms of patients with exertional angina, studied by exercise radionuclide angiocardiograms. Sugishita Y, et al. **J Electrocardiol** 1985 Apr;18(2):175–84
Co–existing tachycardia and bradycardia dependent incomplete and complete right bundle branch block: evidence for diffuse conduction system involvement. Tajima T, et al. **J Electrocardiol** 1984 Jul;17(3):303–6
Atrioventricular nodal reentry in the Wolff–Parkinson–White syndrome. Yee R, et al. **J Electrocardiol** 1985 Jul; 18(3):295–7
Conversion of atrial fibrillation to normal sinus rhythm during hyperkalemia. Rothschild AH, et al. **J Ky Med Assoc** 1985 Jun;83(6):295–8
Copy cats. Martinez–Lopez JI. **J La State Med Soc** 1984 Dec;136(12):8, 11–2
Mains interference in ECG recording. Marshall I, et al. **J Med Eng Technol** 1984 Jul–Aug;8(4):177–80
Heart rate variability and electrocardiogram changes in the fetal lamb during hypoxia and beta–adrenoceptor stimulation. Lilja H, et al. **J Perinat Med** 1984;12(3):115–25
EKG of the month. Ventricular pacemaker functioning normally with ectopic electrode position. Campbell WB. **J Tenn Med Assoc** 1984 Sep;77(9):538–9
EKG of the month. Anteroseptal myocardial infarction. Campbell WB. **J Tenn Med Assoc** 1984 Dec;77(12):718–20
EKG of the month. Heart block. Campbell WB. **J Tenn Med Assoc** 1984 Nov;77(11):664–5
Experimental foundation of the Gabor–Nelson theory applied to boundaries which are non–insulating. Troquet J, et al. **J Theor Biol** 1985 Jun 7;114(3):399–411
Sudden death in measles and its relationship to serum enzyme and electrocardiographic changes. Wooldridge MA. **J Trop Pediatr** 1985 Jun;31(3):160–2
The effects of electroconvulsive therapy on serial electrocardiograms and serum cardiac enzyme values. A prospective study of depressed hospitalized inpatients. Dec GW Jr, et al. **JAMA** 1985 May 3;253(17):2525–9
Management of the asymptomatic patient with an abnormal exercise electrocardiogram [letter] Lewis SW. **JAMA** 1985 Mar 15;253(11):1558–9
E.C.G. quiz. Kundi A, et al. **JPMA** 1984 Jul;34(7):224–5
Cafe coronary. Raza M, et al. **JPMA** 1984 Oct;34(10):320–1
A long–term follow–up study of acute myocarditis an electrocardiographic and echocardiographic study. Hayakawa M, et al. **Jpn Circ J** 1984 Dec;48(12):1362–7
Clinical characteristics of coronary artery spasm: electrocardiographic, hemodynamic and arteriographic assessment. Haze K, et al. **Jpn Circ J** 1985 Jan;49(1):82–93
Comparison of coronary hemodynamic and cardiac metabolic alterations during coronary artery spasm associated with ST segment elevation or depression. Kodama K, et al. **Jpn Circ J** 1985 Apr;49(4):422–31
Recurrent ectopic junctional tachycardia in Ebstein's anomaly. Case report of a 67–year–old man. Matsuyama K, et al. **Jpn Circ J** 1985 Apr;49(4):456–61
A possible role of hypokalemia in the manifestation of high QRS voltage and sinus bradycardia in patients with primary aldosteronism. Muratani H, et al. **Jpn Circ J** 1984 Sep; 48(9):994–9

Alterations in myocardial perfusion during painless ST-segment depression in patients with angina pectoris. Ando J, et al. **Jpn Heart J** 1985 Mar;26(2):179-89

Quantitative and qualitative analysis of the relationship between exercise-induced R wave amplitude changes and severity of coronary artery disease. de Caprio L, et al. **Jpn Heart J** 1984 Nov;25(6):923-35

The giant R wave of acute myocardial infarction. Faillace RT, et al. **Jpn Heart J** 1985 Mar;26(2):165-78

Morphology of ectopic ventricular beats and their relationship to ventricular tachycardia in acute myocardial ischemia. Fujino K, et al. **Jpn Heart J** 1985 Jan;26(1):11-22

Considerations on the nature of irregularity of the sequence of RR intervals and the function of the atrioventricular node in atrial fibrillation in man based on time series analysis. Hashida E, et al. **Jpn Heart J** 1984 Sep;25(5):669-87

Clinical significance of myocardial squeezing of the coronary artery. Hashimoto A, et al. **Jpn Heart J** 1984 Nov;25(6):913-22

Electrocardiographic study of chronic pulmonary emphysema by means of body surface mapping. Ikeda K, et al. **Jpn Heart J** 1984 Sep;25(5):689-700

Attenuation of exercise-induced R wave increase after diltiazem in effort angina pectoris. Kubota I, et al. **Jpn Heart J** 1984 Nov;25(6):937-45

Echocardiographic and Holter findings in 321 uremic patients on maintenance hemodialysis. Niwa A, et al. **Jpn Heart J** 1985 May;26(3):403-11

Ambulatory electrocardiograms obtained by Holter monitoring system in patients with permanent demand pacemakers. Oka Y, et al. **Jpn Heart J** 1985 Jan;26(1):23-32

Sudden cardiac death during ambulatory Holter monitoring. Report on 3 documented cases. Rettig G, et al. **Jpn Heart J** 1984 Jul;25(4):639-49

Dipolarity and dipole location during QRS and T waves in normal men estimated from body surface potential distribution. Tsunakawa H, et al. **Jpn Heart J** 1985 May;26(3):319-34

An adult case of arrhythmogenic right ventricular dysplasia. Yasuda M, et al. **Jpn Heart J** 1985 Jan;26(1):127-32

Nutrition and the QT interval [editorial] **Lancet** 1985 Jun 22;1(8443):1431

Misdiagnosis of chronic recurrent ventricular tachycardia. Dancy M, et al. **Lancet** 1985 Aug 10;2(8450):320-3

A microprocessor-electrocardiograph. Dotsinsky IA, et al. **Med Biol Eng Comput** 1985 May;23(3):209-12

Beat-to-beat interval measurement in the electrocardiogram. Koeleman AS, et al. **Med Biol Eng Comput** 1985 May;23(3):213-9

Arrhythmias in pediatric patients. Garson A Jr. **Med Clin North Am** 1984 Sep;68(5):1171-210

Ventricular tachyarrhythmias in the long QT syndromes. Jackman WM, et al. **Med Clin North Am** 1984 Sep;68(5):1079-109 (229 ref.)

Evaluation of the patient with wide QRS tachycardia. Miles WM, et al. **Med Clin North Am** 1984 Sep;68(5):1015-38

Arrhythmias in pacing. Perrins EJ, et al. **Med Clin North Am** 1984 Sep;68(5):1111-38

Precise reproduction of electrocardiograms by spline interpolation. Bessette F, et al. **Med Inf (Lond)** 1985 Jul-Sep;10(3):215-21

Computerized system for isochronic epicardial mapping. Krassowska W, et al. **Med Inf (Lond)** 1985 Jul-Sep;10(3):237-47

Use of quantitative ECG analysis for early detection and prediction of coronary heart disease. Michaelis J. **Med Inf (Lond)** 1985 Jul-Sep;10(3):207-14

Electrocardiographic alteration induced by accidental hypothermia. Zeană C, et al. **Med Interne** 1984 Oct-Dec;22(4):289-91

Effect of exercise on oxygen consumption, heart rate, and the electrocardiogram of pigs. Faraci FM, et al. **Med Sci Sports Exerc** 1984 Aug;16(4):406-10

Systolic time intervals--a new technique in clinical pharmacology. Warrington S. **Methods Find Exp Clin Pharmacol** 1985 Feb;7(2):93-8

Intraoperative esophageal electrocardiography. Kates RA. **Mt Sinai J Med (NY)** 1984 Sep;51(5):573-7

Electrocardiographic patterns of normally functioning dual chamber pacemakers. Tolentino AO, et al. **Mt Sinai J Med (NY)** 1985 Feb;52(2):116-22

Use of the initial electrocardiogram to predict in-hospital complications of acute myocardial infarction [letter] **N Engl J Med** 1985 Sep 12;313(11):692-4

Value of the QRS duration versus the serum drug level in predicting seizures and ventricular arrhythmias after an acute overdose of tricyclic antidepressants. Boehnert MT, et al. **N Engl J Med** 1985 Aug 22;313(8):474-9

Use of the initial electrocardiogram to predict in-hospital complications of acute myocardial infarction. Brush JE Jr, et al. **N Engl J Med** 1985 May 2;312(18):1137-41

Comparison of a quantitative treadmill exercise score with standard electrocardiographic criteria in screening asymptomatic young men for coronary artery disease. Hollenberg M, et al. **N Engl J Med** 1985 Sep 5;313(10):600-6

Infarction-associated pericarditis. Rarity of diagnostic electrocardiogram. Krainin FM, et al. **N Engl J Med** 1984 Nov 8;311(19):1211-4

Clinical use of antidepressant blood levels and the electrocardiogram [editorial] Salzman C. **N Engl J Med** 1985 Aug 22;313(8):512-3

Correlation of electrocardiographic changes with plasma quinidine concentration. Gonzalez ER, et al. **Nebr Med J** 1985 Mar;70(3):87-91

Arrhythmogenic seizures: diagnosis by simultaneous EEG/ECG recording. Gilchrist JM. **Neurology** 1985 Oct;35(10):1503-6

Oxygen uptake and cardiovascular responses in control adults and acute myocardial infarction patients during bathing. Winslow EH, et al. **Nurs Res** 1985 May-Jun;34(3):164-9

Fetal heart rate W-sign [letter] Krebs HB. **Obstet Gynecol** 1985 Mar;65(3):448-9

Externally activated antitachycardia pacemaker with noninvasive electrophysiologic re-testing capability. Aonuma K, et al. **PACE** 1985 Mar;8(2):215-24

Optimal pacemaker sensing with respect to amplitude and slew rate of intracardiac electrograms: theoretical analysis by computer simulation. Arai Y, et al. **PACE** 1984 Sep;7(5):778-83

Artificial circus movement tachycardias: incidence, mechanisms, and prevention. Bertholet M, et al. **PACE** 1985 May;8(3 Pt 1):415-23

Report of the policy conference on pacemaker re-use sponsored by the North American Society of Pacing and Electrophysiology. Boal BH, et al. **PACE** 1985 Mar;8(2):161-3

A solution to difficult power frequency interference on ECG recordings. Boyd EG. **PACE** 1985 Jan;8(1):17-24

Unusual mechanism of PR interval variation and nonreentrant supraventricular tachycardia as manifestation of simultaneous anterograde fast and slow conduction through dual atrioventricular nodal pathways. Buss J, et al. **PACE** 1985 Mar;8(2):235-41

The role of electrophysiologic studies in the management of patients with unexplained syncope. Denes P, et al. **PACE** 1985 May;8(3 Pt 1):424-35

The marker channel: a telemetric diagnostic aid. Duffin EG Jr. **PACE** 1984 Nov;7(6 Pt 2):1165-9

Unexpected coexistence of supraventricular and ventricular tachycardia in patients with syncope. Ezri MD, et al. **PACE** 1985 May;8(3 Pt 1):329-40

Electrophysiological testing of sinus node function [letter] Helfgott A. **PACE** 1985 May;8(3 Pt 1):463-4

Simultaneous atrial and ventricular electrogram transmission via a specialized single lead system. Hughes HC, et al. **PACE** 1984 Nov;7(6 Pt 2):1195-201

Appropriate diagnostic studies for sinus node dysfunction. Karagueuzian HS, et al. **PACE** 1985 Mar;8(2):242-54

Atrioventricular conduction abnormalities in patients undergoing isolated aortic or mitral valve replacement. Keefe DL, et al. **PACE** 1985 May;8(3 Pt 1):393-8

Amplitude of atrial electrical activity during sinus rhythm and during atrial flutter-fibrillation. Kerr CR, et al. **PACE** 1985 May;8(3 Pt 1):348-55

Cordis Gemini 415A DDD pulse generator [letter] La Combe MA. **PACE** 1984 Nov;7(6 Pt 1):1087-8

Pacemaker-mediated tachycardia initiated by coincident P-wave undersensing and ventricular blanking period. Lamas GA, et al. **PACE** 1985 May;8(3 Pt 1):436-9

Radionuclide evaluation of dual chamber pacing: comparison between variable AV intervals and ventricular pacing. Leman RB, et al. **PACE** 1985 May;8(3 Pt 1):408-14

Clinical benefits of telemetered electrograms in assessment of DDD function. Levine PA, et al. **PACE** 1984 Nov;7(6 Pt 2):1170-7

Electrophysiologic study of tachycardia-dependent paroxysmal His bundle block in man. Littmann L, et al. **PACE** 1985 May;8(3 Pt 1):341-7

Atrial and ventricular burst pacing from a coronary sinus catheter: relation to position of radiofrequency transmitter. Marchlinski FE, et al. **PACE** 1985 May;8(3 Pt 1):399-401

Drug-device interactions: clinical considerations. Reiffel JA, et al. **PACE** 1985 May;8(3 Pt 1):369-73

Polymorphous ventricular tachycardia (PVT) [letter] Rudnick L, et al. **PACE** 1985 May;8(3 Pt 1):467-8

The various types of ST alterans (both elevated and depressed) in patients with variant angina [letter] Santinelli V. **PACE** 1984 Nov;7(6 Pt 1):1088-9

Unusual presentation of DDD pacemaker system malfunction. Stark S, et al. **PACE** 1985 Mar;8(2):255-60

Interpretation of dual chamber pacemaker electrocardiograms. Sutton R, et al. **PACE** 1985 Jan;8(1):6-16

Ideal atrial lead positioning to detect retrograde atrial depolarization by digitization and slope analysis of the atrial electrogram. Wainwright R, et al. **PACE** 1984 Nov;7(6 Pt 2):1152-8

QT interval in early human malnutrition and after nutritional rehabilitation [letter] Fagioli I, et al. **Pediatr Cardiol** 1985;6(1):52-3

Left-axis deviation in otherwise healthy children. Sharratt GP, et al. **Pediatr Cardiol** 1985;6(1):7-9

Action potential and membrane currents of single pacemaker cells of the rabbit heart. Nakayama T, et al. **Pflugers Arch** 1984 Nov;402(3):248-57

Cardiac electrophysiologic testing: its role in the selection of antiarrhythmic drug regimens for supraventricular and ventricular arrhythmias. Cameron J, et al. **Pharmacotherapy** 1985 Mar-Apr;5(2):95-107 (97 ref.)

Carotid artery and aortic arch imaging with ECG gating in DSA. Francis DA, et al. **Radiology** 1985 Jun;155(3):827

Gold-195m first-pass radionuclide ventriculography, thallium-201 single-photon emission CT, and 12-lead ECG stress testing as a combined procedure. Kipper SL, et al. **Radiology** 1985 Sep;156(3):817-21

ECG-synchronized cardiac MR imaging: method and evaluation. Lanzer P, et al. **Radiology** 1985 Jun;155(3):681-6

Assessment of regional wall motion and perfusion by multigated myocardial scintigraphy after intracoronary Tl-201. Parker JA, et al. **Radiology** 1985 Mar;154(3):783-6

Compliance and comfort in exertional electrocardiography. Campbell GD. **S Afr Med J** 1985 Jul 20;68(2):66-7

Persistent ST-segment elevation in patients with anterior myocardial infarctions. Evaluation by exercise electrocardiography, echocardiography and Holter monitoring. Diamond TH, et al. **S Afr Med J** 1985 Jul 20;68(2):94-7

Holter monitoring at Tygerberg Hospital, 1979-1983--an appraisal. Ellis GC, et al. **S Afr Med J** 1984 Dec 22-29;66(25):951-5

Exercise-induced ST-segment elevation possibly caused by coronary artery spasm. A case presentation and review. Przybojewski JZ, et al. **S Afr Med J** 1985 Sep 14;68(6):419-24

The diagnostic value of different enzymes and standard ECG in acute myocardial infarction. Herlitz J, et al. **Scand J Clin Lab Invest** 1985 Sep;45(5):413-20

Irregularities of R-R interval cycle length during 24 hour ECG tape recording. A new method for assessing cardiac parasympathetic activity. Ewing DJ, et al. **Scott Med J** 1984 Jan;29(1):30-1

Exercise electrocardiography. Hutchison SJ, et al. **Scott Med J** 1984 Jul;29(3):145-9 (19 ref.)

Cardiac electrophysiology. An update for physicians. Tan AT. **Singapore Med J** 1984 Dec;25(6):386-93

The incidence and significance of superior QRS axis in children with cyanotic congenital heart disease. Yip WC, et al. **Singapore Med J** 1984 Dec;25(6):394-9

ST segment depression in acute anterior myocardial infarction. Balla S, et al. **South Med J** 1985 Jun;78(6):673-6

Late development of electrocardiographic abnormalities after a stroke. Bedell SE, et al. **South Med J** 1985 Feb;78(2):218-9

Ventricular premature complexes and diagnosis of acute MI [letter] Biel S, et al. **South Med J** 1985 Feb;78(2):226

Ventricular premature complexes in the early diagnosis of acute myocardial infarction. Biel SI, et al. **South Med J** 1985 Jan;78(1):7-10

Mexiletine: long-term follow-up of a patient with prolonged QT interval and quinidine-induced torsades de pointes. Thomas MG, et al. **South Med J** 1985 Feb;78(2):205-6

The electrocardiogram and the athlete. Ferst JA, et al. **Sports Med** 1984 Sep-Oct;1(5):390-403 (52 ref.)

Prinzmetal's variant form of angina pectoris: a case detected by continuous Holter monitoring. Liu CZ, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Jan;84(1):117-26

Electrocardiographic changes and their relation to serum enzyme activity after heart surgery. Herlitz J, et al. **Thorac Cardiovasc Surg** 1984 Dec;32(6):365-8

Clinical study of cardiac arrhythmias using a 24-hour continuous electrocardiographic recorder (5th report)--antiarrhythmic action of coenzyme Q10 in diabetics. Fujioka T, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:453-63

The prevalence of diabetic autonomic neuropathy indicated by abnormal R-R interval variation. Moridera K, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:465-9

Diurnal variation of QT interval in patients with VVI pacemaker. Oda E, et al. **Tohoku J Exp Med** 1985 Apr;145(4):419-26

Causes of death of diabetic patients in the past 10 years and their ECG findings. Tabata Y, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:651-4

QRS normalization of bundle branch block by ventricular fusion. Kanemoto N, et al. **Tokai J Exp Clin Med** 1984 Oct;9(4):259-61

[ECG observations on terminating tachyarrhythmia by intravenous amiodarone] Xu ML. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1985 Mar;13(1):14-6 (Chi)

[The role of His bundle electrogram in heart block] Ye P. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Jun;12(2):90-4 (Eng. Abstr.) (Chi)

[The electrocardiogram of patients with pacemakers] Chen HZ. **Chung Hua I Hsueh Tsa Chih** 1984 Aug;64(8):511-6 (Chi)

[Correlation between pathological changes in the conduction system and the electrocardiographic diagnosis of complete left bundle branch block] Liu GS. **Chung Hua Nei Ko Tsa Chih** 1984 Jun;23(6):329-32, 396 (Eng. Abstr.) (Chi)

[Significance of apparent S-T segment depression in precordial leads in acute inferior myocardial infarction] Zhao LY. **Chung Hua Nei Ko Tsa Chih** 1984 Apr;23(4):214-6 (Eng. Abstr.) (Chi)

[Analysis of ECG in normal rats] Wang TL. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb;6(1):76-7 (Eng. Abstr.) (Chi)

[Correlative cardioelectrical signal studies based on time and frequency domains--an analysis of ECG waves] You K, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Jun;6(3):182-6 (Eng. Abstr.) (Chi)

[Isopotential ECG mapping at rest and after loading in a control group, in leading runners and in patients with ischemic heart disease] Brodan V, et al. **Cas Lek Cesk** 1984 Jul 20;123(29):893–8 (Eng. Abstr.) **(Cze)**

[Prognostic value of the early stress test and the significance of indicators in the electrocardiogram at rest in patients with myocardial infarct] Zeman S, et al. **Cas Lek Cesk** 1985 Jul 26;124(30):934–7 (Eng. Abstr.) **(Cze)**

[ECG in neonatal hypocalcemia] Doležel Z. **Cesk Pediatr** 1984 Sep;39(9):555–6 **(Cze)**

[Electroencephalographic profile of the neuroleptic, zetidoline] Zapletálek M, et al. **Cesk Psychiatr** 1984 Jun; 80(3):139–42 (Eng. Abstr.) **(Cze)**

[Is it possible to diagnose and better characterize hypertrophic cardiomyopathies using ECG?] Gregor P, et al. **Vnitr Lek** 1985 Mar;31(3):223–31 (Eng. Abstr.) **(Cze)**

[Post-exertional electromapping in the diagnosis of ischemic heart disease] Janota M, et al. **Vnitr Lek** 1985 Aug; 31(8):736–43 (Eng. Abstr.) **(Cze)**

[Digitalis and atrial fibrillation in 1985] Meijler FL, et al. **Ned Tijdschr Geneeskd** 1985 Apr 20;129(16):729–35 **(Dut)**

[Exercise ECG in the diagnosis of coronary heart disease] Siltanen P. **Duodecim** 1984;100(21):1360–82 (118 ref.) **(Fin)**

[Critical study of the stress electrocardiogram after aortocoronary bypass, based on 95 coronary angiographic correlations] David D, et al. **Ann Cardiol Angeiol (Paris)** 1985 Apr 15;34(4):219–23 (Eng. Abstr.) **(Fre)**

[An overlooked electrocardiographic sign of acute embolic cor pulmonale: elevation of the ST segment in right precordial leads] Grand A, et al. **Ann Cardiol Angeiol (Paris)** 1985 May;34(5):361–2 (Eng. Abstr.) **(Fre)**

[Transmural myocardial infarction. An impossible electrocardiographic diagnosis] Hallali P, et al. **Ann Cardiol Angeiol (Paris)** 1985 Jun;34(6):401–4 (Eng. Abstr.) **(Fre)**

[Late potentials: non-invasive detection in coronary disease and relation to severe ventricular arrhythmia] Zimmermann M, et al. **Ann Cardiol Angeiol (Paris)** 1985 Mar;34(3):137–42 (Eng. Abstr.) **(Fre)**

[Primary non-obstructive myocardiopathy in a 38-month-old child, with transient inverted QS waves, recorded on precordial lead (V3–V4–V5) tracings: the electric expression of a sub-endocardial disorder?] Zimmermann C, et al. **Ann Pediatr (Paris)** 1985 Jun; 32(6):531–6 (Eng. Abstr.) **(Fre)**

[Maximal effort, maximal heart rate and serum lactic acid in exercise electrocardiography. A comparative study] Alabouvette G, et al. **Arch Mal Coeur** 1984 Nov; 77(12):1301–6 (Eng. Abstr.) **(Fre)**

[Clinical and electrophysiological aspects of median intra-His bundle block with normal electrocardiogram at rest] David D, et al. **Arch Mal Coeur** 1985 Jul;78(7):1009–18 (Eng. Abstr.) **(Fre)**

[Polymorphic familial incessant ventricular rhythm disorders with ventricular repolarization abnormalities: borderline form of the congenital long QT syndrome?] Leclercq JF, et al. **Arch Mal Coeur** 1984 Sep;77(9):1013–9 (Eng. Abstr.) **(Fre)**

[Mitral valve prolapse. Results of electrophysiological studies] Perrot B, et al. **Arch Mal Coeur** 1985 Jul; 78(7):1001–8 (Eng. Abstr.) **(Fre)**

[Possible role of a cardiac factor in limiting the walking perimeter in the treadmill test in the arteritis patient] Pochon P, et al. **J Mal Vasc** 1985;10 Suppl A:33–6 (Eng. Abstr.) **(Fre)**

[Problems raised by the diagnosis of infarct of the lower myocardium, isolated or associated with anterior or posterior left fascicular block: electro-vectorcardiographic aspects] Zamfirescu NR, et al. **Physiologie** 1985 Jan–Mar; 22(1):3–11 **(Fre)**

[Electrocardiographic changes in accidental hypothermia (letter)] Corcelle P, et al. **Presse Med** 1984 Oct 20; 13(37):2271 **(Fre)**

[Electrocardiographic monitoring of athletes. The electrocardiogram and fitness for sports] Broustet JP, et al. **Rev Med Suisse Romande** 1984 Oct;104(10):807–14 **(Fre)**

[Should one treat every extrasystole?] Jornod JC, et al. **Rev Med Suisse Romande** 1984 Sep;104(9):717–9 **(Fre)**

[Indications and limitations of the exertion ECG in the diagnosis of left ventricular aneurysms] Gersbach P, et al. **Schweiz Med Wochenschr** 1985 May 25;115(21):728–32 (Eng. Abstr.) **(Fre)**

[ECG Quiz No. 26. What is your diagnosis?] Mahaim C. **Schweiz Rundsch Med Prax** 1984 Dec 11;73(50):1537–8 **(Fre)**

[Electrocardiogram in acute anterior wall infarct after restoration of the blood supply] Schmidt WG, et al. **Dtsch Med Wochenschr** 1985 Apr 26;110(17):665–9 (Eng. Abstr.) **(Ger)**

[Electrocardiographic studies in cattle suffering from abomasal displacement] Goetze L. **DTW** 1984 Oct 8; 91(10):347–54 (Eng. Abstr.) **(Ger)**

[Control of the position of central venous catheters by intracardial ECG. A presentation of the method and its advantages compared to roentgen control] Baar H, et al. **Fortschr Med** 1984 Aug 16;102(29–30):755–6 (Eng. Abstr.) **(Ger)**

[Home monitoring following sudden infant death—report of the personal experiences of an anesthesist] Josten KU. **Klin Padiatr** 1985 Mar–Apr;197(2):127–9 (Eng. Abstr.) **(Ger)**

[ECG-triggered NMR-tomography of the heart. Pathological findings] Zeitler E, et al. **ROFO** 1985 Mar; 142(3):275–81 (Eng. Abstr.) **(Ger)**

[Sick sinus syndrome—clinical presentation, diagnostic and therapeutic measures in an ambulatory patient sample] Conen D, et al. **Schweiz Med Wochenschr** 1985 Mar 2; 115(9):301–4 (Eng. Abstr.) **(Ger)**

[Potential danger to pacemaker patients during transurethral operations. Clinical and experimental studies] Zink RA, et al. **Urologe [A]** 1985 Jul;24(4):175–9 (Eng. Abstr.) **(Ger)**

[ECG changes in an adverse reaction to dextran] Thalhammer F. **Wien Med Wochenschr** 1984 Nov 15; 134(21):471–3 (Eng. Abstr.) **(Ger)**

[Simulation of intramural heart infarct in ECG by beta-receptor blockader] Schüffler J, et al. **Z Gesamte Inn Med** 1984 Dec 1;39(23):597–600 (Eng. Abstr.) **(Ger)**

[Effect of an inpatient exercise therapy program on the R and RS amplitude in the stress ECG] Tahy A, et al. **Z Gesamte Inn Med** 1984 Aug 1;39(15):362–5 (Eng. Abstr.) **(Ger)**

[A new method for the evaluation of the success of anti-arrhythmic drug therapy and a paradoxical drug-induced arrhythmogenic effect in individual patients] Andresen D, et al. **Z Kardiol** 1984 Aug;73(8):492–7 (Eng. Abstr.) **(Ger)**

[Clinical and electrophysiologic findings in patients with syncope following myocardial infarct] Borggrefe M, et al. **Z Kardiol** 1984 May;73(5):297–303 (Eng. Abstr.) **(Ger)**

[Prognostic significance of programmed ventricular stimulation in the noninvasive registration of ventricular late potentials in the postinfarct period] Breithardt G, et al. **Z Kardiol** 1985 Jul;74(7):389–96 (Eng. Abstr.) **(Ger)**

[Tachycardias caused by double ventricular responses and unusual atrioventrio-ventricular relations in linear dissociation of the AV node] Buss J, et al. **Z Kardiol** 1985 Mar;74(3):180–4 (Eng. Abstr.) **(Ger)**

[Mechanically-induced intraventricular block caused by a right-heart floating catheter—frequency and electrophysiologic findings] Buss J, et al. **Z Kardiol** 1984 Nov;73(11):679–85 (Eng. Abstr.) **(Ger)**

[Electrophysiologic findings in patients with Kearns-Sayre syndrome—report on 2 cases] Gonska BD, et al. **Z Kardiol** 1985 May;74(5):281–6 (Eng. Abstr.) **(Ger)**

[Follow-up of late potentials and complex tachycardiac arrhythmias following myocardial infarct over a 2-year period] Korsukewitz J, et al. **Z Kardiol** 1985 Apr; 74(4):213–9 (Eng. Abstr.) **(Ger)**

[Ineffective use of lidocaine in preventing reperfusion arrhythmias in patients with acute myocardial infarct] Kuck KH, et al. **Z Kardiol** 1985 Mar;74(3):185–90 (Eng. Abstr.) **(Ger)**

[Secondary pauses following high frequency atrial stimulation: incidence and possible underlying mechanisms] Schmidt G, et al. **Z Kardiol** 1985 May;74(5):287–93 (Eng. Abstr.) **(Ger)**

[Slow flow in the coronary system and ST elevation in the ECG in left atrium catheterization] Tebbe U, et al. **Z Kardiol** 1984 Dec;73(12):789–91 (Eng. Abstr.) **(Ger)**

[Arrhythmia behavior and sudden heart death in isolated stenoses or obstructions of the anterior interventricular branch] Trappe HJ, et al. **Z Kardiol** 1985 Mar;74(3):165–74 (Eng. Abstr.) **(Ger)**

[Cardiotocography practice. Case 7] Heinrich J. **Zentralbl Gynakol** 1985;107(8):515–6 **(Ger)**

[Cardiotocography practice. Case 8] Heinrich J. **Zentralbl Gynakol** 1985;107(9):580–1 **(Ger)**

[Effects of various anesthesia procedures used in forceps delivery on the cardiopulmonary adaptation of the newborn infant. 1. Modification of cardiac adaptation] Weisbach W, et al. **Zentralbl Gynakol** 1985;107(9):539–44 (Eng. Abstr.) **(Ger)**

[Reciprocal changes in the ST segment during acute myocardial infarction: etiology and prognostic significance] Chenzbraun A, et al. **Harefuah** 1985 Jan 1;108(1):37–9 **(Heb)**

[Transtelephone ECG monitoring for detecting cardiac arrhythmia] Dahar Z, et al. **Harefuah** 1984 Nov 1; 107(9):226–7 (Eng. Abstr.) **(Heb)**

[The ambulatory ECG in the evaluation of coronary insufficiency] Vasini P, et al. **Acta Biomed Ateneo Parmense** 1984;55(5–6):283–8 (Eng. Abstr.) **(Ita)**

[Changes of the amplitude of the R wave and behavior of the ST tract during exercise test. Comparison with hemodynamic and coronarographic data] Egloff C, et al. **Boll Soc Ital Cardiol** 1984 Jul–Aug;29(7–8):367–77 (Eng. Abstr.) **(Ita)**

[Left ventricular hypertrophy in older hypertensives: electro- and echocardiographic correlations] Forin G, et al. **Boll Soc Ital Cardiol** 1983 Nov;28(11):955–70 (Eng. Abstr.) **(Ita)**

[Left ventricular hypertrophy in elderly hypertensive patients: electroechocardiographic correlates] Forin G, et al. **Boll Soc Ital Cardiol** 1983 Nov;28(11):955–70 (Eng. Abstr.) **(Ita)**

[Normal profile of the Holter dynamic electrocardiogram. Preliminary report on a group of 80 young healthy subjects] Germanò G, et al. **Boll Soc Ital Cardiol** 1983 Nov; 28(11):925–35 (Eng. Abstr.) **(Ita)**

[Relations between prolongation of the QT interval and sudden cardiac death after myocardial infarct] Mayer MC, et al. **Boll Soc Ital Cardiol** 1984 Jul–Aug;29(7–8):415–22 (Eng. Abstr.) **(Ita)**

[Continuous electrocardiographic monitoring of angina pectoris patients with normal coronary arteries and a positive exercise test] Radice M, et al. **Boll Soc Ital Cardiol** 1983 Nov;28(11):913–21 (Eng. Abstr.) **(Ita)**

[Changes in the height of the R wave and behavior of the ST segment during the exercise test. Comparison with hemodynamic and coronarographic data] Egloff C, et al. **Cardiologia** 1984 Jul–Aug;29(7–8):367–77 (Eng. Abstr.) **(Ita)**

[Relation between prolongation of the QT interval and sudden cardiac death after myocardial infarct] Mayer MC, et al. **Cardiologia** 1984 Jul–Aug;29(7–8):415–22 (Eng. Abstr.) **(Ita)**

[Control of the efficacy of anti-arrhythmia drug therapy with the ambulatory electrocardiogram. Proposal for a new analytical statistical model] Bobbio M, et al. **G Ital Cardiol** 1985 Feb;15(2):212–7 (Eng. Abstr.) **(Ita)**

[Influence of the angiocardiographic severity of ischemic heart disease on QTc duration] De Caprio L, et al. **G Ital Cardiol** 1985 Jan;15(1):92–7 (Eng. Abstr.) **(Ita)**

[Correlation between electrocardiographic and echocardiographic findings in chronic aortic insufficiency] Di Bello V, et al. **G Ital Cardiol** 1984 Dec;14(12):1037–44 (Eng. Abstr.) **(Ita)**

[Natural history of persistent atrial paralysis. Description of a case with familial and evolutionary characteristics] Guarnerio M, et al. **G Ital Cardiol** 1985 Jan;15(1):112–6 (Eng. Abstr.) **(Ita)**

[Depression of the ST segment in precordial derivations: prognostic value in inferior myocardial infarct] Marchini A, et al. **G Ital Cardiol** 1984 Aug;14(8):565–9 (Eng. Abstr.) **(Ita)**

[Modulated parasystole. An arrhythmia waiting for diagnostic criteria. Deductive analysis of a case] Oreto G, et al. **G Ital Cardiol** 1984 Dec;14(12):1081–6 (Eng. Abstr.) **(Ita)**

[Clinical and hemodynamic implications of anterior ST segment depression in inferior myocardial infarct] Scardi S, et al. **G Ital Cardiol** 1985 Feb;15(2):149–54 (Eng. Abstr.) **(Ita)**

[Significance of ST segment depression in patients with acute and non-acute inferior myocardial infarct] Tavazzi L, et al. **G Ital Cardiol** 1985 Feb;15(2):165–8 **(Ita)**

[Anterior ST segment depression during the exercise test in patients with previous inferior myocardial infarct. Scintigraphic and coronary arteriographic correlations] Uthurralt NM, et al. **G Ital Cardiol** 1985 Feb;15(2):155–64 (Eng. Abstr.) **(Ita)**

[Sustained ventricular tachycardia in postinfarct ischemic heart disease: spontaneous polymorphism. Clinical, therapeutic and prognostic aspects] Vergara G, et al. **G Ital Cardiol** 1985 Feb;15(2):177–83 (Eng. Abstr.) **(Ita)**

[Significance of variations in the voltage of the R wave during the exertion test. Influence of the heart rate on the sensitivity and specificity of delta-R criteria] Artiaco D, et al. **Minerva Cardioangiol** 1984 Nov;32(11):749–55 (Eng. Abstr.) **(Ita)**

[The electrocardiogram in the diagnosis of infarct of the right ventricle] Pirazzini L, et al. **Minerva Cardioangiol** 1985 May;33(5):237–41 (Eng. Abstr.) **(Ita)**

[Variations in the duration of electromechanical systole and R wave voltage in normal subjects during dynamic exercise] Romano M, et al. **Minerva Cardioangiol** 1984 Jul–Aug;32(7–8):529–33 (Eng. Abstr.) **(Ita)**

[rS complex in V1 in chronic complete left branch block: a possible electrocardiographic criterion for left ventricular dilatation] Rusconi C, et al. **Minerva Cardioangiol** 1985 Mar;33(3):105–12 (Eng. Abstr.) **(Ita)**

[Significance of the ST segment depression in precordial leads in lower myocardial infarct] Ceci V, et al. **Recenti Prog Med** 1985 May;76(5):254–9 (Eng. Abstr.) **(Ita)**

[Three dimensional model structure of the heart ventricle and abdomen for retrogressive-problem solving in ECG] Douniwa K. **Iyodenshi To Seitai Kogaku** 1984 Sep; 22(5):362–3 **(Jpn)**

[Time series analysis of the R–R interval variability during a running load in man] Takata K, et al. **Iyodenshi To Seitai Kogaku** 1984 Jun;22(3):194–8 (Eng. Abstr.) **(Jpn)**

[The analysis of left ventricular filling dynamics by radionuclide ventriculography using ECG's R wave and the second heart sound gating techniques] Ishida Y, et al. **J Cardiogr** 1984 Jun;14(1):75–84 (Eng. Abstr.) **(Jpn)**

[Usefulness of ECG gated cardiac computed tomography in measurement of left ventricular volume and wall thickness] Jinbo M, et al. **J Cardiogr** 1984 Jun;14(1):125–34 (Eng. Abstr.) **(Jpn)**

[Correlation between left ventricular wall thickness and the depth of negative T waves in apical hypertrophic cardiomyopathy] Nishiyama S, et al. **J Cardiogr** 1984 Aug; 14(2):281–8 (Eng. Abstr.) **(Jpn)**

[Effects of heart rate on body surface potential distribution in patients with atrial pacemaker] Ohsugi S, et al. **J Cardiogr** 1984 Aug;14(2):323–34 (Eng. Abstr.) **(Jpn)**

[Evaluation of regional wall motion in myocardial infarction using animation ECG gated cardiac computed tomography] Shimizu T, et al. **J Cardiogr** 1984 Aug; 14(2):257–66 (Eng. Abstr.) **(Jpn)**

[Mechanism of exercise–induced ST segment deviation in myocardial infarction: a 201T1–myocardial scintigraphic study] Takahashi H, et al. **J Cardiogr** 1984 Jun;14(1):39–47 (Eng. Abstr.) **(Jpn)**

[Role of the electrocardiogram in detecting transient myocardial ischemia] Tamura K. **J Cardiogr** 1984;14 Suppl 1:47–53 (Eng. Abstr.) **(Jpn)**

[Designing and evaluation of a dynamic cardiac phantom for ECG gated blood–pool scintigraphy] Inoue T, et al. **Kaku Igaku** 1985 Feb;22(2):261–8 **(Jpn)**

[Analysis of left ventricular filling in patients with coronary artery disease by a new radionuclide ventriculographic method using second heart sound and forward and backward ECG gating techniques––impairment of early diastolic filling and the contribution of atrial contraction to total filling] Ishida Y. **Kaku Igaku** 1984 Jul;21(7):831–43 (Eng. Abstr.) **(Jpn)**

[ECG–gated myocardial tomo–scintigraphy by a rotating bilateral collimator. Clinical application and artifacts] Komatani A, et al. **Kaku Igaku** 1985 Jan;22(1):43–8 (Eng. Abstr.) **(Jpn)**

[Clinical trial of higher order phase analysis in ECG gated blood pool emission computed tomography] Tsuda T, et al. **Kaku Igaku** 1984 Nov;21(11):1469–73 (Eng. Abstr.) **(Jpn)**

[Retrograde concealed conduction as a manifestation of unidirectional block in complete A–V block] Bando S, et al. **Kokyu To Junkan** 1985 Mar;33(3):385–9 (Eng. Abstr.) **(Jpn)**

[Studies of the configuration of QRS wave of ventricular arrhythmia in coronary spasm] Fujino K, et al.
Kokyu To Junkan 1985 Mar;33(3):365–70 (Eng. Abstr.) **(Jpn)**

[The clinical value and limitation of exercise electrocardiography and exercise thallium–201 myocardial scintigraphy in the diagnosis of coronary artery disease, with special reference to single vessel disease] Fujioka T, et al. **Kokyu To Junkan** 1984 Dec;32(12):1293–9 (Eng. Abstr.) **(Jpn)**

[Study of the left ventricular contraction pattern with aneurysm using ECG–gated equilibrium scintigraphy] Futamura Y, et al. **Kokyu To Junkan** 1985 Mar;33(3):359–63 (Eng. Abstr.) **(Jpn)**

[Correlation of electrophysiological data to pathological findings of the right atrium in supraventricular arrhythmia] Ishida K, et al. **Kokyu To Junkan** 1985 Mar;33(3):289–94 (Eng. Abstr.) **(Jpn)**

[Circadian rhythm of ventricular premature beat and urinary catecholamines––evaluation with Holtor ECG] Ishizaka K, et al. **Kokyu To Junkan** 1984 Nov;32(11):1147–50 **(Jpn)**

[Significance of transient U–wave inversion in coronary artery disease: a report of 3 cases] Kawasaki H, et al.
Kokyu To Junkan 1985 Feb;33(2):211–5 (Eng. Abstr.) **(Jpn)**

[A case with electrocardiographic indication of the presence of dual A–V nodal pathways during the attack of variant angina] Minezono K, et al. **Kokyu To Junkan** 1984 Sep; 32(9):977–82 (Eng. Abstr.) **(Jpn)**

[Clinical significance of U–wave inversion during attacks of variant angina] Miwa K, et al. **Kokyu To Junkan** 1984 Jul; 32(7):709–14 (Eng. Abstr.) **(Jpn)**

[Investigation of the relationship between R–wave amplitude and left ventricular volume by exercise echocardiography] Mizutani Y, et al. **Kokyu To Junkan** 1985 Mar;33(3):351–7 (Eng. Abstr.) **(Jpn)**

[A case report of intra–His bundle Wenckebach phenomenon] Oda E, et al. **Kokyu To Junkan** 1984 Nov;32(11):1197–200 (Eng. Abstr.) **(Jpn)**

[Implications of anterior ST depression in acute inferior myocardial infarction] Onodera T, et al.
Kokyu To Junkan 1985 Jun;33(6):759–63 (Eng. Abstr.) **(Jpn)**

[Role of the autonomic nervous system in the pathogenesis of vasospastic angina––neurogenic humoral regulators and ECG R–R interval variations] Suematsu M, et al.
Kokyu To Junkan 1984 Nov;32(11):1163–6 **(Jpn)**

[Effects of exercise and the QT interval] Tabata Y, et al.
Kokyu To Junkan 1984 Dec;32(12):1271–5 (Eng. Abstr.) **(Jpn)**

[Electrophysiological study of cases with bilateral bundle branch block] Takaoka K, et al. **Kokyu To Junkan** 1985 Mar;33(3):303–8 (Eng. Abstr.) **(Jpn)**

[Clinical significance of exercise–induced T wave normalization by Master two–step (comparison with stress myocardial scintigraphy)] Uruma M, et al.
Kokyu To Junkan 1985 Feb;33(2):185–9 (Eng. Abstr.) **(Jpn)**

[Negative U–wave in patients with left ventricular volume overload––aortic versus mitral regurgitation] Yamamoto S, et al. **Kokyu To Junkan** 1984 Oct;32(10):1065–9 (Eng. Abstr.) **(Jpn)**

[Electrophysiological findings in patients with idiopathic ventricular tachycardia] Yokoi Y, et al.
Kokyu To Junkan 1985 Mar;33(3):411–7 (Eng. Abstr.) **(Jpn)**

[Electrophysiological assessment of patients with recurrent ventricular tachycardia after myocardial infarction] Yokoi Y, et al. **Kokyu To Junkan** 1985 Jun;33(6):771–6 (Eng. Abstr.) **(Jpn)**

[R–R interval variations and autonomic nervous function under general anesthesia] Sakuma Y, et al. **Masui** 1985 Feb; 34(2):223–7 (Eng. Abstr.) **(Jpn)**

[Arrhythmias in uremic patients on maintenance hemodialysis studied with 24–hour electrocardiographic recording] Hatori M, et al. **Nippon Jinzo Gakkai Shi** 1985 Apr; 27(4):511–7 (Eng. Abstr.) **(Jpn)**

[Ventricular arrhythmia after repair of tetralogy of Fallot––ambulatory ECG monitoring in 100 patients] Kobayashi J, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Sep;32(9):1300–7 (Eng. Abstr.) **(Jpn)**

[Correlation between body surface isopotential maps and location of accessory conduction pathways in Wolff–Parkinson–White syndrome] Magara T.
Nippon Kyobu Geka Gakkai Zasshi 1984 Apr;32(4):535–45 (Eng. Abstr.) **(Jpn)**

[A study on atrial potential––characteristics and its relation to ECG] Murase M, et al.
Nippon Kyobu Geka Gakkai Zasshi 1984 Sep;32(9):1288–92 (Eng. Abstr.) **(Jpn)**

[Clinical study of diagnosis of the site of the origin of ventricular tachycardia by body surface maps] Ushijima S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Apr; 33(4):461–6 (Eng. Abstr.) **(Jpn)**

[A case of restrictive cardiomyopathy associated with abnormal Q wave and bradycardia–tachycardia syndrome, successfully treated by AV sequential pacing] Hamashige N, et al. **Nippon Naika Gakkai Zasshi** 1984 Dec; 73(12):1849–55 **(Jpn)**

[Educational lecture on progress in clinical electrocardiography] Mori H.
Nippon Naika Gakkai Zasshi 1984 Aug;73(8):1134–9 (23 ref.) **(Jpn)**

[Circulatory monitoring at the intensive care unit. b. The role of non–invasive monitoring methods] Matsuo H, et al. **Nippon Rinsho** 1984 Dec;42(12):2698–705 **(Jpn)**

[Exercise test. b. Exercise ECG test in coronary disease] Sotohata I, et al. **Nippon Rinsho** 1984 Dec;42(12):2666–75 (35 ref.) **(Jpn)**

[The short–term variability index from abdominal fetal electrocardiogram] Ohno Y, et al.
Nippon Sanka Fujinka Gakkai Zasshi 1985 Jan;37(1):53–60 (Eng. Abstr.) **(Jpn)**

[Cerebral angiography following hyperventilation in moyamoya disease––in reference to the 're–build up' phenomenon on EEG] Takahashi A, et al.
No Shinkei Geka 1985 Mar;13(3):255–64 (Eng. Abstr.) **(Jpn)**

[Subacute sclerosing panencephalitis. A clinical and electroencephalographic study] Miyake S, et al.
No To Hattatsu 1985 Jan;17(1):29–36 (Eng. Abstr.) **(Jpn)**

[Polygraphic analysis of sleep] Hiraga H. **Rinsho Byori** 1985 Feb;Spec No 61:147–71 (88 ref.) **(Jpn)**

[Laboratory tests in cardiac diseases––creatine kinase in myocardial infarction and ECG changes induced by hypopotassemia] Ito M. **Rinsho Byori** 1984 Jul;32(7):736–45 (44 ref.) **(Jpn)**

[Cardiac arrhythmias in master's two–step test] Morita Y, et al. **Rinsho Byori** 1984 Aug;32(8):919–22 **(Jpn)**

[A study on the probabilistic aspect of the R–R intervals in atrial fibrillation] Okada M, et al. **Rinsho Byori** 1984 Sep;32(9):1021–4 **(Jpn)**

[Electrocardiographic diagnosis of left–ventricular hypertrophy in arterial hypertension] Dabrowska B.
Pol Arch Med Wewn 1984 Oct;72(4):191–7 (34 ref.) **(Pol)**

[Significance of ST segment depression in precordial ECG leads in inferior myocardial infarction] Opolski G.
Pol Tyg Lek 1984 Nov 12;39(46):1519–20 **(Pol)**

[Mitral valve prolapse. Evaluation of the efficacy of nadolol on the control of clinical symptoms and on the normalization of electrocardiographic tracings] Bichuette HS. **Arq Bras Cardiol** 1984 Dec;43(6):449–56 (Eng. Abstr.) **(Por)**

[New presentation of frontal plane derivations in the electrocardiogram] Deccache W, et al.
Arq Bras Cardiol 1984 Apr;42(4):255–66 (Eng. Abstr.) **(Por)**

[Dynamic electrocardiography in patients with mitral valve prolapse] de Oliveira Júnior W, et al. **Arq Bras Cardiol** 1984 Sep;43(3):173–7 (Eng. Abstr.) **(Por)**

[The electrocardiogram in progressive muscular dystrophy and myotonic diseases. A study of 77 patients] Galvão PB, et al. **Arq Bras Cardiol** 1984 Apr;42(4):273–9 (Eng. Abstr.) **(Por)**

[Registration of an anomalous pathway potential in a patient with ventricular pre–excitation. A case report] Maia IG, et al. **Arq Bras Cardiol** 1984 Jul;43(1):55–8 (Eng. Abstr.) **(Por)**

[Correlation between the Q wave indicative of myocardial infarction and left ventricular function in chronic coronary insufficiency] Peixoto EC, et al. **Arq Bras Cardiol** 1984 Sep; 43(3):167–72 (Eng. Abstr.) **(Por)**

[Chronic aortic insufficiency. Clinical, hemodynamic and left ventricular function study] Peixoto EC, et al.
Arq Bras Cardiol 1984 Nov;43(5):305–13 (Eng. Abstr.) **(Por)**

[Value of electrocardiographic and vectorcardiographic diagnosis in chronic cor pulmonale] Dudea C, et al.
Rev Med Interna [Med Interna] 1985 Mar–Apr;37(2):145–51 (Eng. Abstr.) **(Rum)**

[Correlation between the concentration of free fatty acid, ECG aspects and left ventricular function in patients with primary dyslipemia] Popescu P, et al.
Rev Med Interna [Med Interna] 1984 Jul–Aug;36(4):379–84 **(Rum)**

[Electrocardiographic aspects of acute cerebrovascular diseases] Pascu I, et al.
Rev Med Interna [Neurol Psihiatr] 1984 Oct–Dec; 29(4):251–7 (Eng. Abstr.) **(Rum)**

[Prognosis of fetal status in a complicated course of pregnancy: the possibilities of cardiotocography and of assessing fetal respiratory activity] Voronin KV, et al.
Akush Ginekol (Mosk) 1985 Apr;(4):36–8 (Eng. Abstr.) **(Rus)**

[Sinus rhythm of the heart in the postoperative period of neurosurgical patients] Kuterman EM, et al.
Anesteziol Reanimatol 1984 Sep–Oct;(5):53–7 (Eng. Abstr.) **(Rus)**

[Development of episodes of variant angina pectoris during isoproterenol tests] Akhmedzhanov NM, et al.
Kardiologiia 1984 Aug;24(8):112–4 **(Rus)**

[Modeling the QRS complex of the ECG at 12 standard leads] Gel'man GI, et al. **Kardiologiia** 1984 Oct;24(10):109–11 **(Rus)**

[ECG T–wave velocity indicators in patients with myocardial infarction] Khalfen ESh, et al. **Kardiologiia** 1984 Oct;24(10):30–5 (Eng. Abstr.) **(Rus)**

[Comparison of the indices of left ventricular pumping function, contractility, myocardial metabolism and the magnitude of the R wave on the ECG of ischemic heart disease patients] Pomerantsev EV, et al. **Kardiologiia** 1985 May;25(5):48–52 (Eng. Abstr.) **(Rus)**

[Assessment of heart rhythm in patients with dilated cardiomyopathy based on daily ECG monitoring data] Vangeli RS, et al. **Kardiologiia** 1985 May;25(5):44–7 (Eng. Abstr.) **(Rus)**

[ECG characteristics in subendocardial myocardial infarct] Zharov EI, et al. **Kardiologiia** 1985 Mar;25(3):34–8 (Eng. Abstr.) **(Rus)**

[Echo– and electrocardiographic signs of different forms of hypertrophic cardiomyopathy] Zhuravleva NB, et al.
Kardiologiia 1985 Mar;25(3):70–3 (Eng. Abstr.) **(Rus)**

[Long–term observation of Romano–Ward syndrome in 3 generations] Gladyshev PL, et al. **Klin Med (Mosk)** 1984 Nov;62(11):57–9 **(Rus)**

[Electrocardiographic diagnosis and classification of the early ventricular repolarization syndrome] Skorobogatyi AM.
Klin Med (Mosk) 1985 Jan;63(1):47–51 (Eng. Abstr.) **(Rus)**

[Pseudoinfarction Q waves in Wolff–Parkinson–White syndrome] Zhuravleva NB, et al. **Klin Med (Mosk)** 1985 Feb;63(2):53–6 (Eng. Abstr.) **(Rus)**

[Incidence and nature of electrocardiographic disorders in the dog after single and multiple exposure to +Gz] Vartbaronov RA, et al. **Kosm Biol Aviakosm Med** 1984 Jul–Aug;18(4):37–41 (Eng. Abstr.) **(Rus)**

[ECG changes during radiotherapy of stomach cancer] Blokhina TV, et al. **Med Radiol (Mosk)** 1985 May; 30(5):45–9 (Eng. Abstr.) **(Rus)**

[Automatic recognition of RR–intervals of sinus origin from real electrocardiographic signals] Tsukerman BM, et al. **Med Tekh** 1984 Nov–Dec;(6):18–21 (Eng. Abstr.) **(Rus)**

[Electrocardiographic changes during the modelling of Lutembacher's syndrome] Kir'iakulov GS, et al.
Patol Fiziol Eksp Ter 1985 May–Jun;(3):38–41 (Eng. Abstr.) **(Rus)**

[Changes in ECG indicators during bicycle ergometry in patients having suffered myocardial infarction] Kheifets ZN. **Ter Arkh** 1984;56(8):32–4 (Eng. Abstr.) **(Rus)**

[Comparative study of the exercise tolerance of patients with autonomic circulatory dystonia, angina pectoris and previous myocardial infarction] Klenina IS, et al.
Ter Arkh 1984;56(8):35–9 (Eng. Abstr.) **(Rus)**

[Physical loading tolerance in male population groups 20 to 69 years of age without the angina syndrome and normal and altered resting ECGs] Lipovetskii BM, et al.
Ter Arkh 1985;57(1):28–30 (Eng. Abstr.) **(Rus)**

[ECG characteristics in patients with idiopathic hypertrophic subaortic stenosis] Mitina IN, et al. **Ter Arkh** 1984; 56(12):35–9 (Eng. Abstr.) **(Rus)**

[Electrocardiographic characteristics of the male and female population aged 20 to 69 (an epidemiological study)] Pakhomova EV, et al. **Ter Arkh** 1985;57(1):49–51 **(Rus)**

[Clinico–electrocardiographic characteristics of congestive (dilated) cardiomyopathy] Shchev'ev LM. **Ter Arkh** 1985; 57(4):40–2 **(Rus)**

[Electrocardiogram study during psammotherapy] Solimene U, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Jul–Aug; (4):12–4 **(Rus)**

[Electrocardiographic indices in diagnosing focal myocardial dystrophy] Koval' EA. **Vrach Delo** 1984 Nov;(11):30–2 **(Rus)**

[Diagnostic significance of changes in the ST–T complex of the electrocardiogram (review of the literature)] Ostropolets SS, et al. **Vrach Delo** 1984 Dec;(12):71–5 **(Rus)**

[Clinical significance of prolongation of the Q–T interval on the electrocardiogram] Skorobogatyi AM. **Vrach Delo** 1985 Jan;(1):69–72 (Eng. Abstr.) **(Rus)**

[Clinico–electrocardiographic criteria in the diagnosis of myocardial lesions] Skorobogatyi AM. **Vrach Delo** 1984 Aug;(8):19–21 (Eng. Abstr.) **(Rus)**

[Reversion of ECG T wave as a criterion for the discontinuation of an exercise test in patients with myocardial infarction] Sledzevskaia IK, et al. **Vrach Delo** 1985 Mar;(3):30-3 (Eng. Abstr.) (Rus)

[Comparison of electrocardiographic changes with disorders of left ventricular wall motion and occlusive changes in the coronary arteries in patients with ischemic heart disease] Vrcelj S, et al. **Srp Arh Celok Lek** 1983 Sep–Oct; 111(9–10):1429–40 (Eng. Abstr.) (Scc)

[Pseudoinfarct of the myocardium] Duraković Z. **Lijec Vjesn** 1985 Mar–Apr;107(3–4):121–4 (Eng. Abstr.) (Scr)

[Changes in the electrocardiogram during bronchoscopy] Pavelić L, et al. **Lijec Vjesn** 1985 Jan;107(1):6–10 (Eng. Abstr.) (Scr)

[Monitoring the electrocardiogram during sleep] Dukát A, et al. **Bratisl Lek Listy** 1985 May;83(5):566–72 (Eng. Abstr.) (Slo)

[Correlation of electrocardiographic findings with the degree of hemodynamic severity in pulmonary artery stenosis and an intact ventricular septum] Jurko A, et al. **Bratisl Lek Listy** 1984 Aug;82(2):1026–32 (Eng. Abstr.) (Slo)

[Is there a perspective for the spectral analysis of electrocardiograms?] Kollár J, et al. **Cas Lek Cesk** 1985 May 24;124(21):651–3 (Eng. Abstr.) (Slo)

[Computer analysis of the ECG curve as a contribution to the automatic diagnosis of heart diseases] Kollár J, et al. **Cas Lek Cesk** 1985 Jan 25;124(4):104–8 (Eng. Abstr.) (Slo)

[Electrocardiographic mapping of the middle and end part of the QRS complex in the WPW picture] Cagáň S, et al. **Vnitr Lek** 1984 Jul;30(7):655–72 (Eng. Abstr.) (Slo)

[Electro-vectorcardiographic behavior of right bundle branch block in endocardial cushion defects. Its probable relation to the so-called left anterior fascicular hemiblock] Cardin G, et al. **Arch Inst Cardiol Mex** 1984 Sep–Oct; 54(5):457–62 (Eng. Abstr.) (Spa)

[Electro-vectorcardiographic aspects of diastolic and mixed overloads of the right ventricle] de Micheli A, et al. **Arch Inst Cardiol Mex** 1985 Mar–Apr;55(2):97-107 (Eng. Abstr.) (Spa)

[Electrocardiographic changes in 29 apparently healthy subjects with positive serological tests for Chagas disease] Soto-Rojas G, et al. **Arch Inst Cardiol Mex** 1984 Nov–Dec; 54(6):579–83 (Eng. Abstr.) (Spa)

[Electrocardiographic features in pregnancy at term and postpartum. Correlation with serum lipids] Domínguez de Costa C, et al. **Ginecol Obstet Mex** 1983 Mar;51(311):73–8 (Eng. Abstr.) (Spa)

[Characteristics of the frequency spectrum of the fetal electrocardiogram] Eisenberg de Smoler P, et al. **Ginecol Obstet Mex** 1984 Oct;52(330):241–6 (Eng. Abstr.) (Spa)

[Increase in voltage of the R wave without simultaneous increase of the ST segment in acute myocardial ischemia] Ortega Carnicer J, et al. **Med Clin (Barc)** 1985 Apr 20; 84(15):614–7 (Eng. Abstr.) (Spa)

[Effects of acute and chronic hypoxia on the electrocardiogram of rats] Ponce Zumino AZ, et al. **Medicina (B Aires)** 1984;44(1):48–52 (Eng. Abstr.) (Spa)

[Epidemiology of arterial hypertension in a working population (IV). Electrocardiographic changes] Roca-Cusachs A, et al. **Rev Esp Cardiol** 1984 Nov–Dec; 37(6):403–8 (Eng. Abstr.) (Spa)

[Dilatation and hypertrophy of cardiac cavities. Anatomo-electrocardiographic correlation] Arancibia C, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1982; 40(3–4):39–44 (Eng. Abstr.) (Spa)

[Prolongation of the QT interval of the electrocardiogram in brain diseases] Losano JC, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1983;41(2):12–6 (Eng. Abstr.) (Spa)

[Severe hyperkalemia] Valdivieso A, et al. **Rev Med Chil** 1984 Dec;112(12):1233–42 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

[Scalp infection caused by B-streptococci in a newborn infant following internal cardiotocography] Handrick W, et al. **Zentralbl Gynakol** 1984;106(23):1544–6 (Eng. Abstr.) (Ger)

EDUCATION

The diagonal rule: a useful mnemonic in ECG interpretation [letter] Sibbitt WL Jr. **Am Heart J** 1984 Dec;108(6):1591

[Recommendations for assessing and judging the electrocardiograms of young people and adults. An abridged programmed course. 14. Program section IV. Ischemia and infarct diagnosis. 4. Recognition and exclusion of ischemia and infarct signs. The demonstration of selected electrocardiograms] Assmann I, et al. **Z Arztl Fortbild (Jena)** 1985;79(3):125–34 (Ger)

HISTORY

Electrocardiogram by Einthoven 63 years earlier. Lamas GA, et al. **Am J Cardiol** 1984 Nov 1;54(8):1163–5

The history and development of cardiovascular monitoring during anesthesia. Silvay G, et al. **Mt Sinai J Med (NY)** 1984 Sep;51(5):560–3

INSTRUMENTATION

A new device for detection of postural ST-T changes in ambulatory electrocardiography. Tanabe T, et al. **Am Heart J** 1985 Jan;109(1):187–90

Catheter mapping during sinus rhythm: relation of local electrogram duration to ventricular tachycardia cycle length. Cassidy DM, et al. **Am J Cardiol** 1985 Mar 1; 55(6):713–6

Ambulatory electrocardiographic study of the frequency and cause of ventricular arrhythmia after correction of tetralogy of Fallot. Kobayashi J, et al. **Am J Cardiol** 1984 Dec 1;54(10):1310–3

Ambulatory Holter electrocardiography [letter] **Ann Intern Med** 1985 Jun;102(6):863–4

Computerized analysis of Holter monitor tapes [letter] Fox W, et al. **Ann Intern Med** 1985 May;102(5):716–7

Ambulatory Holter electrocardiography: choice of technologies and clinical uses. Morganroth J. **Ann Intern Med** 1985 Jan;102(1):73–81

Use of a three-channel electrocardiographic recorder for limited intracardiac electrocardiography during single- and double-chamber pacemaker implantation. Andersen FH, et al. **Ann Thorac Surg** 1985 May;39(5):485–8

Artefactual ST segment abnormalities due to electrocardiograph design. Tayler DI, et al. **Br Heart J** 1985 Aug;54(2):121–8

Detection of arrhythmia: limited usefulness of patient activated recording devices. Thomas LE, et al. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1106–7

Noninvasive method for detecting thyroid function. R-p time interval technique. Qian CG, et al. **Chin Med J [Engl]** 1984 Apr;97(4):257–62

Personnel and equipment required for electrophysiologic testing. Report of the Committee on Electrocardiography and Cardian Electrophysiology, Council on Clinical Cardiology, the American Heart Association. Gettes LS, et al. **Circulation** 1984 Jun;69(6):1219A–1221A

The reproducibility of interpretation of 10 computer ECG systems by means of a microprocessor-based ECG signal generator. Miyahara H, et al. **Comput Biomed Res** 1984 Aug;17(4):311–25

Adaptive ORS detection: a study of performance. Sörnmo L, et al. **IEEE Trans Biomed Eng** 1985 Jun;32(6):392–401

Magnetocardiograms of patients with left ventricular overloading recorded with a second-derivative SQUID gradiometer. Fujino K, et al. **J Electrocardiol** 1984 Jul; 17(3):219–28

Three-channel electrocardiographs—2. **J Med Eng Technol** 1985 Mar–Apr;9(2):85–90

Three-channel electrocardiographs. **J Med Eng Technol** 1984 Jul–Aug;8(4):189–91

Bedside electrocardiographic analysis with a naso-oesophageal feeding tube. Hordes AR, et al. **Lancet** 1985 Aug 3;2(8449):246–7

Electrode studies for the long-term ambulatory ECG. Thakor NV, et al. **Med Biol Eng Comput** 1985 Mar; 23(2):116–21

A connection box allowing simultaneous recording of electrograms and shock delivery for treatment of cardiac arrhythmias. Kersemakers J, et al. **PACE** 1985 Jul; 8(4):539–43

A digital timing and display unit for intraoperative mapping of cardiac arrhythmias. Rosenfeldt FL, et al. **PACE** 1984 Nov;7(6 Pt 1):985–92

Physically corrected orthogonal electrocardiographic lead systems in macaques and baboons. Szathmáry V, et al. **Physiol Bohemoslov** 1985;34(1):85–93

Computer applications to electrophysiologic studies. Byrd CL, et al. **Trans Am Soc Artif Intern Organs** 1984;30:265–9

[Production and clinical application of the XZY-1 model computer-assisted ECG automatic diagnosis system] Li ZA. **Chung Hua I Hsueh Tsa Chih** 1984 Oct;64(10):603–5 (Eng. Abstr.) (Chi)

[Initial clinical experience with the BMT 9141 cardiotocograph] Piňos I, et al. **Cesk Gynekol** 1984 Aug; 49(7):494–6 (Cze)

[Study of the heart rate while sailing or windsurfing by ambulatory monitoring] Bachemont F, et al. **Union Med Can** 1984 Aug;113(8):644–7 (Eng. Abstr.) (Fre)

[Passive telemetry system for monitoring heart pacemaker electrodes] Ostgen M, et al. **Biomed Tech (Berlin)** 1984 Sep; 29(9):202–7 (Eng. Abstr.) (Ger)

[Computer-assisted data analysis in a pediatric intensive care unit] Frank HD, et al. **Klin Padiatr** 1985 Mar–Apr; 197(2):173–5 (Eng. Abstr.) (Ger)

[Comparison of transcutaneous oxygen pressure measurement with computer automatic CTG analysis sub partu] Eichhorn KH, et al. **Z Geburtshilfe Perinatol** 1985 Mar–Apr;189(2):69–72 (Eng. Abstr.) (Ger)

[Possibilities for trend registration of the behavior of extrasystoles in patients with coronary disease] Mann D, et al. **Z Gesamte Inn Med** 1985 Jun 15;40(12):372–7 (Eng. Abstr.) (Ger)

[Improvement in precision of QRS pattern recognition in Holter electrocardiography] Watanabe T. **Iyodenshi To Seitai Kogaku** 1984 Sep;22(5):360–1 (Jpn)

[Method for the automated mapping of 35 ECG leads] Blank ML, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1984;7(2):41–7 (Eng. Abstr.) (Rus)

[Potentials for long-term ECG recording using the Soviet-made band MT equipment unit] Mazur NA, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1984;7(2):56–9 (Eng. Abstr.) (Rus)

[Long-term observation of an electrocardiography signal by using a portable monitor-analyzer with electronic memory] Gusarov GV, et al. **Fiziol Cheloveka** 1984 Sep–Oct; 10(5):859–69 (Rus)

[KS-02 cardiosignal indicator] Bol'shov VM, et al. **Med Tekh** 1985 Mar–Apr;(2):25–8 (Eng. Abstr.) (Rus)

[Selector of R waves in electrocardiosignals, distinguishing signals by geometric characteristics] Koltun VM, et al. **Med Tekh** 1985 Mar–Apr;(2):12–6 (Eng. Abstr.) (Rus)

[Programmable generator of analog signals of arbitrary shape and its use as a simulator of ECG signals] Mironiuk AG, et al. **Med Tekh** 1985 Mar–Apr;(2):10–2 (Eng. Abstr.) (Rus)

[Transtelephonic electrocardiography: an alternative to the Holter system] Antúnez Seguí F, et al. **Med Clin (Barc)** 1985 Mar 30;84(12):476–8 (Eng. Abstr.) (Spa)

[Transtelephonic electrocardiography] Pons Lladó GJ. **Med Clin (Barc)** 1985 Mar 30;84(12):481–2 (Spa)

METHODS

Correlation between electrocardiographically and enzymatically estimated infarct size and its relation to clinical course in inferior myocardial infarction. Herlitz J, et al. **Acta Cardiol (Brux)** 1984;39(6):437–48

Holter monitoring for dizziness and syncope in old age. Hertzeanu H, et al. **Acta Cardiol (Brux)** 1985;40(3):291–9

High resolution atrial depolarization of MZ twins detected by surface signal averaging technique. Sciacca A, et al. **Acta Genet Med Gemellol (Roma)** 1984;33(3):397–402

Correction of the QT interval for heart rate: review of different formulas and the use of Bazett's formula in myocardial infarction. Ahnve S. **Am Heart J** 1985 Mar; 109(3 Pt 1):568–74 (69 ref.)

Esophageal electrocardiography using a balloon-tip electrode. Hardebeck CJ, et al. **Am Heart J** 1985 Sep; 110(3):677–8

Body surface isopotential maps in old anterior myocardial infarction undetectable by 12-lead electrocardiograms. Hirai M, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):975–82

Noninvasive assessment of left ventricular wall motion abnormalities by QRS isointegral maps in previous anterior infarction. Kubota I, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):464–71

Signal-averaged electrocardiographic late potentials in patients with ventricular fibrillation or ventricular tachycardia: correlation with clinical arrhythmia and electrophysiologic study. Freedman RA, et al. **Am J Cardiol** 1985 May 1;55(11):1350–3

Evaluation of a QRS scoring system for estimating myocardial infarct size. V. Specificity and method of application of the complete system. Hindman NB, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1485–90

Holter recording during treadmill testing in assessing myocardial ischemic changes. Tzivoni D, et al. **Am J Cardiol** 1985 Apr 15;55(9):1200–3

PISA—a new noninvasive method for early detection and quantification of ischemia in hypertensive patients. Prasad K, et al. **Angiology** 1985 Feb;36(2):75–87

Surface integration and least-squares procedures for the inverse recovery of cardiac multipole components. Dubé B, et al. **Ann Biomed Eng** 1985;13(1):43-58

Current concepts in sick sinus syndrome. II. ECG manifestation and diagnostic and therapeutic approaches. Belic N, et al. **Arch Intern Med** 1985 Apr;145(4):722–6

The Selvester QRS scoring system for estimating myocardial infarct size. The development and application of the system. Selvester RH, et al. **Arch Intern Med** 1985 Oct; 145(10):1877–81

Chronic recording from the His bundle of the awake dog. Atlee JL 3d, et al. **Basic Res Cardiol** 1984 Nov–Dec; 79(6):627–38

Different determination of sinoatrial conduction time (SACT) in man. Bischoff KO, et al. **Basic Res Cardiol** 1984 Nov–Dec;79(6):639–48

Systolic time intervals in isolated septal defects before and after corrective surgery. II. Ventricular septal defect. Puviani G, et al. **Cardiology** 1984;71(4):177–83

Changes in systolic time intervals during physical training in patients with ischemic heart disease. Effect of beta-blockade. Vanhees L, et al. **Cardiology** 1984; 71(4):207–14

Perioperative Holter monitoring and computer analysis of dysrhythmias in cardiac surgery. Dewar ML, et al. **Chest** 1985 May;87(5):593–7

New application of direct sinus node recordings in man: assessment of sinus node recovery time. Gomes JA, et al. **Circulation** 1984 Oct;70(4):663–71

Effects of age, sex, and body habitus on QRS and ST-T potential maps of 1100 normal subjects. Green LS, et al. **Circulation** 1985 Feb;71(2):244–53

Comparison between intracellular and extracellular direct current recordings of sinus node activity for evaluation of sinoatrial conduction time. Haberl R, et al. **Circulation** 1984 Oct;70(4):760–7

Fractionated electrical activity and continuous electrical activity: fact or artifact? Josephson ME, et al. **Circulation** 1984 Oct;70(4):529–32

The abnormal exercise electrocardiogram in apparently healthy men: a predictor of angina pectoris as an initial coronary event during long-term follow-up. McHenry PL, et al. **Circulation** 1984 Oct;70(4):547-51

Body surface late potentials: effects of endocardial resection in patients with ventricular tachycardia. Marcus NH, et al. **Circulation** 1984 Oct;70(4):632-7

Systolic and diastolic time intervals during spontaneous angina. Ferro G, et al. **Clin Cardiol** 1984 Nov;7(11):588-92

Electrocardiogram blood pressure and systolic time intervals long term monitoring in ambulant patients. Marchesi C, et al. **Clin Exp Hypertens [A]** 1985;7(2-3):335-44

Technique for 24 hour recording of continuous high fidelity arterial pressure and electrocardiogram in ambulatory patients. Pagani M, et al. **Clin Exp Hypertens [A]** 1985; 7(2-3):401-5

Methods of improving the accuracy of ambulatory BP and EKG recordings. Stott FD, et al. **Clin Exp Hypertens [A]** 1985;7(2-3):327-33

Sudden cardiac death: the search for a non-invasive means to detect the electrical substrate for the development of life-threatening cardiac arrhythmias. Smith ER, et al. **Clin Invest Med** 1985;8(1):41-7 (30 ref.)

Real-time beat-to-beat measurement of conduction intervals during cardiac electrophysiological studies. Antolini R, et al. **Clin Phys Physiol Meas** 1984 Aug;5(3):171-83

Holter monitoring in the management of cardiac arrhythmias in children. Rees AH, et al. **Compr Ther** 1985 Mar; 11(3):11-6

Computerized detection of low-level fetal signals in the maternal abdominal electrocardiogram. Saini VD, et al. **Comput Biol Med** 1985;15(2):81-93

A new parametric frequency-wavenumber spectrum estimation algorithm and its application to the analysis of 3-dimensional epicardial ECG signals. Raghuveer MR, et al. **Comput Methods Programs Biomed** 1985 Jul; 20(2):135-49

Continuous ambulatory electrocardiography in healthy adult subjects over a 24-hour period. Clinical data, and evaluation of instruments for ambulatory electrocardiography. Bjerregaard P. **Dan Med Bull** 1984 Aug;31(4):283-97 (98 ref.)

Esophageal ECG recording—a valuable diagnostic tool in dual chamber pacing. Brandt J, et al. **Eur Heart J** 1985 Apr;6(4):342-8

A survey of patients selected by general practitioners for home care of suspected myocardial infarction: arrhythmia detection using Holter monitoring. Brown AK, et al. **Eur Heart J** 1985 Jan;6(1):13-20

Ambulatory 24 hour ECG in patients with a history of syncope. A retrospective follow-up study over 2 years. Hysing J, et al. **Eur Heart J** 1985 Feb;6(2):120-2

Delayed ventricular depolarization—correlation with ventricular activation and relevance to ventricular fibrillation in acute myocardial infarction. Kertes PJ, et al. **Eur Heart J** 1984 Dec;5(12):974-83

Five-year follow-up of 101 elderly subjects by means of long-term ambulatory cardiac monitoring. Martin A, et al. **Eur Heart J** 1984 Jul;5(7):592-6

The entry ECG in the early diagnosis and prognostic stratification of patients with suspected acute myocardial infarction. Yusuf S, et al. **Eur Heart J** 1984 Sep;5(9):690-6

Amplitude distribution in the right ventricle. Ham HR, et al. **Eur J Nucl Med** 1985;10(1-2):75-6

Assessment and treatment of life-threatening ventricular arrhythmias: the role of programmed electrical stimulation, intraoperative mapping, and endocardial resection. Summers C, et al. **Heart Lung** 1985 Mar;14(2):130-41

R-wave detection in the presence of muscle artifacts. De Vel OY. **IEEE Trans Biomed Eng** 1984 Nov;31(11):715-7

Automated analysis of rodent three-channel electrocardiograms and vectorcardiograms. Le HT, et al. **IEEE Trans Biomed Eng** 1985 Jan;32(1):43-50

A real-time QRS detection algorithm. Pan J, et al. **IEEE Trans Biomed Eng** 1985 Mar;32(3):230-6

A comparison of finite element and integral equation formulations for the calculation of electrocardiographic potentials. Pilkington TC, et al. **IEEE Trans Biomed Eng** 1985 Feb;32(2):166-73

Estimation of QRS complex power spectra for design of a QRS filter. Thakor NV, et al. **IEEE Trans Biomed Eng** 1984 Nov;31(11):702-6

Near-optimal signal preprocessor for positive cardiac arrhythmia identification. Tremblay G, et al. **IEEE Trans Biomed Eng** 1985 Feb;32(2):141-51

Data reduction of body surface potential maps by means of orthogonal expansions. Uijen GJ, et al. **IEEE Trans Biomed Eng** 1984 Nov;31(11):706-14

Use of the finite element method to determine epicardial from body surface potentials under a realistic torso model. Yamashita Y, et al. **IEEE Trans Biomed Eng** 1984 Sep; 31(9):611-21

Mexiletine in ventricular arrhythmias—an assessment by 24 hours holter monitoring. Gambhir DS, et al. **Indian Heart J** 1984 May-Jun;36(3):142-6

Corrected QT interval (QTc) and its relationship with fatal ventricular tachyarrhythmias and sudden death in acute myocardial infarction. Gupta PR, et al. **Indian Heart J** 1984 May-Jun;36(3):166-8

Diagnostic utility of epicardial atrial wires after open heart surgery. Kumar P, et al. **Indian Heart J** 1984 Jul-Aug; 36(4):231-4

Measurement of electrical axis of heart: a new approach. Saiyed HN. **Indian Heart J** 1984 Jul-Aug;36(4):260-4

The electrocardiogram and coronary artery spasm. Feldman RL. **Int J Cardiol** 1984 Sep;6(3):400-3

On-line epicardial mapping of intraoperative ventricular arrhythmias: initial clinical experience. Downar E, et al. **J Am Coll Cardiol** 1984 Oct;4(4):703-14

Q/R ratio in lead a VR—diagnostic of RVH of chronic cor pulmonale. Mittal SR, et al. **J Assoc Physicians India** 1984 May;32(5):430-1

Time course alterations of QTC interval due to hypaque 76. Amidi M, et al. **J Electrocardiol** 1985 Jan;18(1):51-4

The Brody effect and change of volume of the heart. Amoore JN. **J Electrocardiol** 1985 Jan;18(1):71-5

Holter ECG study of the electrocardiographic phenomena in Prinzmetal angina attacks with emphasis on the study of ventricular arrhythmias. Bayes de Luna A, et al. **J Electrocardiol** 1985 Jul;18(3):267-75

Electrocardiographic and vectorcardiographic study of interatrial conduction disturbances with left atrial retrograde activation. Bayes de Luna A, et al. **J Electrocardiol** 1985 Jan;18(1):1-13

Dilated cardiomyopathy: utility of the transverse: frontal plane QRS voltage ratio. Goldberger AL, et al. **J Electrocardiol** 1985 Jan;18(1):35-40

A quantitative method for the localization of the ventricular pre-excitation area in the Wolff-Parkinson-White syndrome using singular value decomposition of body surface potentials. Groenewegen AS, et al. **J Electrocardiol** 1985 Apr;18(2):157-67

Electrocardiographic criteria for differentiating aberrancy and ventricular extrasystole in chronic atrial fibrillation: validation by intracardiac recordings. Gulamhusein S, et al. **J Electrocardiol** 1985 Jan;18(1):41-50

Application of the single moving dipole inverse solution to the study of the Wolff-Parkinson-White syndrome in man. Gulrajani RM, et al. **J Electrocardiol** 1984 Jul;17(3):271-87

Qualitative and quantitative evaluation of the exercise electrocardiogram in assessing the degree of coronary heart disease. Hajduczki I, et al. **J Electrocardiol** 1985 Jan; 18(1):55-62

Potentiating effects of a ventricular premature beat on the alternation of the ST-T complex of epicardial electrograms and the incidence of ventricular arrhythmias during acute coronary occlusion in dogs. Hashimoto H, et al. **J Electrocardiol** 1984 Jul;17(3):289-301

Ventricular arrhythmias following one-stage and two-stage coronary reperfusion: evidence for both reentry and enhanced automaticity. Kabell G, et al. **J Electrocardiol** 1985 Jan;18(1):87-96

Automatic identification of late potentials. Karbenn U, et al. **J Electrocardiol** 1985 Apr;18(2):123-34

Normal variations in body surface electrocardiographic potential distributions during QRS: effects of exercise and exercise training. Miller WT, et al. **J Electrocardiol** 1985 Jul;18(3):239-50

Ability of standard ECG parameters to detect the body surface isopotential abnormalities of pacing induced myocardial ischemia in the dog. Mirvis DM. **J Electrocardiol** 1985 Jan;18(1):77-85

Temporal evolution of body surface map patterns following acute inferior myocardial infarction. Montague TJ, et al. **J Electrocardiol** 1984 Oct;17(4):319-27

Localization of cardiac ectopic activity in man by a single moving dipole. Comparison of different computation techniques. Savard P, et al. **J Electrocardiol** 1985 Jul; 18(3):211-21

Epicardial isopotential mapping from body surface isopotential mapping in myocardial infarction. Toyama S, et al. **J Electrocardiol** 1985 Jul;18(3):277-85

Overdrive excitation and cellular calcium load in canine cardiac Purkinje fibers. Valenzuela F, et al. **J Electrocardiol** 1985 Jan;18(1):21-33

Non-transmural infarction: clinical distinction between patients with ST depression and those with T wave inversion. Varat MA. **J Electrocardiol** 1985 Jan;18(1):15-20

Effect of higenamine on action potential of ventricular myocardial cells. Yu GR, et al. **J Electrocardiol** 1985 Jan; 18(1):97-103

The circular reference system revisited. Zao ZZ. **J Electrocardiol** 1984 Jul;17(3):313-7

EKG of the month. Marked left axis deviation; complete right bundle branch block; anteroseptal myocardial infarction, age undetermined. Martinez-Lopez JI. **J La State Med Soc** 1984 Nov;136(11):8, 11-2

Effects of lung volume on body surface electrocardiogram. Isointegral analysis of body surface maps in patients with chronic pulmonary emphysema. Ikeda K, et al. **Jpn Circ J** 1985 Mar;49(3):284-91

Evaluation of antiarrhythmic drug efficacy using holter electrocardiographic technique. Tanabe T, et al. **Jpn Circ J** 1985 Mar;49(3):337-44

Electrocardiography with a naso-oesophageal tube [letter] Higgins RM. **Lancet** 1985 Aug 24;2(8452):446

Electrocardiographic patterns resulting from improper connections of the right leg (ground) cable. Castellanos A, et al. **PACE** 1985 May;8(3 Pt 1):364-8

Late potentials and arrhythmogenesis. el-Sherif N, et al. **PACE** 1985 May;8(3 Pt 1):440-62

Measurement of R wave amplitude in treadmill exercise tests—simplified method and its clinical application. Hsu TS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Oct; 83(10):986-95

Holter monitoring—its clinical and insurance applications. Berlinerblau R. **Trans Assoc Life Insur Med Dir Am** 1984; 66:18-24 (7 ref.)

[Deformations in the shape of the P wave—the frequency of the double-peak P wave in healthy persons and patients with atrial loading (studied with ECG and orthogonal ECG systems)] Pelov R. **Vutr Boles** 1985;24(3):77-82 (Bul)

[Electrical positions of the heart and its variants in orthogonal electrocardiographic systems] Popiliev I. **Vutr Boles** 1984; 23(4):57-64 (Eng. Abstr.) (Bul)

[Recording of human sinus node electrograms] Li YG. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1985 Mar; 13(1):38-9 (Chi)

[Epicardial mapping in 26 cases] Ma DZ. **Chung Hua I Hsueh Tsa Chih** 1984 Jun;64(6):351-6 (Eng. Abstr.) (Chi)

[Invasive electrophysiologic methods in the diagnosis of sick sinus syndrome] Cihalík C, et al. **Vnitr Lek** 1984 Sep; 30(9):849-54 (Eng. Abstr.) (Cze)

[Incidence and significance of ventricular extrasystoles in normal subjects] De Backer G. **Verh K Acad Geneeskd Belg** 1984;46(2):137-60 (Eng. Abstr.) (Dut)

[Is computer-assisted ECG analysis useful?] Jokinen Y. **Duodecim** 1984;100(21):1352-4 (Fin)

[Ambulatory recording of ECG and blood pressure] Uusitalo A. **Duodecim** 1984;100(21):1394-402 (Fin)

[Dispersion of auricular refractory periods. Role of the intensity of the stimulation current] Chauvin M, et al. **Ann Cardiol Angeiol (Paris)** 1985 Jun;34(6):405-7 (Eng. Abstr.) (Fre)

[Long-term prognosis of myocardial infarction. Value of Holter monitoring] Perrot B. **Ann Cardiol Angeiol (Paris)** 1985 May;34(5):323-8 (34 ref.) (Eng. Abstr.) (Fre)

[A new electrocardiographic technic: voluntary, sequential ambulatory recording] Blanc JJ, et al. **Arch Mal Coeur** 1985 Feb;78(2):266-70 (Eng. Abstr.) (Fre)

[Mapping of the cardiac electric activity. Applications to experimental surgery] d'Alché P, et al. **Arch Mal Coeur** 1984 Aug;77(8):969-77 (Eng. Abstr.) (Fre)

[Analysis of the electrical activity of the heart and computerization: digital criteria of right bundle-branch block] Timpone G, et al. **Arch Mal Coeur** 1985 Jul; 78(7):1029-36 (Eng. Abstr.) (Fre)

[Uselessness of Holter recording for the study of emboligenic cardiac arrhythmia after a cerebral ischemic accident of suspected emboligenic origin (letter)] Tonet JL, et al. **Presse Med** 1984 Dec 22;13(46):2814-5 (Fre)

[High-amplification electrocardiography of cardiac micropotentials] Varenne A. **Presse Med** 1984 Dec 8; 13(44):2675-7 (Fre)

[Analysis of the ST segment in long-term electrocardiography: has the method matured?] Bethge KP, et al. **Dtsch Med Wochenschr** 1985 Jun 28;110(26):1023-4 (Ger)

[St-segment analysis in long-term electrocardiography] von Arnim T. **Dtsch Med Wochenschr** 1985 Jun 28; 110(26):1047-51 (72 ref.) (Ger)

[FBA and/or CTG: fetal blood analysis and/or cardiotocography] Hammacher K. **Geburtshilfe Frauenheilkd** 1984 Sep;44(9):608-10 (Eng. Abstr.) (Ger)

[Lowering the cesarean section rate by exclusion of cardiotocographically suspected acidosis using fetal blood gas analysis] Köppel R, et al. **Geburtshilfe Frauenheilkd** 1984 Sep;44(9):573-5 (Eng. Abstr.) (Ger)

[Cardiotocography with or without fetal blood analysis] Saling E. **Geburtshilfe Frauenheilkd** 1985 Mar;45(3):190-3 (Eng. Abstr.) (Ger)

[ST vector changes in ischemic heart diseases: studies in China (letter)] Wang ZC. **Herz** 1984 Oct;9(5):suppl 29 (Ger)

[Sudden heart death in idiopathic dilated cardiomyopathy—documentation in the 24-hour long-term ECG] Hofmann T, et al. **Internist (Berlin)** 1984 Aug; 25(8):510-3 (Ger)

[To what extent do indications for or questioning of the 24-hour ECG in ambulatory practice correlate with established ECG findings?] Viollier EH, et al. **Schweiz Med Wochenschr** 1985 Mar 9;115(10):346-9 (Eng. Abstr.) (Ger)

[Prognostic value of the late potentials of ventricular activation in coronary disease] Zimmermann M, et al. **Schweiz Med Wochenschr** 1984 Nov 10;114(45):1611-4 (Eng. Abstr.) (Ger)

[Recommendations for the evaluation and interpretation of electrocardiograms of adolescents and adults. Brief programmed course. 12. Partial program IV: Ischemia and infarct diagnosis. 2: Detection and exclusion of infarct signs (A)] Assmann I, et al. **Z Arztl Fortbild (Jena)** 1985; 79(1):45-8 (Ger)

[Recommendations for the evaluation and interpretation of the electrocardiogram of adolescents and adults. Brief programmed course. 13: Partial program IV: Ischemia and infarct diagnosis. 3: Detection and elimination of infarct signs (B)] Assmann I, et al. **Z Arztl Fortbild (Jena)** 1985; 79(2):83-7 (Ger)

[Recommendations for the evaluation and assessment of the electrocardiogram of adolescents and adults. Short programmed course. 15. Partial program IV A: Detection and typing of artifacts] Mücke D, et al. **Z Arztl Fortbild (Jena)** 1985;79(6):263-9 (Ger)

[Recommendations for the evaluation and assessment of electrocardiograms of adolescents and adults. Short programmed course. 16. Partial program V: Interpretation, correlation and documentation] Mücke D, et al. **Z Arztl Fortbild (Jena)** 1985;79(9):395–401 (Ger)

[Recommendations on the evaluation and assessment of the electrocardiogram in adolescents and adults. Brief programmed course. 11. Partial program IV/1: Detection and exclusion of signs of ischemia] Pries W, et al. **Z Arztl Fortbild (Jena)** 1984;78(21):909–14 (Ger)

[Possibilities of ECG recording in emergency medical care conditions] Rosenstock G, et al. **Z Arztl Fortbild (Jena)** 1984;78(15):627–8 (Ger)

[Value of mechanocardiographic parameters in comparison to radiocardiography in cardiologic diagnosis and therapy control] Bartuschka B, et al. **Z Gesamte Inn Med** 1984 Nov 1;39(21):523–7 (Eng. Abstr.) (Ger)

[Experiences in quantitative electrocardiographic evaluation of cardiovascular risk patients using new ischemia criteria in occupational medicine] Hölscher U, et al. **Z Gesamte Inn Med** 1985 Feb 1;40(3):69–72 (Eng. Abstr.) (Ger)

[Comparison between classical ECG and ST mapping] Kehl K. **Z Gesamte Inn Med** 1985 Mar 1;40(5):137–42 (Eng. Abstr.) (Ger)

[Hybrid ECG and its clinical significance for the detection of coronary heart disease] Semmler H, et al. **Z Gesamte Inn Med** 1985 Jan 1;40(1):8–12 (Eng. Abstr.) (Ger)

[Significance of precordial ST segment depressions in acute inferior infarct—correlation with coronary angiography and ventriculography findings in the acute infarct phase] Blanke H, et al. **Z Kardiol** 1985 Mar;74(3):152–6 (Eng. Abstr.) (Ger)

[Relation between electrocardiography and coronary angiography findings in the infarct stage] Blanke H, et al. **Z Kardiol** 1985 Mar;74(3):157–64 (Eng. Abstr.) (Ger)

[Detection of regional hypertrophy in hypertrophic cardiomyopathy with ECG triggered nuclear magnetic resonance tomography—comparison with hypertensive patients and persons with healthy hearts] Schneider R, et al. **Z Kardiol** 1985 Mar;74(3):144–51 (Eng. Abstr.) (Ger)

[Cardiotocography practice 6] Bellée H. **Zentralbl Gynakol** 1984;106(10):700–1 (Ger)

[Sudden death during Holter monitoring] Eshchar Y, et al. **Harefuah** 1984 Nov 1;107(9):236–8 (Eng. Abstr.) (Heb)

[Normal profile of Holter's dynamic electrocardiographic monitoring. Preliminary contribution in a group of 80 healthy young subjects] Germanò G, et al. **Boll Soc Ital Cardiol** 1983 Nov;28(11):925–35 (Eng. Abstr.) (Ita)

[Diagnosis of sinoatrial dysfunction by dynamic electrocardiography] Mastrocola C, et al. **Cardiologia** 1983 Dec;28(12):999–1005 (Eng. Abstr.) (Ita)

[Usefulness of high resolution signal averaging electrocardiography] Adinolfi L, et al. **Minerva Cardioangiol** 1984 Sep;32(9):545–54 (Eng. Abstr.) (Ita)

[An ECG forward solution by the boundary element method] Aoki M, et al. **Iyodenshi To Seitai Kogaku** 1984 Sep; 22(5):318–23 (Eng. Abstr.) (Jpn)

[Simulation of surface potential distribution on the human torso] Yagi H, et al. **Iyodenshi To Seitai Kogaku** 1984 Jun; 22(3):199–202 (Eng. Abstr.) (Jpn)

[Clinical application of body surface mapping and its limitations] Hayashi H, et al. **J Cardiogr** 1984;14 Suppl 3:41–9 (Eng. Abstr.) (Jpn)

[Identification of the original site of ventricular premature beats in patients without underlying cardiac disease by body surface mapping] Hayashi H, et al. **Nippon Naika Gakkai Zasshi** 1984 Jun;73(6):807–16 (Jpn)

[Diagnosis of arrhythmia. b. Diagnosis by body surface (His bundle potentials, 'late potentials') mapping and Holter electrocardiography] Hirai M, et al. **Nippon Rinsho** 1984 Dec;42(12):2687–92 (23 ref.) (Jpn)

[Relation between ventricular premature contraction frequency and heart rate and analysis of antiarrhythmic effects of calcium channel blockers] Ito M, et al. **Rinsho Byori** 1985 Jan;33(1):33–42 (Jpn)

[Evaluation of the cardiac function by a computer system] Watanabe T, et al. **Rinsho Byori** 1984 Dec;32(12):1312–21 (Jpn)

[Value of standard electrocardiographic examination and different periods of ECG recording by the Holter method in the diagnosis of ventricular premature beats] Sadowski Z, et al. **Kardiol Pol** 1984;27(8):653–8 (Eng. Abstr.) (Pol)

[Use of differential methods for analyzing electrocardiograms in the diagnosis of supraventricular arrhythmia] Bredikis Iulu, et al. **Kardiologiia** 1985 Mar;25(3):92–8 (Eng. Abstr.) (Rus)

[Basis for the discreteness of delay and frequency in diagnostic cardiostimulation] Dubrovskiĭ IA, et al. **Kardiologiia** 1984 Dec;24(12):73–9 (Eng. Abstr.) (Rus)

[Method of transesophageal electrostimulation of the ventricles in clinical practice] Rimsha ED, et al. **Kardiologiia** 1984 Dec;24(12):22–7 (Eng. Abstr.) (Rus)

[Relation between intra-atrial conduction and disorders of sinoatrial, atrioventricular and intraventricular conduction (according to selectively intensified ECG findings)] Rugenius Iulu, et al. **Kardiologiia** 1984 Dec;24(12):44–8 (Eng. Abstr.) (Rus)

[Evaluation of the chronotopography of cardiac excitation by means of epicardial electrocardiotopograms] Smol'iakov AF, et al. **Kardiologiia** 1984 Dec;24(12):48–51 (Eng. Abstr.) (Rus)

[Determination of the necrotic mass in inferior myocardial infarct by standard electrocardiography] Vinogradov AV, et al. **Kardiologiia** 1985 Apr;25(4):25–8 (Eng. Abstr.) (Rus)

[Special system of electrocardiographic leads for the diagnosis of focal myocardial changes] Zubarev MA. **Kardiologiia** 1984 Oct;24(10):103–5 (Rus)

[Diagnosis of coronary artery lesions during the exercise test according to electrocardiotopographic data in patients with ischemic heart disease] Ianovskiĭ GV, et al. **Ter Arkh** 1984; 56(8):17–20 (Eng. Abstr.) (Rus)

[Electrocardiographic methods in the diagnosis of focal cicatricial lesions of the myocardium in dilated cardiomyopathy] Riabykina GV, et al. **Ter Arkh** 1985; 57(4):42–8 (Eng. Abstr.) (Rus)

[Value of precardial electrocardiotopography in the diagnosis of focal dystrophy and microfocal myocardial infarct] Gvatua NA, et al. **Vrach Delo** 1984 Dec;(12):50–3 (Eng. Abstr.) (Rus)

[Recording of surface isopotential mapping in rabbits] Bernadič M, et al. **Bratisl Lek Listy** 1984 Aug;82(2):973–82 (Eng. Abstr.) (Slo)

[Recording the electrical field of the heart using symbolic maps] Slavkovský P, et al. **Bratisl Lek Listy** 1985 May; 83(5):530–42 (Eng. Abstr.) (Slo)

[News in electrocardiographic diagnosis] Cagáň S. **Vnitr Lek** 1985 Apr;31(4):360–5 (Eng. Abstr.) (Slo)

[Evidence of biorhythmic organization of the fetal heart rate. Technic of prolonged electrocardiographic recording] Ugartechea JC, et al. **Ginecol Obstet Mex** 1984 Apr; 52(324):81–8 (Eng. Abstr.) (Spa)

[Reliability of the automatic detection of ventricular arrhythmias with the 'real time' Holter system] Sánchez Domínguez J, et al. **Rev Clin Esp** 1984 Oct 15;175(1):13–6 (Eng. Abstr.) (Spa)

STANDARDS

Influence of R-wave amplitude on exercise-induced ST depression: need for a 'gain factor' correction when interpreting stress electrocardiograms. Hollenberg M, et al. **Am J Cardiol** 1985 Jul 1;56(1):13–7

A case of artifactual S-T depression [letter] Mantia AM. **Anesthesiology** 1985 Feb;62(2):207–8

Do we need a new standard for electrocardiographs? [editorial] Gold RG. **Br Heart J** 1985 Aug;54(2):119–20

Recommendations for standards of instrumentation and practive in the use of ambulatory electrocardiography. The Task Force of the Committee on Electrocardiography and Cardiac Electrophysiology of the Council on Clinical Cardiology. Sheffield LT, et al. **Circulation** 1985 Mar; 71(3):626A–636A

AHA special report. Recommendations for standards of instrumentation and practice in the use of ambulatory electrocardiography. The Task Force of the Committee on Electrocardiography and Cardiac Electrophysiology of the Council on Clinical Cardiology. Sheffield LT, et al. **Circulation** 1985 Mar;71(3):626A–636A

Assessment of the performance of electrocardiographic computer programs with the use of a reference data base. Willems JL, et al. **Circulation** 1985 Mar;71(3):523–34

Unreliability of conventional visual electrocardiographic monitoring for detection of transient ST segment changes in a coronary care unit. Biagini A, et al. **Eur Heart J** 1984 Oct;5(10):784–91

New electrocardiographic criteria for inferior myocardial infarction. Feneley MP, et al. **Eur Heart J** 1984 Oct; 5(10):806–13

Microprocessor-controlled signal generator for the functional testing of electrocardiographs. Evans AL, et al. **Med Biol Eng Comput** 1984 Sep;22(5):468–70

Who is qualified to interpret electrocardiograms? Blake TM. **South Med J** 1985 Apr;78(4):368–70

VETERINARY

Equine electrocardiography: some practical hints on technique. Holmes JR. **Equine Vet J** 1984 Sep;16(5):477–9

Effect of change in limb position on mean electrical axis and amplitudes of QRS complex of rat electrocardiogram. Reddy LP, et al. **Indian J Physiol Pharmacol** 1984 Jan–Mar; 28(1):27–34

Electrocardiograms of American river otters (Lutra canadensis) during immobilization. Hoover JP. **J Wildl Dis** 1985 Jul;21(3):331–4

The electrocardiogram of normal ferrets and ferrets with right ventricular hypertrophy. Smith SH, et al. **Lab Anim Sci** 1985 Jun;35(3):268–71

Electrocardiogram of the racing pigeon (Columba livia domestica). Lumeij JT, et al. **Res Vet Sci** 1985 May; 38(3):275–8

Beat-to-beat variability in QRS potentials recorded with an orthogonal lead system in horses with second degree partial A–V block. Miller PJ, et al. **Res Vet Sci** 1984 Nov; 37(3):334–8

Electrocardiographical values in non-trained horses. Costa G, et al. **Zentralbl Veterinarmed [A]** 1985 Mar;32(3):196–201

[Changes in the ECG telemetry of lambs infected with Cysticercus ovis] Kostov I, et al. **Vet Med Nauki** 1985; 22(6):56–61 (Eng. Abstr.) (Bul)

[Electrocardiography in the horse (1). Principles and normal picture] Tschudi P. **Tierarztl Prax** 1985;13(2):181–9 (Eng. Abstr.) (Ger)

ELECTROCHEMISTRY

Analysis of chronocoulometric data and determination of surface concentrations. Rusling JF, et al. **Anal Chem** 1984 Oct;56(12):2147–53

Electrochemical luminescence-based homogeneous immunoassay. Ikariyama Y, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):987–92

Endogenous platelet serotonin release monitored during aggregation by means of a new electrochemical technique. Marcenac F, et al. **Biochim Biophys Acta** 1985 Jul 5; 840(3):377–82

Simultaneous voltammetric and chemical monitoring of dopamine release in situ. Rice ME, et al. **Brain Res** 1985 Aug 5;340(1):151–5

Topological properties of the molecular electrostatic potential as a tool for prediction of biological activity. Turi Nagy L, et al. **Gen Physiol Biophys** 1984 Aug;3(4):339–45

The electrochemical H+ gradient in the yeast Rhodotorula glutinis. Höfer M, et al. **J Bioenerg Biomembr** 1985 Jun; 17(3):175–82

Quantitation of plasma catecholamines by on-line trace enrichment high performance liquid chromatography with electrochemical detection. Kilts CD, et al. **J Neurosci Methods** 1984 Sep;11(4):257–73

Electronegativity and hardness as coordinates in structure stability diagrams. Shankar S, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):264–6

Calculations of electrostatic interactions in biological systems and in solutions. Warshel A, et al. **Q Rev Biophys** 1984 Aug;17(3):283–422 (204 ref.)

[Stereoelectronic effects in organic and bio-organic chemistry. 2. Examples from bio-organic chemistry] Pindur U. **Pharm Unserer Zeit** 1985 May;14(3):85–9 (Ger)

[Fast physiochemical methods for the detection of bacteria in the urine] Strassburger J, et al. **Z Urol Nephrol** 1984 Jul;77(7):415–9 (Eng. Abstr.) (Ger)

INSTRUMENTATION

Electrochemical sensors in clinical chemistry: yesterday, today, tomorrow. Czaban JD. **Anal Chem** 1985 Feb; 57(2):345A–356A

Vacuum-tight thin-layer spectroelectrochemical cell with a doublet platinum gauze working electrode. Lin XQ, et al. **Anal Chem** 1985 Jun;57(7):1498–501

Noise and signal-to-noise ratio in electrochemical detectors. Morgan DM, et al. **Anal Chem** 1984 Nov;56(13):2560–7

Thin-layer electrochemical detector with a glassy carbon electrode coated with a base-hydrolyzed cellulosic film. Wang J, et al. **Anal Chem** 1985 Jul;57(8):1536–41

Improved on-line stripping voltammetry using a large volume wall-jet detector. Wang J, et al. **Anal Chem** 1985 Jul;57(8):1776–8

Estimation of arterial oxygen and carbon dioxide tensions by a single transcutaneous sensor. Whitehead MD, et al. **Arch Dis Child** 1985 Apr;60(4):356–9

[Automatic electrochemical uric acid determination with the flow-through cell] Bertermann K, et al. **Z Med Lab Diagn** 1985;26(1):46–7 (Ger)

[Determination of blood iron using an electrochemical detector: comparison of methods and study of normal values in children] Astori L. **Quad Sclavo Diagn** 1984 Sep; 20(3):314–24 (Eng. Abstr.) (Ita)

METHODS

Diffusion from an injected volume of a substance in brain tissue with arbitrary volume fraction and tortuosity. Nicholson C. **Brain Res** 1985 May 6;333(2):325–9

An improved differential pulse voltammetry technique allows the simultaneous analysis of dopaminergic and serotonergic activities in vivo with a single carbon-fibre electrode. Crespi F, et al. **Neurosci Lett** 1984 Nov 23;52(1–2):159–64

Simultaneous monitoring of voltammetric and ion-selective electrodes in mammalian brain. Nagy G, et al. **Neurosci Lett** 1985 Apr 9;55(2):119–24

ELECTROCOAGULATION

Endoscopic electrocoagulation of major bleeding from peptic ulcer. Wara P. **Acta Chir Scand** 1985;151(1):29–35

Cytologic phenomena accompanying uterine cervix electrocoagulation. Bukovský A, et al. **Acta Cytol (Baltimore)** 1985 May–Jun;29(3):353–62

Supravaginal uterine amputation with peroperative electrocoagulation of endocervical mucosa. Description of the method. Kilkku P, et al. **Acta Obstet Gynecol Scand** 1985;64(2):175–7

A method of inducing chronic gastric and duodenal ulcer by electrocoagulation in rats. Malecki I. **Acta Physiol Pol** 1983 Sep–Dec;34(5–6):531–7

Update on upper gastrointestinal bleeding. Tobias R. **Ala J Med Sci** 1985 Jan;22(1):57–60 (13 ref.)

Complete atrioventricular block in dogs—compensation or decompensation. Beazell JW, et al. **Am J Pathol** 1984 Oct; 117(1):154–7

Percutaneous cervical cordotomy: results and complications in a recent series of 100 patients. Lahuerta J, et al. **Ann R Coll Surg Engl** 1985 Jan;67(1):41–4

Diathermy-induced loss of DDD pacemaker identity [letter] Bourke J, et al. **Ann Thorac Surg** 1985 Jul;40(1):97

Failure of curettage and electrodesiccation for removal of basal cell carcinoma. Suhge d'Aubermont PC, et al. **Arch Dermatol** 1984 Nov;120(11):1456–60

The effect of electro-cutting and diathermy coagulation on wound healing in gynecological surgery. Nayel SA, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):65–7

Fulguration versus resection of experimental endometrial peritoneal implants in the rat. Golan A, et al. **Aust NZ J Obstet Gynaecol** 1984 Nov;24(4):286–8

The management of cervical intraepithelial neoplasia by coagulation electrodiathermy. Woodman CB, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):751–5

A controlled trial of bipolar electrocoagulation in patients with upper gastrointestinal bleeding. Kernohan RM, et al. **Br J Surg** 1984 Nov;71(11):889–91

Gas explosion during diathermy colotomy. Shinagawa N, et al. **Br J Surg** 1985 Apr;72(4):306

Palliative and curative electrocoagulation for rectal cancer. Experience and results. Hoekstra HJ, et al. **Cancer** 1985 Jan 1;55(1):210–3

Reaction of bone marrow after cryo- and thermolesions on internal organs. Helpap B, et al. **Cryobiology** 1985 Apr;22(2):168–74

Colonic mucosal lesions: evaluation of monopolar electrocautery, argon laser, and neodymium: YAG laser. Hunter JG, et al. **Curr Surg** 1984 Sep–Oct;41(5):373–5

Endoscopic diathermy incision in the treatment of stoma obstruction after gastroplasty for obesity. Frøyen J, et al. **Endoscopy** 1985 May;17(3):91–3

Endoscopic treatment of scar stenosis in the upper GI tract. Groitl H. **Endoscopy** 1984 Sep;16(5):168–70

Undenuded invasive cervical carcinomas erroneously treated by cauterization. Kishi K, et al. **Eur J Gynaecol Oncol** 1985;6(2):109–14

Bipolar tubal cautery failures [letter] **Fertil Steril** 1985 Jun;43(6):943–7

Endoscopic sphincterotomy in patients with Billroth II partial gastrectomy: comparison of three different techniques. Bedogni G, et al. **Gastrointest Endosc** 1984 Oct;30(5):300–4

Comparison of heater probe and YAG laser in endoscopic treatment of major bleeding from peptic ulcers. Johnston JH, et al. **Gastrointest Endosc** 1985 Jun;31(3):175–80

The electrocoagulation forceps is ideal for the diagnosis and management of small vascular abnormalities of the cecal area [editorial] Rogers BH. **Gastrointest Endosc** 1985 Jun;31(3):222–4

Endoscopic hemostasis: coaptive heating versus laser photocoagulation [editorial] Silverstein F. **Gastrointest Endosc** 1985 Aug;31(4):287–8

Interference from diathermy equipment during television recording of surgery. Scroggie IP. **J Audiov Media Med** 1985 Jul;8(3):99–100

Vasectomy by electrocautery: outcomes in a series of 2,500 patients. Denniston GC. **J Fam Pract** 1985 Jul;21(1):35–40

Comparison of endoscopic diathermy and resection in the surgical treatment of pharyngeal diverticula. Welch AR, et al. **J Laryngol Otol** 1985 Feb;99(2):179–82

Comparison of the effect of the carbon dioxide laser and the bipolar coagulator on the cat brain. Cozzens JW, et al. **Neurosurgery** 1985 Apr;16(4):449–53

Microwave tissue coagulation for the treatment of advanced inoperable sarcoma. Shoji S, et al. **Nippon Geka Hokan** 1984 Nov 1;53(6):786–93

Coaxial radio frequency (RF) diathermy in anterior segment surgery. Savage JA, et al. **Ophthalmic Surg** 1985 May;16(5):333–6

Submucosal diathermy of the inferior turbinate and the congested nose. von Haacke NP, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(4):189–93

A surgical alternative to internal maxillary artery ligation for posterior epistaxis. Anderson RG, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):427–33

Successful electrocoagulation of an internal mammary artery in a child. Brunelle F, et al. **Pediatr Radiol** 1985;15(4):251–2

Sphincter preservation in patients with low rectal cancer treated with radiation therapy with or without local excision or fulguration. Rich TA, et al. **Radiology** 1985 Aug;156(2):527–31

Endoscopic control of major stress ulcer bleeding. Wara P. **Scand J Gastroenterol [Suppl]** 1984;105:101–3

[Electric cauterization combined with valve replacement for bacterial endocarditis: report of a case] Wang YS, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Jan;23(1):38–9, 63 (Eng. Abstr.) **(Chi)**

[Treatment of persistent ocular pain by radio-frequency current in thermocoagulation] Gao YQ. **Chung Hua Yen Ko Tsa Chih** 1984 Sep;20(5):299–301 **(Chi)**

[Endoscopic electrocoagulation for upper gastrointestinal hemorrhage] Wu KL, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Jan;84(1):113–6 (Eng. Abstr.) **(Chi)**

[Early and later experience with retrogasserian thermolesion] Plas J, et al. **Cas Lek Cesk** 1985 Mar 1;124(9):266–9 (Eng. Abstr.) **(Cze)**

[Endocavitary electrocautery of a right anterior bundle of Kent] Clémenty J, et al. **Ann Cardiol Angeiol (Paris)** 1985 Jun;34(6):413–6 (Eng. Abstr.) **(Fre)**

[Endocavitary His bundle fulguration in the treatment of resistant supraventricular arrhythmia] Clémenty J, et al. **Arch Mal Coeur** 1984 Dec;77(13):1551–8 (Eng. Abstr.) **(Fre)**

[Emergency treatment of chronic ventricular tachycardia after myocardial infarction by endocavitary fulguration] Fontaine G, et al. **Arch Mal Coeur** 1985 Jul;78(7):1037–43 (Eng. Abstr.) **(Fre)**

[Yag laser photocoagulation and monopolar electrohydrocoagulation: randomized study of the hemostatic effect on experimental hemorrhagic ulcer in dogs] Escourrou J, et al. **Gastroenterol Clin Biol** 1985 Mar;9(3):212–9 (Eng. Abstr.) **(Fre)**

[Diathermy and cryotherapy of the pars plana in the treatment of pars planitis. Long-term evaluation] Bonnet M, et al. **J Fr Ophtalmol** 1985;8(1):37–41 (Eng. Abstr.) **(Fre)**

[Results of percutaneous selective thermocoagulation of Gasser's ganglion in essential facial neuralgia. Synthesis of results obtained in 939 treated patients] Frank F, et al. **Neurochirurgie** 1985;31(3):179–82 (Eng. Abstr.) **(Fre)**

[Comparative study of the treatment of cervical dysplasias with the CO2 laser and electroresection with the diathermy loop] Boulanger JC, et al. **Rev Fr Gynecol Obstet** 1984 Dec;79(12):797–803 (Eng. Abstr.) **(Fre)**

[Treatment of facial neuralgia: apropos of 220 cases] Laporte A, et al. **Rev Laryngol Otol Rhinol (Bord)** 1985;106(1):11–5 (Eng. Abstr.) **(Fre)**

[Intravitreal neovascularizations following diathermy coagulation] Kirchhof B, et al. **Fortschr Ophthalmol** 1984;81(3):263–4 (Eng. Abstr.) **(Ger)**

[Thermal epithelial abrasion in iris prolapse of long duration following cataract extraction] Stefani F. **Fortschr Ophthalmol** 1985;82(3):265 (Eng. Abstr.) **(Ger)**

[Results of direct coagulation of the ciliary body and cyclodialysis in hemorrhagic glaucoma] Klein S, et al. **Klin Monatsbl Augenheilkd** 1984 Jul;185(1):53–4 (Eng. Abstr.) **(Ger)**

[Anesthetic problems and complications in the thermocoagulation of Gasser's ganglion] Panning B, et al. **Neurochirurgia (Stuttg)** 1985 Mar;28(2):61–3 (Eng. Abstr.) **(Ger)**

[Experimental studies of the incidence of metastases following the microwave coagulation therapy for malignant tumor] Yamaue H, et al. **Nippon Geka Hokan** 1984 Sep 1;53(5):662–6 (Eng. Abstr.) **(Jpn)**

[The role of mechanical stimuli in rat bladder carcinogenesis. Regenerative hyperplasia of rat urinary bladder urothelium after transurethral fulguration] Akaza H, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Oct;75(10):1583–7 (Eng. Abstr.) **(Jpn)**

[Laparoscopic tubal sterilization. Endothermy coagulation and cross-clipping] Storeide O, et al. **Tidsskr Nor Laegeforen** 1984 Aug 20;104(23):1544–5 (Eng. Abstr.) **(Nor)**

[Pregnancy and labor in women following surgical diathermy treatment of the vaginal portion of the cervix uteri] Shchipurzhitskaia ZI, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):66–9 (Eng. Abstr.) **(Rus)**

[Perforation of the rectum and sigmoid after electrocoagulation via a rectoscope] Svezhintsev AP, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):135–6 **(Rus)**

[Reparative changes in the wall of a tuberculous cavern following electrocoagulation] Kunichan AD, et al. **Probl Tuberk** 1985;(4):63–6 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Cardiovascular and cerebral complications during glossopharyngeal nerve thermocoagulation. Ori C, et al. **Anaesthesia** 1985 May;40(5):433–7

Surgical diathermy: a potential hazard. Waldron RP, et al. **Br J Clin Pract** 1984 Jul–Aug;38(7–8):283

Torsion of the fallopian tube following tubal sterilization by electrocoagulation via a laparoscope. Ottesen B, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 May;19(5):297–300

The influence of cryosurgery and electrocoagulation upon metastatic spread. Zonnevylle JA, et al. **J Surg Oncol** 1984 Oct;27(2):131–4

Resetting of DDD pacemaker due to EMI [letter] Levine PA. **PACE** 1984 Sep;7(5):925–6

[Postcoagulation iatropathology of the cervix uteri] Mendl V. **Cesk Gynekol** 1985 May;50(4):283–7 **(Cze)**

[Trigeminal neurotrophic ulceration after thermocoagulation of Gasser's ganglion: apropos of a case with involvement of 3 areas of the trigeminal nerve] Roger H, et al. **Ann Dermatol Venereol** 1985;112(4):359–62 **(Fre)**

[Intravesical explosion during endoscopic resection. Apropos of a case] Viville C, et al. **J Urol (Paris)** 1984;90(5):361–3 (Eng. Abstr.) **(Fre)**

[Legal issues in sterilization using tubal coagulation] Schlund GH. **Geburtshilfe Frauenheilkd** 1984 Oct;44(10):692–3 **(Ger)**

[Analysis of complications of the surgical treatment of retinal detachment] Andrzejewska W, et al. **Klin Oczna** 1984 Dec;86(12):533–5 (Eng. Abstr.) **(Pol)**

[Relation between preoperative factors and complications of surgical treatment of retinal detachment. 2. Postoperative complications] Bogacki S, et al. **Klin Oczna** 1984 Dec;86(12):540–2 (Eng. Abstr.) **(Pol)**

[Preoperative factors and complications of reoperation in retinal detachment] Bogacki S, et al. **Klin Oczna** 1984 Dec;86(12):543–5 (Eng. Abstr.) **(Pol)**

[Effect of postoperative complications on the durability of retinal apposition] Chrzanowska-Srzednicka K, et al. **Klin Oczna** 1984 Dec;86(12):567–9 (Eng. Abstr.) **(Pol)**

[Causes of failure of the surgical treatment of retinal detachment. Analysis of 100 cases] Starzycka M, et al. **Klin Oczna** 1984 May;86(5):205–7 (Eng. Abstr.) **(Pol)**

[Morbidity in tubal occlusion by laparoscopy] Castro Carvajal F, et al. **Ginecol Obstet Mex** 1984 Jan;52(321):19–22 (Eng. Abstr.) **(Spa)**

INSTRUMENTATION

Catheter for the electrocoagulation of bile duct stenosis. Sauerbruch T, et al. **Endoscopy** 1984 Nov;16(6):229–30

Evaluation report: surgical diathermy units. **J Med Eng Technol** 1984 Sep–Oct;8(5):230–2

Automatically controlled bipolar electrocoagulation—'COA-COMP'. Vällfors B, et al. **Neurosurg Rev** 1984;7(2–3):187–9

Bipolar intimal tacking device. Gross CE, et al. **Neurosurgery** 1984 Sep;15(3):387–90

A comparison of bipolar and monopolar diathermy probes in experimental animals. Ramsay JW, et al. **Urol Res** 1985;13(2):99–102

[Endocavitary electric shock. Problems related to equipment] Fontaine G, et al. **Arch Mal Coeur** 1984 Nov;77(12):1307–14 (Eng. Abstr.) **(Fre)**

[Capsulotomy with the diathermy scalpel (2)] Berger G. **Klin Monatsbl Augenheilkd** 1984 Aug;185(2):107–12 (Eng. Abstr.) **(Ger)**

[A basic and clinical study of internal biliary drainage by diathermic knife] Yoshida T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):137 **(Jpn)**

[The TO-01 ophthalmological thermometer for controlling the temperature of the sclera during diathermocoagulation] Mondelski S, et al. **Klin Oczna** 1985 Feb;87(2):83–4 (Eng. Abstr.) **(Pol)**

METHODS

Percutaneous radio frequency gangliolysis in the treatment of trigeminal neuralgia. Lahuerta J, et al. **Eur Neurol** 1985;24(4):272–5

Endoscopic bipolar electrocoagulation in massive upper gastrointestinal bleeding. Hajiro K, et al. **Gastroenterol Jpn** 1985 Feb;20(1):65–70

Electrohydrothermoprobe—a simple alternative to laser therapy in the management of acute gastrointestinal haemorrhage. Bate CM, et al. **Gut** 1985 May;26(5):477–80

Which electrode? A comparison of four endoscopic methods of electrocoagulation in experimental bleeding ulcers. Swain CP, et al. **Gut** 1984 Dec;25(12):1424–31

Treatment of basal cell epithelioma by curettage and electrodesiccation. Spiller WF, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):808–14

Head and neck and plastic surgery. A targeted problem and its solution. Cautery tonsillectomy—saves time. Hall GM. **Laryngoscope** 1984 Oct;94(10):1381–2

Theoretical aspects of radiofrequency lesions in the dorsal root entry zone. Cosman ER, et al. **Neurosurgery** 1984 Dec;15(6):945–50

Percutaneous radiofrequency upper thoracic sympathectomy: a new technique. Wilkinson HA. **Neurosurgery** 1984 Dec;15(6):811–4

Sequential electrocoagulation and resection for carcinoma of the rectum. Eisenberg HW. **Surg Gynecol Obstet** 1984 Nov;159(5):471–4

[Percutaneous controlled radiofrequency coagulothermotherapy of facial spasm] Huang S. **Chung Hua Wai Ko Tsa Chih** 1984 Jul;22(7):428–9, 446 (Eng. Abstr.) **(Chi)**

[Bipolar coagulation in surgical laparoscopy] Leš I, et al. **Cesk Gynekol** 1985 May;50(4):289–90 **(Cze)**

[Endocavitary fulguration. A new method of treating arrhythmia?] Fontaine G, et al. **Ann Cardiol Angeiol (Paris)** 1984 Dec;33(8):543–61 (Eng. Abstr.) **(Fre)**

[Retinopexy by endodiathermocoagulation] Furia M, et al. **J Fr Ophtalmol** 1984;7(5):413–7 (Eng. Abstr.) **(Fre)**

[Obliteration of the posterior holes and tears of the retina by endodiathermy after vitrectomy] Ruellan YM, et al. **J Fr Ophtalmol** 1984;7(12):807–12 (Eng. Abstr.) **(Fre)**

[Current neurosurgical treatment of facial neuralgia] Sindou M, et al. **Rev Laryngol Otol Rhinol (Bord)** 1985;106(1):19–24 (Eng. Abstr.) **(Fre)**

[Tissue changes following hot air jet coagulation of the brain—an animal experimental study] König HJ, et al. **Biomed Tech (Berlin)** 1985 May;30(5):99–102 (Eng. Abstr.) **(Ger)**

[Diascleral infrared coagulation of the retina?] Lund OE. **Fortschr Ophthalmol** 1984;81(5):472–3 (Eng. Abstr.) **(Ger)**

[Results of electrocoagulation of angiodysplasia of the colon] Heer M, et al. **Schweiz Rundsch Med Prax** 1984 Oct 30;73(44):1337–9 (Eng. Abstr.) **(Ger)**

[Atypical methods of endoscopic papillosphincterotomy] Balalykin AS, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):30–5 (Eng. Abstr.) **(Rus)**

[Female sterilization monitored by laparoscopy. Evaluation of 2 electrosurgical occlusive technics] Uribe Ramírez LC, et al. **Ginecol Obstet Mex** 1984 Feb;52(322):33–40 (Eng.

Abstr.) (Spa)

VETERINARY

Electrocoagulation as a method to induce local lesions in the tracheal wall of Syrian hamsters. Reuzel PG, et al. **Z Versuchstierkd** 1984;26(5):211-6

ELECTROCONVULSIVE THERAPY

see related
ELECTRONARCOSIS

Plasma pattern of adrenocorticotropin and cortisol during electroconvulsive therapy in patients with major depressive illness. Apéria B, et al. **Acta Psychiatr Scand** 1984 Oct;70(4):361-9

The relationship of concurrent benzodiazepine administration to seizure duration in ECT. Standish-Barry HM, et al. **Acta Psychiatr Scand** 1985 Mar;71(3):269-71

Case report of lateralized affective states immediately after ECT. Decina P, et al. **Am J Psychiatry** 1985 Jan;142(1):129-31

A 'gratuitous' conclusion on ECT [letter] Fink M. **Am J Psychiatry** 1985 Sep;142(9):1129-30

Use of ECT in California, 1977-1983. Kramer BA. **Am J Psychiatry** 1985 Oct;142(10):1190-2

ECT regulation and the two-tiered care system [letter] Walter-Ryan WG. **Am J Psychiatry** 1985 May;142(5):661-2

The use of electroconvulsive therapy in suicidal patients. Frankel FH. **Am J Psychother** 1984 Jul;38(3):384-91

Cardiovascular effects of electroconvulsive therapy in patients taking tricyclic antidepressants [letter] Azar I, et al. **Anesth Analg** 1984 Dec;63(12):1140

Monoamine oxidase inhibitors: should they be discontinued preoperatively? el-Ganzouri AR, et al. **Anesth Analg** 1985 Jun;64(6):592-6

Electroacupuncture and ECT [letter] Chang W. **Biol Psychiatry** 1984 Aug;19(8):1271-2

Electroacupuncture and electroconvulsive treatment [letter] Fink M. **Biol Psychiatry** 1985 Jul;20(7):817-8

ECT-responsive nonmelancholic depression associated with extreme concentrations of post-dexamethasone cortisol. Fogel BS. **Biol Psychiatry** 1984 Oct;19(10):1477-80

Serial monitoring of antidepressant response to electroconvulsive therapy with sleep EEG recordings and dexamethasone suppression tests. Grunhaus L, et al. **Biol Psychiatry** 1985 Jul;20(7):805-8

Hormone response to repeated electroconvulsive therapy: effects of naloxone. Haskett RF, et al. **Biol Psychiatry** 1985 Jun;20(6):623-33

Plasma catecholamines and ECT. Khan A, et al. **Biol Psychiatry** 1985 Jul;20(7):799-804

MHPG, ECT, and depression [letter] McDougle CJ, et al. **Biol Psychiatry** 1985 Aug;20(8):927

Use and misuse of electroconvulsive treatment. Ottosson JO. **Biol Psychiatry** 1985 Sep;20(9):933-46

Electroconvulsive therapy and schizophrenia. Van Valkenburg C, et al. **Biol Psychiatry** 1985 Jul;20(7):699-700

Dissociation of motor response from mood and cognition in a parkinsonian patient treated with ECT. Young RC, et al. **Biol Psychiatry** 1985 May;20(5):566-9

Leicester ECT trial: results in schizophrenia. Brandon S, et al. **Br J Psychiatry** 1985 Feb;146:177-83

ECT, dopamine and delusions [letter] Cooper SJ, et al. **Br J Psychiatry** 1984 Nov;145:555

Spontaneous seizures after ECT [letter] Daniel WF. **Br J Psychiatry** 1985 Jan;146:100-1

Perceptual learning with right unilateral versus bilateral electroconvulsive therapy. Daniel WF, et al. **Br J Psychiatry** 1984 Oct;145:394-400

The Nottingham ECT Study. A double-blind comparison of bilateral, unilateral and simulated ECT in depressive illness. Gregory S, et al. **Br J Psychiatry** 1985 May;146:520-4

Spontaneous second fit after ECT [letter] James A, et al. **Br J Psychiatry** 1984 Sep;145:337-8

Short-term cognitive effects of unilateral and bilateral ECT. Taylor MA, et al. **Br J Psychiatry** 1985 Mar;146:308-11

Electroconvulsive therapy: physiological and anaesthetic considerations. Marks RJ. **Can Anaesth Soc J** 1984 Sep;31(5):541-8

ECT as a form of restraint [letter] **Can J Psychiatry** 1984 Apr;29(3):282-4

Electroconvulsive therapy in a major teaching hospital: diagnoses and indications. Bland RC, et al. **Can J Psychiatry** 1985 Jun;30(4):288-92

ECT as a form of restraint [letter] Solyom L. **Can J Psychiatry** 1984 Nov;29(7):632-3

ECT in an acutely psychotic pregnant woman with actively aggressive (homicidal) impulses. Varan LR, et al. **Can J Psychiatry** 1985 Aug;30(5):363-7

Electroconvulsive therapy [letter] Finlayson R. **Can Med Assoc J** 1985 Jun 15;132(12):1349

Electroconvulsive therapy [letter] Ray I. **Can Med Assoc J** 1984 Nov 1;131(9):1016

Electroconvulsive therapy and the elderly. Burke WJ, et al. **Compr Psychiatry** 1985 Sep-Oct;26(5):480-6

Electroconvulsive therapy for schizophrenia in Ontario: a report on therapeutic polymorphism. Shugar G, et al. **Compr Psychiatry** 1984 Sep-Oct;25(5):509-20

Combined electroconvulsive and drug therapy. Barkai AI. **Compr Ther** 1985 Jul;11(7):48-53

Use of electroconvulsive therapy in a Nigerian hospital. Sijuwola OA. **East Afr Med J** 1985 Jan;62(1):60-4

Influence of ACTH 4-10 and unilateral ECT on primary and secondary memory in depressive patients. Frederiksen SO, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):291-4

The use of ECT in children: case report. Black DW, et al. **J Clin Psychiatry** 1985 Mar;46(3):98-9

Use of ECT in a depressed hypothyroid patient. Garrett MD. **J Clin Psychiatry** 1985 Feb;46(2):64-6

ECT: an assessment of mental health professionals' knowledge and attitudes. Janicak PG, et al. **J Clin Psychiatry** 1985 Jul;46(7):262-6

Electroconvulsive therapy: a survey of use in the private psychiatric hospital. Levy SD, et al. **J Clin Psychiatry** 1985 Apr;46(4):125-7

ECT: for whom is its use justifies? [editorial] Fink M. **J Clin Psychopharmacol** 1984 Dec;4(6):303-4

View from the nation's courts. Electroconvulsive therapy: no ban in Berkeley. Freishtat HW. **J Clin Psychopharmacol** 1985 Feb;5(1):52-3

Independence of recognition memory and priming effects: a neuropsychological analysis. Squire LR, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Jan;11(1):37-44

Cognitive style, cortical function, and electroconvulsive therapy. O'Connor KP, et al. **J Nerv Ment Dis** 1984 Dec;172(12):711-7

Selective disturbances of serum mineral profiles by electroconvulsive therapy. Papavasiliou PS, et al. **J Nerv Ment Dis** 1985 Jul;173(7):401-5

Effect of L-tryptophan on electroconvulsive therapy seizure time. Price WA, et al. **J Nerv Ment Dis** 1985 Oct;173(10):636-8

Management of severe acute colitis [letter] Woodland RJ. **J R Soc Med** 1984 Dec;77(12):1065-6

Electroconvulsive therapy. **Med J Aust** 1985 Sep 2;143(5):190-1

Electroconvulsive therapy in 1985—a review. Varghese FT, et al. **Med J Aust** 1985 Sep 2;143(5):192-6 (40 ref.)

Electroconvulsive therapy in the 1980s. Major LF. **Psychiatr Clin North Am** 1984 Sep;7(3):611-23

A controlled study of cellular immune function in affective disorders before and during somatic therapy. Albrecht J, et al. **Psychiatry Res** 1985 Jul;15(3):185-93

An investigation of patients' attitudes to ECT by means of Q-analysis. Cowley PN. **Psychol Med** 1985 Feb;15(1):131-9

Effects of naloxone on cognitive deficits following electroconvulsive therapy. Nasrallah HA, et al. **Psychopharmacol Bull** 1985;21(1):89-90

A guarded endorsement for shock therapy [news] Holden C. **Science** 1985 Jun 28;228(4707):1510-1

Electroconvulsive therapy in a patient with unsuspected pheochromocytoma. Carr ME Jr, et al. **South Med J** 1985 May;78(5):613-5

Electroconvulsive therapy for depression [editorial] Wackym PA, et al. **South Med J** 1984 Sep;77(9):1073

[Effect of electroconvulsive shock on brain monoamines] Kuang PG. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Feb;18(1):41-4 (Eng. Abstr.) **(Chi)**

[Treatment of depression] Salminen JK. **Duodecim** 1985;101(2):188-93 **(Fin)**

[General anesthesia in shock therapy] Souffrin P, et al. **Cah Anesthesiol** 1984 Mar;32(3):233 **(Fre)**

[Electroconvulsive and dantrolene treatment of acute febrile catatonia. A case report] Renfordt E, et al. **Nervenarzt** 1985 Mar;56(3):153-6 **(Ger)**

[Sequelae of delayed electroconvulsive therapy. A case report] Sauer H, et al. **Nervenarzt** 1985 Mar;56(3):150-2 **(Ger)**

[Is electroshock not a therapy?] Grüss U, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Mar;37(3):160-8 (Eng. Abstr.) **(Ger)**

[Electroconvulsive therapy—then and now] Bohaček N. **Lijec Vjesn** 1985 Feb;107(2):90-2 (Eng. Abstr.) **(Scr)**

ADVERSE EFFECTS

Effects of ECT on diabetes mellitus. An attempt to account for conflicting data. Finestone DH, et al. **Acta Psychiatr Scand** 1984 Oct;70(4):321-6

ECT-induced hyperactive delirium and brain laterality [letter] Daniel WF. **Am J Psychiatry** 1985 Apr;142(4):521-3

ECT in pregnancy [letter] Kalinowsky LB. **Am J Psychiatry** 1984 Dec;141(12):1643

Prevention of electroconvulsive therapy-induced dysrhythmias with atropine and propranolol. London SW, et al. **Anesthesiology** 1985 Jun;62(6):819-22

Studies on the role of brain cholinergic systems in the therapeutic mechanisms and adverse effects of ECT and lithium. Lerer B. **Biol Psychiatry** 1985 Jan;20(1):20-40

Amnesia as a major side effect of electroconvulsive shock: the possible involvement of hypothalamic opioid systems. Netto CA, et al. **Braz J Med Biol Res** 1984;17(3-4):349-51

Electroconvulsive therapy [letter] Barza S. **Can J Psychiatry** 1985 Jun;30(4):310

Electrocardiographic changes following electroconvulsive therapy. Kitamura T, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(3):147-8

The effects of electroconvulsive therapy on serial electrocardiograms and serum cardiac enzyme values. A prospective study of depressed hospitalized inpatients. Dec GW Jr, et al. **JAMA** 1985 May 3;253(17):2525-9

Electroconvulsive shock and brain muscarinic receptors: relationship to anterograde amnesia. Lerer B, et al. **Life Sci** 1984 Dec 24;35(26):2659-64

Suicide after unilateral ECT in a patient previously responsive to bilateral ECT. Gambill JD, et al. **Psychiatr Q** 1983 Winter;55(4):279-81

ECT risk in cardiac patients [letter] Peterson GN. **Psychosomatics** 1985 Jun;26(6):531

[Side effects of bilateral electroconvulsive therapy—comparative clinico-computer tomographic study] Genz A, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Apr;37(4):197-204 (Eng. Abstr.) **(Ger)**

INSTRUMENTATION

Poor interrater reliability of MECTA EEG seizure duration measurement during ECT. Ries RK. **Biol Psychiatry** 1985 Jan;20(1):94-8

Autonomic monitor for electroconvulsive therapy. Watkins-Pitchford JM, et al. **Br J Psychiatry** 1984 Nov;145:551-2

[Preliminary information on the working principles of a type ES-82 instrument for pin electroconvulsive therapy] Pilaczyńska E, et al. **Psychiatr Pol** 1984 May-Jun;18(3):295-6 **(Pol)**

METHODS

Seizure duration in unilateral electroconvulsive therapy. A comparison of the anaesthetic agents etomidate and althesin with methohexitone [letter] Chaturvedi SK. **Acta Psychiatr Scand** 1985 Apr;71(4):427-8

Reliability and validity of two tests for non-verbal memory. d'Elia G, et al. **Acta Psychiatr Scand** 1985 Jul;72(1):29-37

Trazodone administration during ECT associated with cardiac conduction abnormality [letter] McCracken J, et al. **Am J Psychiatry** 1984 Nov;141(11):1488-9

Increases in prolactin levels following bilateral and unilateral ECT. Papakostas Y, et al. **Am J Psychiatry** 1984 Dec;141(12):1623-4

ECT and multichannel EEG recording [letter] Staton RD, et al. **Am J Psychiatry** 1985 Aug;142(8):987

ECT-induced amnesia and postictal EEG suppression. Daniel WF, et al. **Biol Psychiatry** 1985 Mar;20(3):344-8

ECT: the search for the perfect stimulus. Hyrman V, et al. **Biol Psychiatry** 1985 Jun;20(6):634-45

An afterdischarge window for ECT? Milstein V, et al. **Biol Psychiatry** 1984 Jul;19(7):1143-8

Missed and brief seizures during ECT: differential response between unilateral and bilateral electrode placement. Pettinati HM, et al. **Biol Psychiatry** 1985 May;20(5):506-14

Manic symptoms: an indication for bilateral ECT. Small JG, et al. **Biol Psychiatry** 1985 Feb;20(2):125-34

Unilateral ECT: advantages and efficacy in the treatment of depression. Fontaine R, et al. **Can J Psychiatry** 1985 Mar;30(2):142-7

The present status of unilateral ECT. Some recommendations. Abrams R, et al. **J Affective Disord** 1984 Dec;7(3-4):245-7

[Some electroencephalographic findings following bilateral and unilateral electroconvulsive treatment] Sack G. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Sep;36(9):533-6 (Eng. Abstr.) **(Ger)**

[Schizophrenic syndromes and efficacy of unilateral electroconvulsive therapy] Kornetov AN, et al. **Zh Nevropatol Psikhiatr** 1985;85(2):249-54 (Eng. Abstr.) **(Rus)**

STANDARDS

ECT: please, no more regulations! [editorial] Greenblatt M. **Am J Psychiatry** 1984 Nov;141(11):1409-10

Efficacy of ECT: a meta-analysis. Janicak PG, et al. **Am J Psychiatry** 1985 Mar;142(3):297-302

Duration of ECT-induced tachycardia as a measure of seizure length. Larson G, et al. **Am J Psychiatry** 1984 Oct;141(10):1269-71

Factors affecting amnesia, seizure duration, and efficacy in ECT. Miller AL, et al. **Am J Psychiatry** 1985 Jun;142(6):692-6

Medical, judicial, and statutory regulation of ECT in the United States. Winslade WJ, et al. **Am J Psychiatry** 1984 Nov;141(11):1349-55

Reliability of a standardized brief-pulse stimulus in ECT. Weaver L Jr, et al. **Biol Psychiatry** 1985 Jan;20(1):79-85

The Clarke Institute experience with electroconvulsive therapy: I. Development of a clinical audit procedure. Kramer PM, et al. **Can J Psychiatry** 1984 Dec;29(8):648-51

The Clarke Institute experience with electroconvulsive therapy: II. Treatment evaluation and standards of practice. Martin BA, et al. **Can J Psychiatry** 1984 Dec;29(8):652-7

ECT as a form of restraint [letter] Newman ES. **Can J Psychiatry** 1984 Oct;29(6):544-6

TRENDS

Electroconvulsive therapy: a Canadian perspective. Smith WE, et al. **Can J Psychiatry** 1984 Dec;29(8):693-9

The impact of new ethics and laws on electroconvulsive therapy. Hoffman BF. **Can Med Assoc J** 1985 Jun 15;132(12):1366-8

[A half-century of electroshock, or the obsolete therapy of the future (editorial)] Lôo H. **Encephale** 1984;10(6):245-6 **(Fre)**

ELECTRODERMAL RESPONSE see **GALVANIC SKIN RESPONSE**

ELECTRODES

Determination of skin blood flow by 133Xe washout and by heat flux from a heated tc-PO2 electrode. Jaszczak P, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):482-9

New disposable electroretinographic electrode made of anomalous polyvinyl alcohol gel. Honda Y, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):492-3

Nylon shavings enzyme reactor for batch determination of urea. Begum KD, et al. **Anal Biochem** 1984 Oct;142(1):1-6

Calibration and use of a Clark-type oxygen electrode from 5 to 45 degrees C. Wise RR, et al. **Anal Biochem** 1985 Apr;146(1):260-4

Sensitive bioaffinity sensor with metastable molecular complex receptor and enzyme amplifier. Ikariyama Y, et al. **Anal Chem** 1985 Feb;57(2):496-500

Electrochemical and electron spectroscopic studies of highly polished glassy carbon electrodes. Kamau GN, et al. **Anal Chem** 1985 Feb;57(2):545-51

Calculations of temperature rise produced in body tissue by a spherical electrode. Ruggeri RT, et al. **Ann Biomed Eng** 1985;13(2):177-94

A comparison of the measurement of sodium and potassium by flame photometry and ion-selective electrode. Worth HG. **Ann Clin Biochem** 1985 Jul;22 (Pt 4):343-50 (47 ref.)

Rotating ring-disc electrode: its use in studying mass transport resistances through immobilized enzyme support matrices. Wingard LB Jr, et al. **Ann NY Acad Sci** 1984; 434:224-31

Stimulus artifact reduction in nerve conduction. Kornfield MJ, et al. **Arch Phys Med Rehabil** 1985 Apr;66(4):232-5

Electrode-biologic tissue interreactions at interfaces--a review. Sawyer PN. **Biomater Med Devices Artif Organs** 1984-85; 12(3-4):161-96

Analytical performance of the ion-selective electrodes used in the Hitachi 705 [letter] Adam A, et al. **Clin Chem** 1984 Oct;30(10):1720

Lack of influence of KCl on values for Na+ obtained with the Nova-1 [letter] Ladenson JH. **Clin Chem** 1985 Mar; 31(3):490-1

Ion-selective electrodes for sodium and potassium: a new problem of what is measured and what should be reported. Maas AH, et al. **Clin Chem** 1985 Mar;31(3):482-5

Preparation and use of serum-based material as control and calibrator in evaluating ion-selective electrodes for calcium. Toffaletti J, et al. **Clin Chem** 1985 Aug; 31(8):1349-52

Reliability of the Hitachi sodium and potassium electrodes assessed. Winkel P, et al. **Clin Chem** 1985 Mar;31(3):457-9

The effect of the transcutaneous electrode on the variability of dermal oxygen tension changes. Spence VA, et al. **Clin Phys Physiol Meas** 1985 May;6(2):139-45

Use of an iridium-oxide transcutaneous carbon dioxide electrode on adult surgical patients. Williams R, et al. **Crit Care Med** 1985 Oct;13(10):848-50

A surface electrode array for detecting action potential trains of single motor units. Masuda T, et al. **Electroencephalogr Clin Neurophysiol** 1985 May; 60(5):435-43

Electrodes. Morris HH 3d, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985;37:3-26

Improved 'active' electrodes for recording bioelectric signals in work physiology. Hagemann B, et al. **Eur J Appl Physiol** 1985;54(1):95-8

A new glucose electrode for tissue measurements. Kessler M, et al. **Hepatogastroenterology** 1984 Dec;31(6):285-8

The role of calcium in the pathogenesis of gallstones: Ca++ electrode studies of model bile salt solutions and other biologic systems. With an hypothesis on structural requirements for Ca++ binding to proteins and bile acids. Moore EW. **Hepatology** 1984 Sep-Oct;4(5 Suppl):228S-243S

Ceramic electrodes for ELF bioeffects studies. Carstensen EL, et al. **IEEE Trans Biomed Eng** 1984 Aug;31(8):557-60

Simulated and experimental studies of temperature elevation around electrosurgical dispersive electrodes. Kim Y, et al. **IEEE Trans Biomed Eng** 1984 Nov;31(11):681-92

Electrical properties of bioelectrodes. Onaral B, et al. **IEEE Trans Biomed Eng** 1984 Dec;31(12):827-32 (60 ref.)

Electrode motion artifacts in electrical impedance pneumography. Sahakian AV, et al. **IEEE Trans Biomed Eng** 1985 Jun;32(6):448-51

Application of the positive reality principle to metal electrode linear polarization phenomena. Sun HH, et al. **IEEE Trans Biomed Eng** 1984 Oct;31(10):664-74

Computer programs for calibrating control electrode voltages and for conditioning working electrodes for a neurochemical voltammetry system. Abraham F, et al. **Int J Biomed Comput** 1984 Sep-Oct;15(5):357-69

Defibrillator electrode-chest wall coupling agents: influence on transthoracic impedance and shock success. Aylward PE, et al. **J Am Coll Cardiol** 1985 Sep;6(3):682-6

A polyvinylchloride-membrane based anion selective electrode for continuous registration of delta pH (interior alkaline) with salicylate as the indicator probe. Hellingwerf KJ, et al. **J Biochem Biophys Methods** 1985 Aug; 11(2-3):83-93

Mechanistic studies of ion-selective electrodes. Moody GJ. **J Biomed Eng** 1985 Jul;7(3):183-95 (111 ref.)

Use of an ammonia electrode to study bacterial deamination of amino acids with special reference to D-asparagine breakdown by campylobacters. Karmali MA, et al. **J Hyg (Lond)** 1984 Oct;93(2):189-96

The iridium/iridium oxide electrode for in vivo measurement of oesophageal and gastric pH. Papeschi G, et al. **J Med Eng Technol** 1984 Sep-Oct;8(5):221-3

A simple method for the construction of electrode arrays. Verloop AJ, et al. **J Neurosci Methods** 1984 Aug; 11(3):173-8

Optimal redox electrode potential for 24-hour rabbit kidney perfusion. Collins GM, et al. **J Surg Res** 1985 Sep; 39(3):246-50

Evaluation of intraluminal EMG electrodes for the oesophagus and gastrointestinal tract. Pope CE 2nd, et al. **Med Biol Eng Comput** 1984 Sep;22(5):461-4

Linear and nonlinear properties of platinum electrode polarisation III: Equivalence of frequency- and time-domain behaviour. Schwan HP, et al. **Med Biol Eng Comput** 1985 Jan;23(1):28-32

Electrode studies for the long-term ambulatory ECG. Thakor NV, et al. **Med Biol Eng Comput** 1985 Mar; 23(2):116-21

The effect of anode curvature on radiographic heel effect. Fritz SL, et al. **Med Phys** 1985 Jul-Aug;12(4):443-6

New multipronged fetal scalp electrode: a preliminary report. Sachs BP, et al. **Obstet Gynecol** 1985 Sep;66(3):434-5

Probe placement during electric pulp-testing procedures. Jacobson JJ. **Oral Surg Oral Med Oral Pathol** 1984 Aug; 58(2):242-7

Use of the pill electrode for transesophageal atrial pacing. Jenkins JM, et al. **PACE** 1985 Jul;8(4):512-27

Successful electrocoagulation of an internal mammary artery in a child. Brunelle F, et al. **Pediatr Radiol** 1985;15(4):251-2

Application of cytochrome P-450 in enzyme reactors and enzyme electrodes. Schubert F, et al. **Pharmazie** 1985 Apr; 40(4):235-9 (63 ref.)

[Possibilities and limitations of the various electrodes in electromyographic studies] Vermeersch D, et al. **Acta Belg Med Phys** 1985 Jan-Mar;8(1):7-14 (Eng. Abstr.) **(Dut)**

[Response time of the tcPCO2 electrode--an animal experiment study] Schmidt S, et al. **Biomed Tech (Berlin)** 1984 Nov;29(11):289-94 (Eng. Abstr.) **(Ger)**

[Trial designing of special electrodes for the in vivo measurement of the hydration state of stratum corneum of dry skin lesions] Tokudome Y, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Oct;94(11):1247-51 **(Jpn)**

[Principles of enzyme electrodes] Kawashima T. **Tanpakushitsu Kakusan Koso** 1985 Apr;30(4):247-63 (43 ref.) **(Jpn)**

[The enzyme thermistor] Mosbach K, et al. **Tanpakushitsu Kakusan Koso** 1985 Apr;30(4):285-98 (36 ref.) **(Jpn)**

[Development and applications of enzyme electrode sensors] Osawa H. **Tanpakushitsu Kakusan Koso** 1985 Apr; 30(4):264-76 (27 ref.) **(Jpn)**

[Suction electrode for conducting morphophysiologic studies on fine and short nerve trunks in vitro] Shuliakov OV. **Fiziol Zh SSSR** 1985 Jun;71(6):804-6 **(Rus)**

ELECTRODES, IMPLANTED

Electrical characteristics of a set of electrodes. Génin J, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;411:124-30

Practical aspects of automatic cardioverter/defibrillator implantation. Winkle RA, et al. **Am Heart J** 1984 Nov; 108(5):1335-46 (12 ref.)

Acute and chronic implantation of coiled wire intraneural electrodes during cyclical electrical stimulation. Bowman BR, et al. **Ann Biomed Eng** 1985;13(1):75-93

Deep brain stimulation for alleviating chronic intractable pain. Kumar K, et al. **Can J Surg** 1985 Jan;28(1):20-2

Sphenoidal electrode positions and basal EEG during long term monitoring. Wilkus RJ, et al. **Epilepsia** 1985 Mar-Apr; 26(2):137-42

Phagocytic and metabolic reactions to chronically implanted metal brain electrodes. Babb TL, et al. **Exp Neurol** 1984 Nov;86(2):171-82

Effect of electrode size on brain stimulation. Milner PM, et al. **Exp Neurol** 1985 Sep;89(3):603-15

Sensitivity analysis of depth EEG electrodes to dipolar electric sources. Church P, et al. **IEEE Trans Biomed Eng** 1985 Aug;32(8):554-60

Pigtail catheter for extraction of pacemaker lead [letter] Taliercio CP, et al. **J Am Coll Cardiol** 1985 Apr;5(4):1020

Electrical stimulation of motor nerves: results of an animal experiment. Breederveld RS. **Life Support Syst** 1984 Jul-Sep;2(3):183-7

Unipolar and bipolar right atrial appendage electrodes: comparison of sensing characteristics. Bagwell P, et al. **Med Instrum** 1985 May-Jun;19(3):132-5

Computed tomographic localization of malposition of pacing electrodes: the value of cardiovascular computed tomography. Flicker S, et al. **PACE** 1985 Jul;8(4):589-99

Removal of monofilamental and multifilamental temporary pacing leads following open-heart surgery: occurrence of arrhythmias. Harjula A, et al. **PACE** 1985 Jul;8(4):607-10

Ten-year follow-up on 1,000 patients with transvenous electrodes. Lagergren H, et al. **PACE** 1984 Nov;7(6 Pt 1):1017-20

Experience with a new epimyocardial pacing lead in children. Michalik RE, et al. **PACE** 1984 Sep;7(5):831-8

Late pulmonary embolization of a retained pacemaker electrode fragment after attempted transatrial extraction. Mayer ED, et al. **Thorac Cardiovasc Surg** 1985 Apr; 33(2):128-30

[Decrease in the electrostimulation threshold of the heart by saturating the electrode with glucocorticoids] Bredikis IuIu, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):360-1 (Eng. Abstr.) **(Rus)**

[Classification of implantable electrodes intended for constant electrostimulation of the heart] Bredikis IuIu, et al. **Med Tekh** 1985 Jan-Feb;(1):14-7 (Eng. Abstr.) **(Rus)**

STANDARDS

Pacemaker electrodes and problems related to cardiac pacing and sensing: current solutions and future trends. Pioger G, et al. **Life Support Syst** 1984 Jul-Sep;2(3):169-81

Life of Pt and Pt-Ir stimulating electrodes in neurological prostheses. Donaldson PE, et al. **Med Biol Eng Comput** 1985 Jan;23(1):84-6

UTILIZATION

Another use for temporarily placed atrial electrodes [letter] Malcolm ID, et al. **Can J Surg** 1984 Nov;27(6):529

VETERINARY

Preliminary study on the use of a silver oxide watch battery (1.5 V) for electrical enhancement of bone healing. Shokry M. **Vet Res Commun** 1985 Jul;9(3):245-50

ELECTRODES, MINIATURIZED see **MICROELECTRODES**

ELECTRODIAGNOSIS

Preliminary study of the clinical significance of electrodiagnosis with medium frequency stimulation. Nan DK. **Acta Acad Med Wuhan** 1985;5(1):48-53

Intracardiac electrophysiologic studies in the medical evaluation of aviators. Oetgen WJ, et al. **Aviat Space Environ Med** 1985 May;56(5):443-50

Electrodiagnostic examination, back pain and entrapment of posterior rami. Fisher MA, et al. **Electromyogr Clin Neurophysiol** 1985 Mar-Apr; 25(2-3):183-9

Endoscopic measurement of oesophageal transmucosal potential difference in reflux oesophagitis. Collins BJ, et al. **Gut** 1984 Oct;25(10):1103-6

Neuropsychological and electrophysiological examination of a patient with Wilson's disease. Bornstein RA, et al. **Int J Neurosci** 1985 May;26(3-4):239-47

Facial electroneuronography: action potential amplitude and latency studies in 50 normal subjects. Redhead J, et al. **J Laryngol Otol** 1985 Apr;99(4):369-72

Electrophysiological evaluation of central and peripheral neural effects of lead exposure. Seppäläinen AM. **Neurotoxicology (Park Forest II)** 1984 Fall;5(3):43-52

Clinical use of nerve stimulation [letter] Kline DG, et al. **Plast Reconstr Surg** 1985 May;75(5):764-6

[Polygraphic aspects of periodic movements in sleep] Reimão R, et al. **Arq Neuropsiquiatr** 1984 Dec;42(4):313-21 (Eng. Abstr.) **(Por)**

[Clinical, electromyographic and electroneurographic correlations in lesions of the peripheral nervous system] Asgian B. **Rev Med Interna [Neurol Psihiatr]** 1985 Jan-Mar; 30(1):31-42 (Eng. Abstr.) **(Rum)**

[A new form of caudate inhibition in electrostimulation of the deep structures of the human brain] Smirnov VM, et al. **Fiziol Zh SSSR** 1984 Jul;70(7):938-43 (Eng. Abstr.) **(Rus)**

[Value of the electrophysiologic study of the diaphragm in the diagnosis of phrenic paralysis (letter)] Martínez Pérez J, et al. **Med Clin (Barc)** 1985 Apr 30;84(16):674 **(Spa)**

INSTRUMENTATION

A critical review of electroglottography. Childers DG, et al. **Crit Rev Biomed Eng** 1985;12(2):131-61 (123 ref.)

User friendly system for electrodiagnosis. van Norren D, et al. **Doc Ophthalmol** 1984 Nov 15;58(3):251-6

METHODS

Somatosensory evoked potentials (SEPs) by median nerve stimulation in the evaluation of hemiplegics. Cosi V, et al. **Acta Neurol (Napoli)** 1985 Apr;7(2):85-92

A neuropathy index based on motor-sensory electroneurography (ENeG). Wennberg A. **Acta Neurol Scand [Suppl]** 1984;100:107-11

Human surface electrogastrograms: ac and dc measurements. Myers TJ, et al. **Ann Biomed Eng** 1984;12(4):319-33

Electrodiagnostic values through the thoracic outlet using C8 root needle studies, F-waves, and cervical somatosensory evoked potentials. Livingstone EF, et al. **Arch Phys Med Rehabil** 1984 Nov;65(11):726-30

Quantitative electroneurography: assessment of facial nerve palsy. McLaren T, et al. **Australas Phys Eng Sci Med** 198 Jul-Sep;7(3):104-7

A new test for idiopathic kidney stones. Chhabra HL, et al. **Indian J Med Res** 1985 Jan;81:68–70

Electroneurographic correlates of the monosynaptic reflex: experimental studies and normative data. Abbruzzese M, et al. **J Neurol Neurosurg Psychiatry** 1985 May;48(5):434–44

Effects of acute nerve compression on conduction of impulse trains of increasing frequency. Jewett DL, et al. **J Neurol Sci** 1985 Feb;67(2):187–99

Measurement of gastric emptying rates [letter] **Lancet** 1985 May 25;1(8439):1214

[Motor conduction in the femoral nerve in healthy subjects] Kruger M, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Nov; 14(2):165–8 (Eng. Abstr.) **(Fre)**

[Significance of electroneurography in the diagnosis of diabetic amyotrophy (letter)] **Orv Hetil** 1985 Jul 28; 126(30):1885 **(Hun)**

[Procedure for testing auditory brain stem responses in the healthy adult and child––methodologic considerations] Mininni F. **Acta Otorhinolaryngol Ital** 1984;4 Suppl 3:75–82 **(Ita)**

VETERINARY

Electro–olfactography: a technique with potential for diagnosis of anosmia in the dog. Myers LJ, et al. **Am J Vet Res** 1984 Nov;45(11):2296–8

Electrodiagnostic evaluation of deafness in two English setter littermates. Sims MH, et al. **J Am Vet Med Assoc** 1985 Aug 15;187(4):398–404

ELECTROENCEPHALOGRAPHY

Changes in the EEG spectrum at a two–week intensive endurance training. Honzák R, et al. **Act Nerv Super (Praha)** 1985 Mar;27(1):10–4

EEG patterns suggestive of shifted levels of excitation effected by hathayogic exercises. Roldán E, et al. **Act Nerv Super (Praha)** 1985 Jun;27(2):81–8

Fourrier analysis demonstrate EEG slowing after circulatory arrest at 20 degrees C. Massaut J, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:371–8

Low atropine dose increases the frequency of hippocampal theta activity. Hlavička P, et al. **Acta Neurobiol Exp (Warsz)** 1984;44(3):141–5

Cerveau isolé and pretrigeminal rats. Zernicki B, et al. **Acta Neurobiol Exp (Warsz)** 1984;44(4):159–77

Reflex epilepsy evoked by specific psychic activity. A case report. Kalina P, et al. **Acta Neurol Belg** 1984 Aug–Oct; 84(4):204–8

Effects of amobarbital and methohexital on epileptic activity in mesial temporal structures in epileptic patients. An EEG study with depth electrodes. Aasly J, et al. **Acta Neurol Scand** 1984 Dec;70(6):423–31

Perceptual, motor and attentional deficits in seven–year–old children. Electroencephalographic aspects. Gillberg C, et al. **Acta Paedopsychiatr (Basel)** 1984 Nov;50(5):243–53

Circulatory and EEG changes during resuscitation in experiments. Temes G, et al. **Acta Physiol Hung** 1984; 64(2):107–15

Relationship between CSF noradrenaline levels, C–EEG indicators of activation and psychosis ratings in drug–free schizophrenic patients. Kemali D, et al. **Acta Psychiatr Scand** 1985 Jan;71(1):19–24

Analysis of electroencephalographic activity new model of the method of spontaneous and evoked activity summation in EEG. Chytil J, et al. **Acta Univ Palacki Olomuc Fac Med** 1984;110:8–141

Electroencephalographic studies of psychopharmaca in Czechoslovakia. An overview. Mrña B. **Acta Univ Palacki Olomuc Fac Med** 1985;108:289–94

Steady–state visual evoked response amplitudes and concurrent electroencephalographic activity. Fagan JE Jr, et al. **Am J Optom Physiol Opt** 1985 Jun;62(6):418–22

Improved measurement of sleep stages [letter] Feinberg I. **Am J Psychiatry** 1984 Oct;141(10):1301–2

Neurophysiological correlates of sibling pairs discordant for bipolar affective disorder. Knott V, et al. **Am J Psychiatry** 1985 Feb;142(2):248–50

ECT and multichannel EEG recording [letter] Staton RD, et al. **Am J Psychiatry** 1985 Aug;142(8):987

Unexpected artefact during spectral edge analysis [letter] Withington PS, et al. **Anaesthesia** 1985 Jul;40(7):698–9

EEG changes due to unsuspected aortic dissection during cardiopulmonary bypass. Michaels I, et al. **Anesth Analg** 1984 Oct;63(10):946–8

EEG quantitation of narcotic effect: the comparative pharmacodynamics of fentanyl and alfentanil. Scott JC, et al. **Anesthesiology** 1985 Mar;62(3):234–41

Central nervous system effects of antiasthma medication––an EEG study. Shucard DW, et al. **Ann Allergy** 1985 Mar; 54(3):177–84

An EEG investigation in the rabbit on the role of the rubro–cerebellar loop in the action of tremorigenic and antitremorigenic drugs. Longo VG, et al. **Ann Ist Super Sanita** 1984;20(1):85–91

Electroencephalographic spiking activity, drug levels, and seizure occurrence in epileptic patients. Gotman J, et al. **Ann Neurol** 1985 Jun;17(6):597–603

Stimulus–induced myoclonus and burst suppression on EEG: effects of phenytoin toxicity. Trauner DA. **Ann Neurol** 1985 Mar;17(3):312–3

Electrophysiological markers of aging and memory loss in rats. De Toledo–Morrell L, et al. **Ann NY Acad Sci** 1985; 444:296–311

Memory dysfunction and vigilance: neurophysiological and psychopharmacological aspects. Saletu B, et al. **Ann NY Acad Sci** 1985;444:406–27

The effects of aniracetam on primate behavior and EEG. Schwam E, et al. **Ann NY Acad Sci** 1985;444:482–4

Comparisons among EEG, hair minerals and diet predictions of reading performance in children. Thatcher RW, et al. **Ann NY Acad Sci** 1984;433:87–96

An electrophysiological method for examining the effects of potential therapeutic agents on memory function. Wible CG, et al. **Ann NY Acad Sci** 1985;444:494–5

Correlation between eyelid microvibration and the electroencephalogram at various sleep stages in man. Usui T, et al. **Ann Physiol Anthropol** 1984 Jan;3(1):75–7

Benefits, shortcomings, and costs of EEG monitoring. Green RM, et al. **Ann Surg** 1985 Jun;201(6):785–92

Intraoperative monitoring. The EEG monitor can be a window to the brain. Fay MF, et al. **AORN J** 1985 Jun; 41(6):1046–9

Electroencephalographic sleep of younger depressives. Comparison with normals. Kupfer DJ, et al. **Arch Gen Psychiatry** 1985 Aug;42(8):806–10

Effects of intracerebral morphine and enkephalins on the caudate–EEG spindle burst. Kamata K, et al. **Arch Int Pharmacodyn Ther** 1985 May;275(1):68–77

Differential effect of prostaglandin synthetase inhibitor pretreatment on pentylenetetrazol–induced seizures in rat. Wallenstein MC. **Arch Int Pharmacodyn Ther** 1985 May; 275(1):93–104

A cerebral effect of carotid sinus stimulation. Observation during intraoperative electroencephalographic monitoring. Bridgers SL, et al. **Arch Neurol** 1985 Jun;42(6):574–7

Long–term clinical and EEG changes in patients with epilepsy. Hughes JR. **Arch Neurol** 1985 Mar;42(3):213–23

Effects of the new eburnamenine derivative RU 24722 on EEG recovery and cerebral energy metabolism after complete ischemia. Barzaghi F, et al. **Arzneimittelforsch** 1985;35(2):472–7

Differentiation of drug–induced rhythmical activities in the rabbit's brain by a benzodiazepine antagonist. Gogolák G, et al. **Arzneimittelforsch** 1985;35(1A):233–6

An EEG investigation on the role of cerebello–rubral system in the effects of diazepam and pentobarbital. Sagratella S, et al. **Arzneimittelforsch** 1985;35(1A):251–4

Effect of sleep deprivation on sleep and EEG power spectra in the rat. Borbély AA, et al. **Behav Brain Res** 1984 Dec; 14(3):171–82

Electrophysiological and ultrasonic correlates of reproductive behavior in the male rat. McIntosh TK, et al. **Behav Neurosci** 1984 Dec;98(6):1100–3

The effect of activation versus inhibition of feedback on perceived control of EEG activity. London MD, et al. **Biofeedback Self Regul** 1984 Jun;9(2):265–78

Electroencephalographic biofeedback of SMR and beta for treatment of attention deficit disorders in a clinical setting. Lubar JO, et al. **Biofeedback Self Regul** 1984 Mar;9(1):1–23

Operant control of EEG and event–related and slow brain potentials. Rockstroh B, et al. **Biofeedback Self Regul** 1984 Jun;9(2):139–60

The application of parametric multichannel spectral estimates in the study of electrical brain activity. Franaszczuk PJ, et al. **Biol Cybern** 1985;51(4):239–47

An optimal monitor of the electroencephalographic sigma sleep state. Kemp B, et al. **Biol Cybern** 1985;51(4):263–70

Auditory laterality in depression: relation to circadian patterns and EEG sleep. Berger–Gross P, et al. **Biol Psychiatry** 1985 Jun;20(6):611–22

Topographic EEG changes with benzodiazepine administration in generalized anxiety disorder. Buchsbaum MS, et al. **Biol Psychiatry** 1985 Aug;20(8):832–42

ECT–induced amnesia and postictal EEG suppression. Daniel WF, et al. **Biol Psychiatry** 1985 Mar;20(3):344–8

A longitudinal investigation of event–related potentials in depression. Elton M. **Biol Psychiatry** 1984 Dec; 19(12):1635–49

Serial monitoring of antidepressant response to electroconvulsive therapy with sleep EEG recordings and dexamethasone suppression tests. Grunhaus L, et al. **Biol Psychiatry** 1985 Jul;20(7):805–8

Predominant sensorimotor area left hemisphere dysfunction in schizophrenia measured by brain electrical activity mapping. Guenther W, et al. **Biol Psychiatry** 1985 May; 20(5):515–32

Effect of nocturnal intravenous cannulation upon sleep–EEG measures. Jarrett DB, et al. **Biol Psychiatry** 1984 Nov; 19(11):1537–50

Missed and brief seizures during ECT: differential response between unilateral and bilateral electrode placement. Pettinati HM, et al. **Biol Psychiatry** 1985 May;20(5):506–14

EEG sleep in elderly depressed, demented, and healthy subjects. Reynolds CF 3d, et al. **Biol Psychiatry** 1985 Apr; 20(4):431–42

A cross–sectional and longitudinal study of age effects of electrophysiological measures in hyperactive and normal children. Satterfield JH, et al. **Biol Psychiatry** 1984 Jul; 19(7):973–90

Combinations of evoked potential amplitude measurements in relation to psychiatric diagnosis. Shagass C, et al. **Biol Psychiatry** 1985 Jul;20(7):701–22

EEG–monitored sleep in anorexia nervosa and bulimia. Walsh BT, et al. **Biol Psychiatry** 1985 Sep;20(9):947–56

Statistical quantitative EEG studies of depression, mania, schizophrenia and normals. Flor–Henry P, et al. **Biol Psychol** 1984 Dec;19(3–4):257–79

Cognitive and EEG asymmetry. Glass A. **Biol Psychol** 1984 Dec;19(3–4):213–7

Round table on hemispheric specialization and lateral asymmetries in the EEG: introduction. Glass A. **Biol Psychol** 1984 Dec;19(3–4):151–7

Correlations of event–related potentials with schizophrenic deficits in information processing and hemispheric dysfunction. Hiramatsu K, et al. **Biol Psychol** 1984 Dec; 19(3–4):281–94

Extraversion and the EEG: I. An evaluation of Gale's hypothesis. O'Gorman JG. **Biol Psychol** 1984 Sep; 19(2):95–112

Extraversion and the EEG: II. A test of Gale's hypothesis. O'Gorman JG, et al. **Biol Psychol** 1984 Sep;19(2):113–36

EEG lateral asymmetries in psychiatric disorders. Serafetinides EA. **Biol Psychol** 1984 Dec;19(3–4):237–46

Asymmetric EEG changes as method actors generated emotions. Tucker DM, et al. **Biol Psychol** 1984 Aug; 19(1):63–75

Lateral brain function in normal and disordered emotion: interpreting electroencephalographic evidence. Tucker DM. **Biol Psychol** 1984 Dec;19(3–4):219–35

A qualitative model of the control of automated rhythmic movements: coupling between EEG and motor systems. Pögelt B, et al. **Biomed Biochim Acta** 1984;43(4):493–9

EEG changes during carotid endarterectomy: drug effect and embolism. Grundy BL, et al. **Br J Anaesth** 1985 Apr; 57(4):445–7

Ontogenic development of autoregressive component waves of waking EEG in normal infants and children. Ogawa T, et al. **Brain Dev** 1984;6(3):289–303

Seizure disorders in infancy and childhood. Ohtahara S. **Brain Dev** 1984;6(6):509–19

EEG spindle activity as a function of age: relationship to sleep continuity. Bowersox SS, et al. **Brain Res** 1985 May 20;334(2):303–8

The development of the interictal spike during kindling in the rat. Kairiss EW, et al. **Brain Res** 1984 Nov 19; 322(1):101–10

Chronic administration of diazepam to rats causes changes in EEG patterns and in coupling between GABA receptors and benzodiazepine binding sites in vitro. Mele L, et al. **Brain Res** 1984 Dec 3;323(1):93–102

Hippocampal–dentate theta disturbance after selective CA1 pyramidal cell damage in the rat. Monmaur P, et al. **Brain Res** 1985 Mar 4;328(2):301–11

Intracranial potentials correlated with an event–related potential, P300, in the cat. O'Connor TA, et al. **Brain Res** 1985 Jul 22;339(1):27–38

Cholinergic activation of the electrocorticogram: role of the substantia innominata and effects of atropine and quinuclidinyl benzilate. Stewart DJ, et al. **Brain Res** 1984 Nov 26;322(2):219–32

Presaccadic 'spike' potential: investigation of topography and source. Thickbroom GW, et al. **Brain Res** 1985 Jul 29; 339(2):271–80

Neural mechanisms distinguishing the neocortical EEG of C57BL/6 mice from that of DBA/2 mice. Ryan LJ. **Brain Res Bull** 1985 Mar;14(3):205–9

Characterization of cortical spindles in DBA/2 and C57BL/6 inbred mice. Ryan LJ. **Brain Res Bull** 1984 Oct; 13(4):549–58

Vigilance variations studied with electroencephalography. Dolmierski R, et al. **Bull Inst Marit Trop Med Gdynia** 1983; 34(1–2):41–8

Eight new biocybernetic indexes for evaluating brain function. Preliminary clinical application. Chen BH, et al. **Chin Med J [Engl]** 1984 Apr;97(4):231–8

The benign infantile epilepsies with evoked spikes. DeMarco P. **Clin Electroencephalogr** 1985 Jan;16(1):39–44

Clinical correlates of very fast beta activity in the EEG. Drake ME Jr. **Clin Electroencephalogr** 1984 Oct; 15(4):237–41

Computerized spectral analysis of the interictal EEG in epilepsy. Gelety TJ, et al. **Clin Electroencephalogr** 1985 Apr;16(2):94–7

Small sharp spikes revisited: further data on this controversial pattern. Hughes JR, et al. **Clin Electroencephalogr** 1984 Oct; 15(4):208–13

The auditory brainstem response in surgical monitoring: the pathological significance of a reduced P1–P5 interwave interval. Jacobson GP, et al. **Clin Electroencephalogr** 1985 Apr;16(2):83–7

EEG features in post–traumatic syndrome. Jacome DE, et al. **Clin Electroencephalogr** 1984 Oct;15(4):214–21

Tardive dyskinesia and EEG. Kaartinen P, et al. **Clin Electroencephalogr** 1984 Oct;15(4):226–31

Reliability of rapid clinical staging of all night sleep EEG. Kelley JT, et al. **Clin Electroencephalogr** 1985 Jan; 16(1):16–20

Epilepsia partialis continua following pertussis infection. Komsuoğlu SS, et al. **Clin Electroencephalogr** 1985 Jan; 16(1):45–7

Mid–line epileptiform activity in adult electroencephalograms. Molaie M. **Clin Electroencephalogr** 1985 Jan;16(1):54–61

Neonatal status epilepticus II: Electroencephalographic aspects. Olmos–Garcia de Alba G, et al. **Clin Electroencephalogr** 1984 Oct;15(4):197–201

Midline spike discharges: clinical and EEG correlates. Pourmand RA, et al. **Clin Electroencephalogr** 1984 Oct; 15(4):232–6

The EEG pattern in delirium tremens. Schear HE. **Clin Electroencephalogr** 1985 Jan;16(1):30–2

Possible potentiation of suicide risk in patients with EEG dysrhythmias taking oral contraceptives: a speculative empirical note. Struve FA. **Clin Electroencephalogr** 1985 Apr;16(2):88–90

EEG topography in porencephaly and arachnoid cyst. Takaesu E, et al. **Clin Electroencephalogr** 1985 Jan; 16(1):21–9

Cerebral function monitor studies in neonates. Viniker DA, et al. **Clin Electroencephalogr** 1984 Oct;15(4):185–92

Electroencephalogram in tardive dyskinesia. Wolf ME, et al. **Clin Electroencephalogr** 1984 Oct;15(4):222–5

Features of the geriatric EEG: age–dependent incidence of POSTS. Wright EA, et al. **Clin Electroencephalogr** 1985 Jan;16(1):11–5

Frontal intermittent rhythmical delta activity and anterior bradyrhythmia. Zurek R, et al. **Clin Electroencephalogr** 1985 Jan;16(1):1–10

Experience with continuous ambulatory EEG monitoring. Berkovic SF, et al. **Clin Exp Neurol** 1984;20:37–46

The EEGs of infants with citrullinemia. Engel RC, et al. **Dev Med Child Neurol** 1985 Apr;27(2):199–206

The frequency of electroencephalographic abnormalities in healthy epileptic patients: a review of 92 cases. Bahemuka M, et al. **East Afr Med J** 1984 Mar;61(3):170–6

XIth International Congress of Electroencephalography and Clinical Neurophysiology. London, U.K., August 25–30, 1985. Abstracts. **Electroencephalogr Clin Neurophysiol** 1985 Sep;61(3):S1–274

Cerebral bigeminy: alternating periodic epileptiform discharges. Aldrich MS, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul;61(1):23–5

The EEG of the early premature. Anderson CM, et al. **Electroencephalogr Clin Neurophysiol** 1985 Feb; 60(2):95–105

Magnetic fields produced by eye blinking. Antervo A, et al. **Electroencephalogr Clin Neurophysiol** 1985 Oct; 61(4):247–53

Electroencephalographic spectral power and lateralized motor activities. Autret A, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar; 60(3):228–36

Computer characterization of tracé alternant and REM sleep patterns in the neonatal EEG by adaptive segmentation—an exploratory study. Barlow JS. **Electroencephalogr Clin Neurophysiol** 1985 Feb; 60(2):163–73

Changes in flash but not pattern evoked cortical potentials after subchronic application of a monoamine oxidase (MAO) type A inhibitor in man. Berdjis H, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;62(1):77–80

Mechanisms of epileptogenesis in photosensitive epilepsy implied by the effects of moving patterns. Binnie CD, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul;61(1):1–6

Geniculate spikes during epileptic seizures induced in dogs by pentylenetetrazol and bicuculline. Binnie CD, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul;61(1):40–9

Lateralisation of the flash visually evoked cortical potential in albino babies. Boylan C, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jun;60(6):500–3

Multichannel data acquisition system for recording the acoustic brainstem response. Brennan TJ, et al. **Electroencephalogr Clin Neurophysiol** 1985 Feb; 60(2):177–80

Movement related slow potentials. II. A contrast between finger and foot movements in left–handed subjects. Brunia CH, et al. **Electroencephalogr Clin Neurophysiol** 1985 Feb; 60(2):135–45

Depth profiles of hippocampal rhythmic slow activity ('theta rhythm') depend on behaviour. Buzsáki G, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul;61(1):77–88

Intra– and extracranially recorded auditory evoked potentials in the cat. I. Source location and binaural interaction. Caird D, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul; 61(1):50–60

Serial waking–sleep EEGs and evolution of somatosensory potentials in Creutzfeldt–Jakob disease. Calleja J, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jun;60(6):504–8

Erb's and cervical somatosensory evoked potentials: correlations with body size. Chu NS, et al. **Electroencephalogr Clin Neurophysiol** 1985 Sep; 62(5):319–22

A longitudinal EEG study of mild senile dementia of Alzheimer type: changes at 1 year and at 2.5 years. Coben LA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Aug; 61(2):101–12

Computerized EEG pattern classification by adaptive segmentation and probability density function classification. Clinical evaluation. Creutzfeldt OD, et al. **Electroencephalogr Clin Neurophysiol** 1985 May; 60(5):373–93

Ambulatory sleep–wake polygraphy in narcolepsy. De Groen JH, et al. **Electroencephalogr Clin Neurophysiol** 1985 May; 60(5):420–2

Monitoring of the neonatal electroencephalogram using an infrared multichannel telemetry system. Dyson RJ, et al. **Electroencephalogr Clin Neurophysiol** 1984 Oct;58(4):382–4

Interelectrode distance and amplitude of the scalp EEG. Epstein CM, et al. **Electroencephalogr Clin Neurophysiol** 1985 Apr;60(4):287–92

EEG spectra in 9–13–year–old boys are stable over 1–3 years. Fein G, et al. **Electroencephalogr Clin Neurophysiol** 1984 Dec;58(6):517–8

Homeostatic changes during post–nap sleep maintain baseline levels of delta EEG. Feinberg I, et al. **Electroencephalogr Clin Neurophysiol** 1985 Aug;61(2):134–7

The acute deafness of definite multiple sclerosis: BAEP patterns. Fischer C, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul;61(1):7–15

Latency compensation analysis of the auditory brain–stem evoked response. Galbraith GC. **Electroencephalogr Clin Neurophysiol** 1984 Oct; 58(4):333–42

Test–retest reliability of spectral parameters of the EEG. Gasser T, et al. **Electroencephalogr Clin Neurophysiol** 1985 Apr;60(4):312–9

The transfer of EOG activity into the EEG for eyes open and closed. Gasser T, et al. **Electroencephalogr Clin Neurophysiol** 1985 Aug; 61(2):181–93

Effects of body temperature elevation on auditory nerve–brain–stem evoked responses and EEGs in rats. Gold S, et al. **Electroencephalogr Clin Neurophysiol** 1985 Feb; 60(2):146–53

Experimental data on the nature of postresuscitation alpha frequency activity. Gurvitch AM, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov; 58(5):426–37

Cocaine increases EEG beta: a replication and extension of Hans Berger's historic experiments. Herning RI, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jun;60(6):470–7

Observations upon the evoked responses to natural vestibular stimulation. Hood JD, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul;62(4):266–76

Stimulus intensity and inter–stimulus interval effects on pain–related cerebral potentials. Jacobson RC, et al. **Electroencephalogr Clin Neurophysiol** 1985 Sep; 62(5):352–63

Effect of clonidine and yohimbine on sleep in man: polygraphic study and EEG analysis by normalized slope descriptors. Kanno O, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jun; 60(6):478–84

Stationary peaks from a moving source in far–field recording. Kimura J, et al. **Electroencephalogr Clin Neurophysiol** 1984 Oct;58(4):351–61

Patterning of NREM sleep periods in normals: an observation revisited. Kupfer DJ, et al. **Electroencephalogr Clin Neurophysiol** 1984 Oct;58(4):321–4

Electroencephalographic correlates of cataplectic attacks in narcoleptic canines. Kushida CA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul;61(1):61–70

Hippocampal theta rhythm during paradoxical sleep. Effects of afferent stimuli and phase relationships with phasic events. Lerma J, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;60(1):46–54

Pharmacology of theta phase shift in the hippocampal CA1 region of freely moving rats. Leung LS. **Electroencephalogr Clin Neurophysiol** 1984 Nov; 58(5):457–66

Theta rhythm during REM sleep and waking: correlations between power, phase and frequency. Leung LS. **Electroencephalogr Clin Neurophysiol** 1984 Dec; 58(6):553–64

Spectral analysis of hippocampal EEG in the freely moving rat: effects of centrally active drugs and relations to evoked potentials. Leung LW. **Electroencephalogr Clin Neurophysiol** 1985 Jan;60(1):65–77

Monitoring of multimodality evoked potentials during open heart surgery under hypothermia. Markand ON, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov; 59(6):432–40

A surface electrode array for detecting action potential trains of single motor units. Masuda T, et al. **Electroencephalogr Clin Neurophysiol** 1985 May; 60(5):435–43

EEG features of the apallic syndrome resulting from cerebral anoxia. Matsuo F. **Electroencephalogr Clin Neurophysiol** 1985 Aug;61(2):113–22

Age development and sex differences of various EEG elements in healthy children and adults—quantification by a computerized wave form recognition method. Matsuura M, et al. **Electroencephalogr Clin Neurophysiol** 1985 May; 60(5):394–406

Visual evoked responses to light emitting diode (LED) photostimulation in newborn infants. Mushin J, et al. **Electroencephalogr Clin Neurophysiol** 1984 Oct; 58(4):317–20

Topographic electroencephalographic study of transient ischemic attacks. Nagata K, et al. **Electroencephalogr Clin Neurophysiol** 1984 Oct; 58(4):291–301

A comparison of the analyses of EEG and evoked potentials using colored bars in place of colored heads. Nuwer MR. **Electroencephalogr Clin Neurophysiol** 1985 Oct;61(4):310–3

Electroencephalograms in basilar artery migraine. Parain D, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov; 58(5):392–9

Quantitative analysis of occipital EEG in different stages of Alzheimer's disease. Penttilä M, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;60(1):1–6

ERPs to response production and inhibition. Pfefferbaum A, et al. **Electroencephalogr Clin Neurophysiol** 1985 May; 60(5):423–34

Spinal and cortical evoked potentials following stimulation of the posterior tibial nerve in the diagnosis and localization of spinal cord diseases. Riffel B, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov;58(5):400–7

Prognostic value of the electroencephalogram in term and preterm infants following neonatal seizures. Rowe JC, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar; 60(3):183–96

Further investigation of visual evoked potentials elicited by lateralized stimuli: effects of stimulus eccentricity and reference site. Rugg MD, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar;62(2):81–7

Cerebral neuromagnetic responses evoked by short auditory stimuli. Sams M, et al. **Electroencephalogr Clin Neurophysiol** 1985 Oct; 61(4):254–66

Conditioned responses in the visual cortex of dogs. II. During sleep. Sasaki H, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov; 58(5):448–56

Conditioned responses in the visual cortex of dogs. I. During wakefulness. Sasaki H, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov; 58(5):438–47

Short–latency cortical potentials evoked by tactile air–jet stimulation of body and face in man. Schieppati M, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov; 58(5):418–25

A non–linear analysis of afferent modulatory activity in the cat somatosensory system. Sclabassi RJ, et al. **Electroencephalogr Clin Neurophysiol** 1985 May; 60(5):444–54

On the effect of cross–hearing and clinical masking on the auditory brain–stem evoked response. Smyth V. **Electroencephalogr Clin Neurophysiol** 1985 Jul;61(1):26–9

Postalcoholic diseases: diagnostic relevance of computerized EEG. Spehr W, et al. **Electroencephalogr Clin Neurophysiol** 1985 Feb; 60(2):106–14

Spatio–temporal mapping of evoked cerebral activity. Thickbroom GW, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov; 59(6):425–31

Alumina cream induced focal motor epilepsy in cats. VI. Excision of the perilesional cortex. Velasco M, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jun; 60(6):548–57

Spontaneous cerebellar nuclei PGO–like waves in natural paradoxical sleep and under reserpine. Velluti R, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar;60(3):243–8

Visual evoked potentials (VEPs) in senile dementia (Alzheimer type) and in non–organic behavioural disorders in the elderly; comparison with EEG parameters. Visser SL, et al. **Electroencephalogr Clin Neurophysiol** 1985 Feb; 60(2):115–21

Genetic dependence of the electroencephalogram bispectrum. Whitton JL, et al. **Electroencephalogr Clin Neurophysiol** 1985 Apr;60(4):293–8

Prognostic and neurophysiological implications of concurrent burst suppression and alpha patterns in the EEG of post–anoxic coma. Zaret BS. **Electroencephalogr Clin Neurophysiol** 1985 Oct; 61(4):199–209

Long–term monitoring in epilepsy. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985;37:1–444

Monitoring at the West Haven VA/Yale University School of Medicine Epilepsy Center. Ebersole JS, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:357–69

Long–term monitoring in epilepsy. Gloor P. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:xiii–xx

Childhood seizures. Kellaway P. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:267–83

Assessment of effects of antiepileptic drugs. Meinardi H, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:201–14

Sleep and epilepsy. Montplaisir J, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:215–39

Localization of epileptic foci. Quesney LF, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:165–200

Monitoring at the National Hospital, Queen Square, London. Roberts R, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:423–36

Analysis of background activity. Samson–Dollfus D, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:147–61

EEG finding in myasthenia gravis. Kazis A, et al. **Electromyogr Clin Neurophysiol** 1984 Nov–Dec; 24(7):577–82

Meaning of mid and long latency evoked potential components. The law of 3.5 revisited. Liberson WT, et al. **Electromyogr Clin Neurophysiol** 1985 Mar–Apr; 25(2–3):87–102

Sphenoidal electrode positions and basal EEG during long term monitoring. Wilkus RJ, et al. **Epilepsia** 1985 Mar-Apr; 26(2):137-42

Cognitive development in epilepsy. The relative influence of epileptic activity and of brain damage. Niemann H, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(6):399-403

The EEG in hypnosedative drug withdrawal and dependence. van Sweden B. **Eur Arch Psychiatry Neurol Sci** 1984;234(4):268-74

Effects of anaesthesia for caesarean section on the computerized EEG of the neonate. Hollmén AI, et al. **Eur J Anaesthesiol** 1985 Mar;2(1):39-51

Quantitation of the EEG and pharmacodynamic modelling of hypnotic drugs: etomidate as an example. Schwilden H, et al. **Eur J Anaesthesiol** 1985 Jun;2(2):121-31

Relationship between EEG amplitude and subjective rating of task strain during performance of a calculating task. Kakizaki T. **Eur J Applied Physiol** 1984;53(3):206-12

Data entry on a computer terminal: repetitive work strains on the oculomotor and central nervous systems. Lille F, et al. **Eur J Applied Physiol** 1984;53(2):164-8

Differential effects of prostaglandin synthetase inhibitors on EEG in rat. Wallenstein MC. **Eur J Pharmacol** 1985 May 8;111(2):201-9

Quality extinction test and lateralized EEG focality: preliminary observations in a group of epileptic patients. Scarone S, et al. **Eur Neurol** 1985;24(4):244-7

Cimetidine neurotoxicity. EEG and behaviour aspects. Van Sweden B, et al. **Eur Neurol** 1984;23(4):300-5

Selective lesions of the fimbria and the fornix in the rat: differential effects on CA1 and dentate theta. M'Harzi M, et al. **Exp Neurol** 1985 Aug;89(2):361-71

Mapping of regions in the caudal brain stem that produce stimulus-bound synchronization in the cortical EEG. Mohan Kumar V, et al. **Exp Neurol** 1985 Aug;89(2):295-303

Alterations in preoptic unit activity on stimulation of caudal brain stem EEG-synchronizing structures. Mohan Kumar V, et al. **Exp Neurol** 1985 Aug;89(2):304-13

Cholinergic regulation of neocortical spindling in DBA/2 mice. Ryan LJ. **Exp Neurol** 1985 Aug;89(2):372-81

Three epileptic patients suffering from periods of frequent complex partial seizures and diagnostic criteria for epileptic status. Egawa I, et al. **Folia Psychiatr Neurol Jpn** 1984; 38(2):111-20

Correlation between EEG and clinicopathological change in neuro-Behçet's syndrome. Matsumoto K. **Folia Psychiatr Neurol Jpn** 1984;38(1):65-79

Appearance of frontal midline theta rhythm and personality traits. Mizuki Y, et al. **Folia Psychiatr Neurol Jpn** 1984; 38(4):451-8

Assessment of P300 latencies for individual EEG responses employing an adaptive correlating filter. Yamazaki K, et al. **Folia Psychiatr Neurol Jpn** 1984;38(4):465-71

A second opinion with regard to a pacemaker. Hancock EW. **Hosp Pract [Off]** 1985 Aug 15;20(8):95, 99

A rule-based microcomputer system for electroencephalogram evaluation. Baas L, et al. **IEEE Trans Biomed Eng** 1984 Oct;31(10):660-4

A comparison between Walsh and Fourier analysis of the electroencephalogram for tracking the effects of anesthesia. Dzwonczyk R, et al. **IEEE Trans Biomed Eng** 1984 Aug; 31(8):551-6

Moving dipole inverse ECG and EEG solutions. Gulrajani RM, et al. **IEEE Trans Biomed Eng** 1984 Dec;31(12):903-10 (56 ref.)

Statistical mechanics of neocortical interactions: EEG dispersion relations. Ingber L. **IEEE Trans Biomed Eng** 1985 Jan;32(1):91-4

Computerised tomography (CT) and electroencephalography (EEG) in the immediate evaluation of term infants with symptomatic birth asphyxia. Merchant R, et al. **Indian J Pediatr** 1984 May-Jun;51(410):327-32

Attributed strings for recognition of epileptic transients in EEG. Faure C. **Int J Biomed Comput** 1985 May; 16(3-4):217-29

Dipole source derivation. Application to the half-field pattern evoked potential. Thickbroom GW, et al. **Int J Biomed Comput** 1985 Jan;16(1):17-28

Pharmaco-EEG study on vincamine and on teproside in patients with chronic cerebrovascular disease. Martucci N, et al. **Int J Clin Pharmacol Res** 1984;4(4):291-302

Acute i.v. vincamine teprosilate administration: quantified investigation in elderly subjects. Moglia A, et al. **Int J Clin Pharmacol Res** 1984;4(4):303-6

Determination of the central effects of the asthma prophylactic ketotifen, the bronchodilator theophylline, and both in combination: an application of quantitative electroencephalography to the study of drug interactions. Matejcek M, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 May;23(5):258-66

Important associations among EEG-dynamics, event-related potentials, short-term memory and learning. Başar E, et al. **Int J Neurosci** 1985 May;26(3-4):161-80

A new approach to endogenous event-related potentials in man: relation between EEG and P300-wave. Başar E, et al. **Int J Neurosci** 1984 Aug;24(1):1-21

Spatiotemporal changes of EEG activity during waking-sleeping transition period. Hori T. **Int J Neurosci** 1985 Jul;27(1-2):101-14

Period analysis of the EEG in early putative Alzheimer's disease. Loring DW, et al. **Int J Neurosci** 1984 Aug; 24(1):63-8

Temporal pattern effects on auditory evoked potentials. Papanicolaou AC, et al. **Int J Neurosci** 1985 Apr; 26(1-2):53-7

Does frequency analysis lead to better understanding of human event related potentials. Stampfer HG, et al. **Int J Neurosci** 1985 May;26(3-4):181-96

Event related aspects of somatosensory and auditory evoked potentials: noise or signals? Stowell H. **Int J Neurosci** 1985 May;26(3-4):225-37

Movement-related potentials during development: a replication and extension of relationships to age, motor control, mental status and IQ. Warren CA, et al. **Int J Neurosci** 1984 Oct;24(2):81-96

Acoustic stimulus threshold related to EEG alpha and non-alpha epochs. Bohdanecký Z, et al. **Int J Psychophysiol** 1984 Aug;2(1):63-6

A critical review of EEG coherence studies of hemisphere function. French CC, et al. **Int J Psychophysiol** 1984 Mar; 1(3):241-54 (56 ref.)

EEG assessment of brain activity: spatial aspects, segmentation and imaging. Lehmann D. **Int J Psychophysiol** 1984 Mar;1(3):267-76

Asymmetry of brain potentials related to sensorimotor tasks. Lutzenberger W, et al. **Int J Psychophysiol** 1985 Apr; 2(4):281-91

Are there sex differences in averaged evoked responses produced by coupling sound and light in children and adults? Martineau J, et al. **Int J Psychophysiol** 1984 Dec; 2(3):177-83

Correlation and coherence analysis of the EEG: a selective tutorial review. Shaw JC. **Int J Psychophysiol** 1984 Mar; 1(3):255-66

Phase relations between carotid pressure and ongoing electrocortical activity. Walker BB, et al. **Int J Psychophysiol** 1983 Aug;1(1):65-73

Interictal electroencephalography in night terrors and somnambulism. Amir N, et al. **Isr J Med Sci** 1985 Jan; 21(1):22-6

Pseudoperiodic paroxysmal discharge in a case of hemorrhagic shock. Bindi A, et al. **Ital J Neurol Sci** 1984 Dec;5(4):447-50

The EEG in progressive dialysis encephalopathy: the EEG in diagnosing and screening for PDE. (Part. I). Luda E. **Ital J Neurol Sci** 1984 Dec;5(4):369-73

The EEG in progressive dialysis encephalopathy. The EEG and clinical indices of PDE in cases treated with desferrioxamine. (Part. II). Luda E, et al. **Ital J Neurol Sci** 1984 Dec;5(4):375-80

Sleep EEG recordings in depressive disorders. Kerkhofs M, et al. **J Affective Disord** 1985 Jul;9(1):47-53

The effects of dexamethasone administration on EEG sleep in depressed patients. Kupfer DJ, et al. **J Affective Disord** 1984 Oct;7(2):93-8

The relationship of EEG sleep to vital depression. Kupfer DJ, et al. **J Affective Disord** 1984 Dec;7(3-4):249-63

Is juvenile delinquency related to an abnormal EEG? A study of EEG abnormalities in juvenile delinquents and adolescent psychiatric inpatients. Hsu LK, et al. **J Am Acad Child Psychiatry** 1985 May;24(3):310-5

ECoG and breathing activity in fetal lambs after undercut of cerebral cortex. Ioffe S, et al. **J Appl Physiol** 1984 Oct; 57(4):1195-201

Biobehavioral risk factors in children of schizophrenic parents. Erlenmeyer-Kimling L, et al. **J Autism Dev Disord** 1984 Dec;14(4):357-74

Brief report: implication of EEG diagnoses in the subclassification of infantile autism. Tsai LY, et al. **J Autism Dev Disord** 1985 Sep;15(3):339-44

Hypertensive heart disease in the patient with a normal electrocardiogram and chest radiograph. Dunn FG. **J Cardiovasc Pharmacol** 1984;6 Suppl 6:S870-4 (32 ref.)

Tricyclic-induced electroencephalogram abnormalities and plasma drug concentrations. Preskorn SH, et al. **J Clin Psychopharmacol** 1984 Oct;4(5):262-4

Processing of stimulus properties: evidence for dual-task integrality. Kramer AF, et al. **J Exp Psychol [Hum Percept]** 1985 Aug;11(4):393-408

Event-related brain potentials reveal similar attentional mechanisms during selective listening and shadowing. Woods DL, et al. **J Exp Psychol [Hum Percept]** 1984 Dec; 10(6):761-77

EEG changes induced by passive postural changes. Chida T, et al. **J Hum Ergol (Tokyo)** 1983 Dec;12(2):217-8

In vivo brain dialysis of amino acids and simultaneous EEG measurements following intrahippocampal quinolinic acid injection: evidence for a dissociation between neurochemical changes and seizures. Vezzani A, et al. **J Neurochem** 1985 Aug;45(2):335-44

Epilepsia partialis continua: active cortical spike discharges and high cerebral blood flow in the motor cortex and enhanced transcortical long loop reflex. Kuroiwa Y, et al. **J Neurol** 1985;232(3):162-6

Wilson's disease: evoked potentials and computed tomography. Roach ES, et al. **J Neurol** 1985;232(1):20-3

Relapse of benign partial epilepsy of children in adulthood: report of a case [letter] Ambrosetto G, et al. **J Neurol Neurosurg Psychiatry** 1985 Jan;48(1):90

Periodic EEG pattern in meningovascular syphilis [letter] Radhakrishnan K, et al. **J Neurol Neurosurg Psychiatry** 1984 Dec;47(12):1360-1

Unusual EEG patterns in coma, and their evolution. Scott DF, et al. **J Neurol Neurosurg Psychiatry** 1985 Jan; 48(1):80-3

Five-year neurological and EEG outcome after open-heart surgery. Sotaniemi K. **J Neurol Neurosurg Psychiatry** 1985 Jun;48(6):569-75

Primary generalised epileptic myoclonus: a frequent manifestation of minipolymyoclonus of central origin. Wilkins DE, et al. **J Neurol Neurosurg Psychiatry** 1985 Jun;48(6):506-16

Triphasic spike-wave stupor in portal-systemic encephalopathy: a case report [letter] Yamamoto M, et al. **J Neurol Neurosurg Psychiatry** 1985 Apr;48(4):386-7

Visual desynchronization of cortical EEG impaired by lesions of superior colliculus in rats. Dean P, et al. **J Neurophysiol** 1984 Oct;52(4):625-37

Model of gradual phase shift of theta rhythm in the rat. Leung LW. **J Neurophysiol** 1984 Dec;52(6):1051-65

Supraspinal convulsions induced by inverse benzodiazepine agonists in rabbits. Massotti M, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):274-9

Neurophysiological 'markers'—EEG sleep measures. Kupfer DJ. **J Psychiatr Res** 1984;18(4):467-75

Power and coherence analysis of the EEG in hospitalized alcoholics and nonalcoholic controls. Kaplan RF, et al. **J Stud Alcohol** 1985 Mar;46(2):122-7

Correlation between electroencephalogram, hepatic encephalopathy grade, and biochemical indices in beagles with portacaval anastomosis. Okamoto H, et al. **JPEN J Parenter Enteral Nutr** 1985 May-Jun;9(3):326-33

Characteristics of the cortical and hippocampal EEG power spectra of rabbits during normal behavioral states and after administration of CNS acting drugs. Yamamoto J. **Jpn J Pharmacol** 1985 Mar;37(3):227-34

Value of electroencephalography in AIDS [letter] Enzensberger W, et al. **Lancet** 1985 May 4;1(8436):1047-8

Electroencephalographic abnormalities in interferon encephalopathy: a preliminary report. Suter CC, et al. **Mayo Clin Proc** 1984 Dec;59(12):847-50

Syntactic pattern recognition of intermittent EEG activity. Ferber G. **Methods Inf Med** 1985 Apr;24(2):79-84

EEG as a cross species indicator of neurotoxicity. Benignus VA. **Neurobehav Toxicol Teratol** 1984 Nov-Dec; 6(6):473-83

Interactions between hippocampal serotonin and the pituitary-adrenal axis in the septal driving of hippocampal theta-rhythm. Azmitia EC, et al. **Neuroendocrinology** 1984 Nov;39(5):471-5

Clinical psychological and electrographic evolution during pre- and puberal period in children with slight neurological and electroencephalographic alterations. Crighel E, et al. **Neurol Psychiatr (Bucur)** 1985 Jan-Mar;23(1):11-22

Type I complex partial seizures of hippocampal origin: excellent results of anterior temporal lobectomy. Delgado-Escueta AV, et al. **Neurology** 1985 Feb; 35(2):143-54

An acute syndrome with psychiatric symptoms and EEG abnormalities. Drury I, et al. **Neurology** 1985 Jun; 35(6):911-4

Arrhythmogenic seizures: diagnosis by simultaneous EEG/ECG recording. Gilchrist JM. **Neurology** 1985 Oct; 35(10):1503-6

Terminal electrocardiographic changes in brain-dead patients. Logigian EL, et al. **Neurology** 1985 Jun; 35(6):915-8

Termination of strict diet therapy in phenylketonuria. A study on EEG sleep patterns and computer spectral analysis. Behbehani AW. **Neuropediatrics** 1985 May; 16(2):92-7

Quantitative electrocortical changes in the rat induced by phencyclidine and other stimulants. Neal H, et al. **Neuropharmacology** 1985 Apr;24(4):317-23

Differential neuropharmacological effects of mu, kappa and sigma opioid agonists on cortical EEG power spectra in the rat. Stereospecificity and naloxone antagonism. Young GA, et al. **Neuropharmacology** 1984 Oct;23(10):1161-5

Spectral analysis of the EEG in children during the introduction of antiepileptic therapy with valproic acid. Benninger C, et al. **Neuropsychobiology** 1985;13(1-2):93-6

Classification of drugs by stereotactic recording of focal brain activity in the rat (stereo-EEG). Dimpfel W, et al. **Neuropsychobiology** 1984;12(2-3):188-95

EEG asymmetry during sleep. Gaillard JM, et al. **Neuropsychobiology** 1984;11(4):224-6

Evaluation of single epoch evoked potentials. Heinze HJ, et al. **Neuropsychobiology** 1984;12(1):68-72

The use of the EEG for assessment of vigilance changes caused by beta-blockers. Matousek M, et al. **Neuropsychobiology** 1984;12(1):55-9

Computer-assisted EEG topography as a tool in the evaluation of actions of psychoactive drugs in patients. Pockberger H, et al. **Neuropsychobiology** 1984; 12(2-3):183-7

Effects of doxefazepam on normal sleep. An EEG and neuropsychological study. Rodriguez G, et al. **Neuropsychobiology** 1984;11(2):133-9

Delineation of pharmacopsychological effects by means of endogenous event-related brain potentials: an exemplification with flupentixol. Rösler F, et al. **Neuropsychobiology** 1985;13(1-2):81-92

Determinants of chlormethiazole-induced EEG effects in chronic alcoholics. Spehr W, et al. **Neuropsychobiology** 1984;12(4):265-9

Pharmaco-EEG experiments in animals. Stumpf C.

Neuropsychobiology 1984;12(2-3):179-82 (41 ref.)

Event-related potentials and the phonological processing of words and non-words. Rugg MD. **Neuropsychologia** 1984; 22(4):435-43

Spectral analysis of the EEG in neuronally isolated cortex of the rabbit brain. Agladze NN. **Neurosci Behav Physiol** 1985 May-Jun;15(3):237-9

Effects of acute hypoxia on the EEG and impulse activity of the neurons of various brain structures in rats. Akopyan NS, et al. **Neurosci Behav Physiol** 1984 Sep-Oct; 14(5):405-11

Compressed spectral analysis of the EEG in patients with acute cerebrovascular disturbance. Gusev EI, et al. **Neurosci Behav Physiol** 1985 Mar-Apr;15(2):144-51

Reflection of stable dominant states on the EEG of schizophrenic and alcoholic patients. Sudakov KV, et al. **Neurosci Behav Physiol** 1985 Jan-Feb;15(1):38-44

Frequency modulation of neuronal theta-bursts in rabbit's septum by low-frequency repetitive stimulation of the afferent pathways. Brazhnik ES, et al. **Neuroscience** 1985 Feb;14(2):501-8

Gunshot wound to the pons with functional neuroanatomical and electrophysiological correlation. Clark JB, et al. **Neurosurgery** 1985 May;16(5):607-11

Electroencephalographic consequences of sodium dehydrocholate-induced blood-brain barrier disruption: Part 2. Generation and propagation of spike activity after the topical application of sodium dehydrocholate. Zappulla RA, et al. **Neurosurgery** 1985 May;16(5):639-43

Electroencephalographic consequences of sodium dehydrocholate-induced blood-brain barrier disruption: Part 1. Acute and chronic effects of intracarotid sodium dehydrocholate. Zappulla RA, et al. **Neurosurgery** 1985 May;16(5):630-8

Stimulation of the raphe nuclei produces EEG spikes in the hippocampus of the normal rabbit. Minami S. **Nippon Ika Daigaku Zasshi** 1984 Oct;51(5):557-67

Effect of magnesium sulfate on electroencephalographic findings in preeclampsia/eclampsia [letter] Morris JA. **Obstet Gynecol** 1985 Jun;65(6):859-60

Personality, hypnotic susceptibility and EEG responses: preliminary study. De Pascalis V, et al. **Percept Mot Skills** 1984 Oct;59(2):371-8

Temporal lobe signs: electroencephalographic validity and enhanced scores in special populations. Makarec K, et al. **Percept Mot Skills** 1985 Jun;60(3):831-42

Evoked potentials by letters in printed and script forms. Mecacci L, et al. **Percept Mot Skills** 1984 Aug;59(1):227-32

Temporal lobe signs and reports of subjective paranormal experiences in a normal population: a replication. Persinger MA, et al. **Percept Mot Skills** 1985 Jun;60(3):903-9

Awakenings: subjective and objective relationships. Webb WB, et al. **Percept Mot Skills** 1984 Aug;59(1):63-70

Reassessing morphine effects in cats: II. Protracted effects on sleep-wakefulness and the EEG. de Andres I, et al. **Pharmacol Biochem Behav** 1984 Dec;21(6):923-8

Pyroglutamic acid administration modifies the electrocorticogram and increases the release of acetylcholine and GABA from the guinea-pig cerebral cortex. Antonelli T, et al. **Pharmacol Res Commun** 1984 Feb;16(2):189-97

Validation of the cuff pedestal technique for rapid eye movement sleep (REMs) deprivation by electrophysiological recordings. Hilakivi I, et al. **Physiol Behav** 1984 Jun;32(6):945-7

The relationship between type 2 theta and behavior. Sainsbury RS, et al. **Physiol Behav** 1984 Oct;33(4):621-6

Current source-density method and application in cat cerebral cortex: investigation of evoked potentials and EEG phenomena. Mitzdorf U. **Physiol Rev** 1985 Jan; 65(1):37-100 (324 ref.)

Diagnosis of epileptic seizures. Complementary roles of electroencephalography and computed tomography. Grabow JD. **Postgrad Med** 1985 Mar;77(4):207-15, 218-20, 222

Simultaneous cerebral glucography with positron emission tomography and topographic electroencephalography. Buchsbaum MS, et al. **Prog Brain Res** 1984;62:263-9

EEG and CBF in cerebral ischemia. Follow-up studies in humans and monkeys. Jonkman EJ, et al. **Prog Brain Res** 1984;62:145-71

Quantitative EEG in normals and in patients with cerebral ischemia. Köpruner V, et al. **Prog Brain Res** 1984;62:29-50

Limitations of EEG frequency analysis in the diagnosis of intracerebral diseases. Mies G, et al. **Prog Brain Res** 1984; 62:85-103

Brain electrical activity mapping in normal and ischemic brain. Pfurtscheller G, et al. **Prog Brain Res** 1984; 62:287-302

Quantitative EEG follow-up study after extracranial-intracranial bypass operation for cerebral ischemia. Pfurtscheller G, et al. **Prog Brain Res** 1984; 62:121-43

Quantitative EEG and evoked potentials after experimental brain ischemia in the rat; correlation with cerebral metabolism and blood flow. Rosén I, et al. **Prog Brain Res** 1984;62:175-83

Quantitative EEG as a measure of brain dysfunction. Sulg I. **Prog Brain Res** 1984;62:65-84

Quantitative electroencephalography in cerebral ischemia. Detection of abnormalities in 'normal' EEGs. Van Huffelen AC, et al. **Prog Brain Res** 1984;62:3-28

Global incomplete ischemia in dogs assessed by quantitative EEG analysis. Effects of hypnotics and flunarizine. Wauquier A, et al. **Prog Brain Res** 1984;62:217-33

Effects of a new psychoactive drug (DU 27716) on different models of rat agonistic behaviour and EEG. Olivier B, et al. **Prog Clin Biol Res** 1984;169:261-79

Signal integration in the cortex. Wong RK, et al. **Prog Clin Biol Res** 1985;176:335-42

The effects of chronic lithium on the EEG and locomotor response to drug challenge in rats. Ehlers CL, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985; 9(2):133-42

Testing the REM sleep phasic event intrusion hypothesis of schizophrenia. Benson KL, et al. **Psychiatry Res** 1985 Jul; 15(3):163-73

P300 in major depressive disorder. Diner BC, et al. **Psychiatry Res** 1985 Jul;15(3):175-84

Depression in borderline patients: a prospective EEG sleep study. Reynolds CF 3d, et al. **Psychiatry Res** 1985 Jan; 14(1):1-15

The clinical EEG and personality in mentally abnormal offenders. Howard RC. **Psychol Med** 1984 Aug; 14(3):569-80

Effects of oral scopolamine on human stimulus evaluation. Callaway E, et al. **Psychopharmacology (Berlin)** 1985; 85(2):133-8

Pilot investigation of the quantitative EEG and clinical effects of ketazolam and the novel antiemetic nonabine in normal subjects. McClelland GR, et al. **Psychopharmacology (Berlin)** 1985;85(3):306-8

Aminophylline antagonizes diazepam-induced anesthesia and EEG changes in humans. Marrosu F, et al. **Psychopharmacology (Berlin)** 1985;85(1):69-70

The effect of methylphenidate on information processing. Naylor H, et al. **Psychopharmacology (Berlin)** 1985; 86(1-2):90-5

Comparison of effects of desipramine and amitriptyline on EEG sleep of depressed patients. Shipley JE, et al. **Psychopharmacology (Berlin)** 1985;85(1):14-22

Effects of lateralized presentations of faces on self-reports of emotion and EEG asymmetry in depressed and non-depressed subjects. Davidson RJ, et al. **Psychophysiology** 1985 May;22(3):353-64

Forty Hertz EEG activity in dementia of the Alzheimer type and multi-infarct dementia. Loring DW, et al. **Psychophysiology** 1985 Jan;22(1):116-21

The EEG in persons at risk for alcoholism. Volavka J, et al. **Recent Dev Alcohol** 1985;3:21-36

Correlations between the quantity of cerebral flow, brain surface pO2, and EEG in the dog. Temes G, et al. **Res Exp Med (Berl)** 1985;185(2):121-9

EEG changes induced by convulsants interfering with GABAergic inhibition in rats. I. Cortical recordings. Mareš P, et al. **Rev Electroencephalogr Neurophysiol Clin** 1985 Apr;14(4):297-303

Pathology of the central nervous system in patients suffering from hyperactive pituitary adenomas as reflected in quantified EEG patterns. Golda V, et al. **Sb Ved Pr Lek Fak Univ Karlovy** 1983;26(4):387-404

EEG alpha activity reflects attentional demands, and beta activity reflects emotional and cognitive processes. Ray WJ, et al. **Science** 1985 May 10;228(4700):750-2

Electroencephalogram during sleep in the cat: age effects on slow-wave activity. Bowersox SS, et al. **Sleep** 1984; 7(4):380-4

EEG sleep of normal healthy children. Part I: Findings using standard measurement methods. Coble PA, et al. **Sleep** 1984;7(4):289-303

Reappearance of electroencephalogram slow waves in extended sleep with delayed bedtime. Gagnon P, et al. **Sleep** 1985;8(2):118-28

Psychological correlates of electrodermal activity during REM sleep. Kushniruk A, et al. **Sleep** 1985;8(2):146-54

Slow wave sleep in elderly depressed, demented, and healthy subjects. Reynolds CF 3d, et al. **Sleep** 1985;8(2):155-9

The cyclic alternating pattern as a physiologic component of normal NREM sleep. Terzano MG, et al. **Sleep** 1985; 8(2):137-45

The effects of extreme hemodilutions on the autoregulation of cerebral blood flow, electroencephalogram and cerebral metabolic rate of oxygen in the dog. Maruyama M, et al. **Stroke** 1985 Jul-Aug;16(4):675-9

Staphylococcal alpha toxin induced changes in the electroencephalogram of the rat. Lipman JJ, et al. **Toxicon** 1985;23(2):325-30

EEG and evoked potential changes during gas- and liquid-breathing dives to 1000 msw. Harris DJ, et al. **Undersea Biomed Res** 1985 Mar;12(1):1-24

[A preliminary report on EEG spectrum analysis of schizophrenia] Hou Y. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Jun; 17(3):129-30 (Eng. Abstr.) (Chi)

[Effect of anisodine and other cholinergic drugs on conditioned response of the hippocampal theta rhythm in rabbits] Han YF, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Sep;5(3):166-70 (Eng. Abstr.) (Chi)

[Correlation of CT and EEG findings in brain diseases. Study of 250 patients] Roth B, et al. **Cesk Neurol Neurochir** 1984 Aug;47(4):245-50 (Eng. Abstr.) (Cze)

[Quantification of daytime somnolence in patients with narcolepsy and hypersomnia] Roth B, et al. **Cesk Neurol Neurochir** 1984 Sep;47(5):295-301 (Eng. Abstr.) (Cze)

[The effect of nootropic substances on fluctuations in vigilance tonus in postinjury pseudoneurasthenia. EEG study] Strnad P, et al. **Cesk Neurol Neurochir** 1985 Jul; 48(4):235-9 (Eng. Abstr.) (Cze)

[EEG examination in traumatic apallic syndrome] Strnad P, et al. **Cesk Neurol Neurochir** 1984 Nov;47(6):362-9 (Eng. Abstr.) (Cze)

[Visual evaluation and computer analysis of the electroencephalogram in defined stereotaxic lesions in the area of the subthalamus] Subrt O, et al. **Cesk Neurol Neurochir** 1984 Sep;47(5):290-4 (Eng. Abstr.) (Cze)

[Computer analysis of the EEG. Normal electroencephalogram] Subrt O, et al. **Cesk Neurol Neurochir** 1984 Sep;47(5):283-9 (Eng. Abstr.) (Cze)

[Comparison of clinical and electroencephalographic findings in absence in childhood] Fiedlerová D, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(3):175-82 (Eng. Abstr.) (Cze)

[Estimation of the signal/noise ratio in individually evoked responses in man] Vít F, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(5):555-66 (Eng. Abstr.) (Cze)

[Quantitative EEG in various forms of Alzheimer's disease] Penttilä M, et al. **Duodecim** 1984;100(18):1174-9 (Fin)

[Biofeedback of blood pressure information in man: changes in the electroencephalographic power spectrum] Rozier J, et al. **Arch Mal Coeur** 1984 Oct;77(11):1195-9 (Eng. Abstr.) (Fre)

[Temporary bypass in carotid surgery; peroperative study of various metabolic parameters and the EEG] Valencak E, et al. **Neurochirurgie** 1985;31(3):205-9 (Eng. Abstr.) (Fre)

[Limitations of electroencephalography in the etiological diagnosis of loss of consciousness (letter)] Cottin S, et al. **Presse Med** 1984 Sep 22;13(32):1964 (Fre)

[Absence status with unilateral EEG predominance (apropos of a personal case report)] Aguglia U, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Dec; 14(3):213-5 (Eng. Abstr.) (Fre)

[Value of the sleep EEG as a biological marker of depressive states. Comparison with 3 neuroendocrine tests] Ansseau M, et al. **Rev Electroencephalogr Neurophysiol Clin** 1985 Apr;14(4):343-9 (Eng. Abstr.) (Fre)

[Early EEG in 300 cerebral concussions] Geets W, et al. **Rev Electroencephalogr Neurophysiol Clin** 1985 Apr; 14(4):333-8 (Eng. Abstr.) (Fre)

[Is there a correlation between the phases of CNV and the power spectrum of the EEG?] Mantanus H, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Nov; 14(2):97-102 (Eng. Abstr.) (Fre)

[Prognostic value of EEG abnormalities observed during sleep in epilepsy with rolandic spikes (RSE)] Rose D, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Dec; 14(3):217-26 (Eng. Abstr.) (Fre)

[EEG recorded during the 1st 48 hours after a cerebral vascular accident as a result of carotid stenosis] Senant J, et al. **Rev Electroencephalogr Neurophysiol Clin** 1985 Apr;14(4):339-42 (Eng. Abstr.) (Fre)

[Kidney failure patients undergoing hemodialysis with aluminum poisoning after renal transplantation: electro-clinical aspects] Vecchierini-Blineau MF, et al. **Rev Electroencephalogr Neurophysiol Clin** 1985 Apr; 14(4):351-8 (Eng. Abstr.) (Fre)

[Electrocortical study of acquired language disorders in children] Paty J, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(4):333-8 (Eng. Abstr.) (Fre)

[EEG parameters in the monitoring of ventilated intensive care patients under various sedation methods] Lehmkuhl P, et al. **Anasth Intensivther Notfallmed** 1985 Feb;20(1):6-11 (Eng. Abstr.) (Ger)

[ERD (event-related desynchronization) mapping—a new procedure for functional brain diagnosis] Pfurtscheller G, et al. **Biomed Tech (Berlin)** 1985 Feb;30(1-2):2-6 (Eng. Abstr.) (Ger)

[German EEG Society. 29th annual meeting, Düsseldorf, 11-13 October 1984. Abstracts] **EEG EMG** 1985 Mar; 16(1):32-61 (Ger)

[Electroencephalographic correlates of vigilance: methods and examples] Bente D. **EEG EMG** 1984 Dec;15(4):173-9 (Eng. Abstr.) (Ger)

[EEG findings in patients with aortocoronary bypass—a visual-morphologic analysis in comparison with clinical data] Bräu H, et al. **EEG EMG** 1985 Mar;16(1):21-7 (Eng. Abstr.) (Ger)

[EEG activation using bemegride in the diagnosis of epilepsy. 2. Catamnestic studies] Bülau P, et al. **EEG EMG** 1984 Sep;15(3):132-7 (Eng. Abstr.) (Ger)

[Vigilance—its EEG determination] Kugler J. **EEG EMG** 1984 Dec;15(4):168-72 (Eng. Abstr.) (Ger)

[Headache and generalized epileptic EEG activity due to strong light exposure] Logar C, et al. **EEG EMG** 1985 Mar; 16(1):17-20 (Eng. Abstr.) (Ger)

[Methods of EEG quantification for the improvement of diagnosis in multiple sclerosis] Ponsen L, et al. **EEG EMG** 1984 Sep;15(3):142-4 (Eng. Abstr.) (Ger)

[Electroencephalographic findings in tick-borne encephalitis] Szirmai I. **EEG EMG** 1984 Sep;15(3):138-41 (Eng. Abstr.) (Ger)

[Circadian phenomena in petit mal epilepsy] Tomka I. **EEG EMG** 1985 Mar;16(1):10-6 (Eng. Abstr.) **(Ger)**

[Electroencephalographic evaluation potentials in severely burned patients in intensive care] Lips U, et al. **Handchir Mikrochir Plast Chir** 1985 Mar;17(2):73-4 (Eng. Abstr.) **(Ger)**

[Principles of sleep regulation] Borbély AA. **Internist (Berlin)** 1984 Sep;25(9):519-22 **(Ger)**

[EEG in consciousness disorders in childhood—diagnostic and prognostic value] Dietze H, et al. **Kinderarztl Prax** 1985 Mar;53(3):105-11 (Eng. Abstr.) **(Ger)**

[Specific cerebral current pictures in transsexualism] Krömer H, et al. **Nervenarzt** 1985 Mar;56(3):157-60 **(Ger)**

[Effect of methylprednisolone and dexamethasone on the prognosis and EEG in severe craniocerebral injuries] Steudel WI, et al. **Neurochirurgia (Stuttg)** 1984 Jul;27(4):111-4 (Eng. Abstr.) **(Ger)**

[Steady-state response in boys with infantile brain damage] Cammann R, et al. **Padiatr Grenzgeb** 1985;24(2):147-51 (Eng. Abstr.) **(Ger)**

[The effect of propranolol on the pentetrazole-induced spindle activity in the EEG of the rat] Lasek R. **Pharmazie** 1985 May;40(5):364 **(Ger)**

[EEG findings in 130 enuretics with special reference to spike potentials] Fehlow P. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Apr;37(4):221-7 (Eng. Abstr.) **(Ger)**

[EEG correlates of information processing in acute and remittent schizophrenic patients] Koukkou M. **Schweiz Arch Neurol Psychiatr** 1985;136(1):37-43 (Eng. Abstr.) **(Ger)**

[Demonstration of bencyclane effects in a clinico-pharmacologic vigilance model] Herrmann WM, et al. **Z Gerontol** 1984 Sep-Oct;17(5):261-70 (Eng. Abstr.) **(Ger)**

[Functional improvement of the aging brain: placebo controlled pharmaco-EEG and psychometric studies with a metabolically active hemoderivative (Actovegin)] Saletu B, et al. **Z Gerontol** 1984 Sep-Oct;17(5):271-9 (Eng. Abstr.) **(Ger)**

[Are subcortical signs in the EEG a reliable indication of brain stem displacement and impaction processes by intracranial space-occupying processes? A comparative computer tomography-electroencephalography study] Zettler H, et al. **Zentralbl Neurochir** 1985;46(1):69-78 (Eng. Abstr.) **(Ger)**

[Influence of hypoxia on the EEG of patients with cystic fibrosis] Brero P, et al. **Minerva Pediatr** 1985 Feb 28;37(4):161-3 (Eng. Abstr.) **(Ita)**

[Deep cerebral electrical activity during the hypnotic state in man: neurologic considerations in hypnosis] De Benedittis G, et al. **Riv Neurol** 1985 Jan-Feb;55(1):1-16 (Eng. Abstr.) **(Ita)**

[The effects of enflurane on somatosensory evoked responses simultaneously recorded from brain, spinal cord and peripheral nerve in man] Fujioka H, et al. **Masui** 1984 Jul;33(7):698-702 (Eng. Abstr.) **(Jpn)**

[The effects of unpleasant sounds on human EEGs] Miyake S, et al. **Nippon Eiseigaku Zasshi** 1984 Jun;39(2):523-34 (Eng. Abstr.) **(Jpn)**

[Studies on the short latency visual evoked potential. 2. Evaluation of the Fourier and dynamic topographical analysis] Kawashima S. **Nippon Ganka Gakkai Zasshi** 1984 May;88(5):909-16 (Eng. Abstr.) **(Jpn)**

[VEP dynamic topography in children. A study on the development of the visual system] Tabuchi A. **Nippon Ganka Gakkai Zasshi** 1985 Jan;89(1):172-8 (Eng. Abstr.) **(Jpn)**

[Dynamic topography of visual evoked potentials: a clinical application with basic study] Tsutsui J, et al. **Nippon Ganka Gakkai Zasshi** 1985 Jan;89(1):86-131 (Eng. Abstr.) **(Jpn)**

[An electroencephalographical study on timiperone, a new antipsychotic drug] Tanaka M, et al. **Nippon Yakurigaku Zasshi** 1984 Aug;84(2):213-9 (Eng. Abstr.) **(Jpn)**

[Periodic lateralized epileptiform discharges in infants] Hamano K, et al. **No To Hattatsu** 1985 May;17(3):210-7 (Eng. Abstr.) **(Jpn)**

[Neuropsychological and electroencephalographic study on the West syndrome and the Lennox syndrome] Ichiba N, et al. **No To Hattatsu** 1984 Sep;16(5):341-50 (Eng. Abstr.) **(Jpn)**

[Clinical and electroencephalographic studies on the refracted type infantile autism] Ichiba N. **No To Hattatsu** 1984 Nov;16(6):470-5 (Eng. Abstr.) **(Jpn)**

[Developmental changes of topographic EEG features in the newborn] Inokuma K, et al. **No To Hattatsu** 1984 Sep;16(5):371-80 (Eng. Abstr.) **(Jpn)**

[Studies on prenatal factors in childhood epilepsy. Part 2. Electroencephalographic aspects] Matsuda M. **No To Hattatsu** 1985 May;17(3):238-44 (Eng. Abstr.) **(Jpn)**

[Long-term prognosis of convulsive disorders in the first year of life: the prognostic value of the electroencephalogram at 0 to 3 years of age] Matsumoto A, et al. **No To Hattatsu** 1984 Nov;16(6):441-4 (Eng. Abstr.) **(Jpn)**

[Correlation between diffuse alpha wave pattern of EEG and hyperfrontal pattern of regional cerebral blood flow] Kameyama S, et al. **No To Shinkei** 1984 Dec;36(12):1229-35 (Eng. Abstr.) **(Jpn)**

[A case of metrizamide encephalopathy with triphasic waves on EEG] Niimi Y, et al. **No To Shinkei** 1984 Dec;36(12):1167-72 (Eng. Abstr.) **(Jpn)**

[A case of spindle coma] Kusunoki S, et al. **Rinsho Shinkeigaku** 1985 Apr;25(4):458-62 (Eng. Abstr.) **(Jpn)**

[Study on spontaneous bursts of high voltage slow wave activities in electroencephalograms of the aged—computerized cranial tomography findings] Yoshida R, et al. **Rinsho Shinkeigaku** 1985 Jan;25(1):73-9 (Eng. Abstr.) **(Jpn)**

[Selective attentional functioning as reflected in ERPs during syllable discrimination tasks (I). Results for normal control subjects] Hiramatsu K, et al. **Seishin Shinkeigaku Zasshi** 1984;86(2):120-43 (Eng. Abstr.) **(Jpn)**

[Suppressive effects of psychological tasks on subclinical epileptic discharges] Kakegawa N. **Seishin Shinkeigaku Zasshi** 1984;86(11):865-78 (Eng. Abstr.) **(Jpn)**

[Selective attentional functioning as reflected in ERPs during syllable discrimination tasks. (II). Correlations between cognitive deficits and abnormal ERP findings in schizophrenics] Kameyama T, et al. **Seishin Shinkeigaku Zasshi** 1984;86(7):501-24 (Eng. Abstr.) **(Jpn)**

[A case of periodic lateralized epileptiform discharges] Shinosaki K, et al. **Seishin Shinkeigaku Zasshi** 1985;87(3):186-96 **(Jpn)**

[Effect of piracetam (Nootropil) on the bioelectric function of the brain in cases of low-voltage EEG and in patients with epilepsy] Nocoń D. **Ann Acad Med Stetin** 1984;30:359-69 (Eng. Abstr.) **(Pol)**

[EEG and the neurological status of patients on chronic hemodialysis] Nowak S, et al. **Wiad Lek** 1984 Oct 1;37(19):1502-5 (Eng. Abstr.) **(Pol)**

[Reflex epilepsy: study of 5 cases] Giorelli PC, et al. **Arq Neuropsiquiatr** 1984 Dec;42(4):371-9 (Eng. Abstr.) **(Por)**

[EEG activation methods in psychiatry (with consideration of emotional states)] Mrňa B. **Acta Univ Palacki Olomuc Fac Med** 1985;108:283-8 (Eng. Abstr.) **(Rus)**

[Dynamics of the bioelectrical activity of the brain during application of electroacupuncture] Poluianova LA, et al. **Anesteziol Reanimatol** 1984 Sep-Oct;(5):19-22 (Eng. Abstr.) **(Rus)**

[Ambiguity of the solution of the inverse problem of electroencephalography] Isaev GV, et al. **Biofizika** 1985 May-Jun;30(3):467-71 (Eng. Abstr.) **(Rus)**

[Unequivocal solution of the one-dimensional inverse problem of electroencephalography for point sources] Isaev GV, et al. **Biofizika** 1985 May-Jun;30(3):472-5 (Eng. Abstr.) **(Rus)**

[Reactivity of the sleeping human brain: motor and electro-encephalographic correlates of evoked reactions] Arons EK, et al. **Biol Nauki** 1984;(10):56-60 (Eng. Abstr.) **(Rus)**

[Effect of gutimine on the electroencephalogram and cerebral blood supply of cats with intracerebral hemorrhage] Plotnikov MB, et al. **Farmakol Toksikol** 1984 Nov-Dec;47(6):36-9 (Eng. Abstr.) **(Rus)**

[Encephalographic correlates of autogenic change in human functional states] Antonov AA. **Fiziol Cheloveka** 1984 Jul-Aug;10(4):594-6 **(Rus)**

[Information value of EEG data in predicting operator work capacity] Bagrova ND, et al. **Fiziol Cheloveka** 1984 Jan-Feb;10(1):41-6 **(Rus)**

[Interhemispheric asymmetry of the EEG spectra and their interindividual variation in healthy persons in relation to the laterality of the dominant hand] Efimova IE, et al. **Fiziol Cheloveka** 1984 Jul-Aug;10(4):515-24 **(Rus)**

[Dynamics of erroneous voluntary reactions and interhemispheric EEG correlations] Fedotchev AI. **Fiziol Cheloveka** 1984 Mar-Apr;10(2):260-4 **(Rus)**

[Correlation between the characteristics of a presentation EEG and the extreme time of the sensorimotor reaction] Korol'kova TA, et al. **Fiziol Cheloveka** 1984 Nov-Dec;10(6):951-8 **(Rus)**

[Characteristics of the sensorimotor reactions and rheoencephalograms of persons with a desynchronized type of EEG] Rusnak VG. **Fiziol Cheloveka** 1985 Jan-Feb;11(1):161-3 **(Rus)**

[Alpha and beta coma in a brain lesion at the pontomesencephalic level] Sumskiĭ LI. **Fiziol Cheloveka** 1984 May-Jun;10(3):473-6 **(Rus)**

[EEG variants in changes in brain function] Zhirmunskaia EA, et al. **Fiziol Cheloveka** 1984 Jan-Feb;10(1):130-8 **(Rus)**

[The problem of the functional meaning of EEG indices and the principle of dominance] Kanunikov IE, et al. **Fiziol Zh SSSR** 1984 Oct;70(10):1366-73 (Eng. Abstr.) **(Rus)**

[Shifts in spatial synchronization potentials of the rabbit cortex evoked by the administration of noradrenaline to the visual area] Kurova NS, et al. **Fiziol Zh SSSR** 1984 Sep;70(9):1316-22 (Eng. Abstr.) **(Rus)**

['Learning' by subicular neurons and theta rhythm] Kvirkveliia LR. **Fiziol Zh SSSR** 1985 Jan;71(1):22-9 (Eng. Abstr.) **(Rus)**

[Dynamics of the infraslow omega potential and of the spatial synchronization of the EEG in muscle fatigue] Sologub EB, et al. **Fiziol Zh SSSR** 1984 Dec;70(12):1617-23 (Eng. Abstr.) **(Rus)**

[Relation of the frequencies of the rhythmic components of cortical and hippocampal electric activity to the intensity of stimulation of the reticular formation] Vorob'ev NA, et al. **Fiziol Zh SSSR** 1985 May;71(5):660-2 **(Rus)**

[Types of intellectual work capacity in schoolchildren] Pratusevich IuM, et al. **Gig Sanit** 1984 Jul;(7):28-30 (Eng. Abstr.) **(Rus)**

[Shifts in the base electroencephalogram of students during exams] Volkind NIa. **Gig Sanit** 1985 Jun;(6):84-5 **(Rus)**

[Electroencephalographic indices in students during examinations] Volkind NIa. **Gig Sanit** 1984 Jul;(7):81-3 **(Rus)**

[Temporal and spectral characteristics of artefact signals and background bioelectrical activity] Ovsianik VP, et al. **Med Tekh** 1984 Nov-Dec;(6):15-8 (Eng. Abstr.) **(Rus)**

[Temporal and spectral characteristics of signals from artefacts and background bioelectric activity. Spectral characteristics of signals from artefacts of extracerebral origin] Ovsianik VP, et al. **Med Tekh** 1985 Jan-Feb;(1):18-21 (Eng. Abstr.) **(Rus)**

[Spatial-phase relations of dominant fluctuations of brain potentials in the rabbit] Balashova AN. **Neirofiziologiia** 1984;16(4):512-9 (Eng. Abstr.) **(Rus)**

[Neurological and EEG changes in acute amitriptyline poisoning] Erokhina LG, et al. **Sov Med** 1985;(4):28-33 (Eng. Abstr.) **(Rus)**

[Dynamics of the bioelectric activity of the brain in patients with primary hyperparathyroidism treated surgically] Agafonov BV, et al. **Zh Nevropatol Psikhiatr** 1985;85(3):368-71 (Eng. Abstr.) **(Rus)**

[Features of changes in the EEG of patients with repeated syncope and epileptic seizures between attacks] Akimov GA, et al. **Zh Nevropatol Psikhiatr** 1985;85(6):851-7 (Eng. Abstr.) **(Rus)**

[Features of the EEG correlates of activity in epileptic patients] Bein BN, et al. **Zh Nevropatol Psikhiatr** 1985;85(6):818-22 (Eng. Abstr.) **(Rus)**

[Acute necrotic encephalitis in children (clinico-electroencephalographic study)] Dement'eva RK, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1487-93 (Eng. Abstr.) **(Rus)**

[Use of methods of pattern recognition to analyze the EEG of patients with different forms of epilepsy] Guliaeva SE, et al. **Zh Nevropatol Psikhiatr** 1985;85(6):827-31 (Eng. Abstr.) **(Rus)**

[Frequency and duration of minor epileptic seizures during treatment while undergoing multiple-day telemetric EEG monitoring] Kharitonov RA, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1470-4 (Eng. Abstr.) **(Rus)**

[Electrophysiologic correlates of generalized shifts in neurodynamics among rheumatoid arthritis patients] Logacheva EA. **Zh Nevropatol Psikhiatr** 1984;84(12):1798-1804 (Eng. Abstr.) **(Rus)**

[Bioelectric activity of the brain in the acute and convalescent periods of tick-borne encephalitis in children] Mitrokhina LA, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1483-7 (Eng. Abstr.) **(Rus)**

[Bioelectric activity of the brain in hypertoxic forms of meningococcal infection in children] Shipitsyna LM, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1493-8 (Eng. Abstr.) **(Rus)**

[Variability of the EEG in the acute period of comas resulting from cerebral circulatory disorders] Sumskiĭ LI. **Zh Nevropatol Psikhiatr** 1984;84(9):1300-8 (Eng. Abstr.) **(Rus)**

[Electroencephalographic and computer-tomographic correlations in cerebral circulatory disorders] Vereshchagin NV, et al. **Zh Nevropatol Psikhiatr** 1984;84(8):1126-33 (Eng. Abstr.) **(Rus)**

[Electroencephalographic characteristics of 'reserpine depression' (experimental study)] Zamoshchina TA, et al. **Zh Nevropatol Psikhiatr** 1984;84(9):1362-7 (Eng. Abstr.) **(Rus)**

[Value of electroencephalography in surgical procedures for the creation of extra-intracranial microvascular anastomoses] Kupch IaA, et al. **Zh Vopr Neirokhir** 1984 Sep-Oct;(5):14-20 (Eng. Abstr.) **(Rus)**

[Correlation of electric potentials of the hippocampus, amygdala and neocortex during instrumental conditioned reflexes in the dog] Aleksanov SN, et al. **Zh Vyssh Nerv Deiat** 1984 Jul-Aug;34(4):694-702 (Eng. Abstr.) **(Rus)**

[Electroencephalographic and motor indices of perception and possibility of information transfer from stage 2 to the REM phase of human sleep] Arons EK, et al. **Zh Vyssh Nerv Deiat** 1985 Mar-Apr;35(2):228-31 **(Rus)**

[Correlations among cortical potentials in the dog during the elaboration of motor alimentary conditioned reflexes] Dumenko VN. **Zh Vyssh Nerv Deiat** 1985 Jan-Feb;35(1):94-102 (Eng. Abstr.) **(Rus)**

[Regional features of the electrical activity of the neocortex in the dog over a wide range of frequencies] Dumenko VN. **Zh Vyssh Nerv Deiat** 1985 Mar-Apr;35(2):288-96 (Eng. Abstr.) **(Rus)**

[Intercentral correlations in the cerebral cortex according to the EEG coherence index after restoration of consciousness and speech following prolonged coma] Grindel' OM. **Zh Vyssh Nerv Deiat** 1985 Jan-Feb;35(1):60-7 (Eng. Abstr.) **(Rus)**

[Effect of noradrenaline on spatial synchronization and evoked potentials in the cerebral cortex of the rabbit] Ignat'ev DA. **Zh Vyssh Nerv Deiat** 1984 Jul-Aug; 34(4):743-51 (Eng. Abstr.) (Rus)

[Electric reactive potentials to events of a positive and negative emotional nature] Ivanitskiĭ AM, et al. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):413-9 (Eng. Abstr.) (Rus)

[Rhythms of the electroencephalogram and their functional significance] Livanov MN. **Zh Vyssh Nerv Deiat** 1984 Jul-Aug;34(4):613-26 (Rus)

[Functional differentiation of the theta-rhythm of the hippocampus in the cat] Melikov EM. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):457-64 (Eng. Abstr.) (Rus)

[Spatio-temporal characteristics of the EEG of the cat during formation of a delayed conditioned reflex before and after lesioning the temporal neocortex] Mordvinov EF, et al. **Zh Vyssh Nerv Deiat** 1984 Jul-Aug;34(4):703-9 (Eng. Abstr.) (Rus)

[Drug activation and inhibition of epileptic foci--dynamics of (dis)equilibrium and its significance in the treatment of epilepsy] Ilanković N, et al. **Srp Arh Celok Lek** 1984 Jul-Aug;112(7-8):861-6 (Scc)

[Vascular headache--a reflection of cerebrovascular dysfunction] Mihaljev-Martinov J, et al. **Med Pregl** 1984; 37(9-10):423-6 (Eng. Abstr.) (Scr)

[The effect of long-term stimulation of epileptic foci on their activity] Drličková V, et al. **Bratisl Lek Listy** 1984 Sep; 82(3):1087-93 (Eng. Abstr.) (Slo)

[Comb-like rhythm: an EEG pattern peculiar to leucinosis] Estivill E, et al. **An Esp Pediatr** 1985 Feb;22(2):123-7 (Eng. Abstr.) (Spa)

[EEG with sleep deprivation in epileptic children] Ortiz Camúñez MA, et al. **An Esp Pediatr** 1984 Sep 15; 21(3):191-7 (Eng. Abstr.) (Spa)

[Occipital spikes in the blind during sleep] Espinar Sierra J, et al. **Arch Neurobiol (Madr)** 1984 Jul-Aug;47(4):203-12 (Eng. Abstr.) (Spa)

[Neurophysiologic study in patients with chronic renal failure (CRF). Electroencephalographic and anatomopathologic study in dogs receiving different doses of heparin] Jiménez F, et al. **Arch Neurobiol (Madr)** 1984 Jul-Aug;47(4):173-82 (Eng. Abstr.) (Spa)

['Spindle coma': prognostic value] López-Alburquerque T, et al. **Arch Neurobiol (Madr)** 1984 Jul-Aug;47(4):193-202 (Eng. Abstr.) (Spa)

[Periodic lateralized epileptiform discharges. Development of the EEG in 2 clinical cases] Jiménez F, et al. **Rev Clin Esp** 1984 Sep 15;174(5):189-93 (Spa)

CLASSIFICATION

[Significance of the EEG for various classifications of epilepsies. Results in 856 epileptic children] Wässer S, et al. **Zentralbl Neurochir** 1984;45(4):318-25 (Eng. Abstr.) (Ger)

HISTORY

Pharmacoelectroencephalography: a note on its history. Fink M. **Neuropsychobiology** 1984;12(2-3):173-8

INSTRUMENTATION

Poor interrater reliability of MECTA EEG seizure duration measurement during ECT. Ries RK. **Biol Psychiatry** 1985 Jan;20(1):94-8

A microprocessor based instrument for the spectral analysis of the EEG in anaesthesia. Tooley MA, et al. **Clin Phys Physiol Meas** 1984 Nov;5(4):303-11

Retinotopic examinations with magneto encephalography. Single-channel recordings of visually evoked neuromagnetic fields. Schmidt B, et al. **Dev Ophthalmol** 1984;9:46-52

A general-purpose automatic multichannel electronic switch for EEG artifact elimination. Barlow JS. **Electroencephalogr Clin Neurophysiol** 1985 Feb;60(2):174-6

A simple electromagnetic mechanical stimulator for electrophysiological recording in man. Falipou P, et al. **Electroencephalogr Clin Neurophysiol** 1984 Dec;58(6):573-5

A four-channel SQUID magnetometer for brain research. Ilmoniemi R, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov;58(5):467-73

Automatic detection of spike-and-wave bursts in ambulatory EEG recordings. Koffler DJ, et al. **Electroencephalogr Clin Neurophysiol** 1985 Aug; 61(2):165-80

Technique to display topographical evolution of EEG events. Lemieux JF, et al. **Electroencephalogr Clin Neurophysiol** 1984 Dec;58(6):565-8

Instantaneous frequency meter with averaging capability based on interval duration measurement. Schmid K, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;60(1):90-2

A simple inexpensive, hydraulic microdrive for recording neocortical unit activity in the unanesthetized rat. Veregge S, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul; 61(1):94-7

Sensitivity analysis of depth EEG electrodes to dipolar electric sources. Church P, et al. **IEEE Trans Biomed Eng** 1985 Aug;32(8):554-60

Computerized topo-EEG spectral maps: difficulties and perspectives. Walter DO, et al. **Neuropsychobiology** 1984; 11(4):264-72

Postoperative evaluation of extracranial-intracranial arterial bypass by means of ultrasonic quantitative flow measurement and computed mapping of the electroencephalogram. Hyodo A, et al. **Neurosurgery** 1984 Sep;15(3):381-6

Inexpensive signal averager for evoked potentials based on a small personal computer: a technical note. Sutton LN, et al. **Neurosurgery** 1984 Sep;15(3):415-6

Application of automated REM and slow wave sleep analysis: II. Testing the assumptions of the two-process model of sleep regulation in normal and depressed subjects. Kupfer DJ, et al. **Psychiatry Res** 1984 Dec;13(4):335-43

Application of automated REM and slow wave sleep analysis: I. Normal and depressed subjects. Kupfer DJ, et al. **Psychiatry Res** 1984 Dec;13(4):325-34

New type of electrode for clinical EEG. Beaubernard CM. **Rev Electroencephalogr Neurophysiol Clin** 1985 Apr; 14(4):359-62

[Experiences with a new EEG spectral analyzer in carotid surgery] Russ W, et al. **Anaesthesist** 1985 Feb;34(2):85-90 (Eng. Abstr.) (Ger)

[Clinical experiences with the anesthesia and brain monitor (ABM)] Kochs E. **Anasth Intensivther Notfallmed** 1985 Jun; 20(3):151-4 (Eng. Abstr.) (Ger)

[Cortical evoked potentials with a microcomputer as a stimulation and analysis instrument] Johnson D, et al. **Biomed Tech (Berlin)** 1984 Sep;29(9):215-7 (Eng. Abstr.) (Ger)

[Automatic detection of grouped patterns in EEG] Ferber G, et al. **EEG EMG** 1985 Mar;16(1):1-5 (Eng. Abstr.) (Ger)

[Multiple sclerosis and the electroencephalogram (computer EEG studies)] Harrer G, et al. **Wien Med Wochenschr** 1985 Jan 31;135(1-2):38-40 (Eng. Abstr.) (Ger)

[Continuous electroencephalographic registration with the Berg-Fourier instrument: enflurane and clinical anesthesia] Maione M, et al. **Minerva Anestesiol** 1984 May;50(5):177-81 (Eng. Abstr.) (Ita)

[Intra-operative EEG monitoring; the performance of the NEUROTRAC] Kinefuchi Y, et al. **Masui** 1984 Oct; 33(10):1112-7 (Eng. Abstr.) (Jpn)

[Device for delineating isoelectric points and calculating the rate of changes in slow bioelectric processes] Magrachev IaI, et al. **Fiziol Zh SSSR** 1983 Jul;69(7):963-6 (Rus)

METHODS

Nocturnal sleep stereo-electroencephalography and polygraphy in epileptics. Faber J, et al. **Acta Univ Carol [Med Monogr] (Praha)** 1984;108:1-145

The limited usefulness of nasopharyngeal EEG recording in psychiatric patients. Ramani V, et al. **Am J Psychiatry** 1985 Sep;142(9):1099-100

Polysomnography scoring for sleep apnea. Use of a sampling method. Steyer BJ, et al. **Am Rev Respir Dis** 1985 Apr; 131(4):592-5

Compressed spectral array EEG monitoring during cardiac arrest and resuscitation. Young WL, et al. **Anesthesiology** 1985 Apr;62(4):535-8

Brain electrical activity in patients with presenile and senile dementia of the Alzheimer type. Duffy FH, et al. **Ann Neurol** 1984 Oct;16(4):439-48

Age-related differences in brain electrical activity of healthy subjects. Duffy FH, et al. **Ann Neurol** 1984 Oct;16(4):430-8

Electroencephalographic recording from the temporal lobes: a comparison of ear, anterior temporal, and nasopharyngeal electrodes. Sperling MR, et al. **Ann Neurol** 1985 May; 17(5):510-3

Amplitude and phase relations of electrocortical waves regulated by transhypothalamic dopaminergic neurones: a test for a linear theory. Wright JJ, et al. **Biol Cybern** 1984; 50(4):273-83

Correlation of deep and surface electroencephalograms with psychosis and hallucinations in schizophrenics: a report of two cases. Heath RG, et al. **Biol Psychiatry** 1985 Jun; 20(6):669-74

An afterdischarge window for ECT? Milstein V, et al. **Biol Psychiatry** 1984 Jul;19(7):1143-8

The relation of P3b to prior events and future behavior. Munson R, et al. **Biol Psychol** 1984 Aug;19(1):1-29

Event-related potentials in phonological matching tasks. Rugg MD. **Brain Lang** 1984 Nov;23(2):225-40

Management of infants and children for electroencephalography. Leonberg SC Jr. **Clin Electroencephalogr** 1984 Oct;15(4):202-7

Evoked potentials in the operating room. Hahn JF, et al. **Clin Neurosurg** 1983;31:389-403

Processing of the electroencephalogram in cardiac surgery. Pronk RA, et al. **Comput Programs Biomed** 1984; 18(3):181-9

Event-related potentials, lexical decision and semantic priming. Bentin S, et al. **Electroencephalogr Clin Neurophysiol** 1985 Apr; 60(4):343-55

Source derivation of the visual evoked response to pattern reversal stimulation. Clement RA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;62(1):74-6

Color imaging of parietal and frontal somatosensory potential fields evoked by stimulation of median or posterior tibial nerve in man. Desmedt JE, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;62(1):1-17

Binaural interaction in auditory brain-stem responses: effects of masking. Dobie RA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;62(1):56-64

Removal of ocular artifacts from the EEG—a biophysical approach to the EOG. Elbert T, et al. **Electroencephalogr Clin Neurophysiol** 1985 May; 60(5):455-63

Ambulatory monitoring of the electroencephalogram in high altitude mountaineers. Finnegan TP, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar;60(3):220-4

Comparison of EEG monitoring techniques: an evaluation during cardiac surgery. Glaria AP, et al. **Electroencephalogr Clin Neurophysiol** 1985 Oct; 61(4):323-30

Automated morphological analysis by means of dynamic time-warping. Jansen BH, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar;60(3):282-4

Uncertainties of topodiagnosis of auditory nerve and brain-stem auditory evoked potentials due to rarefaction and condensation stimuli. Maurer K. **Electroencephalogr Clin Neurophysiol** 1985 Mar; 62(2):135-40

Quantitative analysis of 'organization' by feature extraction of the EEG power spectrum. Nakamura M, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;60(1):84-9

Model referenced method of evoked potential analysis. O'Connor SJ, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov; 59(6):497-503

Moments of the power spectral density estimated from samples of the autocorrelation function (a robust procedure for monitoring changes in the statistical properties of lengthy non-stationary time series such as the EEG. Saltzberg B, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul;61(1):89-93

Two bilateral sources of the late AEP as identified by a spatio-temporal dipole model. Scherg M, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;62(1):32-44

On the optimal choice of a recording electrode in electroneurography. Schoonhoven R, et al. **Electroencephalogr Clin Neurophysiol** 1984 Oct; 58(4):308-16

Phase synchronized triggering: a method for coherent noise elimination in evoked potential recording. Sgro JA, et al. **Electroencephalogr Clin Neurophysiol** 1985 May;60(5):464-8

Real-time reconstruction of evoked potentials using a new two-dimensional filter method. Sgro JA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Sep; 62(5):372-80

A method for chronically recording brain-stem and cortical auditory evoked potentials from unanesthetized mice. Welch TM, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;60(1):78-83

The 'foramen ovale electrode': a new recording method for the preoperative evaluation of patients suffering from mesio-basal temporal lobe epilepsy. Wieser HG, et al. **Electroencephalogr Clin Neurophysiol** 1985 Oct; 61(4):314-22

Click spatial position influences middle latency auditory evoked potentials (MAEPs) in humans. Woods DL, et al. **Electroencephalogr Clin Neurophysiol** 1985 Feb;60(2):122-9

Stationary negative potentials near the source vs. positive far-field potentials at a distance. Yamada T, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jun; 60(6):509-24

Monitoring at the Instituut voor Epilepsiebestrijding Meer en Bosch. Binnie CD, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:341-55

Monitoring at the Swiss Epilepsy Center. Egli M, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:371-84

Automatic recognition of interictal spikes. Gotman J. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:93-114

Seizure recognition and analysis. Gotman J. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:133-45

Monitoring at the Montreal Neurological Institute. Gotman J, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:327-40

Recording media for the EEG. Ives JR. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985;37:61-72

Recording the time of day. Ives JR. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985;37:83-9

Amplification and transmission of the EEG. Kamp A. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985;37:27-40

Monitoring at the Baylor College of Medicine, Houston. Kellaway P, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:403-14

Electrodes. Morris HH 3d, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985;37:3-26

Monitoring at the University of California, Los Angeles. Nuwer MR, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:385-401

Video recording. Porter RJ, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985;37:73-82

Automatic recognition of spike and wave bursts. Principe JC, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985;37:115-32

Monitoring at the National Institute of Neurological and Communicative Disorders and Stroke. Sato S, et al.

Electroencephalogr Clin Neurophysiol [Suppl] 1985; 37:415–22

Cortical potentials related to voluntary, spontaneous and reflex blinking. Montagna P, et al. **Electromyogr Clin Neurophysiol** 1984 Nov–Dec;24(7):583–9

Spread of epileptic seizure activity in humans. Mars NJ, et al. **Epilepsia** 1985 Jan–Feb;26(1):85–94

How specific are periodic complexes in the diagnosis of herpes simplex encephalitis? Roches JC, et al. **Eur Neurol** 1984;23(6):466–71

Quantitative analysis of the EEG--general concepts and animal studies. Bronzino JD. **IEEE Trans Biomed Eng** 1984 Dec;31(12):850–6 (34 ref.)

Improved waveform estimation procedures for event-related potentials. McGillem CD, et al. **IEEE Trans Biomed Eng** 1985 Jun;32(6):371–9

On the normalized slope descriptor method of quantifying electroencephalograms. Walmsley M. **IEEE Trans Biomed Eng** 1984 Nov;31(11):720–3

Electrocortical activity and related phenomena associated with meditation practice: a literature review. Delmonte MM. **Int J Neurosci** 1984 Nov;24(3–4):217–31

Changes in EEG alpha power induced by repetitive ipsi- and contralateral hand movements. Olivan J, et al. **Int J Neurosci** 1984 Nov;24(3–4):239–43

Probe evoked potentials: theory, method and applications. Papanicolaou AC, et al. **Int J Neurosci** 1984 Oct; 24(2):107–31

Comparative factor analysis models for an empirical study of EEG data, III: Resolution of stationary generating signals with confirmation by variable deletion. Rogers LJ, et al. **Int J Neurosci** 1984 Nov;24(3–4):167–83

Sleep stage transitions and tonic REM in depression. Taub JM. **Int J Neurosci** 1984 Nov;24(3–4):245–60

Short-latency auditory responses obtained by cross correlation. Dobie RA, et al. **J Acoust Soc Am** 1984 Nov; 76(5):1411–21

Clinical and EEG evaluation of seizures and seizure-like disorders. Stores G. **J Am Acad Child Psychiatry** 1985 Jan; 24(1):10–6

An assessment of 24-hour ambulatory EEG/ECG monitoring in a neurology clinic. Cull RE. **J Neurol Neurosurg Psychiatry** 1985 Feb;48(2):107–10

Ambulatory EEG monitoring [letter] Dunstan EJ. **J Neurol Neurosurg Psychiatry** 1985 Aug;48(8):848

The clinical utility of ambulatory cassette EEG. Bridgers SL, et al. **Neurology** 1985 Feb;35(2):166–73

Direct comparison of 3- and 8-channel ambulatory cassette EEG with intensive inpatient monitoring. Ebersole JS, et al. **Neurology** 1985 Jun;35(6):846–54

Neurophysiological studies on conjoined twins. Hughes JR, et al. **Neuropediatrics** 1984 Oct;15(4):220–5

EEG spectral power and coherence analysis in healthy full-term neonates. Willekens H, et al. **Neuropediatrics** 1984 Oct;15(4):180–90

Electroencephalographic Cartography. I. By means of mini- or microcomputers. Reliability and interest of this electrical non-invasive brain imagery. Etevenon P, et al. **Neuropsychobiology** 1985;13(1–2):68–73

EEG-based multivariate statistical analysis of sleep stages. Molinari L, et al. **Neuropsychobiology** 1984;11(2):140–8

Changes in minute waves of superslow brain activity after various methods for electrostimulating two neocortical zones. Borodkin YuS, et al. **Neurosci Behav Physiol** 1984 Sep–Oct;14(5):373–9

Some electrophysiological parameters of brain function in young schoolchildren. Gorbachevskaya NL, et al. **Neurosci Behav Physiol** 1984 Nov–Dec;14(6):453–9

Compressed spectral analysis of the EEG in patients with acute cerebrovascular disturbance. Gusev EI, et al. **Neurosci Behav Physiol** 1985 Mar–Apr;15(2):144–51

Dynamics of evoked potentials in the course of progressive schizophrenia. Kirpichenko AA, et al. **Neurosci Behav Physiol** 1984 Nov–Dec;14(6):489–92

Role of electroencephalography in assessment of patients after meningococcal infection. Lobzin YuV, et al. **Neurosci Behav Physiol** 1984 Nov–Dec;14(6):449–52

Spectral characteristics of the cortex EEG for activation of the serotoninergic structures of the neocortex. Mamedov ZG, et al. **Neurosci Behav Physiol** 1984 Nov–Dec; 14(6):493–6

Comparison of clinical and encephalographic parameters in children with various types of intellectual subnormality. Novinskaya NL, et al. **Neurosci Behav Physiol** 1984 Nov–Dec;14(6):481–4

Disturbance of functional relations between specific and nonspecific brain systems after mild craniocerebral trauma. Sunskii LI, et al. **Neurosci Behav Physiol** 1984 Nov–Dec; 14(6):476–80

An EEG averaging technique for automated sleep-wake stage identification in the rat. van Luijtelaar EL, et al. **Physiol Behav** 1984 Nov;33(5):837–41

Topographic electroencephalographic study of ischemic cerebrovascular disease. Nagata K, et al. **Prog Brain Res** 1984;62:271–86

Parametric relationships between four different quantitative EEG methods in cerebral infarction. Tolonen U. **Prog Brain Res** 1984;62:51–64

Non-invasive follow-up studies of stroke patients with STA-MCA anastomosis; computerized topography of EEG and 133-xenon inhalation rCBF measurement. Yamakami I, et al. **Prog Brain Res** 1984;62:107–19

A quantitative polygraphic study of daytime somnolence and sleep in patients with excessive diurnal sleepiness. Roth B, et al. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(2):265–72

[Maximizing the signal:noise ratio in averaging evoked brain potentials] Peregrin J, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(3):267–75 (Eng. Abstr.) **(Cze)**

[Value of cassette-recorded long-term 8-channel EEG monitoring--ambulatory recording in known epileptics] Monge-Strauss MF, et al. **Rev Electroencephalogr Neurophysiol Clin** 1985 Apr; 14(4):309–18 (Eng. Abstr.) **(Fre)**

[Value of cassette-recorded long-term 8-channel EEG monitoring in status epilepticus--technical note] Monge-Strauss MF, et al. **Rev Electroencephalogr Neurophysiol Clin** 1985 Apr; 14(4):305–7 (Eng. Abstr.) **(Fre)**

[Ambulatory EEG monitoring (Medilog 9000). Initial results in a pediatric population] Plouin P, et al. **Rev Electroencephalogr Neurophysiol Clin** 1985 Apr; 14(4):363–7 (Eng. Abstr.) **(Fre)**

[The EEG in anesthesia and intensive care monitoring] Pichlmayr I, et al. **Anasth Intensivther Notfallmed** 1984 Dec;19(6):281–8 (Eng. Abstr.) **(Ger)**

[Brain function and artificial respiration] Prien T, et al. **Anasth Intensivther Notfallmed** 1984 Dec;19(6):289–96 (Eng. Abstr.) **(Ger)**

[Problems in the clinical use of steady state response] Cammann R, et al. **EEG EMG** 1985 Mar;16(1):6–9 (Eng. Abstr.) **(Ger)**

[Long-term EEG monitoring in epilepsy diagnosis] Zschocke S, et al. **Fortschr Neurol Psychiatr** 1984 Dec;52(12):438–50 (Eng. Abstr.) **(Ger)**

[Methods of sleep research] Schulz H. **Internist (Berlin)** 1984 Sep;25(9):523–30 **(Ger)**

[The electroencephalogram in advanced age] Christian W. **Nervenarzt** 1984 Oct;55(10):517–24 (Eng. Abstr.) **(Ger)**

[Clinical indications for the use of mobile long-term EEG] Inoue Y, et al. **Nervenarzt** 1985 Jan;56(1):37–42 **(Ger)**

[Biomagnetism from the neuropsychiatric viewpoint--principles of recent developments in diagnostic procedure] Kühne GE, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Apr; 37(4):189–96 (Eng. Abstr.) **(Ger)**

[Some electroencephalographic findings following bilateral and unilateral electroconvulsive treatment] Sack G. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Sep;36(9):533–6 (Eng. Abstr.) **(Ger)**

[Value of the EEG in the diagnosis of minimal brain dysfunction in early childhood] Kinze W. **Z Arztl Fortbild (Jena)** 1984;78(16):679–80 **(Ger)**

[Diagnostic value of a response EEG in severe neonatal asphyxia] Shcherbina NA, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):32–5 (Eng. Abstr.) **(Rus)**

[Method of analyzing jump-like changes in EEG rhythm] Skrylev KM. **Fiziol Cheloveka** 1984 Mar–Apr;10(2):333–6 **(Rus)**

[Integral assessment of the EEG correlation field] Genkin AA, et al. **Fiziol Zh SSSR** 1984 Dec;70(12):1691–3 **(Rus)**

[Perspectives in the use of the computer model called Autoregression/Slide average for analyzing EEG's] Zhirmunskaia EA, et al. **Usp Fiziol Nauk** 1984 Oct–Dec; 15(4):6–22 (55 ref.) **(Rus)**

[Determination of the risk factors in the development of borderline mental disorders, by electropolygraphic analysis] Dutov VB. **Voen Med Zh** 1984 Sep;(9):33–6 **(Rus)**

[Validity of the activation method in the EEG diagnosis of epilepsy] Bartko D, et al. **Cesk Neurol Neurochir** 1984 Aug; 47(4):255–60 (Eng. Abstr.) **(Slo)**

STANDARDS

Monitoring the processed EEG [letter] Bolsin SN, et al. **Anesth Analg** 1985 Jun;64(6):646–8

The success of EEG in confirming epilepsy—revisited. Hughes JR, et al. **Clin Electroencephalogr** 1985 Apr; 16(2):98–103

VETERINARY

Effects of fentanyl citrate and droperidol on electroencephalographic findings in dogs. Katherman AE, et al. **Am J Vet Res** 1985 Apr;46(4):974–6

Electroencephalographic patterns of clinically normal, sedated, and tranquilized newborn foals and adult horses. Mysinger PW, et al. **Am J Vet Res** 1985 Jan;46(1):36–41

Developmental EEG of the beagle dog. Senba H, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):771–81

Developmental EEG of the beagle dog under xylazine sedation. Tourai K, et al. **Nippon Juigaku Zasshi** 1985 Jun; 47(3):459–63

[Long-term recording of electrocortico- and electroencephalograms in conscious, swine. II. Results of visual graphic and quantitative computations] Scholle S, et al. **Z Versuchstierkd** 1984;26(5):189–96 (Eng. Abstr.) **(Ger)**

ELECTROENCEPHALOGRAPHY, ALPHA RHYTHM see ALPHA RHYTHM

ELECTROFOCUSING see ISOELECTRIC FOCUSING

ELECTROGALVANISM, INTRAORAL

Electrogalvanically-induced contact allergy of the oral mucosa. Report of a case. Lind PO, et al. **Int J Oral Surg** 1984 Aug;13(4):339–45

Charging people's batteries. Huggins HA. **Int J Orthod** 1984 Dec;22(4):14–7

Sore mouth caused by electrogalvanic current [letter] Ayres S Jr. **J R Soc Med** 1984 Aug;77(8):708–9

Salivary content of patients with subjective symptoms resembling galvanic pain. Syrjänen S, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):387–93

Clinical study of patients referred for investigation regarding so-called oral galvanism. Johansson B, et al. **Scand J Dent Res** 1984 Oct;92(5):469–75

Direct and indirect registration of currents between dental metallic restorations in the oral cavity. Johansson B, et al. **Scand J Dent Res** 1984 Oct;92(5):476–9

Oral galvanism and mandibular dysfunction. Haraldson T. **Swed Dent J** 1985;9(3):129–33

[Electrochemical and chemical processes in contact EMF in the oral cavity in the presence of metal dentures] Freidin LI, et al. **Stomatologiia (Mosk)** 1984 Nov–Dec;63(6):57–9 (Eng. Abstr.) **(Rus)**

ELECTROKYMOGRAPHY

Accuracy of cardiokymography during exercise testing: results of a multicenter study. Weiner DA. **J Am Coll Cardiol** 1985 Sep;6(3):502–9

[Electrokymography in the diagnosis of heart damage in closed chest injuries] Gusev NM, et al. **Grudn Khir** 1985 May–Jun;(3):41–6 (Eng. Abstr.) **(Rus)**

[Electroroentgenography in the supplementary examination of patients with coniotuberculosis detected on preventive fluorography] Sokolik LI, et al. **Probl Tuberk** 1984 Nov; (11):31–3 (Eng. Abstr.) **(Rus)**

INSTRUMENTATION

[Graphic visualization of a pulsating object by fluoroscopy, a new conceptual device] Walter E. **Biomed Tech (Berlin)** 1985 Apr;30(4):70–5 (Eng. Abstr.) **(Ger)**

ELECTROLYSIS

Histologic changes of human hair follicles after electrolysis: a comparison of two methods. Kligman AM, et al. **Cutis** 1984 Aug;34(2):169–76

Electrolysis and thermolysis for permanent hair removal. Wagner RF Jr, et al. **J Am Acad Dermatol** 1985 Mar; 12(3):441–9

Electrolysis for recanalization of urinary collecting system obstructions: a percutaneous approach. Cardella JF, et al. **Radiology** 1985 Apr;155(1):87–90

[Blood serotonin levels and urinary excretion of tryptamine in toxic hepatitis caused by fluoride compounds] Medvedeva VN. **Vrach Delo** 1985 Jun;(6):92–5 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

[Lens disorders in workers in electrolytic shops] Dobromyslov AN, et al. **Vestn Oftalmol** 1985 May–Jun; 101(3):58–9 (Eng. Abstr.) **(Rus)**

METHODS

[Diffusion chromizing of medical equipment parts made of carbon steels] Rybkin VF, et al. **Med Tekh** 1985 Mar–Apr; (2):34–6 (Eng. Abstr.) **(Rus)**

ELECTROLYTES

see related
FLUID THERAPY
WATER-ELECTROLYTE BALANCE

Electrolytes and plasma volume regulation in hypovolemic shock. Scholten DJ. **Am J Emerg Med** 1984 Jan;2(1):86–91

Preparation of an oral lavage solution for bowel cleansing [letter] Frye CB, et al. **Am J Hosp Pharm** 1985 Feb; 42(2):276, 278

Enzymes in polyelectrolyte complexes. The effect of phase transition on thermal stability. Margolin AL, et al. **Eur J Biochem** 1985 Feb 1;146(3):625–32

Medication washout [letter] Shah A, et al. **Gastrointest Endosc** 1985 Aug;31(4):291

Application of the positive reality principle to metal electrode linear polarization phenomena. Sun HH, et al. **IEEE Trans Biomed Eng** 1984 Oct;31(10):664–74

ADMINISTRATION & DOSAGE

Hydroxyethyl starches, dextran and balanced salt solution in correction of hypotension during epidural anaesthesia. Koski E, et al. **Acta Anaesthesiol Scand** 1984 Dec; 28(6):595–9

Oral glucose-electrolyte solutions [editorial] Finberg L. **Am J Dis Child** 1985 Jun;139(6):552

Oral glucose-electrolyte solutions as maintenance therapy of acute diarrhea. Listernick R, et al. **Am J Dis Child** 1985 Jun;139(6):571–4

Effects of chronic changes in dietary electrolytes and acute stress on plasma levels of corticosterone and aldosterone in the duck (Anas platyrhynchos). Klingbeil CK. **Gen Comp Endocrinol** 1985 Apr;58(1):10–9

Outpatient use of oral rehydration solutions in Apache population: effect of instructions on preparation and contamination. Santosham M, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):687–91

Dextrolyte in the management of children with acute gastroenteritis. Trounce JQ, et al. **Practitioner** 1985 Jan; 229(1399):80–2

Fingers or spoons to make oral rehydration solution? Steinhoff MC, et al. **Trans R Soc Trop Med Hyg** 1985; 79(3):366–8

[Effects of rapid infusion on renal excretion—comparisons between maintenance salt solution and lactated Ringer's solution and between racemic lactated solution and L-lactated one] Miyake T, et al. **Masui** 1985 Feb; 34(2):228–35 (Eng. Abstr.) **(Jpn)**

[Use of gastrointestinal dialysis in the treatment of chronic renal failure] Bubiński R, et al. **Wiad Lek** 1984 Sep 15; 37(18):1421–5 (19 ref.) (Eng. Abstr.) **(Pol)**

[Acute diarrhea syndrome. Rehydration and maintenance therapy using oral gluco-electrolyte formulas] Duffau Toro G, et al. **Bol Of Sanit Panam** 1985 Feb;98(2):136–43 (Eng. Abstr.) **(Spa)**

[Preparation of the colon using total intestinal irrigation (letter)] Marin P, et al. **Rev Med Chil** 1983 Jul;111(7):723–4 **(Spa)**

ADVERSE EFFECTS

Golytely lavage versus a standard colonoscopy preparation. Effect on normal colonic mucosal histology. Pockros PJ, et al. **Gastroenterology** 1985 Feb;88(2):545–8

ANALYSIS

Local changes of skeletal muscle electrolytes and water after high-energy trauma. Holmström A, et al. **Acta Chir Scand** 1985;151(2):115–9

Stool electrolyte and osmolality measurements in the evaluation of diarrheal disorders. Shiau YF, et al. **Ann Intern Med** 1985 Jun;102(6):773–5

Oral rehydration solutions and electrolyte content of water [letter] Mir NA, et al. **Arch Dis Child** 1984 Sep;59(9):903

Electrolyte and protein levels in bovine tears. Maidment DC, et al. **Br Vet J** 1985 Mar–Apr;141(2):169–73

Preliminary studies of mammary secretions in the mare to assess foetal readiness for birth. Ousey JC, et al. **Equine Vet J** 1984 Jul;16(4):259–63

Cortisol and its effects on plasma thyroid hormone and electrolyte concentrations in fresh water and during seawater acclimation in yearling coho salmon, Oncorhynchus kisutch. Redding JM, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):146–55

The correlation between serum digoxin and electrolytes in saliva and erythrocytes in digitalized patients. Ben-Aryeh H, et al. **J Oral Med** 1982 Oct–Dec;37(4):124–9

Environmental deprivation and transient elevation of sweat electrolytes. Christoffel KS, et al. **J Pediatr** 1985 Aug; 107(2):231–4

Sodium, potassium, calcium, magnesium, zinc, citrate and chloride content of human prostatic and seminal fluid. Kavanagh JP. **J Reprod Fertil** 1985 Sep;75(1):35–41

Effect of the nature of the oil and electrolyte concentration on the type and stability of emulsions. Uzuner YY, et al. **Pharm Acta Helv** 1985;60(7):199–202

[The ISE 2020 electrolyte analyzer: results of a multicenter evaluation] Paschen VK, et al. **J Clin Chem Clin Biochem** 1985 Apr;23(4):187–96 (Eng. Abstr.) **(Ger)**

[Levels of sodium, potassium, chloride, inorganic phosphate, calcium, glucose, uric acid, urea N and creatinine in the saliva of healthy children with low and high caries activity] Liappis N, et al. **Zahn Mund Kieferheilkd** 1984;72(7):657–62 (Eng. Abstr.) **(Ger)**

[Rate of lymph flow and the protein-electrolyte composition of the lymph from the thoracic duct in experimental acholia] Minnebaev MM, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):663–4 (Eng. Abstr.) **(Rus)**

[Structure of the vestibular apparatus and ionic composition of the body of Xenopus laevis larvae as affected by weightlessness] Lychakov DV, et al. **Kosm Biol Aviakosm Med** 1985 May–Jun;19(3):48–52 (Eng. Abstr.) **(Rus)**

BLOOD

Relationship between plasma volume reduction and plasma electrolyte changes after prolonged bicycle exercise, passive heating and diuretic dehydration. Kubica R, et al. **Acta Physiol Pol** 1983 Sep–Dec;34(5–6):569–79

Serum chemistry abnormalities in adult patients with seizures. Powers RD. **Ann Emerg Med** 1985 May;14(5):416–20

Near drowning in the dead sea. Electrolyte imbalances and therapeutic implications. Yagil Y, et al. **Arch Intern Med** 1985 Jan;145(1):50–3

Changes in haematological values and plasma electrolytes following storage of whole blood samples collected from horses. Epstein V. **Aust Vet J** 1984 Oct;61(10):325–7

The hematocrit-electrolyte-concentration-apparatus (HECA). Kiesewetter H, et al. **Biorheology** 1984;Suppl 1:155–7

Analytical performance of the ion-selective electrodes used in the Hitachi 705 [letter] Adam A, et al. **Clin Chem** 1984 Oct;30(10):1720

Laboratory evaluation of the Greiner G-400 discrete selective multichannel analyzer. Degiampietro P, et al. **Clin Chem** 1985 Feb;31(2):302–5

Factors influencing normal reference intervals for creatinine, urea, and electrolytes in plasma, as measured with a Beckman Astra 8 Analyzer. Rodger RS, et al. **Clin Chem** 1985 Feb;31(2):292–5

Simple micromethod for determination of erythrocyte electrolyte concentration [letter] Suzuki K, et al. **Clin Chem** 1985 Jan;31(1):156–7

Plasma urea and electrolytes: the clinical need. Morgan DB. **Clin Endocrinol Metab** 1984 Jul;13(2):399–412

Plasma Na+-K+ ATPase inhibitory activity in normal and hypertensive subjects: relationship to intracellular electrolytes and blood pressure. Boschi S, et al. **Clin Exp Hypertens** [A] 1985;7(5–6):735–53

The effect of potassium on the hypertensive and electrolyte responses to ACTH administration in sheep. Mills EH, et al. **Clin Exp Hypertens** [A] 1984;6(9):1613–24

Serum concentration of Na, K, Ca, Mg, P, Zn and Cu in patients with essential arterial hypertension. Uza G, et al. **Clin Exp Hypertens** [A] 1984;6(8):1415–29

Stability and inter-relationships of hormone, haemodynamic and electrolyte levels in heart failure in man. Fitzpatrick MA, et al. **Clin Exp Pharmacol Physiol** 1985 Mar–Apr; 12(2):145–54

The effect of osmotic and ion-osmotic stresses on the blood and urine composition and urine flow of rainbow trout (Salmo gairdneri). Kostecki PT. **Comp Biochem Physiol [A]** 1984;79(2):215–21

Effects of daily corticosterone injections upon plasma glucose, insulin, uric acid and electrolytes and food intake pattern in the chicken. Simon J. **Diabete Metab** 1984 Sep; 10(3):211–7

Disorders of serum electrolytes and renal function in patients treated with cis-platinum on an outpatient basis. Giaccone G, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):433–7

Some new aspects on emesis gravidarum. Relations to clinical data, serum electrolytes, total protein and creatinine. Järnfelt-Samsioe A, et al. **Gynecol Obstet Invest** 1985; 19(4):174–86

Electro-cardiographic and serum electrolyte changes during menstrual cycle [letter] Datta S, et al. **Indian J Physiol Pharmacol** 1984 Apr–Jun;28(2):167–9

Anion gap in nephrotic syndrome. Sheth KJ, et al. **Int J Pediatr Nephrol** 1984 Jun;5(2):89–92

Influence of different heparin solutions upon blood gas analysis and biochemical values measured in plasma. Boidin MP, et al. **Intensive Care Med** 1984;10(5):255–60

Plasma aldosterone, cortisol and electrolyte concentrations in physical exercise after magnesium supplementation. Golf SW, et al. **J Clin Chem Clin Biochem** 1984 Nov; 22(11):717–21

Influence of continuous infusion of citrate on responses of immunoreactive parathyroid hormone, calcium and magnesium components, and other electrolytes in normal adults during plateletapheresis. Toffaletti J, et al. **J Clin Endocrinol Metab** 1985 May;60(5):874–9

Regulation of cation content and cell volume in hemoglobin erythrocytes from patients with homozygous hemoglobin C disease. Brugnara C, et al. **J Clin Invest** 1985 May; 75(5):1608–17

Influence of angiotensin II on the concentration of arterial plasma electrolytes in anaesthetized sheep. Osborn EC, et al. **J Endocrinol** 1985 Jan;104(1):143–8

Effects of primaquine on serum biochemical and hematological parameters in anesthetized Macaca fascicularis. Kapeghian JC, et al. **J Med Primatol** 1984; 13(2):97–103

The hemogram, serum biochemistry, and electrolyte profile of aged rhesus monkeys (Macaca mulatta). Kessler MJ, et al. **J Med Primatol** 1983;12(4):184–91

Blood values of free-ranging patas monkeys (Erythrocebus patas). Kessler MJ, et al. **J Med Primatol** 1983;12(4):209–17

Blood chemical and electrolyte concentrations in the ostrich Struthio camelus. Van Heerden J, et al. **J S Afr Vet Assoc** 1985 Jun;56(2):75–9

Serum electrolyte changes in near-drowning victims [editorial] Modell JH. **JAMA** 1985 Jan 25;253(4):557

Blood pressure and intracellular electrolytes during weight reduction. Karoff C, et al. **Klin Wochenschr** 1985;63 Suppl 3:129–31

Electrolytes and ventricular arrhythmias. Havestadt C, et al. **Magnesium** 1985;4(1):29–33

The influence of jejunoileal ratio on plasma electrolytes and liver function in intestinal bypass for morbid obesity. A randomized trial. Håkansson T, et al. **Scand J Gastroenterol** 1985 Mar;20(2):179–82

Red blood cell electrolytes for monitoring digoxin therapy in adults. van Boxtel CJ, et al. **Ther Drug Monit** 1985; 7(2):191–6

Electrolyte composition and equilibrium in hemoglobin CC red blood cells. Brugnara C, et al. **Trans Assoc Am Physicians** 1984;97:104–12

[Effect of magnesium on erythrocytic electrolytes in digitalis poisoning] Wang L. **Chung Hua Nei Ko Tsa Chih** 1984 Jun;23(6):333–5, 396 (Eng. Abstr.) **(Chi)**

[Electrolyte (Ca, Mg, inorganic phosphate, Na, K) levels in blood plasma of sows during the beginning of parturition as well as in whole litters of newborn piglets prior to the uptake of colostrum and in 16 to 24 hours following birth] Kupski A, et al. **Arch Exp Veterinarmed** 1984 Sep; 38(5):704–21 (Eng. Abstr.) **(Ger)**

[Electrolyte changes in acute leukemia in childhood] Gadner H, et al. **Padiatr Padol** 1985;20(2):117–26 (Eng. Abstr.) **(Ger)**

[Serum electrolytes and acid-base parameters in blood and urine in cows with abomasal displacement (with reference to the reflux syndrome)] Vörös K, et al. **Zentralbl Veterinarmed [A]** 1985 Feb;32(2):110–8 (Eng. Abstr.) **(Ger)**

[Buffer systems, protein and electrolyte levels and erythrocyte indices in calves fed with beestings and milk substitutes] Hejlasz Z, et al. **Pol Arch Weter** 1984; 24(2):229–37 (Eng. Abstr.) **(Pol)**

[Macro- and microelements in duodenal ulcer] Erzinkian KL, et al. **Sov Med** 1985;(2):12–5 (Eng. Abstr.) **(Rus)**

[Effect of physical exertion on the activity of the humoral pressor systems and electrolytes in the initial stages of arterial hypertension] Liusov VA, et al. **Sov Med** 1985; (2):3–9 (Eng. Abstr.) **(Rus)**

[A partial ileal bypass in an experiment] Ziman P, et al. **Bratisl Lek Listy** 1984 Aug;82(2):955–62 (Eng. Abstr.) **(Slo)**

[Hemoconcentration in calves in relation to actual and corrected values of metabolic profile parameters] Slanina L, et al. **Vet Med (Praha)** 1984 Jul;29(7):435–45 (Eng. Abstr.) **(Slo)**

DIAGNOSTIC USE

Golytely lavage—is metoclopramide necessary? Brady CE 3d, et al. **Am J Gastroenterol** 1985 Mar;80(3):180–4

METABOLISM

Influence of lithium on biliary electrolyte and bile acid excretion in young and adult rats. Kersten L, et al. **Acta Physiol Hung** 1985;65(2):129–35

Sympathetic control of jejunal fluid and electrolyte transport. An experimental study in cats and rats. Sjövall H. **Acta Physiol Scand [Suppl]** 1984;535:1–63

Consequence of colonic involvement on electrolyte and acid-base homeostasis in Crohn's disease. Caprilli R, et al. **Am J Gastroenterol** 1985 Jul;80(7):509–12

Human uterine fluid, examined in undiluted samples for osmolarity and the concentrations of inorganic ions, albumin, glucose, and urea. Casslén B, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):877–81

Evidence for protein kinase C as a regulator of intestinal electrolyte transport. Fondacaro JD, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):G422–6

Primary culture of duck salt gland. II. Neurohormonal stimulation of active transport. Lowy RJ, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C41–7

Steroids alter ion transport and absorptive capacity in proximal and distal colon. Sellin JH, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):G113–9

Effect of systemic acid-base disorders on colonic intracellular pH and ion transport. Wagner JD, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):G39–47

Secretory effects of intravenous serotonin on the proximal jejunum of the awake dog. McFadden D, et al. **Am J Surg** 1985 Jan;149(1):60–4

Effects of glycerol on the inner ear fluid electrolytes of guinea pigs—oral and intravenous administration. Kanoh N, et al. **Auris Nasus Larynx** 1984;11(3):125–38

Fluid-electrolyte metabolism and renal function of white rats in experiments aboard Cosmos biosatellites. Gazenko OG, et al. **Aviat Space Environ Med** 1984 Aug;55(8):685–91

Strong electrolyte continuum theory solution for equilibrium profiles, diffusion limitation, and conductance in charged ion channels. Levitt DG. **Biophys J** 1985 Jul;48(1):19–31

Absorption of electrolytes and volatile fatty acids in the hind-gut of the rabbit. Circadian rhythm of hind-gut electrolytes and plasma aldosterone. Vernay M, et al. **Br J Nutr** 1984 Sep;52(2):419–28

The effect of high dose medroxyprogesterone acetate on water and salt metabolism in advanced cancer patients. Lelli G, et al. **Chemioterapia** 1984 Oct;3(5):327–9

The pharmacological modification of secretory responses. Miller RJ, et al. **Ciba Found Symp** 1985;112:155–74

Effect of reperfusion late in the phase of reversible ischemic injury. Changes in cell volume, electrolytes, metabolites, and ultrastructure. Jennings RB, et al. **Circ Res** 1985 Feb; 56(2):262–78

Disorders of the adrenal cortex: their effects on electrolyte metabolism. Fraser R. **Clin Endocrinol Metab** 1984 Jul; 13(2):413–30 (75 ref.)

Familial meconium ileus with normal sweat electrolytes. Tal A, et al. **Clin Pediatr (Phila)** 1985 Aug;24(8):460–2

Segmental action of aldosterone on water and electrolyte transport across rabbit colon in vivo. Clauss W. **Comp Biochem Physiol [A]** 1985;81(4):873–7

In vitro absorption of inorganic phosphate and other electrolytes in the carp intestine. Nakamura Y. **Comp Biochem Physiol [A]** 1985;80(1):17–20

Effects of anesthesia on the electrolyte concentrations in blood and coelomic fluid of the earthworm, Pheretima communissima. Oguro C, et al. **Comp Biochem Physiol [C]** 1984;79(2):277–9

The mechanism of fluid and electrolyte transport across corneal endothelium: critical revision and update of a model. Fischbarg J, et al. **Curr Eye Res** 1985 Apr; 4(4):351-60

Effect of corticosteroids on electrolyte transport of the isolated human and rabbit lens. Kana JS, et al. **Curr Eye Res** 1985 Apr;4(4):461-5

Relationship between rectal mucosal prostaglandin production and water and electrolyte transport in ulcerative colitis. Rampton DS, et al. **Digestion** 1984; 30(1):13-22

Effects of feed-pairing and different doses of doxorubicin on mortality and electrolyte changes in the mouse heart. Giri SN, et al. **Drug Chem Toxicol** 1984;7(2):193-212

Effects of verapamil on doxorubicin-induced mortality and electrolyte changes in the mouse heart. Giri SN, et al. **Drug Chem Toxicol** 1984;7(4):407-22

Magnesium, electrolyte transport and coronary vascular tone. Altura BM, et al. **Drugs** 1984 Oct;28 Suppl 1:120-42 (190 ref.)

Endocrine physiology of electrolyte metabolism. Dawson KG. **Drugs** 1984 Oct;28 Suppl 1:98-111 (71 ref.)

Ischaemic heart disease. An epidemiological perspective with special reference to electrolytes. Karppanen H. **Drugs** 1984 Oct;28 Suppl 1:17-27

Effects of acute and chronic phenytoin on the electrolyte content and the activities of Na+, K+-, Ca2+, Mg2+-, and HCO3- -ATPases and carbonic anhydrase of neonatal and adult rat cerebral cortex. White HS, et al. **Epilepsia** 1985 Jan-Feb;26(1):43-57

Water and electrolyte content of rabbit brain after opening the blood-brain barrier by acute hypertension. Ziylan YZ, et al. **Exp Neurol** 1985 Feb;87(2):198-205

Heligmosomoides polygyrus: inoculum size and glucose, ion, and gas fluxes in the small intestine of mice. Hsu SC, et al. **Exp Parasitol** 1985 Aug;60(1):55-62

Structural adaptation to altered electrolyte metabolism by cortical distal segments. Kaissling B. **Fed Proc** 1985 Aug; 44(11):2710-6 (34 ref.)

The effects of high dietary levels of sodium saccharin on mineral and water balance and related parameters in rats. Schoenig GP, et al. **Food Chem Toxicol** 1985 Apr-May; 23(4-5):465-74

The biochemical changes in pericardial fluid after death. An investigation of the relationship between the time since death and the rise or fall in electrolyte and enzyme concentrations and their possible usefulness in determining the time of death. Balasooriya BA, et al. **Forensic Sci Int** 1984 Oct;26(2):93-102

Effect of cimetidine on net ion fluxes across the rat gastric mucosa during mucosal damage after gastric ischemia and after intravenous acetylsalicylic acid. Pipkin G, et al. **Gastroenterology** 1984 Dec;87(6):1283-91

Electrolyte transport across the basolateral membrane of the parietal cells. Muallem S, et al. **J Biol Chem** 1985 Jun 10; 260(11):6641-53

Diarrhea in streptozocin-treated rats. Loss of adrenergic regulation of intestinal fluid and electrolyte transport. Chang EB, et al. **J Clin Invest** 1985 May;75(5):1666-70

Relation of blood pressure with body and plasma electrolytes in Conn's syndrome. Beretta-Piccoli C, et al. **J Hypertens** 1983 Aug;1(2):197-205

The absorptive function of colonic aganglionic intestine: are the Duhamel and Martin procedures rational? Heath AL, et al. **J Pediatr Surg** 1985 Feb;20(1):34-6

Influence of chronic bisacodyl treatment on the effect of acute bisacodyl on water and electrolyte transport in the rat colon. Beubler E. **J Pharm Pharmacol** 1985 Feb; 37(2):131-3

Renal tubular action of prostaglandin E2 on water and electrolyte excretion in the nonanesthetized chicken. Beseghir K. **J Pharmacol Exp Ther** 1985 Jun;233(3):823-9

Hormonal regulation of electrolyte and water transport in the colon. Lückhoff A, et al. **Klin Wochenschr** 1984 Jun 15;62(12):555-63 (92 ref.)

Electrolyte imbalance of cultured vascular smooth muscle cells from SHR, its cause and effect. Yamori Y, et al. **Klin Wochenschr** 1985;63 Suppl 3:33-4

Mechanisms of intestinal electrolyte transport and regulation by calcium. Proceedings of a conference, Santa Ynez Valley, California, September 26-30, 1983. **KROC Found Ser** 1984;17:1-374

Electrolyte transport in a human colonic cell line: regulation by cAMP and calcium. Cartwright CA, et al. **KROC Found Ser** 1984;17:65-75

Systemic acid-base disorders and intestinal electrolyte transport. Charney AN, et al. **KROC Found Ser** 1984; 17:101-17 (82 ref.)

Protein phosphorylation and the control of intestinal electrolyte transport. Sharp GW, et al. **KROC Found Ser** 1984;17:241-61 (41 ref.)

Vesicle studies of intestinal electrolyte transport. Wright EM. **KROC Found Ser** 1984;17:3-12

Inhibition of Na+-coupled solute transport by calcium in brush border membrane vesicles. Fondacaro JD, et al. **Life Sci** 1984 Sep 24;35(13):1431-8

Influence of serosal hydrostatic pressure on net water and electrolyte transport across the isolated rat colonic mucosa exposed to different secretagogues. Karbach U, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Oct; 327(4):336-41

Intracellular ionic changes during hyperthermia of tumor cells in the presence of lanthanum. Anghileri LJ, et al. **Neoplasma** 1985;32(3):369-73

Apparent absence of cystic fibrosis sweat factor on ion-selective and transport properties of the perfused human sweat duct. Bijman J, et al. **Pediatr Res** 1984 Dec; 18(12):1292-6

Electron microprobe analysis of proximal tubule cellular Na, Cl and K element concentrations during acute mannitol-saline volume expansion in rats: evidence for inhibition of the Na pump. Györy AZ, et al. **Pflugers Arch** 1985 Feb;403(2):205-9

Ionic distributions and volume maintenance in human lymphocytes. Negendank W. **Physiol Chem Phys Med NMR** 1984;16(1):3-20

Concentrations of selected cations in turkey serum and oviductal mucosae. Bakst MR, et al. **Poult Sci** 1985 Mar; 64(3):555-63

Influence of prostaglandins on electrolyte metabolism of human trabecular bone in vitro. Keck E, et al. **Prostaglandins** 1984 Oct;28(4):455-67

Mechanisms of electrolyte transport in the liver and their functional significance. Moseley RH, et al. **Semin Liver Dis** 1985 May;5(2):122-35 (166 ref.)

Studies of the kallikrein-kinin system and prostaglandins in epithelial ion transport. Margolius HS, et al. **Soc Gen Physiol Ser** 1985;39:121-33 (41 ref.)

Ion fluxes and differentiation in transformed cell lines. Rosoff PM, et al. **Soc Gen Physiol Ser** 1985;39:193-204 (42 ref.)

Acute and chronic effects of truncal vagotomy upon glucose absorption, water and electrolyte fluxes in the small intestine of the rabbit. Andrews NJ. **Surg Gynecol Obstet** 1985 Jul;161(1):33-6

Hormonal and electrolyte responses during and after open heart surgery. Chambers DJ, et al. **Thorac Cardiovasc Surg** 1984 Dec;32(6):358-64

Liberation of electrolytes during the induced autolysis of Aspergillus niger. Lahoz R, et al. **Zentralbl Mikrobiol** 1985; 140(1):83-7

[Cholinergic muscarinic excitation and its ionic mechanism] Ren K, et al. **Sheng Li Ko Hsueh Chin Chan** 1984 Jan; 15(1):71-4 **(Chi)**

[Parenteral nutrition and pathobiochemistry. Mutual relations] Kazda A. **Cas Lek Cesk** 1985 Aug 2;124(31):965-9 (Eng. Abstr.) **(Cze)**

[Adaptation of distal tubular segments to changes in electrolyte metabolism] Kaissling B, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:185-91 **(Ger)**

[Pathophysiological study of the ileum after total colectomy in combination with mucosal proctectomy and ileoanostomy—the alteration in water and electrolyte absorption by the ileum after ileoanostomy] Sawai S. **Nippon Geka Gakkai Zasshi** 1984 Oct;85(10):1349-58 (Eng. Abstr.) **(Jpn)**

[Electrolytes transport by the gallbladder and diuretics] Suzuki K, et al. **Nippon Rinsho** 1984 Sep;42(9):2039-45 (39 ref.) **(Jpn)**

[Changes in the electrolyte composition of the blood and muscles in carp infection with Ichthyophthirius multifiliis (Ciliata, Ophryoglenidae)] Limanskiĭ VV, et al. **Parazitologiia** 1984 Nov-Dec;18(6):479-81 (Eng. Abstr.) **(Rus)**

[Changes in vicarious gastric function in relation to urea and electrolyte excretion in rats in the early stages of development of chronic kidney failure] Ryss ES, et al. **Patol Fiziol Eksp Ter** 1984 Sep-Oct;(5):58-61 (Eng. Abstr.) **(Rus)**

[Changes in the electrolyte composition of the heart, liver and kidneys of the rat in pre- and postnatal ontogeny] Denisova LA, et al. **Zh Evol Biokhim Fiziol** 1985 Jan-Feb; 21(1):13-8 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Contraluminal sulfate transport in the proximal tubule of the rat kidney. I. Kinetics, effects of K+, Na+, Ca2+, H+, and anions. Ullrich KJ, et al. **Pflugers Arch** 1984 Nov; 402(3):264-71

[Chemiluminescence of peritoneal macrophages activated by non-natural polyelectrolytes] Korkina LG, et al. **Dokl Akad Nauk SSSR** 1985 May-Jun;282(1):206-9 **(Rus)**

SECRETION

The effects of alpha-methylnoradrenaline on protein and electrolyte secretion by rat submandibular and parotid glands. Abe K, et al. **Comp Biochem Physiol [C]** 1984; 78(2):383-9

Techniques for studying biliary secretion: electrolytes in bile. Bear CE, et al. **Hepatology** 1984 Sep-Oct;4(5 Suppl):25S-30S

[Salivary secretion of catecholamines and electrolytes in persons with various degrees of dental caries] Mikhaĭlov VV, et al. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):6-7 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Drug clearance by diarrhea induction. Porter RS, et al. **Am J Emerg Med** 1985 May;3(3):182-6

Comparison of blood cardioplegia to electrolyte cardioplegia on the effectiveness of preservation of right atrial myocardium: mitochondrial morphometric study. Chen YF, et al. **Ann Thorac Surg** 1985 Feb;39(2):134-8

Wash away a bellyache [letter] Moss G. **Arch Surg** 1985 Sep; 120(9):1088

Comparison of cleansing methods in preparation for colonic surgery. Beck DE, et al. **Dis Colon Rectum** 1985 Jul; 28(7):491-5

In search of a super oral rehydration solution: can optimum use of organic solute-mediated sodium absorption lead to the development of an absorption promoting drug? Mahalanabis D, et al. **J Diarrhoeal Dis Res** 1983 Jun; 1(2):76-81 (23 ref.)

Oral electrolyte/glucose solutions: 1984. Finberg L. **J Pediatr** 1984 Dec;105(6):939-40

American Academy of Pediatrics Committee on Nutrition: Use of oral fluid therapy and posttreatment feeding following enteritis in children in a developed country. Mauer AM, et al. **Pediatrics** 1985 Feb;75(2):358-61

Tenckhoff catheter administration of intraperitoneal fluid and electrolytes for long-term management of intractable ileostomy diarrhea: a case report. August DA, et al. **Surgery** 1985 Feb;97(2):237-41

[Treatment of gastroenteritis dehydration with a gluco-electrolytic solution given orally in a hospital milieu] Baldellou Vázquez A, et al. **An Esp Pediatr** 1984 Jun; 20(9):860-8 (Eng. Abstr.) **(Spa)**

URINE

Renal clearance and fractional excretion of electrolytes over a 24-hour period in horses. Morris DD, et al. **Am J Vet Res** 1984 Nov;45(11):2431-5

Urinary excretion of electrolytes during prolonged physical activity in normal man. Lijnen P, et al. **Eur J Applied Physiol** 1985;53(4):317-21

Effect of nitrendipine on urine volume, osmolality, and electrolyte excretion in normal, adrenal-enucleate, and mononephrectomized rats. Hall CE, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 7:S1028-31

The urinary excretory pattern of nitrogenous wastes and electrolytes in normal Thai. Indraprasit S, et al. **J Med Assoc Thai** 1984 Aug;67(8):419-24

Stimulation of PGE2 synthesis and water and electrolyte secretion by senna anthraquinones is inhibited by indomethacin. Beubler E, et al. **J Pharm Pharmacol** 1985 Apr;37(4):248-51

Renal and electrolyte effects of total parenteral nutrition. Batuman V, et al. **JPEN** 1984 Sep-Oct;8(5):546-51

Circadian rhythms of urinary excretions of water and electrolytes in patients receiving total parenteral nutrition (TPN). Muratani H, et al. **Life Sci** 1985 Aug 19;37(7):645-9

Effect of minor surgery on urinary flow and electrolyte excretion in the awake dog. Frommer JP, et al. **Miner Electrolyte Metab** 1985;11(2):91-6

Effects of (Sp)- and (Rp)-adenosine cyclic 3',5'-phosphorothioates on electrolyte excretion by the isolated perfused rat kidney. Scheinman SJ, et al. **Miner Electrolyte Metab** 1985;11(2):85-90

Thyroid hormones influencing renal electrolyte excretion in saline loaded rats of different ages. Bräunlich H. **Physiol Bohemoslov** 1984;33(4):303-8

Effects of atrial extract on blood pressure and urinary excretion of electrolytes and prostaglandin E2 in rats. Ishii M, et al. **Prostaglandins Leukotrienes Med** 1984 Dec; 16(3):325-32

Effects of hydrochlorothiazide plus sotalol on acute urinary electrolyte excretion in normal subjects. Leary WP, et al. **S Afr Med J** 1984 Nov 3;66(18):680-1

Effects of an intravenous bolus calcium injection on glomerular filtration rate and electrolyte excretion in the kidney in conscious pigs. Maier H, et al. **S Afr Med J** 1985 Mar 2;67(9):343-6

The effects of single doses of muzolimine upon urinary solute and fluid excretion. Leary WP, et al. **Z Kardiol** 1985;74 Suppl 2:135-40

[Effect of chorionic gonadotropin on water diuresis and electrolyte excretion in rats] Mittsiev KG, et al. **Probl Endokrinol (Mosk)** 1984 Sep-Oct;30(5):63-7 (Eng. Abstr.) **(Rus)**

ELECTROLYTIC DEPILATION see **HAIR REMOVAL**

ELECTROMAGNETIC FIELDS see under **ELECTROMAGNETICS**

ELECTROMAGNETIC RADIATION see **RADIATION**

ELECTROMAGNETIC RADIATION, IONIZING see **RADIATION, IONIZING**

ELECTROMAGNETIC RADIATION, NON-IONIZING see **RADIATION, NON-IONIZING**

ELECTROMAGNETICS

Effects of electrostatic charge on aerosol collection with polystyrene filter cassettes. Turner S, et al. **Am Ind Hyg Assoc J** 1984 Nov;45(11):745-8

The effect of pulsating electromagnetic fields on condylar growth in guinea pigs. Gerling JA, et al. **Am J Orthod** 1985 Mar;87(3):211-23

Effects of constant magnetic fields on rats and mice: a study of weight. Bellossi A, et al. **Aviat Space Environ Med** 1984 Aug;55(8):725-30

Modulation of collagen production in cultured fibroblasts by a low-frequency, pulsed magnetic field. Murray JC, et al.

Biochim Biophys Acta 1985 Jan 28;838(1):98–105

Effects of electric field exposure on some indices of CNS arousal in the mouse. Blackwell RP, et al. **Bioelectromagnetics** 1985;6(1):105–7

The membrane potential of characean cells exposed to amplitude-modulated, low-power 147-MHz radiation. Brunkard KM, et al. **Bioelectromagnetics** 1984;5(3):353–6

Effects of an extremely low frequency electromagnetic field on the cell division rate and plasma membrane of Paramecium tetraurelia. Dihel LE, et al. **Bioelectromagnetics** 1985;6(1):61–71

Vacuolar hyperpolarizing offsets in characean cells exposed to mono- and bichromatic CW and to squarewave-modulated electromagnetic radiation in the band 200–1,000 MHz. Gokhale AV, et al. **Bioelectromagnetics** 1984;5(3):357–60

Low-voltage ELF electric field measurements in ionic media. Gundersen R, et al. **Bioelectromagnetics** 1985; 6(2):157–68

The relationship between flash evoked potentials and evoked amplitude modulation patterns of an applied UHF electromagnetic field in the rat. Kelley JT, et al. **Bioelectromagnetics** 1984;5(4):365–75

Calibration of flat 60-Hz electric field probes. Misakian M. **Bioelectromagnetics** 1984;5(4):447–50

60-Hz electric fields: detection by female rats. Stern S, et al. **Bioelectromagnetics** 1985;6(1):99–103

Potassium ion influx measurements on cultured Chinese hamster cells exposed to 60-hertz electromagnetic fields. Stevenson AP, et al. **Bioelectromagnetics** 1985;6(2):189–98

Assessment of the immune responsiveness of mice exposed to a 1.5-Tesla stationary magnetic field. Tenforde TS, et al. **Bioelectromagnetics** 1984;5(4):443–6

Internal field strength measurements in chick forebrains at 50, 147, and 450 MHz. Weil CM, et al. **Bioelectromagnetics** 1984;5(3):293–304

Alignment of microscopic particles in electric fields and its biological implications. Takashima S, et al. **Biophys J** 1985 Apr;47(4):513–8

Comments on the use of electromagnetic fields in biological studies. Parkinson WC. **Calcif Tissue Int** 1985 Mar; 37(2):198–207

Results of pulsed electromagnetic fields (PEMFs) in ununited fractures after external skeletal fixation. Marcer M, et al. **Clin Orthop** 1984 Nov;(190):260–5

Localization of current dipole within a sphere by magnetic measurements. Lessard CS, et al. **Comput Methods Programs Biomed** 1985 May;20(1):45–9

A role for Ca2+ in the effect of very low frequency electromagnetic field on the blastogenesis of human lymphocytes. Conti P, et al. **FEBS Lett** 1985 Feb 11; 181(1):28–32

Effect of electric fields on 220Rn progeny concentration. Bigu J. **Health Phys** 1985 Sep;49(3):512–6

The distribution of a pulsed very low frequency electric field around video display terminals. Marha K, et al. **Health Phys** 1985 Sep;49(3):517–21

Lack of effect of weak low frequency electromagnetic fields on chick embryogenesis. Mafleo S, et al. **J Anat** 1984 Dec; 139 (Pt 4):613–8

Influence of pulsed electromagnetic fields on regenerating rat liver after partial hepatectomy. Ottani V, et al. **J Anat** 1984 Sep;139 (Pt 2):253–63

Occupational exposure to electromagnetic fields and the occurrence of brain tumors. An analysis of possible associations. Lin RS, et al. **J Occup Med** 1985 Jun; 27(6):413–9

Non-invasive magnetic stimulation of human motor cortex [letter] Barker AT, et al. **Lancet** 1985 May 11; 1(8437):1106–7

Pylons, their fields, and man [letter] Bonnell JA, et al. **Lancet** 1984 Dec 8;2(8415):1343

Magnetic fields associated with a nuclear magnetic resonance medical imaging system. Athey TW, et al. **Magn Reson Imaging** 1982;1(3):149–54

An assessment of the safety of rapidly changing magnetic fields in the rabbit: implications for NMR imaging. Gore JC, et al. **Magn Reson Imaging** 1982;1(4):191–5

Geophysical variables and behavior: XXV. Alterations in memory for a narrative following application of theta frequency electromagnetic fields. Michaud LY, et al. **Percept Mot Skills** 1985 Apr;60(2):416–8

Geophysical variables and behavior: XXII. The tectonogenic strain continuum of unusual events. Persinger MA. **Percept Mot Skills** 1985 Feb;60(1):59–65

A review on the interaction of biological systems with magnetic fields. Papatheofanis FJ. **Physiol Chem Phys Med NMR** 1984;16(3):251–5 (25 ref.)

Electric and electromagnetic stimulation of bone growth. **Reconstr Surg Traumatol** 1985;19:1–152

Fast and slow magnetic phenomena in focal epileptic seizures. Barth DS, et al. **Science** 1984 Nov 16;226(4676):855–7

Modulated release from polymeric drug delivery systems using oscillating magnetic fields: in vitro and in vivo characteristics. Edelman ER, et al. **Trans Am Soc Artif Intern Organs** 1984;30:445–9

[Environmental electromagnetic fields around television towers] Jiang H. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Jul;18(4):196–8 (Eng. Abstr.) (Chi)

[Evaluation of maximum permissible intensity of electromagnetic fields] Mikolajczyk H. **Med Pr** 1984; 35(6):427–34 (14 ref.) (Eng. Abstr.) (Pol)

[Effect of electromagnetic field and the phosphates bromfenvinphos and methylbromfenvinphos on selected vital functions of Balantidium coli (Malmsten, 1857)] Rostkowska J, et al. **Wiad Parazytol** 1985;31(1):59–68 (Eng. Abstr.) (Pol)

[Effect of electromagnetic field, monocrotophos and cartap on selected life functions of Balantidium coli (Malmsten, 1857). I. Survival and reproduction] Rostkowska J, et al. **Wiad Parazytol** 1985;31(1):51–7 (Eng. Abstr.) (Pol)

[Effect of a high-frequency electromagnetic field on the isolated snail brain] Bol'shakov MA. **Biofizika** 1985 Mar–Apr;30(2):354–6 (Eng. Abstr.) (Rus)

[Correction of lipid metabolism in rats with limited mobility by an alternating magnetic field of infra-low frequency] Temur'iants NA, et al. **Biofizika** 1985 Mar–Apr;30(2):313–6 (Eng. Abstr.) (Rus)

[Effect of a single dose of weak ultra-low frequency electromagnetic fields on endocrine indicators] Zagorskaia EA. **Fiziol Cheloveka** 1985 Mar–Apr;11(2):293–9 (Rus)

[Methodologic questions in the hygienic regulation of combined 2-frequency electromagnetic fields] Dumanskii IuD, et al. **Gig Sanit** 1984 Jul;(7):38–42 (Rus)

[Methodological approaches to the determination of the size of health protective areas in the vicinity of television centers and television retransmitters] Dumanskii IuD, et al. **Gig Sanit** 1984 Aug;(8):62–5 (Rus)

[Hygienic standards for the electromagnetic fields of radio-locating systems] Dumanskii IuD, et al. **Gig Sanit** 1984 Sep;(9):37–40 (Eng. Abstr.) (Rus)

[Effect of the long-term fractional effect of constant high-energy magnetic fields on adrenal medulla activity] Kokoreva LV. **Kosm Biol Aviakosm Med** 1984 Nov–Dec; 18(6):86–7 (Rus)

[Erythron reaction in relation to the intensity of a constant magnetic field and duration of exposure] Grebennikov SA, et al. **Patol Fiziol Eksp Ter** 1984 Nov–Dec;(6):72–5 (Eng. Abstr.) (Rus)

[Effects of bitemporal exposure to ultra-high frequency electrical impulse field on cellular immunity and hormone metabolism in patients with prostatic adenoma] Bogoliubov VM, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov–Dec;(6):26–9 (Rus)

[Biochemical effects of the continuous impulse electromagnetic field (lambda-35 cm)] Tomashevskaia LA. **Vrach Delo** 1985 May;(5):101–3 (Eng. Abstr.) (Rus)

[The health insurance study: No increased risk for fetal abnormalities in women working with video display terminals] Ericson A, et al. **Lakartidningen** 1985 Jun 5; 82(23):2180–4 (Swe)

ADVERSE EFFECTS

Effects of ELF (1–120 Hz) and modulated (50 Hz) RF fields on the efflux of calcium ions from brain tissue in vitro. Blackman CF, et al. **Bioelectromagnetics** 1985;6(1):1–11

Current densities measured in human models exposed to 60-Hz electric fields. Kaune WT, et al. **Bioelectromagnetics** 1985;6(1):13–32

Health of workers exposed to electric fields. Broadbent DE, et al. **Br J Ind Med** 1985 Feb;42(2):75–84

Assessment of the hazards of electromagnetic fields emitted by the equipment aboard towards humans (nervous and circulatory systems). Dolmierski R, et al. **Bull Inst Marit Trop Med Gdynia** 1983;34(1–2):11–21

Investigation of fertility and in utero effects in rats chronically exposed to a high-intensity 60-Hz electric field. Seto YJ, et al. **IEEE Trans Biomed Eng** 1984 Nov; 31(11):693–702

Leukemia mortality in amateur radio operators [letter] Coleman M. **Lancet** 1985 Jul 13;2(8446):106–7

Silent keys: leukaemia mortality in amateur radio operators [letter] Milham S Jr. **Lancet** 1985 Apr 6;1(8432):812

Effect of nuclear magnetic resonance on chromosomes of mouse bone marrow cells. Prasad N, et al. **Magn Reson Imaging** 1984;2(1):37–9

Potential hazards of NMR imaging. No evidence of the possible effects of static and changing magnetic fields on cardiac function of the rat and guinea pig. Willis RJ, et al. **Magn Reson Imaging** 1984;2(2):89–95

Noninvasive detection of insulation break. Ferek B, et al. **PACE** 1984 Nov;7(6 Pt 1):1063–8

Interference in pacemakers. Irnich W. **PACE** 1984 Nov;7(6 Pt 1):1021–48

Retardation of embryogenesis by extremely low frequency 60 Hz electromagnetic fields. Cameron IL, et al. **Physiol Chem Phys Med NMR** 1985;17(1):135–8

[Joint effect on the body of ultrahigh-frequency electromagnetic energy and noise] Chuchkova M, et al. **Probl Khig** 1984;9:117–21 (Eng. Abstr.) (Bul)

[Pathological effects of exposure to magnetic fields: morphological aspects of injury at the testicular level] Ricco R, et al. **Pathologica** 1984 Sep–Oct;76(1045):605–13 (Eng. Abstr.) (Ita)

[Effect of electromagnetic radiation in the fetal period on the survival of mouse offspring after experimental viral and bacterial infection or exposure to X-rays] Marcickiewicz J, et al. **Ginekol Pol** 1984 May;55(5):317–24 (Eng. Abstr.) (Pol)

[Duration of conscious reactions in persons exposed to an electric field of 50 Hz frequency] Szuba M, et al. **Med Pr** 1985;36(1):21–6 (Eng. Abstr.) (Pol)

[Effect of magnetic fields on the hematopoietic system (letter)] Lisiewicz J, et al. **Przegl Lek** 1984;41(11):675 (Pol)

[Hygienic standardization of electromagnetic radiation in everyday life] Dumanskii IuD, et al. **Gig Sanit** 1984 Oct; (10):20–3 (Eng. Abstr.) (Rus)

[Experimental model of hypoxia in hygienic studies] Rudnev MI. **Gig Sanit** 1984 Dec;(12):59–61 (Rus)

[Health standards for electromagnetic fields: present status and outlook] Musil J. **Gig Tr Prof Zabol** 1985 Jun;(6):12–6 (Rus)

[Effect of constant magnetic fields on the duration of hemorrhage] Gorchinskaia E. **Kosm Biol Aviakosm Med** 1984 Nov–Dec;18(6):87–9 (Rus)

DIAGNOSTIC USE

[Determination of cerebral blood flow using an electromagnetic flowmeter] Shima T, et al. **Nippon Rinsho** 1985 Feb;43(2):283–9 (Jpn)

INSTRUMENTATION

Recent developments in obesity research. Electromagnetic tools for measuring total body fat. Van Itallie TB. **Ala J Med Sci** 1984 Oct;21(4):396–8

Design of a magnetic field generator for experiments on magnetic effects in cell cultures. Kinouchi Y, et al. **Bioelectromagnetics** 1984;5(4):399–410

Correlation between fluorescein flowmetry, 133Xenon clearance and electromagnetic flow measurement: a study in the intestine of the pig. Perbeck L, et al. **Clin Physiol** 1985 Jun;5(3):293–9

A device for generation of electromagnetic fields of extremely low frequency. Wahlström O, et al. **J Biomed Eng** 1984 Oct;6(4):293–6

Development of the iron-cored electromagnet for the treatment of non-union and delayed union. Downes EM, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):754–9

Validation of the saline-dilution method for measuring cardiac output by simultaneous measurement with a perivascular electromagnetic flowprobe. Voorhees WD 3d, et al. **Med Instrum** 1985 Jan–Feb;19(1):34–7

An electromagnetic distance measuring system. Kebbel U, et al. **Med Prog Technol** 1985;10(4):213–23

METHODS

Pharmacological zero for electromagnetic renal blood flow measurement. Jonker GJ, et al. **Pflugers Arch** 1985 Feb; 403(2):220–1

STANDARDS

[Extrapolation of electrostatic field values from animal studies to man] Ierusalimskii AP, et al. **Gig Sanit** 1985 Jan; (1):89 (Rus)

THERAPEUTIC USE

Preliminary report on experimental observation of the effects of magnetic field and 'Natural Copper' on fracture healing. Liu HQ, et al. **Acta Acad Med Wuhan** 1984;4(4):220–8

Hypothermia and electromagnetic rewarming in the rhesus monkey. Olsen RG, et al. **Aviat Space Environ Med** 1984 Dec;55(12):1111–7

Treatment of failed posterior lumbar interbody fusion (PLIF) of the spine with pulsing electromagnetic fields. Simmons JW. **Clin Orthop** 1985 Mar;(193):127–32

The development and application of pulsed electromagnetic fields (PEMFs) for ununited fractures and arthrodeses. Bassett CA. **Clin Plast Surg** 1985 Apr;12(2):259–77 (68 ref.)

Pulsating electromagnetic fields in the treatment of delayed and non-union of fractures: results from a district general hospital. Freedman LS. **Injury** 1985 Mar;16(5):315–7

Treatment of bone non-union by electromagnetic therapy. Lynch AF, et al. **Ir J Med Sci** 1985 Apr;154(4):153–5

Use of pulsed electromagnetic fields in Perthes disease: report of a pilot study. Harrison MH, et al. **J Pediatr Orthop** 1984 Sep;4(5):579–84

[Pulsing magnetic fields and their effect on the healing of fractures and pseudarthroses] Chvojka J. **Acta Chir Orthop Traumatol Cech** 1985 Feb;52(1):36–46 (Eng. Abstr.) (Cze)

[Treatment of microcirculatory disorders in periodontitis by d'arsonvalization] Efanov OE, et al. **Stomatologiia (Mosk)** 1985 Jan–Feb;64(1):24–7 (Eng. Abstr.) (Rus)

[Non-pharmacological methods of treatment and prevention of cardiac rhythm disorders in children] Ternova TI, et al. **Vestn Akad Med Nauk SSSR** 1985;(6):65–9 (Eng. Abstr.) (Rus)

[Changes in physical work capacity of patients with myocardial infarction under the effect of graded bicycle training with preliminary action of magnetic field] Ezhova LV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan–Feb;(1):58–9 (Rus)

[Therapeutic use of electro-aerosols and alternating magnetic fields in cardiac rhythm disorders in children] Karachevtseva TV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar–Apr; (2):37–9 (Eng. Abstr.) (Rus)

[Effectiveness of pulsating magnetic fields in patients with disorders of spinal cord circulation based on data of global and stimulating electromyography] Musaev AV. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan–Feb;(1):40–3

(Eng. Abstr.) (Rus)

[Changes in cerebral hemodynamics as affected by waves of decimetric range with different sites of action in patients after ischemic strokes (based on data of Doppler ultrasound)] Nushtaeva TV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan-Feb;(1):62-4 (Rus)

[Effect of decimeter-range waves at various localizations on platelet aggregation in patients with cerebral infarct] Nushtaeva TV. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):58-9 (Rus)

[Hemodynamic and humoral mechanisms of the therapeutic effect of the 'travelling' impulse magnetic field in hypertension] Orlov LL, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan-Feb;(1):23-7 (Eng. Abstr.) (Rus)

[Effect of a low-frequency alternating magnetic field on the course of pyrogenal-induced fever] Shishlo MA, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):54-5 (Rus)

ELECTROMYOGRAPHY

'Double crush' mechanism impairing a nerve revealed by studies of the motor axon reflex and M wave terminal phase. A case report. Serra G, et al. **Acta Neurol (Napoli)** 1984 Aug;6(4):300-3

Number of potential reversals (turns) and amplitude of the pattern of electrical activity of the abductor pollicis brevis muscle in patients with neurogenic diseases. Bril V, et al. **Acta Neurol Scand** 1984 Sep;70(3):169-75

Reappraisal of the electroneurographic and electromyographic diagnosis of diabetic peripheral neuropathy. Felsenthal G, et al. **Am J Phys Med** 1984 Dec;63(6):278-88

Electromyographic patterns accompanying isokinetic exercise under varying speed and sequencing conditions. Osternig LR, et al. **Am J Phys Med** 1984 Dec;63(6):289-97

Agitation-increased electromyogram activity in the corrugator muscle region: a possible explanation of the 'Omega sign'? Greden JF, et al. **Am J Psychiatry** 1985 Mar;142(3):348-51

Electromyography for the investigation and early diagnosis of scoliosis Valentino B, et al. **Anat Clin** 1985;7(1):55-9

Radiculopathy and electromyography [letter] Lerman VJ. **Arch Neurol** 1985 Aug;42(8):732

Non-linear amplification of electromyographic signals with particular application to human chewing. Stohler CS, et al. **Arch Oral Biol** 1985;30(3):217-9

Changes in motor unit action potential parameters in monopolar recordings related to filter settings of the EMG amplifier. Chu J, et al. **Arch Phys Med Rehabil** 1985 Sep;66(9):601-4

Electromyographic kinesiology of lower extremity muscles during slope walking. Tokuhiro A, et al. **Arch Phys Med Rehabil** 1985 Sep;66(9):610-3

Relaxation training for chronic pain patients using EMG feedback: an analysis of process and outcome effects. Spence ND. **Aust NZ J Psychiatry** 1984 Sep;18(3):263-72

Comments on the reliability of muscle activity comparisons in EMG biofeedback research with back pain patients. Biedermann HJ. **Biofeedback Self Regul** 1984 Dec;9(4):451-8

Predictors of success in the EMG biofeedback training of hyperactive male children. Denkowski KM, et al. **Biofeedback Self Regul** 1984 Jun;9(2):253-64

Is group progressive relaxation training as effective with hyperactive children as individual EMG biofeedback treatment? Denkowski KM, et al. **Biofeedback Self Regul** 1984 Sep;9(3):353-64

Experimental foundations of EMG biofeedback with the upper extremity: a review of the literature. Ince LP, et al. **Biofeedback Self Regul** 1984 Sep;9(3):371-83

In vivo EMG biofeedback in violin and viola pedagogy. LeVine WR, et al. **Biofeedback Self Regul** 1984 Jun;9(2):161-8

Biofeedback, relaxation training, and music: homeostasis for coping with stress. Reynolds SB. **Biofeedback Self Regul** 1984 Jun;9(2):169-79

Effects of noncontingent feedback on EMG training, EMG responses, and subjective experience. Segreto-Bures J, et al. **Biofeedback Self Regul** 1984 Mar;9(1):25-36

The effects of motor unit synchronization on the power spectrum of the electromyogram. Weytjens JL, et al. **Biol Cybern** 1984;51(2):71-7

An electromyographic method of objectively assessing cough intensity and use of the method to assess effects of codeine on the dose-response curve to citric acid. Cox ID, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):377-82

Kinematic and EMG reactions to imposed interlimb phase alterations during bipedal cycling. Boylls CC, et al. **Brain Res** 1984 Dec 24;324(2):342-5

Electromyographic findings in normal Chinese. Analysis of 310 subjects. Tang XF, et al. **Chin Med J [Engl]** 1984 Aug;97(8):613-22

Failure of Pavulon to consistently provide adequate EMG attenuation for recording electrocerebral inactivity. Reilly EL, et al. **Clin Electroencephalogr** 1985 Apr;16(2):72-6

Electrodiagnosis and nerve conduction studies. Posuniak EA. **Clin Podiatry** 1984 Aug;1(2):279-90

Myoelectrical manifestations of localized muscular fatigue in humans. De Luca CJ. **Crit Rev Biomed Eng** 1984;11(4):251-79 (146 ref.)

A computer-assisted method for averaging movement-related cortical potentials with respect to EMG onset. Barrett G, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar;60(3):276-81

Locomotor limb synergism through short latency afferent links. Brooke JD, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;60(1):39-45

Automatic analysis of surface EMG (preliminary findings in healthy subjects and in patients with neurogenic motor diseases). Cioni R, et al. **Electroencephalogr Clin Neurophysiol** 1985 Oct;61(4):243-6

Turns analysis (peak ratio) in EMG using the mean amplitude as a substitute of force measurement. Fuglsang-Frederiksen A, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar;60(3):225-7

Anticipatory response-relevant muscle activity, CNV amplitude and simple reaction time. Haagh SA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul;61(1):30-9

Habituation of the blink reflex: computer assisted quantitative analysis. Lowitzsch K, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jun;60(6):525-31

Power spectral analysis of the surface electromyogram before and after a warning signal in a reaction movement. Tanii K, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jun;60(6):532-8

Alterations in H reflex magnitude by variations in baseline EMG excitability. Verrier MC. **Electroencephalogr Clin Neurophysiol** 1985 Jun;60(6):492-9

Surface EMG profiles during different walking cadences in humans. Yang JF, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jun;60(6):485-91

Electromyographic study of the rectus abdominis and external oblique muscles during exercises. Bankoff AD, et al. **Electromyogr Clin Neurophysiol** 1984 Aug-Sep;24(6):501-10

Numerical analysis of electromyographic signals: definition of three parameters for functional muscular value analysis. Blanchi JP, et al. **Electromyogr Clin Neurophysiol** 1985 May-Jun;25(4):245-52

Comparison of pre- and postoperative electromyograms in children with cerebral palsy. Gueth V, et al. **Electromyogr Clin Neurophysiol** 1985 May-Jun;25(4):233-43

Electromyographic study of the trapezius (pars superior) and levator scapulae muscles in circumduction and pendular oscilation of the arm. Longo Bull M, et al. **Electromyogr Clin Neurophysiol** 1984 Aug-Sep;24(6):511-9

Electromyographic study of the M. serratus anterior during respiration. Machado de Sousa O, et al. **Electromyogr Clin Neurophysiol** 1984 Nov-Dec;24(7):547-59

Evaluation of EMG examination as an indicator of worker susceptibility to organophosphates exposure. Ring H, et al. **Electromyogr Clin Neurophysiol** 1985 Jan-Feb;25(1):35-44

Height influences F response parameters in the upper extremity. Russo LS Jr. **Electromyogr Clin Neurophysiol** 1985 Mar-Apr;25(2-3):165-73

The boundary conditions for measurement of the conduction velocity of muscle fibres with surface EMG. Sollie G, et al. **Electromyogr Clin Neurophysiol** 1985 Jan-Feb;25(1):45-56

An electromyographic study of the lumbar multifidus in man. Valencia FP, et al. **Electromyogr Clin Neurophysiol** 1985 May-Jun;25(4):205-21

Single switch contraction curves in patterns with spastic hemiparesis in relation to EMG findings. Visser SL, et al. **Electromyogr Clin Neurophysiol** 1985 Jan-Feb;25(1):63-71

Effects of applied vibration on triphasic electromyographic patterns in neurologically ballistic head movements. Hannaford B, et al. **Exp Neurol** 1985 May;88(2):447-60

Electromyographic investigation in early diagnosis of carbon disulphide neuropathy: a study on 216 workers with different degrees of exposure. Sandrini G, et al. **G Ital Med Lav** 1983 Sep;5(5):199-202

Diurnal changes in myoelectric spiking activity of the human colon. Frexinos J, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1104-10

Evaluation of the effectiveness of EMG parameters in the study of neurogenic diseases—a statistical approach using clinical and simulated data. Berzuini C, et al. **IEEE Trans Biomed Eng** 1985 Jan;32(1):15-27

On surface EMG spectral characterization and its application to diagnostic classification. Inbar GF, et al. **IEEE Trans Biomed Eng** 1984 Sep;31(9):597-604

Automatic decomposition of the clinical electromyogram. McGill KC, et al. **IEEE Trans Biomed Eng** 1985 Jul;32(7):470-7

Characteristics of the spino-bulbo-spinal reflex with evoked EMGs in human subjects. Ishikawa T, et al. **Int J Sports Med** 1984 Aug;5(4):187-92

Surface EMG and torsion measurements during snow skiing: laboratory and field tests. Louie JK, et al. **J Biomech** 1984;17(10):713-24

The relationship between electromyogram level and the Children's Personality Questionnaire as measures of tension in upper elementary gifted students. Karnes FA, et al. **J Clin Psychol** 1985 Mar;41(2):169-72

Developmental trends of jumping reaction time by means of EMG in mentally retarded children. Yabe K, et al. **J Ment Defic Res** 1985 Jun;29 (Pt 2):137-45

EMG patterns in abnormal involuntary movements induced by neuroleptics. Bathien N, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):1002-8

Reaction time of patients with Parkinson's disease, with reference to asymmetry of neurological signs. Yokochi F, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):702-5

Comparison of electrophysiological and histochemical methods for assessing the spatial distribution of muscle fibres of a motor unit within muscle. Fawcett PR, et al. **J Neurol Sci** 1985 May-Jun;69(1-2):67-79

Relationship of electromyographic parameters in jaw dysfunction patients classified according to Helkimo's index. McCarroll RS, et al. **J Oral Rehabil** 1984 Nov;11(6):521-7

Power spectrum of electromyography in arm and leg muscles during isometric contractions and fatigue. Tarkka IM. **J Sports Med Phys Fitness** 1984 Sep;24(3):189-94

Electrophysiologic evaluation of lumbosacral radiculopathies: electromyography, late responses, and somatosensory evoked potentials. Aminoff MJ, et al. **Neurology** 1985 Oct;35(10):1514-8

Microvascular decompression in hemifacial spasm: intraoperative electrophysiological observations. Møller AR, et al. **Neurosurgery** 1985 May;16(5):612-8

Prediction of treatment response in pain patients. the illness self-concept repertory grid and EMG feedback. Large RG. **Pain** 1985 Mar;21(3):279-87

The relationship between paraspinal EMG and chronic low back pain. Nouwen A, et al. **Pain** 1984 Oct;20(2):109-23 (58 ref.)

Two components of motor time: the tension lag and the tension-developing phase. Nakamura R, et al. **Percept Mot Skills** 1984 Dec;59(3):907-12

Developmental influences on speech-motor equivalence: some implications for articulatory disordered children. Rastatter M, et al. **Percept Mot Skills** 1984 Dec;59(3):995-8

Influence of arm positions on EMG-reaction time of the biceps brachii for elbow flexion and forearm supination. Taniguchi R, et al. **Percept Mot Skills** 1984 Aug;59(1):191-4

Gait analysis techniques. Rancho Los Amigos Hospital gait laboratory. Gronley JK, et al. **Phys Ther** 1984 Dec;64(12):1831-8

Electromyography in biomechanics. Soderberg GL, et al. **Phys Ther** 1984 Dec;64(12):1813-20

Task-specific EMG-characteristics during mental training. Wehner T, et al. **Psychol Res** 1984;46(4):389-401

Investigations of long-term treatment with perhexiline maleate using therapeutic monitoring and electromyography. Pilcher J, et al. **Ther Drug Monit** 1985;7(1):54-60

Postoperative continence assessed by electromyography of the external sphincter in anorectal malformations. Iwai N, et al. **Z Kinderchir** 1985 Apr;40(2):87-90

[Use of the F wave in clinical electromyography] Ambler Z, et al. **Cesk Neurol Neurochir** 1985 May;48(3):164-9 (Eng. Abstr.) (Cze)

[Global electromyographic study of the labial system in man. Comparative motricity of the upper and lower labial system. Influence on facial morphology] Van Besien Y, et al. **Bull Group Int Rech Sci Stomatol Odontol** 1984 Oct;27(4):301-5 (Eng. Abstr.) (Fre)

[Colonic myoelectric activity during fasting and postprandial periods in healthy subjects and colonopathic patients] Dapoigny M, et al. **Gastroenterol Clin Biol** 1985 Mar;9(3):223-7 (Eng. Abstr.) (Fre)

[Colonic electromyography and functional colonopathy] Fioramonti J, et al. **Gastroenterol Clin Biol** 1985 Mar;9(3):203-5 (Fre)

[Value of and indications for electromyography] Burton L, et al. **Rev Med Liege** 1985 Apr 15;40(8):272-7 (Fre)

[Myoelectric activity of the colostomy with sphincter muscle replacement] Imhof M, et al. **Chirurg** 1985 Feb;56(2):105-8 (Eng. Abstr.) (Ger)

[Results of electromyography studies of the rectosigmoid] Kratzsch KH. **Dtsch Z Verdau Stoffwechselkr** 1985;45(2):45-51 (Eng. Abstr.) (Ger)

[Distribution and functional effect of paralyses of vocal cord movement and stretch muscles based on electromyographic studies] Pahn J, et al. **Folia Phoniatr (Basel)** 1984;36(6):273-83 (Eng. Abstr.) (Ger)

[Significance of arthrography and integrated electromyography for the determination of indications in temporomandibular joint surgery] Reich RH, et al. **Fortschr Kiefer Gesichtschir** 1985;30:154-7 (Ger)

[Motor, sensory electroneurographic and electromyographic results as well as somatosensory evoked potentials in comparison to clinical findings following nerve suture] Tackmann W, et al. **Fortschr Neurol Psychiatr** 1985 Apr;53(4):123-33 (Eng. Abstr.) (Ger)

[Electromyography and electroneurography in the follow-up study of carpal tunnel syndrome patients] Schoenhuber R, et al. **Neurochirurgia (Stuttg)** 1984 Sep;27(5):144-5 (Eng. Abstr.) (Ger)

[Electromyography diagnosis of laryngeal paralysis] Müller D, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Mar;37(3):156-9 (Eng. Abstr.) (Ger)

[EMG method in assessing diaphragmatic paralysis in a miner as an occupational disease] Oral I, et al.

Z Erkr Atmungsorgane 1984;162(3):244–8 (Eng. Abstr.) (Ger)

[Contraction force relation of spectral performance density distribution in surface EMG] Wawrzinoszek M, et al. **Z Gesamte Hyg** 1985 Feb;31(2):93–5 (Eng. Abstr.) (Ger)

[Detection of the bioelectric activity of respiratory musculature in clinically healthy persons of various ages] Guntschewa M. **ZFA** 1984 Sep–Oct;39(5):299–302 (Eng. Abstr.) (Ger)

[The electrically evoked blink reflex and its clinical significance (editorial)] Fast A. **Harefuah** 1983 Oct 16; 105(8):238–9 (Heb)

[Analysis of electroneurographic data on a sample of normal subjects] Calisti R, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):433–40 (Eng. Abstr.) (Ita)

[Computerized axial tomography and electromyography in vertebral and spinal cord pathology] Passariello R, et al. **Radiol Med (Torino)** 1984 Jul–Aug;70(7–8):498–500 (Eng. Abstr.) (Ita)

[Correlations among clinical, caudographic, electromyographic examinations and surgical findings in lumbosacral disc herniations: value of electromyography] Insola A, et al. **Riv Neurol** 1984 Jul–Aug;54(4):235–44 (Eng. Abstr.) (Ita)

[Study of bulbocavernosus reflex using electrostimulation electromyography] Komeda Y, et al. **Hinyokika Kiyo** 1984 Sep;30(9):1207–11 (Eng. Abstr.) (Jpn)

[Electromyographic study of the optomotor effect in exotropia under general anesthesia] Tamura O, et al. **Nippon Ganka Gakkai Zasshi** 1984 Nov;88(11):1376–82 (Eng. Abstr.) (Jpn)

[An electromyographic study on the canine esophageal motility following transection operations for esophageal varices] Benitani A. **Nippon Heikatsukin Gakkai Zasshi** 1984 Apr;20(2):137–46 (Eng. Abstr.) (Jpn)

[The relationship in the diurnal rhythm of electrical and mechanical activity between the stomach and the duodenum in dogs] Shiraishi Y, et al. **Nippon Heikatsukin Gakkai Zasshi** 1984 Feb;20(1):13–24 (Eng. Abstr.) (Jpn)

[Polygraphic analysis of sleep] Hiraga H. **Rinsho Byori** 1985 Feb;Spec No 61:147–71 (88 ref.) (Jpn)

[Electromyography of a single muscle fiber] Homma I. **Rinsho Byori** 1985 Feb;Spec No 61:126–38 (18 ref.) (Jpn)

[Clinical and electromyographical features of 24 cases of Meige's syndrome] Hirose K, et al. **Rinsho Shinkeigaku** 1984 Sep;24(9):930–40 (Eng. Abstr.) (Jpn)

[Electromyography in patients in the terminal stages of chronic renal failure treated with regular hemodialysis and hemosorption] Ender LA, et al. **Urol Nefrol (Mosk)** 1984 Sep–Oct;(5):57–62 (Eng. Abstr.) (Rus)

[Use of the method of electromyographic feedback with an assessment of the pull of an individual muscle in the early rehabilitation of patients with flaccid paralysis] Starobinets MKh, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May–Jun;(3):19–22 (Eng. Abstr.) (Rus)

[Typology of motor unit potentials and muscle fiber density in neuromuscular diseases] Gekht BM, et al. **Zh Nevropatol Psikhiatr** 1984;84(11):1635–42 (Eng. Abstr.) (Rus)

[Correlation between the results of traditional electromyographic studies and frequency analysis of the EMG and the severity of the clinical manifestations of muscular dystrophy] Goffman V, et al. **Zh Nevropatol Psikhiatr** 1984;84(11):1606–8 (Eng. Abstr.) (Rus)

[Electromyographic characteristics of recovery of motor function in patients with lesions of the cervical division of the spinal cord] Nesmeianova TN, et al. **Zh Nevropatol Psikhiatr** 1985;85(5):684–7 (Eng. Abstr.) (Rus)

[Electromyography in the diagnosis and evaluation of the efficacy of treatment of injuries of the median and ulnar nerves in children] Tabin VI, et al. **Zh Nevropatol Psikhiatr** 1984;84(11):1659–61 (Eng. Abstr.) (Rus)

[Botulism. Clinico-electromyographic correlations] Dimitrijević J, et al. **Srp Arh Celok Lek** 1984 Mar; 112(3):333–40 (Eng. Abstr.) (Scc)

[Neurophysiologic study in patients with chronic renal failure (CRF). Electroencephalographic and anatomopathologic study in dogs receiving different doses of heparin] Jiménez F, et al. **Arch Neurobiol (Madr)** 1984 Jul–Aug;47(4):173–82 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

Subcutaneous hemorrhage in a patient receiving anticoagulant therapy: an unusual EMG complication. Butler ML, et al. **Arch Phys Med Rehabil** 1984 Nov; 65(11):733–4

INSTRUMENTATION

Fully rectified, integrated, band (FRIB-) EMG analysis in quantifying muscle activity. Development of a new field equipment. Remes A, et al. **Acta Physiol Scand [Suppl]** 1984; 537:65–70

The relationship of evoked electromyographic and mechanical responses following atracurium in humans. Kopman AF. **Anesthesiology** 1985 Aug;63(2):208–11

Some results on the optimization of a digital processor for surface EMG signals. D'Alessio T. **Electromyogr Clin Neurophysiol** 1984 Nov–Dec; 24(7):625–43

A noninvasive intraoral electromyographic electrode for genioglossus muscle. Doble EA, et al. **J Appl Physiol** 1985 Apr;58(4):1378–82

Computer-aided analysis of gastrointestinal myoelectric activity. Latour A, et al. **J Biomed Eng** 1985 Apr; 7(2):127–31

Repeatability of phasic muscle activity: performance of surface and intramuscular wire electrodes in gait analysis. Kadaba MP, et al. **J Orthop Res** 1985;3(3):350–9

Urethral sphincter electromyography with vaginal surface electrodes: a comparison with sphincter electromyography recorded via periurethral coaxial, anal sphincter needle and perianal surface electrodes. Lose G, et al. **J Urol** 1985 May; 133(5):815–8

Evaluation of intraluminal EMG electrodes for the oesophagus and gastrointestinal tract. Pope CE 2nd, et al. **Med Biol Eng Comput** 1984 Sep;22(5):461–4

[Possibilities and limitations of the various electrodes in electromyographic studies] Vermeersch D, et al. **Acta Belg Med Phys** 1985 Jan–Mar;8(1):7–14 (Eng. Abstr.) (Dut)

[Relaxograph—an improved technic for measuring relaxation] Gebert E. **Anasth Intensivther Notfallmed** 1985 Jun;20(3):147–50 (Eng. Abstr.) (Ger)

[Improvement of artefact suppression in the surface myogram by active high-pass filter with variable limit frequency in minimal useful signal loss] Theysohn H, et al. **Biomed Tech (Berlin)** 1984 Jul–Aug;29(7–8):175–80 (Eng. Abstr.) (Ger)

[Electromyography in functional dysphonias using the surface electrode] Laštovka M, et al. **Folia Phoniatr (Basel)** 1984;36(6):284–8 (Eng. Abstr.) (Ger)

[Multiple recording of electromyograms in a chronic experiment] Kolesnikov VG, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):761–2 (Eng. Abstr.) (Rus)

METHODS

Preparalytic condition of the facial nerve detected by evoked electromyography. Takahashi H, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:163–6

Combined use of integrated electromyography and score rating method for evaluation and prognosis of facial paralysis. Yagi N, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:155–62

Characteristics and analysis of uterine electromyographic activity in the pregnant sheep. Figueroa JP, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):524–31

Color electromyographic topographic analysis of facial movements. Ohyama M, et al. **Am J Otolaryngol** 1985 May–Jun;6(3):185–90

Effect of myoelectric signal processing on the relationship between muscle force and processed EMG. Siegler S, et al. **Am J Phys Med** 1985 Jun;64(3):130–49

Diagnostic application of an axillary block in an infant. Lynch C 3d, et al. **Anesthesiology** 1985 Apr;62(4):524–6

Averaging techniques to define the low-amplitude compound motor action potential. Bamford CR, et al. **Arch Neurol** 1984 Dec;41(12):1307

Single fiber electromyography with a standard monopolar electrode. Wiechers DO. **Arch Phys Med Rehabil** 1985 Jan; 66(1):47–8

Flexibility development in sprinters using EMG biofeedback and relaxation training. Cummings MS, et al. **Biofeedback Self Regul** 1984 Sep;9(3):395–405

Clinical and electromyographic effects of biofeedback training in mandibular dysfunction. Dahlström L, et al. **Biofeedback Self Regul** 1984 Mar;9(1):37–47

A meta-analysis of frontalis EMG levels with biofeedback and alternative procedures. Sharpley CF, et al. **Biofeedback Self Regul** 1984 Sep;9(3):385–93

Electrophysiological studies in myotonic dystrophy. 2: Single fibre E.M.G. Cruz Martinez A, et al. **Electromyogr Clin Neurophysiol** 1984 Nov–Dec; 24(7):537–46

Short latency SEP to median nerve stimulation: recording methods, origin of components and clinical application. Drechsler F. **Electromyogr Clin Neurophysiol** 1985 Mar–Apr;25(2–3):115–34

Simultaneous EMG of biceps femuralis, semimembranous and semitendinous muscles in the flexion movement, in ergometric bicycle. Jose JL, et al. **Electromyogr Clin Neurophysiol** 1984 Nov–Dec;24(7):561–9

Cross-correlation and cross-talk in surface electromyography. Morrenhof JW, et al. **Electromyogr Clin Neurophysiol** 1985 Jan–Feb;25(1):73–9

The measurement of the conduction velocity of muscle fibres with surface EMG according to the cross-correlation method. Sollie G, et al. **Electromyogr Clin Neurophysiol** 1985 May–Jun;25(4):193–204

Evaluation of the EMG spontaneous activity in tetany: further development of a method of automatic analysis. Starita A, et al. **Electromyogr Clin Neurophysiol** 1984 Nov–Dec;24(7):619–23

A method for electromyographic analysis of muscular contraction frequencies. Winkel J, et al. **Eur J Applied Physiol** 1984;53(2):112–7

Analysis of a digital EMG signal processor in dynamic conditions. D'Alessio T. **IEEE Trans Biomed Eng** 1985 Jan; 32(1):78–82

A new framework and computer program for quantitative EMG signal analysis. Gerber A, et al. **IEEE Trans Biomed Eng** 1984 Dec;31(12):857–63

Muscle fatigue monitor (MFM): second generation. Gilmore LD, et al. **IEEE Trans Biomed Eng** 1985 Jan;32(1):75–8

The position of innervation zones in the biceps brachii investigated by surface electromyography. Masuda T, et al. **IEEE Trans Biomed Eng** 1985 Jan;32(1):36–42

On-line monitoring of the median frequency of the surface EMG power spectrum. Merletti R, et al. **IEEE Trans Biomed Eng** 1985 Jan;32(1):1–7

Comments on Upper extremity limb function discrimination using EMG signal analysis, and the relationship between parallel-filtering and hypothesis-testing limb function classifiers. Triolo RJ, et al. **IEEE Trans Biomed Eng** 1985 Mar;32(3):239–41

Time domain analysis of diaphragmatic electromyogram during fatigue in men. Bower JS, et al. **J Appl Physiol** 1984 Sep;57(3):913–6

An attempt to differentiate female relatives of Duchenne type dystrophy from healthy subjects using an automatic EMG analysis. Toulouse P, et al. **J Neurol Sci** 1985 Jan; 67(1):45–55

Biofeedback electromyography (EMG) was not applicable to the determination of interocclusal distance (IOD) [letter] Shpuntoff H. **J Prosthet Dent** 1985 Feb;53(2):293–4

EMG system for online gait analysis. Cozean C, et al. **Med Biol Eng Comput** 1984 Nov;22(6):592–6

Reinnervation after microsurgical repair of transected cauda equina fibres. An electromyographic study. Conzen M, et al. **Neurochirurgia (Stuttg)** 1985 Jan;28(1):6–7

Facial EMG activity levels predict treatment outcome in depression. Greden JF, et al. **Psychiatry Res** 1984 Dec; 13(4):345–52

Amplitude and bandwidth of the frontalis surface EMG: effects of electrode parameters. van Boxtel A, et al. **Psychophysiology** 1984 Nov;21(6):699–707

Assessment of urethral resistance at external sphincter zone during voiding by static withdrawal urethrometrogram. Miyagawa I. **Urol Int** 1984;39(6):327–31

A new technique of vesical electromyogram with cystometrogram and urethral electromyogram. Takaiwa M, et al. **Urol Int** 1984;39(4):217–21

[The macro-EMG: technic and introductory concepts] De Meirsman J, et al. **Acta Belg Med Phys** 1985 Jan–Mar; 8(1):3–6 (Eng. Abstr.) (Dut)

[The striated sphincter of the urethra. 2: Specific methods for studying the striated sphincter of the urethra] De Leval J, et al. **J Urol (Paris)** 1984;90(8–9):515–27 (50 ref.) (Eng. Abstr.) (Fre)

[Surface electromyography for the study of voice function] Jacoby P, et al. **Folia Phoniatr (Basel)** 1984;36(5):241–9 (Eng. Abstr.) (Ger)

[Studies on the in vivo pacemaker potentials of the canine renal pelvis] Kondo S. **Nippon Heikatsukin Gakkai Zasshi** 1984 Apr;20(2):111–21 (Eng. Abstr.) (Jpn)

[Optimization of a method for recording the action potentials of human motor units using a needle electrode] Khamitov KhS, et al. **Fiziol Cheloveka** 1985 Jan–Feb;11(1):164–6 (Rus)

[Importance of the method of stimulation electromyography for the early diagnosis of peripheral neuropathy from lead exposure] Petina LV, et al. **Gig Tr Prof Zabol** 1985 Apr; (4):26–30 (Eng. Abstr.) (Rus)

VETERINARY

A study of the pregnant uterus of the ewe and the goat using real-time ultrasound scanning and electromyography. Scheerboom JE, et al. **Vet Res Commun** 1985 Feb; 9(1):45–56

ELECTRON MICROSCOPY see **MICROSCOPY, ELECTRON**

ELECTRON PARAMAGNETIC RESONANCE see **ELECTRON SPIN RESONANCE**

ELECTRON PROBE MICROANALYSIS

Avian tibial dyschondroplasia. III. Electron probe analysis. Hargest TE, et al. **Am J Pathol** 1985 May;119(2):199–209

Scanning electron microscopy and X-ray microprobe analysis in detection of acetylcholinesterase in cultured embryonal carcinoma cells. Rechardt L, et al. **J Histochem Cytochem** 1984 Nov;32(11):1154–8

Morphology and X-ray microprobe analysis of spermatozoa from fertile and infertile men in in vitro fertilization. Appleton TC, et al. **J In Vitro Fert Embryo Transfer** 1984 Sep;1(3):188–203

The application of EDXS to the biological sciences. Hall TA, et al. **J Microsc** 1984 Nov;136 (Pt 2):193–208 (98 ref.)

X-ray microscopy: experimental results with the Göttingen X-ray microscope at the electron storage ring BESSY in Berlin. Schmahl G, et al. **J Microsc** 1985 Jun;138 (Pt 3):279–84

X-ray microanalysis of liver and kidney in copper loaded sheep with and without thiomolybdate administration. Jones HB, et al. **Res Vet Sci** 1984 Nov;37(3):273–82

Applications of scanning electron microscopy and X-ray microanalysis in inner ear pathology. Anniko M, et al. **Scan Electron Microsc** 1985;(Pt 1):345–55

Elemental analysis on freeze-dried sections of human skin: studies by electron microprobe and particle induced X-ray emission analysis. Forslind B, et al. **Scan Electron Microsc** 1984;(Pt 2):755–9

Wave-length dispersive microprobe analysis of coated samples of bulk tissues. Kischer CW, et al. **Scan Electron Microsc** 1985;(Pt 1):269–78

Digital processing of electron energy loss spectra and images. Leapman RD, et al. **Scan Electron Microsc** 1985;(Pt 1):1–13

Alterations of the intracellular water and ion concentrations in brain and liver cells during aging as revealed by energy dispersive X-ray microanalysis of bulk specimens. Lustyik G, et al. **Scan Electron Microsc** 1985;(Pt 1):323–37

The influence of different cryopreparations on the distribution of ions in bullfrog myocard cells. Meyer R, et al. **Scan Electron Microsc** 1985;(Pt 1):419–31

X-ray microanalysis in cryosections of natively frozen Paramecium caudatum with regard to ion distribution in ciliates. Schmitz M, et al. **Scan Electron Microsc** 1985;(Pt 1):433–45

Progress in element analysis on a high-voltage electron microscope. Tivol WF, et al. **Scan Electron Microsc** 1985;(Pt 1):455–66

Freeze-drying and related preparation techniques for biological microprobe analysis. Wróblewski R, et al. **Scan Electron Microsc** 1985;(Pt 1):447–54

Electron microscopic and x-ray microanalytic evaluation of cardiac valve bioprostheses. DiDio LJ. **Tokai J Exp Clin Med** 1983 Nov;8(4):301–6

Electron microprobe analysis and histochemical examination of the calcium distribution in human bone trabeculae: a methodological study using biopsy specimens from post-traumatic osteopenia. Obrant KJ, et al. **Ultrastruct Pathol** 1984;7(2–3):123–31

[Roentgen microanalysis of dental alloys as an aid to identification] Pötsch-Schneider L, et al. **Arch Kriminol** 1984 Nov–Dec;174(5–6):179–84 (Eng. Abstr.) **(Ger)**

[Fine-structure roentgen analysis for the determination of gallstone components] Keller F, et al. **Dtsch Z Verdau Stoffwechselkr** 1985;45(1):31–4 (Eng. Abstr.) **(Ger)**

[Determination of the chemical composition of gallstones by roentgen ultrastructural analysis] Rauchfuss E, et al. **Z Exp Chir Transplant Kunstliche Organe** 1985;18(3):169–76 (Eng. Abstr.) **(Ger)**

[Study of zinc using X-ray scattering and transmission electron microscopy in human prostatic and neoplastic cells] Muñoz C, et al. **Actas Urol Esp** 1985 Mar–Apr;9(2):185–90 (Eng. Abstr.) **(Spa)**

INSTRUMENTATION

Absorption microanalysis with a scanning soft X-ray microscope: mapping the distribution of calcium in bone. Kennedy JM, et al. **J Microsc** 1985 Jun;138 (Pt 3):321–8

METHODS

An evaluation of three procedures for fluoride analysis. Retief DH, et al. **Caries Res** 1985;19(3):248–54

Freeze drying and freeze substitution combined with low temperature-embedding. Preparation techniques for microprobe analysis of biological soft tissues. Wróblewski R, et al. **Histochemistry** 1984;81(5):469–75

Synchrotron radiation applied to the microscopical examination of solid state and biological materials in the X-ray region. Duke PJ. **J Microsc** 1985 Jun;138 (Pt 3):285–92

Optimized acquisition parameters and statistical detection limit in quantitative EELS. Pun T, et al. **J Microsc** 1984 Sep;135 (Pt 3):295–316

On the use of ionization cross sections in analytical electron microscopy. Williams DB, et al. **J Microsc** 1984 Nov;136 (Pt 2):209–18

X-ray microanalysis. Problem solving in surgical pathology. Terzakis JA. **Pathol Annu** 1985;20 Pt 2:59–81

[Analytical ionic microscopy of biological sections] Galle P. **Physiologie** 1984 Jul–Sep;21(3):187–201 **(Fre)**

[Analytic electron microscopy. A research method used in diagnosis] Tvedt KE, et al. **Tidsskr Nor Laegeforen** 1984 Sep 10;104(25):1725–8 (Eng. Abstr.) **(Nor)**

[Quantitative local x-ray spectral microanalysis of single erythrocytes] Buravkov SV. **Biull Eksp Biol Med** 1984 Nov;98(11):627–9 (Eng. Abstr.) **(Rus)**

[Local x-ray spectral microanalysis in cell biology. The study of sections of hydrated biological tissues] Allakhverdov BL, et al. **Tsitologiia** 1985 Jun;27(6):726–32 (Eng. Abstr.) **(Rus)**

STANDARDS

Quantitative correlative proton and electron microprobe analysis of biological specimens. Forslind B, et al. **Histochemistry** 1985;82(5):425–7

Aminoplastic standards for quantitative X-ray microanalysis of thin sections of plastic-embedded biological material. Roos N, et al. **Ultramicroscopy** 1984;15(4):277–85

ELECTRON SPIN RESONANCE

Electron spin resonance spectroscopic demonstration of the hydroxyl free radical scavenger properties of dimethylaminoethanol in spin trapping experiments confirming the molecular basis for the biological effects of centrophenoxine. Nagy I, et al. **Arch Gerontol Geriatr** 1984 Dec;3(4):297–310

The applications of electron spin/paramagnetic resonance in biochemistry. Molecular Enzymology Group/Techniques Group/ Bioenergetics Group Joint Colloquium held in honour of Dr. Helmut Beinert. Leeds, 18–20 July 1984. **Biochem Soc Trans** 1985 Jun;13(3):541–634

Quarter field resonance and integer-spin/half-spin interaction in the EPR of Thermus thermophilus ferredoxin. Possible new fingerprints for three iron clusters. Hagen WR, et al. **Biochim Biophys Acta** 1985 Apr 29;828(3):369–74

Applications of electron spin resonance spectroscopy to microrheology studies of membranes and cells. Leterrier F, et al. **Biorheology** 1984;Suppl 1:309–14

Electron spin resonance of erythrocytes in Huntington's disease. Przuntek H, et al. **J Neurol** 1984;231(3):162–4

Quantitative aspects of ESR and spin trapping of hydroxyl radicals and hydrogen atoms in gamma-irradiated aqueous solutions. Carmichael AJ, et al. **Radiat Res** 1984 Nov;100(2):222–34

Tissue relaxation time: in vivo field dependence. Johnson GA, et al. **Radiology** 1985 Sep;156(3):805–10

Magnetic resonance imaging of biological specimens by electron paramagnetic resonance of nitroxide spin labels. Berliner JL, et al. **Science** 1985 Feb 1;227(4686):517–9

[ESR (electron spin resonance) analysis of cancer patient lymphocytes stained with hematoporphyrin D] Itabashi M, et al. **Gan No Rinsho** 1984 Aug;30(10):1293–8 (Eng. Abstr.) **(Jpn)**

[Preparation and ESR study of spin-labeled derivatives of Naja naja oxiana neurotoxin II] Utkin IuN, et al. **Bioorg Khim** 1983 Apr;9(4):437–49 (Eng. Abstr.) **(Rus)**

[Prospects for using the electron paramagnetic resonance method in forensic medicine] Pashinian GA. **Sud Med Ekspert** 1985 Apr–Jun;28(2):54–5 (10 ref.) **(Rus)**

METHODS

Electron-paramagnetic-resonance spectroscopy in biochemistry: past, present and future. Beinert H. **Biochem Soc Trans** 1985 Jun;13(3):542–7 (70 ref.)

Applications of spin-trapping to biological systems. Green MJ, et al. **Biochem Soc Trans** 1985 Jun;13(3):600–3

The electron paramagnetic resonance of metalloproteins. Palmer G. **Biochem Soc Trans** 1985 Jun;13(3):548–60

Spin-labels in biochemistry. Watts A. **Biochem Soc Trans** 1985 Jun;13(3):588–93

ELECTRON TRANSPORT

Defects in citric acid cycle and the electron transport chain in progressive poliodystrophy. Gabreëls FJ, et al. **Acta Neurol Scand** 1984 Sep;70(3):145–54

The mitochondrial electron transport and oxidative phosphorylation system. Hatefi Y. **Annu Rev Biochem** 1985;54:1015–69 (519 ref.)

The interaction between electron transfer, proton motive force and solute transport in bacteria. Konings WN, et al. **Antonie Van Leeuwenhoek** 1984;50(5–6):545–55 (33 ref.)

A regulatory effect of the electron transport chain on the ATP synthase. Loehr A, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):832–40

H+ stoichiometry of sites 1 + 2 of the respiratory chain of normal and tumor mitochondria. Villalobo A, et al. **Arch Biochem Biophys** 1984 Sep;233(2):417–27

Applications of spin-trapping to biological systems. Green MJ, et al. **Biochem Soc Trans** 1985 Jun;13(3):600–3

Paramagnetic probes of multicomponent electron-transfer systems. Kamin H, et al. **Biochem Soc Trans** 1985 Jun;13(3):615–8

The effect of mono- and divalent salts on the rise and decay kinetics of EPR signal II in Photosystem II preparations from spinach. Boska M, et al. **Biochim Biophys Acta** 1985 Jun 26;808(1):132–9

A redox study of the electron transport pathway responsible for generation of the slow electrochromic phase in chloroplasts. Girvin ME, et al. **Biochim Biophys Acta** 1984 Oct 26;767(1):29–38

The kinetics of quinone pools in electron transport. Ragan CI, et al. **Biochim Biophys Acta** 1985 Apr 8;811(1):13–31

Control of forward and reverse electron flow in mitochondria: thermodynamic versus kinetic considerations. Mitchell RA. **Curr Top Cell Regul** 1984;24:387–95

Importance of local positive charges on cytochrome f for electron transfer to plastocyanin and potassium ferricyanide. Takenaka K, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1813–21

Electrostatic influence on energetics of electron transfer reactions. Rees DC. **Proc Natl Acad Sci USA** 1985 May;82(10):3082–5

Stochastic free energy transduction. Westerhoff HV, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3222–6

[Quantitative estimate of major factors determining the kinetics of electron transfer reactions with cytochrome c] Fogel' VR, et al. **Biofizika** 1985 May–Jun;30(3):394–9 (Eng. Abstr.) **(Rus)**

[Stochastic dynamics and electron-conformation interactions in proteins] Shaitan KV, et al. **Biofizika** 1985 May–Jun;30(3):517–26 (66 ref.) (Eng. Abstr.) **(Rus)**

[Delayed bacteriochlorophyll luminescence and the primary stages of electron transport in photosynthetic reaction centers of purple bacteria] Borisov AIu, et al. **Mol Biol (Mosk)** 1984 Jul–Aug;18(4):869–91 (265 ref.) (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Bleomycin control of transplasma membrane redox activity and proton movement in HeLa cells. Sun IL, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):617–22

Chlorpromazine inhibition of electron transport in Azotobacter vinelandii membranes. Wong TY, et al. **Biochim Biophys Acta** 1985 May 31;807(3):320–3

Influence of oxygen on the microsomal electron transport system in Saccharomyces cerevisiae. Bertrand JC, et al. **Biochimie** 1984 Jul–Aug;66(7–8):583–8

ELECTRONARCOSIS

see related
ELECTROTHERAPY

Contrast medium causes the apparent increase in beta-endorphin levels in human cerebrospinal fluid following brain stimulation. Dionne RA, et al. **Pain** 1984 Dec;20(4):313–21

[Comparative evaluation of various hemostatic indicators in different types of general anesthesia during surgical treatment of patients with uterine myoma] Khrenov VI. **Akush Ginekol (Mosk)** 1984 Dec;(12):49–52 (Eng. Abstr.) **(Rus)**

[Effect of combined electroanesthesia on catecholamine, cortisol and insulin concentrations in the peripheral blood of urological patients] Karpenko VV, et al. **Anesteziol Reanimatol** 1984 Nov–Dec;(6):14–6 (Eng. Abstr.) **(Rus)**

[Use of polyglucin to increase the effect of anesthesia during combined electroanesthesia] Maslakov DA, et al. **Anesteziol Reanimatol** 1984 Jul–Aug;(4):43–6 (Eng. Abstr.) **(Rus)**

[Electrosleep as a method of preventing neuropsychic overstrain and of restoring operator mental work capacity] Goncharenko AM, et al. **Fiziol Cheloveka** 1984 Jan–Feb;10(1):47–51 **(Rus)**

[Prevention of the cumulative manifestations of fatigue in sailors during prolonged cruises by means of electrosleep] Sten'ko IuM, et al. **Gig Tr Prof Zabol** 1985 May;(5):42–4 **(Rus)**

[Electroanesthesia as a means of controlling cold stress during regional hypothermia] Stazhadze LL, et al. **Kosm Biol Aviakosm Med** 1985 Mar–Apr;19(2):81–5 **(Rus)**

[Non-pharmacological methods of treatment and prevention of cardiac rhythm disorders in children] Ternova TI, et al. **Vestn Akad Med Nauk SSSR** 1985;(6):65–9 (Eng. Abstr.) **(Rus)**

[Central electroanalgesia in the treatment of patients with neurosis-like conditions] Kulakov AV. **Vrach Delo** 1985 Mar;(3):112–4 (Eng. Abstr.) **(Rus)**

METHODS

Reduced anesthetic requirement after electrical stimulation of periaqueductal gray matter. Roizen MF, et al. **Anesthesiology** 1985 Feb;62(2):120–3

Intracranial stimulation for the control of chronic pain. Richardson DE. **Clin Neurosurg** 1983;31:316–22

[Double-blind study of the analgesic component of electropharmacological anesthesia] Atinault A, et al. **Agressologie** 1984 Nov;25(11):1221–2 (Eng. Abstr.) **(Fre)**

[Peroperative electric analgesia (237 cases)] Garnier D, et al. **Agressologie** 1984 Nov;25(11):1225–9 (Eng. Abstr.) **(Fre)**

[Long-term electropharmacological anesthesia (5 cases) in postoperative intensive care] Garnier D, et al. **Agressologie** 1984 Nov;25(11):1237–9 (Eng. Abstr.) **(Fre)**

[Effects of acupuncture electrostimulation on intra- and postoperative analgesia in renal surgery. Preliminary comparative study] Lefèvre J, et al. **Agressologie** 1984 Nov;25(11):1231–6 (Eng. Abstr.) **(Fre)**

[Electro-pharmacological anesthesia with spontaneous respiration] Reiter V, et al. **Agressologie** 1984 Nov;25(11):1219–20 (Eng. Abstr.) **(Fre)**

[Transcutaneous cerebral electric stimulation by Limoge current during labor] Champagne C, et al. **Ann Fr Anesth Reanim** 1984;3(6):405–13 (Eng. Abstr.) **(Fre)**

[Electro-drug anesthesia. Clinical and hormonal effects of transcranial electrostimulation] Steib A, et al. **Ann Fr Anesth Reanim** 1985;4(3):274–82 (Eng. Abstr.) **(Fre)**

[Non-medicamentous treatment of labor pain by electrostimulation] Kubista E. **Zentralbl Gynakol** 1985;107(9):532–8 (Eng. Abstr.) **(Ger)**

[Effectiveness of various methods of electroanesthesia] Mosonov EP, et al. **Voen Med Zh** 1984 Dec;(12):51–2 **(Rus)**

[Use of a modified method of electrosleep in the treatment of neurostomatological diseases] Grechko VE, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep–Oct;(5):37–40 (Eng. Abstr.) **(Rus)**

[Combination electroanesthesia in oncological patients during surgery and in the early postoperative period] Khonelidze GB, et al. **Vopr Onkol** 1985;31(2):73-8 (Eng. Abstr.) (Rus)

VETERINARY

Haemodynamic alterations during electroanaesthesia in young buffaloes. Comparative study of electric wave forms. Rao MN, et al. **Ann Rech Vet** 1984;15(3):341-5

Electroanaesthesia or electroimmobilisation of calves, sheep and pigs by the Feenix Stockstill. Lambooy E. **Vet Q** 1985 Apr;7(2):120-6

ELECTRONIC DATA PROCESSING see **AUTOMATIC DATA PROCESSING**

ELECTRONICS

see related
TAPE RECORDING

Mutagenesis test on urine of workers exposed to polycyclic aromatic hydrocarbons in a anode plant. Clonfero E, et al. **Med Lav** 1984 Jul-Aug;75(4):275-81

Evaluation of porphyrinogenesis and enzyme induction in workers exposed to PCB. Maroni M, et al. **Med Lav** 1984 May-Jun;75(3):188-99

[Physical work capacity of electronics workers (the assembling and checking of printed circuit boards)] Khadzhiolova I, et al. **Probl Khig** 1984;9:17-28 (Eng. Abstr.) (Bul)

[Health complaints caused by working with chlorinated solvents in the electronic industry] Rasmussen K, et al. **Ugeskr Laeger** 1985 Mar 18;147(12):1053-7 (Eng. Abstr.) (Dan)

[Applicability of the nonspecific bronchial provocation test in epidemiology] Polato R, et al. **Med Lav** 1984 May-Jun; 75(3):180-7 (Eng. Abstr.) (Ita)

[Diagnosis of ischemic heart disease in an organized population] Bluzhas IN, et al. **Kardiologiia** 1984 Nov; 24(11):61-3 (Eng. Abstr.) (Rus)

[Quanta of goal-oriented worker activity in the process of manufacturing electron-optical systems] Mamedov AM, et al. **Vestn Akad Med Nauk SSSR** 1985;(2):60-3 (Eng. Abstr.) (Rus)

[Hygienic features of the work of electronics industry workers and ways of improving them] Datsenko II, et al. **Vrach Delo** 1984 Dec;(12):91-4 (Eng. Abstr.) (Rus)

INSTRUMENTATION

Four-digit LSI counter and controller for neurobiology. Bartz JC, et al. **Med Biol Eng Comput** 1984 Nov;22(6):607-8

ELECTRONICS, MEDICAL

An optoelectronic device to read and spell braille—braillect. Lachiver G, et al. **IEEE Trans Biomed Eng** 1984 Aug; 31(8):560-3

Rechargeable batteries—cause for concern [editorial] Brydon J. **J Med Eng Technol** 1985 May-Jun;9(3):105-6

Data acquisition from an electronic particle counter using a minicomputer. Krasnow R, et al. **Med Biol Eng Comput** 1985 May;23(3):285-8

Isolating the Medelec RS232 data interface. Royall RA. **Med Biol Eng Comput** 1985 May;23(3):289-90

Biosensors and the clinical laboratory. Pace SJ. **Med Instrum** 1985 Jul-Aug;19(4):168-72

The impact of integrated and intelligent sensor systems on medical equipment and methods. Van der Spiegel J. **Med Instrum** 1985 Jul-Aug;19(4):153-7

The molecular electronic device and the biochip computer: present status. Haddon RC, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1874-8

[The current status of medical electronics in urology] **Nippon Hinyokika Gakkai Zasshi** 1984 Nov;75(11):1729-36 (Jpn)

INSTRUMENTATION

An electronic device for accurate quantification of neuronal mass activity based on a digital integration method. Schmid K, et al. **J Neurosci Methods** 1984 Aug;11(3):159-67

Use of feedback with voltage regulators for implants powered by coupled coils [letter] Donaldson N de N. **Med Biol Eng Comput** 1985 May;23(3):291

Electronic control of ventricular tachyarrhythmias: overview and future directions. Winkle RA. **PACE** 1984 Nov;7(6 Pt 2):1375-9

[Glass fiber or chip? The new electronic endoscopes] Classen M. **Dtsch Med Wochenschr** 1985 Apr 12;110(15):567-9 (Ger)

[The first linear electron accelerator Therac 15-Saturne in clinical service. 2. Measurement of electron radiation] Strauch B. **Strahlentherapie** 1985 Sep;161(9):565-71 (Eng. Abstr.) (Ger)

[Review of the environmental control system for the severely handicapped] Tsuchiya K. **Iyodenshi To Seitai Kogaku** 1984 Sep;22(5):305-10 (4 ref.) (Jpn)

[Electronic technics in exploring the chest] Lupşa M. **Rev Ig [Pneumoftiziol]** 1985 Jan-Mar;34(1):41-74 (Rum)

[Programmable generator of analog signals of arbitrary shape and its use as a simulator of ECG signals] Mironiuk AG, et al. **Med Tekh** 1985 Mar-Apr;(2):10-2 (Eng. Abstr.) (Rus)

[Electronic location of foreign bodies in the eye] Bykov VP, et al. **Vestn Oftalmol** 1985 Mar-Apr;101(2):42-5 (Eng. Abstr.) (Rus)

[Electrical technology for medicine] Pavlov MI. **Voen Med Zh** 1984 Oct;(10):59 (Rus)

METHODS

An electronic technique for compartment pressure measurement using the wick catheter. Russell WL, et al. **Surg Gynecol Obstet** 1985 Aug;161(2):173-5

ELECTRONS

Total skin electron beam irradiation for cutaneous T-cell lymphoma (mycosis fungoides). Van Vloten WA, et al. **Br J Dermatol** 1985 Jun;112(6):697-702

A clinical evaluation of a prototype positron camera for longitudinal emission tomography. Flower MA, et al. **Br J Radiol** 1984 Dec;57(684):1103-17

Placental transfer of positron-emitting radionuclides in metabolic substrates. Ishiwata K, et al. **Int J Nucl Med Biol** 1985;12(1):33-6

Techniques for intraoral electron treatments. Hudson FR, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1731-2

Total skin electron beam and total nodal irradiation for treatment of patients with cutaneous T-cell lymphoma. Micaily B, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun; 11(6):1111-5

Electron density calculations as an extension of protein structure refinement. Streptomyces griseus protease A at 1.5 A resolution. Moult J, et al. **J Mol Biol** 1985 Apr 20; 182(4):555-66

Comments on the transfer of absorbed dose from plastic to water in electron beams [letter] Andreo P, et al. **Med Phys** 1984 Nov-Dec;11(6):874-7

The effect of free electrons on ionization chamber saturation curves. Bielajew AF. **Med Phys** 1985 Mar-Apr; 12(2):197-200

The collection efficiency of an ionization chamber in a pulsed and magnetically swept electron beam: limits of validity of the two-voltage technique. Conere TJ, et al. **Med Phys** 1984 Jul-Aug;11(4):465-8

Direct measurement of electron contamination in cobalt beams using a charge detector. Galbraith DM, et al. **Med Phys** 1985 May-Jun;12(3):273-80

The effect of thickness of the waterproofing sheath on the calibration of photon and electron beams. Gillin MT, et al. **Med Phys** 1985 Mar-Apr;12(2):234-6

Temperature-pressure compensation for a linear accelerator electron beam dosimeter. Hrejsa AF, et al. **Med Phys** 1985 Mar-Apr;12(2):260-1

The determination of electron density by the dual-energy Compton scatter method. Huddleston AL, et al. **Med Phys** 1985 Jan-Feb;12(1):13-9

Demonstration of relatively new electron dosimetry measurement techniques on the Mevatron 80. Meyer JA, et al. **Med Phys** 1984 Sep-Oct;11(5):670-7

A shaping device for irregular electron fields for the Therac-20 accelerator. Muller-Runkel R, et al. **Med Phys** 1985 Jan-Feb;12(1):90-2

Theoretical and experimental investigation of dose enhancement due to charge storage in electron-irradiated phantoms. Rawlinson JA, et al. **Med Phys** 1984 Nov-Dec; 11(6):814-21

Dosimetry of small fields for Therac 20 electron beams. Sharma SC, et al. **Med Phys** 1984 Sep-Oct;11(5):697-702

Comments on the method of energy determination for electron beams in the TG-21 protocol [letter] Wu A, et al. **Med Phys** 1984 Nov-Dec;11(6):871-4

The effect of beam angulation on central axis per cent depth dose for 4-29 MeV electrons. Biggs PJ. **Phys Med Biol** 1984 Sep;29(9):1089-96

Measurements of ionisation in water, polystyrene and a 'solid water' phantom material for electron beams. Thwaites DI. **Phys Med Biol** 1985 Jan;30(1):41-53

Charge storage effect on dose in insulating phantoms irradiated with electrons. Thwaites DI. **Phys Med Biol** 1984 Sep;29(9):1153-6

Electron dosimetry with thermally stimulated exoelectron emission (TSEE). Wieters CU, et al. **Phys Med Biol** 1984 Sep;29(9):1097-107

The significance of electron binding corrections in Monte Carlo photon transport calculations. Williamson JF, et al. **Phys Med Biol** 1984 Sep;29(9):1063-73

Retrograde amnesia produced by electron beam exposure: causal parameters and duration of memory loss. Wheeler TG, et al. **Radiat Res** 1985 Jan;101(1):74-80

The use of a concomitant electron boost (field in the field technique) in large cervical node metastases over a shortened period. Nguyen TD, et al. **Radiother Oncol** 1984 Dec;2(4):313-6

Electron transfer between metal complexes: retrospective. Taube H. **Science** 1984 Nov 30;226(4678):1028-36

[Conservative treatment of tumors of the retina at the Curie Institute. Long-term results of 129 cases treated with Stallard's disk and electrons] Haye C, et al. **Bull Cancer (Paris)** 1985;72(2):87-98 (Eng. Abstr.) (Fre)

[Stereoelectronic effects in organic and bio-organic chemistry. I. Model examples from organic chemistry] Pindur U. **Pharm Unserer Zeit** 1985 Mar;14(2):50-5 (Ger)

[Simplified manufacture of individual field shapers for radiotherapy with electrons] Brix F, et al. **Rontgenpraxis** 1984 Aug;37(8):297-9 (Ger)

[Indications for and methods of deep electron therapy] Kimmig B, et al. **Rontgenpraxis** 1985 Feb;38(2):68-72 (Ger)

[Quantitative autoradiography using positron emitters] Takahashi K, et al. **Kaku Igaku** 1984 Nov;21(11):1389-93 (Eng. Abstr.) (Jpn)

[Precision measurements of the Doppler broadening of positron annihilation radiations using a simultaneous and comparative detection technique] Iwase Y, et al. **Radioisotopes** 1985 Apr;34(4):195-200 (Eng. Abstr.) (Jpn)

[Surface treatment by a low energy electron beam. Present status and future prospect] Tabata Y. **Radioisotopes** 1985 Apr;34(4):234-41 (Jpn)

[Electron spectroscopy and the electron structure of molecules] Morozov IuV, et al. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):132-43 (Eng. Abstr.) (Rus)

[Statistical aspects of the relation of the radioprotective action of mercaptoethylamine derivatives and analogs to their electron parameters] Mukhomorov VK. **Radiobiologiia** 1985 May-Jun;25(3):422-6 (Eng. Abstr.) (Rus)

ELECTRONYSTAGMOGRAPHY

Comparison of auditory evoked potentials, trigemino-facial reflex and electronystagmography in the assessment of site of brain stem lesions in multiple sclerosis. Sartucci F, et al. **Acta Neurol (Napoli)** 1984 Dec;6(6):432-41

Electronystagmogram is useful in the diagnosis of vertebrobasilar and carotid transient ischaemic attacks. Huang CY, et al. **Ann Acad Med Singapore** 1985 Jan; 14(1):44-8

Electronystagmographic findings in posterior fossa metastases. Elidan J, et al. **Ann Otol Rhinol Laryngol** 1985 Jul-Aug;94(4 Pt 1):424-5

ENG of the month. Computed tomography and electronystagmography in conflict with minor symptoms and signs. Mallinson AI, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):525-7

Electronystagmographic findings in long-term low-dose quinine ingestion. A preliminary report. Zajtchuk JT, et al. **Arch Otolaryngol** 1984 Dec;110(12):788-91

Follow-up study of electronystagmographic findings in Friedreich's ataxia patients and evaluation of their relatives. Monday L, et al. **Can J Neurol Sci** 1984 Nov;11(4 Suppl):570-3

Electronystagmography and horizontal directionalization. Snashall S. **J Laryngol Otol** 1984 Oct;98(10):981-8

Electronystagmography: reporting results. Feudo P Jr, et al. **Laryngoscope** 1985 May;95(5):611-3

Arnold-Chiari malformation and the otolaryngologist: place of magnetic resonance imaging and electronystagmography. Longridge NS, et al. **Laryngoscope** 1985 Mar;95(3):335-9

Electronystagmography and audio potentials in space flight. Thornton WE, et al. **Laryngoscope** 1985 Aug;95(8):924-32

[Electronystagmographic diagnosis of fixation nystagmus] Mrázek J, et al. **Cesk Otolaryngol** 1984 Jun;33(3):173-8 (Eng. Abstr.) (Cze)

[Neuro-otologic diagnosis] Aantaa E. **Duodecim** 1985; 101(7):651-8 (Fin)

[Diagnostic value of electronystagmography in closed head injuries] Abelachvili RI. **Rev Neurol (Paris)** 1984; 140(10):597-8 (Eng. Abstr.) (Fre)

[Electronystagmography and hyperbaric conditions] Renon P, et al. **Rev Otoneuroophtalmol** 1984 May-Jun; 56(3):287-98 (Eng. Abstr.) (Fre)

[Opsoclonus and myoclonus syndrome. Clinical and electronystagmography findings with course studies] Leopold HC. **Fortschr Neurol Psychiatr** 1985 Feb; 53(2):42-54 (Eng. Abstr.) (Ger)

[Long-term nystagmographic study following craniocerebral trauma] Piper HF. **Fortschr Ophthalmol** 1984;81(5):421-5 (Eng. Abstr.) (Ger)

[Statistical study of gaze displacement calibration] Ranacher G. **Laryngol Rhinol Otol (Stuttg)** 1985 Feb;64(2):76-80 (Eng. Abstr.) (Ger)

[Multiple sclerosis and electronystagmography] Haas R. **Wien Med Wochenschr** 1985 Jan 31;135(1-2):34-5 (Eng. Abstr.) (Ger)

[Studies on some basic problems of computer analysis of ENG examinations] Watanabe Y, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Sep;87(9):1089-95 (Eng. Abstr.) (Jpn)

[Polygraphic analysis of sleep] Hiraga H. **Rinsho Byori** 1985 Feb;Spec No 61:147-71 (88 ref.) (Jpn)

[Nystagmometry in the assessment of vestibular function] Levashov MM. **Probl Kosm Biol** 1984;50:3-221 (Rus)

[Study of central fatigue using electronystagmography] Breier P. **Bratisl Lek Listy** 1984 Aug;82(2):927-35 (Eng. Abstr.) (Slo)

INSTRUMENTATION

[A simple measuring device for nystagmus amplitude. A contribution to rapid, exact and inexpensive evaluation of electronystagmograms] Scherer H, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Oct;63(10):521-3 (Eng. Abstr.) (Ger)

METHODS

An eye tracking system for diagnosing CNS disorders. Miles E, et al. **Biomed Sci Instrum** 1985;21:73–6

Objective estimation of visual acuity by means of optokinetic nystagmus. Makabe R. **Dev Ophthalmol** 1984;9:130–2

Improvements in clinical electronystagmogram analysis. Fonda S, et al. **Doc Ophthalmol** 1984 Aug 15;58(1):79–84

Cumulative slow-phase eye position of the caloric nystagmus. Chalabi Z. **ORL J Otorhinolaryngol Relat Spec** 1984;46(5):270–80

[Computer analysis of the nystagmogram—development and clinical use] Wortmann A. **Biomed Tech (Berlin)** 1985 May; 30(5):104–10 (Eng. Abstr.) **(Ger)**

[Limits and possibilities of electronystagmography] Pfaltz CR. **Laryngol Rhinol Otol (Stuttg)** 1984 Oct;63(10):511–6 (Eng. Abstr.) **(Ger)**

[Automated analysis of vestibular nystagmus] Skliut IA, et al. **Vestn Otorinolaringol** 1985 Mar–Apr;(2):70–4 (56 ref.) **(Rus)**

ELECTROOCULOGRAPHY

The transfer of EOG activity into the EEG for eyes open and closed. Gasser T, et al. **Electroencephalogr Clin Neurophysiol** 1985 Aug; 61(2):181–93

Electrophysiological testing in diabetic eye disease. Biersdorf WR. **Int Ophthalmol Clin** 1984 Winter;24(4):143–54

Calibration of saccades in infants. Metz HS. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1233–4

Digital filtering of physiological signals with minimal distortion. Hamer CF, et al. **Med Biol Eng Comput** 1985 May;23(3):274–8

Discrete eye-position recording for alternative communication. ten Kate JH, et al. **Med Prog Technol** 1985; 10(4):201–11

Lithium affects EOG in humans [letter] Emrich HM, et al. **Psychiatry Res** 1984 Dec;13(4):355–7

[Electrical responses of the retinal pigment epithelium to hyperosmolarity] Mukoh S. **Nippon Ganka Gakkai Zasshi** 1985 Mar;89(3):482–97 (Eng. Abstr.) **(Jpn)**

[Suppressive effect on the electro-oculographic light rise of the intravenous injection of a hypertonic solution] Wakabayashi K, et al. **Nippon Ganka Gakkai Zasshi** 1985 Mar;89(3):423–7 (Eng. Abstr.) **(Jpn)**

[Electrical phenomena of the retina and their clinical application] Kawasaki K. **Rinsho Byori** 1985 Feb;Spec No 61:195–203 **(Jpn)**

[Active oculography as a method of diagnosing the psychophysiologic condition of a man] Volkov VG, et al. **Zh Vyssh Nerv Deiat** 1984 Nov–Dec;34(6):1022–30 (Eng. Abstr.) **(Rus)**

INSTRUMENTATION

An electro-ocular switch for communication of the speechless. ten Kate JH, et al. **Med Prog Technol** 1983–84; 10(3):135–41

METHODS

Computerized analysis of voluntary eye movements. A clinical method for evaluation of smooth pursuit and saccades in oto-neurological diagnosis. Bergenius J. **Acta Otolaryngol (Stockh)** 1984 Nov–Dec;98(5–6):490–500

A clinician's guide to electrophysiology of the retina. Stark DJ. **Aust J Ophthalmol** 1984 May;12(2):171–9

Application of electrodiagnostic methods in ophthalmology. Kolder HE. **Dev Ophthalmol** 1984;9:29–39

Slow retinal potentials in diseases of the retinal pigment epithelium. Röver J, et al. **Dev Ophthalmol** 1984;9:195–203

Measurement of torsion from multitemporal images of the eye using digital signal processing techniques. Parker JA, et al. **IEEE Trans Biomed Eng** 1985 Jan;32(1):28–36

Velocities of vertical saccades with different eye movement recording methods. Yee RD, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):938–44

ELECTROPHORESIS

see related

BLOOD PROTEIN ELECTROPHORESIS
IMMUNOELECTROPHORESIS

A comparative study of three methods of glycosylated haemoglobin measurements. Chan L, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):199–202

Comparison of viral RNA electrophoresis and indirect ELISA methods in the diagnosis of human rotavirus infection. Avendaño LF, et al. **Bull Pan Am Health Organ** 1984;18(3):245–9

Two-dimensional electrophoresis protein mapping. **Clin Chem** 1984 Dec;30(12 Pt 1):1897–2108

Some perspectives on two-dimensional protein mapping. Anderson L, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1898–905

Global approaches to quantitative analysis of gene-expression patterns observed by use of two-dimensional gel electrophoresis. Anderson NL, et al. **Clin Chem** 1984 Dec; 30(12 Pt 1):2031–6

Gamma heavy chain disease studied by two-dimensional electrophoresis and immuno-blotting techniques. Blangarin P, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2021–5

Two-dimensional electrophoresis of proteins from cultured human retinal-pigment epithelial cells: internal references, cataloging, and glycoproteins. Haley JE, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1906–13

Two-dimensional gel electrophoresis used in neurobiological studies of proteins in discrete areas of the rat brain. Jacobowitz DM, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1996–2002

Macroamylase not always evidenced by a broad band in agarose gel electrophoresis [letter] Kammeraat C, et al. **Clin Chem** 1985 Jun;31(6):1078

An approach to molecular analysis of T-cell clones by two-dimensional gel electrophoresis: is there interclonal and intraclonal heterogeneity? Kettman J, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1950–5

An attempt to resolve all the various proteins in a single human cell type by two-dimensional electrophoresis: I. Extraction of all cell proteins. Klose J, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2014–20

'Ultrasensitive' silver stains: their use exemplified in the study of normal human cerebrospinal fluid proteins separated by two-dimensional electrophoresis. Merril CR, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1938–42

Two-dimensional gel pattern of proteins synthesized de novo in lymphoid organs of the mouse. Pluschke G, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2043–7

Molecular characterization of an abnormal fibrinogen by two-dimensional electrophoresis. Polack B, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2093–7

Two-dimensional electrophoresis used to differentiate the causal agents of American tegumentary leishmaniasis. Saravia NG, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2048–52

Two-dimensional electrophoresis of human plasma apolipoproteins. Sprecher DL, et al. **Clin Chem** 1984 Dec; 30(12 Pt 1):2084–92

Tissue proteins in breast cancer, as studied by use of two-dimensional electrophoresis. Stastny J, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1914–8

'Map' of proteins resolved from human chorionic villi by two-dimensional electrophoresis. Trnka PL, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2040–2

A metrological study of autoradiographs from two-dimensional gel electrophoresis. Valiron O, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1943–6

Clinical usefulness of cellulose acetate electrophoresis as a screening of proteinuria in childhood. Hara M, et al. **Int J Pediatr Nephrol** 1985 Apr–Jun;6(2):111–6

Electrophoresis. **J Chromatogr** 1985 Aug 16;335(4):B497–514

Electrophoresis. **J Chromatogr** 1984 Oct 3;304(4):B501–25

Isotachophoresis as a candidate reference method in analytical chemistry. Determination of sodium in serum. Lemmens AA, et al. **J Chromatogr** 1985 Feb 22; 320(1):193–7

An application of the high-iron diamine staining for detection of sulfated glycoproteins (glycopeptides) in electrophoresis on cellulose acetate membrane. Munakata H, et al. **Tohoku J Exp Med** 1985 Mar;145(3):251–7

[Electrophoresis of proteins in cerebrospinal fluid and blood on thin-layer agarose. Methods and normal values] Safář J, et al. **Cesk Neurol Neurochir** 1985 May;48(3):170–8 (Eng. Abstr.) **(Cze)**

[Comparison of the electrophoresis of proteins in the cerebrospinal fluid and blood on thin-layer agarose and on paper] Safář J, et al. **Cesk Neurol Neurochir** 1985 May; 48(3):179–85 (Eng. Abstr.) **(Cze)**

[Diagnostic value of electrophoresis of tear proteins] Liotet S, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):545–9 **(Fre)**

[Separation of modified amylase using electrophoresis and inhibitor methods] Hirasawa Y, et al. **Rinsho Byori** 1985 Feb;33(2):183–8 **(Jpn)**

[Cell electrophoresis] Sungurov AIu. **Tsitologiia** 1984 Sep; 26(9):983–95 (126 ref.) (Eng. Abstr.) **(Rus)**

INSTRUMENTATION

A 'high-performance' 2D gel scanner. Kronberg H, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2059–62

Isotachophoretic analysis of bloodstains: differentiation of human, menstrual, bovine, and ovine bloods. Alsawaf K, et al. **J Forensic Sci** 1985 Jul;30(3):922–30

[Laser Doppler velocimetry applied to the measurement of electrophoretic mobility of suspended cells: the electrophorometer] Stoltz JF, et al. **Agressologie** 1984 Sep; 25(8):937–9 (Eng. Abstr.) **(Fre)**

[Computer-assisted findings on protein electrophoresis on cellulose acetate film] Knüppel W, et al. **J Clin Chem Clin Biochem** 1984 Jun;22(6):407–17 (Eng. Abstr.) **(Ger)**

[Apparatus for microelectrophoresis in capillary tubes] Mikichur NI, et al. **Lab Delo** 1985;(3):184–5 **(Rus)**

METHODS

Counterflow immunoisotachophoresis on cellulose acetate membranes. Abelev GI, et al. **Anal Biochem** 1984 Nov 1; 142(2):437–44

Detection of proteases by clotting of casein after gel electrophoresis. Foltmann B, et al. **Anal Biochem** 1985 May 1;146(2):353–60

Applicability of agarose gel electrophoresis to the physical characterization of clathrin-coated vesicles. Gottlieb MH, et al. **Anal Biochem** 1985 Jun;147(2):353–63

Two-dimensional agarose gel electrophoresis without gel manipulation. Serwer P. **Anal Biochem** 1985 Jan; 144(1):172–8

A video image correlation technique for the measurement of electrophoretic mobility. Deeley JO, et al. **Biochim Biophys Acta** 1984 Nov 6;802(1):55–66

Theory of counterion electrophoresis. Guidelines for determination of ligand-binding parameters. Cann JR, et al. **Biophys Chem** 1985 Feb;21(2):81–9

Use of a laser-Doppler electrophoresis method in bacteriology (preliminary results). Stoltz JF, et al. **Biorheology** 1984;Suppl 1:303–7

Recognition of a positive MLR within 4 hours using a carrier free electrophoresis system. Eckstein R, et al. **Blut** 1985 Apr;50(4):233–41

Pouring reproducible gradients in gels under computer control: new devices for simultaneous delivery of two independent gradients, for more flexible slope and pH range of immobilized pH gradients. Altland K, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2098–103

Identification of polypeptides on two-dimensional electrophoresis gels by amino acid composition. Latter GI, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1925–32

Two-dimensional electrophoresis of proteins in human serum: improved resolution by use of narrow pH gradients and prolonged electrophoresis. Marshall T, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2008–13

Two-dimensional electrophoretic analysis of cytosols from human breast tumors: optimal migration conditions. Motté P, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1947–9

Spot identification in two-dimensional patterns by a least-squares template matching. Pardowitz I, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1985–8

Quantitative analysis and pattern recognition of two-dimensional electrophoresis gels. Ridder G, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1919–24

Advantages of separations on 'giant' two-dimensional gels for detection of physiologically relevant changes in the expression of protein gene-products. Young DA. **Clin Chem** 1984 Dec;30(12 Pt 1):2104–8

Hemoglobin electrophoresis in agar gel—a modified method for routine use. Giri DD, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):179–83

Large sample volume preseparation for trace analysis in isotachophoresis. Dolník V, et al. **J Chromatogr** 1985 Feb 22;320(1):89–97

[Determination of alpha-amylase isoenzymes using electrophoresis on agarose gel] Bibrová J, et al. **Cas Lek Cesk** 1985 Aug 16;124(33):1048–50 (Eng. Abstr.) **(Cze)**

[Influence of the factors altering the electrophoretic migration of the alpha 2 Gc globulin in the diagram of iso-electric focusing of the Gc type] Shinomiya K. **Forensic Sci Int** 1984 Aug;25(4):255–63 (Eng. Abstr.) **(Fre)**

[Assay of glycosylated hemoglobin by agar gel electrophoresis in an acid pH. Value of the determination of the stable fraction in clinical biology] North ML, et al. **Pathol Biol (Paris)** 1984 Sep;32(7):779–84 (Eng. Abstr.) **(Fre)**

[Electrophoresis of unconcentrated cerebrospinal fluid on cellulose acetate film] Krause H. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Dec; 36(12):737–9 **(Ger)**

[2-dimensional electrophoresis of cerebrospinal fluid in various neurological patients] Wiederkehr F, et al. **Schweiz Med Wochenschr** 1985 Mar 16;115(11):368–73 (Eng. Abstr.) **(Ger)**

[Direct quantitative determination of LDL cholesterol and HDL cholesterol using agarose gel electrophoresis] Herrmann W, et al. **Z Gesamte Inn Med** 1984 Oct 1; 39(19):478–81 (Eng. Abstr.) **(Ger)**

[Controlled high voltage electrophoresis. Screening test for pathologically increased substance concentrations and toxicologic-chemical detection] Hebecker W, et al. **Z Med Lab Diagn** 1984;25(7):406–8 **(Ger)**

[Monodimensional electrophoretic picture of the most frequent hyperaminoacidurias caused by disorders of the intermediate metabolism of aminoacids (pre-renal)] Berio A. **Minerva Pediatr** 1984 Sep 15;36(17):791–6 (Eng. Abstr.) **(Ita)**

[Laboratory contribution to the diagnosis of micromolecular myeloma. Description of 5 cases] Derelli E, et al. **Quad Sclavo Diagn** 1984 Jun;20(2):171–80 (Eng. Abstr.) **(Ita)**

[Use of nucleic acid preparative electrophoresis in molecular oncological research] Fedorov SN, et al. **Eksp Onkol** 1985; 7(3):31–4 (Eng. Abstr.) **(Rus)**

[Analytical microelectrophoresis of cells and the means for using it in oncological research] Novichenko NL, et al. **Eksp Onkol** 1985;7(3):21–6, 30 (53 ref.) (Eng. Abstr.) **(Rus)**

[Method of rapid change of test solutions during studies of isolated cells] Vrublevskii SV, et al. **Fiziol Zh** 1985 Mar–Apr;31(2):241–2 **(Rus)**

[Modified method of preparative cell electrophoresis] Belotserkovskaia OV, et al. **Lab Delo** 1984;(12):736–40 (Eng. Abstr.) **(Rus)**

[Quantitative interpretation of experimental data on cell electrophoresis] Sigal VL. **Lab Delo** 1985;(2):123 **(Rus)**

[A detailed account of a method of determining barbiturates in serum and urine using isotachophoresis] Veljanovski A, et al. **Vojnosanit Pregl** 1985 Jan–Feb;42(1):19–24 (Eng. Abstr.) **(Ser)**

STANDARDS

Quality control and technical outcome of ISO-DALT two-dimensional electrophoresis in a clinical laboratory setting. Daufeldt JA, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1972–80

ELECTROPHORESIS, AGAR GEL see under **ELECTROPHORESIS**

ELECTROPHORESIS, CELLULOSE ACETATE see under **ELECTROPHORESIS**

ELECTROPHORESIS, DISC see under **ELECTROPHORESIS, POLYACRYLAMIDE GEL**

ELECTROPHORESIS, PAPER

[Comparison of the electrophoresis of proteins in the cerebrospinal fluid and blood on thin-layer agarose and on paper] Safář J, et al. **Cesk Neurol Neurochir** 1985 May;48(3):179–85 (Eng. Abstr.) **(Cze)**

METHODS

Electrochromatographic analysis of abnormal serum proteins. Rybarska J, et al. **Haematologia (Budap)** 1985;18(2):133–9

ELECTROPHORESIS, POLYACRYLAMIDE GEL

Electrophoretic transfer of proteins from fixed and stained gels. Phelps DS. **Anal Biochem** 1984 Sep;141(2):409–12

Anomalous behavior of bovine alpha s1- and beta-caseins on gel electrophoresis in sodium dodecyl sulfate buffers. Creamer LK, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):476–86

Effect of heat and sodium dodecyl sulfate on solubilization of proteins before two-dimensional polyacrylamide gel electrophoresis. Hodges SC, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2003–7

Identification of coordinate pairs of polypeptides: a technique for screening of putative precursor product pairs in 2D gels. Lemkin PF, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1965–71

Improved electrophoretic resolution of bone and liver alkaline phosphatases resulting from partial digestion with neuraminidase. Moss DW, et al. **Clin Chim Acta** 1984 Nov 15;143(2):177–82

Quantitative analysis of two-dimensional electrophoretograms using shape-fitting. Tamura S, et al. **Comput Biol Med** 1985;15(3):123–32

Epidemiology of rotavirus gastroenteritis in infants from the area of Bochum as revealed by electrophoresis of genome RNA. Houly C, et al. **Eur J Pediatr** 1984 Dec;143(2):128–32

Methods and future prospects for forensic identification of hairs by electrophoresis. Marshall RC, et al. **J Forensic Sci Soc** 1985 Jan–Feb;25(1):57–66

Analysis of nephritogenic antigens in human glomerular basement membrane by two-dimensional gel electrophoresis. Yoshioka K, et al. **J Immunol** 1985 Jun;134(6):3831–7

A mild procedure for separating polypeptide chains prior to immunoprecipitation and western blotting analysis. Cohen BB, et al. **J Immunol Methods** 1984 Dec 14;75(1):99–105

Rotavirus electrophoretypes in infantile gastro-enteritis. An epidemiological study. Lourenco MH, et al. **Pathol Biol (Paris)** 1985 Feb;33(2):93–7

[Polyacrylamide gel electrophoresis in the presence of lithium dodecyl sulfate. Problems and advantages] Kubo K, et al. **Seikagaku** 1985 Feb;57(2):117–20 (13 ref.) **(Jpn)**

[Staining of glycoproteins on polyacrylamide gels: a note on Con A-peroxidase method] Ochiai H. **Seikagaku** 1984 Jun;56(6):406–8 **(Jpn)**

[Comparative study of hormonal preparations by isoelectric focusing and polyacrylamide gel electrophoresis] Babich PA, et al. **Farmakol Toksikol** 1985 Jan–Feb;48(1):49–51 (Eng. Abstr.) **(Rus)**

[Qualitative and quantitative distribution of proteins in normal human cerebrospinal fluid based on polyacrylamide gel disc electrophoresis data] Alekseeva LA, et al. **Lab Delo** 1985;(4):204–7 (Eng. Abstr.) **(Rus)**

[Sensitivity and specificity of rotaphoresis in the diagnosis of diarrhea caused by rotavirus] Vega-Franco L, et al. **Bol Med Hosp Infant Mex** 1984 Dec;41(12):656–60 (Eng. Abstr.) **(Spa)**

INSTRUMENTATION

Computer analysis of double-labeled two-dimensional electrophoresis gels. Bishop CW, et al. **Anal Biochem** 1985 Jul;148(1):133–48

Apparatus and method for preparative gel electrophoresis. Hediger MA. **Anal Biochem** 1984 Nov 1;142(2):445–54

Double-beam flying spot scanner for two-dimensional polyacrylamide gel electrophoresis. Spragg SP, et al. **Anal Biochem** 1985 May 15;147(1):120–7

Electroblotting of multiple gels: a simple apparatus without buffer tank for rapid transfer of proteins from polyacrylamide to nitrocellulose. Kyhse-Andersen J. **J Biochem Biophys Methods** 1984 Dec;10(3–4):203–9

A cryptogram for recording rotavirus strains: the Rotacode. Moosai RB, et al. **J Hyg (Lond)** 1984 Oct;93(2):237–49

[Highly-efficient apparatus for two-dimensional gel electrophoresis] Shishkin SS, et al. **Vopr Med Khim** 1984;30(6):126–31 (Eng. Abstr.) **(Rus)**

METHODS

Electrophoresis in the presence of Coomassie brilliant blue R-250 stains polyacrylamide gels during protein fractionation. Borejdo J, et al. **Anal Biochem** 1984 Jul;140(1):84–6

Addition of proteins to the cylindrical gel embedding medium for transverse molecular-weight markers in two-dimensional gel electrophoresis. Hughes DW, et al. **Anal Biochem** 1984 Aug 1;140(2):320–5

Use of cationic detergents for polyacrylamide gel electrophoresis in multiphasic buffer systems. Mócz G, et al. **Anal Biochem** 1984 Dec;143(2):283–92

Preparative elution of proteins from nitrocellulose membranes after separation by sodium dodecyl sulfate-polyacrylamide gel electrophoresis. Parekh BS, et al. **Anal Biochem** 1985 Jul;148(1):87–92

Fluorescent properties of histone-1-anilinonaphthalene 8-sulfonate complexes in the presence of denaturant agents: application to the rapid staining of histones in urea and Triton-urea-polyacrylamide gels. Piña B, et al. **Anal Biochem** 1985 May 1;146(2):431–3

Application of SDS gradient polyacrylamide slab gel electrophoresis to analysis of apolipoprotein mass and radioactivity of rat lipoproteins. Irwin D, et al. **Atherosclerosis** 1984 Nov;53(2):163–72

Towards an automated two-dimensional gel analysis system. McFerran NV, et al. **Biochem Soc Trans** 1984 Dec;12(6):1000–5

Evaluation of the human sperm proacrosin-acrosin system using gelatin-sodium dodecyl sulfate-polyacrylamide gel electrophesis. Siegel MS, et al. **Biol Reprod** 1985 Apr;32(3):713–20

Improved record keeping and photography of silver-stained two-dimensional electrophoretograms by way of 'XRD images'. Harrison HH. **Clin Chem** 1984 Dec;30(12 Pt 1):1981–4

Optimization of polyacrylamide gel electrophoresis conditions used for sequencing mixed oligodeoxyribonucleotides. Landick R, et al. **DNA** 1984 Oct;3(5):413–9

A versatile technique for drying polyacrylamide slab gels. Cheng ML, et al. **J Biochem Biophys Methods** 1985 Aug;11(2–3):137–43

Separation of gliadin at pH 3.1 in a polyacrylamide gel suitable for blotting procedures. Friis SU, et al. **J Biochem Biophys Methods** 1985 Mar;10(5–6):301–6

pH, urea and substrate gradients for the optimization of ultrathin polyacrylamide gel zymograms. Görg A, et al. **J Biochem Biophys Methods** 1985 Mar;10(5–6):341–50

Protein hormones: detection and extraction of functional forms from alkaline polyacrylamide gels. Haro LS, et al. **J Biochem Biophys Methods** 1984 Dec;10(3–4):173–9

Discontinuous polyacrylamide gel electrophoresis for typing haptoglobin in bloodstains. Budowle B, et al. **J Forensic Sci** 1985 Jul;30(3):893–7

Xenopus MHC class II molecules. II. Polymorphism as determined by two-dimensional gel electrophoresis. Kaufman JF, et al. **J Immunol** 1985 May;134(5):3258–64

Split gel technique of polyacrylamide gel disc electrophoresis for comparing two biological fluids. Yemul VL, et al. **J Postgrad Med** 1984 Jul;30(3):171–3

Isolation of major proteins from boar sperm plasma membranes by preparative gel electrophoresis and localization of a major polypeptide using specific monoclonal antibodies. Hunt WP, et al. **Prep Biochem** 1985;15(1–2):9–33

Gel electrophoretic procedures potentially applicable to the isolation of human growth hormone from a transformed bacterial source at the gram-preparative scale. Kapadia G, et al. **Prep Biochem** 1985;15(1–2):61–94

Technical notes on acrylamide gel electrophoresis used for comparing isozymes of mosquito larvae. Tsukamoto M. **Sangyo Ika Daigaku Zasshi** 1984 Jun 1;6(2):193–204

[Separation of proteins in non-concentrated cerebrospinal fluid using polyacrylamide gel electrophoresis] Hrazdira CL, et al. **Cesk Neurol Neurochir** 1984 Sep;47(5):312–7 (Eng. Abstr.) **(Cze)**

[Methodologic studies of SDS electrophoresis of urinary proteins] Peisker K. **Z Med Lab Diagn** 1984;25(7):372–7 (Eng. Abstr.) **(Ger)**

[Detection of enzyme-bound immunoglobulins by affinity electrophoresis] Yamamoto K. **Rinsho Byori** 1984 Nov;Spec No 60:34–43 **(Jpn)**

[Use of the BIAN-170 densitometer for analyzing lipoprotein electrophoregrams in polyacrylamide gel flat layers] Khliustov VN, et al. **Lab Delo** 1984;(9):573–4 **(Rus)**

ELECTROPHORUS

ANATOMY & HISTOLOGY

A structural and dynamic molecular model for the sodium channel of Electrophorus electricus. Kosower EM. **FEBS Lett** 1985 Mar 25;182(2):234–42

METABOLISM

Characterization of the association of Electrophorus electricus acetylcholinesterase with sphingomyelin liposomes. Relevance to collagen-sphingomyelin interactions. Cohen R, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):94–104

Multisubunit structure and amino-terminal sequences of piscine muscle acetylcholine receptor. Conti-Tronconi BM, et al. **J Recept Res** 1984;4(7):801–16

Acetylcholine-receptor-mediated ion fluxes in Electrophorus electricus and Torpedo california membrane vesicles. Cash DJ, et al. **Rev Physiol Biochem Pharmacol** 1985;102:73–117 (97 ref.)

[Recycling of synaptic vesicles in the nerve terminal] Tashiro T. **Tanpakushitsu Kakusan Koso** 1984 Nov;29(12 Suppl):1046–55 (69 ref.) **(Jpn)**

PHYSIOLOGY

Dynamic properties of the acetylcholine receptor. Hess GP. **Prog Clin Biol Res** 1984;164:265–77

ELECTROPHYSIOLOGY

Acute electrophysiologic effects of bethanidine sulfate in patients with ventricular tachycardia or fibrillation. DiMarco JP, et al. **Am Heart J** 1984 Nov;108(5):1244–9

The electrophysiologic effects of upright posture. Hermiller JB, et al. **Am Heart J** 1984 Nov;108(5):1250–4

Drug-electrophysiology studies in infants, children, and adolescents. Kugler JD, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):144–54

Entrainment of ventricular tachycardia by atrial depolarizations. Almendral JM, et al. **Am J Cardiol** 1985 Aug 1;56(4):298–304

Late potentials in normal subjects and in patients with ventricular tachycardia unrelated to myocardial infarction. Coto H, et al. **Am J Cardiol** 1985 Feb 1;55(4):384–90

Signal-averaged electrocardiographic late potentials in patients with ventricular fibrillation or ventricular tachycardia: correlation with clinical arrhythmia and electrophysiologic study. Freedman RA, et al. **Am J Cardiol** 1985 May 1;55(11):1350–3

Site of conduction delay and electrophysiologic significance of first-degree atrioventricular block in children with heart disease. Sherron P, et al. **Am J Cardiol** 1985 May 1;55(11):1323–7

Results of late programmed electrical stimulation and long-term electrophysiologic effects of amiodarone therapy in patients with refractory ventricular tachycardia. Veltri EP, et al. **Am J Cardiol** 1985 Feb 1;55(4):375–9

Electrical behavior of the heart after high-potassium cardioplegia [letter] Preusse CJ. **Ann Thorac Surg** 1985 Feb;39(2):197–8

Neural pacemakers and rhythmicity. Connor JA. **Annu Rev Physiol** 1985;47:17–28 (111 ref.)

Contingent negative variation and schizophrenia: a long-term follow-up study. Rizzo PA, et al. **Biol Psychiatry** 1984 Dec;19(12):1719–24

Contingent negative variation: components and scalp distribution in psychiatric patients. van den Bosch RJ. **Biol Psychiatry** 1984 Jul;19(7):963–72

Hemispheric lateralization of event-related potentials in a cued reaction-time task. Rebert CS, et al. **Biol Psychol** 1984 Dec;19(3–4):189–204

Electrophysiological interactions in neuronal populations at frequencies of 100 Hz to 1 KHz. Turbes CC, et al. **Biomed Sci Instrum** 1985;21:77–84

The membrane potential along an ideal axon in a radial electric field. Hentall ID. **Brain Res** 1985 Jun 17;336(2):387–9

Effects of pericardial effusates of various conductivities on body-surface potentials in dogs. Documentation of the eccentric spheres model. Kramer DA, et al. **Circ Res** 1984 Dec;55(6):788–93

Electrophysiologic and anatomic basis for fractionated electrograms recorded from healed myocardial infarcts. Gardner PI, et al. **Circulation** 1985 Sep;72(3):596–611

Effects of unilateral stellate ganglion stimulation and ablation on electrophysiologic changes induced by acute myocardial ischemia in dogs. Janse MJ, et al. **Circulation** 1985 Sep;72(3):585–95

Frontal auditory evoked potentials and augmenting-reducing. Bruneau N, et al. **Electroencephalogr Clin Neurophysiol** 1985 Sep;62(5):364–71

Anticipatory response-relevant muscle activity, CNV amplitude and simple reaction time. Haagh SA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul;61(1):30–9

The carpal tunnel syndrome: electrophysiological aspects of 639 symptomatic extremities. Kimura I, et al. **Electromyogr Clin Neurophysiol** 1985 Mar–Apr;25(2–3):151–64

Electrophysiology for the clinician. Bigger JT Jr. **Eur Heart J** 1984 Sep;5 Suppl B:1–9 (34 ref.)

Cardiac electrophysiology of four new antiarrhythmic drugs—encainide, flecainide, lorcainide and tocainide. Camm AJ. **Eur Heart J** 1984 Sep;5 Suppl B:75–9 (41 ref.)

8-Phenyltheophylline potentiates the electrical activity evoked in hippocampal slices. Corradetti R, et al. **Eur J Pharmacol** 1984 Aug 3;103(1–2):177–80

Quantitative formulations of electrophysiological sources of potential fields in volume conductors. Plonsey R. **IEEE Trans Biomed Eng** 1984 Dec;31(12):868–72

Electrical and acoustic properties of biological materials and biomedical applications. Schwan HP. **IEEE Trans Biomed Eng** 1984 Dec;31(12):872–8 (46 ref.)

CNV and time estimation. Ladanyi M, et al. **Int J Neurosci** 1985 May;26(3–4):253–7

Proceedings of the second international conference of the International Organization of Psychophysiology. London, U.K., July 16th–19th, 1984. Abstracts. **Int J Psychophysiol** 1984 Dec;2(3):203–33

Early and late components of the contingent negative variation prior to manual and speech responses in stutterers and non-stutterers. Prescott J, et al. **Int J Psychophysiol** 1984 Nov;2(2):121–30

An electrophysiologic study of rabbit ciliary epithelium. Green K, et al. **Invest Ophthalmol Vis Sci** 1985 Mar; 26(3):371–81

Sustained symptomatic sinus node reentrant tachycardia: incidence, clinical significance, electrophysiologic observations and the effects of antiarrhythmic agents. Gomes JA, et al. **J Am Coll Cardiol** 1985 Jan;5(1):45–57

Paroxysmal fascicular tachycardia: electrophysiologic characteristics and treatment by catheter ablation. Ruffy R, et al. **J Am Coll Cardiol** 1985 Apr;5(4):1008–14

Model for the electrolytic environment and electrostatic properties of biomembranes. Amory DE, et al. **J Bioenerg Biomembr** 1985 Jun;17(3):151–74

Electro-mechanical behavior of wet bone––Part II: Wave propagation. Guzelsu N, et al. **J Biomech Eng** 1984 Aug; 106(3):262–71

Electro-mechanical behavior of wet bone––Part I: Theory. Guzelsu N, et al. **J Biomech Eng** 1984 Aug;106(3):249–61

Dye coupling in hypothalamic slices: dependence on in vivo hydration state and osmolality of incubation medium. Cobbett P, et al. **J Neurosci** 1984 Dec;4(12):3034–8

Membrane potential and response changes in mammalian cochlear hair cells during intracellular recording. Dallos P. **J Neurosci** 1985 Jun;5(6):1609–15

Response characteristics of mammalian cochlear hair cells. Dallos P. **J Neurosci** 1985 Jun;5(6):1591–608

Peptidergic neurons of Aplysia lose their response to cyclic adenosine 3':5'–monophosphate during a prolonged refractory period. Kauer JA, et al. **J Neurosci** 1985 May; 5(5):1339–45

Dopamine reduces slow outward current and calcium influx in burst-firing neuron R15 of Aplysia. Lewis DV, et al. **J Neurosci** 1984 Dec;4(12):3014–20

Perturbation of the direction of neurite growth by pulsed and focal electric fields. Patel NB, et al. **J Neurosci** 1984 Dec;4(12):2939–47

Serotonin and cyclic adenosine 3':5'–monophosphate modulate the potassium current in tail sensory neurons in the pleural ganglion of Aplysia. Pollock JD, et al. **J Neurosci** 1985 Jul;5(7):1862–71

Effect of intrafusal muscle mechanics on mammalian muscle spindle sensitivity. Poppele RE, et al. **J Neurosci** 1985 Jul; 5(7):1881–5

Uncrossed and crossed inhibition in the inferior colliculus of the cat: a combined 2–deoxyglucose and electrophysiological study. Webster WR, et al. **J Neurosci** 1985 Jul;5(7):1820–32

Insulin promotes electrical coupling between cultured sympathetic neurons. Wolinsky EJ, et al. **J Neurosci** 1985 Jul;5(7):1675–9

Time-dependent interfacial charging effects of electrical fields applied to biological systems. Ferrier J. **J Theor Biol** 1985 Jul 7;115(1):129–36

The influence of sleep deprivation on the contingent negative variation. Ohga T, et al. **Nagoya J Med Sci** 1985 Mar; 47(3–4):91–100

Neurophysiology in multiple sclerosis. Eisen A. **Neurol Clin** 1983 Aug;1(3):615–29

Effects of distraction on the contingent negative variation in presenile dementia and normal subjects. Rizzo PA, et al. **Neuropsychobiology** 1984;12(2–3):112–4

NASPE Ad Hoc Committee on Guidelines for Cardiac Electrophysiological Studies.North American Society of Pacing and Electrophysiology. Akhtar M, et al. **PACE** 1985 Jul;8(4):611–8

Effects of UCS probability on the contingent negative variation and electrodermal response during long ISI conditioning. Backs RW, et al. **Psychophysiology** 1985 May; 22(3):268–75

Effects of disturbed sleep on contingent negative variation. Yamamoto T, et al. **Sleep** 1984;7(4):331–8

[Contingent negative variation and endogenous components of the evoked potential] Timsit-Berthier M. **Rev Electroencephalogr Neurophysiol Clin** 1984 Nov; 14(2):77–96 (Eng. Abstr.) **(Fre)**

[Objective gustometry with adequate stimulation by registration of contingent negative variation] Gerull G, et al. **EEG EMG** 1984 Sep;15(3):121–6 (Eng. Abstr.) **(Ger)**

[Clarification of the concepts vigilance and activation in pharmacopsychology and electrophysiology] Ott H. **EEG EMG** 1984 Dec;15(4):190–7 (Eng. Abstr.) **(Ger)**

[Costs, benefits and hazards of electrophysiologic studies in sinoatrial and atrioventricular block] Gronda M, et al. **G Ital Cardiol** 1984 Oct;14(10):752–6 (Eng. Abstr.) **(Ita)**

DRUG EFFECTS

Personality traits influence the effects of diazepam and caffeine on CNV magnitude. Münte TF, et al. **Neuropsychobiology** 1984;12(1):60–7

[Changes in slow cerebral potentials (CNV) subsequent to midazolam administration. Double-blind study] Fattaposta F, et al. **Riv Neurol** 1984 Sep–Oct;54(5):289–98 (Eng. Abstr.) **(Ita)**

HISTORY

Bioelectric potentials––their source, recording, and significance. Offner FF. **IEEE Trans Biomed Eng** 1984 Dec; 31(12):863–8

Etienne Marey and the electric torpedo fish. Fleckenstein K. **Med Instrum** 1984 Sep–Oct;18(5):288–9

INSTRUMENTATION

Amplitude discriminator for biological impulses. Klimaszewski A, et al. **Acta Neurobiol Exp (Warsz)** 1984; 44(3):147–9

Raster display using an electronic circuit (stepper), technical note. Zapata-Ferrer AR, et al. **Bol Estud Med Biol** 1983 Jul–Oct;32(7–8):427–32 **(Eng, Spa)**

On–line data acquisition system using an Apple computer: ISI and PST histograms. Cohen MS, et al. **Brain Res Bull** 1984 Jul;13(1):205–23

Personnel and equipment required for electrophysiologic testing. Report of the Committee on Electrocardiography and Cardian Electrophysiology, Council on Clinical Cardiology, the American Heart Association. Gettes LS, et al. **Circulation** 1984 Jun;69(6):1219A–1221A

Recommendations for standards of instrumentation and practive in the use of ambulatory electrocardiography. The Task Force of the Committee on Electrocardiography and Cardiac Electrophysiology of the Council on Clinical Cardiology. Sheffield LT, et al. **Circulation** 1985 Mar; 71(3):626A–636A

Reducing motion artifacts and interference in biopotential recording. Webster JG. **IEEE Trans Biomed Eng** 1984 Dec; 31(12):823–6 (20 ref.)

Theory and operation of a single microelectrode voltage clamp. Finkel AS, et al. **J Neurosci Methods** 1984 Jun; 11(2):101–27

A simple electronic unit allowing extracellular recording and stimulation through the same wire hook or suction electrode. Hatzopoulos A, et al. **J Neurosci Methods** 1984 Aug;11(3):169–72

Digital zero is not zero [letter] Raynauld JP. **J Neurosci Methods** 1984 Nov;12(1):91

An electronic device for accurate quantification of neuronal mass activity based on a digital integration method. Schmid K, et al. **J Neurosci Methods** 1984 Aug;11(3):159–67

Instruments for sorting neuroelectric data: a review. Schmidt EM. **J Neurosci Methods** 1984 Nov;12(1):1–24 (81 ref.)

A simple method for the construction of electrode arrays. Verloop AJ, et al. **J Neurosci Methods** 1984 Aug; 11(3):173–8

A baseline stabilizer for electrophysiology. Weinberg RJ, et al. **J Neurosci Methods** 1985 Jul;14(2):117–20

A technique for microiontophoretic study of single neurons in the freely moving rat. West MO, et al. **J Neurosci Methods** 1984 Aug;11(3):179–86

Steady growth cone currents revealed by a novel circularly vibrating probe: a possible mechanism underlying neurite growth. Freeman JA, et al. **J Neurosci Res** 1985; 13(1–2):257–83

A versatile computer–controlled biological stimulus sequencer. Boyechko G, et al. **J Pharmacol Methods** 1984 Aug;12(1):45–52

An optimal real–time digital processor for the electric activity of muscle. Murray WR, et al. **Med Instrum** 1985 Mar–Apr; 19(2):77–82

Neutral carrier sodium ion–selective microelectrode for extracellular studies. Ammann D, et al. **Neurosci Lett** 1985 Jun 24;57(3):267–71

Long–term recording of extracellular unitary spikes of the basal ganglia neurons in moving cats. Yoshida M, et al. **Neurosci Res** 1984 Aug;1(4):270–4

Low cost storing of two electrical biosignals from DC to 20 kHz at more than 80 dB dynamic range. Gödde J. **Pflugers Arch** 1985 Mar;403(3):324–7

Cybex II isokinetic dynamometer for the documentation of spasticity. Suggestion from the field. Bohannon RW, et al. **Phys Ther** 1985 Jan;65(1):46–7

A removable head–mounted microdrive for unit recording in the free–behaving rat. Pager J. **Physiol Behav** 1984 Nov; 33(5):843–8

Single channel currents in adrenocortical cells. López-Barneo J, et al. **Rev Esp Fisiol** 1984 Sep;40(3):271–7

[Voltage clamp in stimulatable membranes] Cai TD. **Sheng Li Ko Hsueh Chin Chan** 1985 Apr;16(2):146–9 (15 ref.) **(Chi)**

[Electronic device for the automatic zero–reading of (short–circuit) potentials in large–surface nonexcitable biological membranes] Ponec J, et al. **Cesk Fysiol** 1984; 33(5):455–7 **(Cze)**

[Instrumentation of the patch clamp technic for measuring individual ion channel currents in biological membranes] Ujec E, et al. **Cesk Fysiol** 1985;34(1):35–44 **(Cze)**

[Surfing amplitude window discriminator] Schmid K, et al. **Biomed Tech (Berlin)** 1985 Feb;30(1–2):7–11 (Eng. Abstr.) **(Ger)**

[Measuring system for electrophysiologic signals using a personal computer] Varchmin U, et al. **Biomed Tech (Berlin)** 1985 Mar;30(3):38–43 (Eng. Abstr.) **(Ger)**

[Effect of recording system variables on auditory evoked potentials] Marullo T, et al. **Acta Otorhinolaryngol Ital** 1984;4 Suppl 3:67–74 **(Ita)**

[Equipment and methods for recording brain stem auditory evoked potentials] Morra B. **Acta Otorhinolaryngol Ital** 1984;4 Suppl 3:39–49 **(Ita)**

[A device for discrete information input into the Elektronika DZ–28 microcomputer] Miasnikov AA. **Biol Nauki** 1985; (6):108–11 (Eng. Abstr.) **(Rus)**

[Biopotential amplifier with nonlinear volt–ampere characteristics for recording low–amplitude pulses] Golubtsov KV, et al. **Biull Eksp Biol Med** 1985 Jul; 100(7):11–2 (Eng. Abstr.) **(Rus)**

[Apparatus for measuring the electrical resistance of human skin] Kolotilov NN, et al. **Fiziol Zh** 1985 May–Jun; 31(3):366–8 **(Rus)**

[Attachment to the IM–789 indicator for photographic recording] Preobrazhenskiĭ NN, et al. **Fiziol Zh** 1985 Mar–Apr;31(2):247–9 **(Rus)**

[The polyelectroneurograph––a modular amplifying system for the complex study of the bioelectrical activity of the brain] Dan'ko SG, et al. **Fiziol Zh SSSR** 1984 Jul; 70(7):1061–5 **(Rus)**

[A portable integrator of bioelectrical signals] Divert VE. **Fiziol Zh SSSR** 1984 Dec;70(12):1694–6 **(Rus)**

[A television monitoring control system for electrophysiological research] Kratin IuG, et al. **Fiziol Zh SSSR** 1985 Mar;71(3):381–3 **(Rus)**

[Suction electrode for conducting morphophysiologic studies on fine and short nerve trunks in vitro] Shuliakov OV. **Fiziol Zh SSSR** 1985 Jun;71(6):804–6 **(Rus)**

[Simple device for compensating for the stimulus artifact during stimulation and recording through a single microelectrode] Verbnyĭ IaI, et al. **Fiziol Zh SSSR** 1984 Nov;70(11):1571–3 **(Rus)**

[Unit complex for electrophysiological research and computer information input] Makhan'kov VE, et al. **Med Tekh** 1984 Jul–Aug;(4):8–12 (Eng. Abstr.) **(Rus)**

METHODS

Recording of sinus node electrogram: its technique, electrophysiological and clinical importance. Solti F, et al. **Acta Physiol Hung** 1985;66(1):51–9

Continuous electrical activity during sustained monomorphic ventricular tachycardia. Observations on its dynamic behavior during the arrhythmia. Brugada P, et al. **Am J Cardiol** 1985 Feb 1;55(4):402–11

Real–time optical mapping of neuronal activity: from single growth cones to the intact mammalian brain. Grinvald A. **Annu Rev Neurosci** 1985;8:263–305 (96 ref.)

A rapid histological technique for localizing recording sites in single unit electrophysiological studies in vitro. Trulson ME, et al. **Brain Res Bull** 1984 Nov;13(5):685–7

Noninvasive recording of His bundle electrograms using vectorial leads system. Nojima K, et al. **Clin Cardiol** 1985 Jan;8(1):11–8

Methods of complex impedance measurements in biologic tissue. Ackmann JJ, et al. **Crit Rev Biomed Eng** 1984; 11(4):281–311 (76 ref.)

Analysis of biomedical signals by means of linear modeling. Jansen BH. **Crit Rev Biomed Eng** 1985;12(4):343–92 (149 ref.)

Glucagon–evoked gastric dysrhythmias in humans shown by an improved electrogastrographic technique. Abell TL, et al. **Gastroenterology** 1985 Jun;88(6):1932–40

A technique for chronic extracellular recording of neuronal activity in the dorsal horn of the lumbar spinal cord in drug–free, physiologically intact, cats. Collins JG. **J Neurosci Methods** 1985 Feb;12(4):277–87

A new method of monitoring membrane potential in rat hippocampal slices using cyanine voltage–sensitive dyes. Dasheiff RM. **J Neurosci Methods** 1985 May; 13(3–4):199–212

Software for electrophysiological experiments with a personal computer. Kegel DR, et al. **J Neurosci Methods** 1985 Feb;12(4):317–30

Software that detects and analyzes bioelectrical events by assessing the fit of modeled subintervals. Langdon RB. **J Neurosci Methods** 1985 Feb;12(4):331–41

A technique for microiontophoretic study of single neurones in the behaving monkey. Perrett DI, et al. **J Neurosci Methods** 1985 Feb;12(4):289–95

Computer separation of multi–unit neuroelectric data: a review. Schmidt EM. **J Neurosci Methods** 1984 Dec; 12(2):95–111 (66 ref.)

Simultaneous monitoring of voltammetric and ion–selective electrodes in mammalian brain. Nagy G, et al. **Neurosci Lett** 1985 Apr 9;55(2):119–24

Appropriate diagnostic studies for arrhythmia surgery. Marchlinski FE, et al. **PACE** 1984 Sep;7(5):902–16 (82 ref.)

An improved loose patch voltage clamp method using concentric pipettes. Roberts WM, et al. **Pflugers Arch** 1984 Oct;402(2):190–6

Changes in cell volume measured with an electrophysiologic technique. Reuss L. **Proc Natl Acad Sci USA** 1985 Sep; 82(17):6014–8

[Computer science and visual electrophysiology] Grall Y. **Bull Soc Ophtalmol Fr** 1984 Nov;Spec No:83–90 **(Fre)**

[Membrane potential fixation using an oscillograph]

Golubtsov KV, et al. **Fiziol Zh SSSR** 1985 Jun;71(6):796–7 (Rus)

[Method of increasing the the localness of measurements of the specific resistance of brain tissue] Riabov SI. **Fiziol Zh SSSR** 1984 Nov;70(11):1574–7 (Rus)

STANDARDS

Measurement error in visually scored electrophysiological data: respiration during sleep. Bliwise D, et al. **J Neurosci Methods** 1984 Nov;12(1):49–56

ELECTROPLATING see under **ELECTROLYSIS**

ELECTRORETINOGRAPHY

Physiologic correlates of the ERG hyperventilatory response in dogs. Murray MJ, et al. **Acta Ophthalmol (Copenh)** 1984 Oct;62(5):808–18

Flicker electroretinograms and visual evoked potentials in the evaluation of laser flash effects. Schmeisser ET. **Am J Optom Physiol Opt** 1985 Jan;62(1):35–9

Oscillatory potentials [letter] Lachapelle P. **Arch Ophthalmol** 1985 Apr;103(4):480

Macular electroretinograms: their accuracy, specificity and implementation for clinical use. Vaegan, et al. **Aust J Ophthalmol** 1984 Nov;12(4):359–72

Evaluation of the central dopaminergic activity in gestational hyperprolactinaemia by means of the electroretinographic technique. De Luca Brunori I, et al. **Clin Exp Obstet Gynecol** 1985;12(1–2):13–5

Electrophysiological findings after radiotherapy of choroidal melanoma. Foerster MH. **Dev Ophthalmol** 1984;9:228–34

A history of human electroretinography. Henkes HE. **Dev Ophthalmol** 1984;9:11–9

Effects of alpha-aminoadipic acid on the glutamate-isolated P III of the rabbit electroretinogram. Reichenbach A, et al. **Doc Ophthalmol** 1985 Jun 30;59(4):359–64

The influence of age on the electroretinogram and visual evoked potential. Wright CE, et al. **Doc Ophthalmol** 1985 Jun 30;59(4):365–84

Identification of minimal expression of myotonic dystrophy using electroretinography. Creel DJ, et al. **Electroencephalogr Clin Neurophysiol** 1985 Oct; 61(4):229–35

Electrophysiological testing in diabetic eye disease. Biersdorf WR. **Int Ophthalmol Clin** 1984 Winter;24(4):143–54

Light exposure can reduce selectively or abolish the C-wave of the albino rat electroretinogram. Graves AL, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):388–93

Spatial contrast transfer functions of the pattern-evoked electroretinogram. Korth M, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):303–8

Destruction of the indoleamine-accumulating amacrine cells alters the ERG of rabbits. Nakatsuka K, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1109–16

Application of a bioelectric field model of the ERG to the effect of vitreous haemorrhage. Doslak MJ, et al. **Med Biol Eng Comput** 1984 Nov;22(6):552–7

Simultaneous recording of pattern electroretinogram and visual evoked responses in neuro-ophthalmologic disorders. Kaufman D, et al. **Neurology** 1985 May; 35(5):644–51

Empirical detection of congenital dyschromatopsia by electroretinography. Kawasaki K, et al. **Ophthalmic Res** 1984;16(6):329–33

Oscillatory potentials of the electroretinogram in patients with unilateral optic atrophy. Wachtmeister L, et al. **Ophthalmologica** 1985;191(1):39–50

Electroretinographic changes after vitrectomy and intraocular tamponade. Frumar KD, et al. **Retina** 1985 Winter-Spring;5(1):16–21

Origin of the electroretinogram in the intact macaque eye--II. Current source-density analysis. Heynen H, et al. **Vision Res** 1985;25(5):709–15

Origin of the electroretinogram in the intact macaque eye--I. Principal component analysis. Heynen H, et al. **Vision Res** 1985;25(5):697–707

[The electroretinographic score. Significance and application, especially for preoperative prognosis (media problems in particular] Coulon JJ. **Bull Mem Soc Fr Ophtalmol** 1985; 96:314–9 (Fre)

[The electroretinogram and alcoholism] Mirgain C, et al. **Bull Soc Ophtalmol Fr** 1983 Dec;83(12):1425–6, 1431–5 (Eng. Abstr.) (Fre)

[Pharmacologic sensitivity of the photopic c wave in the electroretinogram of the chicken. II. Effects of sodium iodate and general anesthesia] Wioland N, et al. **C R Acad Sci [III]** 1984;299(19):799–804 (Eng. Abstr.) (Fre)

[Clinical electroretinography in veterinary medicine. 2. Progressive retinal atrophy and hemeralopia] Reichenbach A, et al. **Arch Exp Veterinarmed** 1985 Mar;39(2):243–52 (Eng. Abstr.) (Ger)

[Prognostic value of ERG, ultrasound and VEP in vitreous body hemorrhage] Bach M, et al. **Fortschr Ophthalmol** 1984;81(3):274–6 (Eng. Abstr.) (Ger)

[Electroretinographic findings in perforating injuries by intraocular foreign bodies] Garve U. **Fortschr Ophthalmol** 1984;81(5):416–7 (Eng. Abstr.) (Ger)

[ERG in embolism of the central retinal artery] Hennekes R, et al. **Fortschr Ophthalmol** 1985;82(3):302 (Eng. Abstr.) (Ger)

[Electrophysiologic verification of amaurosis fugax] Hennekes R, et al. **Fortschr Ophthalmol** 1985;82(3):298–9 (Eng. Abstr.) (Ger)

[Dosing of retinal coagulation in diabetic retinopathy? Oscillatory retinal potentials as an indicator of stabilized retinal function] Hennekes R, et al. **Fortschr Ophthalmol** 1984;81(3):271–3 (Eng. Abstr.) (Ger)

[Electrophysiologic studies of patients with diabetic retinopathy] Li XX, et al. **Fortschr Ophthalmol** 1985; 82(3):293–7 (Eng. Abstr.) (Ger)

[Pattern ERG and pattern visually evoked cortical potentials in autosomal dominant infantile optic atrophy] Papst N, et al. **Fortschr Ophthalmol** 1985;82(3):300–1 (Eng. Abstr.) (Ger)

[Early operative recuperation phase of the retina following vitreous surgical interventions--an animal experiment model] Tavakolian U, et al. **Fortschr Ophthalmol** 1984; 81(3):301–3 (Eng. Abstr.) (Ger)

[Pattern ERG and VECP following optic neuritis in childhood] Berdjis H, et al. **Klin Monatsbl Augenheilkd** 1984 Jun;184(6):533–5 (Eng. Abstr.) (Ger)

[Differential light perception threshold of the visual field and ERG following operatively attached retinal detachment] Brandt F, et al. **Klin Monatsbl Augenheilkd** 1985 May; 186(5):355–7 (Eng. Abstr.) (Ger)

[Interpretation of electroretinographic findings in posterior uveitis] Müller W, et al. **Klin Monatsbl Augenheilkd** 1985 Feb;186(2):79–81 (Eng. Abstr.) (Ger)

[Retinal ERG activity after kidney transplantation and during regular hemodialysis] Svěrák J, et al. **Sb Ved Pr Lek Fak Univ Karlovy** 1983;26(5):579–95 (Eng. Abstr.) (Ger)

[Effects of sodium iodate, iodoacetic acid and ethambutol on electroretinogram and visual evoked potential in rats] Sato S, et al. **J Toxicol Sci** 1984 Nov;9(4):389–99 (Eng. Abstr.) (Jpn)

[A electrophysiological method for evaluation of the retinal toxicity of drug] Chou A, et al. **Nippon Ganka Gakkai Zasshi** 1984 Nov;88(11):1350–6 (Eng. Abstr.) (Jpn)

[Objective examination of genetic carrier of congenital red-green color blindness by electroretinography] Nakazato H, et al. **Nippon Ganka Gakkai Zasshi** 1985 Apr; 89(4):548–55 (Eng. Abstr.) (Jpn)

[Fluorescein ERG and vitreous fluorophotometry] Tamai M, et al. **Nippon Ganka Gakkai Zasshi** 1984 Aug;88(8):1124–7 (Eng. Abstr.) (Jpn)

[An electrophysiological method for detecting diabetic retinopathy in rats] Sato S, et al. **Nippon Yakurigaku Zasshi** 1984 Dec;84(6):509–17 (Eng. Abstr.) (Jpn)

[Electrical phenomena of the retina and their clinical application] Kawasaki K. **Rinsho Byori** 1985 Feb;Spec No 61:195–203 (Jpn)

[Slow P III component of the electroretinogram resulting from the interaction of photoreceptors and cells of Müller in the retina] Dmitriev AV, et al. **Fiziol Zh SSSR** 1985 Apr;71(4):446–52 (Eng. Abstr.) (Rus)

INSTRUMENTATION

New disposable electroretinographic electrode made of anomalous polyvinyl alcohol gel. Honda Y, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):492–3

Computer-assisted spectral electroretinography in vitrectomy patients. Gouras P, et al. **Ophthalmology** 1985 Jan;92(1):83–90

METHODS

A clinician's guide to electrophysiology of the retina. Stark DJ. **Aust J Ophthalmol** 1984 May;12(2):171–9

Pattern and Ganzfeld electroretinograms in macular disease. Arden GB, et al. **Br J Ophthalmol** 1984 Dec;68(12):878–84

Electroretinogram and ocular toxicity. Hellner KA, et al. **Dev Ophthalmol** 1984;9:213–8

Application of electrodiagnostic methods in ophthalmology. Kolder HE. **Dev Ophthalmol** 1984;9:29–39

Unusual electroretinograms. Niemeyer G. **Dev Ophthalmol** 1984;9:40–5

Interactions between PI and slow PIII in the generation of the electroretinogram c-wave. Nilsson SE. **Dev Ophthalmol** 1984;9:53–8

Slow retinal potentials in diseases of the retinal pigment epithelium. Röver J, et al. **Dev Ophthalmol** 1984;9:195–203

Electrophysiological results in several types of macular dystrophy. Stadler G. **Dev Ophthalmol** 1984;9:204–12

Frequency distribution of b-wave amplitudes in the human electroretinogram. Stodtmeister R, et al. **Dev Ophthalmol** 1984;9:68–73

Early receptor potential in rod and in cone dominated eyes. Tanabe J, et al. **Dev Ophthalmol** 1984;9:59–67

Physiological basis and clinical application of pattern electroretinogram. Teping C, et al. **Dev Ophthalmol** 1984; 9:74–80

Pattern electroretinogram and glaucoma. van Lith G, et al. **Dev Ophthalmol** 1984;9:133–9

Electrophysiologic testing and its specific application in unsedated children. France TD. **Trans Am Ophthalmol Soc** 1984;82:383–446 (82 ref.)

Pattern electroretinogram: use of noncorneal skin electrodes. Leguire LE, et al. **Vision Res** 1985;25(6):867–70

[Advances in the study of the pattern electroretinogram] Yang XL, et al. **Sheng Li Ko Hsueh Chin Chan** 1985 Apr; 16(2):142–5 (38 ref.) (Chi)

[ERG recorded by palpebral electrodes] Duclaux R, et al. **Bull Soc Ophtalmol Fr** 1984 Feb;84(2):171–4 (Fre)

[Electroretinography] Grall Y, et al. **Bull Soc Ophtalmol Fr** 1984 Nov;Spec No:91–7 (Fre)

[Clinical retinography in veterinary medicine. 1. Methodological principles and normal values] Baar U, et al. **Arch Exp Veterinarmed** 1985 Mar;39(2):234–42 (Eng. Abstr.) (Ger)

[Frequency distribution of parameters of the human electroretinogram] Stodtmeister R, et al. **Fortschr Ophthalmol** 1984;81(3):277–9 (Eng. Abstr.) (Ger)

[ERG and VECP in chronic progressive external ophthalmoplegia] Berdjis H, et al. **Klin Monatsbl Augenheilkd** 1984 Aug;185(2):113–8 (Eng. Abstr.) (Ger)

[Pattern and light electroretinograms in branch occlusions of the central retinal artery] Vomberg HE, et al. **Klin Monatsbl Augenheilkd** 1984 Jun;184(6):560–2 (Eng. Abstr.) (Ger)

[Chromatic ERG for assessing retinal function in traumatic hemorrhages into the vitreous body] Lautkina LIa, et al. **Vestn Oftalmol** 1984 Sep-Oct;(5):57–60 (Eng. Abstr.) (Rus)

ELECTROSHOCK

Regulation of serotonin neurotransmission by antidepressant drugs and electroconvulsive shock: the fall and rise of serotonin receptors. Kellar KJ, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:138–45

Electrophysiologic and anatomic changes in the atrioventricular junction of dogs after direct-current shocks through tissue fixation catheters. Scheinman MM, et al. **Am J Cardiol** 1985 Jan 1;55(1):194–8

Effect of chronic desmethylimipramine or electroconvulsive shock on selected brain and platelet neurotransmitter recognition sites. Abel MS, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):679–83

Some anticonvulsant drugs alter monoamine-mediated behaviour in mice in ways similar to electroconvulsive shock; implications for antidepressant therapy. Green AR, et al. **Br J Pharmacol** 1985 Feb;84(2):337–46

The effect of spontaneous seizures on pentylenetetrazole and maximum electroshock induced seizures in the Mongolian gerbil. Lee RJ, et al. **Eur J Pharmacol** 1984 Oct 30; 106(1):91–6

Repeated administration of electroconvulsive shock to rats: effect on haloperidol- and morphine-induced catalepsy and its modification by carbamazepine and diazepam. Bhavsar VH, et al. **Indian J Physiol Pharmacol** 1984 Jul-Sep; 28(3):234–6

Effects of intermittent electrical shock on responses related to milk ejection. Lefcourt AM, et al. **J Dairy Sci** 1985 Feb;68(2):391–401

Corticosterone availability in male rats at rest and during shock avoidance: differences among individuals, temporal patterns and effects of dexamethasone. Wade S. **J Endocrinol** 1984 Nov;103(2):187–94

Effects of task-irrelevant cues and reinforcement delay on choice-escape learning following inescapable shock: evidence for a deficit in selective attention. Minor TR, et al. **J Exp Psychol [Anim Behav]** 1984 Oct;10(4):543–56

Role of hyperthermia in effects of electroconvulsive shock on protein synthesis in the rabbit. Nowak TS Jr. **J Neurochem** 1985 Apr;44(4):1321–5

Chronic treatment with electroconvulsive shock prevents the salbutamol-induced hypoactivity in rats. Przegaliński E, et al. **J Pharm Pharmacol** 1984 Sep;36(9):626–8

Differential effects of electroconvulsive shock on four models of experimentally-induced aggression in rats. Liou SY, et al. **Jpn J Pharmacol** 1985 Feb;37(2):167–72

A role for histamine and histamine H2-receptors in non-opiate footshock-induced analgesia. Hough LB, et al. **Life Sci** 1985 Mar 4;36(9):859–66

Age related increased threshold for electroshock seizure in BDF1 mice. Kitani K, et al. **Life Sci** 1985 Feb 18; 36(7):657–62

Effects of subconvulsive and repeated electroconvulsive shock on thyrotropin-releasing hormone in rat brain. Kubek MJ, et al. **Life Sci** 1985 Jan 28;36(4):315–20

Effect of electroconvulsive treatment on cerebral opioid receptors in the rat: changes in delta but not mu receptors. Antkiewicz-Michaluk L, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Nov; 328(1):87–9

Chlorimipramine, electroconvulsive shock and combination thereof: differential effects of chronic treatment on apomorphine-induced behaviours and on striatal and mesocortical dopamine turnover. Spyraki C, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr; 329(2):128–34

Decrease in levels of thyrotrophin-releasing hormone (TRH) in the n. accumbens and lumbar spinal cord following repeated electroconvulsive shock. Lighton C, et al. **Neuropharmacology** 1984 Aug;23(8):963–6

Down-regulation of beta-adrenoceptors in rat cortex by repeated administration of desipramine, electroconvulsive shock and clenbuterol requires 5-HT neurones but not

5-HT. Nimgaonkar VL, et al. **Neuropharmacology** 1985 Apr;24(4):279-83

Different changes by acute electric footshock of opioid agonist and antagonist receptors in rat brain. Kameyama T, et al. **Neurosci Lett** 1984 Aug 31;49(3):307-12

The role of central noradrenergic neurons in electroconvulsive shock-induced muricide inhibition in olfactory bulbectomized rats. Liou SY, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):65-70

The effect of repeated electroconvulsive shock on the function of THIP, a GABA agonist. Minchin MC, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):491-3

Increased sensitivity to serotonergic agonists after repeated electroconvulsive shock in rats. Wielosz M. **Pharmacol Biochem Behav** 1985 May;22(5):683-7

Footshock induced hyperthermia. Pechnick RN, et al. **Proc West Pharmacol Soc** 1984;27:519-22

Attenuation by electroshock treatment of the haloperidol-induced rise in the binding of 3H-imipramine to rat brain membranes. Barkai AI, et al. **Psychopharmacology (Berlin)** 1985;86(4):400-3

Dopamine and serotonin metabolites in rat cerebroventricular fluid following withdrawal of haloperidol or electroshock treatment. Barkai AI, et al. **Psychopharmacology (Berlin)** 1984;84(3):352-5

The effects of low-voltage electric shock on respiration in the anaesthetized cat. Bradford A, et al. **Q J Exp Physiol** 1985 Jan;70(1):115-27

Acidaemia and hyperkalaemia following low-voltage electric shock in the anaesthetized cat. Bradford A, et al. **Q J Exp Physiol** 1985 Jan;70(1):101-13

The consequences of inescapable shocking: sensitization and motor depression. Golda V, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1982;25(5):403-17

[The anticonvulsant effect of propranolol in maximal electroshock in sub chronic applications] Lasek R. **Pharmazie** 1985 Jun;40(6):430 **(Ger)**

[Fibrinolytic activity of heart tissues and aorta of rats undergoing electroshock] Liutova LV, et al. **Biol Nauki** 1985;(6):59-62 (Eng. Abstr.) **(Rus)**

[Participation of the kidney in changes in the fibrinolytic system during electroshock] Andreenko GV, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):39-42 (Eng. Abstr.) **(Rus)**

[Differential variability of cardiac response in a classical conditioning procedure] Becerra de Penfold J, et al. **Acta Cient Venez** 1984;35(5-6):428-33 (Eng. Abstr.) **(Spa)**

INSTRUMENTATION

[Possibilities of the treatment of sex fetishists using electric minishocks] Topiař A. **Cas Lek Cesk** 1984 Dec 28;123(52):1606-7 (Eng. Abstr.) **(Cze)**

ELECTROSHOCK THERAPY see **ELECTROCONVULSIVE THERAPY**

ELECTROSLEEP see **ELECTRONARCOSIS**

ELECTROSURGERY

The effect of electro-cutting and diathermy coagulation on wound healing in gynecological surgery. Nayel SA, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):65-7

Therapeutic modalities and procedures. Part III: Kinetic procedures, surgical considerations, direct and alternating currents. Helfand AE, et al. **Clin Podiatry** 1984 Aug;1(2):323-41

Cryoanesthesia and electrosurgical treatment of benign skin tumors. Spiller WF, et al. **Cutis** 1985 Jun;35(6):551-2

Radiofrequency lesioning of the trigeminal ganglion for the treatment of trigeminal neuralgia. Browne L. **Ir Med J** 1985 Mar;78(3):68-71

Electrosurgery in hemophilia: report of case. McGrannahan W. **J Oral Med** 1982 Oct-Dec;37(4):133-5

High frequency needle dissection rhytidectomy. Kamer FM, et al. **Laryngoscope** 1985 Sep;95(9 Pt 1):1118-20

A comparison of healing and pain following excision of inflammatory papillary hyperplasia with electrosurgery and blade-loop knives in human patients. Rathofer SA, et al. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):130-5

[Dysuria following transurethral electroresections of adenomas with concomitant prostatitis] Hak-Hagir A. **Urologe [Ausg A]** 1985 Mar;24(2):122-3 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

Electrosurgery units, not temperature probes, must be corrected to prevent burns [letter] Anderson GD. **Anesthesiology** 1985 Jun;62(6):834

Current electrosurgical practice: hazards. Pearce J. **J Med Eng Technol** 1985 May-Jun;9(3):107-11

Electrical impedance properties of the body and the problem of alternate-site burns during electrosurgery. Neufeld GR, et al. **Med Instrum** 1985 Mar-Apr;19(2):83-7

INSTRUMENTATION

Surgical electrotechnology: quo vadis? Gerhard GC. **IEEE Trans Biomed Eng** 1984 Dec;31(12):787-92 (31 ref.)

Simulated and experimental studies of temperature elevation around electrosurgical dispersive electrodes. Kim Y, et al. **IEEE Trans Biomed Eng** 1984 Nov;31(11):681-92

Use of the Shaw scalpel in podiatric surgery. Marcinko DE, et al. **J Foot Surg** 1984 Nov-Dec;23(6):457-60

Insulation for the electrosurgical tip. Abubaker AO. **J Oral Maxillofac Surg** 1985 May;43(5):393

Use of the electrosurgical knife and topical thrombin for hemostasis in split-thickness skin graft vestibuloplasty. Forman D, et al. **J Oral Maxillofac Surg** 1984 Nov;42(11):751-2

Simple RF matching circuit for conversion of electrosurgical units or laboratory amplifiers to hyperthermia treatment devices. Stauffer PR. **Med Instrum** 1984 Nov-Dec;18(6):326-8

New instrument: a wet-field cordless coagulator. Drews RC. **Ophthalmic Surg** 1984 Sep;15(9):783

METHODS

Electrosurgical blepharoplasty: a technique that questions conventional concepts of fat compartmentalization. Tobin HA. **Ann Plast Surg** 1985 Jan;14(1):59-63

Use of electrosurgery in blepharoplasty. Colton JJ, et al. **Arch Otolaryngol** 1985 Jul;111(7):441-2

Percutaneous antegrade electropapillotomy. Study in dogs. Günther RW, et al. **Cardiovasc Intervent Radiol** 1984;7(6):270-6

Endobronchial electrocautery. Hooper RG, et al. **Chest** 1985 Jun;87(6):712-4

Electrosurgery via the fiberoptic bronchoscope: a useful therapeutic technique? [editorial] Wallace JM. **Chest** 1985 Jun;87(6):705-6

Vaporization of atherosclerotic plaques by spark erosion. Slager CJ, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1382-6

Biometric comparison of bur and electrosurgical retraction methods. DeVitre R, et al. **J Prosthet Dent** 1985 Feb;53(2):179-82

Electrosurgery and subgingival retraction in fixed prosthodontics. Cavallaro J. **NY State Dent J** 1985 Apr;51(4):205-6

New trial of endoscopic treatment for gastric submucosal tumors. Asaki S, et al. **Tohoku J Exp Med** 1985 Feb;145(2):149-59

[Results of the surgical treatment of prostatic adenoma at the Urological Clinic, Medical Academy, in Lodź 1973-1983] Jeromin L, et al. **Pol Tyg Lek** 1984 Jul 9;39(28):943-6 (Eng. Abstr.) **(Pol)**

STANDARDS

Recommended practices. Electrosurgery. **AORN J** 1985 Mar;41(3):633, 635, 637 passim

ELECTROTHERAPY

see related
ELECTRONARCOSIS

Transcutaneous nerve stimulation for the treatment of postoperative pain. Lagas HM, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:253-7

Transcutaneous electrical stimulation for pain relief. Loeser JD. **Acta Anaesthesiol Belg** 1984;35 Suppl:243-8

Electrical treatment of non-united fractures. Ahl T, et al. **Acta Orthop Scand** 1984 Dec;55(6):585-8

The influence of mechanical vibratory stimulation and transcutaneous electrical nerve stimulation on experimental pruritus induced by histamine. Ekblom A, et al. **Acta Physiol Scand** 1984 Nov;122(3):361-7

Treatment of peritendinitis calcarea of the shoulder by transcutaneous nerve stimulation. Kaada B. **Acupunct Electrother Res** 1984;9(2):115-25

Improvement of physical performance by transcutaneous nerve stimulation in athletes. Kaada B. **Acupunct Electrother Res** 1984;9(3):165-80

Inhibitory effect of analogous electro-acupuncture on experimental arrhythmia. Xia Y, et al. **Acupunct Electrother Res** 1985;10(1-2):13-34

A comparative study of the pain alleviating effect of vibratory stimulation, transcutaneous electrical nerve stimulation, electroacupuncture and placebo. Lundeberg T. **Am J Chin Med** 1984 Summer;12(1-4):72-9

External electrical stimulation in tinnitus control. Shulman A. **Am J Otol** 1985 Jan;6(1):110-5

The use of transcutaneous neural stimulation and isokinetic testing in arthroscopic knee surgery. Jensen JE, et al. **Am J Sports Med** 1985 Jan-Feb;13(1):27-33

The effects of electrical stimulation on the quadriceps during postoperative knee immobilization. Morrissey MC, et al. **Am J Sports Med** 1985 Jan-Feb;13(1):40-5

Conditioning of the diaphragm with phrenic nerve stimulation after prolonged disuse. Nochomovitz ML, et al. **Am Rev Respir Dis** 1984 Oct;130(4):685-8

TENS reduces halothane requirements during hand surgery. Bourke DL, et al. **Anesthesiology** 1984 Dec;61(6):769-72

Transcutaneous electrical stimulation for postoperative pain. Cuschieri RJ, et al. **Ann R Coll Surg Engl** 1985 Mar;67(2):127-9

Epidural electrical stimulation in severe limb ischemia. Pain relief, increased blood flow, and a possible limb-saving effect. Augustinsson LE, et al. **Ann Surg** 1985 Jul;202(1):104-10

The effect of transcutaneous electrical nerve stimulation on pain after thoracotomy. Warfield CA, et al. **Ann Thorac Surg** 1985 May;39(5):462-5

Spinal cord stimulation in patients with a battered root syndrome. Waisbrod H, et al. **Arch Orthop Trauma Surg** 1985;104(1):62-4

Electrical stimulation in treating spasticity resulting from spinal cord injury. Bajd T, et al. **Arch Phys Med Rehabil** 1985 Aug;66(8):515-7

Prevention and treatment of sciatic denervation disuse osteoporosis in the rat tibia with capacitively coupled electrical stimulation. Brighton CT, et al. **Bone** 1985;6(2):87-97

Intracardiac contrast echoes during transvenous His bundle ablation. Rowland E, et al. **Br Heart J** 1985 Mar;53(3):240-2

Treatment of tachycardias associated with the Wolff-Parkinson-White syndrome by transvenous electrical ablation of accessory pathways. Ward DE, et al. **Br Heart J** 1985 Jan;53(1):64-8

Electrostimulation and opiate withdrawal [letter] Patterson MA. **Br J Psychiatry** 1985 Feb;146:213

Bladder inhibition by penile electrical stimulation. Nakamura M, et al. **Br J Urol** 1984 Aug;56(4):413-5

Maximum perineal stimulation. A controlled study. Shepherd AM, et al. **Br J Urol** 1984 Dec;56(6):644-6

Electromagnetic induction of bone? Nixon J. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):490-1

The effects of transcutaneous electrical nerve stimulation in patients with severe angina pectoris. Mannheimer C, et al. **Circulation** 1985 Feb;71(2):308-16

Electrical stimulation of hard and soft tissues in animal models. Black J. **Clin Plast Surg** 1985 Apr;12(2):243-57 (174 ref.)

Therapeutic modalities and procedures. Part III: Kinetic procedures, surgical considerations, direct and alternating currents. Helfand AE, et al. **Clin Podiatry** 1984 Aug;1(2):323-41

Bioelectrical osteogenesis: acceleration of fracture repair and bone growth. An alternative to bone grafting in nonunions. Walter TH. **Clin Podiatry** 1985 Jan;2(1):41-57

Effects of electroacupuncture on the neuronal activity of the arcuate nucleus of the rat hypothalamus. Hamba M, et al. **Exp Neurol** 1985 Jan;87(1):118-28

Lower plasma levels of some gastrointestinal peptides in Raynaud's disease. Influence of transcutaneous nerve stimulation. Kaada B, et al. **Gen Pharmacol** 1985;16(2):153-6

Failure to influence the VIP level in the cerebrospinal fluid by transcutaneous nerve stimulation in humans. Kaada B, et al. **Gen Pharmacol** 1984;15(6):563-5

External control of the neuromuscular system. Solomonow M. **IEEE Trans Biomed Eng** 1984 Dec;31(12):752-63

Use of transcutaneous nerve stimulation in the attacks of acute intermittent porphyria. Kaada B, et al. **Int J Biochem** 1985;17(2):235-40

Effect of electrical stimulation on spasticity in hemiparetic patients. Vodovnik L, et al. **Int Rehabil Med** 1984;6(4):153-6

Treatment of myoclonic dystonia with transcutaneous electrical nerve stimulation. Toglia JU, et al. **Ital J Neurol Sci** 1985 Mar;6(1):75-8

Attempted nonsurgical electrical ablation of accessory pathways via the coronary sinus in the Wolff-Parkinson-White syndrome. Fisher JD, et al. **J Am Coll Cardiol** 1984 Oct;4(4):685-94

Pilot study on the effects of transcutaneous electrical nerve stimulation on the level of plasma beta-endorphin. Elkiss M, et al. **J Am Osteopath Assoc** 1984 Sep;84(1 Suppl):144-7

The effect of induced electric currents on bone after experimental osteotomy in sheep. Law HT, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):463-9

Electrical stimulation in the treatment of congenital pseudarthrosis of the tibia. Paterson DC, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):454-62

Transcutaneous electrical nerve stimulation (TENS) after open heart surgery. Klin B, et al. **J Cardiovasc Surg (Torino)** 1984 Sep-Oct;25(5):445-8

Electrical stimulation of the inner ear. **J Laryngol Otol [Suppl]** 1984;9:121-44

Immediate effects of spinal cord stimulation in spinal spasticity. Barolat-Romana G, et al. **J Neurosurg** 1985 Apr;62(4):558-62

Pain suppression induced by electrical stimulation of the pontine parabrachial region. Experimental study in cats. DeSalles AA, et al. **J Neurosurg** 1985 Mar;62(3):397-407

Inhibition of primate spinothalamic tract cells by TENS. Lee KH, et al. **J Neurosurg** 1985 Feb;62(2):276-87

Parabrachial modulation of pain and blood pressure [letter] Meyer MA. **J Neurosurg** 1985 Sep;63(3):478-9

Peripheral nerve stimulation suppression of C-fiber-evoked flexion reflex in rats. Part 1: Parameters of continuous stimulation. Sjolund BH. **J Neurosurg** 1985 Oct;63(4):612-6

Electrical stimulation of the brain in treatment of chronic pain. Experience over 5 years. Young RF, et al. **J Neurosurg** 1985 Mar;62(3):389-96

The effect of electrical current on the healing of mandibular freeze-dried bone allografts in dogs. Branham GB, et al. **J Oral Maxillofac Surg** 1985 Jun;43(6):403-7

Long-term high frequency transcutaneous electrical nerve stimulation (hi-TNS) in chronic pain. Clinical response and effects on CSF-endorphins, monoamine metabolites, substance P-like immunoreactivity (SPLI) and pain measures. Almay BG, et al. **J Psychosom Res** 1985;29(3):247-57

Effects of acupuncture and transcutaneous electrical nerve stimulation on cold-induced pain in normal subjects. Ashton H, et al. **J Psychosom Res** 1984;28(4):301-8

Role of hypothalamus in the recovery of acute ischemic myocardial injury promoted by electroacupuncture in rabbits. Liu JL. **J Tradit Chin Med** 1984 Jun;4(2):119-26

Electro-acupuncture treatment for dysfunction syndrome of temporomandibular joint. Report of 23 cases. Lu SN, et al. **J Tradit Chin Med** 1984 Jun;4(2):96

Prognostic factors in nonunion of the tibia: an evaluation of 185 cases treated with constant direct current. Heppenstall RB, et al. **J Trauma** 1984 Sep;24(9):790-5

Conservative management of chronic interstitial cystitis: transcutaneous electrical nerve stimulation and transurethral resection. Fall M. **J Urol** 1985 May; 133(5):774-8

Percutaneous nephrolithotripsy: a functional and morphological study. Webb DR, et al. **J Urol** 1985 Sep; 134(3):587-91

Influence of sex differences and knee joint position on electrical stimulation-modulated strength increases. Fahey TD, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):144-7

Treatment of decubitus ulcers. A new approach. Barron JJ, et al. **Minn Med** 1985 Feb;68(2):103-6

Structure of the osseous callus formed under electric stimulation. An experimental histological study. Mehedinţi T, et al. **Morphol Embryol (Bucur)** 1985 Jan-Mar;31(1):55-9

Electrical stimulation and substance abuse treatment. Jarzembski WB. **Neurobehav Toxicol Teratol** 1985 Mar-Apr;7(2):119-23 (32 ref.)

Evaluation of spinal cord stimulation for postapoplectic spastic hemiplegia. Nakamura S, et al. **Neurosurgery** 1985 Aug;17(2):253-9

Pain in avulsion of the brachial plexus. Parry CB. **Neurosurgery** 1984 Dec;15(6):960-5

Attempts to suppress tinnitus with transcutaneous electrical stimulation. Vernon JA, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):385-9

The effect of subcutaneous nerve stimulation (SCNS) on pain associated with osteoarthritis of the hip. Cottingham B, et al. **Pain** 1985 Jul;22(3):243-8

Thermal sensitivity in healthy subjects is decreased by a central mechanism after TNS. Eriksson MB, et al. **Pain** 1985 Jul;22(3):235-42

Modification of haemophiliac haemorrhage pain by transcutaneous electrical nerve stimulation. Roche PA, et al. **Pain** 1985 Jan;21(1):43-8

Modification of induced ischaemic pain by transcutaneous electrical nerve stimulation. Roche PA, et al. **Pain** 1984 Sep;20(1):45-52

Urodynamic observations on patients with sacral anterior root stimulators. Cardozo L, et al. **Paraplegia** 1984 Aug; 22(4):201-9

Electrical stimulation for strengthening [letter] Balogun JA. **Phys Ther** 1985 Sep;65(9):1394, 1396, 1399

Application of 24-hour burst TENS in a back school. Brill MM, et al. **Phys Ther** 1985 Sep;65(9):1355-7

Applications of transcutaneous electrical nerve stimulation in the management of patients with pain. State-of-the-art update. Gersh MR, et al. **Phys Ther** 1985 Mar;65(3):314-36

Transcutaneous electrical nerve stimulation for relief of parturition pain. A clinical report. Grim LC, et al. **Phys Ther** 1985 Mar;65(3):337-40

Transcutaneous electrical nerve stimulation for pain control during labor and delivery. A case report. Keenan DL, et al. **Phys Ther** 1985 Sep;65(9):1363-4

Use or misuse of TENS with acupuncture [letter] Krueger HC. **Phys Ther** 1984 Oct;64(10):1574-6

Improvement in isometric strength of the quadriceps femoris muscle after training with electrical stimulation. Selkowitz DM. **Phys Ther** 1985 Feb;65(2):186-96

Use of transcutaneous electrical nerve stimulation for a patient with a cardiac pacemaker. A case report. Shade SK. **Phys Ther** 1985 Feb;65(2):206-8

Transcutaneous electrical nerve stimulation. Practical aspects and applications. Soric R, et al. **Postgrad Med** 1985 Sep 15;78(4):101-7

Antinociceptive effects of peripheral nerve stimulation. Chung JM. **Prog Clin Biol Res** 1985;176:147-61

Electric and electromagnetic stimulation of bone growth. **Reconstr Surg Traumatol** 1985;19:1-152

Is joint aspiration of in acute haemarthrosis really necessary? [letter] Heim M, et al. **S Afr Med J** 1985 Apr 6;67(14):531-2

Diaphragm pacing in the treatment of ventilatory failure. Kotzé PL, et al. **S Afr Med J** 1985 Aug 17;68(4):223-4

The comparative results of psychologic testing in scoliosis patients treated with electrical stimulation or bracing. Kahanovitz N, et al. **Spine** 1984 Jul-Aug;9(5):442-4

A clinical assessment of electroanalgesia following abdominal operations. Galloway DJ, et al. **Surg Gynecol Obstet** 1984 Nov;159(5):453-6

Two approaches for electrohydraulic lithotripsy in the common bile duct. Tanaka M, et al. **Surgery** 1985 Aug; 98(2):313-8

Short-term maximal electrical stimulation for urinary retention. Plevnik S, et al. **Urology** 1984 Nov;24(5):521-3

[Controlling the gait of hemiplegics with functional electrical stimulation] Háčik L, et al. **Cesk Neurol Neurochir** 1984 Aug;47(4):240-4 (Eng. Abstr.) (Cze)

[Electroacupuncture in neuralgia of 1st and 2d branch of the trigeminal nerve] Polcrová A, et al. **Cesk Otolaryngol** 1984 Jun;33(3):151-5 (Eng. Abstr.) (Cze)

[Pain-relieving effect of transcutaneous nerve stimulation during delivery. A study among primiparas] Steptoe P, et al. **Ugeskr Laeger** 1984 Oct 15;146(42):3186-8 (Eng. Abstr.) (Dan)

[Treatment of tinnitus by electrical stimulation of the ear] Gersdorff M, et al. **Acta Otorhinolaryngol Belg** 1985; 39(3):583-612 (Eng. Abstr.) (Fre)

[New approaches in the treatment of tinnitus by electrostimulation] Morgon A, et al. **J Fr Otorhinolaryngol** 1984 Sep;33(7):343-51 (Fre)

[Prevention of deep venous thrombosis by physical methods. Use of an external electrical stimulator. Initial results in surgery of the hip] Mollard JM, et al. **Phlebologie** 1985 Apr-Jun;38(2):293-305 (Eng. Abstr.) (Fre)

[Posterior tibial syndrome: treatment with a high-frequency low-intensity current; controlled study] Gobelet C, et al. **Schweiz Z Sportmed** 1985 Mar;33(1):26-30 (Eng. Abstr.) (Fre)

[Etiology of hip dislocation in children with cerebral movement disorders and possibilities of conservative treatment using rotating and spreading plates and electrostimulation] Feldkamp M, et al. **Z Orthop** 1985 Mar-Apr;123(2):182-8 (Eng. Abstr.) (Ger)

[Therapy of atrial flutter by high-frequency atrial stimulation] Caroleo S, et al. **Minerva Cardioangiol** 1985 Mar;33(3):141-4 (Eng. Abstr.) (Ita)

[Our experience in the electric therapy of sustained ventricular tachycardia and in the provocation test. Subsequent pharmacologic implications] Menozzi C, et al. **Minerva Cardioangiol** 1984 Oct;32(10):663-73 (Eng. Abstr.) (Ita)

[Temporary electric stimulation in the treatment of atrial flutter in the aged subject] Verza M, et al. **Minerva Cardioangiol** 1984 Nov;32(11):843-6 (Eng. Abstr.) (Ita)

[Effect of a constant electric field on flaccid paralysis of the lower limb after acute poliomyelitis] Cieszyński T, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(1):59-64 (Eng. Abstr.) (Pol)

[Electrical phenomena in the treatment of bacterial bone infection] Cieszyński T. **Folia Med Cracov** 1984; 25(1-2):198-200 (Eng. Abstr.) (Pol)

[Questionnaire method of evaluating the effectiveness of the treatment of pain] Szczudlik A, et al. **Neurol Neurochir Pol** 1984 Sep-Oct;18(5):421-8 (Eng. Abstr.) (Pol)

[Selected problems in the treatment of cochlear deafness by electric stimulation] Latkowski B. **Otolaryngol Pol** 1984; 38(2):107-19 (Eng. Abstr.) (Pol)

[Physiological basis of the action of surface electrostimulation in the treatment of various vascular diseases] Szczypiorski P, et al. **Pol Tyg Lek** 1985 Mar 11;40(10):313-6 (32 ref.) (Pol)

[Stimulation of uterine contraction in fetal death] Gurtovoi BL, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):65-7 (Eng. Abstr.) (Rus)

[Evoked potential dynamics of patients during therapeutic electrostimulation of damaged optic nerves] Lyskov EB. **Fiziol Cheloveka** 1984 Sep-Oct;10(5):747-52 (Rus)

[Changes in the beta-endorphin levels in the brain and cerebrospinal fluid during transcranial electroanalgesia] Airapetov LN, et al. **Fiziol Zh SSSR** 1985 Jan;71(1):56-64 (Rus)

[Neurochemical aspects of therapeutic electric stimulation] Bekhtereva NP, et al. **Fiziol Zh SSSR** 1984 Aug; 70(8):1092-9 (Eng. Abstr.) (Rus)

[A new form of caudate inhibition in electrostimulation of the deep structures of the human brain] Smirnov VM, et al. **Fiziol Zh SSSR** 1984 Jul;70(7):938-43 (Eng. Abstr.) (Rus)

[Effectiveness of the treatment of patients with vibration disease by sinusoidal modulated currents] Gerasimova MM, et al. **Gig Tr Prof Zabol** 1984 Oct;(10):39-41 (Rus)

[Effect of electroacupuncture on the conduction of afferent signals in the superior colliculus] Durinian RA, et al. **Patol Fiziol Eksp Ter** 1985 Jan-Feb;(1):47-9 (Eng. Abstr.) (Rus)

[Use of combined electric stimulation in experimental injury of nerve trunks] Laskov VB. **Patol Fiziol Eksp Ter** 1984 Nov-Dec;(6):23-6 (Eng. Abstr.) (Rus)

[Effect of electropuncture on the work capacity of naval specialists during long sea voyages] Kokhanov VP, et al. **Voen Med Zh** 1985 Apr;(4):69-70 (Rus)

[Clinical use of random currents] Efanov OI. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Jul-Aug;(4):55-8 (Rus)

[Paravertebral trimecaine analgesia combined with galvanization as a method of anesthesia after lung surgery] Lavrent'ev IuA, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan-Feb;(1):32-5 (Eng. Abstr.) (Rus)

[Transcutaneous electrostimulation—method leading to a permeation system of electroanalgesia in oncological practice] Dil'din AS, et al. **Vopr Onkol** 1985;31(8):33-6 (Eng. Abstr.) (Rus)

[Prevention of post-neuritic facial contracture by electric stimulation] Ishchuk AI, et al. **Vrach Delo** 1985 Jun;(6):82-3 (Eng. Abstr.) (Rus)

[Use of transcutaneous electric stimulation in diseases of the peripheral nervous system] Kulakov AV. **Vrach Delo** 1985 Feb;(2):93-4 (Eng. Abstr.) (Rus)

[Use of local transcutaneous electrostimulation in treating pain syndromes] Macheret EL, et al. **Vrach Delo** 1984 Sep; (9):101-4 (Eng. Abstr.) (Rus)

[Reflexotherapy of neurologic complications in chronic alcoholism] Anishchenko GIa, et al. **Zh Nevropatol Psikhiatr** 1984;84(9):1377-80 (Eng. Abstr.) (Rus)

[Changes in blood serotonin levels in patients with migraine headaches before and after a course of reflexotherapy] Markelova VF, et al. **Zh Nevropatol Psikhiatr** 1984; 84(9):1313-6 (Eng. Abstr.) (Rus)

[Method of transcutaneous nerve stimulation in the treatment of post-stroke arthropathies] Tkacheva GR, et al. **Zh Nevropatol Psikhiatr** 1985;85(4):531-4 (Eng. Abstr.) (Rus)

[Attempt at objective evaluation of pain and analgesia during stimulation of the posterior columns in patients with spinal cord lesions] Livshits AV, et al. **Zh Vopr Neirokhir** 1984 Nov-Dec;(6):42-7 (Eng. Abstr.) (Rus)

[The effect of long-term stimulation of epileptic foci on their activity] Drličková V, et al. **Bratisl Lek Listy** 1984 Sep; 82(3):1087-93 (Eng. Abstr.) (Slo)

[Chronic spinal cord stimulation in peripheral arterial insufficiency. Comparative study] Broseta J, et al. **Angiologia** 1985 Mar-Apr;37(2):70-86 (Eng. Abstr.) (Spa)

[Functional electric stimulation in paralysis and paresis with damage of the superior motor neuron (letter)] Barés C. **Medicina (B Aires)** 1983;43(6 Pt 2):899 (Spa)

ADVERSE EFFECTS

Modification of electroconvulsive therapy induced hypertension with nitroglycerin ointment. Lee JT, et al. **Anesthesiology** 1985 Jun;62(6):793-6

Asynchronized direct-current electrical energy causing acceleration of ventricular tachycardia. Bishara NA, et al. **Crit Care Med** 1984 Nov;12(11):1001-2

HISTORY

The super-marvel (and other marvelous instruments). King FL. **Hosp Pract [Off]** 1985 Feb 15;20(2):82VV

Medical cataphoresis. Electrical experimentation and 19th century therapeutics. Haller JS Jr. **NY State J Med** 1985 Jun;85(6):257-61

INSTRUMENTATION

Evaluation of the transcutaneous electrical nerve stimulator for postoperative analgesia following cardiac surgery. Navarathnam RG, et al. **Anaesth Intensive Care** 1984 Nov; 12(4):345-50

Acute and chronic implantation of coiled wire intraneural electrodes during cyclical electrical stimulation. Bowman BR, et al. **Ann Biomed Eng** 1985;13(1):75-93

Diagnosis and repair of malfunctions of implanted central nervous system stimulators. Koeze TH, et al. **Appl Neurophysiol** 1984;47(3):111-6

Levator syndrome. A treatment that works. Nicosia JF, et al. **Dis Colon Rectum** 1985 Jun;28(6):406-8

Urological aspects of the Shy-Drager syndrome: a urodynamic and telemetric investigation. Incontinence treatment by electrical pacemaker and prenalterol. Vereecken RL, et al. **Eur Urol** 1985;11(1):65-8

A computer-controlled multichannel stimulation system for laboratory use in functional neuromuscular stimulation. Thrope GB, et al. **IEEE Trans Biomed Eng** 1985 Jun; 32(6):363-70

Contingency transcutaneous stimulator for patients with unilateral tactile and proprioceptive neglect. Campbell JA, et al. **Med Biol Eng Comput** 1985 Jan;23(1):90-2

High voltage stimulation. Effects of electrode size on basic excitatory responses. Alon G. **Phys Ther** 1985 Jun; 65(6):890-5

[Functional training of flaccid paralyzed muscles] Schubert W. **Biomed Tech (Berlin)** 1985 May;30(5):115-22 (Eng. Abstr.) (Ger)

[Electrotherapy of pain relief using the Tenzcare stimulator. A clinico-experimental study] Hertz H, et al. **Wien Klin Wochenschr** 1984 Aug 3;96(15):585-8 (Eng. Abstr.) (Ger)

[Electrotherapy in anal incontinence] Melzer B, et al. **Zentralbl Chir** 1985;110(11):699-704 (Ger)

[Transcutaneous electric nerve stimulation in the treatment of placental insufficiency. 1. Methodologic principle and set of instruments] Ketscher KD, et al. **Zentralbl Gynakol** 1985;107(8):500-2 (Eng. Abstr.) (Ger)

[Rehabilitation: treatment of lymphedema of the arm after mastectomy] Mano MP, et al. **Minerva Ginecol** 1985 Mar; 37(3):121-5 (Eng. Absar.) (Ita)

[Use of electric uterine stimulator 'Uteroton-1' for prevention of hemorrhage in the placental-stage and early postpartum periods] Khasin AZ, et al. **Akush Ginekol (Mosk)** 1985 Jan; (1):44-6 (Eng. Abstr.) (Rus)

[Eliman-206 2-channel analgesic electrostimulator] Kalakutskil LI, et al. **Med Tekh** 1985 Mar-Apr;(2):16-9 (Rus)

['Stimul-1' apparatus for electric stimulation of the muscles] Shipulin AM. **Med Tekh** 1984 Sep-Oct;(5):61-2 (Rus)

[Neurostimulation: an instrument for research and therapy] Madrazo I, et al. **Gac Med Mex** 1985 Mar-Apr; 121(3-4):135-50 (Spa)

METHODS

Electrical tinnitus control. Shulman A, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):318-25

Effects of waveform parameters on comfort during transcutaneous neuromuscular electrical stimulation. Bowman BR, et al. **Ann Biomed Eng** 1985;13(1):59-74

Electrical stimulation of the posterior limb of the internal capsule for treatment of thalamic pain. Namba S, et al. **Appl Neurophysiol** 1984;47(3):137-48

Inhibition of nociceptive neurons by internal capsule stimulation. Nishimoto A, et al. **Appl Neurophysiol** 1984;47(3):117-27

Phantom limb pain: relief by application of TENS to contralateral extremity. Carabelli RA, et al. **Arch Phys Med Rehabil** 1985 Jul;66(7):466-7

Electrotherapy for acceleration of wound healing: low intensity direct current. Carley PJ, et al. **Arch Phys Med Rehabil** 1985 Jul;66(7):443-6

Electrohydraulic nephrolithotripsy: a preferable alternative to ultrasound. Miller RA, et al. **Br J Urol** 1984 Dec;56(6):589-93

Perineal nerve and transcutaneous spinal stimulation: new methods for investigation of the urethral striated sphincter musculature. Snooks SJ, et al. **Br J Urol** 1984 Aug;56(4):406-9

Stimulation of the peripheral nervous system for pain control. Long DM. **Clin Neurosurg** 1983;31:323-43

Treatment of headache by transcutaneous electrical stimulation. Solomon S, et al. **Headache** 1985 Jan;25(1):12-5

Clinical and physiological basis for a new method underlying rehabilitation of the damaged visual nerve function by direct electric stimulation. Bechtereva NP, et al. **Int J Psychophysiol** 1985 Apr;2(4):257-72

New possibilities of improving the function of the hand of patients with spastic hemiplegia. Kiwerski J. **Int J Rehabil Res** 1984;7(3):293-8

Extracorporeal shock-wave lithotripsy (ESWL) of kidney and ureteric stones. Schmiedt E, et al. **Int Urol Nephrol** 1984;16(4):273-83

Treatment of recalcitrant non-union with a capacitively coupled electrical field. A preliminary report. Brighton CT, et al. **J Bone Joint Surg [Am]** 1985 Apr;67(4):577-85

Functional electrical stimulation of the peroneal nerve for hemiplegia. Long-term clinical follow-up. Waters RL, et al. **J Bone Joint Surg [Am]** 1985 Jun;67(5):792-3

Direct nerve stimulation for painful peripheral neuropathies. Waisbrod H, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):470-2

Nonunions and delayed unions. Randolph TJ, et al. **J Foot Surg** 1985 Jan-Feb;24(1):62-7 (29 ref.)

Ionization with diclofenac sodium in rheumatic disorders: a double-blind placebo-controlled trial. Vecchini L, et al. **J Int Med Res** 1984;12(6):346-50

The effect of spinal cord stimulation on idiopathic detrusor instability and incontinence: a case report. Read DJ, et al. **J Neurol Neurosurg Psychiatry** 1985 Aug;48(8):832-4

Role of hypothalamus in the recovery of acute ischemic myocardial injury promoted by electroacupuncture in rabbits. II. Electric stimulation of PO-AH on the effect of electroacupuncture at Neiguan acupoint. Liu JL. **J Tradit Chin Med** 1984 Sep;4(3):197-204

Respiratory rhythmically regulated electrical stimulation of paralyzed laryngeal muscles. Bergmann K, et al. **Laryngoscope** 1984 Oct;94(10):1376-80

Phrenic nerve stimulation (diaphragm pacing) in chronic singultus. Fodstad H, et al. **Neurochirurgia (Stuttg)** 1984 Jul;27(4):115-6

Evaluation of cervical stimulation for chronic treatment of spasticity. Gottlieb GL, et al. **Neurology** 1985 May;35(5):699-704

Bioelectrical correlates of protective mechanisms of the brain. Bekhtereva NP. **Neurosci Behav Physiol** 1985 Jan-Feb;15(1):27-32

Acupuncture and transcutaneous electrical nerve stimulation. Melzack R, et al. **Postgrad Med J** 1984 Dec;60(710):893-6

Analgesia produced by electrical stimulation of the brain. Mayer DJ. **Prog Neuropsychopharmacol Biol Psychiatry** 1984;8(4-6):557-64 (55 ref.)

Electrical stimulation of low frequency range in cases of pseudarthroses. Survey of 350 cases. Ascherl R, et al. **Reconstr Surg Traumatol** 1985;19:106-12

Treatment of non-union by pulsing electromagnetic field: European multicenter study of 308 cases. Hinsenkamp M, et al. **Reconstr Surg Traumatol** 1985;19:147-51

Role of electricity in the treatment of congenital pseudarthrosis of the tibia. Kort JS, et al. **Reconstr Surg Traumatol** 1985;19:140-6

Electromagnetic fields, biological systems and their connection in electromagnetic biostimulation. McLeod BR, et al. **Reconstr Surg Traumatol** 1985;19:19-31

Treatment of surgically resistant non-unions with pulsed electromagnetic fields. O'Connor BT. **Reconstr Surg Traumatol** 1985;19:123-32

Electrical stimulation in treatment of delayed union and nonunion of fractures and osteotomies. Dunn AW, et al. **South Med J** 1984 Dec;77(12):1530-4

Interferential therapy for detrusor hyperreflexia in multiple sclerosis. Van Poppel H, et al. **Urology** 1985 Jun;25(6):607-12

[Electrostimulation methods and low-frequency currents in obstetrical and gynecological practice] Belchev D, et al. **Akush Ginekol (Sofiia)** 1984;23(6):541-50 (98 ref.) **(Bul)**

[External counterpulsation in treatment of cerebrovascular thrombosis and patient care] Wan LY. **Chung Hua Hu Li Tsa Chih** 1984 Aug;19(4):196-7 **(Chi)**

[Electrical stimulation in promoting healing of mandibular defects in the rabbit] Han ZF, et al. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Jan;20(1):32-4, 64 (Eng. Abstr.) **(Chi)**

[Transcutaneous cerebral electric stimulation by Limoge current during labor] Champagne C, et al. **Ann Fr Anesth Reanim** 1984;3(6):405-13 (Eng. Abstr.) **(Fre)**

[Controlled therapeutic trial: the value of precisely defining the methodology (letter)] Muller A. **Ann Fr Anesth Reanim** 1985;4(3):325-6 **(Fre)**

[Ultrasound and shock waves in the elimination of renal calculi] Horchani A. **Tunis Med** 1985 Jan;63:5-7 **(Fre)**

[Therapy effect of intrathecal, nerve stem and pain pressure point electroacupuncture in severe refractory back and leg pains] Liu XM, et al. **Acta Acad Med Wuhan** 1984;4(4):248-51 (Eng. Abstr.) **(Ger)**

[Effect of low frequency currents on pelvic floor muscles. An animal experiment study on the physical therapy of urinary incontinence] Kiesswetter H. **Fortschr Med** 1985 Jan 24;103(4):67-70 (Eng. Abstr.) **(Ger)**

[New possibilities in the therapy of threatening tachycardia rhythm disorders: drug--electrical--operative therapy] Steinbeck G, et al. **Internist (Berlin)** 1984 Jun;25(6):351-8 **(Ger)**

[The treatment of scaphoid pseudarthrosis with electrostimulation] Aversa JM. **Orthopade** 1985 Feb;14(1):44-9 **(Ger)**

[Functional electrostimulation of paraplegic patients--1 year's practical application. Results in patients and experiences] Kern H, et al. **Z Orthop** 1985 Jan-Feb;123(1):1-12 (Eng. Abstr.) **(Ger)**

[Non-medicamentous treatment of labor pain by electrostimulation] Kubista E. **Zentralbl Gynakol** 1985;107(9):532-8 (Eng. Abstr.) **(Ger)**

[Transcutaneous electric stimulation in the therapy of tinnitus patients] Panzolli L, et al. **Acta Otorhinolaryngol Ital** 1984 Jan-Feb;4(1):15-25 (Eng. Abstr.) **(Ita)**

[Auricular electrical stimulation for analgesia in general surgery Theoretical considerations and an analysis of 170 cases] Nicosia F, et al. **Minerva Anestesiol** 1984 Nov;50(11):587-91 (Eng. Abstr.) **(Ita)**

[Urinary calculosis and its new treatment by extracorporeal shock wave lithotripsy] Rocco F, et al. **Minerva Med** 1984 Nov 10;75(43):2569-77 **(Ita)**

[Surface analgesic electrostimulation in dentistry] Romagnoli R, et al. **Minerva Stomatol** 1984 Jul-Aug;33(4):625-7 (Eng. Abstr.) **(Ita)**

[Epidural spinal cord stimulation: its efficacy and mechanisms] Maruyama Y, et al. **Gan No Rinsho** 1985 May;31(6 Suppl):729-35 (Eng. Abstr.) **(Jpn)**

[Computerized tomography-guided stereotaxic implantation of deep brain-stimulating electrodes] Takizawa T. **Neurol Med Chir (Tokyo)** 1985 Mar;25(3):177-80 (Eng. Abstr.) **(Jpn)**

[Basic and clinical study on functional electrical stimulation (FES) for the paralyzed upper extremity] Yagi R. **Nippon Seikeigeka Gakkai Zasshi** 1985 Apr;59(4):383-95 (Eng. Abstr.) **(Jpn)**

[Percutaneous epidural electrical stimulation of the spinal cord for intractable pain--with special reference to deafferentation pain] Tsuda T, et al. **No Shinkei Geka** 1985 Apr;13(4):409-15 (Eng. Abstr.) **(Jpn)**

[Central alveolar hypoventilation as a complication of massive intracerebellar hemorrhage: report of a case treated by diaphragm pacing] Yamamoto N, et al. **No Shinkei Geka** 1985 Apr;13(4):451-6 (Eng. Abstr.) **(Jpn)**

[Principles of electric stimulation in flaccid paralysis] Kućma K. **Neurol Neurochir Pol** 1984 Jul-Aug;18(4):319-25 (Eng. Abstr.) **(Pol)**

[The analgesic effect of interference currents in radicular pains] Kwasucki J, et al. **Neurol Neurochir Pol** 1984 May-Jun;18(3):235-9 (Eng. Abstr.) **(Pol)**

[Thermographic evaluation of the effectiveness of electric surface stimulation on skin microcirculation in various peripheral vascular diseases] Kruk M, et al. **Pol Tyg Lek** 1985 Apr 29;40(17):485-9 (Eng. Abstr.) **(Pol)**

[Electroacupuncture in the treatment of uterine inertia] Belov DIu, et al. **Akush Ginekol (Mosk)** 1984 Aug;(8):36-8 (Eng. Abstr.) **(Rus)**

[Possibilities for controlling respiration postoperatively by electrical stimulation of the phrenic nerves] Priĭmak AA, et al. **Anesteziol Reanimatol** 1985 Mar-Apr;(2):49-52 (Eng. Abstr.) **(Rus)**

[Use of electrocumulation of 5-fluorouracil in treating acute experimental pancreatitis] Mironov VI, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):147-9 (Eng. Abstr.) **(Rus)**

[Clinico-physiological bases of a new method of restoring vision by direct electrostimulation of damaged human optic nerves] Shandurina AN, et al. **Fiziol Cheloveka** 1984 Sep-Oct;10(5):719-46 **(Rus)**

[Analgesic action of cutaneous electrostimulation of nerve fibers] Starobinets MKh, et al. **Klin Med (Mosk)** 1984 Sep;62(9):15-20 (26 ref.) **(Rus)**

[Restoration of respiratory rhythmogenesis by local electrostimulation of the brain in apnea induced by anesthetic agents] Volnov VA, et al. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):71-4 **(Rus)**

[Contactless destruction of kidney stones by a focused shock wave (an experimental study)] Andriianov IuV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Jul-Aug;(4):36-40 (Eng. Abstr.) **(Rus)**

[Effect of sinusoidal modulated currents on clinical and electromyographic indicators in patients with cervical osteochondrosis] Komarova LA, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan-Feb;(1):37-40 (Eng. Abstr.) **(Rus)**

[Use of sinusoid modulated currents in the treatment of women with stress-induced urinary incontinence] Odintsov BP, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):61-2 **(Rus)**

[Treatment of chronic salpingo-oophoritis with fluxiorization and low-frequency short-impulse currents] Strugatskii VM, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):26-30 (Eng. Abstr.) **(Rus)**

[Analgesic effect of high-frequency and acupuncture-like transcutaneous electric stimulation of nerve fibers in spinal osteochondrosis] Starobinets MKh, et al. **Zh Nevropatol Psikhiatr** 1985;85(3):350-4 (Eng. Abstr.) **(Rus)**

[Percutaneous epidural stimulation of the spinal cord in the treatment of chronic pain] Muriel Villoria C, et al. **Rev Esp Anestesiol Reanim** 1985 May-Jun;32(3):119-21 (Eng. Abstr.) **(Spa)**

VETERINARY

Capacitively coupled electrical stimulation of bone healing in the horse: in vivo study with a Salter type IV osteotomy model with stainless steel surface electrodes. Collier MA, et al. **Am J Vet Res** 1985 Mar;46(3):622-31

Direct current stimulation of bone production in the horse: preliminary study with a 'gap healing' model. Collier MA, et al. **Am J Vet Res** 1985 Mar;46(3):610-21

Direct current stimulation of bone production in the pony: observations with a diaphyseal osteotomy model. Collier MA, et al. **Am J Vet Res** 1985 Mar;46(3):600-9

ELEDOISIN

ANALOGS & DERIVATIVES

A new type of tachykinin binding site in the rat brain characterized by specific binding of a labeled eledoisin derivative. Beaujouan JC, et al. **Mol Pharmacol** 1984 Sep;26(2):248-54

Effects of glutamate, substance P and eledoisin-related peptide on solitary tract neurones involved in respiration and respiratory reflexes. Henry JL, et al. **Neuroscience** 1985 Mar;14(3):863-73

METABOLISM

Antisera raised against eledoisin and kassinin detect elevated levels of immunoreactive material in plasma and tumor tissues from patients with carcinoid tumors. Norheim I, et al. **Regul Pept** 1984 Nov;9(4):245-57

Antisera raised against eledoisin and kassinin detect immunoreactive material in rat tissue extracts: tissue distribution and chromatographic characterization. Theodorsson-Norheim E, et al. **Regul Pept** 1984 Nov;9(4):229-44

PHARMACODYNAMICS

Effects of eledoisin on thyrotrophin secretion in rats. Mitsuma T, et al. **Acta Endocrinol (Copenh)** 1985 Sep;110(1):90-4

Possible influence of tachykinins on body fluid homeostasis in the rat. Cantalamessa F, et al. **J Physiol (Paris)** 1984;79(6):524-30

Some characterization of the responses to substance P and other tachykinins in rabbit iris sphincter muscle. Hosoki R, et al. **Jpn J Pharmacol** 1985 Feb;37(2):159-65

Substance P antagonists and the role of tachykinins in non-cholinergic bronchoconstriction. Karlsson JA, et al. **Life Sci** 1984 Dec 24;35(26):2681-91

THERAPEUTIC USE

Eledoisin—a successful therapeutic concept for filamentary keratitis. Jaeger W, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 4):496

ELEMENTARY PARTICLES

Particle radiation therapy. Parker RG. **Cancer** 1985 May 1;55(9 Suppl):2240-5

Preliminary results of a Phase I/II study with pi-meson (pion) treatment for bladder cancer. Studer UE, et al. **Cancer** 1985 Oct 15;56(8):1943-52

Effect of different pion stopping volumes on the radiation response of mouse small intestine. Rao KR, et al. **Int J Radiat Biol** 1985 Jul;48(1):61-9

Effects of a bolus and inhomogeneities on pion stopping distributions. Wright HA, et al. **Med Phys** 1984 Nov-Dec;11(6):751-4

The problem of tissue equivalence in negative pion dosimetry. Lewis CA. **Phys Med Biol** 1985 Jul;30(7):703-5

Heavy charged particle irradiation of human cancers. Castro JR. **Radiat Med** 1983 Jan-Mar;1(1):70-5

Preliminary report on long-term results of pion therapy at Los Alamos. von Essen CF. **Radiat Med** 1983 Oct-Dec; 1(4):314-9

Proportional counter dosimetry and microdosimetry for radiotherapy with multiple pion beams. Schuhmacher H, et al. **Radiat Res** 1985 Jan;101(1):177-96

Calculation on cosmic-ray muon exposure rate in non-walled concrete buildings. Fujitaka K, et al. **Radioisotopes** 1984 Jun;33(6):350-6

Modelling of cosmic-ray muon exposure in building's interior. Fujitaka K, et al. **Radioisotopes** 1984 Jun; 33(6):343-9

[Symposium: Heavy particles in radiotherapy] **Radiol Med (Torino)** 1984 Apr;70(4 Suppl 1):127-37 **(Ita)**

[The applicability of pions to cancer radiotherapy. I. Experimental measurements of the capture and absorption of pions in polymer] Maki T, et al. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):221-33 (Eng. Abstr.) **(Jpn)**

[The applicability of pions to cancer radiotherapy. II. Theoretical analysis of the capture and absorption of pions in polymer] Nakano M, et al. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):235-41 (Eng. Abstr.) **(Jpn)**

ELEMENTS

Schistosoma mansoni: electron probe X-ray microanalysis of the elemental composition of the tegument and subtegumental tissues of adult worms. Shaw MK, et al. **Exp Parasitol** 1984 Oct;58(2):163-81

Photon scattering in biomedically important elements. Bradley DA, et al. **Phys Med Biol** 1984 Nov;29(11):1385-97

Reference values for elemental concentrations in some human samples of clinical interest: a preliminary evaluation. Iyengar GV. **Sci Total Environ** 1984 Sep;38:125-31

[Concentration of various bioelements in the serum of otosclerosis patients] Martini A, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(1):69-71 (Eng. Abstr.) **(Fre)**

ANALYSIS

Multielement assays of bovine tissue specimens by inductively coupled argon plasma emission spectroscopy. Stowe HD, et al. **Am J Vet Res** 1985 Mar;46(3):561-5

Effects of acid type and concentration on the determination of 34 elements by simultaneous inductively coupled plasma atomic emission spectrometry. Que Hee SS, et al. **Anal Chem** 1985 Jun;57(7):1242-52

Morphometric and elemental microanalytical studies of human lung in health and disease. Siegesmund KA, et al. **Br J Ind Med** 1985 Jan;42(1):36-42

The subcellular concentration of ions and elements in thin cryosections of onion root meristem cells. An electron-probe EDS study. Cameron IL, et al. **J Cell Sci** 1984 Dec;72:295-306

Elemental composition and water content of neuron and glial cells in the central nervous system of the North American medicinal leech (Macrobdella decora). Saubermann AJ, et al. **J Neurochem** 1985 Mar;44(3):825-34

Unexpected inorganic elements in oral lesions: results of X-ray energy spectroscopy (XES) on particulate matter in paraffin sections. Levison DA, et al. **J Pathol** 1984 Oct; 144(2):119-29

Elemental profiles in cryosections and frozen-dried bulk specimens of the normal lens. Harding CV, et al. **Ophthalmic Res** 1984;16(5):276-83

Resin-slide for X-ray analysis of inorganic deposits on paraffin sections in the scanning electron microscope. Or SB, et al. **Pathology** 1984 Jul;16(3):319-23

Kidney and liver levels of some major, minor and trace elements in two Ontario communities. Subramanian KS, et al. **Sci Total Environ** 1985 Apr;42(3):223-35

Imaging elemental distribution and ion transport in cultured cells with ion microscopy. Chandra S, et al. **Science** 1985 Jun 28;228(4707):1543-4

[Analysis of aerosols for light elements by forward alpha scattering technique] Matsuda Y, et al. **Radioisotopes** 1984 Jul;33(7):437-43 (Eng. Abstr.) **(Jpn)**

[Laser mass-spectrometric medical microanalysis] Komleva AA, et al. **Med Tekh** 1985 Jan-Feb;(1):25-8 (Eng. Abstr.) **(Rus)**

BLOOD

The effect of a phenylalanine and tyrosine restricted diet on elemental balance studies and plasma aminograms of patients with disseminated malignant melanoma. Lawson DH, et al. **Am J Clin Nutr** 1985 Jan;41(1):73-84

ELEPHANTIASIS see under **LYMPHEDEMA**

ELEPHANTS

Salmonellosis in an African elephant [letter] Scott WA. **Vet Rec** 1984 Oct 13;115(15):391

Fatal infection of an elephant calf caused by the trematode Protofasciola robusta (Lorenz, 1881) in Somaliland. Vitovec J, et al. **Zentralbl Veterinarmed [B]** 1984 Sep; 31(8):597-602

[A piece of tooth with a history] Otto H. **Pathologe** 1984 Oct;5(5):290-1 **(Ger)**

BLOOD

Phosphate-haemoglobin interaction. The primary structure of the haemoglobin of the African elephant (Loxodonta africana, Proboscidea): asparagine in position 2 of the beta-chain. Braunitzer G, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jul;365(7):743-9

Blood composition in culled elephants and buffaloes. Hattingh J, et al. **J S Afr Vet Assoc** 1984 Dec;55(4):157-64

MICROBIOLOGY

Salmonellosis in a herd of captive elephants. Janssen DL, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1450-1

PARASITOLOGY

A survey of helminth parasites of game animals in Kainji Lake National Park of Nigeria. Crockett EC, et al. **Int J Zoonoses** 1984 Dec;11(2):204-15

SURGERY

Medical and surgical management of a fractured tusk in an African elephant. Allen JL, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1447-9

ELEVATORS AND ESCALATORS see under **FACILITY DESIGN AND CONSTRUCTION**

ELIGIBILITY DETERMINATION

see related
DISABILITY EVALUATION

[Neurological expertise for insurance companies and judicial agencies] van Wijngaarden GK. **Ned Tijdschr Geneeskd** 1985 Apr 27;129(17):783-5 **(Dut)**

ECONOMICS

Implications of PRO denials for Missouri hospitals and physicians. Akhter MN. **Mo Med** 1985 May;82(5):243-5

LEGISLATION & JURISPRUDENCE

Goldfarb and Mathews: legal challenges to the dependency test for spouse's benefits. Donovan ET, et al. **Soc Secur Bull** 1984 Dec;47(12):22-7

TRENDS

Arbitrary access to care: the case for reforming Medicaid. Joe TC, et al. **Health Aff (Millwood)** 1985 Spring;4(1):59-74

[Social security in the aged requiring nursing care—a review of status and perspectives] Schmollinger M. **Rehabilitation (Stuttg)** 1985 Feb;24(1):39-46 (Eng. Abstr.) **(Ger)**

ELIMINATIVE BEHAVIOR, ANIMAL see under **BEHAVIOR, ANIMAL**

ELLAGIC ACID see under **BENZOPYRANS**

ELLIPTICINES see under **ALKALOIDS**

ELLIPTOCYTOSIS, HEREDITARY

see related
ANEMIA, SIDEROBLASTIC

Hereditary elliptocytosis and related disorders. Palek J. **Clin Haematol** 1985 Feb;14(1):45-87 (119 ref.)

BLOOD

Red cell membrane sialoglycoprotein beta in homozygous and heterozygous 4.1(-) hereditary elliptocytosis. Alloisio N, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):57-62

The heterozygous form of 4.1(-) hereditary elliptocytosis [the 4.1(-) trait]. Alloisio N, et al. **Blood** 1985 Jan;65(1):46-51

A variant of erythrocyte membrane skeletal protein band 4.1 associated with hereditary elliptocytosis. Garbarz M, et al. **Blood** 1984 Nov;64(5):1006-15

Sp alpha I/65: a new variant of the alpha subunit of spectrin in hereditary elliptocytosis. Lawler J, et al. **Blood** 1985 Sep; 66(3):706-9

A new abnormal variant of spectrin in black patients with hereditary elliptocytosis. Lecomte MC, et al. **Blood** 1985 May;65(5):1208-17

Grandeur in the red blood cell. Young LE. **Hosp Pract [Off]** 1984 Oct;19(10):16-7, 20, 22

FAMILIAL & GENETIC

Molecular defect of spectrin in the family of a child with congenital hemolytic poikilocytic anemia. Dhermy D, et al. **Pediatr Res** 1984 Oct;18(10):1005-12

ELLIS-VAN CREVELD SYNDROME

DIAGNOSIS

[Ellis-van Creveld syndrome. Contribution of echography to prenatal diagnosis. Apropos of a case] Bérardi JC, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(1):43-7 (Eng. Abstr.) **(Fre)**

FAMILIAL & GENETIC

[Ellis-Van Creveld syndrome (chondro-ectodermic dysplasia). Presentation of 2 familial cases] Mazzetti M, et al. **Chir Organi Mov** 1984;69(2):199-203 (Eng. Abstr.) **(Ita)**

EMACIATION

COMPLICATIONS

[Gangrenous pyoderma associated with chronic suppurative focus, extreme emaciation and dysproteinemia] Lańcucki J, et al. **Przegl Dermatol** 1984 Jul-Aug;71(4):353-7 (Eng. Abstr.) **(Pol)**

PATHOLOGY

A syndrome with nodular erythema, elongated and thickened fingers, and emaciation. Kitano Y, et al. **Arch Dermatol** 1985 Aug;121(8):1053-6

PHYSIOPATHOLOGY

Diencephalic syndrome of emaciation (Russell's syndrome). Long-term survival. Namba S, et al. **Surg Neurol** 1985 Jun; 23(6):581-8

EMBALMING

see related
MUMMIES

HISTORY

[Anatomic and histologic presentation of Baron Larrey's entrails] Lefebvre P. **Bull Acad Natl Med (Paris)** 1984 Oct-Nov;168(7-8):747-50 **(Fre)**

EMBLEMS AND INSIGNIA

HISTORY

One snake or two? Rakel RE. **JAMA** 1985 Apr 26; 253(16):2369

EMBOLIC TUMOR CELLS see **NEOPLASM CIRCULATING CELLS**

EMBOLISM

[Embolic occlusion of the inferior vena cava after implantation of a cava filter] Il'in VN, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):46-9 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Atheromatous embolization. Report of two cases with unusual complications. Hanada M, et al. **Acta Pathol Jpn** 1984 Sep;34(5):1167-77

Intramural coronary arteritis from cholesterol emboli: a rare cause of unstable angina preceding sudden death. Teja K, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):168-70

Prenatal death from acute myocardial infarction and cardiac tamponade due to embolus from the placenta. Wolf PL, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):603-5

Hemorrhagic panniculitis caused by atheromatous embolization. A case report and brief review. Day LL, et al. **Am J Dermatopathol** 1984 Oct;6(5):471-8

Renal infarction caused by paradoxical embolism. Herbst AG, et al. **Am J Emerg Med** 1985 May;3(3):206-7

Ischemic optic neuropathy associated with retinal embolism. Tomsak RL. **Am J Ophthalmol** 1985 May 15;99(5):590-2

The 'blue toe' syndrome with renal atheroembolism and failure. Zatuchni J, et al. **Angiology** 1985 Apr;36(4):209-14

The surgical anatomy of the marginal artery [letter] Conder AP. **Ann R Coll Surg Engl** 1985 Mar;67(2):133

Necrotising glomerulonephritis associated with cholesterol microemboli. Goldman M, et al. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):205-6

Free-floating left atrial thrombus and systemic embolization. Sherman W, et al. **Chest** 1985 May;87(5):694-5

Unstable angina with fatal outcome: dynamic coronary thrombosis leading to infarction and/or sudden death. Autopsy evidence of recurrent mural thrombosis with peripheral embolization culminating in total vascular occlusion. Falk E. **Circulation** 1985 Apr;71(4):699-708

Atheroembolic renal disease causes hypocomplementaemia. Cosio FG, et al. **Lancet** 1985 Jul 20;2(8447):118-21

[Acute adrenal insufficiency caused by cholesterol emboli] Chomette G, et al. **Arch Anat Cytol Pathol** 1985;33(3):181-3 (Eng. Abstr.) **(Fre)**

[A successful case of one-stage surgery for mitral stenosis combined with total obstruction of the terminal aorta] Ohike E, et al. **Kyobu Geka** 1984 Sep;37(10):799-803 (Eng. Abstr.) **(Jpn)**

[A case of left ventricular aneurysm of normal coronary arteriogram complicated with multiple arterial embolization] Nagai A, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Nov; 32(11):2008-12 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

Atheromatous embolization. Kiechle FL, et al.

Am J Emerg Med 1983 Nov;1(3):299-301

Central retinal artery occlusion during cardiac catheterization. Stefánsson E, et al. **Am J Ophthalmol** 1985 May 15;99(5):586-9

Embolic potential of left ventricular thrombus after myocardial infarction: a two-dimensional echocardiographic study of 119 patients. Visser CA, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1276-80

Left atrial myxoma with embolic episodes—a case report. Aota M, et al. **Nippon Geka Hokan** 1984 May 1;53(3):511-8

[Acute mesenteric insufficiency] Wang ZG, et al. **Chung Hua I Hsueh Tsa Chih** 1985 May;65(5):284-8 (Eng. Abstr.) **(Chi)**

[Atheromatous embolism. 'Blue toe'] Røder OC. **Ugeskr Laeger** 1984 Sep 19;146(38):2877 (Eng. Abstr.) **(Dan)**

[ERG in embolism of the central retinal artery] Hennekes R, et al. **Fortschr Ophthalmol** 1985;82(3):302 (Eng. Abstr.) **(Ger)**

[Clinical picture of an embolism of the central retinal artery caused by cholesterol crystals] Vodovozov AM. **Klin Monatsbl Augenheilkd** 1984 Sep;185(3):195-7 (Eng. Abstr.) **(Ger)**

[Our experience with embolism and acute arterial thrombosis of the extremities] Emanuelli G, et al. **Minerva Med** 1985 Mar 17;76(11):515-20 **(Ita)**

[Microembolism—an important but often missed diagnosis] Bergqvist D, et al. **Lakartidningen** 1985 Mar 6;82(10):871-3 **(Swe)**

DRUG THERAPY

Acute infarction, left ventricular thrombus and systemic embolization: an approach to management [editorial] Ezekowitz MD. **J Am Coll Cardiol** 1985 Jun;5(6):1281-2

[Experience with thrombolytic therapy using urokinase] de Donato A, et al. **Minerva Cardioangiol** 1984 Jul-Aug;32(7-8):505-14 (Eng. Abstr.) **(Ita)**

ETIOLOGY

Nonsurgical removal of intravascular fragmented catheter. Huang TY, et al. **Am Fam Physician** 1984 Nov;30(5):177-80

Recurrent systemic emboli following myocardial contusion. Dugani BV, et al. **Am Heart J** 1984 Nov;108(5):1354-7

Strut fracture and disk embolization of a Björk-Shiley mitral valve prosthesis. García-Del-Castillo H, et al. **Am J Cardiol** 1985 Feb 15;55(5):597-8

Coronary arterial embolus from left atrial myxoma. Rath S, et al. **Am J Cardiol** 1984 Dec 1;54(10):1392-3

Granulomatous endocarditis with systemic embolism in Behçet's disease. Huycke EC, et al. **Ann Intern Med** 1985 Jun;102(6):791-3

Atrial septal aneurysm—a potential cause of systemic embolism. An echocardiographic study. Gallet B, et al. **Br Heart J** 1985 Mar;53(3):292-7

Embolic retinopathy due to Corynebacterium minutissimum endocarditis. Herschorn BJ, et al. **Br J Ophthalmol** 1985 Jan;69(1):29-31

The CT appearances of hepatic oil embolism following lymphography. Silverstone EJ, et al. **Br J Radiol** 1984 Sep;57(682):779-83

Carotid plaques and retinal emboli: a clinical, angiographic and morphological study. Berkovic SF, et al. **Clin Exp Neurol** 1983;19:177-82

Osler's nodes, pseudoaneurysm formation, and sepsis complicating percutaneous radial artery cannulation. Cohen A, et al. **Crit Care Med** 1984 Dec;12(12):1078-9

Atherosclerotic emboli [letter] Korelitz BI. **Dig Dis Sci** 1985 May;30(5):506

Embolism, thrombosis and anticoagulant haemorrhage in mitral valve disease. A prospective study of patients having valve replacement with the pericardial xenograft. Silverton NP, et al. **Eur Heart J** 1984 Oct;5 Suppl D:19-25

Embolization following acute myocardial infarction. Weinreich DJ, et al. **Int J Cardiol** 1985 Apr;7(4):436-9

Systemic embolism in chronic left ventricular aneurysm: incidence and the role of anticoagulation. Lapeyre AC 3d, et al. **J Am Coll Cardiol** 1985 Sep;6(3):534-8

Arterial thrombosis and embolism in malignancy. Pathanjali Sharma PV, et al. **J Cardiovasc Surg (Torino)** 1985 Sep-Oct;26(5):479-83

Peripheral embolic phenomena from proximal arterial disease. McLean NR, et al. **J R Coll Surg Edinb** 1984 Jul;29(4):205-9

Catheter embolization: causes and prevention [letter] Peters JL. **J R Soc Med** 1985 Jan;78(1):86-7

Hepatic oil embolism following lymphangiography. Lee S. **J Ultrasound Med** 1985 Jul;4(7):357-9

Renal failure after embolization of a prosthetic mitral valve disc and review of systemic disc embolization. Schwarcz TH, et al. **J Vasc Surg** 1985 Sep;2(5):697-702

Absence of distal emboli during in vivo laser recanalization. Case RB, et al. **Lasers Surg Med** 1985;5(3):281-9

Embolization and vessel wall perforation in argon laser recanalization. Choy DS, et al. **Lasers Surg Med** 1985;5(3):297-308

Microemboli: an overview. Clark RE. **Med Instrum** 1985 Mar-Apr;19(2):53-4

Gunshot wound of the brachiocephalic artery with peripheral bullet embolization [letter] Ward RJ, et al. **NY State J Med** 1984 Nov;84(11):543-4

Transient neurological deficits due to embolic occlusion and immediate reopening of the cerebral arteries. Taneda M, et al. **Stroke** 1985 May-Jun;16(3):522-4

Disc and strut embolisation after minor strut fracture in a Björk-Shiley mitral valve prosthesis. Khalil Y, et al. **Thorax** 1985 Feb;40(2):158-9

[Emboligenic abscess of the aortic ring disclosing gonococcal endocarditis. Value of echocardiography] Drui S, et al. **Ann Cardiol Angeiol (Paris)** 1985 Feb;34(2):89-92 (Eng. Abstr.) **(Fre)**

[Multiple pulmonary emboli and paradoxical embolism caused by right-to-left shunt. Value of contrast two-dimensional echocardiography] Taviot B, et al. **Rev Pneumol Clin** 1985;41(1):57-60 (Eng. Abstr.) **(Fre)**

[Peripheral arterial microembolisms—literature review and personal observations] Schmidtke I. **Vasa** 1984;Suppl 12:114-23 (Eng. Abstr.) **(Ger)**

[Rare complication of bone fracture and bone surgery: bone embolism, muscle embolism and bone marrow embolism (case reports)] Nagy A. **Magy Traumatol Orthop Helyreallito Sebesz** 1984;27(4):297-9 (Eng. Abstr.) **(Hun)**

[Peripheral arterial embolic complications in acute myocardial infarct] Bernardi V, et al. **Ann Ital Chir** 1984;56(3):297-304 **(Ita)**

[Systemic embolism in mitral valve disease] Sighieri C, et al. **Boll Soc Ital Cardiol** 1984 Nov;29(11):529-39 (Eng. Abstr.) **(Ita)**

[A case of left femoral artery embolism after ASD patch closure in an adult] Asai Y, et al. **Kyobu Geka** 1985 Apr;38(4):322-5 (Eng. Abstr.) **(Jpn)**

[Pathogenesis of otorhinopathic emboligenic septicemia] Sarafoleanu D, et al. **Rev Chir [Otorinolaringol]** 1984 Jul-Sep;29(3):185-9 (Eng. Abstr.) **(Rum)**

[Femoro-popliteal hydatid embolism and subsequent multiple embolization in a patient with recurring myocardial hydatidosis] Muñoz Fernández J, et al. **Rev Esp Cardiol** 1984 Sep-Oct;37(5):371-4 (Eng. Abstr.) **(Spa)**

[Massive aortic embolism caused by an atrial myxoma] Paz B, et al. **Rev Med Chil** 1984 Nov;112(11):1146-8 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Low complement in atheroembolic disease [editorial] **Lancet** 1985 Jul 20;2(8447):136

METABOLISM

Acute embolization of the uteroplacental circulation: uterine blood flow and placental CO diffusing capacity. Boyle JW, et al. **J Dev Physiol** 1984 Aug;6(4):377-86

MICROBIOLOGY

Hyphal forms of Histoplasma capsulatum. A common manifestation of intravascular infections. Hutton JP, et al. **Arch Pathol Lab Med** 1985 Apr;109(4):330-2

MORTALITY

Acute nontraumatic extremity ischaemia in Sweden. A one-year survey. Dryjski M, et al. **Acta Chir Scand** 1985;151(4):333-9

OCCURRENCE

[Arterial embolisms in surgical heart patients] Milev M, et al. **Khirurgiia (Sofiia)** 1984;37(4):250-2 **(Bul)**

[Risk factors in central arterial occlusion of the retina] Segal N, et al. **Rev Chir [Oftalmol]** 1984 Jul-Sep;28(3):175-80 (Eng. Abstr.) **(Rum)**

PATHOLOGY

Embolic tubular epithelial cells in percutaneous renal biopsies. Yamase HT, et al. **Am J Clin Pathol** 1985 Jun;83(6):716-9

Malignant tumors and embolizing paraneoplastic endocarditis. Ondriaš F, et al. **Neoplasma** 1985;32(1):135-40

[Coronary embolism. Apropos of 61 anatomo-clinical cases] Loire R, et al. **Arch Mal Coeur** 1985 Jun;78(6):821-7 (Eng. Abstr.) **(Fre)**

PREVENTION & CONTROL

Impending paradoxical embolism from atrial thrombus: correct diagnosis by transesophageal echocardiography and prevention by surgery. Nellessen U, et al. **J Am Coll Cardiol** 1985 Apr;5(4):1002-4

[Surgery in infective endocarditis as prophylaxis against impending embolism—two-dimensional echocardiographic study] Shigenobu M, et al. **Kyobu Geka** 1985 Mar;38(3):195-9 (Eng. Abstr.) **(Jpn)**

[Origin and importance of particles causing microembolisms and the clinical effectiveness of using filters in artificial circulation apparatus. III. Blood filters in open-heart surgery using artificial circulation] Brause W, et al. **Med Tekh** 1985 Mar-Apr;(2):57-61 **(Rus)**

RADIOGRAPHY

Bullet embolism with radiologic documentation. A case report. Adelson L. **Am J Forensic Med Pathol** 1984 Sep;5(3):253-6

Bullet wounds of the left lower chest and arterial bullet embolism. Sherlock DJ, et al. **J R Coll Surg Edinb** 1984 Jul;29(4):214-7

[Embolism of the intrahepatic portal vein] Grabbe E, et al. **ROFO** 1984 Oct;141(4):461-3 **(Ger)**

RADIONUCLIDE IMAGING

Radioisotopic techniques for noninvasive detection of platelet deposition in bovine-tissue mitral-valve prostheses and in vitro quantification of visceral microembolism in dogs. Dewanjee MK, et al. **Invest Radiol** 1984 Nov-Dec;19(6):535-42

SURGERY

Local intra-arterial streptokinase therapy for acute peripheral arterial occlusions. Should thrombolytic therapy replace embolectomy? Kolts RL, et al. **Am Surg** 1985 Jul;51(7):381-7

Recent experience with arterial embolism of the limbs in a vascular unit. Galbraith K, et al. **Ann R Coll Surg Engl** 1985 Jan;67(1):30-3

Arterio-venous fistula in the lower limb in consequence of Fogarty balloon catheter embolectomy. Case report and review of the literature. Shifrin EG, et al. **J Cardiovasc Surg (Torino)** 1985 May-Jun;26(3):310-3

Balloon embolectomy catheters in small arteries: a technique to prevent excessive shear forces. Dobrin PB, et al. **J Vasc Surg** 1985 Sep;2(5):692-6

[Surgical treatment of acute arterial embolism] Wang ZG. **Chung Hua Wai Ko Tsa Chih** 1984 May;22(5):284-8 (Eng. Abstr.) **(Chi)**

[A simple instrument we constructed for arterial embolectomy] Tomeček J. **Rozhl Chir** 1985 Jan;64(1):57-60 (Eng. Abstr.) **(Cze)**

[Partial interruption of the inferior vena cava by an endovenous filter. Apropos of 98 patients] Scordia P, et al. **Arch Mal Coeur** 1985 Feb;78(2):225-32 (Eng. Abstr.) **(Fre)**

[Symptoms and therapy of aortic bifurcation embolism] Bätz W, et al. **Chirurg** 1985 Mar;56(3):166-9 (Eng. Abstr.) **(Ger)**

[Our experience in the treatment of acute ischemia of the extremities: thromboembolectomy] Agus G. **Ann Ital Chir** 1984;56(6):583-91 (Eng. Abstr.) **(Ita)**

[Apropos of 59 cases of peripheral arterial embolisms] Schubert L, et al. **Chir Ital** 1984 Feb;36(1):144-8 (Eng. Abstr.) **(Ita)**

[Case of a positive result in treating acute obstruction of the central retinal artery by a new surgical method] Voloshinov DB, et al. **Oftalmol Zh** 1984;(7):443-4 **(Rus)**

[Effect of collateral blood flow on the effectiveness of embolectomy in an experiment and in clinical practice] Poluéktov LV, et al. **Vestn Khir** 1984 Oct;133(10):69-71 (Eng. Abstr.) **(Rus)**

[Our experience in 202 embolectomies of the upper limbs] La Marca G, et al. **Angiologia** 1985 May-Jun;37(3):106-10 (Eng. Abstr.) **(Spa)**

THERAPY

Embolism of the popliteal artery. Abbott WM, et al. **Surg Gynecol Obstet** 1984 Dec;159(6):533-6

[Embolectomy of arterial embolism of the lower extremities by balloon catheters] Zhu SQ, et al. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Jun;12(2):108 **(Chi)**

[Therapy of acute peripheral arterial obstructions] Agrifoglio G. **Minerva Med** 1985 Mar 17;76(11):471-4 **(Ita)**

VETERINARY

[Spinal cord infarction following fibrocartilaginous embolism in the dog and cat] Bichsel P, et al. **Schweiz Arch Tierheilkd** 1984 Aug;126(8):387-97 (Eng. Abstr.) **(Fre)**

EMBOLISM, AIR

BLOOD

[Role of thromboxane A2 in pulmonary air embolism in conscious sheep] Fukushima M, et al. **Kokyu To Junkan** 1985 May;33(5):633-7 **(Jpn)**

CHEMICALLY INDUCED

Hydrogen peroxide may cause venous oxygen embolism [letter] Shah J, et al. **Anesthesiology** 1984 Nov;61(5):631-2

COMPLICATIONS

Air embolism—non cardiogenic pulmonary edema. Shikhani AM, et al. **Middle East J Anaesthesiol** 1984 Oct;7(6):425-36

[Role of pulmonary air embolism in the etiology of cerebral, cardiac and pulmonary complications after operations with artificial blood circulation] Putov NV, et al. **Vestn Khir** 1985 Feb;134(2):15-9 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

A comparison of the sensitivity of pulmonary artery pressure, end-tidal carbon dioxide, and end-tidal nitrogen in the detection of venous air embolism in the dog. Drummond JC, et al. **Anesth Analg** 1985 Jul;64(7):688-92

Identification of patent foramen ovale during sitting position craniotomy by transesophageal echocardiography with positive airway pressure. Cucchiara RF, et al.

Anesthesiology 1985 Jul;63(1):107–9

Sensitivity of end-tidal nitrogen in venous air embolism detection in dogs. Matjasko J, et al. **Anesthesiology** 1985 Oct;63(4):418–23

Detection of air emboli in the left heart by M-mode transesophageal echocardiography following cardiopulmonary bypass. Oka Y, et al. **Anesthesiology** 1985 Jul;63(1):109–13

False-positive abrupt decrease in EtCO2 during craniotomy in the sitting position [letter] Ornstein E. **Anesthesiology** 1985 Apr;62(4):542

Air embolism during craniotomy in the seated position: a comparison of methods for detection. Symons NL, et al. **Can Anaesth Soc J** 1985 Mar;32(2):174–7

Rapid detection of venous air embolism by mass spectrometry during bone marrow harvesting. Mangan KF, et al. **Exp Hematol** 1985 Aug;13(7):639–40

Ultrasonographic identification of portal vein gas. Laing FC, et al. **JCU** 1984 Oct;12(8):512–4

Qualitative and quantitative methods for investigating gas emboli in blood. Richardson PD. **Med Instrum** 1985 Mar–Apr;19(2):55–8

Neurologic presentation of decompression sickness and air embolism in sport divers. Dick AP, et al. **Neurology** 1985 May;35(5):667–71

ETIOLOGY

Air embolism due to the Mayfield skull clamp. De Lange JJ, et al. **Acta Anaesthesiol Belg** 1984 Sep;35(3):237–41

Hepatic portal venous gas after colonoscopy in granulomatous colitis. Huycke A, et al. **Am J Gastroenterol** 1985 Aug;80(8):637–8

Venous air embolism. Life-threatening complication of orogenital sex during pregnancy. Fyke FE 3d, et al. **Am J Med** 1985 Feb;78(2):333–6

Air embolism via a pulmonary artery catheter introducer [letter] Bristow A, et al. **Anesthesiology** 1985 Sep;63(3):340–2

Safety of the sitting position [letter] Cucchiara RF. **Anesthesiology** 1984 Dec;61(6):790

Gas embolism produced by hydrogen peroxide irrigation of an anal fistula during anesthesia. Tsai SK, et al. **Anesthesiology** 1985 Sep;63(3):316–7

Carbon dioxide embolism during laparoscopy and hysteroscopy. Gomar C, et al. **Ann Fr Anesth Reanim** 1985;4(4):380–2

Cerebral air embolism resulting from invasive medical procedures. Treatment with hyperbaric oxygen. Murphy BP, et al. **Ann Surg** 1985 Feb;201(2):242–5

Air embolism during neurosurgery in children. Prust R, et al. **Ariz Med** 1985 May;42(5):311–3

Air embolism during liver transplantation [letter] Kutt JL, et al. **Can Anaesth Soc J** 1984 Nov;31(6):713–4

Diving medicine. Kizer KW. **Emerg Med Clin North Am** 1984 Aug;2(3):513–30

Air embolism: a serious hazard of central venous catheter systems. Peters JL, et al. **Intensive Care Med** 1984;10(5):261–2

Massive arterial air embolism during cardiopulmonary bypass. Ghosh PK, et al. **J Cardiovasc Surg (Torino)** 1985 May–Jun;26(3):248–50

Air embolism in the operating room. Little VM, et al. **J Neurosurg Nurs** 1985 Jun;17(3):164–8

Air embolization during autotransfusion for abdominal trauma. Bretton P, et al. **J Trauma** 1985 Feb;25(2):165–6

Air embolism, a new complication of percutaneous nephrolithotomy. What are the implications? Miller RA, et al. **J Urol (Paris)** 1984;90(5):337–9

Transposition of venous contrast into the arteries [letter] Butler BD, et al. **JCU** 1985 Jan;13(1):71–2

Air embolism caused by rupture of a silicone central venous catheter. Haavik PE, et al. **JPEN** 1984 Sep–Oct;8(5):579–80

A clinical evaluation of the gas transfer characteristics and gaseous microemboli production of two bubble oxygenators. Pearson DT, et al. **Life Support Syst** 1984 Oct–Dec;2(4):252–66

Biophysical aspects of gas bubbles in blood. Butler BD. **Med Instrum** 1985 Mar–Apr;19(2):59–62

Gaseous microemboli: sources, causes, and clinical considerations. Kurusz M. **Med Instrum** 1985 Mar–Apr;19(2):73–6

The bubble oxygenator as a source of gaseous microemboli. Yost G. **Med Instrum** 1985 Mar–Apr;19(2):67–9

Venous air embolism: case report and review. Raskin JM, et al. **Mt Sinai J Med** (NY) 1985 May;52(5):367–70

Intraventricular pneumocephalus secondary to subcutaneous emphysema: a case report. Horton DD, et al. **Neurosurgery** 1984 Oct;15(4):557–8

Air embolism through a ventriculoatrial shunt during posterior fossa operation: case report. Nehls DG, et al. **Neurosurgery** 1985 Jan;16(1):83–4

A search for ultrasonic cavitation within the canine cardiovascular system. Gross DR, et al. **Ultrasound Med Biol** 1985 Jan–Feb;11(1):85–97

[Effects of the type of respiration (spontaneous, assisted, with positive expiratory pressure) on the frequency of gas embolism in sitting position surgery] Hachet JL, et al. **Agressologie** 1984 May;25(6):683–4 (Eng. Abstr.) (Fre)

[A case of paradoxical gas embolism] Panagia C, et al. **Agressologie** 1985 May;26(5):449–51 (Fre)

[Central venous air embolism in an artificially respirated premature infant with respiratory distress syndrome] Gortner L, et al. **Klin Padiatr** 1984 Nov–Dec;196(6):385–7 (Eng. Abstr.) (Ger)

[Air embolism as a rare occurrence of the air leakage complex in premature infants on artificial respiration] Freudenberg V, et al. **Monatsschr Kinderheilkd** 1984 Dec;132(12):913–4 (Eng. Abstr.) (Ger)

[Systemic air embolism secondary to respiratory therapy in the newborn] Toischer HP, et al. **ROFO** 1984 Oct;141(4):414–7 (Eng. Abstr.) (Ger)

[Pulmonary gas embolism in laparoscopy—a rare complication] Siegismund K, et al. **Zentralbl Gynakol** 1985;107(7):435–9 (Eng. Abstr.) (Ger)

[Massive air embolism during cardiopulmonary bypass—a case report of successful management by temporary retrograde perfusion through the superior vena cava] Noritake S, et al. **Kyobu Geka** 1985 Apr;38(4):274–7 (Eng. Abstr.) (Jpn)

[Rare complication after removal of the catheter from the subclavian vein] Svetoch AA, et al. **Vestn Khir** 1985 May;134(5):144–5 (Rus)

OCCURRENCE

Air embolism in the achondroplastic dwarf. Katz J, et al. **Anesthesiology** 1985 Aug;63(2):205–7

PATHOLOGY

Quantification of damage by air emboli to lung microvessels in anesthetized sheep. Albertine KH, et al. **J Appl Physiol** 1984 Nov;57(5):1360–8

Development and regression of pulmonary arterial lesions after experimental air embolism. A light and electronmicroscopic study. Balk AG, et al. **Virchows Arch [A]** 1985;406(2):203–12

[Method of postmortem diagnosis of air embolism of the cerebral arteries] Krymskii LD, et al. **Sud Med Ekspert** 1985 Jan–Mar;28(1):43–5 (Eng. Abstr.) (Rus)

PHYSIOPATHOLOGY

Central venous and pulmonary artery occlusion pressures following air embolism in upright sheep. Pfitzner J, et al. **Anaesth Intensive Care** 1984 Nov;12(4):329–33

Transpulmonary passage of venous air emboli. Butler BD, et al. **J Appl Physiol** 1985 Aug;59(2):543–7

[Diagnostic and prognostic significance of hemodynamic and respiratory parameters in venous air embolism] Müller H, et al. **Anaesthesist** 1984 Oct;33(10):493–8 (Eng. Abstr.) (Ger)

[Pulmonary vascular injury induced by air embolization] Ohkuda K, et al. **Kokyu To Junkan** 1985 May;33(5):627–31 (Jpn)

PREVENTION & CONTROL

New problem leaks out [letter] Riley R. **Anesthesiology** 1985 Jan;62(1):96–7

Intravenous fluid loading as prophylaxis for paradoxical air embolism. Colohan AR, et al. **J Neurosurg** 1985 Jun;62(6):839–42

Microbubble detection during cardiopulmonary bypass for open-heart surgery. Furness A, et al. **Life Support Syst** 1985 Apr–Jun;3(2):103–9

Removal of gaseous microemboli from extracorporeal circulation. Pascale F. **Med Instrum** 1985 Mar–Apr;19(2):70–2

Product design and its relation to the generation of gaseous microemboli in the extracorporeal circuit. Servas FM. **Med Instrum** 1985 Mar–Apr;19(2):63–6

[Use of Doppler ultrasonics in the prevention of gas emboli in surgery of the posterior fossa. Visualization of the phenomenon on a cathode screen] Dardenne G. **Agressologie** 1985 May;26(5):445–6 (Fre)

[Prevention of gas embolism during orthostatic surgery: prefatory remarks on the role of PEEP and anesthetic pharmacology] Hachet JL, et al. **Agressologie** 1985 May;26(5):441–3 (Eng. Abstr.) (Fre)

[Influence of the position of the patient on intracranial pressure, cerebral perfusion pressure and prevention of gas embolism] Van Aken J, et al. **Agressologie** 1984 May;25(6):671–3 (Fre)

RADIOGRAPHY

Initial coronary air embolus in the differential diagnosis of coronary artery spasm. Heupler FA Jr, et al. **Am J Cardiol** 1985 Mar 1;55(6):657–61

RADIONUCLIDE IMAGING

Rapid resolution of perfusion/ventilatory abnormalities in pulmonary air embolism. Singh A, et al. **Clin Nucl Med** 1985 May;10(5):327–9

THERAPY

Controlled neck compression in neurosurgery. Studies on venous air embolism in upright sheep. Pfitzner J, et al. **Anaesthesia** 1985 Jul;40(7):624–9

Air embolism [letter] **Br Med J [Clin Res]** 1985 Aug 10;291(6492):408

Treatment of air embolism with hyperbaric oxygen. Ireland A, et al. **Br Med J [Clin Res]** 1985 Jul 13;291(6488):106–7

Cerebral arterial air embolism: I. Is there benefit in beginning HBO treatment at 6 bar? Leitch DR, et al. **Undersea Biomed Res** 1984 Sep;11(3):221–35

Cerebral arterial air embolism: III. Cerebral blood flow after decompression from various pressure treatments. Leitch DR, et al. **Undersea Biomed Res** 1984 Sep;11(3):249–63

Cerebral arterial air embolism: II. Effect of pressure and time on cortical evoked potential recovery. Leitch DR, et al. **Undersea Biomed Res** 1984 Sep;11(3):237–48

Cerebral arterial air embolism: IV. Failure to recover with treatment, and secondary deterioration. Leitch DR, et al. **Undersea Biomed Res** 1984 Sep;11(3):265–74

[Importance of artificial ventilation in the treatment of patients with the fat embolism syndrome] Marenović T, et al. **Vojnosanit Pregl** 1984 May–Jun;41(3):195–8 (Ser)

EMBOLISM, AMNIOTIC FLUID

Amniotic fluid embolism. Three case reports with a review of the literature. Price TM, et al. **Obstet Gynecol Surv** 1985 Jul;40(7):462–75

[Amniotic fluid embolism in multiple pregnancy in the second trimester of gestation] Margan I, et al. **Jugosl Ginekol Opstet** 1984 Jan–Apr;24(1–2):29–32 (Eng. Abstr.) (Ser)

COMPLICATIONS

Cryoprecipitate therapy in amniotic fluid embolization [letter] Masson RG. **Am J Med** 1985 Jul;79(1):A45, A48

Retinal arteriolar occlusions following amniotic fluid embolism. Chang M, et al. **Ophthalmology** 1984 Dec;91(12):1634–7

[Determination of the heparin dose for preventing thrombohemorrhagic complications caused by amniotic fluid embolism] Byshevskii ASh, et al. **Lab Delo** 1985;(2):99–101 (Eng. Abstr.) (Rus)

DIAGNOSIS

Amniotic fluid embolism. Ahmed P, et al. **NY State J Med** 1985 Jun;85(6):267–9

Amniotic fluid embolism. Bates ME, et al. **NY State J Med** 1985 Jun;85(6):265–7

DRUG THERAPY

Heparin therapy in the primary phase of amniotic fluid embolism [letter] Uszyński M. **Thromb Haemost** 1984 Dec 29;52(3):362

[Favorable result of the use of heparin in 2 cases of amniotic fluid embolism] Uszyński M, et al. **Ginekol Pol** 1984 Aug;55(8):625–30 (Eng. Abstr.) (Pol)

ETIOLOGY

Amniotic fluid embolism: an overview and case report. Mulder JI. **Am J Obstet Gynecol** 1985 Jun 15;152(4):430–5

Amniotic fluid activates complement. A role in amniotic fluid embolism syndrome? Hammerschmidt DE, et al. **J Lab Clin Med** 1984 Dec;104(6):901–7

PHYSIOPATHOLOGY

Hemodynamic alterations associated with amniotic fluid embolism: a reappraisal. Clark SL, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):617–21

PREVENTION & CONTROL

Amniotic fluid embolism: prophylaxis with heparin and aspirin. Strickland MA, et al. **South Med J** 1985 Apr;78(4):377–9

THERAPY

Amniotic fluid embolism and emergency cardiac care [letter] **Ann Emerg Med** 1984 Dec;13(12):1172–3

Amniotic fluid embolism. Killam A. **Clin Obstet Gynecol** 1985 Mar;28(1):32–6

EMBOLISM, FAT

COMPLICATIONS

Cholesterol emboli causing acute gangrenous cholecystitis. Thomas W Jr, et al. **Mt Sinai J Med** (NY) 1984 Dec;51(6):716–7

[Adult respiratory distress syndrome and fat embolism. Case report] Stanojević M, et al. **Vojnosanit Pregl** 1984 Nov–Dec;41(6):501–3 (Ser)

DIAGNOSIS

Cerebral fat embolism. Findlay JM, et al. **Can Med Assoc J** 1984 Oct 1;131(7):755–7

Fat embolism syndrome. **West J Med** 1984 Oct;141(4):501–5

[The diagnosis of fat embolism syndrome] Kjaergård H. **Ugeskr Laeger** 1985 Mar 18;147(12):1025–9 (Eng. Abstr.) (Dan)

[Problem of the clinical manifestations of the syndrome of post-traumatic dyslipidemic coagulopathy in patients with bone injuries] Kokha RA. **Ortop Travmatol Protez** 1985 Jun;(6):16–8 (Eng. Abstr.) (Rus)

ETIOLOGY

Neonatal fat embolism and agglutination of intralipid. Mughal MZ, et al. **Arch Dis Child** 1984 Nov;59(11):1098–9

Pulmonary fat accumulation after parenteral fat emulsion—real or artifactual? **Nutr Rev** 1985 Jan;43(1):15–7 (3 ref.)

Retinal lesions following long bone fractures. Chuang EL, et al. **Ophthalmology** 1985 Mar;92(3):370–4

[Significance of fat globulinemia in the pathogenesis, onset and development of traumatic fat embolisms] Kroupa J. **Sb Lek** 1984 Jun;86(5–6):151–62 (Eng. Abstr.) (Cze)

[Posttraumatic fat embolism] Bouffard Y, et al. **Ann Fr Anesth Reanim** 1984;3(5):335–8 (Eng. Abstr.) (Fre)

[Sealing of hinged prostheses of the knee: an important vital risk] Couderc E, et al. **Cah Anesthesiol** 1984 Mar;32(2):139–42 (Fre)

[Fat embolism of retinal arteries following acute pancreatitis] Hackelbusch R. **Klin Monatsbl Augenheilkd** 1984 Jul;185(1):50–2 (Eng. Abstr.) (Ger)

PATHOLOGY

Bone marrow emboli versus fat emboli as the cause of unexpected death. Perrot LJ, et al. **J Forensic Sci** 1985 Apr;30(2):338–44

THERAPY

[Our experience in the treatment of posttraumatic fat embolism] Pashchuk AIu, et al. **Ortop Travmatol Protez** 1984 Oct;(10):44–6 (Rus)

EMBOLISM, TUMOR see NEOPLASM CIRCULATING CELLS

EMBOLIZATION, THERAPEUTIC

Embolization of medullary carcinoma of the thyroid invading the trachea. Report of a case. Beers GJ, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Jan–Feb;26(1):21–3

Transcatheter embolization of multiple pulmonary artery aneurysms in Behçet's syndrome. Report of a case. Lacombe P, et al. **Acta Radiol [Diagn] (Stockh)** 1985 May–Jun;26(3):251–3

Combined transcatheter arterial embolization and regional chemotherapy for locally advanced carcinoma of the breast. A preliminary investigation. Morimoto K, et al. **Acta Radiol [Oncol]** 1985 May–Jun;24(3):241–5

Arteriovenous malformations of the spinal cord. Yaşargil MG, et al. **Adv Tech Stand Neurosurg** 1984;11:61–102

Percutaneous transluminal carotid angioplasty and detachable balloon embolization in fibromuscular dysplasia. Dublin AB, et al. **AJNR** 1984 Sep–Oct;5(5):646–8

Rolandic arteriovenous malformations: improvement in limb function by IBC embolization. Fox AJ, et al. **AJNR** 1985 Jul–Aug;6(4):575–82

Avoiding intraarterial balloon detachment in the treatment of posttraumatic carotid–cavernous fistulae with detachable balloons. Graeb DA, et al. **AJNR** 1985 Jul–Aug;6(4):602–3

Therapeutic embolization for vascular headache [letter] Horton JA, et al. **AJNR** 1985 Mar–Apr;6(2):299

Polyvinyl alcohol sponge for embolotherapy: particle size and morphology. Jack CR Jr, et al. **AJNR** 1985 Jul–Aug;6(4):595–7

Iliac artery rupture during transluminal angioplasty: treatment by embolization and surgical bypass. Jensen SR, et al. **AJR** 1985 Aug;145(2):381–2

Splenic embolization for hypersplenism using steel coils. Yoshioka H, et al. **AJR** 1985 Jun;144(6):1269–74

Spermatic vein occlusion as treatment for testicular varicoceles. Coyle MJ, et al. **Ala J Med Sci** 1985 Jul;22(3):298–300

Simultaneous percutaneous transluminal coronary angioplasty and transcatheter embolization of iatrogenic aortocoronary vein fistula. Goldbaum TS, et al. **Am J Cardiol** 1985 Feb 15;55(5):578–80

Partial splenic embolization as an emergency treatment for uncontrollable variceal bleeding: a case report. Iwamoto S, et al. **Am J Gastroenterol** 1985 May;80(5):387–90

Angiographic arterial embolization in the management of postoperative vaginal hemorrhage. Rosenthal DM, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):227–31

Primary management of postpartum vulvovaginal hematomas by angiographic embolization. Heffner LJ, et al. **Am J Perinatol** 1985 Jul;2(3):204–7

Embolization of a sciatic artery aneurysm an alternative to surgery: a case report. Loh FK. **Angiology** 1985 Jul;36(7):472–6

Therapeutic embolization of hemangiomas and hemangioendotheliomas of the liver in infants. A hemodynamics study. Mazoit JX, et al **Ann Radiol (Paris)** 1985;28(3–4):283–8 (Eng, Fre)

Massive hematuria following percutaneous biopsy of renal allograft. Successful control by selective embolization. Horowitz MD, et al. **Arch Surg** 1984 Dec;119(12):1430–3

Embolic control of massive haematobilia after liver biopsy. Doyle T, et al. **Australas Radiol** 1985 Feb;29(1):35–8

Arteriography and selective embolisation in the control of life-threatening haemorrhage following facial fractures. Mehrotra ON, et al. **Br J Plast Surg** 1984 Oct;37(4):482–5

Therapeutic ureteric embolisation. Hennessy OF, et al. **Br J Radiol** 1984 Dec;57(684):1151–3

Locally recurrent hypernephroma treated by radiation therapy and embolization. A report of two cases. Nickolisen R, et al. **Cancer** 1985 Sep 1;56(5):1049–51

Infusion-embolization. Wallace S, et al. **Cancer** 1984 Dec 1;54(11 Suppl):2751–65 (139 ref.)

Case report of translumbar renal angiography and embolization. Bechtel W, et al. **Cardiovasc Intervent Radiol** 1984;7(5):232–3

Nonsurgical treatment of childhood hypertension: embolization of an intrarenal aneurysm. D'Souza VJ, et al. **Cardiovasc Intervent Radiol** 1984;7(5):229–31

Blood supply of experimental liver tumors after intraarterial embolization with gelfoam powder and absolute ethanol. Ekelund L, et al. **Cardiovasc Intervent Radiol** 1984;7(5):234–9

Intraarterial ethanol as a long-term occlusive agent in renal, hepatic, and gastrosplenic arteries of pigs. Latshaw RF, et al. **Cardiovasc Intervent Radiol** 1985;8(1):24–30

Percutaneous closure of a Blalock–Taussig shunt. Morag B, et al. **Cardiovasc Intervent Radiol** 1984;7(5):218–20

Case report of a complication of coil placement during transvenous embolization of spermatic veins. Notman D, et al. **Cardiovasc Intervent Radiol** 1984;7(5):251–2

Embolotherapy of a mycotic pseudoaneurysm of the internal mammary artery in chronic granulomatous disease. Sanchez FW, et al. **Cardiovasc Intervent Radiol** 1985;8(1):43–5

Hemorrhagic renal angiomyolipoma: superselective renal arterial embolization for preservation of renal function. Sanchez FW, et al. **Cardiovasc Intervent Radiol** 1985;8(1):39–42

Liver necrosis after hepatic dearterialization in pigs. Stridbeck H, et al. **Cardiovasc Intervent Radiol** 1985;8(1):50–3

Development of collateral circulation following distal embolization of hepatic artery in pigs. Stridbeck H, et al. **Cardiovasc Intervent Radiol** 1984;7(5):240–4

Embolisation of cerebral arteriovenous malformations. McManis PG, et al. **Clin Exp Neurol** 1983;19:159–70

Percutaneous transcatheter infusion and infarction in the treatment of human cancer: Part II. Wallace S, et al. **Curr Probl Cancer** 1984 Dec;8(18):1–76 (156 ref.)

Ethanol embolization of a renal tumor, complicated by colonic infarction. Teertstra HJ, et al. **Diagn Imag Clin Med** 1984;53(5):250–4

Transcatheter arterial embolization of ruptured hepatocellular carcinoma associated with liver cirrhosis. Nouchi T, et al. **Dig Dis Sci** 1984 Dec;29(12):1137–41

Transcatheter embolization of renal tumors with I-125 particles. Lang EK. **Digitale Bilddiagn** 1984 Dec;4(4):165–70

Embolization in the treatment of massive hemoptysis in patients with cystic fibrosis. Stankiewicz JA, et al. **Ear Nose Throat J** 1985 Apr;64(4):180–4

Percutaneous management of iatrogenic arterial venous fistulas by coil spring occlusion. Keller FS, et al. **Eur J Radiol** 1985 Aug;5(3):202–5

Embolization of pelvic bone metastases from renal cell carcinoma. Braedel HU, et al. **Eur Urol** 1984;10(6):380–4

Evaluation of conservative therapeutic modalities for hepatocellular carcinoma—analysis of 206 cases. Ando K. **Gastroenterol Jpn** 1984 Oct;19(5):436–46

Benefit of transcatheter arterial embolization for ruptured hepatocellular carcinoma complicating liver cirrhosis. Sato Y, et al. **Gastroenterology** 1985 Jul;89(1):157–9

Aneurysmal bone cyst of the ischium. Cisneros AJ, et al. **Int Orthop** 1985;9(1):49–54

Transcatheter renal artery embolization in the treatment of infected cutaneous ureterostomy. Greenstein A, et al. **Int Surg** 1985 Jan–Mar;70(1):85–6

Organ ablation by fluid emboli. An experimental study comparing two solidifying liquids. Barth KH, et al. **Invest Radiol** 1984 Nov–Dec;19(6):517–22

Renal ablation with absolute ethanol. Mechanism of action. Ellman BA, et al. **Invest Radiol** 1984 Sep–Oct;19(5):416–23

Alteration in starch microsphere degradation following contrast angiography in the dog kidney. Mir S, et al. **Invest Radiol** 1984 Mar–Apr;19(2):119–22

Transcatheter ablation of renal tumors. Rosenthal RE, et al. **J Am Osteopath Assoc** 1984 Oct;84(2):191–7

Transhepatic obliteration of esophageal varices using stainless coils combined with hypertonic glucose and gelfoam. Ohnishi K, et al. **J Clin Gastroenterol** 1985 Jun;7(3):200–7

Embolotherapy in the treatment of congenital arteriovenous malformations of the hand: a case report. Moore JR, et al. **J Hand Surg [Am]** 1985 Jan;10(1):135–9

Morphological studies of human arteriovenous malformations. Effects of isobutyl 2-cyanoacrylate embolization. Klara PM, et al. **J Neurosurg** 1985 Sep;63(3):421–5

Use of balloon occlusion and substances to protect ischemic brain during resection of posterior fossa AVM. Case report. Suzuki J, et al. **J Neurosurg** 1985 Oct;63(4):626–9

Emergency embolization in posttraumatic hemobilia in a child. Brunelle F, et al. **J Pediatr Surg** 1985 Apr;20(2):172–4

Embolisation of a massively bleeding hepatoma. A delayed sequel to needle biopsy. Templeton JL, et al. **J R Coll Surg Edinb** 1985 Apr;30(2):128–9

Induced thrombosis of abdominal aortic aneurysm. Campion ML, et al. **J R Soc Med** 1985 Jan;78(1):72–4

Interventional radiology—intra-arterial therapy. Wallace S. **J Radiol** 1984 Jun–Jul;65(6–7):499–508 (106 ref.)

Embolization of the liver in the management of metastatic carcinoid tumors. Mårtensson H, et al. **J Surg Oncol** 1984 Nov;27(3):152–8

The value of transvascular embolization in the treatment of renal carcinoma. Christensen K, et al. **J Urol** 1985 Feb;133(2):191–3

Renal artery embolization to control urinary cutaneous fistula after partial resection of a horseshoe kidney. Freeman MP, et al. **J Urol** 1985 Apr;133(4):662–3

Preoperative angioinfarction of localized renal cell carcinoma using absolute ethanol. Klimberg I, et al. **J Urol** 1985 Jan;133(1):21–4

Percutaneous transcatheter embolization for arterial trauma. Panetta T, et al. **J Vasc Surg** 1985 Jan;2(1):54–64

Rupture of surgically thrombosed abdominal aortic aneurysm. Schanzer H, et al. **J Vasc Surg** 1985 Mar;2(2):278–80

Percutaneous transcatheter embolization of lesions of the extremities. Train JS, et al. **J Vasc Surg** 1984 Sep;1(5):710–7

Comparative study of therapeutic effects of transcatheter arterial embolization and of intra-arterial one shot injection therapy against hepatocellular carcinoma. Yamamoto S, et al. **Jpn J Med** 1985 Feb;24(1):83–4

Creatine kinase isoenzymes: biochemical findings after therapeutical embolization of the hepatic artery in two patients with liver metastasis of an islet cell carcinoma or a carcinoid tumor. SiragEldin E, et al. **Klin Wochenschr** 1985 Mar 15;63(6):257–61

Therapeutic embolisation of the hepatic artery: a review of 75 procedures. Allison DJ, et al. **Lancet** 1985 Mar 16;1(8429):595–9

Blood pressure changes after embolisation of host kidney in renal transplant patients [letter] Huysmans FT, et al. **Lancet** 1985 Feb 9;1(8424):344

Treatment of hemoptysis via bronchial artery embolization. Tafreshi M, et al. **NY State J Med** 1985 Jan;85(1):38–40

Hepatic rupture associated with pregnancy: treatment with transcatheter embolotherapy. Loevinger EH, et al. **Obstet Gynecol** 1985 Feb;65(2):281–4

Sclerosing hepatic carcinoma: a report of a case treated with a transcatheter arterial embolization. Ohtomo K, et al. **Radiat Med** 1984 Apr–Jun;2(2):104–7

Diagnosis and treatment of a delayed sequel to biopsy of a hepatoma. McCandless E, et al. **Radiography** 1985 Jan–Feb;51(595):51–4

Partial splenic embolization in children with hypersplenism. Kumpe DA, et al. **Radiology** 1985 May;155(2):357–62

Clinical versus subclinical varicocele: venographic findings and improvement of fertility after embolization. Marsman JW. **Radiology** 1985 Jun;155(3):635–8

Control of carcinoid syndrome with hepatic artery embolization. Mitty HA, et al. **Radiology** 1985 Jun;155(3):623–6

Hepatoma, arterioportal shunting, and hyperkinetic portal hypertension: therapeutic embolization. Morse SS, et al. **Radiology** 1985 Apr;155(1):77–82

Gluteal artery occlusion: intra-arterial chemotherapy of pelvic neoplasms. Woods D, et al. **Radiology** 1985 May;155(2):341–3

Angiography and embolization of the corona mortis (aberrant obturator artery). A source of persistent pelvic bleeding. Marsman JW, et al. **ROFO** 1984 Dec;141(6):708–10

Posttranscatheter embolization computed tomography in hepatocellular carcinoma. Evaluation of embolization effects. Yasumori K, et al. **ROFO** 1984 Dec;141(6):649–53

Pelvic arteriography in obstetrics and gynecology: arteriovenous fistulas and embolization. Schneider GT. **South Med J** 1984 Dec;77(12):1494–7

Port wine nevus associated with ipsilateral saccular aneurysms: treatment by intraarterial balloon trapping. Reid TL, et al. **Surg Neurol** 1985 May;23(5):541–4

Partial splenic embolization, an alternative to splenectomy—results of a prospective, randomized study. Mozes MF, et al. **Surgery** 1984 Oct;96(4):694–702

Selective embolization of vascular complications following renal biopsy of the transplant kidney. Baquero A, et al. **Transplant Proc** 1985 Apr;17(2):1751–4

Lymph node dissection, renal artery embolization and other aspects of the management of renal carcinoma. Chisholm GD, et al. **Turk J Pediatr** 1984;26(1–4):211–9

Characterization of effector cells mediating the augmentation of spontaneous cell-mediated cytotoxicity induced by therapeutic infarction of human renal carcinomas. Johnson G, et al. **Urol Int** 1984;39(4):236–40

The role of spermatic venography after surgical high ligation of the left spermatic veins: diagnosis and percutaneous occlusion. Morag B, et al. **Urol Radiol** 1985;7(1):32–4

Percutaneous occlusion of ureteral leaks and fistulae using nondetachable balloons. Papanicolaou N, et al. **Urol Radiol** 1985;7(1):28–31

Management of symptomatic renal angiomyolipomas by embolization. Rosen RJ, et al. **Urol Radiol** 1984;6(3–4):196–200

Management of bleeding renal angiomyolipomas by transcatheter embolization following CT diagnosis. Zerhouni EA, et al. **Urol Radiol** 1984;6(3–4):205–9

In vitro growth of renal cell carcinoma after preoperative renal infarction. Bailey GA, et al. **Urology** 1984 Nov;24(5):456–8

Arteriocalyceal fistula after grafted kidney biopsy. Successful management by selective catheter embolization. Benoit G, et al. **Urology** 1984 Nov;24(5):487–90

Infarction-nephrectomy for metastatic renal carcinoma. Southwest oncology group study. Gottesman JE, et al. **Urology** 1985 Mar;25(3):248–50

Alcohol occlusion of segmental renal arteries as alternative to kidney resection. Sylvén M, et al. **Urology** 1985 Apr; 25(4):361-2

Treatment of renal cell carcinoma with renal infarction, delayed nephrectomy, medroxyprogesterone, and xenogeneic immune RNA. Weigel JW, et al. **Urology** 1985 Feb;25(2):103-5

Inoperative arterial embolization followed by excision of large chemodectoma. Gryskiewicz JM, et al. **Wis Med J** 1984 Aug;83(8):21-4

Partial splenic embolization: experience in 136 patients. Jonasson O, et al. **World J Surg** 1985 Jun;9(3):461-7

[Experimental observations on occlusion of the pancreatic duct with radiopaque liquid silicone rubber] Wu SQ, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Feb;23(2):84-6, 126 (Eng. Abstr.) (Chi)

[Control of massive non-traumatic urological hemorrhage by transcatheter arterial embolization] Xu HY, et al. **Chung Hua Wai Ko Tsa Chih** 1985 May;23(5):288-9, 319 (Eng. Abstr.) (Chi)

[Clinical application of renal artery embolization analysis of 40 cases] Zhao WP, et al. **Chung Hua Wai Ko Tsa Chih** 1985 May;23(5):286-7, 318-9 (Eng. Abstr.) (Chi)

[Surgical treatment of adenocarcinoma of the kidneys after prior embolization of the renal artery] Klemenc J, et al. **Cas Lek Cesk** 1984 Dec 28;123(52):1595-8 (Eng. Abstr.) (Cze)

[Embolization of renal cancer with absolute alcohol] Haapanen A, et al. **Duodecim** 1985;101(2):179-83 (Fin)

[Embolization of hepatic metastases] Musset D, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Feb-Mar; 21(2):79-81 (Eng. Abstr.) (Fre)

[Angiographic and surgical control of the vertebral and carotid pedicles supplying giant paraganglioma of the skull base and neck] George B, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(1):59-63 (Eng. Abstr.) (Fre)

[Site of embolization in the treatment of essential epistaxis] Courtheoux P, et al. **Ann Radiol (Paris)** 1984 Jan; 27(1):15-20 (Eng. Abstr.) (Fre)

[Angiography and embolization in the treatment of vascular complications of pelvic injuries] Reizine D, et al. **Ann Radiol (Paris)** 1984 Sep-Oct;27(6):457-63 (Eng. Abstr.) (Fre)

[Arterial embolization in tumor pathology] Roche A, et al. **Ann Radiol (Paris)** 1985;28(2):148-55 (Eng. Abstr.) (Fre)

[Preliminary results 6 months after embolization of the deep dorsal vein of the penis in erectile insufficiencies of venous origin (letter)] Maiza D, et al. **J Mal Vasc** 1984;9(4):327 (Fre)

[Results of embolization of spinal dural arteriovenous fistulas with perimedullary venous drainage] Barth MO, et al. **Neurochirurgie** 1984;30(6):381-6 (Eng. Abstr.) (Fre)

[Multiple pulmonary artery aneurysms in Behcet's disease. Value of intravascular embolization (letter)] Lacombe P, et al. **Presse Med** 1985 May 4;14(18):1039 (Fre)

[Embolization of mediastinal adenomas. Therapeutic possibility in primary hyperparathyroidism (letter)] Raynaud A, et al. **Presse Med** 1984 Nov 10;13(40):2458 (Fre)

[Lingual vascular malformations, their consequences on the growth of the inferior facial plane. The integration of orthodontic embolization] Lasjaunias P, et al. **Rev Stomatol Chir Maxillofac** 1985;86(2):99-102 (Eng. Abstr.) (Fre)

[Preoperative embolization of an infected aneurysm of the maxillary artery following a gunshot wound] Wenz W, et al. **Radiologe** 1984 Dec;24(12):550-3 (Eng. Abstr.) (Ger)

[Embolization of the hepatic artery in primary hepatocellular carcinoma] Shichijo Y, et al. **ROFO** 1985 Jul;143(1):63-8 (Eng. Abstr.) (Ger)

[Palliative embolization of kidney tumors using iodol-marked Ethibloc] Weber J, et al. **ROFO** 1984 Oct;141(4):384-9 (Eng. Abstr.) (Ger)

[Therapy of arteriovenous fistulas: indications and limitations of embolization] Monti M, et al. **Ann Ital Chir** 1984; 56(2):177-90 (Ita)

[Therapeutic renal embolization in a case of nephrotic syndrome with severe proteinuria (medical nephrectomy)] Comelli S, et al. **Radiol Med (Torino)** 1984 May; 70(5):329-31 (Ita)

[Preoperative embolization of intracranial meningiomas] Del Favero C, et al. **Radiol Med (Torino)** 1984 Mar;70(3):113-7 (Eng. Abstr.) (Ita)

[Embolization in bladder hemorrhage of neoplastic origin] Mannella P, et al. **Radiol Med (Torino)** 1984 Mar; 70(3):106-12 (Eng. Abstr.) (Ita)

[Giant carotid-cavernous aneurysm treated by balloon catheter] Natali G, et al. **Riv Neurol** 1985 Jan-Feb; 55(1):22-9 (Eng. Abstr.) (Ita)

[The role of preoperative embolization in renal cell carcinoma] Masuda F, et al. **Gan No Rinsho** 1985 Mar; 31(3):289-92 (Eng. Abstr.) (Jpn)

[Alteration of blood coagulation and fibrinolysis after transcatheter arterial embolization of hepatocellular carcinomas] Suyama Y, et al. **Gan No Rinsho** 1985 May; 31(5):518-21 (Eng. Abstr.) (Jpn)

[A fibrin clot containing of anticancer drug for intra-arterial chemo-embolization therapy. (2) Chemotherapeutic effects on a model hepatoma using VX-2 carcinoma in rabbits] Itoh J, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):258-64 (Eng. Abstr.) (Jpn)

[A fibrin clot containing of anticancer drug for intra-arterial chemo-embolization therapy. (1) Experimental study on basic characteristics in dogs] Itoh J, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):250-7 (Eng. Abstr.) (Jpn)

[Preoperative chemo-embolization for treatment of hepatocellular carcinoma] Okamura J, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1019-24 (Eng. Abstr.) (Jpn)

[Intra-arterial infusion chemotherapy and transcatheter arterial chemo-embolization for patients with simultaneous bilateral breast cancer] Takatsuka Y, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1143-6 (Eng. Abstr.) (Jpn)

[Renal arterial embolization for renal cell carcinoma] Yamasaki Y, et al. **Hinyokika Kiyo** 1985 Mar;31(3):387-95 (Eng. Abstr.) (Jpn)

[Thromboexclusion technic for ruptured pseudoaneurysm of the descending thoracic aorta following extrapleural plombage thoracoplasty] Kaneko Y, et al. **Kyobu Geka** 1985 May;38(5):385-7 (Eng. Abstr.) (Jpn)

[Transcatheter embolization of bronchial collateral arteries prior to intracardiac operation of adult tetralogy of Fallot] Tomizawa Y, et al. **Kyobu Geka** 1985 Mar;38(3):216-20 (Eng. Abstr.) (Jpn)

[Preoperative embolization of intracranial meningiomas] Yoshida K, et al. **Neurol Med Chir (Tokyo)** 1985 Jun; 25(6):471-8 (Eng. Abstr.) (Jpn)

[Ferromagnetic microembolization in the treatment of metastatic tumors of the liver--the therapeutic effect on the daughter nodules of hepatomas] Yuri H, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Feb 20;19(1):50-63 (Eng. Abstr.) (Jpn)

[Hepatectomy after transcatheter arterial embolization (TAE) for hepatocellular carcinomas] Hiroshashi K, et al. **Nippon Geka Gakkai Zasshi** 1985 May;86(5):555-65 (Eng. Abstr.) (Jpn)

[Symposium on treatment of cancer. 6. Comparative study of therapeutic effects of transcatheter arterial embolization and of intra-arterial one shot injection therapy against hepatocellular carcinoma] Yamamoto S, et al. **Nippon Naika Gakkai Zasshi** 1984 Nov;73(11):1612-5 (Jpn)

[Transcatheter splenic arterial embolization (TSAE) in patients with hypersplenism: clinical evaluation of adjuvant therapy for hepatocellular carcinoma and liver cirrhosis] Hirai K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Dec; 81(12):2960-6 (Eng. Abstr.) (Jpn)

[Partial splenic embolization as a treatment for rupture of esophageal varices: a case report] Iwamoto S, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):310-4 (Jpn)

[Study of 45 patients with hepatocellular carcinoma complicating occlusion of the main portal vein] Kanno T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May; 82(5):1360-8 (Eng. Abstr.) (Jpn)

[Indication of transcatheter arterial embolization in hepatocellular carcinoma with liver cirrhosis evaluated from the liver function tests] Nakao N, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):1995-9 (Eng. Abstr.) (Jpn)

[Therapeutic effect of transarterial embolization on daughter nodules of hepatocellular carcinoma] Yoshioka T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Mar;82(3):459-66 (Eng. Abstr.) (Jpn)

[Chemical embolization using estrogen for aneurysmal bone cyst of the skull: case report] Ikeda H, et al. **No Shinkei Geka** 1985 Feb;13(2):203-8 (Eng. Abstr.) (Jpn)

[A case of arterio-portal vein fistula with portal systemic encephalopathy] Ito T, et al. **Rinsho Hoshasen** 1984 Nov; 29(12):1415-8 (Eng. Abstr.) (Jpn)

[Occlusion of the gastroduodenal artery for hepatic artery embolization] Kodera K, et al. **Rinsho Hoshasen** 1984 Aug; 29(8):859-62 (Eng. Abstr.) (Jpn)

[Transcatheter embolization of celiac trunk aneurysm—a case report with emphasis on interventional angiography] Sawada T, et al. **Rinsho Hoshasen** 1984 Aug;29(8):925-7 (Eng. Abstr.) (Jpn)

[Catheter embolization for intractable back pain due to metastatic spinal epidural tumor] Takahashi N, et al. **Rinsho Hoshasen** 1984 Jul;29(7):805-7 (Eng. Abstr.) (Jpn)

[Endovascular surgery in the clinic and in an experiment] Sokolov IuN, et al. **Klin Khir** 1985 Jan;(1):20-2 (Eng. Abstr.) (Rus)

[Endovascular occlusion of internal seminal veins in varicoceles in children and adolescents] Vorontsov IuP, et al. **Klin Khir** 1985;(6):37-8 (Eng. Abstr.) (Rus)

[2 cases of intravascular closure of multiple arteriovenous fistulas of the right lung] Neklasov IuF, et al. **Vestn Rentgenol Radiol** 1984 Sep-Oct;(5):91-2 (Rus)

[Preoperative embolization of the renal artery in the surgical treatment of kidney tumors] Glukhov IuD, et al. **Voen Med Zh** 1984 Dec;(12):25-7 (Rus)

[Structural changes in the walls of blood vessels after embolization with a metal spiral in order to reduce blood flow] Sokolov IuN, et al. **Vrach Delo** 1984 Dec;(12):18-22 (Eng. Abstr.) (Rus)

[Severe hemorrhage secondary to a post-surgical iatrogenic renal pseudoaneurysm: embolization] Gutiérrez R, et al. **Arch Esp Urol** 1985 Jan-Feb;38(1):9-13 (Eng. Abstr.) (Spa)

[Hepatic artery embolization as a palliative treatment for malignant hepatic tumors: presentation of our experience] Miguelena Bobadilla JM, et al. **Rev Esp Enferm Apar Dig** 1985 Jan;67(1):45-9 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

Gallbladder infarction after hepatic artery embolization. Takayasu K, et al. **AJR** 1985 Jan;144(1):135-8

Hemorrhagic pancreatitis: a complication of transcatheter embolization treated successfully by total pancreatectomy. Miller RE, et al. **Am J Surg** 1985 Jun;149(6):802-8

Emphysematous cholecystitis as a complication of hepatic arterial embolization. Coldwell DM, et al. **Cardiovasc Intervent Radiol** 1985;8(1):36-8

Complications of renal tumor embolization. Lammer J, et al. **Cardiovasc Intervent Radiol** 1985;8(1):31-5

Isobutyl-2-cyanoacrylate pulmonary emboli associated with occlusive embolotherapy of cerebral arteriovenous malformations. Coard K, et al. **Histopathology** 1984 Nov; 8(6):917-26

An animal model of occlusion-hyperthermia of the liver. Boddie AW Jr, et al. **Invest Radiol** 1985 Mar-Apr; 20(2):159-65

Ventricular fibrillation. A complication and hazard of transcatheter obliteration of the renal artery with absolute ethanol in dogs. Kusano S, et al. **Invest Radiol** 1985 Jan-Feb;20(1):36-41

Microsurgical recovery of a migrated balloon from the internal carotid artery of a child. Tranmer BI, et al. **Neurosurgery** 1985 Mar;16(3):381-6

Absolute ethanol injection of the adrenal artery: hypertensive reaction. Fink IJ, et al. **Radiology** 1985 Feb;154(2):357-8

Bile duct necrosis: complication of transcatheter hepatic arterial embolization. Makuuchi M, et al. **Radiology** 1985 Aug;156(2):331-4

Sudden appearance of occipital-vertebral arterial anastomoses during therapeutic embolization. Bitoh S, et al. **Surg Neurol** 1985 Aug;24(2):160-4

[Spondylodiscitis after embolization of an extramedullary intraspinal arteriovenous fistula] Baudrillard JC, et al. **J Radiol** 1985 Apr;66(4):309-12 (Eng. Abstr.) (Fre)

[Acute gastric lesions following transcatheter arterial embolization of hepatic malignancies] Tsuchigame T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Dec 25; 44(12):1501-7 (Eng. Abstr.) (Jpn)

[Splenic abscess following transarterial splenic embolization. Its hazard and reconsideration] Nakamura K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):315-8 (Jpn)

[Ultrasonographic study of gas formation after transcatheter arterial embolization of primary liver cancer] Fukushima K, et al. **Rinsho Hoshasen** 1984 Dec;29(13):1495-7 (Eng. Abstr.) (Jpn)

[A case of sciatic nerve palsy as a complication of gluteal artery embolization with ethanol] Uchiyama N, et al. **Rinsho Hoshasen** 1984 Sep;29(9):997-9 (Eng. Abstr.) (Jpn)

[Splenic infarction after hepatic TAE and its computed tomographic findings] Yoshiya K, et al. **Rinsho Hoshasen** 1984 Sep;29(9):957-62 (Eng. Abstr.) (Jpn)

[Severe complication of transcatheter embolization of the internal iliac artery] Shmidt IZ, et al. **Sov Med** 1985; (2):119-20 (Rus)

[Endovascular embolization of the hepatic artery in hemobilia complicated by acute stomach ulcers] Lifshits IuZ, et al. **Vestn Khir** 1985 May;134(5):69 (Rus)

INSTRUMENTATION

New calibrated-leak microcatheters for cyanoacrylate embolization and chemotherapy. Kerber CW, et al. **AJNR** 1985 May-Jun;6(3):434-6

Calibrated-leak balloon: accurate placement of the leak. O'Reilly GV, et al. **AJNR** 1985 Jan-Feb;6(1):90-1

Latex vascular occlusion balloons: histopathologic evaluation in a high-flow aortocaval fistula model. Quisling RG, et al. **AJNR** 1985 Jul-Aug;6(4):583-7

Balloons and coils: aids in particulate/liquid head-neck embolization. Tomsick TA, et al. **AJNR** 1985 Jul-Aug; 6(4):598-601

Arterial occlusion with coils [letter] Miller DL. **Arch Intern Med** 1985 Sep;145(9):1737

Detachable steel spring coils for vessel occlusion. Lund G, et al. **Radiology** 1985 May;155(2):530

Selective hepatic angiography using a balloon catheter guide. Sawada S. **Radiology** 1985 Aug;156(2):545-6

[New detachable balloon for therapeutic embolization. Experimental studies] Stösslein F, et al. **Radiol Diagn (Berl)** 1984;25(5):517-23 (Eng. Abstr.) (Ger)

[New detachable balloon for therapeutic embolization. Animal experiments, histological and clinical studies] Stösslein F, et al. **Radiol Diagn (Berl)** 1984;25(5):525-32 (Eng. Abstr.) (Ger)

[A successful transcatheter embolization with occluding spring emboli for vertebral arteriovenous fistulas following insertion of Swan-Ganz catheter] Kawano Y, et al. **Nippon Geka Gakkai Zasshi** 1985 Mar;86(3):325-9 (Eng. Abstr.) (Jpn)

METHODS

Preoperative embolization of a large liposarcoma. A case report. Brana A, et al. **Acta Orthop Belg** 1984 Sep–Oct; 50(5):705–11

Transcatheter embolization of splanchnic arterial aneurysms. Report of two cases. Sawada S, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(5):391–3

Segmental hepatic arterial occlusion with absolute ethanol in domestic swine. Stridbeck H, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(4):331–5

Preembolization superselective angiography: role in the treatment of brain arteriovenous malformations with isobutyl-2 cyanoacrylate. Viñuela F, et al. **AJNR** 1984 Nov–Dec;5(6):765–9

Hepatic embolization from the common hepatic artery using balloon occlusion technique. Nakamura H, et al. **AJR** 1985 Jul;145(1):115–6

Transcatheter embolization of the dorsal pancreatic artery to control massive postoperative bleeding. Freeman MP, et al. **Am J Gastroenterol** 1985 Mar;80(3):185–7

Microcapsule chemoembolization for head and neck cancer. Okamoto Y, et al. **Arch Otorhinolaryngol** 1985; 242(1):105–11

Two cases of nasopharyngeal angiofibroma––effect of preoperative transarterial embolization. Ikawa T, et al. **Auris Nasus Larynx** 1984;11(3):149–56

Percutaneous transluminal embolization of vertebral artery injury. Richardson A, et al. **Aust NZ J Surg** 1984 Aug; 54(4):361–3

Embolisation procedures in congenital heart disease. Reidy JF, et al. **Br Heart J** 1985 Aug;54(2):184–92

Pre-operative embolisation of a chemodectoma. Hennessy O, et al. **Br J Radiol** 1984 Sep;57(682):845–6

Preoperative Gelfoam embolization of supratentorial meningiomas. Rutka J, et al. **Can J Surg** 1985 Sep; 28(5):441–3

Transcatheter arterial embolization for hepatocellular carcinoma. Benefits and limitations for unresectable cases with liver cirrhosis evaluated by comparison with other conservative treatments. Sato Y, et al. **Cancer** 1985 Jun 15;55(12):2822–5

Intraoperative embolization of cerebral arteriovenous malformations in the awake patient. Girvin JP, et al. **Clin Neurosurg** 1983;31:188–247

Percutaneous transcatheter infusion and infarction in the treatment of human cancer: Part I. Wallace S, et al. **Curr Probl Cancer** 1984 Nov;8(17):1–62

Factors affecting the probability of conception after treatment of subfertile men with varicocele by transcatheter embolization with Bucrylate. Comhaire FH, et al. **Fertil Steril** 1985 May;43(5):781–6

Partial splenic embolization: a treatment for hypersplenism. O'Shea RP, et al. **Ir Med J** 1985 Mar;78(3):72–4

Treatment of spontaneous intraparotid direct arteriovenous fistulae using a detachable balloon technique. Reizine D, et al. **J Neuroradiol** 1985;12(1):35–43 **(Eng, Fre)**

The use of transarterial microembolization in the management of hemangiomas of the perioral region. Braun IF, et al. **J Oral Maxillofac Surg** 1985 Apr;43(4):239–48

Embolizing techniques in urology [editorial] McIvor J. **J R Soc Med** 1984 Nov;77(11):909–10

Serial changes in sonographic appearance after transcatheter hepatic arterial embolization. Onodera H, et al. **J Ultrasound Med** 1985 Aug;4(8):401–4

Transcatheter arterial chemo–embolization (TAC–E) for patients with locally advanced breast cancer. Takatsuka Y, et al. **Jpn J Clin Oncol** 1985 Mar;15(1):107–14

Experimental carotid aneurysms: Part 2. Endovascular treatment with cyanoacrylate. Kerber CW, et al. **Neurosurgery** 1985 Jan;16(1):13–7

Gelatin gel beads as an embolic agent. Co CS, et al. **Radiat Med** 1983 Oct–Dec;1(4):268–73

Diffuse hepatic hemangiomas: percutaneous transcatheter embolization with detachable silicone balloons. Burrows PE, et al. **Radiology** 1985 Jul;156(1):85–8

Distal splenic artery embolization with a flow–directed balloon catheter. Mazer M, et al. **Radiology** 1985 Jan; 154(1):245

Interventional techniques in congenital heart disease. Mitchell SE, et al. **Semin Roentgenol** 1985 Jul;20(3):290–311 (105 ref.)

New materials for cancer therapy. Sugitachi A, et al. **Trans Am Soc Artif Intern Organs** 1984;30:427–31

Transrenal ureteral occlusion using a detachable balloon. Günther RW, et al. **Urol Radiol** 1984;6(3–4):210–4

Hepatic artery embolization for treatment of endocrine gastrointestinal tumors with liver metastases. Stöckmann F, et al. **Z Gastroenterol** 1984 Nov;22(11):652–60

[Treatment of carotid–cavernous fistula by trapping and plugging with gelatin sponge––report of 3 cases] Jiang ZQ. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Jun; 17(3):158–60 (Eng. Abstr.) **(Chi)**

[Carotid–cavernous fistulas treated surgically by the so–called flying kite method––report of 4 cases] Lang GL. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Jun; 17(3):155–7 (Eng. Abstr.) **(Chi)**

[Treatment of aneurysm or arteriovenous fistula of the artery with an occluding spring coil passing through a catheter] Ma LT, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Jan; 23(1):27–9, 62–3 (Eng. Abstr.) **(Chi)**

[Treatment of lower urinary tract and pelvic malignancies by the transcatheter chemotherapy of the gluteus inferior artery and by embolization of the internal iliac artery] Xu ZZ, et al. **Chung Hua Wai Ko Tsa Chih** 1985 May; 23(5):284–5, 318 (Eng. Abstr.) **(Chi)**

[Interventional radiology: intravascular therapy of malignant tumors in the soft tissues of extremities] Benda K, et al. **Cesk Radiol** 1985 Mar;39(2):93–104 (Eng. Abstr.) **(Cze)**

[Injections of fibrin glue in severe epistaxis and Rendu–Osler disease] Martin H, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(7):561–3 (Eng. Abstr.) **(Fre)**

[Aneurysms of the abdominal aorta in high risk patients. Combined treatment with surgery and radiology. Apropos of 9 cases] Descotes J, et al. **Chirurgie** 1984;110(5):552–6 (Eng. Abstr.) **(Fre)**

[Interventional radiology in chemotherapy. Percutaneous arterial route and and embolization with microspheres] Bruneton JN, et al. **J Radiol** 1984 Dec;65(12):833–8 (Eng. Abstr.) **(Fre)**

[Emergency uterine embolization in postpartum hemorrhage secondary to coagulopathy] Duvauferrier R, et al. **J Radiol** 1984 Apr;65(4):285–8 (Eng. Abstr.) **(Fre)**

[Liquid embolization of the renal artery with absolute ethanol] Nadalini VF, et al. **J Radiol** 1984 Apr;65(4):301–5 (Eng. Abstr.) **(Fre)**

[Peroperative embolization of cerebral arteriovenous malformations with butylcyanoacrylate (18 cases)] Deruty R, et al. **Neurochirurgie** 1985;31(1):21–9 (Eng. Abstr.) **(Fre)**

[Preoperative endovascular embolization with homologous fibrin] Richling B. **Fortschr Med** 1985 Apr 18;103(15):401–3 (Eng. Abstr.) **(Ger)**

[Embolization of a pseudoaneurysm of the hepatic artery with hemobilia by direct percutaneous puncture] Klose KJ, et al. **ROFO** 1985 Jan;142(1):83–6 (Eng. Abstr.) **(Ger)**

[Absolute alcohol, an adjustable embolization material in kidney tumors] Timmermann J, et al. **Urologe [Ausg A]** 1984 Sep;23(5):275–7 (Eng. Abstr.) **(Ger)**

[Percutaneous catheter–embolization in carcinoid liver metastasis] Jermendy G, et al. **Orv Hetil** 1985 Jul 28; 126(30):1851–4 (Eng. Abstr.) **(Hun)**

[Intra–arterial injection therapy with ethanol for a patient with renal arteriovenous fistula] Hayakawa M, et al. **Hinyokika Kiyo** 1984 Aug;30(8):1069–74 (Eng. Abstr.) **(Jpn)**

[Embolization technic in cerebral arteriovenous malformation] Jimbo M. **Kokyu To Junkan** 1984 Jul; 32(7):653–9 **(Jpn)**

[Interventional angiography of the kidney] Narimatsu Y, et al. **Kokyu To Junkan** 1984 Jul;32(7):677–84 **(Jpn)**

[Esophageal varices] Uchida H, et al. **Kokyu To Junkan** 1984 Jul;32(7):695–704 (33 ref.) **(Jpn)**

[Interventional angiography of the liver] Yamada R, et al. **Kokyu To Junkan** 1984 Jul;32(7):671–6 (19 ref.) **(Jpn)**

[Transcatheter embolization with Ivalon particles in cases of intracranial meningiomas] Koike T, et al. **Neurol Med Chir (Tokyo)** 1985 Feb;25(2):103–9 (Eng. Abstr.) **(Jpn)**

[Detachable balloon occlusion of post–traumatic carotid–cavernous fistula] Negoro M, et al. **Neurol Med Chir (Tokyo)** 1984 Sep;24(9):689–95 (Eng. Abstr.) **(Jpn)**

[Use of detachable balloon catheters in the treatment of carotid–cavernous fistula] Yamamoto I, et al. **Neurol Med Chir (Tokyo)** 1984 Sep;24(9):678–88 (Eng. Abstr.) **(Jpn)**

[Experimental and clinical studies on embolotherapy of lung cancer] Morita M, et al. **Nippon Gan Chiryo Gakkai Shi** 1985 Feb 20;20(1):71–83 (Eng. Abstr.) **(Jpn)**

[Studies on selective embolo–hyperthermic therapy of tumors by using ferromagnetic particles] Sako M, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Oct 20;19(9):2168–71 (Eng. Abstr.) **(Jpn)**

[Portal vein embolization for hepatoma with lipiodol–fibrin adhesive mixture] Matsuoka T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Nov 25; 44(11):1411–3 (Eng. Abstr.) **(Jpn)**

[Experimental and clinical studies on the effect of absolute ethanol in renal arterial embolization] Matuo N, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Mar 25; 45(3):462–74 (Eng. Abstr.) **(Jpn)**

[Chemoembolization with cisplatin–microcapsule] Okamoto Y, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Apr; 88(4):477–85 (Eng. Abstr.) **(Jpn)**

[Thromboexclusion with single permanent aortic clamp and temporary distal balloon occlusion for dissecting aneurysm] Shimamoto M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Mar;33(3):379–85 (Eng. Abstr.) **(Jpn)**

[Comparison with percutaneous transhepatic embolization and endoscopic injection sclerotherapy in esophageal varices] Kimura K, et al. **Nippon Rinsho** 1984 Oct; 42(10):2332–6 **(Jpn)**

[Clinical studies of endoscopic embolization in esophageal varices] Suzuki H, et al. **Nippon Rinsho** 1984 Oct; 42(10):2327–31 **(Jpn)**

[Endoscopic embolization] Takase Y, et al. **Nippon Rinsho** 1984 Oct;42(10):2322–6 **(Jpn)**

[Measurement of the change of the portal blood flow volume after TAE therapy by ultrasonic pulsed Doppler method] Ueno N, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan; 82(1):136 **(Jpn)**

[Efficacy of nidus embolization of large arterio–venous malformation prior to surgical excision] Miyamachi K, et al. **No Shinkei Geka** 1984 Dec;12(13):1541–7 (Eng. Abstr.) **(Jpn)**

[Arterial embolization of bone tumors] Kodera K, et al. **Rinsho Hoshasen** 1984 Sep;29(9):993–6 (Eng. Abstr.) **(Jpn)**

[Hepatic artery embolization using balloon catheters] Nakamura H, et al. **Rinsho Hoshasen** 1985 Apr;30(4):469–73 (Eng. Abstr.) **(Jpn)**

[A case report of successful control of traumatic bleeding by superselective transcatheter embolization in the solitary kidney] Nakamura K, et al. **Rinsho Hoshasen** 1985 Mar; 30(3):425–8 (Eng. Abstr.) **(Jpn)**

[Report of a case of giant renal artery aneurysm treated by transcatheter nephrectomy] Sawada S, et al. **Rinsho Hoshasen** 1984 Nov;29(12):1431–3 (Eng. Abstr.) **(Jpn)**

[Embolization of the renal arteries in kidney disease] Vozianov AF, et al. **Klin Khir** 1984 Dec;(12):1–3 (Eng. Abstr.) **(Rus)**

[Superselective catheterization of cerebral vessels] Serbinenko FA, et al. **Zh Vopr Neirokhir** 1984 Sep–Oct; (5):6–14 (Eng. Abstr.) **(Rus)**

[Partial splenic embolization in hypersplenism] Vázquez–Estévez J, et al. **An Esp Pediatr** 1984 Dec; 21(9):798–802 (Eng. Abstr.) **(Spa)**

MORTALITY

[Retrospective study of short survival cases in hepatocellular carcinoma after transcatheter arterial embolization therapy] Suyama Y, et al. **Gan No Rinsho** 1985 Apr;31(4):387–93 (Eng. Abstr.) **(Jpn)**

EMBRYO

see related
CELL DIFFERENTIATION
GESTATIONAL AGE

Proceedings of the colloquium on the use of embryonic cell transplantation for correction of CNS disorders. Chestnut Hill, Mass., June 27–29, 1983. **Appl Neurophysiol** 1984; 47(1–2):1–76

Legal implications of the use of embryonic cells for transplants. Carnahan WA. **Appl Neurophysiol** 1984; 47(1–2):69–72

Use of embryonic cell transplantation for correction of CNS disorders. Gildenberg PL, et al. **Appl Neurophysiol** 1984; 47(1–2):5–8

Moral perspectives in the use of embryonic cell transplantation for correction of nervous system disorders. Murphy PJ. **Appl Neurophysiol** 1984;47(1–2):65–8

Ethics in medical donations. Neville RC. **Appl Neurophysiol** 1984;47(1–2):73–6

Some characteristics of the ICCe-1, a new simian embryo cell line. Petrașincu DE, et al. **Arch Roum Pathol Exp Microbiol** 1984 Apr–Jun; 43(2):171–8

The effects of ionizing radiation, microwaves, and ultrasound on the developing embryo: clinical interpretations and applications of the data. Brent RL. **Curr Probl Pediatr** 1984 Sep;14(9):1–87 (362 ref.)

Formation of the notochord in living ascidian embryos. Miyamoto DM, et al. **J Embryol Exp Morphol** 1985 Apr; 86:1–17

Singer and Kuhse on the potential of embryos [letter] Scarlett BF. **J Med Ethics** 1984 Dec;10(4):217–8

Cryopreservation of embryos [editorial] **Lancet** 1985 Mar 23; 1(8430):678

Embryo research [editorial] **Lancet** 1985 Feb 2;1(8423):255–6

Report of inquiry into human fertilisation and embryology: Medical Research Council's response. **Lancet** 1985 Feb 2; 1(8423):270

Research on embryos [letter] **Lancet** 1985 Feb 23; 1(8426):451–2

Embryo research [letter] **Lancet** 1985 Mar 2;1(8427):522

Embryo research [letter] Martin TJ. **Lancet** 1985 Mar 30; 1(8431):759

Embryo quality and pregnancy rates in in–vitro fertilisation [letter] Yovich JL. **Lancet** 1985 Feb 2;1(8423):283–4

Frozen embryos: policy issues. Grobstein C, et al. **N Engl J Med** 1985 Jun 13;312(24):1584–8

Embryos untouched [news] **Nature** 1985 Feb 21–27; 313(6004):612

Embryo research [letter] **Nature** 1985 Apr 18–24; 314(6012):574

When does life begin? [letter] **Nature** 1985 Apr 11–17; 314(6011):492

Embryo's right to protection [letter] **Nature** 1985 May 9–15; 315(6015):92

UK agonizes on embryo research [news] **Nature** 1985 Feb 7–13;313(6002):424

UK embryo research: embryo protection bill resurfaces [news] Clarke M. **Nature** 1985 Jun 13–19;315(6020):534

Politicians prepare action [news] Clarke M. **Nature** 1985 Jan 24–30;313(6000):260

Embryo research [letter] Goodhart CB. **Nature** 1985 May 16–22;315(6016):176

Ice-free cryopreservation of mouse embryos at -196 degrees C by vitrification. Rall WF, et al. **Nature** 1985 Feb 14–20; 313(6003):573–5

The use of human serum for studying malformations in whole embryo cultures. Beck F, et al. **Prog Clin Biol Res** 1985; 163C:265–70

[Effect of whole-embryo injection in the treatment of aplastic anemia—report of 24 cases] Lei L. **Chung Hua Nei Ko Tsa Chih** 1984 Sep;23(9):564–5 (Eng. Abstr.) (Chi)

[Echographic study of the embryonal and fetal hand] Serafini G, et al. **Ann Chir Main** 1985;4(1):71–4 (Eng. Abstr.) (Fre)

[In vitro culture of mouse embryos] Gianaroli L, et al. **Boll Soc Ital Biol Sper** 1985 May 30;61(5):677–83 (Eng. Abstr.) (Ita)

[Synchronization of ovulation and the collection of embryos in mice] Seracchioli R, et al. **Boll Soc Ital Biol Sper** 1985 May 30;61(5):685–8 (Eng. Abstr.) (Ita)

ANALYSIS

Immunocytochemical localization of an H2A variant in the spermatogenic cells of the mouse. Bhatnagar YM. **Biol Reprod** 1985 May;32(4):957–68

Characterization of exocoelomic fluid protein from rat conceptuses cultured in rat and human sera: a measure of yolk sac activity during organogenesis. Huxham IM, et al. **J Embryol Exp Morphol** 1984 Dec;84:203–15

ANATOMY & HISTOLOGY

Age determination of early human embryos and fetuses. Kellokumpu-Lehtinen P. **Ann Hum Biol** 1984 Nov-Dec; 11(6):567–70

Esophageal atresia without tracheobronchial communication in a 9 mm human embryo (Carnegie stage 16). Ruano-Gil D, et al. **Arch Ital Anat Embriol** 1985 Jan–Mar;90(1):1–8

[Embryos from spontaneous abortions with chromosomal aberrations] Kleinebrecht J, et al. **Anat Anz** 1984; 157(1):3–33 (Eng. Abstr.) (Ger)

CYTOLOGY

Chromosome analysis of human oocytes and embryos fertilized in vitro. Rudak E, et al. **Ann NY Acad Sci** 1985; 442:476–86

Continuous culture of the postimplantation rat conceptus. Tarlatzis BC, et al. **Biol Reprod** 1984 Sep;31(2):415–26

Cytogenetic analysis of 34 early stage bovine embryos from superovulated Hereford donors. Murray JD, et al. **Can J Genet Cytol** 1985 Aug;27(4):483–6

The control of cell motility during embryogenesis. Armstrong PB. **Cancer Metastasis Rev** 1985;4(1):59–79 (249 ref.)

Injection of murine embryonal carcinoma cells and embryo-derived pluripotential cells into mouse blastocysts. Becker K, et al. **Cell Differ** 1984 Dec;15(2–4):195–202

Stem cells and embryo-derived cell lines: tools for study of gene expression. Jakob H. **Cell Differ** 1984 Dec; 15(2–4):77–80 (33 ref.)

Interactions between diploid embryonal carcinoma cells and early embryonic cells. Papaioannou VE, et al. **Cell Differ** 1984 Dec;15(2–4):175–9

The relationship between embryonic, embryonal carcinoma and embryo-derived stem cells. Rossant J, et al. **Cell Differ** 1984 Dec;15(2–4):155–61 (47 ref.)

Mechanisms of cell migration in the vertebrate embryo. Thiery JP. **Cell Differ** 1984 Nov;15(1):1–15 (118 ref.)

Induced fusion of female gametes and embryonic cells. Vassetzky SG, et al. **Cell Differ** 1985 Apr;16(2):77–82 (52 ref.)

Effect of stage of development on survival of mouse embryos frozen—thawed rapidly. Massip A, et al. **Cryobiology** 1984 Oct;21(5):574–7

Improved fluorescent compounds for tracing cell lineage. Gimlich RL, et al. **Dev Biol** 1985 Jun;109(2):509–14

Partial rescue of embryos from two maternal-effect neurogenic mutants by transplantation of wild-type ooplasm. LaBonne SG, et al. **Dev Biol** 1985 Jul;110(1):264–7

Erythroid progenitor cells and stimulating factors during murine embryonic and fetal development. Johnson GR, et al. **Exp Hematol** 1985 Mar;13(3):200–8

Cell lineage evaluation in preimplantation mouse embryos by intracellular injection of IgG. Fein A. **Gynecol Obstet Invest** 1985;19(2):107–12

In vitro screening assay for teratogens using growth inhibition of human embryonic cells. Pratt RM, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5791–4

[Criteria for evaluating the quality of embryos obtained by IVF and their aptitude for implantation] Humeau C. **Ann Biol Clin (Paris)** 1985;43(1):23–6 (Eng. Abstr.) (Fre)

DRUG EFFECTS

Embryonic survival in mice treated with AET, MEA or 5-HT on the first day of pregnancy. Mazur L. **Acta Physiol Hung** 1985;65(3):227–31

The teratogenic effects of a bis(dichloroacetyl)diamine on hamster embryos. Aortic arch anomalies and the pathogenesis of the DiGeorge syndrome. Binder M. **Am J Pathol** 1985 Feb;118(2):179–93

Effects of acute or chronic polychlorinated biphenyl ingestion on maternal metabolic homeostasis and on the manifestations of embryotoxicity caused by cyclophosphamide in mice. Welsch F. **Arch Toxicol** 1985 Jun;57(2):104–13

Prenatal and postnatal development of rats following the maternal treatment with testosterone during the late period of embryogenesis. Fritz H, et al. **Arzneimittelforsch** 1984; 34(7):780–2

Embryotoxic drugs. Brendel K, et al. **Biol Res Pregnancy Perinatol** 1985;6(1):1–54 (29 ref.)

Abnormalities induced in cultured rat embryos by hyperglycaemia. Cockroft DL. **Br J Exp Pathol** 1984 Oct; 65(5):625–36

Embryotoxicity study on cyclopiazonic acid in mice. Khera KS, et al. **Bull Environ Contam Toxicol** 1985 Mar; 34(3):423–6

Effects of nitrous oxide on maternal and embryonic folate metabolism in rats. Hansen DK, et al. **Dev Pharmacol Ther** 1985;8(1):43–54

Effects of methylmercuric chloride administered to pregnant rats during the preimplantation period. Giavini E, et al. **Ecotoxicol Environ Safety** 1985 Apr;9(2):189–95

The teratogenic, embryotoxic, and prenatal mutagenic effect of 3-methyl-4-nitrophenol in the mouse. Nehéz M, et al. **Ecotoxicol Environ Safety** 1985 Apr;9(2):230–2

The amelioration of mercury-induced embryotoxic effects by simultaneous treatment with zinc. Gale TF. **Environ Res** 1984 Dec;35(2):405–12

Effects of a teratogen on [3H]uridine nucleotide transfer between human embryonal cells and on gap junctions. Welsch F, et al. **Exp Cell Res** 1985 Jul;159(1):91–102

Toxicity potential of absorbed-retained ethylene oxide residues in culture dishes on embryo development in vitro. Schiewe MC, et al. **J Anim Sci** 1985 Jun;60(6):1610–8

The effects of disulfiram on the experimental C3H mouse embryo. Thompson PA, et al. **J Appl Toxicol** 1985 Feb; 5(1):1–10

Notochordal development as influenced by the insecticide dicrotophos (Bidrin) Garrison JC, et al. **J Exp Zool** 1985 May;234(2):243–50

Ovulation rate and embryo survival in Damline ewes after treatment with bovine follicular fluid in the luteal phase of the oestrous cycle. Wallace JM, et al. **J Reprod Fertil** 1985 Sep;75(1):101–9

Combined use of a water-insoluble chemical delivery system and a metabolic activation system in whole embryo culture. Kitchin KT, et al. **J Toxicol Environ Health** 1984; 13(4–6):499–509

Chromosomal aberrations induced by sodium nitrite in bone marrow of adult rats and liver cells of transplacentally exposed embryos. el Nahas SM, et al. **J Toxicol Environ Health** 1984;13(4–6):643–7

Effects of LH-RH analogue on the ovulation rate and embryo quality in heifers superovulated with PMSG and PGF2 alpha. Takahashi Y, et al. **Jpn J Vet Res** 1984 Oct; 32(4):183–9

Acute effects of mercuric compounds on preimplantation mouse embryos in vitro. Katayama S, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1957–62

Bicuculline activation of embryonic spontaneous motility. Sedláček J. **Physiol Bohemoslov** 1985;34(1):33–9

Phenytoin and trimethadione: pharmacokinetics, embryotoxicity, and maternal toxicity. Khera KS. **Prog Clin Biol Res** 1985;163C:317–22

The role of postimplantation mammalian embryo culture in the study of teratogenic mechanisms. Steele CE. **Prog Clin Biol Res** 1985;163C:271–6

12-O-Tetradecanoyl-phorbol-13-acetate (TPA) induced congenital kidney defects and embryomortality in the CD-1 mouse. Huber BE, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jul;49(1):17–34

The embryotoxicity of cyclophosphamide in rabbits during the histiotrophic phase of nutrition. Claussen U, et al. **Teratogenesis Carcinog Mutagen** 1985;5(2):89–100

DNA damage and repair in mouse embryos following treatment transplacentally with methylnitrosourea and methylmethanesulfonate. Jirakulsomchok S, et al. **Teratogenesis Carcinog Mutagen** 1984;4(6):523–36

The effects of phenylalanine on cultured rat embryos. Walsh DA, et al. **Teratogenesis Carcinog Mutagen** 1984; 4(6):505–13

Teratogen update: clinical aspects of thalidomide embryopathy—a continuing preoccupation. Newman CG. **Teratology** 1985 Aug;32(1):133–44

The embryotoxicity of adriamycin in rat embryos in vitro. Fantel AG, et al. **Toxicol Appl Pharmacol** 1985 Aug; 80(1):155–65

The water, DNA, collagen and noncollagen protein contents in embryos after maternal administration of a teratogenic dose of phenytoin. Hicks HE, et al. **Toxicol Lett** 1985 Apr; 25(1):41–6

Lack of severe malformations versus occurrence of marked embryotoxic effects after treatment of pregnant mice with cis-platinum. Köpf-Maier P, et al. **Toxicology** 1985 Mar 29;34(4):321–31

Teratogenicity and embryotoxicity of titanocene dichloride in mice. Köpf-Maier P, et al. **Toxicology** 1984 Nov; 33(2):171–81

[Experimental study of the teratogenicity and embryotoxicity of endodan] Vergieva T. **Probl Khig** 1984;9:88–95 (Eng. Abstr.) (Bul)

[Methodological problems in researching chemical substances for their embryotoxic, teratogenic, hypotrophic and gonadotoxic action on agricultural animals] Lilov K, et al. **Vet Med Nauki** 1985;22(6):94–101 (Eng. Abstr.) (Bul)

[Embryotoxicity and teratogenicity of fluorocarbon emulsion in rats] Zhong BZ, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Sep;5(3):195–8 (Eng. Abstr.) (Chi)

[Embryotoxic and teratogenic effects of mercury] Sikorski R, et al. **Wiad Lek** 1984 Oct 15;37(20):1617–23 (80 ref.) (Eng. Abstr.) (Pol)

[Embryonic development and various indicators of reproductive function in rats after inhalation of formaldehyde in the preimplantation phase] Kitaev EM, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):49–52 (Eng. Abstr.) (Rus)

[Effect of lofenal on rat embryogenesis] Pavilonis SV, et al. **Eksp Onkol** 1984;6(3):66–9 (Eng. Abstr.) (Rus)

[Dependence of the embryotoxic action of dioxidine and cyclophosphamide on the immunoreactivity of the maternal-fetal system in mice] Torchinskii AM, et al. **Farmakol Toksikol** 1985 Jan–Feb;48(1):69–73 (Eng. Abstr.) (Rus)

[Embryo- and gonadotoxicity of various halogenated derivatives of inorganic mercury] Bariliak IR, et al. **Gig Sanit** 1984 Oct;(10):65–7 (Rus)

[Effect of cymbush on embryogenesis in rats] Voronina VM. **Gig Sanit** 1984 Oct;(10):70–1 (Rus)

[Hazards of drug use in the perinatal period] Marianovich A, et al. **Pediatriia** 1984 Dec;(12):49–52 (Rus)

ENZYMOLOGY

Embryonic and adult forms of two galactosyltransferases differ in their degrees of sialylation. Furukawa K, et al. **Eur J Biochem** 1985 Jul 1;150(1):175–80

[Properties of cathepsin D from unfertilized eggs, embryos and skeletal muscles of the loach] Gurskaia NI, et al. **Ukr Biokhim Zh** 1985 May-Jun;57(3):26–31 (Eng. Abstr.) (Rus)

IMMUNOLOGY

B lymphopoiesis in mammalian ontogeny: earliest sites of B lymphopoiesis and microenvironmental factors. Owen JJ. **Ann Immunol (Paris)** 1984 Sep–Oct;135D(2):192–5

On the phenomena accompanying the absence of immune rejection of the conceptus by the pregnant mother. Voisin GA. **Ann Immunol (Paris)** 1984 Nov–Dec;135D(3):335–40

Serological characterization of a pluripotent mouse embryonal stem cell line, two transformed derivatives, and an endoderm-like cell line. Walter G, et al. **Cell Differ** 1984 Dec;15(2–4):147–51

Putative B lymphocyte lineage precursor cells in early murine embryos. Medlock ES, et al. **Dev Comp Immunol** 1984 Fall; 8(4):887–94

Mouse major histocompatibility class I gene expression begins at midsomite stage and is inducible in earlier-stage embryos by interferon. Ozato K, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2427–31

[Immunity to embryonal stage-specific antigens in viral carcinogenesis] Ageenko AI, et al. **Eksp Onkol** 1985; 7(2):38–9 (Eng. Abstr.) (Rus)

[Immunodepressive effect of cell populations with varying erythropoietic activity in embryos and newborn mice] Tsyrlova IG, et al. **Ontogenez** 1985 Mar–Apr;16(2):143–8 (Eng. Abstr.) (Rus)

INNERVATION

Neurite outgrowth traced by means of horseradish peroxidase inherited from neuronal ancestral cells in frog embryos. Jacobson M, et al. **Dev Biol** 1985 Jul;110(1):102–13

METABOLISM

Significance of species and strain differences in pre- and perinatal toxicology. Neubert D, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:23–35 (12 ref.)

The distribution of plasma proteins in the neocortex and early allocortex of the developing sheep brain. Reynolds ML, et al. **Anat Embryol (Berl)** 1985;171(1):41–60

Analysis of metabolites of 2-acetylaminofluorene generated in an embryo culture system. Relationship of biotransformation to teratogenicity in vitro. Faustman-Watts EM, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2953–9

Embryonic protein nutrition and teratogenesis. Lloyd JB, et al. **Biochem Soc Trans** 1985 Feb;13(1):82–3

Characterization of proteins produced in vitro by periattachment bovine conceptuses. Bartol FF, et al. **Biol Reprod** 1985 Apr;32(3):681–93

delta- and beta-Crystallin mRNA levels in the embryonic and posthatched chicken lens: temporal and spatial changes during development. Hejtmancik JF, et al. **Dev Biol** 1985 May;109(1):72–81

Selective expression of high-affinity uptake of catecholamines by transiently catecholaminergic cells of the rat embryo: studies in vivo and in vitro. Jonakait GM, et al. **Dev Biol** 1985 Mar;108(1):6–17

Specific cellular expression of monoamine oxidase B during early stages of quail embryogenesis. Levitt P, et al. **Dev Biol** 1985 Aug;110(2):346–61

Distinct properties of receptors for Dolichos biflorus agglutinin (DBA) isolated from small intestine of adult mice and endoderm cells of early embryos and teratocarcinomas. Arita Y, et al. **Differentiation** 1985;28(3):254–9

Interferon synthesis in the early post-implantation mouse embryo. Barlow DP, et al. **Differentiation** 1984; 27(3):229-35

Placenta, embryo, and tumor uptake of 67Ga-citrate and 99Tc-citrate. Anghileri LJ, et al. **Eur J Nucl Med** 1985; 10(5-6):288-9

An in vitro model of acetaldehyde metabolism by rodent conceptuses. Priscott PK, et al. **In Vitro Cell Dev Biol** 1985 Feb;21(2):88-92

Serine metabolism in rat embryos undergoing organogenesis. Rowe PB, et al. **J Embryol Exp Morphol** 1985 Jun; 87:137-44

Synthesis of apolipoproteins, alphafoetoprotein, albumin, and transferrin by the human foetal yolk sack and other foetal organs. Shi WK, et al. **J Embryol Exp Morphol** 1985 Feb; 85:191-206

Immunocytochemical localization of glucocorticoid receptors in midgestation murine embryos and human embryonic cultured cells. Kim CS, et al. **J Histochem Cytochem** 1984 Nov;32(11):1234-7

Developmentally regulated expression of the interferon system during Syrian hamster embryogenesis. Greene JJ, et al. **J Interferon Res** 1984 Fall;4(4):517-27

Ability of mouse embryos to degranulate mast cells in vitro. Choroszewska A, et al. **J Reprod Fertil** 1985 Sep;75(1):95-9

Steroid metabolism by endometrial and conceptus tissues during early pregnancy and pseudopregnancy in gilts. Fischer HE, et al. **J Reprod Fertil** 1985 Sep;75(1):69-78

The effects of chronic fetal hyperglycemia on substrate uptake by the ovine fetus and conceptus. Philipps AF, et al. **Pediatr Res** 1985 Jul;19(7):659-66

Spatial distribution of transcripts of the long repeated ETn sequence during early mouse embryogenesis. Brûlet P, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2054-8

Elevated rate of DNA synthesis and its correlation to cAMP-phosphodiesterase activity during induction of polydactyly in mouse embryos heterozygous for Hemimelia-extra toe (Hmx). Knudsen TB, et al. **Teratology** 1985 Feb;31(1):155-66

Effect of indomethacin and prostaglandin F2 alpha on incorporation of [3H]uridine by preimplantation mouse embryo. Uehara S, et al. **Tohoku J Exp Med** 1984 Jul; 143(3):319-26

Effects of 3-methylcholanthrene and phenobarbital on the capacity of embryos to bioactivate teratogens during organogenesis. Juchau MR, et al. **Toxicol Appl Pharmacol** 1985 Aug;80(1):137-46

[Quantitative properties and biosynthesis of phospholipids in rat embryonic tissues in the process of development] Saatov TS, et al. **Biokhimiia** 1984 Nov;49(11):1804-9 (Eng. Abstr.) **(Rus)**

[Use of different oxidation substrates in the energy metabolism of mammalian germ cells and embryos] Troshko EV, et al. **Biol Nauki** 1984;(10):5-13 (45 ref.) (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

The origin of the ectodermal ring in staged human embryos of the first 5 weeks. O'Rahilly R, et al. **Acta Anat (Basel)** 1985;122(3):145-57

A possible 'communication line' between the conceptus and the uterus. Herczeg J, et al. **Acta Physiol Hung** 1985; 65(3):361-6

Monitoring embryos after in vitro fertilization using early pregnancy factor. Chen C, et al. **Ann NY Acad Sci** 1985; 442:420-8

Factors influencing human embryonic development in vitro. Fishel SB, et al. **Ann NY Acad Sci** 1985;442:342-56

Chromosome studies of early human embryos: proof of fertilization in uncleaved human oocytes. Mettler L, et al. **Ann NY Acad Sci** 1985;442:458-65

Maternal recognition of pregnancy prior to implantation: methods for monitoring embryonic viability in vitro and in vivo. O'Neill C, et al. **Ann NY Acad Sci** 1985;442:429-39

Impairment of human embryo development after abnormal in vitro fertilization. Plachot M, et al. **Ann NY Acad Sci** 1985;442:336-41

Monitoring of postimplantation embryo viability by measurement of PAPP-A, SP1, and hCG. Sinosich MJ, et al. **Ann NY Acad Sci** 1985;442:440-4

Extragenomic regulation and autonomous expression of a developmental program in the early mammalian embryo. Van Blerkom J. **Ann NY Acad Sci** 1985;442:58-72

The borderland of embryogenesis and carcinogenesis. Major histocompatibility complex-linked genes affecting development and their possible relationship to the development of cancer. Gill TJ 3d. **Biochim Biophys Acta** 1984;738(3):93-102 (95 ref.)

Viability of frozen-thawed mouse embryos is affected by genotype. Schmidt PM, et al. **Biol Reprod** 1985 Apr; 32(3):507-14

Observations on the development in vitro of early (13-day) and later (15-day) porcine embryos. Trujano M, et al. **Br Vet J** 1985 Jul-Aug;141(4):378-87

The homeo box: a key to the understanding of development? Gehring WJ. **Cell** 1985 Jan;40(1):3-5

Thinking in one dimension: the impact of molecular biology on development. Stent GS. **Cell** 1985 Jan;40(1):1-2

Altered synthesis of glucosamine-labeled glycopeptides during postimplantation embryogenesis of the mouse. Noguchi S, et al. **Cell Differ** 1985 Jun;16(4):223-8

Immunological analysis of chick notochord and cartilage matrix development with antisera to cartilage matrix macromolecules. Oettinger HF, et al. **Dev Biol** 1985 May; 109(1):63-71

Effect of a notochordal implant on the early morphogenesis of the neural tube and neuroblasts: histometrical and histological results. van Straaten HW, et al. **Dev Biol** 1985 Jul;110(1):247-54

Action potentials dependent on monovalent cations in developing mouse embryos. Yoshida S. **Dev Biol** 1985 Jul; 110(1):200-6

Mechanism for electrosilent Ca2+ transport to cause calcification of spicules in sea urchin embryos. Yasumasu I, et al. **Exp Cell Res** 1985 Jul;159(1):80-90

Reflections on notochordal differentiation arising from a study of chordomas. Heaton JM, et al. **Histopathology** 1985 May;9(5):543-50

Actions of hormones on the uterus and effect on conceptus development. Bazer FW, et al. **J Anim Sci** 1979;49 Suppl 2:35-45 (56 ref.)

Gametogenic processes and their relationship to normal and abnormal conceptus development. Schuetz AW. **J Anim Sci** 1979;49 Suppl 2:1-25 (227 ref.)

Programmed development in the mouse embryo. Johnson MH, et al. **J Embryol Exp Morphol** 1984 Nov;83 Suppl:197-231 (231 ref.)

Scanning electron microscopy of wound healing in rat embryos. Smedley MJ, et al. **J Embryol Exp Morphol** 1984 Oct;83:109-17

Ascites tumor fluid and bovine serum albumin as supplements in presomite mouse embryo cultures. Meneses JJ, et al. **J Exp Zool** 1984 Sep;231(3):355-62

Maternal blood platelet physiology and luteal-phase endocrinology as a means of monitoring pre- and postimplantation embryo viability following in vitro fertilization. O'Neill C, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):87-93

The reduction of calcium current associated with early differentiation of the murine embryo. Mitani S. **J Physiol (Lond)** 1985 Jun;363:71-86

Topological approach to embryogenesis. Maresin VM, et al. **J Theor Biol** 1985 Jun 7;114(3):387-98

Assessment of embryo quality [letter] O'Neill C, et al. **Lancet** 1984 Nov 3;2(8410):1035

Maternal recognition of pregnancy--a review of the literature. Basu S. **Nord Vet Med** 1985 Mar-Apr; 37(2):57-79 (163 ref.)

The blood-uterine lumen barrier and its possible significance in early embryo development. McRae AC. **Oxf Rev Reprod Biol** 1984;6:129-73 (230 ref.)

SP-I secretion by baboon embryos in vitro. Pope VZ, et al. **Placenta** 1984 Sep-Oct;5(5):403-12

Cell-type-specific pattern of myc protooncogene expression in developing human embryos. Pfeifer-Ohlsson S, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5050-4

Nuclear lamins and peripheral nuclear antigens during fertilization and embryogenesis in mice and sea urchins. Schatten G, et al. **Proc Natl Acad Sci USA** 1985 Jul; 82(14):4727-31

Efficient insertion of genes into the mouse germ line via retroviral vectors. van der Putten H, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6148-52

Early mammalian development. McLaren A. **Prog Clin Biol Res** 1985;163A:29-40

Organogenesis. Saxén L, et al. **Prog Clin Biol Res** 1985; 163A:41-53

Restorative growth and its problems for morphogenesis. Snow MH. **Prog Clin Biol Res** 1985;163C:295-9

Effect of conceptus removal and intrauterine administration of conceptus tissue on luteal function in the cow. Humblot P, et al. **Reprod Nutr Dev** 1984;24(5A):529-41

Pores in avian eggshells: gas conductance, gas exchange and embryonic growth rate. Ar A, et al. **Respir Physiol** 1985 Jul;61(1):1-20

Inability of mouse blastomere nuclei transferred to enucleated zygotes to support development in vitro. McGrath J, et al. **Science** 1984 Dec 14;226(4680):1317-9

The use of vital dyes to assess embryonic viability in the hamster, Mesocricetus auratus. Hutz RJ, et al. **Stain Technol** 1985 May;60(3):163-7

[Embryonic mortality as a biological regulatory factor] Stolla R. **Berl Munch Tierarztl Wochenschr** 1985 Jun 1; 98(6):197-202 (40 ref.) (Eng. Abstr.) **(Ger)**

[Carcinogenesis, embryogenesis and aging from the view point of the assessment of cell proliferation and differentiation as a stochastic process] Golubev AG. **Eksp Onkol** 1984;6(5):10-5 (44 ref.) (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Effects of X-irradiation and serotonin treatment of porton mice on the first day of pregnancy. Mazur L. **Folia Biol (Krakow)** 1984;32(3):237-42

Decreased weight, DNA, RNA and protein content of the brain after neutron irradiation of the 18-day mouse embryo. Antal S, et al. **Int J Radiat Biol** 1984 Oct;46(4):425-33

The 10-day rule [letter] **Radiography** 1984 Sep-Oct; 50(593):231-3

The 10-day rule: a misnomer. Mole RH. **Radiography** 1984 Sep-Oct;50(593):229-30

SURGERY

A potential microneurosurgical method for the manipulation of the developing nervous system of the postimplantation mouse embryo in utero. I. Injection methods. Ilgren EB, et al. **J Neurosci Methods** 1985 May;13(3-4):191-7

ULTRASTRUCTURE

Ultrastructural localization of type IV collagen and laminin in the seven-day-old mouse embryo. Herken R, et al. **Anat Embryol (Berl)** 1985;171(3):365-71

Effect of LiCl on differentiation of mouse embryos beyond the blastocyst stage. Fernández MS, et al. **Arch Biol Med Exp (Santiago)** 1983 Aug;16(1):51-4

Effect of separating bull semen into X and Y chromosome-bearing fractions on the sex ratio of resulting embryos. Hagele WC, et al. **Can J Comp Med** 1984 Jul; 48(3):294-8

Embryonic development of the pig: ultrastructure and uptake of macromolecules during early pregnancy. Barends PM, et al. **Cell Biol Int Rep** 1985 Jun;9(6):517

Presence of cilia in the chick embryonic notochord. Camón J, et al. **Cell Biol Int Rep** 1985 Feb;9(2):165-8

Ecchordosis physaliphora and chordoma: a comparative ultrastructural study. Ho KL. **Clin Neuropathol** 1985 Mar-Apr;4(2):77-86

Activation of paternally derived regulatory mechanism in early mouse embryo. Szöllösi D, et al. **Dev Biol** 1985 Sep; 111(1):256-9

SEM-dissection of a human embryo derived from an ectopic pregnancy. Hendrix MJ, et al. **Early Hum Dev** 1985 May; 11(1):61-8

The application of electron microscopy in the evaluation of two- to four-cell human embryos cultured in vitro for embryo transfer. Trounson A, et al. **J In Vitro Fert Embryo Transfer** 1984 Sep;1(3):153-65

Embryology of the mouse from ovulation through peri-implantation stages in vitro. Chávez DJ. **Scan Electron Microsc** 1984;(Pt 2):729-35

EMBRYO, CHICK see **CHICK EMBRYO**

EMBRYO DEVELOPMENT see **FETAL DEVELOPMENT**

EMBRYO, NON-MAMMALIAN

The action of neurotransmitters and related substances on early embryogenesis. Buznikov GA. **Pharmacol Ther** 1984; 25(1):23-59 (249 ref.)

The placenta of the salp (Tunicata: Thaliacea). Bone Q, et al. **Placenta** 1985 Jan-Feb;6(1):53-63

ANALYSIS

Regional distribution of polyadenylated mRNA in Xenopus laevis embryos. De Bernardi F. **Exp Cell Biol** 1984; 52(5):333-8

NMR studies of intracellular sodium ions in amphibian oocytes, ovulated eggs, and early embryos. Gupta RK, et al. **J Biol Chem** 1985 Aug 5;260(16):9203-8

CYTOLOGY

Contact behaviour exhibited by migrating neural crest cells in confrontation culture with somitic cells. Gooday D, et al. **Cell Tissue Res** 1985;241(1):165-9

DRUG EFFECTS

Comparative effects of halothane, enflurane, and methoxyflurane on the incidence of abnormal development using sea urchin gametes as an in vitro model system. Hinkley RE Jr, et al. **Anesth Analg** 1985 Oct;64(10):1005-9

Oxygen consumption rates of grunion (Leuresthes tenuis) embryos exposed to the petroleum hydrocarbon, benzo[a]pyrene. Hose JE, et al. **Environ Res** 1984 Dec; 35(2):413-20

Xenobiotics in gametes of Lake Michigan lake trout (Salvelinus namaycush) induce hepatic monooxygenase activity in their offspring. Binder RL, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):1042-54

Microinjection of carcinogens into rainbow trout embryos: an in vivo carcinogenesis assay. Metcalfe CD, et al. **JNCI** 1984 Nov;73(5):1125-32

Toxicity and teratogenic effects of carbon disulphide in frog embryo. Ghate HV. **Riv Biol** 1985 Spring;78(1):129-31

The toxic and teratogenic effects of selected organophosphorus compounds on the embryos of three species of amphibians. Fulton MH, et al. **Toxicol Lett** 1985 Aug;26(2-3):175-80

[Experimental study of arsenic as a teratogenic agent in development] Vega DE, et al. **Bol Estud Med Biol** 1983 Jul-Oct;32(7-8):417-25 (Eng. Abstr.) **(Spa)**

[Evaluation of the effect of Mycrodyn, Elibac, Nibac and Trop-Fen on cestode eggs] Chavarria M, et al. **Salud Publica Mex** 1984 Sep-Oct;26(5):456-61 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

[Isolation and various properties of beta DNA polymerase from the embryos of the sea urchin Strongylocentrotus intermedius] Terent'ev LL, et al. **Biokhimiia** 1984 Jul; 49(7):1103-9 (Eng. Abstr.) **(Rus)**

METABOLISM

The role of cap methylation in the translational activation of stored maternal histone mRNA in sea urchin embryos.

Caldwell DC, et al. **Cell** 1985 Sep;42(2):691–700

Differential expression of multiple U1 small nuclear RNAs in oocytes and embryos of Xenopus laevis. Forbes DJ, et al. **Cell** 1984 Oct;38(3):681–9

Lipid biosynthesis in amphibian oocyte and embryonic cell-free preparations. Alonso TS, et al. **Comp Biochem Physiol [B]** 1984;79(3):395–400

Sodium balance in eggs and dechorionated embryos of the Atlantic salmon Salmo salar L. exposed to zinc, aluminium and acid waters. Eddy FB, et al. **Comp Biochem Physiol [C]** 1985;81(2):259–66

Epidermal keratin gene expressed in embryos of Xenopus laevis. Jonas E, et al. **Proc Natl Acad Sci USA** 1985 Aug; 82(16):5413–7

[Phospholipids and cholesterol in oocytes and embryos of the loach (Misgurnus fossilis)] Golda EA, et al. **Ukr Biokhim Zh** 1984 Nov–Dec;56(6):668–71 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Experimental in ovo transmission of duck hepatitis B virus. Tsiquaye KN, et al. **J Virol Methods** 1985 May;11(1):49–57

PHYSIOLOGY

Mitochondrial monoamine oxidase activity during preneural developmental stages of Bufo bufo. Senatori O, et al. **Comp Biochem Physiol [C]** 1985;81(2):319–21

Differential expression of the cellular src gene during vertebrate development. Schartl M, et al. **Dev Biol** 1984 Oct;105(2):415–22

Cell-to-cell contact in primary embryonic induction: effects of lectin on electrical coupling and neural induction. Suzuki AS, et al. **Differentiation** 1984;28(1):73–7

Levels of histone H4 diacetylation decrease dramatically during sea urchin embryonic development and correlate with cell doubling rate. Chambers SA, et al. **J Biol Chem** 1984 Nov 10;259(21):13458–63

Normal fates and states of specification of different regions in the axolotl gastrula. Cleine JH, et al **J Embryol Exp Morphol** 1985 Apr;86:247–69

The development of fused- embryos of Drosophila melanogaster. Martinez-Arias A. **J Embryol Exp Morphol** 1985 Jun;87:99–114

The role of Ca2+ in the regulation of embryogenesis in early amphibian and echinoderm embryos. Duncan CJ. **Life Sci** 1984 Dec 17;35(25):2481–8

Cell type-specific activation of actin genes in the early amphibian embryo. Mohun TJ, et al. **Nature** 1984 Oct 25–31;311(5988):716–21

Retardation of embryogenesis by extremely low frequency 60 Hz electromagnetic fields. Cameron IL, et al. **Physiol Chem Phys Med NMR** 1985;17(1):135–8

ULTRASTRUCTURE

Cell surface morphology of the morphogenetically active system of the embryo after treatment with tunicamycin, a glycosylation blocking drug. Nedvidek J, et al. **Histochem J** 1985 May;17(5):529–31

EMBRYO, PREIMPLANTATION see **BLASTOCYST**

EMBRYO RESORPTION see under **FETAL DEATH**

EMBRYO TRANSFER

The diagnostic value of in vitro fertilization and embryo transfer. Gianaroli L, et al. **Acta Eur Fertil** 1984 Jul–Aug; 15(4):249–52

Conception and realization of artificial dyed embryos for training in in vitro fertilization and embryo transfer (IVF and ET). Menezo Y, et al. **Acta Eur Fertil** 1985 Jan–Feb; 16(1):53–8

Gamete quality in human in vitro fertilization. Plachot M, et al. **Acta Eur Fertil** 1984 Nov–Dec;15(6):431–5

Problems related to the implantation of the human egg after in vitro fertilization. Psychoyos A, et al. **Acta Eur Fertil** 1985 Mar–Apr;16(2):107–9

In vitro fertilization and embryo transfer programme in Ljubljana. Tomaževič T, et al. **Acta Eur Fertil** 1985 Mar–Apr;16(2):133–7

Ectopic pregnancy and spontaneous abortions following in-vitro fertilization and embryo transfer. Lindenberg S, et al. **Acta Obstet Gynecol Scand** 1985;64(1):31–4

Ovarian hyperstimulation for successful in vitro fertilization and embryo transfer. Gronow MJ. **Acta Obstet Gynecol Scand [Suppl]** 1985;131:1–80

Contributions of mammalian embryo transfer to developmental genetics. Kraemer DC. **Am J Med Genet** 1984 Aug;18(4):643–8

Biologic and morphologic development of donated human ova recovered by nonsurgical uterine lavage. Buster JE, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):211–7

In vitro fertilization and embryo transfer. **Ann NY Acad Sci** 1985;442:1–619

In vitro fertilization and embryo replacement: opening lecture. Edwards RG. **Ann NY Acad Sci** 1985;442:1–22

Ultrasonic and hormonal evaluation of luteal phases and early ongoing pregnancies after in vitro fertilization and embryo replacement. Feichtinger W, et al. **Ann NY Acad Sci** 1985; 442:445–54

Aspects of multiple embryo transfer. Gronow MJ, et al. **Ann NY Acad Sci** 1985;442:381–6

In vitro studies of human blastocyst implantation. Lindenberg S, et al. **Ann NY Acad Sci** 1985;442:368–74

Culture factors affecting the success rate of in vitro fertilization and embryo transfer. Quinn P, et al. **Ann NY Acad Sci** 1985;442:195–204

Jewish and Moslem aspects of in vitro fertilization and embryo transfer. Schenker JG. **Ann NY Acad Sci** 1985; 442:601–7

The world collaborative report on in vitro fertilization and embryo replacement: current state of the art in January 1984. Seppälä M. **Ann NY Acad Sci** 1985;442:558–63

Monitoring of postimplantation embryo viability by measurement of PAPP-A, SP1, and hCG. Sinosich MJ, et al. **Ann NY Acad Sci** 1985;442:440–4

The selection of couples for in vitro fertilization and embryo replacement. Steptoe P. **Ann NY Acad Sci** 1985;442:487–9

Hormonal and ultrasonic characteristics of 23 clomiphene citrate stimulated cycles resulting in pregnancies after in vitro fertilization and embryo transfer. Hünlich T, et al. **Arch Gynecol** 1984;236(1):19–33

The results of the I.V.F. program in Hobart [letter] Correy JF, et al. **Aust NZ J Obstet Gynaecol** 1984 Aug;24(3):227

Monitoring early production of chorionic gonadotrophin (HCG) following in vitro fertilization and embryo transfer. Hay DL, et al. **Aust NZ J Obstet Gynaecol** 1984 Aug; 24(3):206–9

The use of donor eggs and embryos in the management of human infertility. Leeton J, et al. **Aust NZ J Obstet Gynaecol** 1984 Nov;24(4):265–70 (16 ref.)

Unexplained infertility and the possibilities of management with in vitro fertilization and embryo transfer. Leeton J, et al. **Aust NZ J Obstet Gynaecol** 1984 May;24(2):131–4

The effect of porcine relaxin vaginally applied at human embryo transfer in an in vitro fertilization programme. MacLennan AH, et al. **Aust NZ J Obstet Gynaecol** 1985 Feb;25(1):68–71

Bilateral tubal ectopic pregnancy following in-vitro fertilization and embryo replacement. Case report. Hewitt J, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):850–2

The Warnock report. Warnock M. **Br Med J [Clin Res]** 1985 Jul 20;291(6489):187–90

Clinical implications of developments in in vitro fertilisation. Wood C, et al. **Br Med J [Clin Res]** 1984 Oct 13; 289(6450):978–80

Injection of murine embryonal carcinoma cells and embryo-derived pluripotential cells into mouse blastocysts. Becker K, et al. **Cell Differ** 1984 Dec;15(2–4):195–202

Polyoma virus-induced hemangiomas in grafts of visceral yolk sac and of embryos. Lu YL, et al. **Eur J Cancer Clin Oncol** 1985 May;21(5):631–6

In vitro fertilization and embryo transfer of rabbit oocytes collected at different times after P-LH injection. Al-Hasani S, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Aug; 17(6):417–23

Transfer of fresh and frozen-thawed rabbit embryos to produce live young. Hatton JB, et al. **Experientia** 1985 Jun 15;41(6):755–6

Growth rate of follicular estrogen secretion in relation to the outcome of in vitro fertilization and embryo replacement. Dirnfeld M, et al. **Fertil Steril** 1985 Mar; 43(3):379–84

Delayed appearance of plasmatic chorionic gonadotropin in pregnancies after in vitro fertilization and embryo transfer. Englert Y, et al. **Fertil Steril** 1984 Dec;42(6):835–8

Psychological evaluation and support in a program of in vitro fertilization and embryo transfer. Freeman EW, et al. **Fertil Steril** 1985 Jan;43(1):48–53

The fetus is a graft, both biologically and legally [editorial] Gleicher N. **Fertil Steril** 1984 Dec;42(6):824–5

Serum is not necessary in human in vitro fertilization, early embryo culture, and transfer. Menezo Y, et al. **Fertil Steril** 1984 Nov;42(5):750–5

Monitoring of postimplantation embryo viability following successful in vitro fertilization and embryo transfer by measurement of placental proteins. Sinosich MJ, et al. **Fertil Steril** 1985 Jul;44(1):70–4

Simultaneous ectopic pregnancy with intrauterine twin gestations after in vitro fertilization and embryo transfer. Sondheimer SJ, et al. **Fertil Steril** 1985 Feb;43(2):313–6

The effect of different methods of ovarian stimulation for human in vitro fertilization and embryo replacement. Vargyas JM, et al. **Fertil Steril** 1984 Nov;42(5):745–9

Factors influencing pregnancy rates following in vitro fertilization and embryo transfer. Wood C, et al. **Fertil Steril** 1985 Feb;43(2):245–50

Early luteal serum progesterone concentrations are higher in pregnancy cycles. Yovich JL, et al. **Fertil Steril** 1985 Aug;44(2):185–9

Embryo transfer technique as a cause of ectopic pregnancies in in vitro fertilization. Yovich JL, et al. **Fertil Steril** 1985 Sep;44(3):318–21

Influence of insemination on the implantation of transferred rat blastocysts. Carp HJ, et al. **Gynecol Obstet Invest** 1984; 18(4):194–8

Redefining parenthood and protecting embryos: why we need new laws. Annas GJ. **Hastings Cent Rep** 1984 Oct; 14(5):50–2

Abstracts of the Third World Congress of In Vitro Fertilization and Embryo Transfer. May 14–17, 1984, Helsinki, Finland. **J In Vitro Fert Embryo Transfer** 1984 Jun;1(2):97–151

In vitro fertilization and embryo transfer program in Clamart, France. Belaisch-Allart JC, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):51–5

In vitro fertilization and embryo transfer at North Shore University Hospital: initial experiences. Bronson RA, et al. **J In Vitro Fert Embryo Transfer** 1984 Sep;1(3):204–8

Pregnancies following the frozen storage of expanding human blastocysts. Cohen J, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):59–64

Factors influencing the success of in vitro fertilization for alleviating human infertility. Edwards RG, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):3–23

Legal issues raised by in vitro fertilization and embryo transfer in the United States. Fanta JC. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):65–86

Organization and computerized analysis of in vitro fertilization and embryo transfer programs. Feichtinger W, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):34–41

In vitro fertilization in Norfolk, Virginia, 1980–1983. Garcia J, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):24–8

Brief report of activity within the 6-month period between January 1, 1983, and June 30, 1983, in Vitro Fertilization and Embryo Transfer Program. Hung TT, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):86–8

In vitro fertilization and embryo transfer program, Department of Obstetrics and Gynecology, University of Adelaide at the Queen Elizabeth Hospital, Woodville, South Australia. Kerin JF, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):63–71

Pregnancy without ovarian function. Lutjen P, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):107–8

In vitro fertilization and embryo replacement at the Department of Obstetrics and Gynecology, University of Kiel, F.R.G. Mettler L, et al. **J In Vitro Fert Embryo Transfer** 1984 Dec;1(4):250–62

Deep-freezing and transfer of human embryos. Mohr LR, et al. **J In Vitro Fert Embryo Transfer** 1985 Mar;2(1):1–10

Program for in vitro fertilization and embryo transfer, Department of Obstetrics and Gynecology, University Central Hospital, Turku, Finland. Nikkanen V, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):109–10

Maternal blood platelet physiology and luteal-phase endocrinology as a means of monitoring pre- and postimplantation embryo viability following in vitro fertilization. O'Neill C, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):87–93

Human in vitro fertilization and embryo transfer at the University of Texas, Houston. Quigley MM, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):29–33

Preliminary experience with a combination of clomiphene and variable dosages of menopausal gonadotropins for enhanced follicular recruitment. Quigley MM, et al. **J In Vitro Fert Embryo Transfer** 1985 Mar;2(1):11–6

In vitro fertilization and embryo transfer: the Johns Hopkins Hospital, Baltimore, Maryland. Rock JA, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):110–2

Initial experience with in vitro fertilization and embryo transfer at the University of Calgary/Foothills Hospital. Taylor PJ, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):112–3

The application of electron microscopy in the evaluation of two- to four-cell human embryos cultured in vitro for embryo transfer. Trounson A, et al. **J In Vitro Fert Embryo Transfer** 1984 Sep;1(3):153–65

In vitro fertilization and embryo transfer in Pretoria, South Africa. Van der Merwe JV, et al. **J In Vitro Fert Embryo Transfer** 1985 Mar;2(1):55–6

Ultrasound as a diagnostic and operative tool for in vitro fertilization and embryo replacement (IVF/ER) program. Wikland M, et al. **J In Vitro Fert Embryo Transfer** 1984 Dec;1(4):213–6

Clinical experiences with in vitro fertilization-embryo transfer at Mount Sinai Hospital Medical Center of Chicago. Young RJ, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):93–4

Cleavage beyond the block stage and survival after transfer of early bovine embryos cultured with trophoblastic vesicles. Camous S, et al. **J Reprod Fertil** 1984 Nov; 72(2):479–85

Effects of cryoprotectants on human oocyte [letter] Bernard A, et al. **Lancet** 1985 Mar 16;1(8429):632–3

Salivary progesterone profile after in-vitro fertilisation/embryo transfer [letter] Cedard L, et al. **Lancet** 1985 Mar 9;1(8428):577–8

Birth after replacement of hatching blastocyst cryopreserved at expanded blastocyst stage [letter] Cohen J, et al. **Lancet** 1985 Mar 16;1(8429):647

A government bill on surrogate motherhood? Deitch R. **Lancet** 1985 Jan 19;1(8421):178

Human fertilisation in vitro compared with nature [letter] Fleming J, et al. **Lancet** 1985 Jan 19;1(8421):168

Causes of implantation failure after in-vitro fertilisation and embryo transfer [letter] O'Neill C, et al. **Lancet** 1985 Sep 14;2(8455):615

Birth after transfer of cryopreserved embryos. Downing BG, et al. **Med J Aust** 1985 Apr 1;142(7):409–11

In vitro fertilization at the North Carolina Memorial Hospital in Chapel Hill. Talbert LM, et al. **NC Med J** 1985 Jun; 46(6):338–40

Control of bluetongue virus spread by embryo transfer. Thomas FC, et al. **Prog Clin Biol Res** 1985;178:653–4

In vitro fertilization: problems in culture conditions and embryo transfer. Wramsby H, et al. **Zentralbl Gynakol** 1984;106(13):907–10

[Legal admissibility and the consequences of artificial insemination and inovulation] Haderka J. **Cesk Gynekol** 1985 Jul;50(6):431–6 **(Cze)**

[Tubal pregnancy after fertilization in vitro and transfer of the embryo into the uterus] Pilka L, et al. **Cesk Gynekol** 1984 Nov;49(9):649–51 (Cze)

[Pregnancy after human embryo transfer preserved by freezing] Presl J. **Cesk Gynekol** 1985 Mar;50(2):149–50 **(Cze)**

[Criteria for evaluating the quality of embryos obtained by IVF and their aptitude for implantation] Humeau C. **Ann Biol Clin (Paris)** 1985;43(1):23–6 (Eng. Abstr.) **(Fre)**

[In vitro fertilization and human embryo transfer: biological problems] Balerna M, et al. **J Genet Hum** 1984 Jul;32(3):229–33 (Eng. Abstr.) **(Fre)**

[Indications for in vitro fertilization and embryo transfer] Campana A, et al. **J Genet Hum** 1984 Jul;32(3):235–41 (Eng. Abstr.) **(Fre)**

[Medical genetics and in vitro fertilization with embryo transfer] Pescia G. **J Genet Hum** 1984 Jul;32(3):243–4 **(Fre)**

[Results of preparatory surgery for in vitro fertilization with embryo transfer] Cohen J, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(2):223–5 (Eng. Abstr.) **(Fre)**

[In vitro fertilization and embryo transfer in the treatment of infertility] Dubois M. **Rev Med Liege** 1985 Jun 1;40(11):438–62 **(Fre)**

[Chromosome studies in early human embryo stages] Michelmann HW. **Fortschr Med** 1985 Mar 14;103(10):265–7 (Eng. Abstr.) **(Ger)**

[Current status of in vitro fertilization, indications and current problems] Feichtinger W, et al. **Zentralbl Gynakol** 1984;106(13):900–6 (Eng. Abstr.) **(Ger)**

[Extracorporeal fertilization and embryo transfer] Haake KA. **Zentralbl Gynakol** 1984;106(13):885–91 (Eng. Abstr.) **(Ger)**

[Personal experience with in vitro fertilization and embryo transfer] Pilka L, et al. **Zentralbl Gynakol** 1984;106(13):928–31 (Eng. Abstr.) **(Ger)**

[Ectopic pregnancy following in vitro fertilization and embryo transfer] Sudik R, et al. **Zentralbl Gynakol** 1984;106(22):1495–9 (Eng. Abstr.) **(Ger)**

[Regulations for practice of human in vitro fertilization and embryo transfer (editorial)] Schenker JG, et al. **Harefuah** 1985 Feb 1;108(3):153–4 **(Heb)**

[Preliminary data on our experience of in vitro fertilization-embryo transfer in the treatment of sterility] Di Gregorio A, et al. **Minerva Ginecol** 1984 Sep;36(9):529–33 (Eng. Abstr.) **(Ita)**

[On brain death, organ transplantation, artificial abortion, euthanasia and embryo transport] Takagi K. **Nippon Naika Gakkai Zasshi** 1984 Aug;73(8):1111–27 **(Jpn)**

[The first babies in Norway after in vitro fertilization] Kahn JA, et al. **Tidsskr Nor Laegeforen** 1985 Mar 20;105(8):565–7 (Eng. Abstr.) **(Nor)**

[Development and survival of mouse embryos in intra- and interstrain transplants] Titok TG, et al. **Tsitol Genet** 1984 Nov–Dec;18(6):433–7 (Eng. Abstr.) **(Rus)**

[Biomedical, ethical and legal aspects of the various modern possibilities of motherhood] Berić BM. **Med Pregl** 1984;37(11–12):489–91 **(Ser)**

[Pregnancy obtained by in vitro fertilization and embryo transfer] Costoya A, et al. **Rev Chil Obstet Ginecol** 1984;49(3):206–16 (Eng. Abstr.) **(Spa)**

INSTRUMENTATION

Instrument failure in in vitro fertilization: a case report. Hinduja I, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):108–9

[Bloodless transfer of early bovine embryos in relation to the biological properties of the materials used] Holý L, et al. **Vet Med (Praha)** 1984 Jul;29(7):401–9 (Eng. Abstr.) **(Cze)**

METHODS

Embryo transfer. Jones HW Jr. **Ann NY Acad Sci** 1985;442:375–80

Selection of agents for enhanced follicular recruitment in an in vitro fertilization and embryo replacement treatment program. Quigley MM. **Ann NY Acad Sci** 1985;442:96–111

Laparoscopic technique for the transfer of embryos in sheep. Walker SK, et al. **Aust Vet J** 1985 Mar;62(3):105–6

Successful pregnancies from the transfer of pronucleate embryos in an outpatient in vitro fertilization program. Ahuja KK, et al. **Fertil Steril** 1985 Aug;44(2):181–4

Successful in vitro fertilization and embryo transfer in cynomolgus monkeys. Balmaceda JP, et al. **Fertil Steril** 1984 Nov;42(5):791–5

Ultrasound guidance for human embryo transfer. Strickler RC, et al. **Fertil Steril** 1985 Jan;43(1):54–61

In vitro fertilization of human oocytes in the clinical laboratory. Chan PJ, et al. **J Am Osteopath Assoc** 1984 Dec;84(4):339–42

Various techniques for oocyte recovery in an in vitro fertilization and embryo transfer program. Belaisch-Allart JC, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):99–104

Oocyte retrieval for in-vitro fertilisation by ultrasonically guided needle aspiration via the urethra. Parsons J, et al. **Lancet** 1985 May 11;1(8437):1076–7

Results of phase I of the in vitro fertilization and embryo transfer programme at Tygerberg Hospital. Kruger TF, et al. **S Afr Med J** 1985 May 11;67(19):751–4

In vitro fertilization and embryo transfer in Pretoria. van der Merwe JV, et al. **S Afr Med J** 1984 Oct 27;66(17):641–4

Normal lambs born following transfer of embryos by laparoscopy [letter] McKelvey WA, et al. **Vet Rec** 1984 Sep 1;115(9):230

[Simplified method for the nonsurgical transplantation of embryos in mice] Petrov M, et al. **Vet Med Nauki** 1985;22(1):63–8 (Eng. Abstr.) **(Bul)**

[Ultrasonic folliculometry in an in vitro fertilization and embryo transfer program] Malý Z, et al. **Cesk Gynekol** 1985 Jul;50(6):406–9 (Eng. Abstr.) **(Cze)**

[In vitro fertilization and embryo transplantation: from experiment to treatment method for infertility] te Velde ER, et al. **Ned Tijdschr Geneeskd** 1984 Oct 27;128(43):2039–45 **(Dut)**

[In vitro fertilization and embryo transfer in gonadotropin-stimulated cycles] Mettler L, et al. **Fortschr Med** 1985 Mar 14;103(10):253–8 (Eng. Abstr.) **(Ger)**

[An encouraging balance. Technology of obstetrics--embryo transfer--difficulty of tumor therapy--diagnosis, after care and education] Stoll P. **Fortschr Med** 1985 Jan 10;103(1–2):20–2 **(Ger)**

[Results of diagnostic hysteroscopies in an in vitro fertilization/embryo transfer program] Bordt J, et al. **Geburtshilfe Frauenheilkd** 1984 Dec;44(12):813–5 (Eng. Abstr.) **(Ger)**

[Pregnancy following ultrasound guided transabdominal-transvesicle follicle puncture under peridural anesthesia within the scope of an IVF program] Habermann PG, et al. **Geburtshilfe Frauenheilkd** 1984 Oct;44(10):667–9 (Eng. Abstr.) **(Ger)**

[Pregnancy and birth of monozygous female twins following in vitro fertilization and embryo transfer] Mettler L, et al. **Geburtshilfe Frauenheilkd** 1984 Oct;44(10):670–6 (Eng. Abstr.) **(Ger)**

[In vitro fertilization and embryo transfer. Personal experiences in the introduction of laboratory methodology] Fliess FR, et al. **Zentralbl Gynakol** 1984;106(22):1483–90 (Eng. Abstr.) **(Ger)**

[Human in vitro fertilization and embryo transfer] Trounson A, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul;37(7):1231–40 (44 ref.) **(Jpn)**

VETERINARY

Anaplasmosis in embryo transfer cattle [letter] Coy CH, et al. **J Am Vet Med Assoc** 1984 Oct 1;185(7):720–1

Effect of age of equine embryos and method of transfer on pregnancy rate. Iuliano MF, et al. **J Anim Sci** 1985 Jan;60(1):258–63

Applications of embryo transfer and related technologies to cattle. Seidel GE Jr. **J Dairy Sci** 1984 Nov;67(11):2786–96 (41 ref.)

Superovulation and egg transfer in the ewe. Torrès S, et al. **Reprod Nutr Dev** 1984;24(5A):623–31

Importation of NZ bovine frozen embryos to Chile [letter] Correa JE, et al. **Vet Rec** 1984 Dec 8;115(23):605–6

Estimation of superovulation response in donor cows. Donaldson LE. **Vet Rec** 1985 Jul 13;117(2):33–4

Collection of embryos from ewes by laparoscopy [letter] McKelvey WA, et al. **Vet Rec** 1984 Aug 18;115(7):158

Direct transfer of frozen cow embryos in glycerol-sucrose. Massip A, et al. **Vet Rec** 1984 Sep 29;115(13):327–8

[Use of culled cows as embryo donors] Říha J. **Vet Med (Praha)** 1984 Aug;29(8):457–64 (Eng. Abstr.) **(Cze)**

[Possibilities for the use of micromanipulation on bovine embryos under field conditions] Görlach A, et al. **DTW** 1985 Jan 6;92(1):10–1 (Eng. Abstr.) **(Ger)**

[Short-time in vitro insemination of rabbit oocytes collected in vivo and autologous transfer] Al-Hasani S. **DTW** 1985 Jan 6;92(1):12–3 (Eng. Abstr.) **(Ger)**

[In vitro fertilization and further development of deep-frozen/thawed mouse oocytes] Michaelis U, et al. **DTW** 1985 Jan 6;92(1):16–8 (Eng. Abstr.) **(Ger)**

[Monozygotic twins following the nonsurgical transfer of a deep-frozen and rethawed bovine embryo] Niemann H, et al. **DTW** 1984 Jul 24;91(7–8):266–7 **(Ger)**

[Results of bovine embryo transfer in Nueckel/Bremerhaven 1983/84] Roselius R. **DTW** 1985 Jan 6;92(1):11–2 (Eng. Abstr.) **(Ger)**

[Production of chimeras by embryo microsurgery and their possible application in cattle breeding] Kräusslich H, et al. **Tierarztl Prax** 1985;Suppl 1:50–7 (Eng. Abstr.) **(Ger)**

EMBRYOLOGY

A bill that should be stopped [editorial] **Br Med J [Clin Res]** 1985 Feb 23;290(6468):586

The Patten Embryology Research collection [letter] Burdi AR. **Cleft Palate J** 1985 Apr;22(2):135–6

Interactions between developmental biology and teratology. Brent RL. **Prog Clin Biol Res** 1985;171:309–20

[A brief review of the literature for deep-freezing cattle embryos] Hoogenkamp H. **Tijdschr Diergeneeskd** 1985 Feb 15;110(4):145–9 (Eng. Abstr.) **(Dut)**

EDUCATION

[Methodologic trends in teaching histology, cytology and embryology in medical universities and in the medical colleges of universities] Knorre AG, et al. **Arkh Anat Gistol Embriol** 1984 Aug;87(8):86–9 **(Rus)**

HISTORY

Hartsoeker's homonculus: a corrective note. Hill KA. **J Hist Behav Sci** 1985 Apr;21(2):178–9

French embryology and the 'mechanics of development' from 1887 to 1910: L. Chabry, Y. Delage & E. Bataillon. Fischer JL, et al. **Pubbl Stn Zool Napoli [II]** 1984;6(1):25–39

[Contribution of A. G. Knorre to the development of modern embryology] Tokin BP, et al. **Arkh Anat Gistol Embriol** 1984 Jul;87(7):92–4 **(Rus)**

[The founding of the Histo-embryology Institute of the Medical School of Comenius University in Bratislava] Kapeller K, et al. **Bratisl Lek Listy** 1985 Aug;84(2):232–6 (Eng. Abstr.) **(Slo)**

METHODS

A potential microneurosurgical method for the manipulation of the developing nervous system of the postimplantation mouse embryo in utero. I. Injection methods. Ilgren EB, et al. **J Neurosci Methods** 1985 May;13(3–4):191–7

TRENDS

Homoeo boxes and strings for the packaging of genes? [news] Hogan B. **Nature** 1985 Apr 25–May 1;314(6013):670–1

[The contribution of D. A. Biriukov to embryonic physiology and the further development of his ideas] Bogdanov OV. **Fiziol Zh SSSR** 1984 Sep;70(9):1248–55 (Eng. Abstr.) **(Rus)**

EMBRYONIC INDUCTION see under **CELL DIFFERENTIATION**

EMBRYOPATHIES see **FETAL DISEASES**

EMBRYOTOXINS see **TERATOGENS**

EMEPRONIUM see under **AMMONIUM COMPOUNDS**

EMERGENCIES

see related
CRISIS INTERVENTION
CRITICAL CARE
EMERGENCY SERVICE, HOSPITAL
FIRST AID

Emergency versus elective microsurgery. Eibschitz I, et al. **Acta Eur Fertil** 1984 Jul–Aug;15(4):253–6

Hypertensive emergencies. Burris JF. **Am Fam Physician** 1985 Jul;32(1):97–109

Emergency bone marrow infusions [letter] Turkel H. **Am J Dis Child** 1985 May;139(5):438–9

The Belfast experience with resuscitation ambulances. Adgey AA. **Am J Emerg Med** 1984 May;2(3):193–9

Kawasaki's disease: another cause for fever in the pediatric patient. Altieri M, et al. **Am J Emerg Med** 1983 Nov;1(3):302–5

Cardiac toxicity associated with acute maprotiline self-poisoning. Bergman RN, et al. **Am J Emerg Med** 1984 Mar;2(2):144–6

Dog bites in children: epidemiology, microbiology, and penicillin prophylactic therapy. Boenning DA, et al. **Am J Emerg Med** 1983 Jul;1(1):17–21

Bronchial asthma in adults: presentation to the emergency department. Part I: Pathogenesis, clinical manifestations, diagnostic evaluation, and differential diagnosis. Brenner BE. **Am J Emerg Med** 1983 Jul;1(1):50–70 (293 ref.)

Bronchial asthma in adults: presentation to the emergency department. Part II: Sympathomimetics, respiratory failure, recommendations for initial treatment, indications for admission, and summary. Brenner BE. **Am J Emerg Med** 1983 Nov;1(3):306–33 (467 ref.)

New approach to finger entrapment. Camargo CA. **Am J Emerg Med** 1984 Mar;2(2):156

Premonitory neurologic signs in a patient with an acute vertex epidural hematoma. Cordell W, et al. **Am J Emerg Med** 1983 Nov;1(3):288–91

Subxiphoid pericardial window in traumatic pericardial tamponade. Courcy PA, et al. **Am J Emerg Med** 1984 Mar;2(2):153–5

Emergency airway control: its role in total CPR. Don Michael TA. **Am J Emerg Med** 1983 Nov;1(3):351–5

Survivors of out-of-hospital cardiac arrest: morbidity and long-term survival. Eisenberg MS, et al. **Am J Emerg Med** 1984 May;2(3):189–92

Cardiac arrest reporting: a call for more details [editorial] Eliastam M. **Am J Emerg Med** 1984 May;2(3):278–9

Theophylline concentrations in the emergency treatment of acute bronchial asthma. Emerman CL, et al. **Am J Emerg Med** 1983 Jul;1(1):12–6

Cardiovascular collapse and pulseless idioventricular rhythm [clinical conference] Goodenberger DM, et al. **Am J Emerg Med** 1983 Sep;1(2):215–25

The use of calcium in cardiac resuscitation. Harrison EE, et al. **Am J Emerg Med** 1983 Nov;1(3):267–73

Penetrating orbital trauma. Hoffman JR, et al. **Am J Emerg Med** 1983 Jul;1(1):22–7

Esophageal perforation following use of esophageal obturator airway (EOA). Hoffman JR, et al. **Am J Emerg Med** 1983 Nov;1(3):282–7

Emergency catheterization of the superior vena cava in pediatric patients. Irwin G Jr, et al. **Am J Emerg Med** 1984 Nov;2(6):494–6

Sudden cardiac death due to hypoglycemia. Iscovich AL. **Am J Emerg Med** 1983 Jul;1(1):28–9

Dog bites in children [letter] Kelen GD, et al. **Am J Emerg Med** 1984 Jan;2(1):111–2

Atheromatous embolization. Kiechle FL, et al. **Am J Emerg Med** 1983 Nov;1(3):299–301

Central nervous system depression from ingestion of nonprescription eyedrops. Klein-Schwartz W, et al. **Am J Emerg Med** 1984 May;2(3):217–8

Cerebral resuscitation by use of verapamil in a victim of near-drowning. Kollar DJ. **Am J Emerg Med** 1984 Mar;2(2):148–52

The role of paramedics in resuscitation of patients with prehospital cardiac arrest from coronary artery disease. Lewis RP, et al. **Am J Emerg Med** 1984 May;2(3):200–3

Cyanide poisoning treated with hyperbaric oxygen [clinical conference] Litovitz TL, et al. **Am J Emerg Med** 1983 Jul;1(1):94–101

Transcutaneous oxygen monitoring in the emergency department [letter] Maningas PA, et al. **Am J Emerg Med** 1984 Mar;2(2):181–2

Carbon monoxide poisoning [clinical conference] Mofenson HC, et al. **Am J Emerg Med** 1984 May;2(3):254–61

Emergency psychopharmacology. O'Shanick GJ. **Am J Emerg Med** 1984 Mar;2(2):164–70

Antivenin therapy in the emergency department. Otten EJ. **Am J Emerg Med** 1983 Jul;1(1):83–93

Otitis media in early infancy. Papadeas VA, et al. **Am J Emerg Med** 1984 May;2(3):251–3

The psychological impact of trauma: recognition and treatment. Peterson L. **Am J Emerg Med** 1983 Jul;1(1):102–6

Pediatric occult bacteremia. Rosenberg N. **Am J Emerg Med** 1983 Sep;1(2):231–7

Epiglottitis. Selbst SM. **Am J Emerg Med** 1983 Nov;1(3):342–50

Rapid fluid resuscitation by use of two intravenous lines and a subclavian hemodialysis catheter. Silfen EZ, et al. **Am J Emerg Med** 1984 Mar;2(2):157–9

Peritoneal lavage for the diagnosis of abdominal visceral injury. Sturm JT, et al. **Am J Emerg Med** 1984 May;2(3):246–50

The spectrum of toxic shock syndrome. Thek J, et al. **Am J Emerg Med** 1983 Jul;1(1):30–4

Endotracheal drug therapy. Ward JT Jr. **Am J Emerg Med** 1983 Jul;1(1):71–82

Antitetanus prophylaxis in the emergency department [letter] White JD, et al. **Am J Emerg Med** 1984 May;2(3):280–1

Transthoracic pacing in cardiac asystole. White JD. **Am J Emerg Med** 1983 Nov;1(3):264–6

AIDS: a public health and psychological emergency. Batchelor WF. **Am Psychol** 1984 Nov;39(11):1279–84

Emergency equipment in labor suite [letter] Boucek CD, et al. **Anesthesiology** 1984 Oct;61(4):478–9

Emergency coronary artery bypass surgery following intracoronary streptokinase. Goldberg M, et al. **Anesthesiology** 1984 Nov;61(5):601–4

Amniotic fluid embolism and emergency cardiac care [letter] **Ann Emerg Med** 1984 Dec;13(12):1172–3

Advanced prehospital care for pediatric emergencies. Applebaum D. **Ann Emerg Med** 1985 Jul;14(7):656–9

Traumatic cardiac arrest: scope of paramedic services. Aprahamian C, et al. **Ann Emerg Med** 1985 Jun;14(6):583–6

Hospital-based rotorcraft aeromedical emergency care services and trauma mortality: a multicenter study. Baxt WG, et al. **Ann Emerg Med** 1985 Sep;14(9):859–64

Borderline personality disorder [clinical conference] Burkle FM Jr, et al. **Ann Emerg Med** 1985 Oct;14(10):996–1001

Proving the efficacy of hospital-based HEMS [editorial] Burney RE, et al. **Ann Emerg Med** 1985 Sep;14(9):927–8

Utilization of medical care in Orange County: the effect of implementation of a regional trauma system. Cales RH, et al. **Ann Emerg Med** 1985 Sep;14(9):853–8

Epidemiology of fatal tricyclic antidepressant ingestion: implications for management. Callaham M, et al. **Ann Emerg Med** 1985 Jan;14(1):1–9

Automatic external defibrillators: clinical, training, psychological, and public health issues. Cummins RO, et al. **Ann Emerg Med** 1985 Aug;14(8):755–60

The risk of percutaneous chest tube thoracostomy for blunt thoracic trauma. Daly RC, et al. **Ann Emerg Med** 1985 Sep;14(9):865–70

Neurotoxicity of meperidine. Goetting MG, et al. **Ann Emerg Med** 1985 Oct;14(10):1007–9

Are urine dipsticks reliable indicators of hematuria in blunt trauma patients? Goldner AP, et al. **Ann Emerg Med** 1985 Jun;14(6):580–2

Early prehospital cardiopulmonary resuscitation [letter] Goodenberger DM. **Ann Emerg Med** 1985 Jun;14(6):615

A standard comparison of esophageal obturator airway and endotracheal tube ventilation in cardiac arrest. Hammargren Y, et al. **Ann Emerg Med** 1985 Oct;14(10):953–8

Blunt abdominal trauma causing jejunal rupture. Harris CR. **Ann Emerg Med** 1985 Sep;14(9):916–8

Coin ingestion: does every child need a radiograph? Hodge D 3d, et al. **Ann Emerg Med** 1985 May;14(5):443–6

Comparison of EMT blood pressure measurements with an automated blood pressure monitor: on scene, during transport, and in the emergency department. Hunt RC, et al. **Ann Emerg Med** 1985 Sep;14(9):871–5

Management of acutely poisoned patients without gastric emptying. Kulig K, et al. **Ann Emerg Med** 1985 Jun;14(6):562–7

Should the emergency IVP be used more selectively in blunt renal trauma? Levitt MA, et al. **Ann Emerg Med** 1985 Oct;14(10):959–65

Yohimbine: a new street drug. Linden CH, et al. **Ann Emerg Med** 1985 Oct;14(10):1002–4

Emergency evaluation of cervical spine injuries: CT versus plain radiographs. Mace SE. **Ann Emerg Med** 1985 Oct;14(10):973–5

Blunt chest trauma and suspected aortic rupture: reliability of chest radiograph findings. Marnocha KE, et al. **Ann Emerg Med** 1985 Jul;14(7):644–9

Diltiazem for myocardial protection in CPR [letter] Meuret GH. **Ann Emerg Med** 1984 Dec;13(12):1168

Cutaneous blisters and carbon monoxide poisoning. Myers RA, et al. **Ann Emerg Med** 1985 Jun;14(6):603–6

Artificial perfusion techniques during cardiac arrest: questions of experimental focus versus clinical need. Niemann JT. **Ann Emerg Med** 1985 Aug;14(8):761–8 (49 ref.)

Coagulation abnormalities in traumatic shock. Ordog GJ, et al. **Ann Emerg Med** 1985 Jul;14(7):650–5

Endotracheal diazepam in status epilepticus [letter] Pasternak SJ, et al. **Ann Emerg Med** 1985 May;14(5):485–6

Trauma systems and their meaning [editorial] Podgorny G. **Ann Emerg Med** 1985 Sep;14(9):929

Serum chemistry abnormalities in adult patients with seizures. Powers RD. **Ann Emerg Med** 1985 May;14(5):416–20

Lack of effectiveness of calcium chloride in refractory asystole. Stueven HA, et al. **Ann Emerg Med** 1985 Jul;14(7):630–2

The effectiveness of calcium chloride in refractory electromechanical dissociation. Stueven HA, et al. **Ann Emerg Med** 1985 Jul;14(7):626–9

Comparison of clinical CPR studies in Milwaukee and elsewhere in the United States. Thompson BM, et al. **Ann Emerg Med** 1985 Aug;14(8):750–4

Clinical findings and legal resolution in sexual assault. Tintinalli JE, et al. **Ann Emerg Med** 1985 May;14(5):447–53

Asthma guidelines [letter] Verbeek PR. **Ann Emerg Med** 1985 Sep;14(9):935–6

Clinical evaluation of Epi-Lock—a semiocclusive dressing. Wayne MA. **Ann Emerg Med** 1985 Jan;14(1):20–4

Syncope and conduction disturbances following sublingual nifedipine for hypertension. Zangerle KF, et al. **Ann Emerg Med** 1985 Oct;14(10):1005–6

Surgical emergencies and manpower [letter] **Ann R Coll Surg Engl** 1984 Nov;66(6):450

Emergency coronary artery bypass graft surgery for threatened acute myocardial infarction related to coronary artery catheterization. Roberts AJ, et al. **Ann Thorac Surg** 1985 Feb;39(2):116–24

The laryngeal mask airway—a possible new solution to airway problems in the emergency situation. Brain AI. **Arch Emerg Med** 1984 Dec;1(4):229–32

The plasma kallikrein kinin system in severely ill and traumatised patients. Cumming AD, et al **Arch Emerg Med** 1984 Sep;1(3):135–42

Mild analgesics and the accident and emergency department—cost and safety more important than potency? Yates DW, et al. **Arch Emerg Med** 1984 Dec;1(4):197–203

Mass hysteria. Diagnosis and treatment in the emergency room. Levine RJ. **Arch Intern Med** 1984 Oct;144(10):1945–6

The hyperventilation (overbreathing) syndrome. Chapman PJ. **Aust Dent J** 1984 Oct;29(5):321–3

Speargun injury. Walpole B. **Aust Fam Physician** 1985 Jul;14(7):701

Biogenic amine/metabolite response during in-flight emergencies. Krahenbuhl GS, et al. **Aviat Space Environ Med** 1985 Jun;56(6):576–80

The airline passenger undergoing withdrawal or overdose from narcotics or other drugs. Lyman JL, et al. **Aviat Space Environ Med** 1985 May;56(5):451–6

Treatment of the emergency patient. Nehammer CF. **Br Dent J** 1985 Apr 6;158(7):245–54

Treatment without consent: emergency. By our legal correspondent. **Br Med J [Clin Res]** 1985 May 18;290(6480):1505–6

Medical patients aged 65 and over admitted to an accident and emergency department [letter] **Br Med J [Clin Res]** 1985 Sep 7;291(6496):675–6

Do emergency tests help in the management of acute medical admissions? [letter] **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1379–80

Do emergency tests help in the management of acute medical admissions? Sandler G. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):973–7

Be prepared for medical emergencies in the dental office. Zweig S, et al. **Can Dent Assoc J** 1985 Mar;51(3):198–9

Contact lens hospital emergencies. Kersley HJ, et al. **CLAO J** 1985 Apr-Jun;11(2):115–7

Role of the emergency physician in treatment of the poisoned patient. Guzzardi LJ. **Clin Lab Med** 1984 Sep;4(3):615–25

Acute iron poisoning in children. Henretig FM, et al. **Clin Lab Med** 1984 Sep;4(3):575–86

Evaluating exposures to plants. Kunkel DB, et al. **Clin Lab Med** 1984 Sep;4(3):603–14 (44 ref.)

Anesthetic emergencies. Smith BE. **Clin Obstet Gynecol** 1985 Jun;28(2):391–404

Epidemiologic study of dental emergencies among utilizers in an insured population in Washington, USA. Ngim CH, et al. **Community Dent Oral Epidemiol** 1984 Oct;12(5):337–42

Emergency department use of transcutaneous pacing for cardiac arrests. Dalsey WC, et al. **Crit Care Med** 1985 May;13(5):399–401

Complications after overdose with tricyclic antidepressants. Stern TA, et al. **Crit Care Med** 1985 Aug;13(8):672–4

Predictors of myocardial infarction in emergency room patients. Tierney WM, et al. **Crit Care Med** 1985 Jul;13(7):526–31

Symposium on environmental emergencies. **Emerg Med Clin North Am** 1984 Aug;2(3):457–698

Symposium on emergency department radiology. **Emerg Med Clin North Am** 1985 Aug;3(3):423–640

Symposium on medical toxicology. **Emerg Med Clin North Am** 1984 Feb;2(1):1–202

Symposium on adult respiratory emergencies. **Emerg Med Clin North Am** 1983 Aug;1(2):221–472

Symposium on pediatric emergencies. **Emerg Med Clin North Am** 1983 Apr;1(1):1–220

Musculoskeletal trauma. Burgess AR, et al. **Emerg Med Clin North Am** 1984 Nov;2(4):871–82

Abdominal trauma. Cayten CG. **Emerg Med Clin North Am** 1984 Nov;2(4):799–821

Emergency department management of head injuries. Gennarelli TA. **Emerg Med Clin North Am** 1984 Nov;2(4):749–60

Urologic trauma. Hanno PM, et al. **Emerg Med Clin North Am** 1984 Nov;2(4):823–41

Emergency care of the pregnant traumatized patient. Haycock CE. **Emerg Med Clin North Am** 1984 Nov;2(4):843–51

Prehospital trauma care. Jacobs LM, et al. **Emerg Med Clin North Am** 1984 Nov;2(4):717–32

Emergency management of injuries to the eye and adnexa. Kozart DM, et al. **Emerg Med Clin North Am** 1984 Nov;2(4):883–98

Initial assessment and resuscitation. Lewis FR. **Emerg Med Clin North Am** 1984 Nov;2(4):733–48

Maxillofacial injuries. Manson PN. **Emerg Med Clin North Am** 1984 Nov;2(4):761–82

Emergency department treatment of chest injuries. Mattox KL, et al. **Emerg Med Clin North Am** 1984 Nov;2(4):783–97

Emergency department evaluation of musculoskeletal injuries. Rosenthal RE. **Emerg Med Clin North Am** 1984 May;2(2):219–44 (17 ref.)

Vascular injuries. Soderstrom CA, et al. **Emerg Med Clin North Am** 1984 Nov;2(4):853–68

Pediatric trauma. Templeton JM Jr, et al. **Emerg Med Clin North Am** 1984 Nov;2(4):899–912

Therapeutic use of adenosine for terminating spontaneous paroxysmal supraventricular tachycardia. Munoz A, et al. **Eur Heart J** 1984 Sep;5(9):735–8

Pharmacology of antiarrhythmic drugs for the clinician—medical emergencies and chronic treatment. Storstein L. **Eur Heart J** 1984 Sep;5 Suppl B:59–62

Emergency treatment of acute psychosis, agitation, and anxiety. Ellison JM. **Hosp Community Psychiatry** 1985 Apr;36(4):351–2

Adult respiratory distress syndrome in a pediatric patient. Nugent SK. **Indiana Med** 1985 Feb;78(2):104–7

Accident and emergency content of general surgical workload. Sellu DP, et al. **Injury** 1985 Jul;16(7):457–60

Surgical emergencies in the dental office. Hardman EG. **Int Dent J** 1984 Dec;34(4):245–8

Diaphragmatic hernia as a complication of the Heimlich maneuver. Ujjin V, et al. **Int Surg** 1984 Apr-Jun;69(2):175–6

Establishment of independent responding to a fire alarm in a blind, profoundly retarded adult. Cohen IL. **J Behav Ther Exp Psychiatry** 1984 Dec;15(4):365–7

Relationship between acute physiologic derangement and risk of death. Knaus WA, et al. **J Chronic Dis** 1985;38(4):295–300

Cervical spine trauma in a pregnant patient. Cantrill S. **J Emerg Med** 1984;1(3):275–82

Transcutaneous cardiac pacing. Dalsey W, et al. **J Emerg Med** 1984;1(3):201–5

Traumatic hernia of the anterior abdominal wall. Fullerton JC, et al. **J Emerg Med** 1984;1(3):213–7

Neuroleptic malignant syndrome. Irwin GE Jr, et al. **J Emerg Med** 1984;1(3):207–11

Carbon monoxide poisoning. Myers RA. **J Emerg Med** 1984;1(3):245–8

Carbon monoxide poisoning: mechanisms, presentation, and controversies in management. Olson KR. **J Emerg Med** 1984;1(3):233–43

Abdominal wall hematoma: case report and subject review. Simon BC, et al. **J Emerg Med** 1984;1(3):219–22

Rib spreader laceration: a confusing artifact of emergency thoracotomy. Dixon DS, et al. **J Forensic Sci** 1983 Jan;28(1):255–62

Blunt hepatic injury and elevated hepatic enzymes: a clinical correlation in children. Oldham KT, et al. **J Pediatr Surg** 1984 Aug;19(4):457-61

Bystander response to arterial bleeding: helping skills, the decision-making process, and differentiating the helping response. Shotland RL, et al. **J Pers Soc Psychol** 1985 Aug;49(2):347-56

A central apnoea extension alarm. Brown G, et al. **J R Army Med Corps** 1984 Oct;130(3):192

Israeli parents' role in emergencies. Kushnir T. **J Soc Psychol** 1985 Feb;125(1):75-9

Intraluminal balloon catheter occlusion for major vena cava injuries. Ravikumar S, et al. **J Trauma** 1985 May;25(5):458-60

In emergencies, second opinions are not mandatory [letter] Kunkle RF. **JAMA** 1985 May 3;253(17):2491

Out-of-hours tests: discuss first [letter] Behrman R, et al. **Lancet** 1985 Jun 8;1(8441):1334

Absence of seasonality in emergency hospital admissions for inflammatory bowel disease [letter] Don BA, et al. **Lancet** 1984 Nov 17;2(8412):1156-7

Medical students' experiences in medical emergency procedures upon qualification. Hunskaar S, et al. **Med Educ** 1985 Jul;19(4):294-8

Priapism—the occasional surgical emergency: a case report. Mahamooth Z, et al. **Med J Malaysia** 1984 Jun;39(2):167-9

A triage and emergency treatment model for combat medics on the chemical battlefield. Xenakis SN, et al. **Milit Med** 1985 Aug;150(8):411-5

'Tis the season to do folly: horrendous holiday horticultural happenings. Mack RB. **NC Med J** 1984 Dec;45(12):791-3

Traumatic acute epidural hematoma [letter] Alexander E Jr. **Neurosurgery** 1985 May;16(5):731

Emergency orbital decompression. Bedrossian RH. **Ophthalmic Surg** 1985 May;16(5):293-5

Selective emergency arteriography in cases of penetrating maxillofacial trauma. Kreutz RW, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):18-22

The management of medical emergencies in otolaryngology. Sussman GL, et al. **Otolaryngol Clin North Am** 1984 Nov;17(4):775-86

Emergency guide wire pacing: new methods for rapid conversion of a cardiac catheter into a pacemaker. Gessman LJ, et al. **PACE** 1984 Sep;7(5):917-21

Management of the newborn with myelomeningocele: time for a decision-making process. Charney EB, et al. **Pediatrics** 1985 Jan;75(1):58-64

Medical recommendations for wilderness travel. 3. Medical supplies and drug regimens. Goodman PH, et al. **Postgrad Med** 1985 Aug;78(2):107-15

Behavior therapy and fire emergencies: conceptualization, assessment, and intervention. Jones RT, et al. **Prog Behav Modif** 1985;19:177-216

Emergency skull radiography: the effect of restrictive criteria on skull radiography and CT use. Baker SR, et al. **Radiology** 1985 Aug;156(2):409-13

The use of endotracheal medication in cardiac emergencies. Greenberg MI. **Resuscitation** 1984 Nov;12(3):155-65

Urgent relaparotomy: the high-risk, no-choice operation. Bunt TJ. **Surgery** 1985 Sep;98(3):555-60

Nonsurgical management of emergency hemorrhage from esophageal varices. Schiff ER. **World J Surg** 1984 Oct;8(5):646-52

Sclerotherapy for emergency variceal hemorrhage. Terblanche J. **World J Surg** 1984 Oct;8(5):653-9

Emergent and therapeutic upper gastrointestinal endoscopy in children. Van Stiegmann G, et al. **World J Surg** 1985 Apr;9(2):294-9

[The present and future of emergency surgery] Michek J. **Cesk Zdrav** 1985 Jul;33(6-7):300-5 (Eng. Abstr.) **(Cze)**

[Pattern of referral of patients with acute eye injuries. A regional study] Bønløkke H, et al. **Ugeskr Laeger** 1985 Jun 3;147(23):1873-6 (Eng. Abstr.) **(Dan)**

[What should the physician do when called to an emergency in the home?] Guillard A. **Bull Acad Natl Med (Paris)** 1985 Jan;169(1):152-9 **(Fre)**

[Emergencies in hand injuries] Guignard-Loosli RM. **Rev Med Suisse Romande** 1985 Feb;105(2):151-60 **(Fre)**

[Emergency medicine and anesthesiology aspects of neurofibromatosis in childhood] Abel M. **Anasth Intensivther Notfallmed** 1985 Apr;20(2):76-8 (Eng. Abstr.) **(Ger)**

[Emergency esophageal replacement in thoracic perforation and rupture] Ulrich B, et al. **Chirurg** 1985 Feb;56(2):114-6 **(Ger)**

[Sonography in intensive care medicine?] Valena-Eberhard D, et al. **Digitale Bilddiagn** 1984 Sep;4(3):135-41 (Eng. Abstr.) **(Ger)**

[Pneumologic emergency conditions in geriatrics. With special reference to risk factors] Meister R. **Fortschr Med** 1984 Oct 25;102(40):1003-8 (Eng. Abstr.) **(Ger)**

[Vascular surgery emergencies in geriatrics. Diagnosis and operative measures] Raithel D. **Fortschr Med** 1984 Nov 22;102(43):1100-2 (Eng. Abstr.) **(Ger)**

[Etomidate as a drug in emergency medicine] Schockenhoff B, et al. **Fortschr Med** 1984 Nov 29;102(44):1146-8 (31 ref.) (Eng. Abstr.) **(Ger)**

[Survival chances of emergency patients] Sefrin P. **Fortschr Med** 1985 Mar 21;103(11):290-4 (Eng. Abstr.) **(Ger)**

[Nuclear medicine procedures in emergency and intensive care medicine] Büll U. **Internist (Berlin)** 1984 Jun;25(6):341-50 **(Ger)**

[Use of echocardiography in cardiologic emergency medicine] Schweizer P, et al. **Internist (Berlin)** 1984 Jun;25(6):329-35 **(Ger)**

[Clinical aspects and therapy of the hypertensive emergency] Stumpe KO. **Internist (Berlin)** 1984 Jun;25(6):359-66 **(Ger)**

[Nifedipine in the hypertensive crisis--effect of intravenous administration] Baumgart P, et al. **Schweiz Rundsch Med Prax** 1985 May 7;74(19):496-8 (Eng. Abstr.) **(Ger)**

[The hypertensive emergency and severe hypertension: experiences with nifedipine] Groth H, et al. **Schweiz Rundsch Med Prax** 1985 May 7;74(19):491-5 (Eng. Abstr.) **(Ger)**

[Are 'epidemiologically significant medical emergencies' in intercontinental airports possible?] Steffen R, et al. **Ther Umsch** 1985 Jan;42(1):12-6 (Eng. Abstr.) **(Ger)**

[Experiences with transesophageal stimulation in emergencies] Albrecht K. **Z Arztl Fortbild (Jena)** 1984;78(15):645-6 **(Ger)**

[Analgesia and anesthesia with ketamine at the emergency site and in transport] Arndt H. **Z Arztl Fortbild (Jena)** 1984;78(14):577-9 **(Ger)**

[Principles of preclinical pain treatment of emergency patients] Benad G. **Z Arztl Fortbild (Jena)** 1984;78(14):571-3 **(Ger)**

[Experiences with nitrous oxide analgesia in emergency care] Fiedler W. **Z Arztl Fortbild (Jena)** 1984;78(14):581-3 **(Ger)**

[Intubation, tracheal puncture and coniotomy at the emergency site] Hoffmann D. **Z Arztl Fortbild (Jena)** 1984;78(15):643-4 **(Ger)**

[The hypertensive crisis] Krautz RM, et al. **Z Arztl Fortbild (Jena)** 1984;78(24):1055-7 **(Ger)**

[Artificial respiration at the emergency site and in transport] Nötel U. **Z Arztl Fortbild (Jena)** 1984;78(15):611-3 **(Ger)**

[Diagnostic procedure in unconscious patients] Otremba G, et al. **Z Arztl Fortbild (Jena)** 1984;78(14):563-4 **(Ger)**

[Simple aids for improving respiration in emergency patients] Röse M. **Z Arztl Fortbild (Jena)** 1984;78(15):609-10 **(Ger)**

[Cerebral protective aspects in the emergency treatment of unconscious patients] Röse W. **Z Arztl Fortbild (Jena)** 1984;78(14):565-7 **(Ger)**

[Possibilities of ECG recording in emergency medical care conditions] Rosenstock G, et al. **Z Arztl Fortbild (Jena)** 1984;78(15):627-8 **(Ger)**

[Indications for urgent operations in lumbar nucleus pulposus prolapse] Schuckmann P, et al. **Z Arztl Fortbild (Jena)** 1985;79(12):539-41 **(Ger)**

[Infusion therapy in the prehospital phase] Seidel F. **Z Arztl Fortbild (Jena)** 1984;78(15):637-8 **(Ger)**

[Are local pain elimination procedures for emergency patients at the emergency site and during transportation really contraindicated?] Tautenhahn E. **Z Arztl Fortbild (Jena)** 1984;78(14):575-6 **(Ger)**

[Possibilities of electrotherapy of the heart in the prehospital phase] Volkmann H, et al. **Z Arztl Fortbild (Jena)** 1984;78(15):623-5 **(Ger)**

[Antiarrhythmic drug therapy and prevention of cardiac emergencies in the prehospital phase] von Knorre GH. **Z Arztl Fortbild (Jena)** 1984;78(15):621-2 **(Ger)**

[Cardiologic emergencies in the prehospital phase] Weber D, et al. **Z Arztl Fortbild (Jena)** 1984;78(15):617-9 **(Ger)**

[Effectiveness of extrathoracic heart massage and implications for education] Weber F, et al. **Z Arztl Fortbild (Jena)** 1984;78(15):639-41 **(Ger)**

[Shock--diagnosis and therapy within the scope of rapid medical care] Weidner D. **Z Arztl Fortbild (Jena)** 1984;78(15):629-32 **(Ger)**

[Extra-clinic emergency treatment of respiration disorders in infants and young children] Wild L, et al. **Z Arztl Fortbild (Jena)** 1984;78(15):615-6 **(Ger)**

[The need for interdisciplinary cooperation exemplified by patients with exogenous poisoning] Wisthal B. **Z Arztl Fortbild (Jena)** 1984;78(15):651-2 **(Ger)**

[Physiopathologic and clinical aspects of unconsciousness] Zettler H. **Z Arztl Fortbild (Jena)** 1984;78(14):558-62 **(Ger)**

[Access to the venous system] Zöller J, et al. **Z Arztl Fortbild (Jena)** 1984;78(15):633-5 **(Ger)**

[Experiences with emergency endoscopic diagnosis in upper gastrointestinal hemorrhage] Legler E. **Z Gesamte Inn Med** 1985 Jul 1;40(13):399-403 (Eng. Abstr.) **(Ger)**

[Indications for emergency operations in rheumatoid orthopedics] Tillmann K. **Z Rheumatol** 1985 Jan-Feb;44(1):26-9 (Eng. Abstr.) **(Ger)**

[Anastomosis in emergency large intestine resections in the therapy of obstructing colonic cancer] Alderi G, et al. **Zentralbl Chir** 1985;110(2-3):112-9 (Eng. Abstr.) **(Ger)**

[Effect of gastroscopy on emergency operations in acute gastric hemorrhage] Gastinger I, et al. **Zentralbl Chir** 1984;109(10):699-703 **(Ger)**

[Anesthesia and operability in emergencies in the aged] Kirseck WJ. **ZFA** 1984 Nov-Dec;39(6):329-31 (Eng. Abstr.) **(Ger)**

[Indications and contraindications in operations for accidents and emergencies in the aged] Wehner W. **ZFA** 1984 Nov-Dec;39(6):325-7 (Eng. Abstr.) **(Ger)**

[The heart as target organ in allergic emergencies] Nissimov R, et al. **Harefuah** 1985 Feb 1;108(3):119-23 (Eng. Abstr.) **(Heb)**

[Extracorporeal bypass in emergency vascular surgery] Milone F, et al. **Minerva Cardioangiol** 1985 Mar;33(3):159-64 (Eng. Abstr.) **(Ita)**

[Autotransfusion in emergency surgery. Technic and preliminary results] Enrichens F, et al. **Minerva Chir** 1984 Nov 30;39(22):1537-41 (Eng. Abstr.) **(Ita)**

[New dilemmas in emergency surgery: is there a precise indication for autotransfusion?] Olivero S. **Minerva Chir** 1984 Nov 30;39(22):1535-6 **(Ita)**

[Development of automatic analyzers for emergency tests] Shibata Y, et al. **Iyodenshi To Seitai Kogaku** 1984 Aug;22(4):279-84 **(Jpn)**

[Trends in designing of instruments for emergency clinical examination] Takahara K. **Nippon Rinsho** 1984 Sep;42(9):2166-83 (20 ref.) **(Jpn)**

[Diagnostic imaging in emergency medicine. Record of a symposium. Morioka City, 1983] **Rinsho Hoshasen** 1984 Jun;29(6):647-732 **(Jpn)**

[Psychiatry in emergency medicine] Kurosawa H. **Seishin Shinkeigaku Zasshi** 1984;86(12):997-1004 **(Jpn)**

[Use of analgesics in surgical emergency patients] Buanes T, et al. **Tidsskr Nor Laegeforen** 1985 Feb 10;105(4):302-4 (Eng. Abstr.) **(Nor)**

[Immediate aid in the outpatient department of a local hospital] Nedrebø T, et al. **Tidsskr Nor Laegeforen** 1985 Feb 10;105(4):311-3 (Eng. Abstr.) **(Nor)**

[Combined acute complications of duodenal peptic ulcer] Makar DA, et al. **Klin Khir** 1984 Aug;(8):46-8 **(Rus)**

[Effectiveness of therapy in severe craniocerebral injury combined with acute massive hemorrhage] Sherman DM, et al. **Voen Med Zh** 1984 Sep;(9):28-30 **(Rus)**

[Introduction to pediatric emergencies] Cruz M, et al. **An Esp Pediatr** 1984 Sep 30;21(4):281-5 **(Spa)**

[Hospital problems in pediatric emergencies] Plaza Montero J. **An Esp Pediatr** 1984 Sep 30;21(4):300-8 **(Spa)**

DRUG THERAPY

Nitrous oxide sedation/analgesia in emergency medicine. Stewart RD. **Ann Emerg Med** 1985 Feb;14(2):139-48

THERAPY

Prehospital endotracheal tube airway or esophageal gastric tube airway: a critical comparison. Shea SR, et al. **Ann Emerg Med** 1985 Feb;14(2):102-12

Emergency situations in sinus node dysfunction. Repolski M, et al. **Med Interne** 1984 Oct-Dec;22(4):271-7

EMERGENCY CARE see **EMERGENCY MEDICAL SERVICES**

EMERGENCY HEALTH SERVICES see **EMERGENCY MEDICAL SERVICES**

EMERGENCY MEDICAL SERVICE COMMUNICATION SYSTEMS see under **EMERGENCY MEDICAL SERVICES**

EMERGENCY MEDICAL SERVICES

see related
FIRST AID

Neonatal distress. Interest of early medical care and medicalized transport. Hervé C, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:145-51

Emergency medicine in Belgium: past, present, and future. Askenasi R, et al. **Am J Emerg Med** 1983 Sep;1(2):238-9

Service factors and health status of survivors of out-of-hospital cardiac arrest. Bergner L, et al. **Am J Emerg Med** 1983 Nov;1(3):259-63

The polarization of emergency medical care [editorial] Bresler MJ. **Am J Emerg Med** 1983 Sep;1(2):240-1

Emergency medical services in the Soviet Union. Coles JA. **Am J Emerg Med** 1984 Sep;2(5):455-6

The problem of cardiac arrest in the community. Crampton R. **Am J Emerg Med** 1984 May;2(3):204-9

Integrated approach to prehospital coronary care in Rotterdam. Hart HN. **Am J Emerg Med** 1984 May;2(3):225-9

Out-of-hospital cardiac arrest: effect of special ambulances in Göteborg on mortality. Holmberg S, et al. **Am J Emerg Med** 1984 May;2(3):222-4

Emergency medical care in the Soviet Union. Komarov BD. **Am J Emerg Med** 1984 Sep;2(5):453-4

The 911 emergency telephone number: impact on emergency medical systems access in a metropolitan area. Mayron R, et al. **Am J Emerg Med** 1984 Nov;2(6):491-3

Emergency medicine in Japan. Onji Y, et al. **Am J Emerg Med** 1983 Nov;1(3):360-1

Assessment of out-of-hospital resuscitation. Pressley JC, et al. **Am J Emerg Med** 1984 May;2(3):215-6

Accident and emergency medicine in the United Kingdom. Rutherford WH, et al. **Am J Emerg Med** 1983 Jul;1(1):107-9

Fiberoptic laryngoscopy in the emergency department. Schafermeyer RW. **Am J Emerg Med** 1984 Mar;2(2):160-3

The Brighton experience with resuscitation ambulances. Studd C. **Am J Emerg Med** 1984 May;2(3):275-6

The volume of a swallow: correlation of deglutition with patient and container parameters. Watson WA, et al. **Am J Emerg Med** 1983 Nov;1(3):278–81

Tertiary emergency care in Japan. Yoshioka T, et al. **Am J Emerg Med** 1985 May;3(3):252–7

Diagnosis related groups and emergency medicine. Zangerle K, et al. **Am J Emerg Med** 1983 Nov;1(3):356–9

Two comments received on trauma care [letter] **Am J Public Health** 1985 Jun;75(6):689–90

Emergency CPR instruction via telephone. Eisenberg MS, et al. **Am J Public Health** 1985 Jan;75(1):47–50

Evaluation of possible patient survival in a mock airplane disaster. Eisner ME, et al. **Am J Surg** 1985 Sep;150(3):321–3

Advanced prehospital care for pediatric emergencies. Applebaum D. **Ann Emerg Med** 1985 Jul;14(7):656–9

Effect of antishock trousers on the trauma score: a prospective analysis in the urban setting. Bickell WH, et al. **Ann Emerg Med** 1985 Mar;14(3):218–22

Acute medical care for championship auto racing. Crippen D, et al. **Ann Emerg Med** 1985 Mar;14(3):249–53

Domestic violence: an EMS-targeted clinical condition in California [letter] Kizer KW. **Ann Emerg Med** 1984 Nov;13(11):1082

Pogotowie Ratunkowe: the emergency medical system of Poland. Larsen LS, et al. **Ann Emerg Med** 1984 Nov;13(11):1052–5

On nuclear war and emergency health care [letter] Magnotto L, et al. **Ann Emerg Med** 1984 Nov;13(11):1081–2

Paramedic services––a true extension of emergency medicine [editorial] Page JO. **Ann Emerg Med** 1985 Oct;14(10):994–5

Medical reliability of advanced prehospital cardiac life support. Peacock JB, et al. **Ann Emerg Med** 1985 May;14(5):407–9

The ten-year malpractice experience of a large urban EMS system. Soler JM, et al. **Ann Emerg Med** 1985 Oct;14(10):982–5

When less is more: Teflon and telemetry in the space age [editorial] Stewart RD. **Ann Emerg Med** 1985 Oct;14(10):992–4

A computer-assisted quality assurance system for an emergency medical service. Stewart RD, et al. **Ann Emerg Med** 1985 Jan;14(1):25–9

Comparison of clinical CPR studies in Milwaukee and elsewhere in the United States. Thompson BM, et al. **Ann Emerg Med** 1985 Aug;14(8):750–4

The vagrant in the accident and emergency department. Beckett MW. **Arch Emerg Med** 1985 Jun;2(2):81–4

Intravenous drug abuse and the accident and emergency department. Dunlop MG, et al. **Arch Emerg Med** 1985 Jun;2(2):73–7

Emergency care [editorial] Redmond AD. **Arch Emerg Med** 1984 Mar;1(1):1–3

Drug abuse and the accident and emergency department [editorial] Redmond AD. **Arch Emerg Med** 1985 Jun;2(2):55–7

Pre-hospital emergency care: evaluation of an Australian system. Bjorklünd P, et al. **Aust NZ J Med** 1984 Aug;14(4):419–23

Regulations and the air ambulance [letter] Gills KB. **Aviat Space Environ Med** 1985 Jan;56(1):78

RESCUE: an audiovisual rescue squad consortium. McCarthy JC. **Bull Med Libr Assoc** 1985 Jan;73(1):61–3

Early management of burned patients. Gursel E, et al. **Emerg Med Clin North Am** 1983 Dec;1(3):595–600

Radiologic triage of the multiply-injured patient. Rose CC. **Emerg Med Clin North Am** 1985 Aug;3(3):425–36 (58 ref.)

Principles of prehospital care of musculoskeletal injuries. Worsing RA Jr. **Emerg Med Clin North Am** 1984 May;2(2):205–17 (8 ref.)

Emergency carotid surgery. Pistolese GR, et al. **Int Surg** 1984 Jul–Sep;69(3):231–4

An investigation of dental injuries treated in an acute care general hospital. Galea H. **J Am Dent Assoc** 1984 Sep;109(3):434–8

Reassessing training levels for prehospital EMS personnel. Briese GL. **J Emerg Med** 1983;1(1):67–71

Prehospital use of the Glasgow Coma Scale in severe head injury. Winkler JV, et al. **J Emerg Med** 1984;2(1):1–6

Anti-infective drugs in the WHO emergency health kit. Gunn SW. **J Hosp Infect** 1985 Mar;6 Suppl A:209–13

A computerized review of the prehospital care rendered to EMS cardiac patients: validation and application. Nagurney FK. **J Med Syst** 1984 Aug;8(4):279–86

The British Association for Immediate Care (BASICS). Cuthbertson KJ. **J R Nav Med Serv** 1985 Summer;71(2):113–4

Prospective evaluation of the CRAMS scale for triaging major trauma. Clemmer TP, et al. **J Trauma** 1985 Mar;25(3):188–91

Empirical development and evaluation of prehospital trauma triage instruments. Kane G, et al. **J Trauma** 1985 Jun;25(6):482–9

The prehospital use of external counterpressure: does MAST make a difference? Mackersie RC, et al. **J Trauma** 1984 Oct;24(10):882–8

Maximum survival in pediatric trauma: the ideal system. Ramenofsky ML, et al. **J Trauma** 1984 Sep;24(9):818–23

Civil defence, with aspirins [letter] Patterson C. **Lancet** 1985 Jul 27;2(8448):214

Are accident flying squads really cleared for 'take-off'? Robertson C, et al. **Lancet** 1985 Aug 24;2(8452):434–6

EMS in Michigan. Whitehead DC. **Mich Med** 1984 Aug;83(37):383–5

A triage and emergency treatment model for combat medics on the chemical battlefield. Xenakis SN, et al. **Milit Med** 1985 Aug;150(8):411–5

Physicians' forum: medical direction and accountability for EMS advanced life support care in rural North Carolina. Hartley JM, et al. **NC Med J** 1985 May;46(5):271–3

Sorting out triage in urban disasters. Mac Mahon AG. **S Afr Med J** 1985 Apr 6;67(14):555–6

The modified vital index in prehospital emergency care. Mac Mahon AG. **S Afr Med J** 1985 Aug 17;68(4):238–42

The bystander in highway injury accidents. Brodsky H. **Soc Sci Med** 1984;19(11):1213–6

Physician at the scene of an emergency. Augustine JJ, et al. **South Med J** 1985 Sep;78(9):1074–7 (18 ref.)

Diving accident network (DAN) [letter] Wachholz C. **South Med J** 1985 Jul;78(7):894–5

Texas EMS––policies and people. Mattox KL, et al. **Tex Med** 1985 Aug;81(8):50–2

Camphor toxicity: development of a triage strategy. Geller RJ, et al. **Vet Hum Toxicol** 1984;26 Suppl 2:8–10

[Emergency care of traumatic shock patients] Wang SD. **Chung Hua Hu Li Tsa Chih** 1985 Jun;20(3):150–1 (Chi)

[Treatment of casualties in general practice] Nannestad J, et al. **Ugeskr Laeger** 1984 Jun 11;146(24):1818–21 (Eng. Abstr.) (Dan)

[Emergency care and transportation of trauma patients] Pihlajaniemi R. **Duodecim** 1985;101(9):919–25 (Fin)

[How much labor assistance should the emergency physician render?] Brökelmann J, et al. **Anasth Intensivther Notfallmed** 1985 Feb;20(1):38–40 (Eng. Abstr.) (Ger)

[Preclinical care of the severely injured patient. 2: Experiences in emergency service, 12 years' statistics of the emergency center of the Hannover Medical School] Echtermeyer V, et al. **Fortschr Med** 1985 Apr 25;103(16):425–8 (Eng. Abstr.) (Ger)

[Preclinical care of the severely injured patient. 1: Medical measures at the accident site] Echtermeyer V, et al. **Fortschr Med** 1985 Apr 18;103(15):393–6 (Eng. Abstr.) (Ger)

[First aid in geriatrics from the viewpoint of the specialist in general medicine] Dan J. **ZFA** 1985 Mar–Apr;40(2):119–24 (Ger)

[Problems in current usage of contrast media. Questionnaire of testing and management on emergency] Nishitani H, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jun 25;44(6):796–9 (Eng. Abstr.) (Jpn)

[The role of diagnostic imaging in emergency medicine] Ashida H, et al. **Rinsho Hoshasen** 1984 Jun;29(6):661–9 (Eng. Abstr.) (Jpn)

[Diagnostic imaging in emergency medicine] Ishikawa T. **Rinsho Hoshasen** 1984 Jun;29(6):647–8 (Jpn)

[Automated system for radionuclide data processing in emergency conditions] Siniakova OG. **Med Radiol (Mosk)** 1985 Feb;30(2):61–6 (Rus)

[Organization and care of multiple injuries under peacetime conditions] Milačić O. **Acta Chir Iugosl** 1984;31 Suppl 1:49–60 (Ser)

[Cooperation in ensuring health care––a prerequisite for success] Radić A. **Vojnosanit Pregl** 1984 Nov–Dec;41(6):447–50 (Ser)

[The where, when, and how of care outside the hospital (editorial)] Nalda Felipe MA. **Med Clin (Barc)** 1985 Jun 29;85(5):189–90 (Spa)

ECONOMICS

Cost containment: freestanding emergency centers and the emergency department [editorial] Birnbaum PS. **Am J Emerg Med** 1985 May;3(3):259

Diagnosis related groups and emergency medicine [letter] Henze HM. **Am J Emerg Med** 1984 May;2(3):281

Alternative forms of emergency care: the Arizona experience. Levitt MA, et al. **Am J Emerg Med** 1984 Jul;2(4):363–5

The potential use of automatic defibrillators in the home for management of cardiac arrest. Hallstrom A, et al. **Med Care** 1984 Dec;22(12):1083–7

[Methods of calculating the cost of ambulance service] Boev VS. **Sov Zdravookhr** 1984;(8):[illegible]–9 (Rus)

HISTORY

[The bombing of Schaffhausen in the 2d World War] Ganzoni N. **Z Unfallchir Versicherungsmed Berufskr** 1985;78(1):21–6 (Ger)

LEGISLATION & JURISPRUDENCE

Medical-legal problems in the emergency department related to hand injuries. Riggs L Jr. **Emerg Med Clin North Am** 1985 May;3(2):415–8

Medicolegal considerations in emergency medicine. Aranosian RD. **J Am Osteopath Assoc** 1985 Mar;85(3):171–5

Emergicenters. A health care system in evolution. Entin FJ. **J Leg Med (Chicago)** 1984 Sep;5(3):399–434 (158 ref.)

Satellite and commercial medical clinics. Report of the Board of Trustees: Part II. **JAMA** 1985 Mar 1;253(9):1314–9

More action due on emergency services. Craig RH Jr, et al. **Penn Med** 1984 Sep;87(9):24

ORGANIZATION & ADMINISTRATION

Emergency medical care in France. Hervé C, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:137–44

Emergency medical services in Israel. Hadas E, et al. **Am J Emerg Med** 1984 Jul;2(4):366–7

Urban emergency medical systems: a consensus. Kuehl AE, et al. **Am J Emerg Med** 1984 Nov;2(6):559–63

Delayed emergency care: a clinical paradox [editorial] Michaels HE. **Am J Emerg Med** 1984 Jul;2(4):368

Triage success in disasters: dynamic victim-tracking cards. Paris PM, et al. **Am J Emerg Med** 1985 Jul;3(4):323–6

Have we forgotten basic life support? [editorial] Pointer JE, et al. **Am J Emerg Med** 1984 Nov;2(6):564–5

Physician-attended MICUs [letter] Slater PE. **Am J Emerg Med** 1985 Jul;3(4):372–3

The emergency medical system in Japan. Yoshioka T, et al. **Am J Emerg Med** 1985 Jan;3(1):79–80

Impact of a trauma service on trauma care in a university hospital. Baker CC, et al. **Am J Surg** 1985 Apr;149(4):453–8

Emergency medical services at the 1984 Democratic National Convention [letter] Auerbach PS, et al. **Ann Emerg Med** 1985 Jul;14(7):709–11

Effect of implementation of a regional trauma system [letter] Cherniwchan M. **Ann Emerg Med** 1985 Apr;14(4):374–5

Diver's Alert Network [letter] Dunford R. **Ann Emerg Med** 1985 Mar;14(3):278

Moulage in a disaster simulation exercise. Krohmer JR, et al. **Ann Emerg Med** 1985 Oct;14(10):1032–5

Emergency response system assists in discharge planning. Koch WJ. **Dimens Health Serv** 1984 Nov;61(11):30–1

EMS response to mass casualties. Cowley RA, et al. **Emerg Med Clin North Am** 1984 Aug;2(3):687–93

A dental emergency service in a rural area. Wild JR. **Health Bull (Edinb)** 1984 Sep;42(5):268–70

Planning for emergency ambulance service systems. Hill ED 3d, et al. **J Emerg Med** 1984;1(4):331–8

The emergency medical system in Japan. Ishida T, et al. **J Emerg Med** 1984;2(1):45–55

Emergency ambulance service systems [editorial] Pons P. **J Emerg Med** 1984;1(4):355–6

Letting go: DNR orders in prehospital care [editorial] Haynes BE, et al. **JAMA** 1985 Jul 26;254(4):532–3

Orders to limit emergency treatment for an ambulance service in a large metropolitan area. Miles SH, et al. **JAMA** 1985 Jul 26;254(4):525–7

Method of predicting the number of casualties in the Sydney City-to-Surf fun runs. Richards R, et al. **Med J Aust** 1984 Dec 8–22;141(12–13):805–8

Distant blood transfusion support in the emergency situation. Whitrow W. **Med Lab Sci** 1984 Oct;41(4):386–8

Divisional medical support on the modern battlefield. Burkhalter EL. **Milit Med** 1984 Oct;149(10):561–4

Environmental emergencies. Their characteristics and variations. Irey NS. **Milit Med** 1985 Apr;150(4):191–9

The interagency incident management system: an important element in successful prehospital emergency medical care. Garrison H, et al. **NC Med J** 1984 Nov;45(11):714–6

Emergency medical services in North Carolina. Harmelink TM. **NC Med J** 1984 Nov;45(11):692–7

The University of North Carolina––North Carolina Memorial Hospital Statewide Trauma Center: how to make bricks without straw. Proctor HJ. **NC Med J** 1984 Nov;45(11):726–7

The emergency medical services system in New York State: time for a change. Henry MC, et al. **NY State J Med** 1985 Jan;85(1):1–4

Control of medical emergency services at the scene of a medical emergency. **Ohio State Med J** 1984 Dec;80(12):829, 832–3, 846

'Barefoot doctors' in rural Georgia: the effect of peer selection on the performance of trained volunteers. Kay BJ. **Soc Sci Med** 1984;19(8):873–8

'Canberra' (role conversion) triage and resuscitation. Williams JG. **Trans Med Soc Lond** 1982–84;99–100:81–5

[Medical emergency service by the ANWB (General Dutch Automobile Club) Emergency Center] Wielinga EW, et al. **Ned Tijdschr Geneeskd** 1985 Jun 29;129(26):1226–8 (Dut)

[Surgery in catastrophes] Kiviluoto O. **Duodecim** 1985;101(9):926–32 (Fin)

[The surgical field hospital in times of war or disasters] Aouam E, et al. **Maroc Med** 1985 Mar;7(1):395–8 (Fre)

[Collecting - setting up. Initial evacuation] Moudene A, et al. **Maroc Med** 1985 Mar;7(1):391–3 (Fre)

[Collaboration between the research center of a pharmaceutical firm and public emergency structures for better safety of phase I and II clinical pharmacology studies (letter)] Larcan A, et al. **Therapie** 1985 Jul–Aug;40(4):263–4 (Fre)

[20 years of emergency mobile units. Experience in Bochum] Harrfeldt HP. **Unfallchirurg** 1985 Mar;88(3):140–4 (Eng. Abstr.) (Ger)

[Organization of a leading facility of fast medical care] Wickleder R. **Z Arztl Fortbild (Jena)** 1984;78(14):589–92 (Ger)

[Overcoming a catastrophe in peacetime. The 1984 concept of the St. Gallen Canton Hospital and its problems] Hoffmann R, et al. **Z Unfallchir Versicherungsmed Berufskr** 1985;78(1):33–9 (Ger)

[Primary transport of acute patients. Optimal use of rescue resources exemplified by the Canton of Graubünden]

Lauber A, et al. **Z Unfallchir Versicherungsmed Berufskr** 1985;78(1):27–32 **(Ger)**

[Pitfalls in the multidisciplinary treatment of the multiple injured] Schmid JF, et al. **Z Unfallchir Versicherungsmed Berufskr** 1985;78(1):41–5 **(Ger)**

[Health administration of emergencies in natural disasters] Guimaraes C. **Rev Saude Publica** 1984 Dec;18(6):516–8 **(Por)**

[Organization of triage at a regimental medical center] Lobanov GP. **Voen Med Zh** 1984 Sep;(9):17–25 **(Rus)**

[Organization of emergency medical and resuscitation services at the pre-hospital stage] Rudenko MI, et al. **Voen Med Zh** 1985 Feb;(2):62–4 **(Rus)**

[Current problems of the organization of medical selection of the wounded and sick for evacuation] Zybov AM. **Voen Med Zh** 1984 Dec;(12):19–21 **(Rus)**

[Work organization and equipping of a central dispatcher-controlled station for first aid and emergency medical care in a large city] Usichenko II. **Vrach Delo** 1984 Aug;(8):1–4 **(Rus)**

[Organization and care of multiple injuries under peacetime conditions] Milačić O. **Acta Chir Iugosl** 1984;31 Suppl 1:49–60 **(Ser)**

[Organization of emergencies in hospital outpatient pediatrics] Martin Parra M. **An Esp Pediatr** 1984 Sep 30; 21(4):295–9 **(Spa)**

[The where, when, and how of care outside the hospital (editorial)] Nalda Felipe MA. **Med Clin (Barc)** 1985 Jun 29;85(5):189–90 **(Spa)**

STANDARDS

Freestanding emergency medical care centers. AMA Board of Trustees. **Conn Med** 1984 Oct;48(10):661–3

Evaluation of selected aspects of the Oahu Emergency Medical Services Program. Smith RG, et al. **Hawaii Med J** 1985 Apr;44(4):135–6, 138, 141–3

Managing interhospital patient transfers. Norman DK. **Hospitals** 1985 Mar 16;59(6):98–101

Out-of-hospital cardiac care improves greatly in Iowa. Stults KR. **Iowa Med** 1985 Apr;75(4):170–2

Impact of improved emergency medical services and emergency trauma care on the reduction in mortality from trauma. Ornato JP, et al. **J Trauma** 1985 Jul;25(7):575–9

Preventable trauma deaths. A review of trauma care systems development. Cales RH, et al. **JAMA** 1985 Aug 23–30; 254(8):1059–63

Prehospital cardiopulmonary resuscitation. Is it effective? Cummins RO, et al. **JAMA** 1985 Apr 26;253(16):2408–12

Medical policy in the management of a mass casualty situation with special regard to sorting. Ueberle HK, et al. **Med Law** 1985;4(3):275–82

Trauma care delivery in eastern North Carolina. Lewis LS. **NC Med J** 1984 Nov;45(11):713

Quality of emergency room care during the Israel doctors' strike. Slater PE, et al. **Public Health** 1984 Nov; 98(6):354–60

[Evaluation of the emergency medical service--significance, prerequisites, problems] Garms-Homolová V, et al. **Off Gesundheitswes** 1985 Apr;47(4):182–5 **(Ger)**

SUPPLY & DISTRIBUTION

Alternate delivery wrapup. Special section: FECs. Powills S. **Hospitals** 1985 May 16;59(10):43–6, 50

TRENDS

Freestanding emergency and surgery centers proliferate. Riffer J. **Hospitals** 1984 Dec 16;58(24):50

Satellite and commercial medical clinics. Report of the Board of Trustees: Part I. **JAMA** 1985 Feb 1;253(5):645–51

The changing face of American health care. Multihospital systems, emergency centers, and surgery centers. Ermann D, et al. **Med Care** 1985 May;23(5):401–20 (107 ref.)

Thirty-seven miles up highway 70. Cohen LJ, et al. **West J Med** 1985 May;142(5):710–1

[Current principles of development of emergency therapy] Golikov AP, et al. **Ter Arkh** 1985;57(5):24–7 **(Rus)**

UTILIZATION

Utilization of medical care in Orange County: the effect of implementation of a regional trauma system. Cales RH, et al. **Ann Emerg Med** 1985 Sep;14(9):853–8

The pediatric population of two free-standing emergency clinics. Yunker R, et al. **Clin Pediatr (Phila)** 1985 Apr; 24(4):210–4

Free-standing emergency centers and the patient population of family physicians. Yunker RM, et al. **J Fam Pract** 1985 Jul;21(1):63–9

[Utilization of emergency medical services by patients of retirement age] Kalagireva LN, et al. **Vrach Delo** 1985 Jun; (6):112–4 **(Rus)**

EMERGENCY MEDICAL TAGS see under **EQUIPMENT AND SUPPLIES**

EMERGENCY MEDICAL TECHNICIANS see under **ALLIED HEALTH PERSONNEL**

EMERGENCY MEDICINE

Role of emergency medicine in critical care [editorials] Baraff LJ, et al. **Am J Emerg Med** 1984 Jan;2(1):109

The agenda for emergency medicine [editorial] Bresler MJ. **Am J Emerg Med** 1984 Mar;2(2):175–6

Duration of residency training [editorial] Brown CG. **Am J Emerg Med** 1983 Nov;1(3):363–4

Controlled clinical trials in emergency medicine. Brown CG, et al. **Am J Emerg Med** 1985 Jan;3(1):67–73

Intensive/critical care and emergency medicine [editorial] Hellstern RA. **Am J Emerg Med** 1984 Jan;2(1):108

Emergency medicine and the Association of American Medical Colleges (AAMC). The role of emergency medicine in undergraduate and graduate medical education. Henry JB. **Am J Emerg Med** 1983 Jul;1(1):35–42

The prevalence of hepatitis B serological markers in emergency physicians. Iserson KV, et al. **Am J Emerg Med** 1984 Sep;2(5):394–8

Toxathon: a new and effective method of toxicologic education [letter] Litovitz TL. **Am J Emerg Med** 1983 Sep; 1(2):242

Factors influencing hospital selection of emergency physician groups [letter] Mayer TA, et al. **Am J Emerg Med** 1984 Jul;2(4):374–5

Emergency medicine: definition and direction. Mickel HS. **Am J Emerg Med** 1984 Mar;2(2):172–4

Canadian emergency medicine: its past and its current status. Powell DG. **Am J Emerg Med** 1984 Mar;2(2):171

Efficacy of the follow-up system in the community hospital emergency department. Silverman GK, et al. **Am J Emerg Med** 1984 Mar;2(2):119–22

The specialty of emergency medicine and The American Journal of Emergency Medicine [editorial] White JD. **Am J Emerg Med** 1983 Jul;1(1):110

The Japanese Association for Acute Medicine (JAAM). Yoshioka T, et al. **Am J Emerg Med** 1985 Jul;3(4):364–6

Entrepreneurism and emergency medicine [letter] **Ann Emerg Med** 1985 May;14(5):483–5

Medical, moral, legal, and ethical aspects of resuscitation for the patient who will have minimal ability to function or ultimately survive. American College of Emergency Physicians, Dallas, Texas. **Ann Emerg Med** 1985 Sep; 14(9):919–26

Disaster medical services. American College of Emergency Physicians. **Ann Emerg Med** 1985 Oct;14(10):1026

Women in emergency medicine [editorial] Blair T. **Ann Emerg Med** 1984 Nov;13(11):1071

Expansion of emergency medicine's responsibilities for preclinical education of medical students. Burdick WP, et al. **Ann Emerg Med** 1985 Feb;14(2):131–3

Hepatitis B prevalence in emergency physicians. Iserson KV, et al. **Ann Emerg Med** 1985 Feb;14(2):119–22

Prisoners in the emergency department. Lessenger JE. **Ann Emerg Med** 1985 Feb;14(2):179–83

Entrepreneurism and benchmarks of emergency medical practice. Mayer TA, et al. **Ann Emerg Med** 1984 Dec; 13(12):1161–3

An emergency medicine clinical problem-solving system. Papa FJ. **Ann Emerg Med** 1985 Jul;14(7):660–3

Nitrous oxide sedation/analgesia in emergency medicine. Stewart RD. **Ann Emerg Med** 1985 Feb;14(2):139–48

Pocket mask ventilation: a critical reappraisal. Maull KI. **Arch Emerg Med** 1984 Sep;1(3):161–3

Inflatable splints--what are they doing? Sloan JP, et al. **Arch Emerg Med** 1984 Sep;1(3):151–5

Head injuries are badly managed in accident and emergency departments and neurosurgeons are partly to blame. Teasdale G. **Arch Emerg Med** 1984 Sep;1(3):123–34

Why do accident and emergency doctors request X-rays? Warren RA, et al. **Arch Emerg Med** 1984 Sep;1(3):143–50

Role of the emergency physician in treatment of the poisoned patient. Guzzardi LJ. **Emerg Med Clin North Am** 1984 Feb; 2(1):3–13

The specialty of emergency medicine. Brenner BE, et al. **J Emerg Med** 1984;1(4):349–52

The role of the toxicology laboratory in emergency medicine.II: Study of an integrated approach. Hepler BR, et al. **J Toxicol Clin Toxicol** 1984–85;22(6):503–28

Emergency medicine: the twenty-third specialty. Levine MD. **Mich Med** 1984 Aug;83(37):380–2

Activities of the North Carolina Committee on Trauma of the American College of Surgeons. Youngblood RW. **NC Med J** 1984 Nov;45(11):721–2

[Microcomputers in emergency medicine] Satánek A. **Cas Lek Cesk** 1985 Jan 25;124(4):102–3 (Eng. Abstr.) **(Cze)**

EDUCATION

EMT training for medical students. Goodenberger D, et al. **Am J Emerg Med** 1985 May;3(3):240–3

ACEP and academics [editorial] White JD. **Am J Emerg Med** 1985 Jul;3(4):368

Core content for undergraduate education in emergency medicine. **Ann Emerg Med** 1985 May;14(5):474–6

24-hour faculty coverage [letter] **Ann Emerg Med** 1985 Jan; 14(1):85–7

Residency essentials: quantify to assure quality [editorial] Dailey RH. **Ann Emerg Med** 1985 Sep;14(9):928–9

Disaster training for emergency physicians in the United States: a systems approach. Feldstein BD, et al. **Ann Emerg Med** 1985 Jan;14(1):36–40

The future of emergency medicine residency training [letter] Frumkin K. **Ann Emerg Med** 1985 Apr;14(4):378–9

Attending coverage. Rosen P, et al. **Ann Emerg Med** 1985 Sep;14(9):897–9

'PALS for life!' A required trauma-oriented pediatric advanced life support course for pediatric and emergency medicine housestaff. Thompson BM, et al. **Ann Emerg Med** 1984 Nov;13(11):1044–7

Development of a rural behavioral emergency training program: the Vermont experience. Bassuk EL, et al. **Community Ment Health J** 1984 Winter;20(4):313–7

Medical emergency education in American dental schools. Clark MS, et al. **J Dent Educ** 1985 Mar;49(3):179–81

Standards for attending staff in an emergency medicine residency program. Pointer JE, et al. **J Emerg Med** 1984; 1(3):271–4

The retention of cardiopulmonary resuscitation skills. Sternbach GL, et al. **J Emerg Med** 1984;2(1):33–6

A cost-effective emergency medicine clerkship. Shesser R, et al. **J Med Educ** 1985 Apr;60(4):288–92

Emergency medicine [letter] Shesser R, et al. **J Med Educ** 1984 Nov;59(11 Pt 1):918–9

Medical readiness. Yarington CT Jr. **Milit Med** 1985 Mar; 150(3):119–22

Educating internists in emergency medicine. Sanders AB, et al. **West J Med** 1984 Oct;141(4):534–7

[Recommendations for an educational concept for physicians in emergency medicine] Ehle G, et al. **Z Arztl Fortbild (Jena)** 1984;78(14):585–7 **(Ger)**

[Aspects of medical undergraduate, graduate and continuing education in emergency medicine] Gross J, et al. **Z Arztl Fortbild (Jena)** 1984;78(15):653–4 **(Ger)**

[The teaching of emergency pediatrics] Bueno M, et al. **An Esp Pediatr** 1984 Sep 30;21(4):287–94 **(Spa)**

HISTORY

[From the history of the N. V. Sklifosovskiĭ Institute] Korol' GG, et al. **Sov Zdravookhr** 1984;(10):53–5 **(Rus)**

[Experience of Soviet medicine in World War II and the problems of contemporary traumatology and orthopedics] Tkachenko SS. **Vestn Khir** 1985 Apr;134(4):7–11 **(Rus)**

INSTRUMENTATION

Emergency health care providers. Margulies RA, et al. **J Emerg Med** 1984;1(4):353–4

Emergencies in the air [editorial] **Lancet** 1985 Jan 5; 1(8419):28–9

STANDARDS

Guidelines for emergency department physician staffing [editorial] **Ann Emerg Med** 1984 Dec;13(12):1165–6

'Megagroups' are major problem facing emergency medicine [letter] Wears RL, et al. **Ann Emerg Med** 1985 Jan; 14(1):83–4

Medicolegal considerations in emergency medicine. Aranosian RD. **J Am Osteopath Assoc** 1985 Mar; 85(3):171–5

TRENDS

Emergency medicine redux [letter] **Ann Emerg Med** 1984 Nov;13(11):1077–81

Priorities for research in accident and emergency medicine. Scott R. **Arch Emerg Med** 1984 Jun;1(2):73–7

Olly-olly in come free. Levy R. **J Emerg Med** 1984; 1(3):267–8

[Status and developmental prospects of the science of burns in the Ukraine] Kozliuk VM, et al. **Klin Khir** 1985 Mar; (3):1–5 **(Rus)**

EMERGENCY MOBILE UNITS see **AMBULANCES**

EMERGENCY OUTPATIENT UNIT see **EMERGENCY SERVICE, HOSPITAL**

EMERGENCY SERVICE, HOSPITAL

Assignment of follow-up appointments from an emergency room by pediatric residents. DeAngelis C, et al. **Am J Dis Child** 1985 Apr;139(4):341–2

The acute asthmatic in the emergency department: the decision to admit or discharge. Brenner BE. **Am J Emerg Med** 1985 Jan;3(1):74–7

Psychiatry in the emergency department: factors associated with treatment and disposition. Murphy JG, et al. **Am J Emerg Med** 1984 Jul;2(4):309–14

Pediatric cardiopulmonary arrest in the emergency department. Rosenberg NM. **Am J Emerg Med** 1984 Nov; 2(6):497–9

Emergency department presentation of type A botulism. Ruthman JC, et al. **Am J Emerg Med** 1985 May;3(3):203–5

Immediate transthoracic pacing for cardiac asystole in an emergency department setting. White JD, et al. **Am J Emerg Med** 1985 Mar;3(2):125–8

'Noninvasive' oral treatment of asthma in the emergency room. Aelony Y. **Am J Med** 1985 Jun;78(6 Pt 1):929–36

Assessment of families in psychiatric emergencies. Perlmutter RA, et al. **Am J Orthopsychiatry** 1985 Jan;55(1):130–9

Guidelines for emergency department physician staffing [editorial] **Ann Emerg Med** 1984 Dec;13(12):1165–6

Safe and effective IV regional anesthesia for use in the emergency department. Farrell RG, et al.

Ann Emerg Med 1985 Mar;14(3):239–43

Quality assurance in the emergency department. Flint LS, et al. **Ann Emerg Med** 1985 Feb;14(2):134–8

Impact of a nurses strike on a medical center emergency department. O'Shaughnessy J. **Ann Emerg Med** 1984 Nov; 13(11):1048–51

Abandon gastric lavage in the accident and emergency department? [letter] Adams RH. **Arch Emerg Med** 1984 Dec;1(4):234–5

Elderly patients discharged from an accident and emergency department—their dependency and support. Currie CT, et al. **Arch Emerg Med** 1984 Dec;1(4):205–13

The Lixiscope portable imaging device: an assessment of its use in the accident and emergency department. Daniels RG, et al. **Arch Emerg Med** 1985 Jun;2(2):100–3

Do accident and emergency patients collect their prescribed medication? Freeman CP, et al. **Arch Emerg Med** 1985 Mar; 2(1):41–3

Acute gout and the accident and emergency department. Hardy RH, et al. **Arch Emerg Med** 1984 Jun;1(2):89–95

Aggression and violence [editorial] Redmond AD. **Arch Emerg Med** 1985 Mar;2(1):1–2

Cardiopulmonary resuscitation in the accident and emergency department. Robertson CE, et al. **Arch Emerg Med** 1984 Mar;1(1):17–22

Hand-washing patterns and infection control in the accident and emergency department. Rumgay S, et al. **Arch Emerg Med** 1984 Sep;1(3):157–9

Wound infection following surgery in an accident and emergency theatre. Spence RA, et al. **Arch Emerg Med** 1984 Mar;1(1):23–7

AIDS and the accident and emergency department [letter] Tennant WG, et al. **Arch Emerg Med** 1985 Mar;2(1):47–9

Sports injuries in an accident and emergency department. Watters DA, et al. **Arch Emerg Med** 1984 Jun;1(2):105–11

The hospital-based helicopter. A threat to hearing? Pasic TB, et al. **Arch Otolaryngol** 1985 Aug;111(8):507–8

Accuracy of radiological diagnosis in the Casualty Department of a children's hospital. Masel JP, et al. **Aust Paediatr J** 1984 Aug;20(3):221–3

Should all casualty radiographs be reviewed? [letter] Duignan N, et al. **Br Med J [Clin Res]** 1985 Jul 13;291(6488):141

Medical patients aged 65 and over admitted to an accident and emergency department. Jenner GH. **Br Med J [Clin Res]** 1985 Jul 13;291(6488):113–4

Should all casualty radiographs be reviewed? Wardrope J, et al. **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1638–40

Compliance to referrals from the psychiatric emergency room. Blouin A, et al. **Can J Psychiatry** 1985 Mar; 30(2):103–6

Contact lens hospital emergencies. Kersley HJ, et al. **CLAO J** 1985 Apr–Jun;11(2):115–7

Decision making in the emergency department. Jacobson S. **Compr Ther** 1985 Apr;11(4):16–23

Symposium on emergency department radiology. **Emerg Med Clin North Am** 1985 Aug;3(3):423–640

Evaluation of the chest radiograph in the emergency department patient. Aronchick J, et al. **Emerg Med Clin North Am** 1985 Aug;3(3):491–505 (24 ref.)

Emergency department management of head injuries. Gennarelli TA. **Emerg Med Clin North Am** 1984 Nov; 2(4):749–60

Computed tomography and ultrasound of the traumatized and acutely ill patient. Grumbach K, et al. **Emerg Med Clin North Am** 1985 Aug;3(3):607–24 (83 ref.)

Radiographic decision-making by the emergency physician. Long AE. **Emerg Med Clin North Am** 1985 Aug; 3(3):437–46 (52 ref.)

Emergency radiology in childhood. Ozonoff MB. **Emerg Med Clin North Am** 1985 Aug;3(3):563–84 (31 ref.)

Radiology of the urinary system in the emergency department. Sandler CM, et al. **Emerg Med Clin North Am** 1985 Aug;3(3):507–24 (28 ref.)

ER 'capture' of the skid-row alcoholic. Baker FM. **Gen Hosp Psychiatry** 1985 Apr;7(2):138–43

Measurement of occupational stress in hospital settings: two validity studies of a measure of self-reported stress in medical emergency rooms. Hammer JS, et al. **Gen Hosp Psychiatry** 1985 Apr;7(2):156–62

More than a gateway: the role of the emergency psychiatry service in the community mental health network. Ellison JM, et al. **Hosp Community Psychiatry** 1985 Feb; 36(2):180–5

Wound infection after simple suture at the emergency ward. Alkan M, et al. **Infect Control** 1984 Dec;5(12):562–4

Guidelines for consultation with university personnel in student psychiatric emergencies. Moorman JC, et al. **J Am Coll Health** 1984 Oct;33(2):91–4

How accurate are patient histories? Neugut AI, et al. **J Community Health** 1984 Summer;9(4):294–301

Short-term holding room treatment of asthmatic children. Willert C, et al. **J Pediatr** 1985 May;106(5):707–11

Emergency bay thoracotomy. Danne PD, et al. **J Trauma** 1984 Sep;24(9):796–802

Management protocols for nonpenetrating gunshot wounds [letter] Kelen GD, et al. **J Trauma** 1984 Sep;24(9):862–4

A system of alias assignment for unidentified patients requiring emergency hospital admission. Robinson G, et al. **J Trauma** 1985 Apr;25(4):333–6

Managing the care of the difficult patient in the emergency unit. Makadon HJ, et al. **JAMA** 1984 Nov 9;252(18):2585–8

Factors that predict psychiatric consultation in the emergency department. Fenichel GS, et al. **Med Care** 1985 Mar;23(3):258–65

Use of the initial electrocardiogram to predict in-hospital complications of acute myocardial infarction. Brush JE Jr, et al. **N Engl J Med** 1985 May 2;312(18):1137–41

Personalized nursing: an effective intervention model for use with drug-dependent women in an emergency room. Andersen MD. **Natl Inst Drug Abuse Res Monogr Ser** 1985; 58:67–82

Team management of the maltreated child in the emergency room. Mundie GE. **Pediatr Ann** 1984 Oct;13(10):771–6

Residential instability in a psychiatric emergency setting. Chafetz L, et al. **Psychiatr Q** 1984 Spring;56(1):20–34

Interhospital patient transfers [editorial] Norman DK. **Tex Med** 1984 Dec;80(12):9–10

Life Support Learning Center. Edlich RF, et al. **Va Med** 1984 Sep;111(9):567–9

[Emergency cerebrovascular services] Bouvrain Y, et al. **Bull Acad Natl Med (Paris)** 1985 Jan;169(1):160–8 (Fre)

[Teaching and control of emergency care: global analysis approach] Murat JE. **Bull Acad Natl Med (Paris)** 1985 Jan; 169(1):88–94 (Eng. Abstr.) (Fre)

[Evaluation of emergency room reply letters] Zalewski S, et al. **Harefuah** 1984 Dec 2;107(11):342–4 (Eng. Abstr.) (Heb)

[Disaster drills in hospitals] Johansen TE, et al. **Tidsskr Nor Laegeforen** 1985 Jun 20;105(17–18):1210–2 (Eng. Abstr.) (Nor)

ECONOMICS

Cost containment: freestanding emergency centers and the emergency department [editorial] Birnbaum PS. **Am J Emerg Med** 1985 May;3(3):259

Toxicology screening in the emergency department: ethanol, barbiturates, and salicylates. Krenzelok EP, et al. **Am J Emerg Med** 1984 Jul;2(4):331–2

The movable medical crisis: a parable in critical-care medicine. Reich WT. **Am J Emerg Med** 1984 Nov; 2(6):550–3

Mild analgesics and the accident and emergency department—cost and safety more important than potency? Yates DW, et al. **Arch Emerg Med** 1984 Dec;1(4):197–203

Ethics, entrepreneurs and leadership. Mueller AH, et al. **J Emerg Med** 1983;1(2):111–18

The financial effects of emergency department-generated admissions under prospective payment systems. Muñoz E, et al. **JAMA** 1985 Oct 4;254(13):1763–71

Economic considerations in emergency care. What are hospitals for? [editorial] Relman AS. **N Engl J Med** 1985 Feb 7;312(6):372–3

No insurance, no admission. Wrenn K. **N Engl J Med** 1985 Feb 7;312(6):373–4

Microcosting an emergency department. Currie D, et al. **Top Health Care Financ** 1985 Spring;11(3):78–88

LEGISLATION & JURISPRUDENCE

Medicolegal management of the organically impaired patient in the emergency department. Griglak MJ, et al. **Ann Emerg Med** 1985 Jul;14(7):685–9

Malpractice law and emergency department medicine. Kolber JL. **Emerg Med Clin North Am** 1985 Aug; 3(3):625–35 (15 ref.)

Forensic medicine in the emergency department. Smialek JE. **Emerg Med Clin North Am** 1983 Dec;1(3):693–704

IL hospital reduces ER liability risks. **Hospitals** 1985 Sep 16;59(18):66

Economic and legal considerations in emergency care. Curran WJ. **N Engl J Med** 1985 Feb 7;312(6):374–5

MANPOWER

Moonlighting. Franaszek JB. **J Emerg Med** 1983;1(2):161–3

[Disaster preparedness among surgeons] Johansen TE, et al. **Tidsskr Nor Laegeforen** 1985 Jun 20;105(17–18):1213–6 (Eng. Abstr.) (Nor)

ORGANIZATION & ADMINISTRATION

Emergency hospital infrastructure in Belgium. Askenasi R. **Am J Emerg Med** 1985 Jan;3(1):78–9

Toxicological analysis in the emergency patient [editorial] Cohan SL. **Am J Emerg Med** 1984 Jul;2(4):369

Factors influencing hospital selection of emergency physician groups [letter] Mayer TA, et al. **Am J Emerg Med** 1984 Jul;2(4):374–5

Organization of resuscitation within the hospital. Sandøe E. **Am J Emerg Med** 1984 May;2(3):270–2

Twenty-four hour emergency pharmaceutical services. Powell MF, et al. **Am J Hosp Pharm** 1985 Apr;42(4):831–5

Organization structure and the performance of hospital emergency services. Georgopoulos BS. **Ann Emerg Med** 1985 Jul;14(7):677–84

Entrepreneurism and benchmarks of emergency medical practice. Mayer TA, et al. **Ann Emerg Med** 1984 Dec; 13(12):1161–3

Attending coverage. Rosen P, et al. **Ann Emerg Med** 1985 Sep;14(9):897–9

Why do our hospitals not make more use of the concept of a trauma team? [letter] **Br Med J [Clin Res]** 1985 Feb 2;290(6465):391–2

An analysis of waiting times in a pediatric emergency department. Liptak GS, et al. **Clin Pediatr (Phila)** 1985 Apr; 24(4):202–9

Development of an emergency psychiatric treatment un Kaskey GB, et al. **Hosp Community Psychiatry** 1984 Dec; 35(12):1220–2

Shift work. Olson CM. **J Emerg Med** 1984;2(1):37–43

A case study in management: the patient complaint. Taliaferro E. **J Emerg Med** 1983;1(2):151–3

[The quality of emergency treatment] Wang GY. **Chung Hua Hu Li Tsa Chih** 1985 Apr;20(2):65–7 (Chi)

[Opening of an emergency center in the University Hospital Center of Vaud] Besson A, et al. **J Chir (Paris)** 1984 Dec; 121(12):735–44 (Eng. Abstr.) (Fre)

[The rescue station with expanded responsibilities] Scharf E. **Z Arztl Fortbild (Jena)** 1984;78(15):649–50 (Ger)

[Rescue stations—a necessity for emergency care] Scheidler K, et al. **Z Arztl Fortbild (Jena)** 1984;78(15):647–8 (Ger)

[Incorporation of a rescue station into an emergency care system] Vierkant U, et al. **Z Arztl Fortbild (Jena)** 1984; 78(19):821–4 (Ger)

[Overcoming a catastrophe in peacetime. The 1984 concept of the St. Gallen Canton Hospital and its problems] Hoffmann R, et al. **Z Unfallchir Versicherungsmed Berufskr** 1985;78(1):33–9 (Ger)

[Significance of the existence of emergency department in the hospital and its organization] Mii K. **Rinsho Hoshasen** 1984 Jun;29(6):649–54 (Eng. Abstr.) (Jpn)

[Organizational problems in the treatment of acute cholecystitis] Edlinskiĭ IB, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):58–61 (Eng. Abstr.) (Rus)

[Organization of specialized medical services for patients with gastrointestinal hemorrhage] Vilianskiĭ MP, et al. **Sov Med** 1984;(7):28–32 (Rus)

[Organization of the activities of departments of emergency and referral services] Gerasimenko NF, et al. **Sov Zdravookhr** 1985;(3):46–50 (Rus)

[Volume and nature of the activities of the receiving department of an emergency care hospital] Kustova EA, et al. **Sov Zdravookhr** 1984;(12):32–5 (Eng. Abstr.) (Rus)

[Work experience of the field resuscitation team of a pulmonary therapy center] Kirillov MM, et al. **Ter Arkh** 1985;57(1):76–8 (Rus)

[Hospital problems in pediatric emergencies] Plaza Montero J. **An Esp Pediatr** 1984 Sep 30;21(4):300–8 (Spa)

STANDARDS

Drug security for emergency surgical procedures [letter] Bready LL, et al. **Anesthesiology** 1985 Aug;63(2):225

Ongoing tetanus prophylaxis of injured patients in five hospital emergency rooms. Ribero ML, et al. **Boll Ist Sieroter Milan** 1985;64(1):70–6

Reducing errors in the accident department: a simple method using radiographers. Berman L, et al. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):421–2

Managing interhospital patient transfers. Norman DK. **Hospitals** 1985 Mar 16;59(6):98–101

Time study of an emergency room. Identification of sources of patient delay. Heckerling PS. **IMJ** 1984 Dec; 166(6):437–40

The resuscitation of the severely injured in the accident and emergency department—a medical audit. Dearden CH, et al. **Injury** 1985 Jan;16(4):249–52

Emergency department staffing by nonspecialists. DeBard ML. **J Emerg Med** 1984;1(3):269–70

Normative and technical error in the emergency department. Rosen P, et al. **J Emerg Med** 1983;1(2):155–60

The quality of emergency room radiograph interpretations. McLain PL, et al. **J Fam Pract** 1985 May;20(5):443–8

Method for evaluating hospital emergency department treatment. Dwyer WA Jr. **J Med Soc NJ** 1985 Jul; 82(7):523–8

Implementation of guidelines for the use of skull radiographs in patients with head injuries. Fowkes FG, et al. **Lancet** 1984 Oct 6;2(8406):795–6

Quality of emergency room care during the Israel doctors' strike. Slater PE, et al. **Public Health** 1984 Nov; 98(6):354–60

[The course of suicides and type of care in general hospitals] Corten P. **Arch Belg** 1984;42(9–10):525–38 (Eng. Abstr.) (Fre)

TRENDS

Survey reflects emergency care changes. **Hospitals** 1984 Oct 1;58(19):64

Evolution of emergency services in Central Virginia. Edlich RF, et al. **Va Med** 1985 Mar;112(3):185–7

UTILIZATION

Pensioners attending an accident and emergency department. Gupta RC, et al. **Age Ageing** 1985 Jan;14(1):21–9

Pediatric emergency department utilization in the 1970s. Christoffel KK, et al. **Am J Emerg Med** 1985 May; 3(3):177–81

Effect of season and weather on pediatric emergency department use. Christoffel KK. **Am J Emerg Med** 1985 Jul;3(4):327–30

Emergency department utilization during a doctors' strike. Slater PE, et al. **Am J Emerg Med** 1984 Nov;2(6):486–90

Non-fatal suicidal and life-threatening behavior among 13- to 17-year old adolescents seeking emergency medical care

Deykin EY, et al. **Am J Public Health** 1985 Jan;75(1):90-2

Inappropriate emergency department visits. Buesching DP, et al. **Ann Emerg Med** 1985 Jul;14(7):672-6

Northeastern Ohio Trauma Study III: incidence of fractures. Fife D, et al. **Ann Emerg Med** 1985 Mar;14(3):244-8

Resident medical practitioners in private hospitals. Del Mar C, et al. **Aust Fam Physician** 1985 Jul;14(7):699-700

Weekend use of a children's casualty department by patients who have private doctors. Ryan JG, et al. **Aust Fam Physician** 1985 Jul;14(7):687, 690, 692

The use of a county hospital emergency room by diabetic patients. Murphy CC, et al. **Diabetes Care** 1985 Jan-Feb; 8(1):48-51

Patients attending an accident and emergency department for primary medical care. Andersen NA, et al. **Fam Pract** 1984 Jun;1(2):79-85

Parenteral drug misuse and the accident and emergency department. McGowan A, et al. **Health Bull (Edinb)** 1984 Sep;42(5):252-7

What's the market for emergency care? Inguanzo JM, et al. **Hospitals** 1985 Jun 1;59(11):53-4

Hospitals still dominate emergency care market. Inguanzo JM, et al. **Hospitals** 1985 Jul 1;59(13):84-5

Emergency room leavers: a demographic and interview profile. Wartman SA, et al. **J Community Health** 1984 Summer;9(4):261-8

The functions of the hospital emergency department: a study of patient demand. Calnan M. **J Emerg Med** 1984;2(1):57-63

Patterns of emergency department use during the Israel doctors' strike. Slater PE, et al. **J Emerg Med** 1984; 2(2):111-6

Parental anxiety and children's attendance at emergency departments in relation to the child's birth order. Kushnir T. **J Soc Psychol** 1984 Jun;123(1ST Half):123-9

Differences in use of health services by children according to race. Relative importance of cultural and system-related factors. Orr ST, et al. **Med Care** 1984 Sep;22(9):848-53

The impact of cost sharing on emergency department use. O'Grady KF, et al. **N Engl J Med** 1985 Aug 22; 313(8):484-90

Management of acute asthma attacks in Auckland A & E departments. Glazebrook KN, et al. **NZ Med J** 1985 Jul 24;98(783):590-3

Neighborhood variations in the use of hospital emergency rooms for primary care. Bohland J. **Soc Sci Med** 1984; 19(11):1217-26

Hospital care utilization in a 17,000 population sample: 5-year follow-up. Hansagi H, et al. **Soc Sci Med** 1985;20(5):487-92

[The casualty department study in the western part of Fredriksborg. V. Closing of the casualty department] Banke L, et al. **Ugeskr Laeger** 1985 Feb 4;147(6):547-50 (Eng. Abstr.) **(Dan)**

[Injury pattern in the casualty department of a central hospital] Jensen TT, et al. **Ugeskr Laeger** 1985 Jan 7; 147(2):117-21 (Eng. Abstr.) **(Dan)**

[A casualty department study in the western part of the county of Frederiksborg. I. Registration of the number of contacts] Larsen PN, et al. **Ugeskr Laeger** 1984 Sep 19; 146(38):2895-900 (Eng. Abstr.) **(Dan)**

[The casualty department study in the western part of the County of Frederiksborg. III. Contact pattern in a public casualty department] Larsen T, et al. **Ugeskr Laeger** 1984 Oct 22;146(43):3309-12 (Eng. Abstr.) **(Dan)**

[The casualty department study in the western part of the County of Frederiksborg. IV. Public and restricted casualty departments compared] Larsen T, et al. **Ugeskr Laeger** 1984 Oct 22;146(43):3313-6 (Eng. Abstr.) **(Dan)**

[Profile of psychiatric emergencies in general hospital wards] Corten P, et al. **Acta Psychiatr Belg** 1984 Sep-Oct; 84(5):483-99 (Eng. Abstr.) **(Fre)**

[Changing therapeutic methods and limits of care in accidental injuries] Kazár G, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1984; 27(3):213-8 (Eng. Abstr.) **(Hun)**

[Acute traumatology/orthopedics at the Ullevål hospital] Andersen GP, et al. **Tidsskr Nor Laegeforen** 1985 Feb 10; 105(4):287-90 (Eng. Abstr.) **(Nor)**

[Acute gastroenterological surgery at the Ullevål hospital] Buanes T, et al. **Tidsskr Nor Laegeforen** 1985 Feb 10; 105(4):291-4 (Eng. Abstr.) **(Nor)**

[Emergency hospitalization in a surgical department. A prospective study of treatment routines and resource consumption] Buanes T, et al. **Tidsskr Nor Laegeforen** 1985 Feb 10;105(4):283-7 (Eng. Abstr.) **(Nor)**

[Medical emergencies. Analysis of 18,240 patients treated in the emergency service of a general hospital in a one-year period] Lloret Carbó J, et al. **Med Clin (Barc)** 1984 Jun 23;83(4):135-41 (Eng. Abstr.) **(Spa)**

[Health care among the African population residing in the district of Maresme (Barcelona)] Balanzo Fernández X, et al. **Rev Sanid Hig Publica (Madr)** 1984 Jul-Aug; 58(7-8):769-78 (Eng. Abstr.) **(Spa)**

EMERGENCY SERVICES, PSYCHIATRIC see under **MENTAL HEALTH SERVICES**

EMERGICENTERS see **EMERGENCY MEDICAL SERVICES**

EMETICS

POISONING

Another function of the inner ear: facilitation of the emetic response to poisons. Money KE, et al. **Aviat Space Environ Med** 1983 Mar;54(3):208-11

EMETINE

ANALYSIS

Absorption of ipecac alkaloids in emergency patients. Moran DM, et al. **Ann Emerg Med** 1984 Dec;13(12):1100-2

METABOLISM

[Cybernetic model of emetine kinetics in humans] Synek P, et al. **Cas Lek Cesk** 1984 Aug 3;123(31):965-8 (Eng. Abstr.) **(Cze)**

PHARMACODYNAMICS

Tinidazole and emetine cytogenetic effects evaluated by the micronucleus test in mice. Leal-Garza CH, et al. **Arch Invest Med (Mex)** 1984 Oct-Dec;15(4):311-6 **(Eng, Spa)**

Inhibitors of protein synthesis, puromycin and emetine, inhibit prostaglandin E2 release by skeletal muscle. Turinsky J. **Biochim Biophys Acta** 1985 May 29; 840(1):134-6

Isolation and characterization of Entamoeba histolytica mutants resistant to emetine. Orozco E, et al. **Mol Biochem Parasitol** 1985 Apr;15(1):49-59

Emetine resistance of Chinese hamster cells: structures of wild-type and mutant ribosomal protein S14 mRNAs. Rhoads DD, et al. **Mol Cell Biol** 1985 Jul;5(7):1655-9

THERAPEUTIC USE

T wave inversion during emetine therapy. Mittal SR, et al. **J Assoc Physicians India** 1984 Oct;32(10):880-2

Malaria treated with emetine or metronidazole [letter] James RF. **Lancet** 1985 Aug 31;2(8453):498

Studies on paragonimiasis: treatment with mebendazole, emetine with mebendazole and praziquantel. Benjapong W, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):354-9

TOXICITY

A model system for measuring comparative toxicities of cardiotoxic drugs with cultured rat heart myocytes, endothelial cells and fibroblasts. I. Emetine, chloroquine and metronidazole. Wenzel DG, et al. **Toxicology** 1984 Nov;33(2):103-15

EMIGRATION AND IMMIGRATION

Prevalence of mental disorder in an urban population in central Sweden in relation to social class, marital status and immigration. Halldin J. **Acta Psychiatr Scand** 1985 Feb; 71(2):117-27

Psychiatric diagnoses of Cuban refugees in the United States: findings of medical review boards. Boxer PA, et al. **Am J Psychiatry** 1985 Jan;142(1):86-9

An exploration of somatization among Asian refugees and immigrants in primary care. Lin EH, et al. **Am J Public Health** 1985 Sep;75(9):1080-4

Modernization, migration and obesity among Samoan adults. Bindon JR, et al. **Ann Hum Biol** 1985 Jan-Feb;12(1):67-76

Occlusal variation in Chinese immigrants to the United Kingdom and their offspring. Corruccini RS, et al. **Arch Oral Biol** 1984;29(10):779-82

Bicultural conflict in families. Rosenthal D. **Aust Paediatr J** 1985 Feb;21(1):1-3

Migrant studies in Britain. Adelstein AM, et al. **Br Med Bull** 1984 Oct;40(4):315-9 (24 ref.)

Patterns of mortality among migrants to England and Wales from the Indian subcontinent. Balarajan R, et al. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1185-7

Tuberculosis in Sri Lankan immigrant workers to the Middle East. Uragoda CG. **Ceylon Med J** 1984 Mar;29(1):37-41

Immigrants and a public oral health care service for children in Denmark. Heidmann J, et al. **Community Dent Oral Epidemiol** 1985 Jun;13(3):125-7

The impact of international migration upon the timing of marriage and childbearing. Carlson ED. **Demography** 1985 Feb;22(1):61-72

Escorting mentally ill patients: ignored nursing function. Hermanstyne L. **Dimens Health Serv** 1984 Dec;61(12):30-1

Inter- and intra-population migration of the Gidra in lowland Papua: a population-ecological analysis. Ohtsuka R, et al. **Hum Biol** 1985 Feb;57(1):33-45

Migration and death from malignant melanoma. Cooke KR, et al. **Int J Cancer** 1985 Aug 15;36(2):175-8

The Indochinese: strategies for health survival. Fox R. **Int J Soc Psychiatry** 1984 Winter;30(4):285-91

Psychiatric problems of Turkish labourers in Holland. Sayil I. **Int J Soc Psychiatry** 1984 Winter;30(4):267-73

Psychological and psychiatric aspects of remigration. Hertz DG. **Isr J Psychiatry Relat Sci** 1984;21(1):57-68

Stress and health among Polynesian migrants to New Zealand. Graves TD, et al. **J Behav Med** 1985 Mar; 8(1):1-19

Immigrant workers: health, law, and public policy. Guttmacher S. **J Health Polit Policy Law** 1984 Fall; 9(3):503-14

Assimilation of Indian immigrant adolescents in British society. Sharma SM. **J Psychol** 1984 Sep;118(1ST Half):79-84

On herds, border guards, and ambulatory infection control [editorial] Schoenbaum SC. **JAMA** 1985 Mar 15; 253(11):1611-2

Restriction on entry of overseas medical graduates. **Lancet** 1985 Apr 6;1(8432):825

The Cuban immigration of 1980: a special mental health challenge. Silver LB, et al. **Public Health Rep** 1985 Jan-Feb;100(1):40-8

Immigrant mortality [editorial] Walker AR. **S Afr Med J** 1985 May 4;67(18):702-3

Causes of European emigration to the United States. A humanistic approach. Oishi S. **Sangyo Ika Daigaku Zasshi** 1983 Dec 1;5(4):493-502

Psychiatric disorders in children and family dysfunction. A study of migrant workers' families. Steinhausen HC. **Soc Psychiatry** 1985;20(1):11-6

Mexican immigrants and the utilization of U.S. health services: the case of San Diego. Chavez LR, et al. **Soc Sci Med** 1985;21(1):93-102

Support networks developed by immigrant women. Lynam MJ. **Soc Sci Med** 1985;21(3):327-33

Scholarship, freedom and brain drain in Africa [editorial] Mburu FM. **Soc Sci Med** 1984;19(11):1127-9

Social functions of medical licensing: a case study of Soviet immigrant physicians in Israel. Shuval JT. **Soc Sci Med** 1985;20(9):901-9

Dietary habits and dental health in 6-year-old Finnish immigrant children in Sweden. Widström E, et al. **Swed Dent J** 1985;9(3):135-9

Assessing the psychological being of the Jewish immigrant. Schur TG. **Wis Med J** 1984 Aug;83(8):16-8

[Imported diseases in Switzerland] Degrémont A. **Ther Umsch** 1985 Jan;42(1):7-11 (Eng. Abstr.) **(Fre)**

[Mental health and the immigrant worker] Alcide E. **Union Med Can** 1984 Jul;113(7):599-602 (Eng. Abstr.) **(Fre)**

[Persistence of determination to study medicine and emigration from Israel] Notzer N, et al. **Harefuah** 1984 Jul, 107(1-2):37-9 (Eng. Abstr.) **(Heb)**

[Mental disorders in persons who have stayed abroad for a long time] Krupka-Matuszczyk I, et al. **Psychiatr Pol** 1984 Jul-Aug;18(4):345-8 (Eng. Abstr.) **(Pol)**

[Biochemical polymorphic systems in the population of immigrant inhabitants of the northeastern USSR. III. Selectivity of migration behavior with respect to the genotypes of polymorphic loci] Solovenchuk LL. **Genetika (Moskva)** 1984 Oct;20(10):1719-25 (Eng. Abstr.) **(Rus)**

HISTORY

Grosse Ile: island of the dead. Trent B. **Can Med Assoc J** 1984 Oct 15;131(8):960-8

TRENDS

Tracing the brain drain with reprint requests. Onuigbo WI. **Soc Biol** 1983 Winter;30(4):423-5

Genetic implications of return migration. Relethford JH, et al. **Soc Biol** 1983 Summer;30(2):158-61

EMMENAGOGUES see **MENSTRUATION INDUCING AGENTS**

EMMONSIA see under **MONILIALES**

EMODIN see under **ANTHRAQUINONES**

EMOLLIENTS see under **DERMATOLOGIC AGENTS**

EMOTIONAL DISTURBANCES see **AFFECTIVE SYMPTOMS**

EMOTIONAL STRESS see **STRESS, PSYCHOLOGICAL**

EMOTIONS

see related
- **AFFECTIVE SYMPTOMS**
- **MOTIVATION**

Mood and appetite during minimal-carbohydrate and carbohydrate-supplemented hypocaloric diets. Rosen JC, et al. **Am J Clin Nutr** 1985 Sep;42(3):371-9

Identification of vocally expressed emotions by mentally retarded and nonretarded individuals. Marcell MM, et al. **Am J Ment Defic** 1985 Mar;89(5):537-45

Inspiring hope. Miller JF. **Am J Nurs** 1985 Jan;85(1):22-5

Occupational therapy's challenge: the caring relationship. Devereaux EB. **Am J Occup Ther** 1984 Dec;38(12):791-8

The emotional impact of orthognathic surgery and conventional orthodontics. Kiyak HA, et al. **Am J Orthod** 1985 Sep;88(3):224-34

Seven-month clinical outcome of anhedonic and normally hedonic depressed inpatients. Clark DC, et al. **Am J Psychiatry** 1984 Oct;141(10):1216-20

Emotional features of narcissistic personality disorder. Svrakić DM. **Am J Psychiatry** 1985 Jun;142(6):720-4

Spatial location judgments as a function of intention to learn, and mood state: an evaluation of an alleged automatic encoding operation. Cooper A, et al. **Am J Psychol** 1985 Summer;98(2):261-9

Thalassemic children's understanding of illness: a study of cognitive and emotional factors. Sherman M, et al. **Ann NY Acad Sci** 1985;445:327-36

Parental affective style and the treatment of schizophrenia. Predicting course of illness and social functioning. Doane JA, et al. **Arch Gen Psychiatry** 1985 Jan;42(1):34-42

Channels of emotional expression in patients with unilateral brain damage. Borod JC, et al. **Arch Neurol** 1985 Apr; 42(4):345-8

The effect of perceived physical symptoms on emotion. Schmidt-Atzert L. **Arch Psychol (Frankf)** 1984; 136(1):35-47

Weight loss maintenance as an aspect of family emotion and process. Fischmann-Havstad L, et al. **Br J Clin Psychol** 1984 Nov;23 (Pt 4):265-71

Mood changes in bulimia nervosa. Johnson-Sabine EC, et al. **Br J Psychiatry** 1984 Nov;145:512-6

A controlled trial of social intervention in the families of schizophrenic patients: two year follow-up. Leff J, et al. **Br J Psychiatry** 1985 Jun;146:594-600

Du-Evidenz applied ethology and animal welfare. van Rooijen J. **Br Vet J** 1985 May-Jun;141(3):245-8

Perceptual and conceptual organization of facial emotions: hemispheric differences. Etcoff NL. **Brain Cogn** 1984 Oct; 3(4):385-412

Face memory and hemispheric preference: emotionality and extraversion. Thompson WB, et al. **Brain Cogn** 1984 Jul; 3(3):239-48

The re-establishment of trust through psychotherapy [letter] Millar TP. **Can J Psychiatry** 1984 Dec;29(8):720-3

Abused, neglected, and nonmaltreated preschoolers' ability to discriminate emotions in others: the effects of IQ. Frodi A, et al. **Child Abuse Negl** 1984;8(4):459-65

Behavior and feeling changes in siblings of hospitalized children. Craft MJ, et al. **Clin Pediatr (Phila)** 1985 Jul; 24(7):374-8

Regret after decision to have a tubal sterilization. Grubb GS, et al. **Fertil Steril** 1985 Aug;44(2):248-53

Psychological effects of cardiotocographic and ultrasonographic examinations in pregnancy and labour on the mother. Part II. The influence of cardiotocographic and ultrasonographic examinations on the maternal emotions of reassurance and pleasure. Sioda T, et al. **Ginekol Pol** 1984 Sep;55(9):661-7

Psychiatric consultation in a headache unit. Khouri-Haddad SE. **Headache** 1984 Nov;24(6):322-8

A comprehensive approach to treating infertility. Batterman R. **Health Soc Work** 1985 Winter;10(1):46-54

Severity of emotional distress among sexually abused preschool, school-age, and adolescent children. Gomes-Schwartz B, et al. **Hosp Community Psychiatry** 1985 May;36(5):503-8

Facial expressions of emotion in mother-infant interaction. Trevarthen C. **Hum Neurobiol** 1985;4(1):21-32

Age, era, and life perspective: emotional connotations of the 1920's through the 1980's to individuals in their twenties through their eighties. Gifford R. **Int J Aging Hum Dev** 1984-85;20(1):33-40

Different emotional tones significantly affect recognition performance in patients with Korsakoff psychosis. Markowitsch HJ, et al. **Int J Neurosci** 1984 Dec; 25(1-2):145-59

The need-informational theory of emotions. Simonov PV. **Int J Psychophysiol** 1984 Mar;1(3):277-89

Differential effects of experiential and problem-solving interventions in resolving marital conflict. Johnson SM, et al. **J Consult Clin Psychol** 1985 Apr;53(2):175-84

Naturally occurring mood and learning: comment on Hasher, Rose, Zacks, Sanft, and Doren. Mayer JD, et al. **J Exp Psychol [Gen]** 1985 Sep;114(3):396-409

Being alone versus being with people: disengagement in the daily experience of older adults. Larson R, et al. **J Gerontol** 1985 May;40(3):375-81

Melancholy rhetoricians and melancholy rhetoric: 'black bile' as a rhetorical and medical term in the second century A.D. Pearcy LT. **J Hist Med Allied Sci** 1984 Oct; 39(4):446-56

Age trends of early awakening and feeling worse in the morning than in the evening in apparently normal people. Abe K, et al. **J Nerv Ment Dis** 1985 Aug;173(8):495-8

Women's perceptions of first trimester spontaneous abortion. Wall-Haas CL. **J Obstet Gynecol Neonatal Nurs** 1985 Jan-Feb;14(1):50-3

Worry and emotionality components of test anxiety. Minor SW, et al **J Pers Assess** 1985 Feb;49(1):82-5

Patterns of cognitive appraisal in emotion. Smith CA, et al. **J Pers Soc Psychol** 1985 Apr;48(4):813-38 (30 ref.)

Emotional control and autonomic arousal in breast cancer patients. Watson M, et al. **J Psychosom Res** 1984; 28(6):467-74

Children's emotional response to disasters. Butterfield PT, et al. **J SC Med Assoc** 1984 Nov;80(11):567-70

Emotions and obesity among Mexican-American children. Guinn B. **J Sch Health** 1985 Mar;55(3):113-5

Emotion and immunity [editorial] **Lancet** 1985 Jul 20; 2(8447):133-4

Dental students as operators: emotional reactions. Freeman RE. **Med Educ** 1985 Jan;19(1):27-33

Lymphadenopathy and suppressed emotion [letter] Tait MJ. **NZ Med J** 1985 Aug 14;98(784):655

Moods that predict coming migraine headaches. Harrigan JA, et al. **Pain** 1984 Dec;20(4):385-96

Perception: a model comprising two modes of consciousness. Addendum II: Emotion incorporated. Aurell CG. **Percept Mot Skills** 1984 Aug;59(1):180-2

Judgment of facial expressions of emotion as a function of exposure time. Kirouac G, et al. **Percept Mot Skills** 1984 Aug;59(1):147-50

Reflections on enjoyment. Csikszentmihalyi M. **Perspect Biol Med** 1985 Summer;28(4):489-97

Functional overlay in work-related injury. A system for differentiating conscious from subconscious motivation of persisting symptoms. Florence DW, et al. **Postgrad Med** 1985 Jun;77(8):97-100, 104, 108

On feeling hopeless. Solomon I. **Psychoanal Rev** 1985 Spring; 72(1):55-69

The sinking feeling. Hitchcock J. **Psychoanal Study Child** 1984;39:321-9

Some critical thoughts on expressed emotion. Seywert F. **Psychopathology** 1984;17(5-6):233-43

Effects of acute marijuana smoking on pulse rate and mood states in women. Lex BW, et al. **Psychopharmacology (Berlin)** 1984;84(2):178-87

Menstrual cycle symptomatology: the role of social expectancy and experimental demand characteristics. AuBuchon PG, et al. **Psychosom Med** 1985 Jan-Feb; 47(1):35-45

Facial expressions of emotion and physiologic reactions in children with bronchial asthma. Florin I, et al. **Psychosom Med** 1985 Jul-Aug;47(4):382-93

Long-term regret among 216 sterilized women. A six-year follow-up investigation. Bordahl PE. **Scand J Soc Med** 1985;13(1):41-7

The internship year: a study of sleep, mood states, and psychophysiologic parameters. Ford CV, et al. **South Med J** 1984 Nov;77(11):1435-42

[Emotional determinants of voice function therapy] Pfau EM. **Folia Phoniatr (Basel)** 1984;36(5):213-8 (Eng. Abstr.) **(Ger)**

[Effects of self concept on causal attributions and emotional reactions in imagined success and failure situations] Beutel M, et al. **Z Klin Psychol Psychopathol Psychother** 1984; 32(2):146-58 **(Ger)**

[Aggressiveness and emotions in communication] Ricci Bitti P. **Minerva Psichiatr** 1984 Jul-Sep;25(3):181-5 **(Ita)**

[The effects of unpleasant sounds on human EEGs] Miyake S, et al. **Nippon Eiseigaku Zasshi** 1984 Jun;39(2):523-34 (Eng. Abstr.) **(Jpn)**

[The emotional state of children with lymphoblastic leukemia] Franiczek W, et al. **Wiad Lek** 1984 Apr 1; 37(7):511-5 (Eng. Abstr.) **(Pol)**

[Diagnostic significance of psychoemotional loading tests in patients with ischemic heart disease] Revenko VN. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1984;7(2):95-6 **(Rus)**

[Prediction of the psychoemotional state of younger schoolchildren during dental treatment] Solov'ev MM, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):55-8 (Eng. Abstr.) **(Rus)**

[Complex psychologico-psychiatric expert testimony with regard to affective reactions in mentally normal persons and in psychopaths] Pechernikova TP, et al. **Sud Med Ekspert** 1985 Jan-Mar;28(1):35-9 (Eng. Abstr.) **(Rus)**

[Recognition of emotional states by epileptics from voices] Tarkhan AU, et al. **Zh Nevropatol Psikhiatr** 1985; 85(6):840-6 (Eng. Abstr.) **(Rus)**

[Features of dysphoric states developing within the framework of endogenous depression] Zharikov MN. **Zh Nevropatol Psikhiatr** 1984;84(12):1844-8 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Comparison of ketamine and thiopental in healthy volunteers: effects on mental status, mood, and personality. Moretti RJ, et al. **Anesth Analg** 1984 Dec;63(12):1087-96

Inhibition of locomotor activity during cholinergically-induced emotional-aversive response in the cat. Brudzyński SM, et al. **Behav Brain Res** 1984 Dec; 14(3):247-53

ACTH4-10 produces a transient decrease in septal hyperemotionality. Isaacson RL, et al. **Behav Neural Biol** 1985 Jan;43(1):109-13

Mood alteration following oral and intravenous haloperidol and relationship to drug concentration in normal subjects. Magliozzi JR, et al. **J Clin Pharmacol** 1985 May-Jun; 25(4):285-90

Elevation of mood due to antidepressants [letter] Pearce PL. **JAMA** 1985 Jun 7;253(21):3091-2

Dose-dependent influence of fentanyl on prolactin, growth hormone, and mood. Hoehe M, et al. **Neuropeptides** 1984 Dec;5(1-3):269-72

Influences of benzodiazepines on hypothalamically elicited emotional responses in the rabbit. Koreli A, et al. **Physiol Behav** 1984 Aug;33(2):339-41

The discriminative stimulus and subjective effects of d-amphetamine in humans. Chait LD, et al. **Psychopharmacology (Berlin)** 1985;86(3):307-12

Acetylmethadol versus methadone: human mood and motility. Crowley TJ, et al. **Psychopharmacology (Berlin)** 1985;86(4):458-63

Relationship of pregnanediol level to cognitive behavior and mood. Graham EA, et al. **Psychosom Med** 1985 Jan-Feb; 47(1):26-34

A preliminary report on anti-depressant therapy and its effects on hope and immunity. Udelman DL, et al. **Soc Sci Med** 1985;20(10):1069-72

[The combined effects of oxazolam and alcohol on achievement and mood in healthy subjects] Hopes H, et al. **Arzneimittelforsch** 1984;34(8):921-6 (Eng. Abstr.) **(Ger)**

[Method and device for evaluating the emotionally-positive effects of pharmacologic agents] Zvartau EE, et al. **Zh Vyssh Nerv Deiat** 1984 Jul-Aug;34(4):802-3 **(Rus)**

PHYSIOLOGY

Neurophysiological organisation of emotional states and responses in man. Bechtereva NP, et al. **Act Nerv Super (Praha)** 1984 Sep;26(3):169-90

The participation of serotoninergic system in the regulation of emotional-defensive behavior evoked by intrahypothalamic carbachol injections in the cat. Golebiewski H, et al. **Acta Neurobiol Exp (Warsz)** 1985; 45(1-2):25-36

The physiology of opiate hedonic effects and the role of opioids in motivated behavior. Carr KD. **Adv Alcohol Subst Abuse** 1984 Spring;3(3):5-18 (67 ref.)

Emotional behaviour and the limbic system. Gray JA. **Adv Psychosom Med** 1985;13:1-25 (56 ref.)

The allergic irritability syndrome: four case reports and a position statement from the Neuroallergy Committee of the American College of Allergy. Klein GL, et al. **Ann Allergy** 1985 Jul;55(1):22-4

Auditory emotional memories: establishment by projections from the medial geniculate nucleus to the posterior neostriatum and/or dorsal amygdala. LeDoux JE, et al. **Ann NY Acad Sci** 1985;444:463-4

REM-sleep deprivation, stress and emotional behavior in rats. Kovalzon VM, et al. **Behav Brain Res** 1984 Dec; 14(3):235-45

Septal lesions and biting attacks in rats bidirectionally selected for emotionality. Annen Y, et al. **Behav Neural Biol** 1985 Mar;43(2):132-42

Hemispheric differences in split-brain monkeys viewing and responding to videotape recordings. Ifune CK, et al. **Behav Neural Biol** 1984 Jul;41(2):231-5

Asymmetric EEG changes as method actors generated emotions. Tucker DM, et al. **Biol Psychol** 1984 Aug; 19(1):63-75

The effects of spinal injury on the intensity of emotional experience. Lowe J, et al. **Br J Clin Psychol** 1985 May; 24 (Pt 2):135-6

Mood and pulmonary function in adult asthmatics: a pilot self-monitoring study. Steptoe A, et al. **Br J Med Psychol** 1985 Mar;58 (Pt 1):87-94

The evaporimeter and emotional sweating in the neonate. Rutter N. **Clin Perinatol** 1985 Feb;12(1):63-77

Asymmetrical facial expressions: a different interpretation. Dane FC, et al. **Cortex** 1985 Jun;21(2):301-3

Educating phobic clients about the physiology of their feelings. Badding NC. **Health Soc Work** 1985 Winter; 10(1):23-34

Neurophysiology of intellectual and emotional processes in man. Bechtereva NP. **Int J Psychophysiol** 1983 Aug; 1(1):7-12

Role of emotions and stress in the genesis of sudden death. Eliot RS, et al. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):95B-98B (19 ref.)

Emotional behavior and arrhythmias induced in cats by hypothalamic stimulation. Tashiro N, et al. **Life Sci** 1985 Mar 18;36(11):1087-94

Effect of crowding on emotional reactivity in male rats. Armario A, et al. **Neuroendocrinology** 1984 Oct;39(4):330-3

Participation of emotional structures of the brain in the regulation of gastric secretory function. Kassil' VG, et al. **Neurosci Behav Physiol** 1984 Sep-Oct;14(5):395-9

Relationship between emotions and muscle tension in oro-alimentary behavior. Ruggieri V, et al. **Percept Mot Skills** 1985 Feb;60(1):75-9

Psychometric properties of King's Rodent Emotionality Rating Scale. Jacobs KW, et al. **Psychol Rep** 1984 Dec; 55(3):951-8

Emotionality and the course of collagen arthritis in the rat. Nowlis DP. **Psychol Rep** 1984 Dec;55(3):875-82

Changes in saliva testosterone after psychological stimulation in men. Hellhammer DH, et al. **Psychoneuroendocrinology** 1985;10(1):77-81

Effects of lateralized presentations of faces on self-reports of emotion and EEG asymmetry in depressed and non-depressed subjects. Davidson RJ, et al. **Psychophysiology** 1985 May;22(3):353-64

Pattern recognition of self-reported emotional state from multiple-site facial EMG activity during affective imagery. Fridlund AJ, et al. **Psychophysiology** 1984 Nov; 21(6):622-37

Blood, sweat, and tears: individual differences in autonomic self-perception. Katkin ES. **Psychophysiology** 1985 Mar; 22(2):125-37

Psychophysiological response of breast- and bottle-feeding mothers to their infants' signals. Wiesenfeld AR, et al. **Psychophysiology** 1985 Jan;22(1):79-86

EEG alpha activity reflects attentional demands, and beta activity reflects emotional and cognitive processes. Ray WJ, et al. **Science** 1985 May 10;228(4700):750-2

Emotion and facial efference: a theory reclaimed. Zajonc RB. **Science** 1985 Apr 5;228(4695):15-21

[Art and perception; a psychological-physiological study] Henkemans J. **Ned Tijdschr Geneeskd** 1984 Dec 22; 128(51):2393-6 (Eng. Abstr.) **(Dut)**

[Behavioral disorders in animals of stock farms] Wiepkema PR. **Tijdschr Diergeneeskd** 1985 Jan 1;110(1):12-20 (Eng. Abstr.) **(Dut)**

[Emotions and cardiovascular psychosomatic disorders] Garrone G. **Schweiz Med Wochenschr** 1984 Dec 8; 114(49):1819-21 (Eng. Abstr.) **(Fre)**

[EEG activation methods in psychiatry (with consideration of emotional states)] Mrňa B. **Acta Univ Palacki Olomuc Fac Med** 1985;108:283-8 (Eng. Abstr.) **(Rus)**

[Role of positive emotions and emotion-positive brain structures in the regulation of the process of gestation] Savchenko IuI, et al. **Akush Ginekol (Mosk)** 1984 Dec; (12):11-4 (Eng. Abstr.) **(Rus)**

[Recall of emotiogenic and neutral verbal information in monaural presentations during adaptation] Leutin VP, et al. **Fiziol Cheloveka** 1984 Jul-Aug;10(4):569-72 **(Rus)**

[Changes in the perception and recall of emotiogenic information in neuroses] Leutin VP, et al. **Fiziol Cheloveka** 1984 Mar-Apr;10(2):326-8 **(Rus)**

[Effect of activations of ASFF-2 on the human emotional state] Miroliubov AV, et al. **Fiziol Cheloveka** 1984 Jul-Aug; 10(4):674-5 **(Rus)**

[Emotions, immunity and disease] Solomon GF, et al. **Fiziol Cheloveka** 1984 Mar-Apr;10(2):242-51 (117 ref.) **(Rus)**

[Lateralization of emotional functions] Kostandov EA. **Fiziol Zh SSSR** 1984 Jul;70(7):976-82 (17 ref.) (Eng. Abstr.) **(Rus)**

[Characteristics of baroreceptor reflexes as affected by negative and positive emotions] Pliss MG, et al. **Fiziol Zh SSSR** 1985 May;71(5):587-92 (Eng. Abstr.) **(Rus)**

[Prolonged electrostimulation of the negative emotiogenic areas of the brain as a model of chronic emotional stress] Vediaev FP. **Fiziol Zh SSSR** 1984 Sep;70(9):1280-5 (Eng. Abstr.) **(Rus)**

[Role of emotions in cholinergic mechanisms of formation and reproduction of a bilateral conditioned avoidance reflex] Abuladze GV, et al. **Zh Vyssh Nerv Deiat** 1985 Mar-Apr;35(2):272-9 (Eng. Abstr.) **(Rus)**

[Interhemispheric asymmetry of 'emotional resonance' in the rat] Bianki VL, et al. **Zh Vyssh Nerv Deiat** 1985 Mar-Apr; 35(2):261-6 (Eng. Abstr.) **(Rus)**

[Electric reactive potentials to events of a positive and negative emotional nature] Ivanitskii AM, et al. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):413-9 (Eng. Abstr.) **(Rus)**

[Paradoxical sleep deprivation, stress and emotionality in the rat] Koval'zon VM, et al. **Zh Vyssh Nerv Deiat** 1985 Jan-Feb;35(1):117-24 (Eng. Abstr.) **(Rus)**

[Effect of negative emotions on various links in visual-motor integration in man] Shostakovich GS, et al. **Zh Vyssh Nerv Deiat** 1985 Jan-Feb;35(1):73-80 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

[Behavior of cats following gamma-irradiation of the head: the induced pleasure test] Davydov BI, et al. **Radiobiologiia** 1985 Jan-Feb;25(1):116-9 (Eng. Abstr.) **(Rus)**

EMPATHY

Empathy and outcome in brief focal dynamic therapy. Free NK, et al. **Am J Psychiatry** 1985 Aug;142(8):917-21

Empathy from the perspective of the student therapist. Carsen ML, et al. **Hillside J Clin Psychiatry** 1984; 6(2):259-70

Forms, difficulties, and tests of empathy. Havens LL, et al. **Hillside J Clin Psychiatry** 1984;6(2):285-91

Empathy training for beginning therapists. Lewis JM. **Hillside J Clin Psychiatry** 1984;6(2):250-8

Empathy in the self/selfobject dyad. Muslin HL. **Hillside J Clin Psychiatry** 1984;6(2):271-84

Introduction to symposium on empathy in psychotherapy. Roskin G. **Hillside J Clin Psychiatry** 1984;6(2):243-9 (29 ref.)

Empathy and death expressions in a therapy group of parents of Israeli soldiers. Mester R, et al. **Int J Group Psychother** 1984 Oct;34(4):627-37

Empathic understanding: a review of the concept and some theoretical considerations. Basch MF. **J Am Psychoanal Assoc** 1983;31(1):101-26

Empathy and psychoanalytic technique. Levy ST. **J Am Psychoanal Assoc** 1985;33(2):353-78

Developmental differences in empathy with a television protagonist's fear. Wilson BJ, et al. **J Exp Child Psychol** 1985 Apr;39(2):284-99

A comparison of four empathy instruments in simulated patient-medical student interactions. Jarski RW, et al. **J Med Educ** 1985 Jul;60(7):545-51

Perceived role-taking behavior and course grades in junior year college nursing students. Moser RS. **J Nurs Educ** 1984 Sep;23(7):294-7

Elements of empathic care for dying patients and their families. Tyner R. **Nurs Clin North Am** 1985 Jun; 20(2):393-401

Is there any empathy left for the nurses? Stevens BJ. **Nurs Outlook** 1985 Jan-Feb;33(1):58, 57

The component elements of physician compassion. Glick SM. **Pharos** 1985 Winter;48(1):9-14

Potentiality shrouded: how the newer theories work. Friedman L. **Psychoanal Q** 1985 Jul;54(3):379-414

Empathy in orphaned children. Kalliopuska M. **Psychol Rep** 1984 Aug;55(1):12-4

Hypertension, perceived clinician empathy, and patient self-disclosure. Dawson C. **Res Nurs Health** 1985 Jun; 8(2):191-8

[An experiential learning course on teaching humanistic skills to medical students--effect on empathy and regard for others] Ikemi A, et al. **Sangyo Ika Daigaku Zasshi** 1984 Sep 1;6(3):265-71 (Eng. Abstr.) **(Jpn)**

EMPHYSEMA

see related

PULMONARY EMPHYSEMA

CHEMICALLY INDUCED

Pneumomediastinum and retropneumoperitoneum: an unusual complication of syrup-of-ipecac-induced emesis. Wolowodiuk OJ, et al. **Ann Emerg Med** 1984 Dec; 13(12):1148-51

COMPLICATIONS

Retropharyngeal emphysema and acute upper respiratory distress: a complication of mediastinal emphysema. Silfen EZ. **Am J Emerg Med** 1984 Sep;2(5):402-5

Nocturnal cough in patients with chronic bronchitis and emphysema. Power JT, et al. **Am Rev Respir Dis** 1984 Dec; 130(6):999-1001

Tension subcutaneous emphysema. Tonnesen AS, et al. **Anesthesiology** 1985 Jan;62(1):90-2

Nocturnal deaths among patients with chronic bronchitis and emphysema. McNicholas WT, et al. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):878

Intracranial hypertension secondary to tension subcutaneous emphysema. Coelho JC, et al. **Crit Care Med** 1985 Jun; 13(6):512-3

Spontaneous combined intraperitoneal gas and supraclavicular subcutaneous emphysema. Ward MW, et al. **J R Coll Surg Edinb** 1984 Nov;29(6):385-6

Emphysematous pyelonephritis [editorial] **Lancet** 1985 Aug 10;2(8450):314-5

Role of the parasympathetic system in airway obstruction due to emphysema [letter] Kneussl M, et al. **N Engl J Med** 1984 Nov 22;311(21):1379-80

Intraventricular pneumocephalus secondary to subcutaneous emphysema: a case report. Horton DD, et al. **Neurosurgery** 1984 Oct;15(4):557-8

Spontaneous scrotal emphysema--a cause of scrotal swelling. Gerdin B, et al. **Scand J Urol Nephrol** 1985;19(1):77-9

[Gas producing cellulitis in a case with acute lymphoblastic leukemia] Ohsaka A, et al. **Rinsho Ketsueki** 1985 Feb; 26(2):195-200 (Eng. Abstr.) **(Jpn)**

CONGENITAL

Radiological case of the month. Pneumoretroperitoneum and pulmonary interstitial emphysema. Cifuentes RF, et al. **Am J Dis Child** 1985 Apr;139(4):423-4

[Unusual cutaneous emphysema in a newborn infant following bilateral pneumothorax] Frisch H, et al. **Padiatr Padol** 1985;20(2):193-200 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

Destructive index: a measurement of lung parenchymal destruction in smokers. Saetta M, et al. **Am Rev Respir Dis** 1985 May;131(5):764-9

Sonography of emphysematous pyelonephritis. Allen HA 3d, et al. **J Ultrasound Med** 1984 Dec;3(12):533-7

Emphysematous pyelonephritis in a renal transplant: sonographic and computed tomographic features. Balsara VJ, et al. **J Ultrasound Med** 1985 Feb;4(2):97-9

Sonography of emphysematous cystitis. Kauzlaric D, et al. **J Ultrasound Med** 1985 Jun;4(6):319-20

Emphysematous cystitis. Cohen JK, et al. **J Urol (Paris)** 1984; 90(3):207-9

Emphysema in the renal allograft. Potter JL, et al. **Radiology** 1985 Apr;155(1):51-2

[Emphysematous pyelonephritis. A rare disease. Critical analysis of the literature. Apropos of a new case] Wart F, et al. **Acta Urol Belg** 1984;52(4):524-31 (Eng. Abstr.) **(Fre)**

[Pneumosinus of the frontal sinus] Kud' AA, et al. **Vestn Otorinolaringol** 1985 May-Jun;(3):84 **(Rus)**

[Emphysematous cholecystitis: early diagnosis by echography (letter)] Baselga JM, et al. **Med Clin (Barc)** 1985 Jun 29;85(5):211 **(Spa)**

ENZYMOLOGY

Stimulation of lung lysyl oxidase activity in hamsters with elastase-induced emphysema. Osman M, et al. **Am Rev Respir Dis** 1985 Jan;131(1):169-70

ETIOLOGY

Excess ventilation with oxygen-powered resuscitators. Osborn HH, et al. **Am J Emerg Med** 1984 Sep;2(5):408-13

Cervical surgical emphysema following extradural analgesia. Carter MI. **Anaesthesia** 1984 Nov;39(11):1115-6

Sublingual emphysema complicating dental anesthesia. Means LJ, et al. **Anesth Analg** 1985 Jul;64(7):737-8

A rare complication of anastomotic leakage after low anterior resection of the rectum. Brynitz S. **Ann Chir Gynaecol** 1985; 74(2):101-3

Pulmonary barotrauma during CPR training [letter] Wigder HN, et al. **Ann Emerg Med** 1985 Mar;14(3):279-81

Subconjunctival emphysema as a complication of PEEP. Lee TS, et al. **Ann Ophthalmol** 1980 Sep;12(9):1080-1

Subcutaneous emphysema: a new form of self abuse. McGraw ME, et al. **Arch Dis Child** 1984 Oct;59(10):990-2

Subconjunctival emphysema associated with mechanical ventilation [letter] Seiff SR, et al. **Arch Ophthalmol** 1985 Sep;103(9):1277-8

Subcutaneous emphysema: a rare complication of fibreoptic sigmoidoscopy. McCarthy JH, et al. **Aust NZ J Med** 1985 Feb;15(1):47-9

Gastric emphysema: an etiologic classification. Agha FP. **Australas Radiol** 1984 Nov;28(4):346-52

Inhaled foreign body causing swelling of the neck. Jaswon MS, et al. **Br Med J [Clin Res]** 1984 Dec 22-29; 289(6460):1742

Necrotizing emphysematous pyelonephritis: a case report. Pinna A, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jun;23(6):323-5

Nausea, vomiting, and epigastric pain in an elderly diabetic. Medero M, et al. **JAMA** 1985 Sep 20;254(11):1485-6

Surgical emphysema from wound drainage suction unit [letter] Naguib M, et al. **Lancet** 1985 Jun 8;1(8441):1330

Emphysematous pyelonephritis in a patient with diabetes mellitus and total pelvic exenteration. Bakri YN, et al. **Obstet Gynecol** 1984 Nov;64(5):740-1

The role of nutrition in the pathogenesis of emphysema. Dauber JH, et al. **Surv Synth Pathol Res** 1984;3(1):83-92 (41 ref.)

[Pneumomediastinum and subcutaneous emphysema after translaryngeal jet ventilation] Bourreli B, et al. **Ann Fr Anesth Reanim** 1984;3(5):377-9 (Eng. Abstr.) **(Fre)**

[Post-traumatic isolated retrobulbar emphysema] Leleux D, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):655-6 **(Fre)**

[Mediastinal and subcutaneous emphysema in diabetic acidoketosis (letter)] Cougard P, et al. **Presse Med** 1985 May 11;14(19):1095-6 **(Fre)**

[Emphysema as a leading symptom] Jakse R. **Laryngol Rhinol Otol (Stuttg)** 1985 Jun;64(6):275-82 (Eng. Abstr.) **(Ger)**

[Pseudo-gas gangrene of the extremity due to posttraumatic air during skiing] Lehner K. **ROFO** 1985 Apr;142(4):474-5 **(Ger)**

[Artificial subcutaneous emphysema of the facial soft-tissues] Nyberg P, et al. **Schweiz Rundsch Med Prax** 1984 Oct 2; 73(40):1223-5 (Eng. Abstr.) **(Ger)**

[Emphysematous pyelonephritis: report of a case] Takigawa H, et al. **Hinyokika Kiyo** 1985 Feb;31(2):289-94 (Eng. Abstr.) **(Jpn)**

['Gas syndrome' in closed chest trauma] Sazonov KN, et al. **Vestn Khir** 1985 Feb;134(2):64-7 (Eng. Abstr.) **(Rus)**

[Retroperitoneal, mediastinal and cervical emphysema as a complication to colonoscopy] Ling L. **Lakartidningen** 1985 Apr 10;82(15):1377 **(Swe)**

METABOLISM

Biosynthesis of hyaluronic acid, heparan sulfate and structural glycoproteins in hamster lung explants during elastase induced emphysema. Lafuma C, et al. **Connect Tissue Res** 1985;13(2):169-79

PHYSIOPATHOLOGY

Histochemical and biochemical correlates of ventilatory muscle fatigue in emphysematous hamsters. Farkas GA, et al. **J Clin Invest** 1984 Oct;74(4):1214-20

[Development of respiratory function in patients with chronic obstructive respiratory disease] Höffe G, et al. **Dtsch Med Wochenschr** 1985 Mar 15;110(11):415-9 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

Radiological case of the month. Pneumoretroperitoneum following blunt abdominal trauma. Weinberg HD, et al. **Am J Dis Child** 1985 Mar;139(3):317-8

Gastric emphysema. Lee S, et al. **Am J Gastroenterol** 1984 Nov;79(11):899-904

Emphysematous pyelonephritis. Shah BN, et al. **Br J Urol** 1984 Oct;56(5):548-9

CT diagnosis of emphysematous pyelonephritis. Vas W, et al. **Comput Radiol** 1985 Jan-Feb;9(1):37-9

Pneumobilia as the sole radiographic finding in emphysematous cholecystitis. Johnson H Jr, et al. **Int Surg** 1984 Oct-Dec;69(4):365-7

Extraperitoneal gas: compartmental localization and identification of source. Han SY, et al. **J Can Assoc Radiol** 1985 Mar;36(1):17-21

Radiographic and CT demonstration of mammary emphysema. Vargas FC, et al. **J Comput Assist Tomogr** 1985 May–Jun;9(3):560–2

Emphysematous renal and perirenal infection in nondiabetic patient. Pode D, et al. **Urology** 1985 Sep;26(3):313–5

[Case of acute gaseous cholecystitis] Galkin EV, et al. **Vestn Rentgenol Radiol** 1985 Mar–Apr;(2):80 (Rus)

SURGERY

Orbital emphysema as an ophthalmologic emergency. Fleishman JA, et al. **Ophthalmology** 1984 Nov;91(11):1389–91

THERAPY

Problems before, during and after mechanical ventilation in chronic bronchitis and emphysema. Flenley DC. **Schweiz Med Wochenschr** 1985 Feb 9;115(6):186–9

Emphysematous pyelonephritis—a case report. Chou YH, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Jan;84(1):154–9

[Emphysematous pyelonephritis—a report of 2 cases] Chen HS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Jan;84(1):148–53 (Eng. Abstr.) (Chi)

VETERINARY

Tracheal rupture in two horses. Fubini SL, et al. **J Am Vet Med Assoc** 1985 Jul 1;187(1):69–70

Two cases of murine intestinal emphysema. Takahashi K, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):933–6

EMPHYSEMA, MEDIASTINAL see **MEDIASTINAL EMPHYSEMA**

EMPHYSEMA, PULMONARY see **PULMONARY EMPHYSEMA**

EMPLOYEE DISCIPLINE see under **PERSONNEL MANAGEMENT**

EMPLOYEE GRIEVANCES see under **PERSONNEL MANAGEMENT**

EMPLOYEE HEALTH SERVICES see **OCCUPATIONAL HEALTH SERVICES**

EMPLOYEE INCENTIVE PLANS see under **PERSONNEL MANAGEMENT**

EMPLOYEE ORIENTATION PROGRAMS see **INSERVICE TRAINING**

EMPLOYEE PERFORMANCE APPRAISAL see under **PERSONNEL MANAGEMENT**

EMPLOYEE STRIKES see **STRIKES, EMPLOYEE**

EMPLOYMENT

Depressive symptoms among women employed outside the home. Krause N, et al. **Am J Community Psychol** 1985 Feb;13(1):49–67

Re: 'Incapacitating effects of Schistosomiasis mansoni on the productivity of sugar–cane cutters in northeastern Brazil' [letter] Davidson RK. **Am J Epidemiol** 1985 Mar;121(3):476

Legal aspects of termination of employment. Greenberg RB. **Am J Hosp Pharm** 1984 Oct;41(10):2074–7

Employment discrimination implications of genetic screening in the workplace under Title VII and the Rehabilitation Act. Canter EF. **Am J Law Med** 1984 Fall;10(3):323–47

Legal recourse for the cancer patient–returnee: the Rehabilitation Act of 1973. Sigel CJ. **Am J Law Med** 1984 Fall;10(3):309–21

New York City: a nurse metropolis. Ballman CS. **Am J Nurs** 1985 Apr;85(4):434, 437, 440, passim

AJN job focus. The Texas point of view. Ballman CS. **Am J Nurs** 1985 Jun;85(6):701–14

Sex differences in the impact of work on physical and psychological health. Zappert LT, et al. **Am J Psychiatry** 1985 Oct;142(10):1174–8

Work for the disabled [editorial] Chamberlain MA. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):639–40

GPs and their staff: dismissals: fair or unfair? Ellis N. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):668–70

Epilepsy and employment [editorial] Gloag D. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):2–3

First senior house officer job: goal or hurdle? Glynn MJ, et al. **Br Med J [Clin Res]** 1985 Jul 27;291(6490):292–3

Provision for maternity leave for general practitioners. Schofield P, et al. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):525–6

Employee or independent contractor? Mole EE. **Can Dent Assoc J** 1984 Aug;50(8):617–8

Managing technological change in the workplace. Harvey EB, et al. **Can J Public Health** 1985 May–Jun;76 Suppl 1:55–7

Employment history valued but not recorded by MDs [letter] Alleyne BC, et al. **Can Med Assoc J** 1984 Nov 1;131(9):1014

Child labor in Bombay. Mehta MN, et al. **Child Abuse Negl** 1985;9(1):107–11

The health care of working children. Shah PM. **Child Abuse Negl** 1984;8(4):541–4

Men and women as parents: sex role orientations, employment, and parental roles with infants. McHale SM, et al. **Child Dev** 1984 Aug;55(4):1349–61

The relation between maternal employment status and the stability of attachments to mother and to father. Owen MT, et al. **Child Dev** 1984 Oct;55(5):1894–901

Employed mothers and family day–care substitute caregivers: a comparative analysis of infant care. Stith SM, et al. **Child Dev** 1984 Aug;55(4):1340–8

Workers are parents, too. Akabas SH. **Child Welfare** 1984 Sep–Oct;63(5):387–99

Physicians as employees of the pharmaceutical industry. Berde B. **Eur J Clin Pharmacol** 1985;28(4):363–5

Factors associated with the employment status of handicapped youth exiting high school from 1979 to 1983. Hasazi SB, et al. **Except Child** 1985 Apr;51(6):455–77

New trends in vocational rehabilitation and employment of disabled persons. Cooper NE. **G Ital Med Lav** 1984 Jan–Mar;6(1–2):5–9

Work, retirement, and well–being among unmarried men and women. Keith PM. **Gerontologist** 1985 Aug;25(4):410–6

Terminations require thoughtful handling. **Hospitals** 1984 Nov 1;58(21):50

Staff reductions: legal and practical issues. Weimer W, et al. **Hospitals** 1985 Sep 16;59(18):114–5

Sociological aspects of child labour. Sundari L, et al. **Indian J Pediatr** 1984 Nov–Dec;51(413):665–8

Labor force behavior of alcoholics: a review. Forcier MW. **Int J Addict** 1985 Feb;20(2):253–68

Relationships between sleep and retirement–nonretirement status. Webb WB, et al. **Int J Aging Hum Dev** 1984–85;20(1):13–9

The occupational success of visually handicapped adolescents in the first year after leaving school for the partially seeing. Wolffe M, et al. **Int J Rehabil Res** 1984;7(4):399–407

Abilities and requirements profiles: a tool to facilitate reintegration of people with disabilities into employment. Mittelsten–Scheid EE. **Int Rehabil Med** 1985;7(2):82–4

Employment in dental offices. Another perspective on practice–busyness. Waldman HB. **J Am Coll Dent** 1984 Winter;51(4):9–13

Dentist unemployment—a Scandinavian reality. Moore R. **J Am Dent Assoc** 1985 Jan;110(1):92–6

Work status after coronary artery bypass operation. Rodis E, et al. **J Cardiovasc Surg (Torino)** 1985 May–Jun;26(3):228–30

Employment and psychological well–being in Mexican American women. Krause N, et al. **J Health Soc Behav** 1985 Mar;26(1):15–26

Daily travel of Sundanese peasants in Indonesia: its relevance to work time. Takasaka K. **J Hum Ergol (Tokyo)** 1984 Sep;13(1):79–82

Managing staff cutbacks. Darling LA, et al. **J Nurs Adm** 1985 Jan;15(1):29–34

Cost per RN hired. Hoffman FM. **J Nurs Adm** 1985 Feb;15(2):27–9

Use of physician–hired nurses. A survey. Rustia J, et al. **J Nurs Adm** 1985 Sep;15(9):35–40

Formulating a managerial strategy for part–time nurses. Wakefield DS, et al. **J Nurs Adm** 1985 Jan;15(1):35–9

Part–time employment and women's health. Herold J, et al. **J Occup Med** 1985 Jun;27(6):405–12

The 'healthy worker effect' on morbidity rates. Sterling TD, et al. **J Occup Med** 1985 Jul;27(7):477–82

Analysis of the need for training, employment, and specialization in dental public health. Lotzkar S. **J Public Health Dent** 1985 Spring;45(2):106–13

Evaluation of the experiences of trainees seeking employment after completion of their vocational training. North MA. **J R Coll Gen Pract** 1985 Jan;35(270):29–33

The employment problems of people disabled by schizophrenia. Floyd M. **J Soc Occup Med** 1984 Aug;34(3):93–5

Low back pain and the prospects for employment. Mitchell JN. **J Soc Occup Med** 1985 Autumn;35(3):91–4

Employment of workers with cardiac disease. Scott AR. **J Soc Occup Med** 1985 Autumn;35(3):99–102

Unorthodox clinical practice: employment, evaluation, and teaching. Issues raised by the suspension of an obstetrician. Draper P. **Lancet** 1985 Sep 28;2(8457):713–4

A five–year follow–up of sheltered workshop employees placed in competitive jobs. Brickey MP, et al. **Ment Retard** 1985 Apr;23(2):67–73

Work attendance in competitive employment: comparison between employees who are nonhandicapped and those who are mentally retarded. Martin JE, et al. **Ment Retard** 1985 Jun;23(3):142–7

Moonlighting house officers [letter] **N Engl J Med** 1985 Mar 28;312(13):862–4

Moonlighting house officers: the silent majority. Moss AJ. **N Engl J Med** 1984 Nov 22;311(21):1375–7

Moonlighting medical students [letter] Rosevear CG, et al. **N Engl J Med** 1985 Mar 28;312(13):864

The role of employment in the rehabilitation of heroin addicts. Platt JJ, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1985;58:111–21

Jobs for biochemists [letter] Arnstein HR. **Nature** 1984 Nov 8–14;312(5990):96

Gloomy outlook for young neuroscientists [news] Blakeslee S. **Nature** 1984 Nov 8–14;312(5990):91

Clarifying tenure requirements. Freeman LH, et al. **Nurs Outlook** 1985 Jan–Feb;33(1):43–5

Employment, family roles, and mental ill health in young married women. Woods NF. **Nurs Res** 1985 Jan–Feb;34(1):4–10

Capitalizing on the hidden job market. Ciocci G. **Nurse Pract** 1984 Dec;9(12):31–3

The employment and education of the partially sighted in the period immediately after leaving special school. Wild JM, et al. **Ophthalmic Physiol Opt** 1985;5(1):73–80

Is paid employment during pregnancy detrimental to the offspring? Beral V, et al. **Prog Clin Biol Res** 1985;163B:261–4

The closing at Canadian Admiral: correlates of individual well–being sixteen months after shutdown. Burke RJ. **Psychol Rep** 1984 Aug;55(1):91–8

A life table analysis of the labor force participation of U.S. nurses, 1949 to 1980. Schoen DC, et al. **Res Nurs Health** 1985 Jun;8(2):105–16

Geographical and socioeconomic distribution of physical activity at work and leisure time and its relation to morbidity in a Swedish rural county. Haglund BJ. **Scand J Soc Med** 1984;12(4):155–64

Effects of job change on job satisfaction and mental strain. Kirjonen J, et al. **Scand J Work Environ Health** 1984 Dec;10(6 Spec No):517–9

Women and work: an investigation of the association between health and employment status in middle–aged women. Jennings S, et al. **Soc Sci Med** 1984;19(4):423–31

The psycho–social consequences of intermittent husband absence: an epidemiological study. Taylor R, et al. **Soc Sci Med** 1985;20(9):877–85

Characteristics of the longest job for new retired workers: findings from the New Beneficiary Survey. Iams HM. **Soc Secur Bull** 1985 Mar;48(3):5–21

Reported reasons retired workers left their last job: findings from the New Beneficiary Survey. Sherman SR. **Soc Secur Bull** 1985 Mar;48(3):22–30

1983 graduates: employment survey. **Vet Rec** 1984 Sep 1;115(9):197–200

Employment status, employment characteristics, and women's health. Hibbard JH, et al. **Women Health** 1985 Spring;10(1):59–77

Women with disabling health conditions: the significance of employment. Kutner NG. **Women Health** 1984 Winter;9(4):21–31

The employment of adults with spina bifida. Lonton AP, et al. **Z Kinderchir** 1984 Dec;39 Suppl 2:132–4

[Work capacity after cardiac surgery] Ježková L, et al. **Cas Lek Cesk** 1985 Mar 29;124(13):402–6 (Eng. Abstr.) (Cze)

[Work activity of women treated for malignant neoplasms of the reproductive organs] Bouda J, et al. **Cesk Gynekol** 1985 May;50(4):262–8 (Eng. Abstr.) (Cze)

[Problems of work activity, social contact and outside interests of persons 60–years–old and older with emphasis on single persons] Vožehová S. **Cesk Zdrav** 1984 Jul;32(6–7):294–300 (Eng. Abstr.) (Cze)

[Medical and social problems in the care of diabetics—results of a study of 269 patients] Páv J, et al. **Vnitr Lek** 1985 Jun;31(6):585–91 (Eng. Abstr.) (Cze)

[Rehabilitation after aorto–coronary bypass and return to work] Robitaille NM, et al. **Can J Surg** 1985 Jul;28(4):338–40 (Eng. Abstr.) (Fre)

[Driving fitness and administrative fitness in diabetes mellitus] Kühnau J. **Off Gesundheitswes** 1984 Sep;46(9):470–2 (Ger)

[The aged in our society. Health services. Possible return to work] Cosentino F. **Nuovi Ann Ig Microbiol** 1983 Mar–Apr;34(2):129–46 (Eng. Abstr.) (Ita)

[Variants of personal reactions to disease and features of the social–occupational adaptation of patients with neurosis–like forms of organic brain disease (from the findings of a multi–year follow–up study)] Koniukhova EN. **Zh Nevropatol Psikhiatr** 1985;85(1):111–6 (Eng. Abstr.) (Rus)

[Social–vocational adaptation of patients with neurosis–like forms of organic brain disease] Koniukhova EN. **Zh Nevropatol Psikhiatr** 1985;85(4):584–8 (Eng. Abstr.) (Rus)

STANDARDS

Racial inequality and the probability of occupation–related injury or illness. Robinson JC. **Milbank Mem Fund Q** 1984 Fall;62(4):567–90

TRENDS

MHAs and the new hospital job market. Plant J. **Hospitals** 1985 Mar 1;59(5):80, 82, 84 passim

Utilization drop prompts layoffs; labor balks at bearing the brunt. Riffer J. **Hospitals** 1984 Dec 16;58(24):58, 61–2

Birth intervals and women's economic activity. Ni Bhrolcháin M. **J Biosoc Sci** 1985 Jan;17(1):31–46

Employment trends of school personnel and staff 1980–1990. Frels L. **J Sch Health** 1985 Apr;55(4):142–4

EMPLOYMENT TERMINATION see **EMPLOYMENT**

EMPTY SELLA SYNDROME

BLOOD

Twenty–four–hour prolactin secretory patterns in women with galactorrhea, normal menses, normal random prolacting levels and abnormal sellar tomograms. Kapcala

LP, et al. **J Endocrinol Invest** 1984 Oct;7(5):455-60

COMPLICATIONS

Isolated adrenocorticotrophin deficiency and empty sella associated with hypothyroidism. Stephens WP, et al. **Clin Endocrinol (Oxf)** 1985 Jun;22(6):771-6

[Cushing's disease caused by probable pituitary microadenoma associated with an intrasellar arachnoidal diverticulum (letter)] Lorcy Y, et al. **Presse Med** 1985 Feb 9;14(5):284 **(Fre)**

[Endocrine disorders in 'empty' sella turcica] Mizetskaia EA, et al. **Zh Vopr Neirokhir** 1984 Nov-Dec;(6):12-7 (Eng. Abstr.) **(Rus)**

[Empty sella turcica associated with Addison's disease and early menopause] Ortega Lacuesta V, et al. **Med Clin (Barc)** 1984 Oct 27;83(13):547-9 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

[Primary empty sella turcica. Analysis of 14 cases and review of the literature] Arlot S, et al. **Ann Endocrinol (Paris)** 1985; 46(2):99-105 (Eng. Abstr.) **(Fre)**

[Papilledema in the primary empty sella syndrome] Santori M, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:499-503 **(Fre)**

[The empty sella in children. Clinical, diagnostic and therapeutic aspects] Di Rocco C, et al. **Minerva Pediatr** 1984 Aug 31;36(15-16):745-53 (Eng. Abstr.) **(Ita)**

[Empty sella syndrome--an important differential diagnosis to hypophyseal tumor] Brismar K. **Lakartidningen** 1985 May 1;82(18):1681-3 **(Swe)**

ETIOLOGY

Adult hydrocephalus and the empty sella. Bjerre P, et al. **Acta Neurol Scand** 1984 Sep;70(3):201-3

Pituitary infarction and development of the empty sella syndrome after gastrointestinal haemorrhage. Jones NS, et al. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):661-2

Abnormal TSH regulation, pseudotumor cerebri, and empty sella after replacement therapy in juvenile hypothyroidism. McVie R. **J Pediatr** 1984 Nov;105(5):768-70

[Acromegaly and empty sella turcica] Aguilar M, et al. **Med Clin (Barc)** 1985 May 11;84(18):743-5 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Familial pseudotumor cerebri and the empty sella syndrome. Shapiro I, et al. Ann **Ophthalmol** 1980 Sep;12(9):1045-8

PHYSIOPATHOLOGY

Dissociation of serum prolactin response to sequential thyrotropin-releasing hormone and chlorpromazine stimulation in patients with primary empty sella syndrome. Futterweit W, et al. **Fertil Steril** 1984 Oct;42(4):573-8

RADIOGRAPHY

Asymptomatic primary empty sella in a 14-year-old girl: comparison of computer tomography and nuclear magnetic resonance imaging. von Petrykowski W, et al. **Horm Res** 1985;22(1-2):58-62

The empty sella: air-enhanced CT. Al-Mefty O, et al. **Radiology** 1985 Apr;155(1):253

Computed tomographic cisternography with iopamidol in the diagnosis of primary empty sella. Pompili A, et al. **Surg Neurol** 1985 Jul;24(1):16-22

[The diagnosis and clinical significance of the empty sella syndrome] Bauer J, et al. **Cas Lek Cesk** 1985 Sep 6; 124(36):1128-30 (Eng. Abstr.) **(Cze)**

[The sella turcica with a large dorsum] Bregeat P, et al. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1115-7 **(Fre)**

[Primary empty sella. Clinico-radiologic considerations in 18 cases] Pompili A, et al. **Minerva Med** 1985 Jan 28; 76(3-4):91-8 (Eng. Abstr.) **(Ita)**

SURGERY

Surgically treatable growth retardation due to non-neoplastic pituitary-hypothalamic dysfunction. DiRocco C, et al. **Childs Brain** 1984;11(6):353-68

EMPYEMA

Empyema thoracis in children. Khanna SK. **Indian J Pediatr** 1984 Sep-Oct;51(412):593-601

Parapneumonic effusions and empyema in hospitalized children: a retrospective review of 227 cases. Freij BJ, et al. **Pediatr Infect Dis** 1984 Nov-Dec;3(6):578-91

[Gastric hemorrhage and pleural empyema following pneumonectomy] Adamian AA, et al. **Klin Med (Mosk)** 1984 Dec;62(12):98-9 **(Rus)**

COMPLICATIONS

Pleuroesophageal fistula as a complication of empyema thoracis. Raj B, et al. **Indian J Chest Dis Allied Sci** 1983 Oct-Dec;25(4):294-6

Peptostreptococcal empyema in akinetic mutism. Nakamura T, et al. **Jpn J Med** 1984 Aug;23(3):261-3

[Malignant immunoblastic lymphoma under a pneumolytic scar in pleural empyema] Luther R, et al. **Z Gesamte Inn Med** 1984 Aug 15;39(16):399-402 (Eng. Abstr.) **(Ger)**

[A case of thoracic empyema with broncho-pleural fistula existing for 57 years. Histological findings of squamous cell carcinoma in the resected lung] Tsuji Y, et al. **Kyobu Geka** 1984 Sep;37(10):768-72 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

Actinomycosis of the chest wall. Ultrasound findings in empyema necessitans. Dershaw DD. **Chest** 1984 Nov; 86(5):779-80

A 'wasting' man with pleuritic pain. Latham R. **Hosp Pract [Off]** 1984 Oct;19(10):106LL

Empyema. Nanavati NJ, et al. **J Assoc Physicians India** 1984 Jul;32(7):597-600

[Thoracic empyema] Hájek M. **Rozhl Chir** 1985 Jun; 64(6):403-5 **(Cze)**

[Ultrasonic diagnosis of suppurative lesions] Elwertowski M, et al. **Pol Przegl Radiol (Warszawa)** 1984 Mar-Apr; 48(2):99-104 (Eng. Abstr.) **(Pol)**

[Use of liquid-gas chromatography in the diagnosis of anaerobic infections in patients with acute suppuration of the lungs and pleura] Levashov IuN, et al. **Grudn Khir** 1984 Nov-Dec;(6):55-9 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Toxicity of chlorhexidine irrigation in chronic postpneumonectomy empyema. Friis-Møller A, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):243-4

[Clinical studies of cefoxitin with special reference to pulmonary suppuration and pyothorax with respiratory tract infection] Ito T. **Jpn J Antibiot** 1984 Sep; 37(9):1679-84 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

Entriflex feeding tube: need for care in using it. Kiwak MG, et al. **AJR** 1984 Dec;143(6):1341-2

Empyema following blunt chest trauma [letter] Lowman GF, et al. **Ann Emerg Med** 1985 Mar;14(3):281-3

Empyema due to beta-lactamase-producing H. influenzae type B complicating severe laryngo-pharyngitis and cervical cellulitis [letter] Van Asperen PP, et al. **Aust NZ J Med** 1984 Jun;14(3):280

Empyema following intra-abdominal sepsis. Ballantyne KC, et al. **Br J Surg** 1984 Sep;71(9):723-5

Charcoal-containing empyema complicating treatment for overdose. Justiniani FR, et al. **Chest** 1985 Mar;87(3):404-5

Parapneumonic effusions and empyema. Light RW. **Clin Chest Med** 1985 Mar;6(1):55-62

Empyema and splenic abscess in infective endocarditis. Tornos MP, et al. **Int J Cardiol** 1984 Dec;6(6):746-8

Empyema occurring in the multiply traumatized patient. Caplan ES, et al. **J Trauma** 1984 Sep;24(9):785-9

Thoracic empyema due to Streptococcus milleri: four cases. Frankish PD, et al. **NZ Med J** 1984 Dec 12;97(769):849-51

Pleural empyema. Nelson JD. **Pediatr Infect Dis** 1985 May-Jun;4(3 Suppl):S31-3

Spontaneous clostridial empyema and pyopneumothorax. Raff MJ, et al. **Rev Infect Dis** 1984 Sep-Oct;6(5):715-9

Streptococcus milleri as a cause of pleural empyema. Hocken DB, et al. **Thorax** 1985 Aug;40(8):626-8

Mixed pleural space infection due to Pasteurella pneumotropica and Peptococcus magnus. Chokkavelu V. **W Va Med J** 1984 Oct;80(10):217-8

[Salmonella empyema] Peters SH, et al. **Ned Tijdschr Geneeskd** 1984 Aug 11;128(32):1516-8 (Eng. Abstr.) **(Dut)**

[Unusual complication of costal fracture. Stercoraceous pyopneumothorax (letter)] Gaucher L, et al. **Presse Med** 1985 May 18;14(20):1154 **(Fre)**

[Pyopneumothorax as a complication of fibrinous suppurative pleuropneumonia] Barousch G, et al. **Prax Klin Pneumol** 1984 Jul;38(7):307-10 (Eng. Abstr.) **(Ger)**

[A case of non-Hodgkin's lymphoma with pyothorax] Iuchi K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1165-9 (Eng. Abstr.) **(Jpn)**

[Localized bilateral empyema caused by spontaneous esophageal rupture] Oba S, et al. **Rinsho Hoshasen** 1985 Mar;30(3):395-6 **(Jpn)**

[Empyema after surgical treatment of bronchopulmonary cancer] Biriukov IuV, et al. **Grudn Khir** 1985 Jan-Feb; (1):54-7 (Eng. Abstr.) **(Rus)**

[Lung abscess and empyema as clinical manifestations of Salmonella infection (letter)] Morano Amado L, et al. **Med Clin (Barc)** 1985 Feb 23;84(7):294-5 **(Spa)**

MICROBIOLOGY

Post-pneumonectomy empyema caused by non-typable Haemophilus influenzae biotype III [letter] Martinez-Luengas F, et al. **Eur J Clin Microbiol** 1984 Dec; 3(6):563-4

Analysis of thirty-seven cases of pleural empyema. Meyerovitch J, et al. **Eur J Clin Microbiol** 1985 Jun; 4(3):337-9

Staphylococcus epidermidis causing empyema in an elderly man. Gupta S, et al. **J Assoc Physicians India** 1984 Nov; 32(11):995-6

The microflora of chronic pleural empyema. An analysis of 89 patients. Abramor EJ, et al. **S Afr Med J** 1985 Jul 20; 68(2):80-2

[Hemolytic group A streptococcus as the cause of pneumonia with empyema] Kirkegaard E, et al. **Ugeskr Laeger** 1984 Oct 15;146(42):3203-4 (Eng. Abstr.) **(Dan)**

[An autopsied case of Pasteurella multocida empyema with review of the literature] Unoki T, et al. **Kansenshogaku Zasshi** 1984 Jul;58(7):703-8 (Eng. Abstr.) **(Jpn)**

[Role of non-sporulating anaerobic bacteria in infections of the pleural cavity] Jassem E, et al. **Pneumonol Pol** 1984 Nov-Dec;52(11-12):531-4 (Eng. Abstr.) **(Pol)**

MORTALITY

Empyema: analysis of treatment techniques. Grant DR, et al. **Can J Surg** 1985 Sep;28(5):449-51

PHYSIOPATHOLOGY

Effect of hemothorax on experimental empyema thoracis in the guinea pig. Mavroudis C, et al. **J Thorac Cardiovasc Surg** 1985 Jan;89(1):42-9

RADIOGRAPHY

CT evaluation of empyema in the postpneumonectomy space. Heater K, et al. **AJR** 1985 Jul;145(1):39-40

Pleural sinography in the management of thoracic empyema. A study of 52 cases. Antoni LA, et al. **S Afr Med J** 1985 Feb 9;67(6):216-8

[X-ray picture of anaerobic lesions of the lungs and pleura] Ishchenko BI, et al. **Vestn Rentgenol Radiol** 1984 Jul-Aug; (4):39-43 (Eng. Abstr.) **(Rus)**

SURGERY

Percutaneous catheter drainage of pleural effusion and empyema. Westcott JL. **AJR** 1985 Jun;144(6):1189-93

Early thoracotomy and decortication for nontuberculous empyema in adults with and without underlying disease. A twenty-five year review. Mayo P. **Am Surg** 1985 Apr; 51(4):230-6

Closure of postpneumonectomy empyema space [letter] Bush RG. **Ann Thorac Surg** 1985 Jul;40(1):97-8

Slow suction by drip method in empyema thoracis: a simple, effective, and no cost device. Jain SK, et al. **J Assoc Physicians India** 1984 Jun;32(6):498-9

Surgical treatment of chronic empyema. A new one-stage operation. Iioka S, et al. **J Thorac Cardiovasc Surg** 1985 Aug;90(2):179-85

Early surgical intervention in non-specific pleural empyema. Frimodt-Møller PC, et al. **Thorac Cardiovasc Surg** 1985 Feb;33(1):41-3

[Personal therapeutic attitude in pleural empyema] Lindner H, et al. **Kinderarztl Prax** 1984 Dec;52(12):564-5 (Eng. Abstr.) **(Ger)**

[Determination of the time for active surgical procedures in juvenile pyopneumothorax] Schubert W, et al. **Kinderarztl Prax** 1985 Jan;53(1):39-42 (Eng. Abstr.) **(Ger)**

[Functional knee empyema treatment] Zifko B. **Unfallheilkunde** 1984 Nov;87(11):479-87 (Eng. Abstr.) **(Ger)**

[Proposal of a flow chart for selection of the surgical methods in chronic thoracic empyema] Nakamura K, et al. **Kekkaku** 1984 Aug;59(8):461-5 **(Jpn)**

[Pleuropneumonectomy for the treatment of chronic thoracic empyema] Wada H, et al. **Kekkaku** 1984 Dec;59(12):615-9 (Eng. Abstr.) **(Jpn)**

[Air-plombage after open window thoracostomy for chronic empyema. Thoracostomy window pedicle muscle prosthesis by the anterior serratus muscle] Imura Y, et al. **Kyobu Geka** 1984 Jul;37(7):527-9 (Eng. Abstr.) **(Jpn)**

[Intrathoracic balloon for the postoperative hemorrhage in pyothorax] Kobayashi E, et al. **Kyobu Geka** 1985 Feb; 38(2):122-3 **(Jpn)**

[A case of one-stage operation of postpneumonectomy empyema] Ree YE, et al. **Kyobu Geka** 1984 Dec; 37(13):1037-41 (Eng. Abstr.) **(Jpn)**

[Surgical treatment of chronic empyema--indication of our own method] Iioka S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Nov; 32(11):1936-42 (Eng. Abstr.) **(Jpn)**

[Use of low-frequency ultrasonics in surgery of the lungs and pleura in children] Sergeev VM, et al. **Grudn Khir** 1984 Nov-Dec;(6):32-6 (Eng. Abstr.) **(Rus)**

[Immobilized enzymes in surgical practice] Chepcheruk GS, et al. **Vestn Khir** 1985 Mar;134(3):126-30 **(Rus)**

THERAPY

The management of empyema thoracis by thoracoscopy and irrigation. Hutter JA, et al. **Ann Thorac Surg** 1985 Jun; 39(6):517-20

[Empyema of the chest in a patient receiving regular hemodialysis treatment] Bártová V. **Vnitr Lek** 1984 Sep; 30(9):893-6 (Eng. Abstr.) **(Cze)**

[Thoracic empyema. Focus on bacteriology and therapy] Van de Stadt J, et al. **Acta Chir Belg** 1985 Mar-Apr;85(2):79-88 (Eng. Abstr.) **(Fre)**

[Critical considerations on the treatment of chronic pleuropulmonary staphylococcal infections in childhood] Mantovani A, et al. **Minerva Chir** 1984 Sep 30; 39(18):1249-56 (Eng. Abstr.) **(Ita)**

[Pleural empyema in children--clinical analysis] Czernik J, et al. **Pediatr Pol** 1984 May;59(5):403-7 (Eng. Abstr.) **(Pol)**

[Treatment of septic pleural empyema following lung resection and pneumonectomy] Pristalko IaI, et al. **Grudn Khir** 1985 May-Jun;(3):58-61 (Eng. Abstr.) **(Rus)**

[Special instrumental methods of conservative treatment of pleural empyema] Sitko LA. **Grudn Khir** 1984 Sep-Oct;(5):57-61 (Eng. Abstr.) **(Rus)**

[Results of treatment of pleural empyema complicated by infection] Pristalko IaI. **Khirurgiia (Mosk)** 1985 May;(5):21-3 **(Rus)**

[Pleural empyema and its treatment in acute purulent disease of the lung] Ostrovskiĭ VK. **Klin Khir** 1984 Oct;(10):41-4 (Eng. Abstr.) **(Rus)**

[Dispensary observation of children with a history of the pleural form of acute destructive pneumonia] Volokh IuA, et al. **Pediatriia** 1984 Aug;(8):50-1 **(Rus)**

VETERINARY

What is your diagnosis. Pyothorax. Henderson RA, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):1015-6

EMPYEMA, GALLBLADDER see **CHOLECYSTITIS**

EMPYEMA, PLEURAL see **EMPYEMA**

EMPYEMA, SUBDURAL see **SUBDURAL EMPYEMA**

EMPYEMA, TUBERCULOUS see under **TUBERCULOSIS, PLEURAL**

EMULSIFYING AGENTS see **EXCIPIENTS**

EMULSIONS

Foams in pharmacy. Pilpel N. **Endeavour** 1985;9(2):87-91

Use of microemulsions as liquid membranes. Improved kinetics of solute transfer at interfaces. Tondre C, et al. **Faraday Discuss Chem Soc** 1984;(77):115-26

Simple, rapid method for comparing the self-emulsifiability of hydrocarbon oils. Iranloye TA, et al. **J Pharm Sci** 1984 Sep;73(9):1267-70

[Internal structure of oil-in-water emulsions stabilized with a cetostearyl alcohol] Fukushima S, et al. **Yakugaku Zasshi** 1984 Sep;104(9):986-9 (Eng. Abstr.) **(Jpn)**

[Stabilization of emulsions and coalescence of multilayer droplets] Nakamura M. **Yakugaku Zasshi** 1984 May;104(5):490-5 (Eng. Abstr.) **(Jpn)**

[A new mathematical model for the in vitro release of drugs from o/w emulsion ointments. II. Experimental part] Bialik W. **Acta Pol Pharm** 1985;42(1):74-8 (Eng. Abstr.) **(Pol)**

ADMINISTRATION & DOSAGE

Histological assessment of skin damage by irritants: its possible use in the evaluation of a 'barrier cream'. Mahmoud G, et al. **Contact Dermatitis** 1984 Sep;11(3):179-85

ANALYSIS

Vibrational test for evaluation of creams. I. The effect of vertical vibration imposed on O/W creams. Kuroda M. **Chem Pharm Bull (Tokyo)** 1984 Jul;32(7):2773-80

Effect of the nature of the oil and electrolyte concentration on the type and stability of emulsions. Uzuner YY, et al. **Pharm Acta Helv** 1985;60(7):199-202

ENALLYNYMALUM see **METHOHEXITAL**

ENAMEL see **DENTAL ENAMEL**

ENAMEL CUTICLE

ULTRASTRUCTURE

[Structures of the dental cuticle] Yamashita Y, et al. **Kokubyo Gakkai Zasshi** 1984 Sep;51(3):588-603 **(Jpn)**

ENAMEL ORGAN see under **TOOTH GERM**

ENBUCRYLATE

Enbucrilate as cartilage adhesive in augmentation rhinoplasty. Sachs ME. **Arch Otolaryngol** 1985 Jun;111(6):389-93

ANALOGS & DERIVATIVES

[Animal experiments of neuroma treatment with histoacryl] Martini AK. **Handchir Mikrochir Plast Chir** 1985 Mar;17(2):78-80 (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Use of butyl-2-cyanoacrylate in rabbit auricular cartilage. Fung RQ, et al. **Arch Otolaryngol** 1985 Jul;111(7):459-64

Isobutyl cyanoacrylate: a clinical and histologic comparison with sutures in closing mucosal incisions in monkeys. Javelet J, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):91-4

[Peroperative embolization of cerebral arteriovenous malformations with butylcyanoacrylate (18 cases)] Deruty R, et al. **Neurochirurgie** 1985;31(1):21-9 (Eng. Abstr.) **(Fre)**

[Endoscopic gluing of postoperative bronchial fistulas] Moritz E, et al. **Chirurg** 1985 Feb;56(2):125-7 **(Ger)**

[Surgical glue—kanakonlit B—in surgery] Smolarek F, et al. **Wiad Lek** 1984 Oct 15;37(20):1586-92 (Eng. Abstr.) **(Pol)**

ENCEPHALITIS

Herpes simplex encephalitis [clinical conference] Scheibel W, et al. **J Fam Pract** 1985 Jan;20(1):23-32

[A case of brainstem encephalitis due to herpes simplex virus] Maruo Y, et al. **Rinsho Shinkeigaku** 1984 Nov;24(11):1168-72 (Eng. Abstr.) **(Jpn)**

CEREBROSPINAL FLUID

CSF and PB lymphocyte subpopulations in sporadic encephalitis. Zhou SR, et al. **Chin Med J [Engl]** 1985 Apr;98(4):276-80

Monitoring and tentative diagnosis of herpetic encephalitis by protein analysis of cerebrospinal fluid. Particular relevance of the assays of ferritin and S-100. Sindic CJ, et al. **J Neurol Sci** 1985 Mar;67(3):359-69

Elevated mumps antibody titers in the cerebrospinal fluid suggesting chronic mumps virus infection in the central nervous system. Julkunen I, et al. **Pediatr Infect Dis** 1985 Jan-Feb;4(1):99

Cerebrospinal fluid alterations in herpes simplex virus encephalitis. Koskiniemi M, et al. **Rev Infect Dis** 1984 Sep-Oct;6(5):608-18 (134 ref.)

[Neuron-specific enolase and S-100 protein levels in the cerebrospinal fluid of patients with encephalitis and meningitis] Mokuno K, et al. **Rinsho Shinkeigaku** 1984 Nov;24(11):1143-8 (Eng. Abstr.) **(Jpn)**

[Diagnostic significance of immunologic study of cerebrospinal fluid in neuroinfections] Dekonenko EP, et al. **Zh Nevropatol Psikhiatr** 1985;85(7):1032-8 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

Gold encephalopathy [letter] Gulliford MC, et al. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1744

Glycolytic concomitant of brain inflammation produced by goldthioglucose. Dirocco RJ, et al. **Brain Res** 1985 Jun 17;336(2):313-7

[Caustic diaper dermatitis and encephalitis secondary to the application of talcum contaminated with hexachlorophene] Larrègue M, et al. **Ann Dermatol Venereol** 1984;111(9):789-97 (Eng. Abstr.) **(Fre)**

COMPLICATIONS

Adenovirus type 2 encephalitis and concurrent Epstein-Barr virus infection in an adult man. West TE, et al. **Arch Neurol** 1985 Aug;42(8):815-7

Incomplete Kluver-Bucy syndrome and fluent aphasia. Arlazoroff A, et al. **Brain Lang** 1984 Nov;23(2):300-6

Intravenous gammaglobulin for post-encephalitic epilepsy [letter] Sandstedt P, et al. **Lancet** 1984 Nov 17;2(8412):1154-5

Concurrent herpes simplex and cytomegalovirus retinitis and encephalitis in the acquired immune deficiency syndrome (AIDS). Pepose JS, et al. **Ophthalmology** 1984 Dec;91(12):1669-77

A case of herpes zoster associated encephalitis with rapid response to acyclovir. Cheesbrough JS, et al. **Postgrad Med J** 1985 Feb;61(712):145-6

[Oat cell lung cancer and limbic encephalitis] Sørensen K. **Ugeskr Laeger** 1984 May 21;146(21):1572 (Eng. Abstr.) **(Dan)**

[Toxoplasmosis encephalitis in patients with AIDS] Enzensberger W, et al. **Dtsch Med Wochenschr** 1985 Jan 18;110(3):83-7 (Eng. Abstr.) **(Ger)**

[Cushing's ulcer in childhood. Description of a case] Patanè R, et al. **Pediatr Med Chir** 1984 Sep-Oct;6(5):719-23 (Eng. Abstr.) **(Ita)**

[A case of encephalitis probably due to herpes simplex virus, presenting psychiatric symptom (delirium) and catatonic stupor-like state] Kohsaka S, et al. **No To Hattatsu** 1984 Jul;16(4):309-16 (Eng. Abstr.) **(Jpn)**

[Multicystic encephalomalacia complicating neonatal herpes simplex encephalitis: clinical findings and neonatal ultrasound appearance] Tatsuno M, et al. **No To Hattatsu** 1984 Jul;16(4):322-7 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

Herpes simplex virus type 2 encephalitis in two homosexual men with persistent lymphadenopathy. Dix RD, et al. **Ann Neurol** 1985 Feb;17(2):203-6

How specific are periodic complexes in the diagnosis of herpes simplex encephalitis? Roches JC, et al. **Eur Neurol** 1984;23(6):466-71

Mild forms of herpes encephalitis. Klapper PE, et al. **J Neurol Neurosurg Psychiatry** 1984 Nov;47(11):1247-50

Design of therapeutic studies in herpes simplex encephalitis [letter] Whitley RJ, et al. **Lancet** 1985 Feb 2;1(8423):284-5

The human spongiform encephalopathies. Bendheim PE. **Neurol Clin** 1984 May;2(2):281-98

Arthropod-borne virus infections of the central nervous system. Rennels MB. **Neurol Clin** 1984 May;2(2):241-54

Herpes simplex and herpes zoster. Nervous system involvement. Tenser RB. **Neurol Clin** 1984 May;2(2):215-40

Rubella virus and its effects on the central nervous system. Waxham MN, et al. **Neurol Clin** 1984 May;2(2):367-85

Atypical brainstem encephalitis: magnetic resonance imaging and oculographic features. Furman JM, et al. **Neurology** 1985 Mar;35(3):438-40

Tumor, abscess or encephalitis? Reznik M, et al. **Pathol Res Pract** 1985 Jul;180(1):93-8

Early detection in suspected herpes simplex encephalitis. DiSclafani A, et al. **South Med J** 1984 Nov;77(11):1371-5

[53 cases of brain stem encephalitis] Fang SY. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Apr;18(2):105-7 (Eng. Abstr.) **(Chi)**

[Confusional form of Chlamydia psittaci encephalitis. Diagnostic value of microimmunofluorescence. A case] Reis J, et al. **Presse Med** 1985 Jan 19;14(2):87-9 (Eng. Abstr.) **(Fre)**

[Listeriosis: neurologic presentations in the framework of the Neuchatel mini epidemic 1983-1984] Delabays A, et al. **Rev Med Suisse Romande** 1985 Mar;105(3):261-6 **(Fre)**

[Herpes simplex encephalitis (letter)] Wirth K. **Dtsch Med Wochenschr** 1984 Oct 19;109(42):1623 **(Ger)**

[Inflammatory brain diseases in clinical practice] Lungwitz J, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Jun;36(6):321-30 (Eng. Abstr.) **(Ger)**

[Pituitary apoplexy presenting as meningo-encephalitis] Huberman M, et al. **Harefuah** 1984 Nov 1;107(9):228-9 (Eng. Abstr.) **(Heb)**

[Herpetic brainstem encephalitis—a case report] Kitaguchi T, et al. **Rinsho Shinkeigaku** 1985 Feb;25(2):196-201 (Eng. Abstr.) **(Jpn)**

[A case of Toxoplasma encephalitis] Krupka-Matuszczyk I. **Wiad Lek** 1984 Nov 1;37(21):1726-8 (Eng. Abstr.) **(Pol)**

[Acute necrotic encephalitis in children (clinico-electroencephalographic study)] Dement'eva RK, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1487-93 (Eng. Abstr.) **(Rus)**

[Clinical picture and pathogenesis of measles encephalitis and meningoencephalitis] Gavura VV. **Zh Nevropatol Psikhiatr** 1985;85(2):177-80 (Eng. Abstr.) **(Rus)**

[Clinical and computer tomographic diagnosis of necrotic encephalitis] Umanskiĭ KG, et al. **Zh Nevropatol Psikhiatr** 1985;85(2):161-7 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Acyclovir and disseminated varicella zoster and encephalitis [letter] Ehrensaft DV, et al. **Ann Intern Med** 1985 Mar;102(3):421

Treatment of central nervous system fungal infection with ketoconazole. Goodpasture HC, et al. **Arch Intern Med** 1985 May;145(5):879-80

Herpes simplex virus (type 1) encephalitis: report of a case treated with acyclovir. Oommen KJ, et al. **Ariz Med** 1985 May;42(5):313-7

A case of herpes zoster associated encephalitis treated with acyclovir. Bowman RV, et al. **Aust NZ J Med** 1985 Feb;15(1):43-4

Management of acute viral encephalitis. Swash M. **Br J Hosp Med** 1984 Nov;32(5):250-2, 255

Treatment of human herpesvirus infections with special reference to encephalitis. Whitley RJ. **J Antimicrob Chemother** 1984 Aug;14 Suppl A:57-74 (48 ref.)

Effectiveness of adenine arabinoside therapy for herpes simplex infection. Kohl S. **J Infect Dis** 1984 Nov;150(5):777-8

Antiviral therapy. Herpes simplex encephalitis, neonatal herpes infections, chronic hepatitis B. Nicholson KG. **Lancet** 1984 Sep 29;2(8405):736-9

Acyclovir versus vidarabine in herpes simplex encephalitis. Randomised multicentre study in consecutive Swedish patients. Sköldenberg B, et al. **Lancet** 1984 Sep 29;2(8405):707-11

Possible interferon response in a child with measles encephalitis during immunosuppression. Simpson R, et al. **Scand J Infect Dis** 1984;16(3):315-9

[5 cases of sporadic encephalitis treated with Nantong snake-root tablets] Chen ZA. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):492-3 (Eng. Abstr.) **(Chi)**

[Treatment of disseminated encephalitis by combined traditional Chinese and western medicine] Zhang JW. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):347-8 (Eng. Abstr.) **(Chi)**

[111 cases of sporadic encephalitis treated with combined traditional Chinese and western medicine] Zong WJ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):467-8 (Eng. Abstr.) **(Chi)**

[Aciclovir against Herpes simplex encephalitis] Christe W, et al. **Dtsch Med Wochenschr** 1985 May 31;110(22):870-3 (Eng. Abstr.) **(Ger)**

[Synthesis and study of 5-(trialkylsilyl)pyrimidine nucleosides. A new alpha-2'-deoxynucleoside with antiherpes activity] Mel'nik SIa, et al. **Bioorg Khim** 1984 Dec;10(12):1645-54 (Eng. Abstr.) **(Rus)**

[Long-term remission of leukoencephalitis during treatment with imuran] Osetrov BA, et al. **Klin Med (Mosk)** 1984 Jul;62(7):133-6 **(Rus)**

[Efficacy of piracetam treatment of acute viral neuroinfections] Niss AI, et al. **Zh Nevropatol Psikhiatr** 1985;85(2):189-95 (Eng. Abstr.) **(Rus)**

[Ceftriaxone by systemic route combined with amikacin by intraventricular route in the treatment of ventriculitis in children with hydrocephalus] Prado V, et al. **Bol Med Hosp Infant Mex** 1984 Sep;41(9):476-80 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Creatine kinase in the serum of patients with acute infections of the central nervous system. Petersiund NA, et al. **J Infect** 1985 Mar;10(2):115-20

ETIOLOGY

Early diagnosis of herpes simplex virus encephalitis in childhood by the enzyme-linked immunosorbent assay. Sugimoto T, et al. **Acta Neurol Scand** 1985 May;71(5):359-63

African trypanosomiasis: treatment-induced invasion of brain and encephalitis. Schmidt H, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):64-8

Encephalitis associated with Rocky Mountain spotted fever. Katz DA, et al. **Arch Pathol Lab Med** 1985 Aug;109(8):771-3

Isolation of West Nile virus from the brains of children who had died of encephalitis. George S, et al. **Bull WHO** 1984;62(6):879-82

Neurological complications of Mycoplasma pneumoniae infection. Hely MA, et al. **Clin Exp Neurol** 1984;20:153-60

Encephalitis in infectious mononucleosis. Todman DH. **Clin Exp Neurol** 1983;19:81-6

Bickerstaff's encephlitis following acute haemorrhagic conjunctivitis. Dhir SP, et al. **Indian J Ophthalmol** 1984 Jan-Feb;32(1):45-7

Early diagnosis and treatment of herpes simplex encephalitis [letter] Felgenhauer K, et al. **J Neurol** 1985;232(2):123-4

Long-term persistence of intrathecal virus-specific antibody responses after herpes simplex virus encephalitis. Vandvik B, et al. **J Neurol** 1985;231(6):307-12

Overheating and the haemorrhagic shock and encephalopathy syndrome [letter] Bacon CJ. **J R Soc Med** 1985 Feb;78(2):175-6

Tuberculous brain abscess and Toxoplasma encephalitis in a patient with the acquired immunodeficiency syndrome. Fischl MA, et al. **JAMA** 1985 Jun 21;253(23):3428-30

Why was the 1918 influenza pandemic so lethal? The possible role of a neurovirulent neuraminidase. Maurizi CP. **Med Hypotheses** 1985 Jan;16(1):1-5

Chronic encephalitis possibly due to herpes simplex virus: two cases. Sage JI, et al. **Neurology** 1985 Oct;35(10):1470-2

Rapid tissue diagnosis of herpes simplex infections in the newborn. Kapur S, et al. **Pediatr Pathol** 1983 Jul-Sep;1(3):301-9

Lethal cardiac and cerebral toxoplasmosis in a patient with acute myeloid leukemia after successful allogeneic bone marrow transplantation. Jehn U, et al. **Transplantation** 1984 Oct;38(4):430-3

[Herpetic encephalitis] Taláb R, et al. **Cesk Neurol Neurochir** 1985 May;48(3):190-3 (Eng. Abstr.) **(Cze)**

[Acute leukoencephalitis of measles. Apropos of 10 cases] Oriot D, et al. **Pediatrie** 1985 Jan-Feb;40(1):41-7 (Eng. Abstr.) **(Fre)**

[Delayed encephalitic complication of measles with maculopathy in an adult (letter)] Delangre T, et al. **Presse Med** 1985 May 4;14(18):1038-9 **(Fre)**

[Rubella encephalitis with unusual course in an adult] Poburski R, et al. **Dtsch Med Wochenschr** 1984 Nov 23;109(47):1796-800 (Eng. Abstr.) **(Ger)**

[Herpes simplex encephalitis (letter)] Wirth K. **Dtsch Med Wochenschr** 1984 Oct 19;109(42):1623 **(Ger)**

[Brainstem encephalitis and vesicular exanthema caused by Mycoplasma pneumoniae] Gerber AC, et al. **Schweiz Med Wochenschr** 1984 Aug 7;114(31-32):1100-2 (Eng. Abstr.) **(Ger)**

[Motor function loss in zoster neuritis versus encephalitis--clinical case and review of literature] Kempkes K, et al. **Z Hautkr** 1984 Oct 1;59(19):1303-8, 1311 (Eng. Abstr.) **(Ger)**

[A case of Candida infection with severe cerebral, endocardial and renal involvement] Ceppa P, et al. **Pathologica** 1984 Jul-Aug;76(1044):487-92 (Eng. Abstr.) **(Ita)**

IMMUNOLOGY

Measles encephalitis. Johnson RT, et al. **Clin Exp Neurol** 1983;19:13-6

Protection against 17D yellow fever encephalitis in mice by passive transfer of monoclonal antibodies to the nonstructural glycoprotein gp48 and by active immunization with gp48. Schlesinger JJ, et al. **J Immunol** 1985 Oct;135(4):2805-9

Antineurofilament antibody: an increased incidence in murine chronic measles encephalitis and the use of rat sciatic nerve sections as substratum. Chan SP. **J Neuroimmunol** 1985 Aug;9(3-4):243-51

Chronic mumps virus encephalitis. Mumps antibody levels in cerebrospinal fluid. Julkunen I, et al. **J Neuroimmunol** 1985 May;8(2-3):167-75

Macrophage response to herpes simplex encephalitis in immune competent and T cell-deficient mice. Townsend JJ. **J Neuroimmunol** 1985 Jan;7(4):195-206

Diagnostic significance of IgG-synthesizing activated B cells in acute inflammatory diseases of the central nervous system. Schädlich HJ, et al. **Klin Wochenschr** 1985 Jun 3;63(11):505-10

Detection of antibodies of the IgG and IgM classes to herpes simplex virus type 1 in cerebrospinal fluid and serum from four patients with herpes encephalitis. Rapicetta M, et al. **Microbiologica** 1984 Jul;7(3):273-7

METABOLISM

Metabolic studies on vaccinia-virus-infected oligodendrocytes in brain cell cultures. Beranek CF, et al. **Med Microbiol Immunol (Berl)** 1984;173(2):95-103

[Pharmacokinetics of ceftriaxone in blood and ventricular cerebrospinal fluid in children with ventriculitis] Prado V, et al. **Bol Med Hosp Infant Mex** 1984 Jun;41(6):313-7 (Eng. Abstr.) **(Spa)**

MICROBIOLOGY

Infection of neuronal cell cultures with reovirus mimics in vitro patterns of neurotropism. Dichter MA, et al. **Ann Neurol** 1984 Nov;16(5):603-10

Herpes zoster encephalitis: isolation of virus from cerebrospinal fluid. Ophir O, et al. **Isr J Med Sci** 1984 Dec;20(12):1189-92

Induction of chronic measles encephalitis in C57BL/6 mice. Chan SP. **J Gen Virol** 1985 Sep;66 (Pt 9):2071-6

Restriction endonuclease digestion analysis of DNA from viruses isolated from different sites of two fatal cases of herpes simplex virus type-1 infection. McFarlane ES, et al. **J Med Microbiol** 1985 Aug;20(1):27-32

Hemagglutinin-neuraminidase glycoprotein as a determinant of pathogenicity in mumps virus hamster encephalitis: analysis of mutants selected with monoclonal antibodies. Löve A, et al. **J Virol** 1985 Jan;53(1):67-74

Infection of the basal ganglia by a murine coronavirus. Fishman PS, et al. **Science** 1985 Aug 30;229(4716):877-9

[Diagnostic antibody tests for the detection of central nervous system diseases caused by herpes simplex and varicella zoster viruses] Simon M, et al. **Orv Hetil** 1985 Jan 13;126(2):63-6 (Eng. Abstr.) **(Hun)**

MORTALITY

Encephalitis and aseptic meningitis, Olmsted County, Minnesota, 1950-1981: I. Epidemiology. Beghi E, et al. **Ann Neurol** 1984 Sep;16(3):283-94

OCCURRENCE

From the PHLS. Virus meningitis and encephalitis 1978-82. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):921-2

[Cerebrospinal meningitis and encephalitis 1982] Zabicka J. **Przegl Epidemiol** 1984;38(2):127-38 **(Pol)**

PATHOLOGY

Medical pathology conference. Headache, fever, abnormal behavior, and dysphasia in an elderly man. Garcia JH, et al. **Ala J Med Sci** 1984 Oct;21(4):399-406

Subacute encephalitis in acquired immune deficiency syndrome: a postmortem study. Nielsen SL, et al. **Am J Clin Pathol** 1984 Dec;82(6):678-82

Isolated cerebral phycomycosis presenting as focal encephalitis. Watson DF, et al. **Arch Neurol** 1985 Sep;42(9):922-3

Cytomegalovirus encephalitis in a patient with acquired immunodeficiency syndrome [letter] Vital C, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):105-6

A syndrome resembling limbic encephalitis, associated with bronchial carcinoma, but without neuropathological abnormality: a case report. Delsedime M, et al. **J Neurol** 1984;231(3):165-6

The limbic system and the localisation of herpes simplex encephalitis. Damasio AR, et al. **J Neurol Neurosurg Psychiatry** 1985 Apr;48(4):297-301

Herpes simplex virus encephalitis during childhood: importance of brain biopsy diagnosis. Kohl S, et al. **J Pediatr** 1985 Aug;107(2):212-5

Structures resembling scrapie-associated fibrils in AIDS encephalopathy [letter] Goldwater PN, et al. **Lancet** 1985 Aug 24;2(8452):447-8

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 30-1985. A 52-year-old woman with a progressive neurologic disorder and a pelvic mass. **N Engl J Med** 1985 Jul 25;313(4):249-57

Smoldering encephalitis in children. Gupta PC, et al. **Neuropediatrics** 1984 Oct;15(4):191-7

Brain biopsy in cases of neonatal herpes simplex encephalitis. Baumann RJ, et al. **Neurosurgery** 1985 May;16(5):619-24

Immunocytologic localization of herpes simplex type 1 viral antigens in herpetic retinitis and encephalitis in an adult. Pepose JS, et al. **Ophthalmology** 1985 Jan;92(1):160-6

Herpes simplex virus encephalitis: a case with Korsakoff's syndrome and an immunoperoxydase study 12 cases. Perentes E, et al. **Schweiz Arch Neurol Neurochir Psychiatr** 1984;135(2):229-41

Microtubuloreticular structures in the cerebral vasculature of a patient with herpes simplex encephalitis. McGinley DM, et al. **Ultrastruct Pathol** 1984;7(2-3):177-83

Biopsy histopathology in herpes simplex encephalitis and in encephalitis of undefined etiology. Booss J, et al. **Yale J Biol Med** 1984 Sep-Oct;57(5):751-5

[Human rabies. Neuropathological study of 30 cases] Assis RV, et al. **Rev Inst Med Trop Sao Paulo** 1984 Nov-Dec;26(6):346-52 (Eng. Abstr.) **(Por)**

PHYSIOPATHOLOGY

Coma and brain stem areflexia in brain stem encephalitis (Fisher's syndrome). Al-Din AS, et al. **Br Med J [Clin Res]** 1985 Aug 24;291(6494):535-6

Development of encephalopathic features similar to Reye syndrome in rabbits. Kang ES, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6169-73

[Encephalitis with opsoclonia and circumduction nystagmus. Apropos of a case] Poullot B, et al. **Rev Otoneuroophtalmol** 1984 Jul-Dec;56(4-5):335-46 (Eng. Abstr.) **(Fre)**

[Clinico-biochemical parallels in closed cranio-cerebral trauma and its sequelae in children] Aliev ZM. **Vestn Akad Med Nauk SSSR** 1985;(6):78-82 (Eng. Abstr.) **(Rus)**

PSYCHOLOGY

Category specific semantic impairments. Warrington EK, et al. **Brain** 1984 Sep;107 (Pt 3):829-54

RADIOGRAPHY

Herpes simplex encephalitis: CT findings in the neonate and young infant. Benator RM, et al. **AJNR** 1985 Jul-Aug;6(4):539-43

Acute toxic encephalopathy with symmetrical low density areas in the thalami and the cerebellum. Aoki N. **Childs Nerv Syst** 1985;1(1):62-5

Diagnosis of Toxoplasma encephalitis in absence of neurological signs by early computerised tomographic scanning in patients with AIDS [letter] Roué R, et al. **Lancet** 1984 Dec 22;2(8417-18):1472

Intracranial tuberculosis: manifestations on computerized tomography. Witrak BJ, et al. **South Med J** 1985 Apr;78(4):386-92

REHABILITATION

Behavior disturbances during recovery from herpes simplex encephalitis [letter] Eames P. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):1059-60

THERAPY

Successful reversal of echovirus encephalitis in X-linked hypogammaglobulinemia by intraventricular administration of immunoglobulin. Erlendsson K, et al. **N Engl J Med** 1985 Feb 7;312(6):35[illegible]

VETERINARY

Polioencephalomalacia in dogs with distemper encephalitis. Finnie JW, et al. **Aust Vet J** 1984 Dec;61(12):407-8

Sarcocystis encephalitis in a cockatiel. Jacobson ER, et al. **J Am Vet Med Assoc** 1984 Oct 15;185(8):904-6

Visna-like disease in a Minnesota sheep. Schultheiss PC. **J Am Vet Med Assoc** 1985 Apr 15;186(8):811

Measles virus encephalitis in ferrets as a model for subacute sclerosing panencephalitis. Thormar H, et al. **Lab Anim Sci** 1985 Jun;35(3):229-32

Pathomorphology and pathogenesis of bacterial meningoventriculitis of neonatal ungulates. Cordy DR. **Vet Pathol** 1984 Nov;21(6):587-91

Global survey of serological evidence of caprine arthritis-encephalitis virus infection. Adams DS, et al. **Vet Rec** 1984 Nov 10;115(19):493-5

Ovine listerial encephalitis: analysis, hypothesis and synthesis. Barlow RM, et al. **Vet Rec** 1985 Mar 2;116(9):233-6

Septicaemia, encephalitis and abortions in a housed flock of sheep caused by Listeria monocytogenes type 1/2. Low JC, et al. **Vet Rec** 1985 Feb 9;116(6):147-50

Infection of lambs with caprine arthritis encephalitis virus by feeding milk from infected goats [letter] Oliver R, et al. **Vet Rec** 1985 Jan 19;116(3):83

Caprine arthritis-encephalitis syndrome (CAE): a review. Al-Ani FK, et al. **Vet Res Commun** 1984 Nov;8(4):243-53 (63 ref.)

[Caprine arthritis-encephalitis virus (CAEV). Short review] Russo P. **Ann Rech Vet** 1984;15(1):3-6 (16 ref.) (Eng. Abstr.) **(Fre)**

ENCEPHALITIS, CALIFORNIA see under **ENCEPHALITIS, EPIDEMIC**

ENCEPHALITIS, CENTRAL EUROPEAN see **ENCEPHALITIS, TICK-BORNE**

ENCEPHALITIS, EPIDEMIC

Mosquitoes a continuing problem. Spatz H, et al. **J Arkansas Med Soc** 1984 Aug;81(3):175-6

Arbovirus meningoencephalitis in children. Stern SJ, et al. **J Arkansas Med Soc** 1984 Oct;81(5):274-7

COMPLICATIONS

[Importance of the action zone in adrenaline electrophoresis in patients with sequelae of viral encephalitis] Kornienko EG. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov-Dec;(6):47-8 **(Rus)**

DIAGNOSIS

Acute viral encephalitis. Ho DD, et al. **Med Clin North Am** 1985 Mar;69(2):415-29

IMMUNOLOGY

Absence of herpes simplex virus antigen in brain in encephalitis lethargica [letter] Esiri MM, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):1049-50

MICROBIOLOGY

Experimental La Crosse virus infection of red fox (Vulpes fulva), raccoon (Procyon lotor), opossum (Didelphis virginiana), and woodchuck (Marmota monax). Amundson TE, et al. **Am J Trop Med Hyg** 1985 May;34(3):586-95

California serogroup viruses in New York State: the role of subtypes in human infections. Srihongse S, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1218-27

Surveillance of arbovirus activity in Iowa, USA, 1978-1980. Andre RG, et al. **J Med Entomol** 1985 Jan 18;22(1):58-63

OCCURRENCE

California encephalitis in New Brunswick. Embil JA, et al. **Can Med Assoc J** 1985 May 15;132(10):1166

Leads from the MMWR. Arboviral infections of the central nervous system--United States, 1984. **JAMA** 1985 Jun 14; 253(22):3231-3

Serological evidence of infection with California serogroup viruses (family Bunyaviridae) in residents of Long Hua, suburb of Shanghai, People's Republic of China. Gu HX, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):780-1

[Encephalitis in the Valley of Ribeira region, São Paulo, Brazil, in the post-endemic period from 1978 to 1983: status of the etiological diagnosis and epidemiological characteristics] Iversson LB, et al. **Rev Saude Publica** 1984 Aug;18(4):323-32 (Eng. Abstr.) **(Por)**

PATHOLOGY

[Viral infections of the central nervous system] Nagara H, et al. **Tanpakushitsu Kakusan Koso** 1984 Dec;29(14):1710-6 **(Jpn)**

TRANSMISSION

La Crosse viremias in juvenile, subadult and adult chipmunks (Tamias striatus) following feeding by transovarially-infected Aedes triseriatus. Patrican LA, et al. **Am J Trop Med Hyg** 1985 May;34(3):596-602

Oral infection and transmission of La Crosse virus by an enzootic strain of Aedes triseriatus feeding on chipmunks with a range of viremia levels. Patrican LA, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):992-8

The vector competence of Australian Culex annulirostris with Murray Valley encephalitis and Kunjin viruses. Kay BH, et al. **Aust J Exp Biol Med Sci** 1984 Oct;62 (Pt 5):641-50

Mosquitoes a continuing problem. Spatz H, et al. **J Arkansas Med Soc** 1984 Aug;81(3):175-6

VETERINARY

California serogroup virus infection in a horse with encephalitis. Lynch JA, et al. **J Am Vet Med Assoc** 1985 Feb 15;186(4):389

ENCEPHALITIS, EQUINE see **ENCEPHALOMYELITIS, EQUINE**

ENCEPHALITIS, JAPANESE B

CEREBROSPINAL FLUID

[A preliminary study on cerebrospinal fluid lymphocyte subpopulations in patients with acute viral encephalitis] Zhou SR. **Chung Hua Nei Ko Tsa Chih** 1984 Jun; 23(6):352-4, 398 (Eng. Abstr.) **(Chi)**

COMPLICATIONS

Intractable hiccups (singultus) as presenting manifestation of Japanese encephalitis. Hemachudha T, et al. **J Med Assoc Thai** 1984 Nov;67(11):621-3

DIAGNOSIS

IgM antibody capture ELISA in the diagnosis of Japanese encephalitis, West Nile & dengue virus infections. Gadkari DA, et al. **Indian J Med Res** 1984 Dec;80:613-9

Typhoid masquerading as Japanese encephalitis. Henderson A, et al. **J R Army Med Corps** 1984 Oct;130(3):183-4

Antibody-capture ELISA for detection of immunoglobulin M antibodies in sera from Japanese encephalitis and dengue hemorrhagic fever patients. Bundo K, et al. **J Virol Methods** 1985 May;11(1):15-22

IMMUNOLOGY

Kinetics of IgM and IgG responses to Japanese encephalitis virus in human serum and cerebrospinal fluid. Burke DS, et al. **J Infect Dis** 1985 Jun;151(6):1093-9

Biotin-labeled protein-A enzyme-linked immunosorbent assay for the detection of Japanese encephalitis antibody in sera from humans, swine and several animal species. Chang HC, et al. **J Virol Methods** 1984 Oct;9(2):143-51

[Effect of cyclophosphamide treatment on mice infected with Japanese encephalitis virus] Ninomiya T. **Kansenshogaku Zasshi** 1985 Jan;59(1):29-40 (Eng. Abstr.) **(Jpn)**

MICROBIOLOGY

[Standardization of the conditions for measuring the specific fluorescence intensity in continuous cell cultures infected with variants of the Japanese encephalitis virus] Cherednichenko IuN. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):57-60 (Eng. Abstr.) **(Rus)**

OCCURRENCE

Japanese encephalitis virus infection during pregnancy. Mathur A, et al. **Indian J Med Res** 1985 Jan;81:9-12

Japanese encephalitis. Benakappa DG, et al. **Indian Pediatr** 1984 Oct;21(10):811-5

Outbreak of Japanese encephalitis in Manipur during 1982--some epidemiological features. Chakraborty AK, et al. **J Commun Dis** 1984 Sep;16(3):227-33

Japanese encephalitis in Thai children, Bangkok, Thailand. Thisyakorn U, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):93-7

[Surveillance of Japanese encephalitis B in Shenyang, Liaoning Province 1975-1982] Feng GX. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Jun; 5(3):129-33 (Chi)

[Mathematical forecast of the incidence of encephalitis B in a community with an immunization program] Zeng G, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Aug;6(4):288-90 (Eng. Abstr.) **(Chi)**

PREVENTION & CONTROL

Protective effect of a fungal interferon inducer (6-MFA) against Japanese encephalitis infection in mice. Ghosh SN, et al. **Indian J Med Res** 1984 Jun;79:705-8

Immunisation against Japanese encephalitis in Nepal: experience of 1152 subjects. Henderson A. **J R Army Med Corps** 1984 Oct;130(3):188-91

TRANSMISSION

A seroepidemiological study of Japanese encephalitis and dengue virus infections in the Chiang Mai area, Thailand. Fukunaga T, et al. **Biken J** 1984 Mar;27(1):9-17

Mosquito vectors of Japanese encephalitis epidemic (1983) in Mandya district (India). Mishra AC, et al. **Indian J Med Res** 1984 Oct;80:377-89

[Transmission of Japanese B encephalitis in Taoyuan County] Zhong ZH. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Dec; 5(6):342-4 (Eng. Abstr.) **(Chi)**

VETERINARY

Application of ELISA to sero-epidemiological survey of Japanese encephalitis in swine. Ohkubo Y, et al. **Jpn J Vet Res** 1984 Oct;32(4):191-7

Experimental studies on vertical infection of mice with Japanese encephalitis virus. IV. Effect of virus strain on placental and fetal infection. Fujisaki Y, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Spring;23(1):21-6

Seroepidemiological survey on dengue and Japanese encephalitis virus infections in Asian monkeys. Yuwono J, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun;15(2):194-200

ENCEPHALITIS PERIAXIALIS

DIAGNOSIS

[Current diagnosis of Schilder's disease] Pruchnik-Grabowska D, et al. **Neurol Neurochir Pol** 1984 Sep-Oct;18(5):473-5 (Eng. Abstr.) **(Pol)**

[Clinical picture and pathologic anatomy of diffuse periaxial encephalitis] Al'perovich PM, et al. **Zh Nevropatol Psikhiatr** 1985;85(2):167-72 (Eng. Abstr.) **(Rus)**

OCCURRENCE

[Concentric sclerosis--with special reference to the high incidence of this unusual demyelinating disease in the Philippines] Kuroiwa Y, et al. **Rinsho Shinkeigaku** 1984 Dec;24(12):1217-20 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Balo's concentric sclerosis: new observations on lesion development. Moore GR, et al. **Ann Neurol** 1985 Jun; 17(6):604-11

[Baló's concentric sclerosis] Castaigne P, et al. **Rev Neurol (Paris)** 1984;140(8-9):479-87 (Eng. Abstr.) **(Fre)**

[Baló's concentric sclerosis: lesions restricted to the pons] Gray F, et al. **Rev Neurol (Paris)** 1985;141(1):43-5 (Eng. Abstr.) **(Fre)**

ENCEPHALITIS, POST-VACCINAL

see related
HYPERSENSITIVITY, DELAYED

DIAGNOSIS

Postinfectious and postvaccinial encephalomyelitis. Sriram S, et al. **Neurol Clin** 1984 May;2(2):341-53

ETIOLOGY

[Preventive vaccination in children with altered reactivity] Braginskaia VP, et al. **Pediatriia** 1984 Dec;(12):56-9 **(Rus)**

PSYCHOLOGY

[Multiple tics and auto-aggressive behavior. A case of secondary neurotization in post-vaccinal encephalopathy] Vogel C. **Prax Kinderpsychol Kinderpsychiatr** 1984 Jul; 33(5):188-91 (Eng. Abstr.) **(Ger)**

ENCEPHALITIS, ST. LOUIS

DIAGNOSIS

Immunoglobulin M antibody capture enzyme-linked immunosorbent assay for diagnosis of St. Louis encephalitis. Monath TP, et al. **J Clin Microbiol** 1984 Oct;20(4):784-90

OCCURRENCE

Leads from the MMWR. Arboviral infections of the central nervous system--United States, 1984. **JAMA** 1985 Jun 14; 253(22):3231-3

Leads from the MMWR. St Louis encephalitis--California. **JAMA** 1984 Dec 21;252(23):3243

St. Louis encephalitis--California. **MMWR** 1984 Nov 23; 33(46):649-51

VETERINARY

Experimental studies of St. Louis encephalitis virus in vertebrates. McLean RG, et al. **J Wildl Dis** 1985 Apr; 21(2):85-93

ENCEPHALITIS, TICK-BORNE

COMPLICATIONS

[A case of central chorioretinitis caused by tick-borne encephalitis] Liubovskaia NS. **Vestn Oftalmol** 1984 Nov-Dec;(6):68-9 **(Rus)**

DIAGNOSIS

[The use of immunofluorescent method in detection of IgM antibody for the early diagnosis of tick-borne encephalitis (TBE)] Li ZD. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1985 Mar;19(2):85-7 (Eng. Abstr.) **(Chi)**

[Results of using the ELISA method in studying tick-borne encephalitis and rabies] Subbotina LS, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jan;(1):73-7 (Eng. Abstr.) **(Rus)**

[Use of methods of pattern recognition to analyze the EEG of patients with different forms of epilepsy] Guliaeva SE, et al. **Zh Nevropatol Psikhiatr** 1985;85(6):827-31 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Persistence of tick-borne encephalitis virus in monkeys. VII. Some features of the immune response. Pogodina VV, et al. **Acta Virol (Praha)** 1984 Sep;28(5):407-15

[Detection of the antibodies to the virion antigen of tick-borne encephalitis virus in patients' sera using counterimmunoelectrophoresis] Liapustin VN, et al. **Vopr Virusol** 1985 Jan-Feb;30(1):102-4 **(Rus)**

[Variants of the host immune response to the tick-borne encephalitis virus] Pogodina VV, et al. **Vopr Virusol** 1984 Nov-Dec;29(6):708-15 (Eng. Abstr.) **(Rus)**

[Immunological structure of the population following the extermination of ticks in a natural focus of tick-borne encephalitis] Vorontsova TA. **Vopr Virusol** 1985 Mar-Apr; 30(2):186-9 (Eng. Abstr.) **(Rus)**

[Effectors of in vivo delayed hypersensitivity in experimental flavivirus infections and vaccination against tick-borne encephalitis in mice] Lipovka VA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):83- (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

[Characteristics of a cell-culture infection with the tick-borne encephalitis virus with periodic replacement of the culture medium] Dzhivanian TI, et al. **Vopr Virusol** 1985 Mar-Apr;30(2):219-23 (Eng. Abstr.) **(Rus)**

OCCURRENCE

Central European tick-borne encephalitis: assessment of risk for persons in the armed services and vacationers [letter] McNeil JG, et al. **J Infect Dis** 1985 Sep;152(3):650-1

[Changes in the incidence of tick-borne encephalitis in the Krasnoyarsk region over many years] Naumov RL, et al. **Med Parazitol (Mosk)** 1985 Mar-Apr;(2):72-7 (Eng. Abstr.) **(Rus)**

[Cases of tick-borne encephalitis in nonendemic areas] Bychkova VI, et al. **Vrach Delo** 1984 Nov;(11):120 **(Rus)**

PATHOLOGY

Experimental encephalitis in monkeys caused by the Powassan virus. Frolova MP, et al. **Neurosci Behav Physiol** 1985 Jan-Feb;15(1):62-9

[Ultrastructural changes in the CNS of monkeys with the chronic form of tick-borne encephalitis] Erman BA, et al. **Arkh Patol** 1985;47(3):46-52 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

[Electroencephalographic findings in tick-borne encephalitis] Szirmai I. **EEG EMG** 1984 Sep;15(3):138-41 (Eng. Abstr.) **(Ger)**

[Bioelectric activity of the brain in the acute and convalescent periods of tick-borne encephalitis in children] Mitrokhina LA, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1483-7 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

[Vaccination against tick-borne encephalitis using the Soviet liquid inactivated vaccine] Plesník V, et al. **Cesk Epidemiol Mikrobiol Imunol** 1984 Nov;33(6):338-45 (Eng. Abstr.) **(Cze)**

[Reactogenicity and antigenic activity of a chromatographic cultured purified and concentrated inactivated dried vaccine against tick-borne encephalitis] Popov OV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):34-9 (Eng. Abstr.) **(Rus)**

[Study of the reactivity and immunogenicity of FSME-IMMUN vaccine against tick-borne meningoencephalitis] Borčić B, et al. **Lijec Vjesn** 1984 Oct;106(10):425-8 (Eng. Abstr.) **(Scr)**

THERAPY

[Dispensarization of chronic tick-borne encephalitis patients] Subbotin AV. **Zh Nevropatol Psikhiatr** 1985;85(2):173-7 (Eng. Abstr.) **(Rus)**

TRANSMISSION

Occurrence of ixodid ticks—the main vectors of tick-borne encephalitis virus in urbanized territory. Korenberg E, et al. **Folia Parasitol (Praha)** 1984;31(4):365-70

[Interrelation between invertebrates and tickborne encephalitis virus. Discussion. 4. Amphibians and reptiles] Gutova VP, et al. **Med Parazitol (Mosk)** 1985 Jan-Feb;(1):44-6 (Eng. Abstr.) **(Rus)**

[New data on tick-borne encephalitis in the Maritime Territory] Kolonin GV, et al. **Med Parazitol (Mosk)** 1984 Sep-Oct;(5):67-70 (Eng. Abstr.) **(Rus)**

ENCEPHALITIS VIRUS, CENTRAL EUROPEAN see under **ENCEPHALITIS VIRUSES, TICK-BORNE**

ENCEPHALITIS VIRUS, EASTERN EQUINE see under **ALPHAVIRUSES**

ENCEPHALITIS VIRUS, JAPANESE

CLASSIFICATION

[Use of enzyme immunoassay in the identification of cell-cultured viruses. I. A simple approach for the identification of arboviruses] Zhang YH. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug;5(4):199-202 (Eng. Abstr.) **(Chi)**

GROWTH & DEVELOPMENT

Enhancement of Japanese encephalitis virus growth in vitro by concanavalin A. Kelkar SD. **Indian J Med Res** 1985 May;81:437-40

Effect of gregarine parasite, Ascogregarina culicis & tetracycline on the susceptibility of Culex bitaeniorhynchus to JE virus. Mourya DT, et al. **Indian J Med Res** 1985 Mar;81:247-50

Transovarial transmission of Japanese encephalitis virus in Culex bitaeniorhynchus mosquitoes. Soman RS, et al. **Indian J Med Res** 1985 Mar;81:257-9

A focus assay method for Japanese encephalitis virus using complement and anti-virus serum. Kimura-Kuroda J, et al. **Microbiol Immunol** 1985;29(1):55-63

IMMUNOLOGY

Rapid focus reduction neutralization test of Japanese encephalitis virus in microtiter system. Brief report. Okuno Y, et al. **Arch Virol** 1985;86(1-2):129-35

A seroepidemiological study of Japanese encephalitis and dengue virus infections in the Chiang Mai area, Thailand. Fukunaga T, et al. **Biken J** 1984 Mar;27(1):9-17

Neutralizing antibody responses to Japanese encephalitis vaccine in children. Juang RF, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1983 Sep;16(3):190-7

Kinetics of IgM and IgG responses to Japanese encephalitis virus in human serum and cerebrospinal fluid. Burke DS, et al. **J Infect Dis** 1985 Jun;151(6):1093-9

Immunisation against Japanese encephalitis in Nepal: experience of 1152 subjects. Henderson A. **J R Army Med Corps** 1984 Oct;130(3):188-91

Antibody-capture ELISA for detection of immunoglobulin M antibodies in sera from Japanese encephalitis and dengue hemorrhagic fever patients. Bundo K, et al. **J Virol Methods** 1985 May;11(1):15-22

Biotin-labeled protein-A enzyme-linked immunosorbent assay for the detection of Japanese encephalitis antibody in sera from humans, swine and several animal species. Chang HC, et al. **J Virol Methods** 1984 Oct;9(2):143-51

[Comparison of hemagglutination inhibition titers of venous and peripheral blood in Japanese encephalitis B patients] Yang WZ. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Jun;5(3):134-5 (Eng. Abstr.) **(Chi)**

[Effects of cyclophosphamide on the antibody response in mice immunized with Japanese encephalitis virus vaccine] Hachimine K, et al. **Kansenshogaku Zasshi** 1985 Mar;59(3):303-9 (Eng. Abstr.) **(Jpn)**

[Antigenic relationships among strains of Japanese encephalitis virus by using monoclonal antibodies] Kobayashi Y, et al. **Kansenshogaku Zasshi** 1985 Mar;59(3):237-44 (Eng. Abstr.) **(Jpn)**

[A long-term observation of HI antibody against Japanese encephalitis virus and the effect of vaccination on the immunity of healthy adults] Kusaba T, et al. **Kansenshogaku Zasshi** 1985 Apr;59(4):396-404 (Eng. Abstr.) **(Jpn)**

ISOLATION & PURIFICATION

Temperature-sensitive mutants of Japanese encephalitis virus. Eastman PS, et al. **J Virol** 1985 Sep;55(3):611-6

Isolation of Japanese encephalitis virus strains from sentinel pigs in northern Thailand, 1982 [letter] Burke DS, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):420-1

PATHOGENICITY

Experimental studies on vertical infection of mice with Japanese encephalitis virus. IV. Effect of virus strain on placental and fetal infection. Fujisaki Y, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Spring;23(1):21-6

[Low virulent strains of JBE virus isolated from Culex tritaeniorhynchus in Indonesia] Chen BQ. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Feb;6(1):4-6 (Eng. Abstr.) **(Chi)**

PHYSIOLOGY

Comparative susceptibility of mosquito species and strains to oral and parenteral infection with dengue and Japanese encephalitis viruses. Rosen L, et al. **Am J Trop Med Hyg** 1985 May;34(3):603-15

The effect of interferon on Japanese encephalitis virus in vitro. Harinasuta C, et al. **Southeast Asian J Trop Med Public Health** 1984 Dec;15(4):564-8

ENCEPHALITIS VIRUS, ST. LOUIS see under **FLAVIVIRUSES**

ENCEPHALITIS VIRUS, VENEZUELAN EQUINE

CLASSIFICATION

Markers of Venezuelan encephalitis virus which distinguish enzootic strains of subtype I-D from those of I-E. Stanick DR, et al. **Am J Epidemiol** 1985 Aug;122(2):234-44 (32 ref.)

GROWTH & DEVELOPMENT

Barriers to dissemination of Venezuelan encephalitis viruses in the Middle American enzootic vector mosquito, Culex (Melanoconion) taeniopus. Weaver SC, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):953-60

ISOLATION & PURIFICATION

Arbovirus investigations in Argentina, 1977-1980. III. Identification and characterization of viruses isolated, including new subtypes of western and Venezuelan equine encephalitis viruses and four new bunyaviruses (Las Maloyas, Resistencia, Barranqueras, and Antequera). Calisher CH, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):956-65

Ecologic observations of Venezuelan encephalitis virus in vertebrates and isolations of Nepuyo and Patois viruses from sentinel hamsters at Pacific and Atlantic habitats in Guatemala, 1968-1980. Scherer WF, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):790-8

ENCEPHALITIS VIRUS, WESTERN EQUINE

GROWTH & DEVELOPMENT

Western equine encephalomyelitis virus: in vivo infection and morphogenesis in mosquito mesenteronal epithelial cells. Houk EJ, et al. **Virus Res** 1985 Mar;2(2):123-38

ISOLATION & PURIFICATION

Arbovirus investigations in Argentina, 1977-1980. III. Identification and characterization of viruses isolated, including new subtypes of western and Venezuelan equine encephalitis viruses and four new bunyaviruses (Las Maloyas, Resistencia, Barranqueras, and Antequera). Calisher CH, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):956-65

METABOLISM

Properties of monoclonal antibodies against glycoproteins of western equine encephalitis virus. Yamamoto K, et al. **J Virol** 1985 Sep;55(3):840-2

ENCEPHALITIS VIRUSES, TICK-BORNE

[Comparative study of the oligopeptide maps of virus-specific proteins of the viruses of the tick-borne encephalitis complex] Zhankov AI, et al. **Vopr Virusol** 1985 Jan-Feb;30(1):86-9 (Eng. Abstr.) **(Rus)**

ANALYSIS

[Electrophoretic characteristics of the virus-specific proteins of Powassan virus] Dzhivanian TI, et al. **Vopr Virusol** 1985 Jan-Feb;30(1):96-9 **(Rus)**

GENETICS

[Cloning and primary structure of DNA copies of genome fragments of the tick-borne encephalitis virus] Chumakov MP, et al. **Bioorg Khim** 1983 Feb;9(2):276-9 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Replication of tick-borne encephalitis (TBE) virus in ticks Dermacentor marginatus. Nosek J, et al. **Angew Parasitol** 1985 May;26(2):97-101

IMMUNOLOGY

Immune response to different tick-borne encephalitis vaccines as revealed by lymphocyte blast transformation and virus neutralization tests. Dzagurov SG, et al. **Acta Virol (Praha)** 1984 Sep;28(5):388-94

Differentiation in the complement fixation test of the viruses of tick-borne encephalitis complex by means of a type-specific soluble antigen. Gaidamovich SYa, et al. **Acta Virol (Praha)** 1985 Mar;29(2):143-9

Antigen-specific transfer factor from mice immunized with an attenuated flavivirus: augmentation of inducing activity in semipurified splenocytic dialyzates. Mayer V, et al. **Acta Virol (Praha)** 1985 Jan;29(1):25-34

Persistence of tick-borne encephalitis virus in monkeys. VII. Some features of the immune response. Pogodina VV, et al. **Acta Virol (Praha)** 1984 Sep;28(5):407-15

Immunogenicity of tick-borne encephalitis virus glycoprotein fragments: epitope-specific analysis of the antibody response. Heinz FX, et al. **J Gen Virol** 1984 Nov;65 (Pt 11):1921-9

Antibody-dependent enhancement of tick-borne encephalitis virus infectivity. Phillpotts RJ, et al. **J Gen Virol** 1985 Aug;66 (Pt 8):1831-7

[Vaccination against tick-borne encephalitis using the Soviet liquid inactivated vaccine] Plesník V, et al. **Cesk Epidemiol Mikrobiol Imunol** 1984 Nov;33(6):338-45 (Eng. Abstr.) **(Cze)**

[Subunit immunogen of the tick-borne encephalitis virus. The immunological characteristics of glycoprotein V3 from 2 antigenic types of tick-borne encephalitis virus] Chumakov MP, et al. **Vopr Virusol** 1984 Nov-Dec;29(6):701-6 (Eng. Abstr.) **(Rus)**

[Concentrated and purified vaccine against tick-borne encephalitis prepared by ultracentrifugation and chromatography] El'bert LB, et al. **Vopr Virusol** 1985 Jan-Feb;30(1):90-3 **(Rus)**

[Detection of the antibodies to the virion antigen of tick-borne encephalitis virus in patients' sera using counterimmunoelectrophoresis] Liapustin VN, et al. **Vopr Virusol** 1985 Jan-Feb;30(1):102-4 **(Rus)**

[Variants of the host immune response to the tick-borne encephalitis virus] Pogodina VV, et al. **Vopr Virusol** 1984 Nov-Dec;29(6):708-15 (Eng. Abstr.) **(Rus)**

[Effectors of in vivo delayed hypersensitivity in experimental flavivirus infections and vaccination against tick-borne encephalitis in mice] Lipovka VA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):83-8 (Eng. Abstr.) **(Rus)**

[Reactogenicity and antigenic activity of a chromatographic cultured purified and concentrated inactivated dried vaccine against tick-borne encephalitis] Popov OV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):34-9 (Eng. Abstr.) **(Rus)**

[Possible use of a concentrated vaccine against tick-borne encephalitis for immunizing donors to obtain specific immunoglobulin] Subbotina LS, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):71-4 (Eng. Abstr.) **(Rus)**

[Use of an immunofluorescence micromethod for determining the antigens of the influenza and tick-borne encephalitis viruses] Vaserin IuI, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jan;(1):77-81 (Eng. Abstr.) **(Rus)**

[Study of the reactivity and immunogenicity of

FSME-IMMUN vaccine against tick-borne meningoencephalitis] Borčić B, et al. **Lijec Vjesn** 1984 Oct; 106(10):425-8 (Eng. Abstr.) **(Ser)**

ISOLATION & PURIFICATION

[Subunit immunogen of the tick-borne encephalitis virus. The isolation of glycoprotein V3 from 2 types of the tick-borne encephalitis virus and a study of its amino acid composition] Chumakov MP, et al. **Vopr Virusol** 1984 Nov-Dec; 29(6):694-701 (Eng. Abstr.) **(Rus)**

[Demonstration of the tick-borne encephalitis virus by a solid-phase immunoenzyme method in materials from natural foci] Karavanov AS, et al. **Vopr Virusol** 1984 Nov-Dec;29(6):722-4 (Eng. Abstr.) **(Rus)**

PATHOGENICITY

[Experimental study of the interrelations of vertebrates with the tick-borne encephalitis virus. 3. Birds] Naumov RL, et al. **Med Parazitol (Mosk)** 1984 Jul-Aug;(4):74-7 (28 ref.) (Eng. Abstr.) **(Rus)**

ENCEPHALITOGENIC BASIC PROTEINS

Spectroscopic assessment of secondary and tertiary structure in myelin basic protein. Randall CS, et al. **Biochemistry** 1985 Apr 9;24(8):1996-2004

Myelin basic protein induces hexagonal phase formation in dispersions of diacylphosphatidic acid. Smith R, et al. **Biochim Biophys Acta** 1985 Aug 27;818(2):275-9

The encephalitogenic protein of myelin forms hexamers in which the polypeptides have a pleated-sheet structure. Smith R. **FEBS Lett** 1985 Apr 22;183(2):331-4

Lipid-induced recognition of a conformational determinant (residues 65 to 83) in myelin basic protein. Boggs JM, et al. **J Immunol** 1985 Oct;135(4):2617-22

Interaction of ganglioside GM1 and myelin basic protein studied by carbon-13 and proton nuclear magnetic resonance spectroscopy. Ong RL, et al. **J Neurosci Res** 1984;12(2-3):377-93

Pretreatment with antigen or adjuvant, and the preventability of allergic encephalomyelitis induced by basic protein with synthetic muramyl dipeptide in comparison with Freund's complete adjuvant. Mitsuzawa E, et al. **Jpn J Exp Med** 1984 Jun;54(3):97-107

Degradation of bovine P2 protein by bovine brain cathepsin D. Whitaker JN, et al. **Neurochem Res** 1984 Oct; 9(10):1431-43

Interaction between human myelin basic protein and lipophilin. Wood DD, et al. **Neurochem Res** 1984 Oct; 9(10):1523-31

ANALYSIS

An X-ray diffraction analysis of oriented lipid multilayers containing basic proteins. MacNaughtan W, et al. **Biochim Biophys Acta** 1985 Aug 27;818(2):132-48

Interaction of myelin basic protein, melittin and bovine serum albumin with gangliosides, sulphatide and neutral glycosphingolipids in mixed monolayers. Fidelio GD, et al. **Chem Phys Lipids** 1984 Aug;35(3):231-45

Simple and rapid identification of phosphorylated peptides from bovine brain myelin basic protein by reversed-phase high-performance liquid chromatography. Shoji S, et al. **J Chromatogr** 1985 Feb 20;319(3):359-66

Amino acid sequence of porcine myelin basic protein. Kira J, et al **J Neurochem** 1985 Jan;44(1):134-42

Immunohistochemical localization of 2',3'-cyclic nucleotide 3'-phosphodiesterase and myelin basic protein in the central nervous system of the jimpy and the normal mouse. Mikoshiba K, et al. **J Neurochem** 1985 Mar;44(3):686-91

A micromethod for absorption of specific antibody using an enzyme-linked immunosorbent assay (ELISA). Calabrese VP. **J Neurosci Methods** 1984 Jun;11(2):137-41

BIOSYNTHESIS

Expression of myelin basic protein genes in several dysmyelinating mouse mutants during early postnatal brain development. Roth HJ, et al. **J Neurochem** 1985 Aug; 45(2):572-80

Synthesis of myelin proteins and ultrastructural investigations in regenerating rat sciatic nerve. Alberghina M, et al. **J Neurosci Res** 1985;13(4):551-62

Cerebral myelinogenesis in the Snell dwarf mouse: stimulatory effects of GH and T4 restricted to the first 20 days of postnatal life. Sugisaki T, et al. **Neurochem Res** 1985 Jun;10(6):767-78

BLOOD

Serum MBP immunoreactivity and immunoglobulin level as markers of tumour type. Seeldrayers PA, et al. **J Neurooncol** 1984;2(2):141-5

CEREBROSPINAL FLUID

The relationship between levels of cerebrospinal fluid myelin basic protein and IgG measurements in patients with multiple sclerosis. Warren KG, et al. **Ann Neurol** 1985 May; 17(5):475-80

Indicators of disease activity in multiple sclerosis. Studies of myelin basic protein-like materials. Whitaker JN. **Ann NY Acad Sci** 1984;436:140-50 (67 ref.)

Myelin basic protein and S-100 antigen in cerebrospinal fluid of patients with multiple sclerosis in the acute phase. Massaro AR, et al. **Ital J Neurol Sci** 1985 Mar;6(1):53-6

High-dose methotrexate-induced neurotoxicity associated with elevation of CSF myelin basic protein [letter] Neijstrom E, et al. **J Clin Oncol** 1985 Apr;3(4):593-4

Ascending myelopathy after chemotherapy for central nervous system acute lymphoblastic leukemia: correlation with cerebrospinal fluid myelin basic protein. Bates SE, et al. **Med Pediatr Oncol** 1985;13(1):4-8

DIAGNOSTIC USE

Humoral leukocyte adherence inhibition (H-LAI) with basic encephalitogenic protein (BEP) in head and neck cancer. Kövesi G, et al. **Haematologia (Budap)** 1985;18(1):27-32

GENETICS

Chromosomal mapping of mouse myelin basic protein gene and structure and transcription of the partially deleted gene in shiverer mutant mice. Roach A, et al. **Cell** 1985 Aug; 42(1):149-55

Cloning and characterization of the myelin basic protein gene from mouse: one gene can encode both 14 kd and 18.5 kd MBPs by alternate use of exons. Takahashi N, et al. **Cell** 1985 Aug;42(1):139-48

Myelin basic protein gene expression in quaking, jimpy, and myelin synthesis-deficient mice. Carnow TB, et al. **Dev Biol** 1984 Nov;106(1):38-44

A reinvestigation of the amino acid sequences of bovine, rabbit, monkey, and human myelin basic proteins. Deibler GE, et al. **J Biol Chem** 1985 Jan 10;260(1):472-4

Molecular genetic analysis of myelin-deficient mice: shiverer mutant mice show deletion in gene(s) coding for myelin basic protein. Kimura M, et al. **J Neurochem** 1985 Mar; 44(3):692-6

IMMUNOLOGY

The role of myelin P2 protein in the production of experimental allergic neuritis. Rostami A, et al. **Ann Neurol** 1984 Dec;16(6):680-5

Contamination of proteolipid protein with basic protein [letter] Trotter JL, et al. **Ann Neurol** 1984 Oct;16(4):514

Experimental allergic encephalomyelitis in the chicken. Class-specific antibody to myelin basic protein, the ability of T cells to cause GvH reaction, brain and spleen histology, and nonspecific biochemical indicators of inflammation. Błaszczyk B, et ai. **Arch Immunol Ther Exp (Warsz)** 1984;32(6):703-9

Proton-n.m.r. study of interaction of myelin basic protein with a monoclonal antibody. Mendz GL, et al. **Biochem J** 1985 May 15;228(1):61-8

N.m.r. studies of myelin basic protein. Conformation of a peptide that is an antigenic determinant for B-cell reactivity. Mendz GL, et al. **Biochem J** 1985 Jul 15; 229(2):305-13

The acquisition of encephalitogenicity after sensitized cells are conditioned with myelin basic protein or concanavalin A. Levine S, et al. **Cell Immunol** 1985 Feb;90(2):599-604

Studies on the mechanism of suppression of experimental allergic encephalomyelitis induced by myelin basic protein-cell conjugates. McKenna RM, et al. **Cell Immunol** 1984 Oct 15;88(2):251-9

Transfer of experimental allergic neuritis with P2-reactive T-cell lines. Rostami A, et al. **Cell Immunol** 1985 Apr 1; 91(2):354-61

Distribution of P2 antigen in neural and non-neural bovine tissues. Eaton RB, et al. **Immunol Commun** 1984; 13(4):337-50

A two-chain tumour-related suppressor factor specific for a sequence antigen. Koppi-Reynolds TA, et al. **Immunol Lett** 1984;8(4):219-25

Major histocompatibility complex-linked control of the murine immune response to myelin basic protein. Fritz RB, et al. **J Immunol** 1985 Apr;134(4):2328-32

Neural antigens and the development of autoimmunity. Hashim GA. **J Immunol** 1985 Aug;135(2 Suppl):838s-842s

Presentation of myelin basic protein by murine cerebral vascular endothelial cells. McCarron RM, et al. **J Immunol** 1985 May;134(5):3100-3

Characterization of T cell lines and clones from SJL/J and (BALB/c x SJL/J)F1 mice specific for myelin basic protein. Trotter J, et al. **J Immunol** 1985 Apr;134(4):2322-7

Specificity of T lymphocyte lines for peptides of myelin basic protein. Vandenbark AA, et al. **J Immunol** 1985 Jul; 135(1):229-33

A myelin basic protein-specific T lymphocyte line that mediates experimental autoimmune encephalomyelitis. Vandenbark AA, et al. **J Immunol** 1985 Jul;135(1):223-8

Sites in myelin basic protein that react with monoclonal antibodies. Hruby S, et al. **J Neurochem** 1985 Feb; 44(2):637-50

Macrophage procoagulant activity as a measure of cell-mediated immunity to P2 protein of peripheral nerves in the Guillain-Barré syndrome. Geczy C, et al. **J Neuroimmunol** 1985 Aug;9(3-4):179-91

Myelin basic protein-specific T cell lines and clones derived from SJL/J mice with experimental allergic encephalomyelitis. Richert JR, et al. **J Neuroimmunol** 1985 May;8(2-3):129-39

Immunocytochemistry of myelin basic proteins in adult rat oligodendroglia. Sternberger NH, et al. **J Neuroimmunol** 1985 Feb-Mar;7(5-6):355-63

Experimental allergic neuritis induced in SJL mice by bovine P2. Taylor WA, et al. **J Neuroimmunol** 1985 May; 8(2-3):153-7

Immune lysis of lipid vesicles containing myelin basic protein or glycolipid antigens by multiple sclerosis and normal sera. Boggs JM, et al. **J Neurol Sci** 1984 Nov-Dec; 66(2-3):339-48

Peripheral nerve P2 basic protein and the Guillain-Barré syndrome. In vitro demonstration of P2-specific antibody-secreting cells. Luijten JA, et al. **J Neurol Sci** 1984 Nov-Dec;66(2-3):209-16

Humoral immune responses to myelin basic protein, cerebroside and ganglioside in chronic relapsing experimental allergic encephalomyelitis of the guinea pig. Tabira T, et al. **J Neurol Sci** 1985 Feb;67(2):201-12

Necessity of continuous antigenic stimulation by the locally retained antigens in chronic relapsing experimental allergic encephalomyelitis. Tabira T, et al. **J Neurol Sci** 1984 Oct; 66(1):97-106

Myelin basic protein-responsive blood T lymphocytes in patients with multiple sclerosis. Hashim GA, et al. **J Neurosci Res** 1985;13(3):349-55

Morphologic study on experimental allergic neuritis mediated by T cell line specific for bovine P2 protein in Lewis rats. Izumo S, et al. **Lab Invest** 1985 Aug;53(2):209-18

Experimental autoimmune encephalomyelitis. Augmentation of demyelination by different myelin lipids. Moore GR, et al. **Lab Invest** 1984 Oct;51(4):416-24

One-way humoral immune cross-reactivity between bovine spinal cord protein and bovine myelin basic protein. Prokopchuk P, et al. **Mol Immunol** 1984 Oct; 21(10):999-1005

A serum factor cross-reactive with antibodies to a determinant of rabbit encephalitogenic sequence 65-74 of myelin basic protein. Day ED, et al. **Neurochem Res** 1985 Mar;10(3):411-26

Affinity purification of two populations of antibodies against format determinants of synthetic myelin basic protein peptide S82 from S82-AH- and S82-CH-Sepharose 4B columns. Day ED, et al. **Neurochem Res** 1984 Oct; 9(10):1453-65

Format determinants of synthetic myelin basic protein peptide S82 mimicked by a mixture of synthetic peptides S8 and S79. Day ED, et al. **Neurochem Res** 1984 Oct; 9(10):1445-52

Immunochemical cross-reactivity between intact purified myelin basic protein (MBP) and the synthetic encephalitogenic peptide S49. Lazarus KJ, et al. **Neurochem Res** 1984 Sep;9(9):1295-308

Delayed-type hypersensitivity to myelin basic proteins in mice susceptible to allergic encephalomyelitis. Linthicum DS, et al. **Neurochem Res** 1984 Oct;9(10):1467-76

Immunomodulation of relapsing experimental allergic encephalomyelitis. Lublin FD. **Neurology** 1984 Dec; 34(12):1615-7

Anti-myelin basic protein antibody in experimental allergic optic neuritis and encephalomyelitis. Robin JB, et al. **Ophthalmic Res** 1985;17(3):174-80

[Monitoring antibody activity in personnel in infectious disease departments in the North Bohemian Region using the ENC-HEM SEVAC kit] Jílek D, et al. **Cas Lek Cesk** 1984 Sep 28;123(38-39):1195-7 (Eng. Abstr.) **(Cze)**

[Detection of immune reactivity to antigens of the central nervous system in patients with myotonic dystrophy] Mayer M, et al. **Cas Lek Cesk** 1984 Sep 28; 123(38-39):1187-9 (Eng. Abstr.) **(Cze)**

[Leukocyte migration inhibition in women with tumors in an environment with ovarian carcinoma antigen and encephalitogenic factor] Tošner J, et al. **Cas Lek Cesk** 1984 Mar 23;123(12):354-7 (Eng. Abstr.) **(Cze)**

[Antibody reaction to basic myelin proteins after intracisternal administration into animals] Mendzheritskii AM. **Vopr Med Khim** 1984 Sep-Oct;30(5):106-10 (Eng. Abstr.) **(Rus)**

[Immune response to basic myelin proteins in herpes simplex virus infections] Libíková H, et al. **Bratisl Lek Listy** 1985 Apr;83(4):383-94 (Eng. Abstr.) **(Slo)**

ISOLATION & PURIFICATION

A new procedure for the isolation of the brain myelin basic protein in a lipid-bound form. Riccio P, et al. **FEBS Lett** 1984 Nov 19;177(2):236-40

Isolation of tryptic peptides of myelin basic protein by reversed-phase high-performance liquid chromatography. Deibler GE, et al. **J Chromatogr** 1985 Jun 19;326:433-42

Separation and isolation of human myelin basic protein peptides by reversed-phase high-performance liquid chromatography in volatile buffers. Heinemann MA, et al. **J Chromatogr** 1985 Jul 19;329(2):295-9

Isolation of the human myelin basic protein by immunoaffinity chromatography with a monoclonal antibody. Tigyi GJ, et al. **Mol Immunol** 1984 Oct; 21(10):889-94

Enzymatic and nonenzymatic degradation of myelin basic protein. Deibler GE, et al. **Neurochem Res** 1984 Oct; 9(10):1371-85

Detection of various forms of brain myelin basic protein in vertebrates by electroimmunoblotting. Kerlero De Rosbo N, et al. **Neurochem Res** 1984 Oct;9(10):1359-69

METABOLISM

Immunocytochemical study of myelin-associated glycoprotein (MAG), basic protein (BP), and glial fibrillary acidic protein (GFAP) in chronic relapsing experimental allergic encephalomyelitis (EAE). Webster HD, et al. **Acta Neuropathol (Berl)** 1985;65(3-4):177-89

The role of charge microheterogeneity of human myelin basic protein in the formation of phosphatidylglycerol multilayers. Brady GW, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1161-5

Studies on myelin basic protein-specific protein methylase I in various dysmyelinating mutant mice. Kim S, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):468-74

On the binding of brain myelin basic protein to chromatographic resins. Riccio P, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):233-9

Hormonal and drug effects on the degradation of human myelin basic protein peptide 43-88 by alkaline proteolytic activity in the rat kidney. Trestman RL, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1231-7

Effect of bovine basic protein charge microheterogeneity on protein-induced aggregation of unilamellar vesicles containing a mixture of acidic and neutral phospholipids. Cheifetz S, et al. **Biochemistry** 1985 Apr 9;24(8):1909-14

Interaction of myelin basic protein with micelles of dodecylphosphocholine. Mendz GL, et al. **Biochemistry** 1984 Dec 4;23(25):6041-6

Interaction of myelin basic protein and polylysine with synthetic species of cerebroside sulfate. Boggs JM, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):208-20

Developmental changes of glial fibrillary acidic protein and myelin basic protein in perinatal leukomalacia: relationship to a predisposing factor. Takashima S, et al. **Brain Dev** 1984;6(5):444-50

Myelin basic protein (MBP) in human gliomas: a study of twenty-five cases. Figols J, et al. **Clin Neuropathol** 1985 May-Jun;4(3):116-20

Transplantation of CNS fragments into the brain of shiverer mutant mice: extensive myelination by implanted oligodendrocytes. I. Immunohistochemical studies. Lachapelle F, et al. **Dev Neurosci** 1983-84;6(6):325-34

In vivo phosphorylation of myelin basic proteins in developing mouse brain: evidence that phosphorylation is an early event in myelin formation. Ulmer JB, et al. **Dev Neurosci** 1983-84;6(6):345-55

Ca2+-calmodulin-dependent regulation of F-actin-myelin basic protein interaction. Barylko B, et al. **Eur J Cell Biol** 1984 Nov;35(2):327-35

Elucidation of cathepsin B-like activity associated with extracts of human myelin basic protein. Berlet HH, et al. **FEBS Lett** 1985 Jan 7;179(2):299-302

Sequential limited proteolysis of myelin basic protein by neutral protease activities of bovine brain. Berlet HH, et al. **J Neurochem** 1985 Jul;45(1):116-23

Cleavage of rabbit myelin basic protein by plasmin: isolation and identification of the major products. Law MJ, et al. **J Neurochem** 1985 Oct;45(4):1232-43

Immunoblot identification of 13.5 kilodalton myelin basic protein in goldfish brain myelin. Roots BI, et al. **J Neurochem** 1984 Nov;43(5):1421-4

Reconstituted P2/myelin-lipid multilayers. Sedzik J, et al. **J Neurochem** 1985 Sep;45(3):844-52

Phospholipid-sensitive Ca2+ -dependent protein kinase preferentially phosphorylates serine-115 of bovine myelin basic protein. Turner RS, et al. **J Neurochem** 1984 Nov;43(5):1257-64

Immunohistochemical localization of myelin basic protein in the developing optic system of trout. Jeserich G, et al. **J Neurosci Res** 1985;13(4):529-38

Myelin basic protein in the optic nerve of the developing albino rat: an immunoperoxidase study of paraffin embedded tissue. Dixon RG, et al. **Neurochem Res** 1984 Oct;9(10):1387-97

Lipid binding activities of the P2 protein in peripheral nerve myelin. Uyemura K, et al. **Neurochem Res** 1984 Oct;9(10):1509-14

PHARMACODYNAMICS

The effect of myelin basic protein on the protease inhibitors alpha 1 antitrypsin and alpha 2 macroglobulin. van der Veen RC, et al. **Acta Neurol Scand** 1985 Mar;71(3).199-205

Myelin basic protein has lectin-like properties. Ikeda K, et al. **Brain Res** 1985 Mar 11;329(1-2):105-8

Fragments of myelin basic protein derived from human brain are not mitogenic in cultures of human amniotic fluid cells and other cells. Addison GM, et al. **Horm Metab Res** 1984 Jun;16(6):311-4

Effect of lipid structure on the capacity of myelin basic protein to alter vesicle properties: potent effects of aliphatic aldehydes in promoting basic protein-induced vesicle aggregation. Epand RM, et al. **J Neurochem** 1984 Dec;43(6):1550-5

The role of myelin lipids in experimental allergic encephalomyelitis. Part 1. Influence on disease production by non-encephalitogenic doses of myelin basic protein. Hosein ZZ, et al. **J Neuroimmunol** 1984 Dec;7(2-3):163-78

Chronic-relapsing experimental autoimmune encephalomyelitis. Myelin basic protein induces suppression of blastogenesis during remissions but not during exacerbations. Lyman WD, et al. **J Neuroimmunol** 1985 Feb-Mar;7(5-6):345-53

PHYSIOLOGY

Effects of ZnCl2 on membrane interactions in myelin of normal and shiverer mice. Inouye H, et al. **Biochim Biophys Acta** 1984 Oct 3;776(2):197-208

The effect of age on the microheterogeneous pattern of human myelin basic protein. Riederer B, et al. **Gerontology** 1984;30(4):234-9

Electron microscopic immunocytochemical localization of myelin proteolipid protein and myelin basic protein to oligodendrocytes in rat brain during myelination. Schwob VS, et al. **J Neurochem** 1985 Aug;45(2):559-71

THERAPEUTIC USE

Suppression of chronic-relapsing experimental allergic encephalomyelitis in strain-13 guinea pigs by administration of liposome-associated myelin basic protein. Strejan GH, et al. **J Neuroimmunol** 1984 Nov;7(1):27-41

Treatment of experimental allergic encephalomyelitis with myelin basic protein: which route is best? Levine S, et al. **Neurochem Res** 1984 Oct;9(10):1417-21

ENCEPHALOCELE

CHEMICALLY INDUCED

Developmental toxicity of the cyanogenic glycoside linamarin in the golden hamster. Frakes RA, et al. **Teratology** 1985 Apr;31(2):241-6

Goldenhar syndrome, anterior encephalocele, and aqueductal stenosis following fetal primidone exposure. Gustavson EE, et al. **Teratology** 1985 Aug;32(1):13-7

CLASSIFICATION

[Basal encephalomeningocele in an adult—a case report and clinico-anatomical classification] Yamashita H, et al. **No Shinkei Geka** 1985 Apr;13(4):425-31 (Eng. Abstr.) **(Jpn)**

COMPLICATIONS

Anencephaly in one monoamniotic-monochorionic twin and encephalocele in the other. Putz B, et al. **Am J Med Genet** 1985 Aug;21(4):631-5

Apert syndrome with frontonasal encephalocele. Waterson JR, et al. **Am J Med Genet** 1985 Aug;21(4):777-83

Denervation in wasted hand muscles in a case of primary cerebellar ectopia without syringomyelia. Alani SM. **J Neurol Neurosurg Psychiatry** 1985 Jan;48(1):84-5

Temporal lobe encephaloceles: etiology of partial complex seizures? [letter] Rosenbaum TJ, et al. **Neurology** 1985 Feb;35(2):287-8

Hypothalamic hypopituitarism in a patient with a basal encephalocoele—treatment with luteinizing hormone-releasing hormone. Morris DV, et al. **Postgrad Med J** 1984 Sep;60(707):597-604

DIAGNOSIS

Prenatal diagnosis of Meckel syndrome: case reports and literature review. Johnson VP, et al. **Am J Med Genet** 1984 Aug;18(4):699-711

A variant of encephalomeningocele: heterotopic brain tissue on the scalp. Tanii T, et al. **Dermatologica** 1984;169(6):354-8

Fourth ventriculoceles with extracranial extension [letter] Merlob P. **J Neurosurg** 1985 Sep;63(3):479

The differential prenatal diagnosis of cystic hygromata and encephalocele by ultrasound examination. Pearce JM, et al. **JCU** 1985 Jun;13(5):317-20

Amniotic band syndrome in second trimester associated with fetal malformations. Børlum KG. **Prenat Diagn** 1984 Jul-Aug;4(4):311-4

[Prenatal diagnosis of severe neural tube defect in negative biochemical findings] Boos R, et al. **Z Geburtshilfe Perinatol** 1984 Sep-Oct;188(5):244-7 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Endaural cerebral hernia. Ramsden RT, et al. **J Laryngol Otol** 1985 Jul;99(7):643-51

Atresia of the foramen of Monro resulting in severe unilateral hydrocephalus with subfalcial herniation and infratentorial diverticulum. Oi S, et al. **Neurosurgery** 1985 Jan;16(1):103-6

The induction of microphthalmia, encephalocele, and other head defects following hyperthermia during the gastrulation process in the rat. Webster WS, et al. **Teratology** 1985 Feb;31(1):73-82

FAMILIAL & GENETIC

Meckel syndrome in different populations. Lurie IW, et al. **Am J Med Genet** 1984 Aug;18(4):661-9

[Twin pregnancy with severe skull malformation of one twin] Leucht W, et al. **Geburtshilfe Frauenheilkd** 1984 Aug;44(8):533-6 (Eng. Abstr.) **(Ger)**

OCCURRENCE

The Meckel syndrome in Finland: epidemiologic and genetic aspects. Salonen R, et al. **Am J Med Genet** 1984 Aug;18(4):691-8

[Descriptive epidemiologic study of congenital abnormalities of the central nervous system in Spain (1976-1982)] Martínez Frías ML, et al. **An Esp Pediatr** 1984 Dec;21(9):810-21 (Eng. Abstr.) **(Spa)**

PATHOLOGY

The Meckel syndrome: clinicopathological findings in 67 patients. Salonen R. **Am J Med Genet** 1984 Aug;18(4):671-89

Sphenoethmoidal encephalomeningocele and midline anomalies of face and brain. Tada M, et al. **Hokkaido Igaku Zasshi** 1985 Jan;60(1):48-56

Visceral anomalies in the Meckel syndrome. Rapola J, et al. **Teratology** 1985 Apr;31(2):193-201

RADIOGRAPHY

Transsphenoidal canal (large craniopharyngeal canal) and its pathologic implications. Currarino G, et al. **AJNR** 1985 Jan-Feb;6(1):39-43

Neuroimaging in brain swelling. Greenberg JO. **Neurol Clin** 1984 Nov;2(4):677-94

Symptomatology, evaluation and treatment of aquaductal stenosis. Avman N, et al. **Neurol Res** 1984 Dec;6(4):194-8

[A case of basal encephalomeningocele (a transethmoidal type) containing the olfactory nerve] Amagasa M, et al. **No Shinkei Geka** 1985 Mar;13(3):313-9 (Eng. Abstr.) **(Jpn)**

[Differential roentgenodiagnosis of congenital craniocerebral hernias] Kamalov II. **Zh Vopr Neirokhir** 1985 Mar-Apr;(2):40-4 (Eng. Abstr.) **(Rus)**

SURGERY

Four cases of frontal encephalomeningocele in neonates. Hayashi T, et al. **Kurume Med J** 1984;31(1):27-35

Surgical treatment of anterior nasoethmoid encephaloceles. Rommel T, et al. **Z Kinderchir** 1984 Dec;39(6):352-4

[Brain herniation (temporal lobe) into the mastoid cavity] Zhang LS, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Jun;6(3):221-2 (Eng. Abstr.) **(Chi)**

ENCEPHALOMALACIA

CHEMICALLY INDUCED

Morphologic and biochemical studies of a nitrobenzene-induced encephalopathy in rats. Morgan KT, et al. **Neurotoxicology (Little Rock Ar)** 1985 Spring;6(1):105-16

DIAGNOSIS

Neonatal periventricular leukomalacia: real-time sonographic diagnosis with CT correlation. Chow PP, et al. **AJR** 1985 Jul;145(1):155-60

[Multicystic encephalomalacia complicating neonatal herpes simplex encephalitis: clinical findings and neonatal ultrasound appearance] Tatsuno M, et al. **No To Hattatsu** 1984 Jul;16(4):322-7 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

Association of septic shock caused by early-onset group B streptococcal sepsis and periventricular leukomalacia in the preterm infant. Faix RG, et al. **Pediatrics** 1985 Sep;76(3):415-9

[Diffuse encephalomalacia in a newborn infant with septicemia complicated by disseminated intravascular coagulation] Godula-Stuglik U, et al. **Pediatr Pol** 1984 Aug;59(8):659-62 **(Pol)**

PATHOLOGY

Developmental neuropathology in bronchopulmonary dysplasia: alteration of glial fibrillary acidic protein and myelination. Takashima S, et al. **Brain Dev** 1984;6(5):451-7

Developmental changes of glial fibrillary acidic protein and myelin basic protein in perinatal leukomalacia: relationship to a predisposing factor. Takashima S, et al. **Brain Dev** 1984;6(5):444-50

Early echographic findings in non-hemorrhagic periventricular leukomalacia of the premature infant. Delaporte B, et al. **Pediatr Radiol** 1985;15(2):82-4

[Morphological picture of encephalomalacia focus in old age] Barcikowska-Litwin M. **Neuropatol Pol** 1984;22(4):563-82 (Eng. Abstr.) **(Pol)**

[Morphological characteristics of a substantia alba lesion of the cerebral hemispheres in newborn infants with periventricular leukomalacia and sepsis] Vlasiuk VV, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):494-6 (Eng. Abstr.) **(Rus)**

VETERINARY

Polioencephalomalacia in dogs with distemper encephalitis. Finnie JW, et al. **Aust Vet J** 1984 Dec;61(12):407-8

Encephalomalacia associated with hypovitaminosis E in turkey poults. Jortner BS, et al. **Avian Dis** 1985 Apr-Jun;29(2):488-98

An outbreak of cerebrocortical necrosis (polioencephalomalacia) in goats. Newsholme SJ, et al. **J S Afr Vet Assoc** 1985 Mar;56(1):37-8

Pseudorabies virus infection in piglets accompanying with the lesion of bilateral encephalomalacia. Nunoya T, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):165-9

Ataxia/paresis syndrome of sheep in West Africa associated with bilateral multifocal cerebrospinal poliomalacia. Bonniwell MA, et al. **Vet Rec** 1985 Jan 26;116(4):94–7

[Fusarium moniliforme fusariosis of maize in New Caledonia and related equine pathology: toxic leukoencephalomalacia] Domenech J, et al. **Rev Elev Med Vet Pays Trop** 1984;37(3):253–9 (Eng. Abstr.) (Fre)

ENCEPHALOMYELITIS

CHEMICALLY INDUCED

Carbon monoxide neural toxicity with report of a clinical case. Eltorai IM, et al. **Ariz Med** 1984 Nov;41(11):729–34

Acute disseminated encephalomyelitis as a complication of treatment with gold. Cohen M, et al. **Br Med J [Clin Res]** 1985 Apr 20;290(6476):1179–80

Complications of chemotherapy [clinical conference] Cairncross JG, et al. **Can J Neurol Sci** 1985 May; 12(2):149–53

DIAGNOSIS

Syncytia formation: an aid in the diagnosis of canine distemper encephalomyelitis. Summers BA, et al. **J Comp Pathol** 1985 Jul;95(3):425–35

Chronic encephalomyelitis presenting as chronic progressive myelopathy. Yamamoto T, et al. **J Neurol Neurosurg Psychiatry** 1984 Nov;47(11):1192–6

Raphe nucleus encephalopethy (myalgic encephalomyelitis, epidemic neuromyasthenia). Maurizi CP. **Med Hypotheses** 1985 Apr;16(4):351–4

Postinfectious and postvaccinial encephalomyelitis. Sriram S, et al. **Neurol Clin** 1984 May;2(2):341–53

Encephalomyeloneuritis simulating Guillain–Barré syndrome. Brashear HR, et al. **Neurology** 1985 Aug; 35(8):1146–51

Myalgic encephalomyelitis [letter] **NZ Med J** 1984 Nov 14; 97(767):782

Myalgic encephalomyelitis [letter] **NZ Med J** 1985 Jan 23; 98(771):20–1

[Conference at the Salpêtrière. Progressive cerebellar astasia, tendinous areflexia, abnormal movements and inflammatory cerebrospinal fluid in a 77–year–old woman] Lapresle J, et al. **Rev Neurol (Paris)** 1984;140(12):746–51 (Fre)

ETIOLOGY

California encephalitis virus causes subacute encephalomyelitis in an adult. Taylor MR, et al. **Arch Neurol** 1985 Jan;42(1):88–9

Myalgic encephalomyelitis hypothesis [letter] Staines D. **Med J Aust** 1985 Jul 22;143(2):91

Myalgic encephalomyelitis [letter] **NZ Med J** 1984 Oct 10; 97(765):698–9

Myalgic encephalomyelitis [letter] Gow PJ. **NZ Med J** 1984 Dec 12;97(769):868

[West Nile virus meningomyeloencephalitis—value of interferon assays in primary encephalitis] Leport C, et al. **Ann Med Interne (Paris)** 1984;135(6):460–3 (Eng. Abstr.) (Fre)

[Progressive Borrelia encephalomyelitis. Chronic manifestation of erythema chronicum migrans disease of the nervous system] Ackermann R, et al. **Dtsch Med Wochenschr** 1985 Jun 28;110(26):1039–42 (Eng. Abstr.) (Ger)

FAMILIAL & GENETIC

Host genetic regulation of acute MHV–4 viral encephalomyelitis and acute experimental autoimmune encephalomyelitis in (BALB/cKe x SJL/J) recombinant–inbred mice. Knobler RL, et al. **J Neuroimmunol** 1985 Apr;8(1):15–28

IMMUNOLOGY

Studies on the mechanism of suppression of experimental allergic encephalomyelitis induced by myelin basic protein–cell conjugates. McKenna RM, et al. **Cell Immunol** 1984 Oct 15;88(2):251–9

Serum and cells from Theiler's virus–infected mice fail to injure myelinating cultures or to produce in vivo transfer of disease. The pathogenesis of Theiler's virus–induced demyelination appears to differ from that of EAE. Barbano RL, et al. **J Neurol Sci** 1984 Nov–Dec;66(2–3):283–93

METABOLISM

Sequence homology between certain viral proteins and proteins related to encephalomyelitis and neuritis. Jahnke U, et al. **Science** 1985 Jul 19;229(4710):282–4

MICROBIOLOGY

Characterization of murine hepatitis virus (JHM) RNA from rats with experimental encephalomyelitis. Jackson DP, et al. **Virology** 1984 Sep;137(2):297–304

PATHOLOGY

Echovirus meningomyeloencephalitis with administration of intrathecal immunoglobulin. Hadfield MG, et al. **J Neuropathol Exp Neurol** 1985 Sep;44(5):520–9

Cortical subacute necrotizing encephalomyelopathy. A study of two patients with mitochondrial dysfunction. Egger J, et al. **Neuropediatrics** 1984 Aug;15(3):150–8

[Histopathology of the subacute stage of Vilyui encephalomyelitis] Avtsyn AP, et al. **Arkh Patol** 1984; 46(9):40–7 (Eng. Abstr.) (Rus)

[Biopsy data on the ultrastructural changes in the cerebral cortex in Vilyui encephalomyelitis] Avtsyn AP, et al. **Arkh Patol** 1984;46(11):28–38 (Eng. Abstr.) (Rus)

PHYSIOPATHOLOGY

Electrophysiological studies in the post–viral fatigue syndrome. Jamal GA, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):691–4

THERAPY

Echovirus encephalitis/myositis in X–linked agammaglobulinemia [letter] Mease PJ, et al. **N Engl J Med** 1985 Sep 19;313(12):758

[Ascending polyneuroradiculitis following swine brain implant in a patient with encephalomyelitis disseminata] Kiefer H, et al. **Nervenarzt** 1984 Aug;55(8):422–5 (Ger)

VETERINARY

Protozoal myeloencephalitis in horses in California. Dorr TE, et al. **J Am Vet Med Assoc** 1984 Oct 1;185(7):801–2

Lentiviral diseases of sheep and goats: chronic pneumonia leukoencephalomyelitis and arthritis. Narayan O, et al. **Rev Infect Dis** 1985 Jan–Feb;7(1):89–98 (58 ref.)

Nonsuppurative meningoencephalomyelitis of unknown etiology in mink. Schmitz JA, et al. **Vet Pathol** 1985 Mar; 22(2):112–6

Presumptive protozoan (sarcocystis) encephalomyelitis with paresis in lambs. Stubbings DP, et al. **Vet Rec** 1985 Apr 6;116(14):373–4

Isolation of pigeon herpes encephalomyelitis virus in Saudi Arabia. Shalaby MA, et al. **Vet Res Commun** 1985 Jul; 9(3):239–244

ENCEPHALOMYELITIS, ALLERGIC

see related
ENCEPHALITOGENIC BASIC PROTEINS

CHEMICALLY INDUCED

The role of myelin lipids in experimental allergic encephalomyelitis. Part 1. Influence on disease production by non–encephalitogenic doses of myelin basic protein. Hosein ZZ, et al. **J Neuroimmunol** 1984 Dec;7(2–3):163–78

Production of experimental allergic encephalomyelitis with the aid of pertussigen in mouse strains considered genetically resistant. Munoz JJ, et al. **J Neuroimmunol** 1984 Dec;7(2–3):91–6

Chronic experimental allergic encephalomyelitis in guinea pigs induced by proteolipid protein. Yoshimura T, et al. **J Neurol Sci** 1985 May–Jun;69(1–2):47–58

Experimental autoimmune encephalomyelitis. Augmentation of demyelination by different myelin lipids. Moore GR, et al. **Lab Invest** 1984 Oct;51(4):416–24

DRUG THERAPY

Omega–6 and omega–3 polyunsaturates and the immune system. Mertin J. **Br J Clin Pract [Symp Suppl]** 1984; 31:111–4

Low–molecular–weight enzyme inhibitors suppress the development of experimental allergic encephalomyelitis. Aoyagi T, et al. **Experientia** 1984 Dec 15;40(12):1405–7

Inhibition of autoimmune neuropathological process by treatment with an iron–chelating agent. Bowern N, et al. **J Exp Med** 1984 Nov 1;160(5):1532–43

Suppression of chronic–relapsing experimental allergic encephalomyelitis in strain–13 guinea pigs by administration of liposome–associated myelin basic protein. Strejan GH, et al. **J Neuroimmunol** 1984 Nov;7(1):27–41

Experimental allergic encephalomyelitis in guinea pigs. Influence of thymosin fraction V on the disease. Woyciechowska J, et al. **J Neuroimmunol** 1985 Jan; 7(4):215–9

Treatment of experimental allergic encephalomyelitis with myelin basic protein: which route is best? Levine S, et al. **Neurochem Res** 1984 Oct;9(10):1417–21

Suppression of experimental allergic encephalomyelitis (EAE) with liposome–encapsulated protease inhibitor: therapy through the blood–brain barrier. Osanai T, et al. **Neurochem Res** 1984 Oct;9(10):1407–16

Prazosin, an alpha 1–adrenergic receptor antagonist, suppresses experimental autoimmune encephalomyelitis in the Lewis rat. Brosnan CF, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5915–9

ENZYMOLOGY

Localization of four lysosomal proteases in experimental allergic encephalomyelitis. Stauber WT. **Prog Clin Biol Res** 1985;180:251–3

[Changes of lysosomal enzyme activities in experimental type I and type IV allergic models] Inoue H, et al. **Nippon Yakurigaku Zasshi** 1985 Feb;85(2):91–5 (Eng. Abstr.) (Jpn)

ETIOLOGY

Experimental autoimmune demyelination. Chronic relapsing models and their therapeutic implications for multiple sclerosis. Raine CS, et al. **Ann NY Acad Sci** 1984;436:33–51

The nature of the defect in experimental allergic encephalomyelitis (EAE)–resistant Lewis (Le–R) rats. Driscoll BF, et al. **J Immunol** 1985 Mar;134(3):1567–70

Enhancement of encephalomyeloradiculitis in mice sensitized with spinal cord tissue and infected with lactate dehydrogenase–elevating virus. Stroop WG, et al. **J Neuroimmunol** 1985 May;8(2–3):79–92

Influence of inappropriate diet during development on the susceptibility to experimental allergic encephalomyelitis. Wender M, et al. **Neuropatol Pol** 1985;23(1):129–44

[Allergic encephalopathy in scleroderma: a case report] Zhang ZX. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Apr; 18(2):111–3 (Eng. Abstr.) (Chi)

[Pathogenesis of experimental allergic encephalomyelitis] Iarosh AA, et al. **Vrach Delo** 1985 Apr;(4):94–5 (Eng. Abstr.) (Rus)

FAMILIAL & GENETIC

Host genetic regulation of acute MHV–4 viral encephalomyelitis and acute experimental autoimmune encephalomyelitis in (BALB/cKe x SJL/J) recombinant–inbred mice. Knobler RL, et al. **J Neuroimmunol** 1985 Apr;8(1):15–28

IMMUNOLOGY

Preliminary analysis of cell and serum–induced demyelination in vitro using a syngeneic system. Röyttä M, et al. **Acta Neurol Scand** 1985 Mar;71(3):226–36

Adoptive transfer of murine relapsing experimental allergic encephalomyelitis. Lublin FD. **Ann Neurol** 1985 Feb; 17(2):188–90

Contamination of proteolipid protein with basic protein [letter] Trotter JL, et al. **Ann Neurol** 1984 Oct;16(4):514

Experimental allergic encephalomyelitis in the chicken. Class–specific antibody to myelin basic protein, the ability of T cells to cause GvH reaction, brain and spleen histology, and nonspecific biochemical indicators of inflammation. Błaszczyk B, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(6):703–9

Expression of Ia molecules by astrocytes during acute experimental allergic encephalomyelitis in the Lewis rat. Hickey WF, et al. **Cell Immunol** 1985 Apr 1;91(2):528–35

The acquisition of encephalitogenicity after sensitized cells are conditioned with myelin basic protein or concanavalin A. Levine S, et al. **Cell Immunol** 1985 Feb;90(2):599–604

Gangliosides inhibit phenotypic and functional properties of an encephalitogenic T–helper lymphocyte line. Offner H, et al. **Cell Immunol** 1985 Oct 1;95(1):84–94

Acute experimental allergic encephalomyelitis in the mouse: immunopathology of the developing lesion. Traugott U, et al. **Cell Immunol** 1985 Mar;91(1):240–54

Reactivation of allergic encephalomyelitis by means of allogeneic confrontation. Willenborg DO, et al. **Cell Immunol** 1985 Feb;90(2):614–9

The effect of sensitization of pregnant Lewis rats with encephalitogen on the subsequent susceptibility of their offspring to allergic encephalomyelitis. Mertin LA, et al. **Immunology** 1985 Feb;54(2):381–8

Interferon in experimental autoimmune encephalomyelitis (EAE): effects of exogeneous interferon on the antigen–enhanced adoptive transfer of EAE. Abreu SL. **Int Arch Allergy Appl Immunol** 1985;76(4):302–7

Susceptibility and resistance to experimental autoimmune encephalomyelitis and neuritis in the guinea pig correlate with the induction of procoagulant and anticoagulant activities. Geczy CL, et al. **J Immunol** 1984 Dec; 133(6):3026–36

Neural antigens and the development of autoimmunity. Hashim GA. **J Immunol** 1985 Aug;135(2 Suppl):838s–842s

Lyt–1 cells mediate acute murine experimental allergic encephalomyelitis. Hauser SL, et al. **J Immunol** 1984 Nov; 133(5):2288–90

Redistribution of Lyt–bearing T cells in acute murine experimental allergic encephalomyelitis: selective migration of Lyt–1 cells to the central nervous system is associated with a transient depletion of Lyt–1 cells in peripheral blood. Hauser SL, et al. **J Immunol** 1984 Dec;133(6):3037–42

Specificity of oligoclonal IgG bands in sera from chronic relapsing experimental allergic encephalomyelitis guinea pigs. Mehta PD, et al. **J Immunol** 1985 Apr;134(4):2338–42

The immunopathology of experimental allergic encephalomyelitis (EAE). III. Differential in situ expression of strain 13 Ia on endothelial and inflammatory cells of (strain 2 x strain 13)F1 guinea pigs with EAE. Sobel RA, et al. **J Immunol** 1985 Apr;134(4):2333–7

A myelin basic protein–specific T lymphocyte line that mediates experimental autoimmune encephalomyelitis. Vandenbark AA, et al. **J Immunol** 1985 Jul;135(1):223–8

Correlation between 2',3'–cyclic nucleotide 3'–phosphohydrolase activity and demyelination in vitro using a syngeneic system. Roth GA, et al. **J Neurochem** 1985 Feb;44(2):654–7

Chronic–relapsing experimental autoimmune encephalomyelitis. Myelin basic protein induces suppression of blastogenesis during remissions but not during exacerbations. Lyman WD, et al.

J Neuroimmunol 1985 Feb–Mar;7(5–6):345–53

In vitro synthesis of immunoglobulins and autoantibodies by lymphocytes from various body compartments during chronic relapsing experimental allergic encephalomyelitis. Olsson T, et al. **J Neuroimmunol** 1985 Sep;9(5):293–305

Regulation of experimental allergic encephalomyelitis. Part 5. Role of the recipient in suppressor cell induction. Pesoa SA, et al. **J Neuroimmunol** 1984 Dec;7(2–3):131–5

Myelin basic protein–specific T cell lines and clones derived from SJL/J mice with experimental allergic encephalomyelitis. Richert JR, et al. **J Neuroimmunol** 1985 May;8(2–3):129–39

Ia restriction of murine encephalitogenic T–cell lines in vitro and in vivo. Sakai K, et al. **J Neuroimmunol** 1985 Sep; 9(5):281–91

Serum antibodies against glycosphingolipids in chronic relapsing experimental allergic encephalomyelitis. Demonstration by ELISA and relation to serum in vivo demyelinating activity. Schwerer B, et al. **J Neuroimmunol** 1984 Dec;7(2–3):107–19

Serum and cells from Theiler's virus–infected mice fail to injure myelinating cultures or to produce in vivo transfer of disease. The pathogenesis of Theiler's virus–induced demyelination appears to differ from that of EAE. Barbano RL, et al. **J Neurol Sci** 1984 Nov–Dec;66(2–3):283–93

Role of complement in demyelination in vitro by multiple sclerosis serum and other neurological disease sera. Bradbury K, et al. **J Neurol Sci** 1984 Sep;65(3):293–305

Fine structure of astrocytic processes during serum–induced demyelination in vitro. Kusaka H, et al. **J Neurol Sci** 1985 Jul;69(3):255–67

Humoral immune responses to myelin basic protein, cerebroside and ganglioside in chronic relapsing experimental allergic encephalomyelitis of the guinea pig. Tabira T, et al. **J Neurol Sci** 1985 Feb;67(2):201–12

Necessity of continuous antigenic stimulation by the locally retained antigens in chronic relapsing experimental allergic encephalomyelitis. Tabira T, et al. **J Neurol Sci** 1984 Oct; 66(1):97–106

Adoptive transfer of experimental allergic encephalomyelitis with lectin–activated spleen cells. Takenaka A, et al. **J Neurol Sci** 1984 Nov–Dec;66(2–3):255–61

Experimental allergic encephalomyelitis in mice: adoptive transfer of disease is modulated by the presence of natural suppressor cells. Montgomery IN, et al. **Neurochem Res** 1984 Oct;9(10):1399–406

Relevance of experimental allergic encephalomyelitis to multiple sclerosis. Arnason BG. **Neurol Clin** 1983 Aug; 1(3):765–82

Prevention of experimental allergic encephalomyelitis by anterior hypothalamic lesion in rats. Wertman E, et al. **Neurology** 1985 Oct;35(10):1468–70

Anti–myelin basic protein antibody in experimental allergic optic neuritis and encephalomyelitis. Robin JB, et al. **Ophthalmic Res** 1985;17(3):174–80

Induction of experimental allergic encephalomyelitis in Lewis rats with purified synthetic peptides: delineation of antigenic determinants for encephalitogenicity, in vitro activation of cellular transfer, and proliferation of lymphocytes. Mannie MD, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5515–9

[Immunological analysis by using animal models of multiple sclerosis—acute and chronic relapsing EAE] Tabira T. **Rinsho Shinkeigaku** 1984 Dec;24(12):1229–31 (Eng. Abstr.) **(Jpn)**

[Mechanisms of demyelination—acute and chronic relapsing experimental allergic encephalomyelitis] Namikawa T, et al. **Tanpakushitsu Kakusan Koso** 1984 Dec;29(14):1723–34 (105 ref.) **(Jpn)**

[Role of neuroallergy in the pathogenesis of multiple sclerosis] Vilkov GA, et al. **Zh Nevropatol Psikhiatr** 1985; 85(2):206–9 (Eng. Abstr.) **(Rus)**

METABOLISM

Immunocytochemical study of myelin–associated glycoprotein (MAG), basic protein (BP), and glial fibrillary acidic protein (GFAP) in chronic relapsing experimental allergic encephalomyelitis (EAE). Webster HD, et al. **Acta Neuropathol (Berl)** 1985;65(3–4):177–89

Correlation between prostaglandin and thromboxane levels and clinical signs in cyclosporine A–treated guinea pigs with acute experimental allergic encephalomyelitis. Bolton C, et al. **Immunopharmacology** 1985 Jun;9(3):147–53

DNA changes in spinal cords of rats with experimental allergic encephalomyelitis. Smith ME, et al. **J Neurochem** 1984 Dec;43(6):1635–41

[Lipid peroxidation in experimental allergic encephalomyelitis] Stepanenko EM, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):336–8 (Eng. Abstr.) **(Rus)**

[Cholesterol esters in the supernatant fraction of the brain of guinea pigs with experimental allergic encephalomyelitis] Mézeš V, et al. **Bratisl Lek Listy** 1984 Oct;82(4):1161–8 (Eng. Abstr.) **(Slo)**

PATHOLOGY

Canine distemper and experimental allergic encephalomyelitis in the dog: comparative patterns of demyelination. Summers BA, et al. **J Comp Pathol** 1984 Oct;94(4):575–89

Pregnancy and the susceptibility of Lewis rats to experimental allergic encephalomyelitis. Mertin LA, et al. **J Neurol Sci** 1985 Apr;68(1):15–24

Survival of oligodendrocytes in chronic relapsing experimental autoimmune encephalomyelitis. Moore GR, et al. **J Neurol Sci** 1984 Aug;65(2):137–45

Adoptively transferred chronic relapsing experimental autoimmune encephalomyelitis in the mouse. Neuropathologic analysis. Raine CS, et al. **Lab Invest** 1984 Nov;51(5):534–46

[Adjuvant potential of vitamin E in the induction of experimental allergic encephalomyelitis: histological aspects] Felaco M, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1629–33 (Eng. Abstr.) **(Ita)**

[Neurologic manifestations and periaxonal demyelination in the central nervous system in different forms of experimental allergic encephalomyelitis] Khizhniak MG, et al. **Zh Nevropatol Psikhiatr** 1985;85(4):545–9 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Physiological abnormalities in experimental allergic encephalomyelitis (EAE): II. Correlation between clinical signs and vestibular hyperreactivity and other signs of brain–stem dysfunction in rats with EAE. Brinkman CJ, et al. **Acta Neurol Scand** 1984 Sep;70(3):155–9

The pathophysiology of acute experimental allergic encephalomyelitis in the rabbit. Pender MP, et al. **Brain** 1984 Sep;107 (Pt 3):699–726

Effect of splenectomy on the development of experimental autoimmune encephalomyelitis in rats with different genetic background. Källén B, et al. **Int Arch Allergy Appl Immunol** 1985;76(3):200–4

Autoimmune encephalomyelitis and hemorrhagic retinal disease in neonatal, infant, juvenile, and adult monkeys. Lerner EM 2d, et al. **J Neuroimmunol** 1985 Feb–Mar; 7(5–6):299–313

Reinduction of experimental allergic encephalomyelitis in convalescent Lewis rats with cyclophosphamide. Miyazaki C, et al. **J Neurol Sci** 1985 Mar;67(3):277–84

[Experimental allergic encephalomyelitis] Juhler M. **Ugeskr Laeger** 1985 Jan 21;147(4):253–5 (Eng. Abstr.) **(Dan)**

PREVENTION & CONTROL

Suppression of experimental allergic encephalomyelitis by mitoxantrone. Ridge SC, et al. **Clin Immunol Immunopathol** 1985 Apr;35(1):35–42

Unresponsiveness to experimental allergic encephalomyelitis in Lewis rats pretreated with complete Freund's adjuvant. Hempel K, et al. **Int Arch Allergy Appl Immunol** 1985; 76(3):193–9

Experimental allergic encephalomyelitis: prevention by electrical lesion in the anterior hypothalamus in rats. Wertman E, et al. **Isr J Med Sci** 1985 Jan;21(1):72–3

Pretreatment with antigen or adjuvant, and the preventability of allergic encephalomyelitis induced by basic protein with synthetic muramyl dipeptide in comparison with Freund's complete adjuvant. Mitsuzawa E, et al. **Jpn J Exp Med** 1984 Jun;54(3):97–107

[Protective action of antioxidant preparations on the development of experimental allergic encephalomyelitis in guinea pigs] Kryzhanovskiĭ GN, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):527–30 (Eng. Abstr.) **(Rus)**

SURGERY

Thymectomy and chronic relapsing experimental allergic encephalomyelitis in guinea pigs. Flechter S, et al. **Arch Neurol** 1984 Nov;41(11):1158–60

THERAPY

Modulation of experimental allergic encephalomyelitis in Lewis rats by monoclonal anti–T cell antibodies. Brinkman CJ, et al. **J Neuroimmunol** 1985 Jan;7(4):231–8

Immunomodulation of relapsing experimental allergic encephalomyelitis. Lublin FD. **Neurology** 1984 Dec; 34(12):1615–7

Reversal of experimental allergic encephalomyelitis with monoclonal antibody to a T–cell subset marker. Waldor MK, et al. **Science** 1985 Jan 25;227(4685):415–7

ENCEPHALOMYELITIS, EQUINE

DIAGNOSIS

Venezuelan equine encephalomyelitis: report of an outbreak associated with jungle exposure. Sanchez JL, et al. **Milit Med** 1984 Nov;149(11):618–21

IMMUNOLOGY

Role of complement and the Fc portion of immunoglobulin G in immunity to Venezuelan equine encephalomyelitis virus infection with glycoprotein–specific monoclonal antibodies. Mathews JH, et al. **J Virol** 1985 Sep; 55(3):594–600

OCCURRENCE

Leads from the MMWR. Arboviral infections of the central nervous system—United States, 1984. **JAMA** 1985 Jun 14; 253(22):3231–3

PATHOLOGY

Human eastern equine encephalitis. Electron microscopic study of a brain biopsy. Kim JH, et al. **Am J Clin Pathol** 1985 Aug;84(2):223–7

The systemic pathology of Venezuelan equine encephalitis virus infection in humans. de la Monte S, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):194–202

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 50–1984. A 53–year–old man with fever and rapid neurologic deterioration. **N Engl J Med** 1984 Dec 13;311(24):1559–66

TRANSMISSION

Studies on the transmission of Venezuelan equine encephalitis virus by Colombian simuliidae (Diptera). Homan EJ, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):799–804

ENCEPHALOMYELITIS, EXPERIMENTAL ALLERGIC see **ENCEPHALOMYELITIS, ALLERGIC**

ENCEPHALOMYELITIS, NECROTIZING HEMORRHAGIC see under **ENCEPHALOMYELITIS**

ENCEPHALOMYELITIS, VENEZUELAN EQUINE see under **ENCEPHALOMYELITIS, EQUINE**

ENCEPHALOMYELITIS VIRUS, MURINE see under **ENTEROVIRUSES**

ENCEPHALOMYOCARDITIS VIRUSES

DRUG EFFECTS

Disparate response of encephalomyocarditis virus and MM virus to interferon in JLS–V9R cells. Czarniecki CW, et al. **Antiviral Res** 1984 Dec;4(6):351–5

[Action of human leukocyte and immune interferons on the reproduction and cytopathogenic effect of the encephalomyocarditis virus in mice] Mentkevich LM, et al. **Vopr Virusol** 1984 Sep–Oct;29(5):582–5 (Eng. Abstr.) **(Rus)**

GENETICS

Encephalomyocarditis virus RNA synthesis in vitro is protein–primed. Vartapetian AB, et al. **EMBO J** 1984 Nov; 3(11):2593–8

The reversion of temperature–sensitive mutants of encephalomyocarditis virus upon serial passage in three continuous cell lines. Radloff RJ. **J Gen Virol** 1985 Feb; 66 (Pt 2):367–71

Shutoff of host translation by encephalomyocarditis virus infection does not involve cleavage of the eucaryotic initiation factor 4F polypeptide that accompanies poliovirus infection. Mosenkis J, et al. **J Virol** 1985 May;54(2):643–5

Primary structural comparison of RNA–dependent polymerases from plant, animal and bacterial viruses. Kamer G, et al. **Nucleic Acids Res** 1984 Sep 25; 12(18):7269–82

[The nucleotide sequence of the 3'–terminal region of encephalomyocarditis virus RNA] Grachev SA, et al. **Bioorg Khim** 1983 Jul;9(7):986–9 (Eng. Abstr.) **(Rus)**

[Nucleotide sequence of the 3'–terminus of encephalomyocarditis virus RNA] Petrov NA, et al. **Bioorg Khim** 1984 Feb;10(2):274–9 (Eng. Abstr.) **(Rus)**

[Heterogeneity of the poly(C) tract of encephalomyocarditis virus RNA] Svitkin IuV, et al. **Bioorg Khim** 1983 Dec; 9(12):1638–43 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Analogue inhibitor of 2–5A action: effect on the interferon–mediated inhibition of encephalomyocarditis virus replication. Watling D, et al. **EMBO J** 1985 Feb; 4(2):431–6

IMMUNOLOGY

Alterations in immunological reactivity in encephalomyocarditis virus–induced murine diabetes. I. Defective primary IgM plaque forming cell responses to sheep erythrocytes: correction by islet cell transplantation. Handwerger BS, et al. **Clin Exp Immunol** 1985 Apr; 60(1):145–50

Role of sex and early interferon production in the susceptibility of mice to encephalomyocarditis virus. Pozzetto B, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):701–9

METABOLISM

Cell cycle position and expression of encephalomyocarditis virus in mouse embryo fibroblasts. Mallucci L, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1501–6

Double–stranded RNA–dependent protein kinase and 2–5A system are both activated in interferon–treated, encephalomyocarditis virus–infected HeLa cells. Rice AP, et al. **J Virol** 1985 Jun;54(3):894–8

PATHOGENICITY

Encephalomyocarditis virus and diabetes mellitus: studies on virus mutants in susceptible and non–susceptible mice. Kruppenbacher JP, et al. **J Gen Virol** 1985 Apr;66 (Pt

4):727–32

PHYSIOLOGY

Encephalomyocarditis virus replication complexes preferentially utilizing nucleoside diphosphates as substrates for viral RNA synthesis. Nucleotide kinases specifically associated with the complex channel RNA precursor. Koonin EV, et al. **Eur J Biochem** 1984 Oct 15; 144(2):249–54

Different pH requirements for entry of the two picornaviruses, human rhinovirus 2 and murine encephalomyocarditis virus. Madshus IH, et al. **Virology** 1984 Dec;139(2):346–57

ENCHONDROMATOSIS see under **OSTEOCHONDRODYSPLASIAS**

ENCOPRESIS

Encopresis. Johns C. **Am J Nurs** 1985 Feb;85(2):153–6

Encopresis. Schmitt BD. **Primary Care** 1984 Sep; 11(3):497–511

DIAGNOSIS

[Clinical aspects and treatment of functional fecal incontinence in children] Gachechiladze TV, et al. **Pediatriia** 1985 Jun;(6):42–4 (Rus)

ETIOLOGY

[Encopresis, a symptom of multifactor etiology (letter)] Bonde E. **Ugeskr Laeger** 1984 Apr 30;146(18):1374–5 (Dan)

PSYCHOLOGY

Childhood psychiatric disorders with physical manifestations. Hussain SA. **Indian J Pediatr** 1984 Mar–Apr;51(409):205–16

[Predictive value of multiaxial diagnosis for the latter social adjustment of childhood encopresis patients] Geissler W. **Nervenarzt** 1985 May;56(5):275–8 (Ger)

[Coping behavior in children with encopresis] Reinhard HG. **Prax Kinderpsychol Kinderpsychiatr** 1985 Jul;34(5):183–7 (Eng. Abstr.) (Ger)

THERAPY

A treatment programme for faecal incontinence. Wakefield MA, et al. **Dev Med Child Neurol** 1984 Oct;26(5):613–6

A wolf in sheep's clothing? Simultaneous use of structural family therapy and behavior modification in a case of encopresis and enuresis. Rydzinski JW, et al. **Hillside J Clin Psychiatry** 1985;7(1):71–81

Treatment of constipation–caused encopresis by a negative reinforcement procedure. Rolider A, et al. **J Behav Ther Exp Psychiatry** 1985 Mar;16(1):67–70

Habit training as treatment of encopresis secondary to chronic constipation. Lowery SP, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):397–401

Diagnosis and management of constipation and encopresis in childhood. Perkins M, et al. **Tex Med** 1985 Jan;81(1):40–2

ENDAMOEBA HISTOLYTICA see **ENTAMOEBA HISTOLYTICA**

ENDARTERECTOMY

Carotid endarterectomy in the awake patient. Connolly JE. **Am J Surg** 1985 Jul;150(1):159–65

Incidence of recurrent or residual stenosis after carotid endarterectomy. Keagy BA, et al. **Am J Surg** 1985 Jun; 149(6):722–5

Incidence of recurrent stenosis after carotid endarterectomy determined by digital subtraction angiography. Pierce GE, et al. **Am J Surg** 1984 Dec;148(6):848–54

Carotid endarterectomy. One solution to the stroke problem. Bunt TJ, et al. **Am Surg** 1985 Feb;51(2):61–9

Experience with barbiturate therapy for cerebral protection during carotid endarterectomy. McMeniman WJ, et al. **Ann R Coll Surg Engl** 1984 Sep;66(5):361–4

Recurrent carotid stenosis. A five–year series of 65 reoperations. Das MB, et al. **Ann Surg** 1985 Jul;202(1):28–35

Endarterectomy and restenosis [letter] Colgan MP, et al. **Arch Surg** 1985 Sep;120(9):1088

Internal iliac artery revascularization in the treatment of vasculogenic impotence. Flanigan DP, et al. **Arch Surg** 1985 Mar;120(3):271–4

Restenosis following carotid endarterectomy. Evaluation by duplex ultrasonography. Glover JL, et al. **Arch Surg** 1985 Jun;120(6):678–84

Correlation of B–mode ultrasound imaging and arteriography with pathologic findings at carotid endarterectomy. O'Donnell TF Jr, et al. **Arch Surg** 1985 Apr;120(4):443–9

EEG changes during carotid endarterectomy: drug effect and embolism. Grundy BL, et al. **Br J Anaesth** 1985 Apr; 57(4):445–7

Asymptomatic carotid stenosis: is prophylactic endarterectomy justifiable? Colgan MP, et al. **Br J Surg** 1985 Apr;72(4):313–4

Experimental arteriosclerosis treated by argon ion and neodymium–YAG laser endarterectomy. Eugene J, et al. **Circulation** 1985 Sep;72(3 Pt 2):II200–6

Neuropsychological impairment after carotid endarterectomy correlates with intraoperative ischemia. Cushman L, et al. **Cortex** 1984 Sep;20(3):403–12

Neuropsychological functions after carotid endarterectomy. Diener HC, et al. **Eur Arch Psychiatry Neurol Sci** 1984; 234(1):74–7

Intracerebral hemorrhage after carotid endarterectomy. Biller J, et al. **Henry Ford Hosp Med J** 1984;32(3):197–203

A perspective on carotid endarterectomy. Hachinski V. **Int Anesthesiol Clin** 1984 Fall;22(3):189–93

Monitoring of evoked responses during carotid endarterectomy and extracranial–intracranial anastomosis. Lam AM, et al. **Int Anesthesiol Clin** 1984 Fall;22(3):107–12

Intraoperative monitoring and use of the internal shunt during carotid endarterectomy. Quinones–Baldrich WJ, et al. **Int Surg** 1984 Jul–Sep;69(3):207–13

Stenosis following carotid endarterectomy. Colgan MP, et al. **J Cardiovasc Surg (Torino)** 1985 May–Jun;26(3):300–2

Surgical treatment of patients with a carotid artery occlusion and a contralateral stenosis. Hammacher ER, et al. **J Cardiovasc Surg (Torino)** 1984 Nov–Dec;25(6):513–7

Endarterectomy of the left coronary system. Analysis of a 10 year experience. Qureshi SA, et al. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):852–9

Carotid endarterectomy and completion contact arteriography. Alpert J, et al. **J Vasc Surg** 1984 Jul; 1(4):548–54

Carotid endarterectomy in the stroke patient: computerized axial tomography to determine timing. Dosick SM, et al. **J Vasc Surg** 1985 Jan;2(1):214–9

The role of carotid duplex scanning in surgical decision making. Flanigan DP, et al. **J Vasc Surg** 1985 Jan;2(1):15–25

Timing of carotid artery endarterectomy after stroke. Giordano JM, et al. **J Vasc Surg** 1985 Mar;2(2):250–5

Noninvasive carotid artery evaluation following endarterectomy. Gonzalez LL, et al. **J Vasc Surg** 1984 May; 1(3):403–8

External carotid endarterectomy. Halstuk KS, et al. **J Vasc Surg** 1984 May;1(3):398–402

Cumulative stroke and survival ten years after carotid endarterectomy. Hertzer NR, et al. **J Vasc Surg** 1985 Sep; 2(5):661–8

The risk of vascular surgery in a metropolitan community. With observations on surgeon experience and hospital size. Hertzer NR, et al. **J Vasc Surg** 1984 Jan;1(1):13–21

Late survival after carotid endarterectomy for transient ischemic attacks. Lord RS. **J Vasc Surg** 1984 Jul;1(4):512–9

Carotid endarterectomy after a completed stroke: reduction in long–term neurologic deterioration. McCullough JL, et al. **J Vasc Surg** 1985 Jan;2(1):7–14

Influence of the contralateral carotid artery on neurologic complications following carotid endarterectomy. Moore DJ, et al. **J Vasc Surg** 1984 May;1(3):409–14

Carotid endarterectomy. Relationship of outcome to early restenosis. Nicholls SC, et al. **J Vasc Surg** 1985 May; 2(3):375–81

Carotid endarterectomy for nonhemispheric symptoms: predictors of success. Ouriel K, et al. **J Vasc Surg** 1984 Mar;1(2):339–45

Use of oculopneumoplethysmography (OPG–Gee) following carotid endarterectomy. Ricotta JJ, et al. **J Vasc Surg** 1985 May;2(3):415–8

Is routine angiography necessary prior to carotid endarterectomy? Ricotta JJ, et al. **J Vasc Surg** 1984 Jan; 1(1):96–102

Natural history of carotid artery disease on the side contralateral to endarterectomy. Roederer GO, et al. **J Vasc Surg** 1984 Jan;1(1):62–72

Early carotid endarterectomy in patients with small, fixed neurologic deficits. Whittemore AD, et al. **J Vasc Surg** 1984 Nov;1(6):795–9

Intraoperative assessment of carotid endarterectomy. Zierler RE, et al. **J Vasc Surg** 1984 Jan;1(1):73–83

Moderate hypothermia during carotid endarterectomy. Baraka A, et al. **Middle East J Anaesthesiol** 1984 Feb; 7(4):239–44

Carotid endarterectomy. Robertson JT. **Neurol Clin** 1983 Feb;1(1):119–29

Percutaneous transluminal angioplasty of the carotid artery. Its application to post surgical stenosis. Numaguchi Y, et al. **Neuroradiology** 1984;26(6):527–30

Treatment of tandem lesions of the extracranial carotid artery. Pritz MB, et al. **Neurosurgery** 1984 Aug;15(2):233–6

Microsurgical carotid endarterectomy in rats. Sasaki T, et al. **Neurosurgery** 1984 Nov;15(5):683–9

Time course of thrombotic changes after microsurgical carotid endarterectomy in the rat. Spallone A, et al. **Neurosurgery** 1985 Jun;16(6):773–9

Effect of antithrombotic agents after carotid endarterectomy in rats. Spallone A, et al. **Neurosurgery** 1985 Jun;16(6):780–5

Carotid endarterectomy: does it improve cognitive or motor functioning? van den Burg W, et al. **Psychol Med** 1985 May;15(2):341–6

Carotid endarterectomy [editorial] Harrison MJ. **Q J Med** 1985 Jun;55(218):189–90

Carotid endarterectomy—an expression of concern [editorial] Barnett HJ, et al. **Stroke** 1984 Nov–Dec;15(6):941–3

The practice of carotid endarterectomy in a large metropolitan area. Brott T, et al. **Stroke** 1984 Nov–Dec; 15(6):950–5

The case against surgery for asymptomatic carotid stenosis. Chambers BR, et al. **Stroke** 1984 Nov–Dec;15(6):964–7

The rationale for patch–graft angioplasty after carotid endarterectomy: early and long–term follow–up. Deriu GP, et al. **Stroke** 1984 Nov–Dec;15(6):972–9

The performance of endarterectomy for disease of the extracranial arteries of the head. Dyken ML, et al. **Stroke** 1984 Nov–Dec;15(6):948–50

Outcome of surgical treatment of 110 patients with transient ischemic attack. Muuronen A. **Stroke** 1984 Nov–Dec; 15(6):959–64

Review of a community hospital experience with carotid endarterectomy. Slavish LG, et al. **Stroke** 1984 Nov–Dec; 15(6):956–9

Carotid endarterectomy: does it work? Warlow C. **Stroke** 1984 Nov–Dec;15(6):1068–76 (84 ref.)

A technique for intraoperative arteriography following carotid endarterectomy. McCready RA, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):367–8

Asymptomatic cervical bruit and abnormal ocular pneumoplethysmography: a prospective study comparing two approaches to management. Clagett GP, et al. **Surgery** 1984 Nov;96(5):823–30

Carotid endarterectomy in a metropolitan community: comparison of results from three institutions. Krupski WC, et al. **Surgery** 1985 Sep;98(3):492–9

Iliac endarterectomy with crossover ileofemoral bypass grafting for bilateral iliac artery stenosis. Lawrence PF, et al. **Surgery** 1985 May;97(5):621–5

Oscillating loop endarterectomy for peripheral vascular reconstruction. Lerwick ER. **Surgery** 1985 May; 97(5):574–84

Does contralateral carotid occlusion influence neurologic fate of carotid endarterectomy? Sachs SM, et al. **Surgery** 1984 Nov;96(5):839–44

Early restenosis after carotid endarterectomy. van Berge Henegouwen DP, et al. **Vasa** 1985;14(1):55–8

[Carotid stenosis surgery: results after 10 years' experience] De Vleeschauwer P, et al. **Acta Chir Belg** 1984 Nov–Dec; 84(6):333–8 (Eng. Abstr.) (Dut)

[Relation between intracranial pressure and residual carotid artery pressure during carotid clamping] Chacornac R, et al. **Agressologie** 1984 May;25(6):691–6 (Eng. Abstr.) (Fre)

[The fate of patients with carotid stenosis. Comparative study, based on the literature, of their natural history and evolution under medical treatment or following endarterectomy] Ninet J, et al. **J Mal Vasc** 1985;10 Suppl A:149–59 (43 ref.) (Eng. Abstr.) (Fre)

[Late results following carotid endarterectomy] Tuchmann A, et al. **Langenbecks Arch Chir** 1984;363(2):111–9 (Eng. Abstr.) (Ger)

[Early postoperative morphology of the carotid artery following endarterectomy: systematic prospective studies with a high resolution ultrasound real–time imaging system] Marosi L, et al. **Ultraschall Med** 1984 Oct;5(5):202–14 (Eng. Abstr.) (Ger)

[Cerebral protection in surgery of the carotid arteries] Parravicini R, et al. **Chir Ital** 1983 Oct;35(5):726–32 (Eng. Abstr.) (Ita)

[A case of simultaneous carotid endarterectomy and coronary artery revascularization] Sugimura S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Apr;32(4):546–51 (Eng. Abstr.) (Jpn)

[Surgical angioplasty of the ostium of the left coronary artery. A case report] de Carvalho RG, et al. **Arq Bras Cardiol** 1984 May;42(5):355–60 (Eng. Abstr.) (Por)

[Endarterectomized arteries as vascular substitutes in reconstructive aorto–iliac and femoro–popliteal surgery] Albers MT, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jan–Feb;39(1):6–11 (Eng. Abstr.) (Por)

ADVERSE EFFECTS

Wound hematomas after carotid endarterectomy. Kunkel JM, et al. **Am J Surg** 1984 Dec;148(6):844–7

Wound hematomas after carotid endarterectomy. Gomez ER, et al. **Am Surg** 1985 Feb;51(2):111–3

The lucid interval in stroke following carotid endarterectomy. Prioleau WH Jr, et al. **Am Surg** 1985 Feb; 51(2):114–5

Airway obstruction after bilateral carotid endarterectomy. Levelle JP, et al. **Anesthesiology** 1985 Aug;63(2):220–2

Management of acute postoperative thrombosis following carotid endarterectomy. Novick WM, et al. **Arch Surg** 1985 Aug;120(8):922–5

Postoperative complications following carotid endarterectomy and their management. Sutherland GR, et al. **Int Anesthesiol Clin** 1984 Fall;22(3):165–73

Early complications of carotid surgery. Imparato AM, et al. **Int Surg** 1984 Jul–Sep;69(3):223–9

Intra–operative control of carotid thromboendoarterectomy by Doppler spectrum analysis. Tiberio G, et al. **J Cardiovasc Surg (Torino)** 1984 Jul–Aug;25(4):361–4

Accessory nerve palsy following carotid endarterectomy. Report of two cases. Swann KW, et al. **J Neurosurg** 1985 Oct;63(4):630–2

Minimizing the risks of carotid endarterectomy. Hafner CD. **J Vasc Surg** 1984 May;1(3):392–7

The safety of carotid endarterectomy at the time of coronary artery bypass surgery: analysis of results in a high–risk patient population. Perler BA, et al. **J Vasc Surg** 1985 Jul; 2(4):558–63

Hypertension following carotid endarterectomy: the role of cerebral renin production. Smith BL. **J Vasc Surg** 1984

Sep;1(5):623-7

Hazard of a postendarterectomy intimal flap in carotid artery surgery. Majeski JA. **South Med J** 1985 Mar;78(3):359-60

Intracranial hematoma with subsequent brain abscess after carotid endarterectomy. Biller J, et al. **Surg Neurol** 1985 Jun;23(6):605-8

The efficacy of routine completion operative angiography in reducing the incidence of perioperative stroke associated with carotid endarterectomy. Jernigan WR, et al. **Surgery** 1984 Nov;96(5):831-8

Shunts versus no shunts in carotid endarterectomy [letter] Van Speybroeck JA. **Surgery** 1984 Nov;96(5):947

[The revascularization syndrome] Gallo E. **Minerva Med** 1985 Mar 17;76(11):465-70 **(Ita)**

INSTRUMENTATION

Safer shunt insertion during carotid endarterectomy. Beezley MJ. **J Vasc Surg** 1985 Jul;2(4):607-9

METHODS

Carotid endarterectomy: indications and surgical technique. Ferguson GG. **Int Anesthesiol Clin** 1984 Fall;22(3):113-21

Protection of the brain during carotid endarterectomy. IV. Shunt almost never. Ferguson GG. **Int Anesthesiol Clin** 1984 Fall;22(3):147-52

Anesthetic considerations for carotid endarterectomy. Gelb AW. **Int Anesthesiol Clin** 1984 Fall;22(3):153-64

Selective shunting on the basis of EEG and regional CBF monitoring during carotid endarterectomy. Messick JM Jr, et al. **Int Anesthesiol Clin** 1984 Fall;22(3):137-45

Selective shunting on the basis of carotid clamping under regional anesthesia. Pick MJ, et al. **Int Anesthesiol Clin** 1984 Fall;22(3):129-35

Protection of the brain during carotid endarterectomy. I. Routine shunting. Thompson JE. **Int Anesthesiol Clin** 1984 Fall;22(3):123-8

Local anesthesia in carotid endarterectomy: an alternative method. Shifrin EG, et al. **Isr J Med Sci** 1985 Jun;21(6):511-3

Simultaneous bilateral carotid endarterectomy operations. Clauss RH, et al. **J Cardiovasc Surg (Torino)** 1985 May-Jun;26(3):297-9

Experimental arteriosclerosis treated by conventional and laser endarterectomy. Eugene J, et al. **J Surg Res** 1985 Jul;39(1):31-8

Carotid endarterectomy without a shunt: the control series. Baker WH, et al. **J Vasc Surg** 1984 Jan;1(1):50-6

Laser endarterectomy. Eugene J, et al. **Lasers Surg Med** 1985;5(3):265-74

Laser applications to arteriosclerosis: angioplasty, angioscopy, and open endarterectomy. Eugene J, et al. **Lasers Surg Med** 1985;5(3):309-20

[Isolated or combined myocardial revascularization in patients over 65 years of age] Kalonji T, et al. **Ann Cardiol Angeiol (Paris)** 1984 Oct;33(6):361-6 (Eng. Abstr.) **(Fre)**

[Surgery of the left coronary trunk by the transpulmonary approach. 10 cases] Villemot JP, et al. **Presse Med** 1984 Nov 3;13(39):2367-70 (Eng. Abstr.) **(Fre)**

[Carotid endarterectomy with patch. Long-term results and conclusive considerations on the use of an intraluminal shunt based on continuous electroencephalographic control for the prevention of cerebral ischemia caused by carotid clamping] Deriu GP, et al. **Minerva Cardioangiol** 1984 Nov;32(11):789-802 (Eng. Abstr.) **(Ita)**

[Reliability of thromboendoarteriectomy in aorto-iliac obstructions] Milone F, et al. **Minerva Cardioangiol** 1985 May;33(5):301-4 (Eng. Abstr.) **(Ita)**

[Surgical therapy of deep venous thrombosis] Montorsi W, et al. **Minerva Med** 1985 Mar 17;76(11):475-80 **(Ita)**

[Surgical treatment of ischemic cerebrovascular disease] Nakagawa Y, et al. **Hokkaido Igaku Zasshi** 1984 Sep;59(5):515-48 (111 ref.) **(Jpn)**

[Clinical application of a Biballoon indwelling intraluminal shunt system for carotid endarterectomy] Furui T, et al. **No Shinkei Geka** 1984 Oct;12(11):1293-7 (Eng. Abstr.) **(Jpn)**

[Surgical treatment of ischemia of the brain] Szostek M, et al. **Pol Tyg Lek** 1984 Oct 29;39(44):1463-6 **(Pol)**

[Our experience with the surgical treatment of renovascular hypertension] Kniazev MD, et al. **Vestn Khir** 1984 Nov;133(11):9-13 (Eng. Abstr.) **(Rus)**

MORTALITY

Carotid endarterectomy. Review of 150 consecutive cases in two small community hospitals. Tippett TM 2d, et al. **J Neurosurg** 1985 Sep;63(3):387-9

[Massive pulmonary embolism: considerations on the surgical approach] Sala A, et al. **Minerva Med** 1985 Mar 17;76(11):523-5 **(Ita)**

PSYCHOLOGY

The effect of unilateral carotid endarterectomy on neuropsychological test performance in 53 patients. Bennion RS, et al. **J Cardiovasc Surg (Torino)** 1985 Jan-Feb;26(1):21-6

STANDARDS

Digital transvenous angiography in follow-up examinations after carotid reconstruction: early results. Raithel D, et al. **J Cardiovasc Surg (Torino)** 1984 Sep-Oct;25(5):400-3

ENDARTERITIS

CHEMICALLY INDUCED

Captopril-associated renal failure with endarteritis but not renal-artery stenosis in transplant recipient [letter] Davin JC, et al. **Lancet** 1985 Apr 6;1(8432):820

COMPLICATIONS

[Procedure in severe ischemia of the extremities in patients with obliterating arterial diseases] Klimov VN, et al. **Vestn Khir** 1984 Sep;133(9):52-5 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

[Rheovasography in the differential diagnosis of vascular diseases of the lower limb] Kon MV, et al. **Klin Med (Mosk)** 1984 Aug;62(8):51-4 **(Rus)**

ETIOLOGY

Echocardiographic recognition of pulmonary artery endarteritis in patent ductus arteriosus. Vargas-Barron J, et al. **Am Heart J** 1985 Feb;109(2):368-70

Preliminary report: acetylsalicylic acid therapy in the treatment of complications following abdominal radiation. Ludgate CM. **J Can Assoc Radiol** 1985 Jun;36(2):138-40

Septic endarteritis after percutaneous transluminal angioplasty. Krupski WC, et al. **Surgery** 1985 Aug;98(2):359-62

PATHOLOGY

[Placental villous stem vessel occlusions. Studies of a twin placenta retained in utero following selective sectio parva] Bassermann R, et al. **Geburtshilfe Frauenheilkd** 1984 Sep;44(9):566-9 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

[Circulatory system in amputees with lower limb stumps and endarteritis obliterans] Kurdybaĭlo SF. **Ortop Travmatol Protez** 1984 Nov;(11):15-8 (Eng. Abstr.) **(Rus)**

[Functional potentials of the microcirculatory system in patients with thrombo-obliterative arterial diseases of the lower extremities] Karpik AI, et al. **Vestn Khir** 1985 Apr;134(4):57-61 (Eng. Abstr.) **(Rus)**

[Function of the adrenal medullary layer in endarteritis obliterans] Bondarenko NM, et al. **Vrach Delo** 1984 Aug;(8):32-4 (Eng. Abstr.) **(Rus)**

SURGERY

[Various characteristics of preoperative preparation, amputation and postoperative management of patients with occlusive diseases of the blood vessels of the extremities] Iaremenko DA, et al. **Ortop Travmatol Protez** 1985 Jun;(6):23-7 (Eng. Abstr.) **(Rus)**

ENDO-1,3-BETA-GLUCANASE see under **GLYCOSIDE HYDROLASES**

ENDO-1,4-BETA GLUCANASE see **CELLULASE**

ENDOCARDIAL CUSHION DEFECTS see under **HEART SEPTAL DEFECTS**

ENDOCARDIAL FIBROELASTOSIS

BLOOD

[Changes in eosinophil ultrastructure in Löffler's cardiomyopathy] Stachura J, et al. **Patol Pol** 1984 Oct-Dec;35(4):523-6 (Eng. Abstr.) **(Pol)**

DIAGNOSIS

Diagnosis of endocardial fibroelastosis by endomyocardial biopsy in an adult with dilated cardiomyopathy. Stamato NJ, et al. **Am Heart J** 1985 Apr;109(4):919-20

ETIOLOGY

Endocardial fibroelastosis and myocardial calcification secondary to an anomalous right coronary artery arising from the pulmonary trunk. Huang TY, et al. **Hum Pathol** 1985 Sep;16(9):959-60

[Endocardial fibroelastosis] Liang YC. **Chung Hua Nei Ko Tsa Chih** 1984 Jul;23(7):450-1 **(Chi)**

PATHOLOGY

Anomalous origin of right pulmonary artery from ascending aorta with right ventricular endocardial fibroelastosis. Pahlajani DB, et al. **Pediatr Cardiol** 1985;6(1):47-9

[Intramyocardial megamitochondria in fibroelastosis of the endocardium: known and enigmatic fact] Mbakop A. **Arch Anat Cytol Pathol** 1985;33(3):173-4 (Eng. Abstr.) **(Fre)**

[Dilated cardiomyopathy in childhood: intravital differentiation of endocardial fibroelastosis using transvascular endomyocardial biopsy] Schmaltz AA, et al. **Herz** 1984 Aug;9(4):237-43 (Eng. Abstr.) **(Ger)**

SURGERY

Laser photoablation for the treatment of refractory ventricular tachycardia and endocardial fibroelastosis [editorial] Cox JL. **Ann Thorac Surg** 1985 Mar;39(3):199-200

ENDOCARDITIS

BLOOD

[Changes in eosinophil ultrastructure in Löffler's cardiomyopathy] Stachura J, et al. **Patol Pol** 1984 Oct-Dec;35(4):523-6 (Eng. Abstr.) **(Pol)**

COMPLICATIONS

Persistent fever with aortic valve endocarditis. Zabalgoitia-Reyes M, et al. **Arch Intern Med** 1985 Feb;145(2):327-8

Sudden death from pericardial tamponade. Unusual complication of nonbacterial thrombotic endocarditis. Laurain AR, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):171-2

Nonbacterial thrombotic endocarditis as a cause of cerebral and myocardial infarction. Kuramoto K, et al. **Jpn Circ J** 1984 Sep;48(9):1000-6

Non-bacterial thrombotic endocarditis associated with malignant disease: a clinicopathological study of 16 cases. Ojeda VJ, et al. **Med J Aust** 1985 Jun 10;142(12):629-31

Aortic root abscess resulting from endocarditis: spectrum of angiographic findings. Miller SW, et al. **Radiology** 1984 Nov;153(2):357-61

Multiple transient ischemic attacks, lupus anticoagulant and verrucous endocarditis. D'Alton JG, et al. **Stroke** 1985 May-Jun;16(3):512-4

[Non-bacterial thrombotic endocarditis associated with metastatic adenocarcinoma (letter)] de Miguel Prieto J, et al. **Med Clin (Barc)** 1984 Oct 6;83(10):435 **(Spa)**

[Non-bacterial thrombotic endocarditis associated with tuberculosis] Díaz Curiel M, et al. **Rev Clin Esp** 1984 Jul 15-31;174(1-2):59-60 **(Spa)**

DIAGNOSIS

Libman-Sacks endocarditis: the diagnostic importance of two-dimensional echocardiography. Kahan A, et al. **Br J Rheumatol** 1985 May;24(2):187-90

[Importance of echocardiography in the diagnosis of neonatal endocarditis. Apropos of 3 cases] Morville P, et al. **Ann Pediatr (Paris)** 1985 Apr;32(4):389-93 (Eng. Abstr.) **(Fre)**

[The role of echocardiography in the diagnosis of infectious endocarditis] Berning J, et al. **Nord Med** 1984;99(12):310-2, 324 (Eng. Abstr.) **(Nor)**

DRUG THERAPY

Effects of exopolysaccharide production by viridans streptococci on penicillin therapy of experimental endocarditis. Pulliam L, et al. **J Infect Dis** 1985 Jan;151(1):153-6

ETIOLOGY

Wangiella dermatitidis endocarditis in an intravenous drug user. Vartian CV, et al. **Am J Med** 1985 Apr;78(4):703-7

Granulomatous endocarditis with systemic embolism in Behçet's disease. Huycke EC, et al. **Ann Intern Med** 1985 Jun;102(6):791-3

Filamentous Histoplasma capsulatum endocarditis involving mitral and aortic valve porcine bioprostheses. Svirbely JR, et al. **Arch Pathol Lab Med** 1985 Mar;109(3):273-6

Nonbacterial thrombotic endocarditis in bone marrow transplant patients. Patchell RA, et al. **Cancer** 1985 Feb 1;55(3):631-5

Risk factors for the development of prosthetic valve endocarditis. Calderwood SB, et al. **Circulation** 1985 Jul;72(1):31-7

Hemichorea associated with varicella-zoster reinfection and endocarditis. A case report. Hammann KP, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(6):404-7

Long-term evaluation of bioprosthetic valves: 615 consecutive cases. Bloch G, et al. **Eur Heart J** 1984 Oct;5 Suppl D:73-80

Nonbacterial thrombotic endocarditis associated with severe preeclampsia and pulmonary artery catheterization. A case report. Chestnut DH, et al. **J Reprod Med** 1985 Jun;30(6):497-500

[Non bacterial thrombotic endocarditis associated with a latent primary hepatoma (letter)] Hugon J, et al. **Presse Med** 1985 Jan 12;14(1):44-5 **(Fre)**

[Aspergillus restrictus and Candida parapsilosis—agents of endocarditis following heart valve replacement] Mencl K, et al. **Mykosen** 1985 Mar;28(3):127-33 (Eng. Abstr.) **(Ger)**

[Endocarditis as an interdisciplinary problem] **Verh Dtsch Ges Inn Med** 1984;90 Pt 1:99-158 **(Ger)**

[A case of mycotic endocarditis. Clinical, diagnostic and therapeutic considerations] Lampronti V, et al. **Minerva Med** 1985 Apr 14;76(16):783-7 (Eng. Abstr.) **(Ita)**

[A case of Candida infection with severe cerebral, endocardial and renal involvement] Ceppa P, et al. **Pathologica** 1984 Jul-Aug;76(1044):487-92 (Eng. Abstr.) **(Ita)**

[Fungal endocarditis in patients with heart valve prosthesis] Kolesnikova NI. **Kardiologiia** 1984 Jul;24(7):109-11 (20 ref.) (Rus)

[Non-bacterial thrombotic endocarditis (letter)] Pujol A, et al. **Med Clin (Barc)** 1985 Mar 16;84(10):420 (Spa)

[Candida parapsilosis endocarditis] Romero Vivas J, et al. **Med Clin (Barc)** 1985 Apr 20;84(15):618-9 (Eng. Abstr.) (Spa)

[Tricuspid endocarditis caused by fungi in a heroin addict. Differential features of infectious endocarditis in drug addicts] Bernal JM, et al. **Rev Esp Cardiol** 1985 Mar-Apr; 38(2):148-51 (Eng. Abstr.) (Spa)

IMMUNOLOGY

Is Libman-Sacks endocarditis an immune complex disease? Ansari AU, et al. **Minn Med** 1984 Dec;67(12):681-2

MICROBIOLOGY

Hyphal forms of Histoplasma capsulatum. A common manifestation of intravascular infections. Hutton JP, et al. **Arch Pathol Lab Med** 1985 Apr;109(4):330-2

Trichosporon beigelii endocarditis as a complication of peritoneovenous shunt. Reyes CV, et al. **Hum Pathol** 1985 Aug;16(8):857-9

PATHOLOGY

Antibiotic therapy based on stained peripheral blood smear [letter] Johnson DA, et al. **Arch Intern Med** 1985 Feb; 145(2):369

Loffler's eosinophilic endomyocardial disease. Pandit SP, et al. **J Assoc Physicians India** 1984 Oct;32(10):922-4

Case report: prosthetic valve endocarditis caused by Pseudallescheria boydii and Clostridium limosum. Gordon G, et al. **Mycopathologia** 1985 Mar;89(3):129-34

Malignant tumors and embolizing paraneoplastic endocarditis. Ondriaš F, et al. **Neoplasma** 1985;32(1):135-40

Disseminated aspergillosis and pacemaker endocarditis. Kramer L, et al. **PACE** 1985 Mar;8(2):225-9

[The cardiohistiocyte--a resident macrophage. Studies on the morphology and immunology of abacterial thrombendocarditis] Stosiek P, et al. **Pathologe** 1984 May; 5(3):161-8 (Ger)

SURGERY

Mitral valve replacement in idiopathic hypereosinophilic syndrome. Blake DP, et al. **J Thorac Cardiovasc Surg** 1985 Apr;89(4):630-2

[Septic endocarditis in cardiosurgical clinical practice] Solov'ev GM, et al. **Kardiologiia** 1984 Jul;24(7):14-9 (Eng. Abstr.) (Rus)

THERAPY

Infective endocarditis. Blake S. **Ir Med J** 1984 Sep; 77(9):272-4

VETERINARY

The bacteriology of endocarditis in slaughter pigs. Pedersen KB, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Aug;92(4):237-8

Endocarditis in six horses. Buergelt CD, et al. **Vet Pathol** 1985 Jul;22(4):333-7

ENDOCARDITIS, BACTERIAL

see related
ANEURYSM, MYCOTIC

Infective endocarditis. An overview. Kaye D. **Am J Med** 1985 Jun 28;78(6B):107-9

Infective endocarditis in Singapore: a six year survey. Sin FL, et al. **Ann Acad Med Singapore** 1984 Jul;13(3):548-51

Endogenous Actinobacillus actinomycetemcomitans endophthalmitis. Donzis PB, et al. **Ann Ophthalmol** 1984 Sep;16(9):858-60

Salmonella endocarditis in a Nigerian child. Sykes RM. **East Afr Med J** 1984 Apr;61(4):326-7

New aspects of bacterial endocarditis. **Eur Heart J** 1984 Oct; 5 Suppl C:1-146

Bacterial endocarditis. Delaye J. **Eur Heart J** 1984 Oct;5 Suppl C:1-2

Tricuspid infective endocarditis: 56 cases. Rouveix E, et al. **Eur Heart J** 1984 Oct;5 Suppl C:111-5

Pneumococcal endocarditis. Wolff M, et al. **Eur Heart J** 1984 Oct;5 Suppl C:77-80

Infective endocarditis: East and West. Wahi PL, et al. **Indian Heart J** 1982 Nov-Dec;34(6):378-82

Infective endocarditis in children. Bhandari S, et al. **Indian J Pediatr** 1984 Sep-Oct;51(412):529-32

Erysipelothrix rhusiopathiae endocarditis: report of a case and review of the literature. Fliegelman RM, et al. **J Am Osteopath Assoc** 1985 Jan;85(1):94-7

Infective endocarditis in children. Naganuma M. **Jpn Circ J** 1985 May;49(5):545-52

Infective endocarditis in hypertrophic cardiomyopathy: case report and review of literature 1961-1982. Zimlichman R, et al. **Mt Sinai J Med (NY)** 1984 Sep;51(5):614-9

BLOOD

Multicenter collaborative evaluation of a standardized serum bactericidal test as a prognostic indicator in infective endocarditis [letter] Mellors JW, et al. **Am J Med** 1985 Sep;79(3):A49, A51

Serum triglyceride elevations in patients with septicemia. Julander I, et al. **Scand J Infect Dis** 1985;17(1):129-30

COMPLICATIONS

Two dimensional echocardiographic demonstration of an unusual complication of aortic infective endocarditis. Malouf J, et al. **Acta Cardiol (Brux)** 1984;39(5):379-86

Septic saddle embolus causing basilar artery rupture without mycotic aneurysm. Yock DH Jr. **AJNR** 1984 Nov-Dec; 5(6):822-4

Two-dimensional echocardiographic demonstration of flail pulmonic valve due to infective endocarditis. Harasawa Y, et al. **Am Heart J** 1984 Dec;108(6):1552-4

Paradoxical embolism secondary to tricuspid valve endocarditis. Shenoy MM, et al. **Am J Cardiol** 1984 Dec 1;54(10):1374-5

Acute bacterial endocarditis, osteomyelitis, and an arteriovenous fistula in an intravenous drug abuser. Mandarano C, et al. **Ann Allergy** 1985 May;54(5):385-9

Rheumatological manifestations of infective endocarditis. Thomas P, et al. **Ann Rheum Dis** 1984 Oct;43(5):716-20

Surgical management of splenic abscess in endocarditis [letter] Johnson JD, et al. **Arch Intern Med** 1985 Feb; 145(2):370-1

Aortic root abscess complicating bacterial endocarditis. Demonstration by computed tomography. Cowan JC, et al. **Br Heart J** 1984 Nov;52(5):591-3

Mitral obstruction in bacterial endocarditis. Ghosh PK, et al. **Br Heart J** 1985 Mar;53(3):341-4

Embolic retinopathy due to Corynebacterium minutissimum endocarditis. Herschorn BJ, et al. **Br J Ophthalmol** 1985 Jan;69(1):29-31

Neurologic complications in a group of 86 bacterial endocarditis. Le Cam B, et al. **Eur Heart J** 1984 Oct;5 Suppl C:97-100

Bacterial endocarditis presenting as acute vertebral osteomyelitis: 14 cases. Ninet J, et al. **Eur Heart J** 1984 Oct;5 Suppl C:101-5

Is renal involvement a prognostic parameter in patients with infective endocarditis? Nonnast-Daniel B, et al. **Eur Heart J** 1984 Oct;5 Suppl C:93-6

Mitral valve prolapse and infective endocarditis. Roucaut G, et al. **Eur Heart J** 1984 Oct;5 Suppl C:81-5

Spinal epidural abscess: an unusual complication of bacterial endocarditis. Elian D, et al. **Infection** 1984 Jul-Aug; 12(4):258-9

Empyema and splenic abscess in infective endocarditis. Tornos MP, et al. **Int J Cardiol** 1984 Dec;6(6):746-8

A case of streptococcus bovis endocarditis and colonic carcinoma. Dowd DE, et al. **Ir Med J** 1985 Feb;78(2):52-3

Detection of endocarditis-associated perivalvular abscesses by two-dimensional echocardiography. Ellis SG, et al. **J Am Coll Cardiol** 1985 Mar;5(3):647-53

Resolution of disseminated intravascular coagulation after valve replacement [letter] Del Campo C. **J Thorac Cardiovasc Surg** 1985 Mar;89(3):470-1

A rare case of coronary artery obstruction. Rojo H, et al. **J Thorac Cardiovasc Surg** 1985 Mar;89(3):448-50

Septal myocardial abscess and infectious pericarditis in a case of bacterial endocarditis. Arita M, et al. **Jpn Circ J** 1985 Apr;49(4):451-5

Neurologic complications of infective endocarditis. Lerner PI. **Med Clin North Am** 1985 Mar;69(2):385-98

Membranous glomerulonephritis associated with enterococcal endocarditis. Iida H, et al. **Nephron** 1985; 40(1):88-90

Glomerulonephritis, pulmonary hemorrhage and coagulopathy associated with Haemophilus parainfluenzae endocarditis. Simon MW, et al. **Pediatr Infect Dis** 1985 Mar-Apr;4(2):183-8

Ruptured mycotic aneurysm of the superior mesenteric artery secondary to bacterial endocarditis in a 6-year-old-girl. Christophe C, et al. **Pediatr Radiol** 1985;15(3):202-4

Bacterial endocarditis in pregnancy associated with septic renal embolization. Henry DM, et al. **South Med J** 1985 Mar;78(3):355-6

A suspension of fibrin glue and antibiotic for local treatment of mycotic aneurysms in endocarditis--an experimental study. Deyerling W, et al. **Thorac Cardiovasc Surg** 1984 Dec;32(6):369-72

[Emboligenic abscess of the aortic ring disclosing gonococcal endocarditis. Value of echocardiography] Drui S, et al. **Ann Cardiol Angeiol (Paris)** 1985 Feb;34(2):89-92 (Eng. Abstr.) (Fre)

[Cardiac insufficiency in infectious endocarditis] Petitalot JP, et al. **Arch Mal Coeur** 1985 Apr;78(4):525-32 (Eng. Abstr.) (Fre)

[Clinical demonstrations: Heart rupture in acute myocardial infarct. Infectious endocarditis. Wolff-Parkinson-White syndrome] Nager F. **Schweiz Med Wochenschr** 1984 Dec 8;114(49):1788-805 (Eng. Abstr.) (Ger)

[Surgical treatment of aortic regurgitation complicated with aortic root abscess due to infected endocarditis] Inoue, et al. **Kyobu Geka** 1985 Mar;38(3):221-6 (Eng. Abstr.) (Jpn)

[Surgical treatment of severe valvular insufficiency due to or accompanied with infected endocarditis] Motohiro K, et al. **Kyobu Geka** 1984 Sep;37(10):793-8 (Eng. Abstr.) (Jpn)

[Infectious endocarditis complicated by glomerulonephritis and acute renal failure] Adamiec R, et al. **Wiad Lek** 1985 Jan 1;38(1):51-5 (Eng. Abstr.) (Pol)

[Endocarditis due to group D Streptococcus (S. bovis and S. faecalis) and tumor of the colon. Report of 2 cases] Mansur AJ, et al. **Arq Bras Cardiol** 1984 May;42(5):351-3 (Eng. Abstr.) (Por)

[Acute mitral insufficiency from bacterial endocarditis after cholecystectomy] Acalovschi I, et al. **Rev Chir [Chir]** 1984 Nov-Dec;33(6):467-70 (Eng. Abstr.) (Rum)

[Chronic mitral insufficiency, infectious arthritis and rupture of the chordae tendineae (letter)] Fuster Siebert M, et al. **Med Clin (Barc)** 1984 Jun 16;83(3):132 (Spa)

[Complete atrioventricular block as a presenting form of endocarditis caused by Haemophilus parainfluenza] Nolla J, et al. **Med Clin (Barc)** 1985 Mar 23;84(11):445-7 (Eng. Abstr.) (Spa)

[Neurologic complications of infectious endocarditis] Antón Aranda E, et al. **Rev Clin Esp** 1984 Oct 31;175(2):81-6 (Eng. Abstr.) (Spa)

[Gummy myocarditis associated with bacterial endocarditis and rupture of tendinous cords] Zúñiga Pérez-Lemaur M, et al. **Rev Clin Esp** 1984 Sep 30;174(6):257-9 (Spa)

[Complete transposition of the great vessels with stenosis and tricuspid insufficiency secondary to bacterial endocarditis. Presentation of a surgically corrected case] Iglesias A, et al. **Rev Esp Cardiol** 1984 Nov-Dec;37(6):453-5 (Eng. Abstr.) (Spa)

DIAGNOSIS

Isolated pulmonic valve infective endocarditis: a diagnostically elusive entity. Cassling RS, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):558-67 (58 ref.)

Echocardiographic demonstration of satellite lesions in aortic valvular endocarditis. Nguyen NX, et al. **Am J Cardiol** 1985 May 1;55(11):1433-5

False localization of site of endocarditis by cardiac catheterization with quantitative cultures. Bennish M, et al. **Am J Clin Pathol** 1985 Jan;83(1):130-1

Multicenter collaborative evaluation of a standardized serum bactericidal test as a prognostic indicator in infective endocarditis. Weinstein MP, et al. **Am J Med** 1985 Feb; 78(2):262-9

Immunofluorescence studies of cardiac valves in infective endocarditis. Williams RC Jr, et al. **Arch Intern Med** 1985 Feb;145(2):297-300

Culture negative infective endocarditis. Abraham AK, et al. **Aust NZ J Med** 1984 Jun;14(3):223-6

Vegetations in infective endocarditis. Clinical relevance and diagnosis by cross sectional echocardiography. Stafford WJ, et al. **Br Heart J** 1985 Mar;53(3):310-3

Value and limitations of echocardiography in endocarditis. Editorial comments to the paper by Burger et al. Amsterdam EA. **Cardiology** 1984;71(4):229-31

Mycotic aneurysm of the sinus of Valsalva due to Eikenella corrodens bacterial endocarditis. Burger AJ, et al. **Cardiology** 1984;71(4):220-8

Haemophilus parainfluenzae endocarditis on tricuspid valve. Graninger W, et al. **Cardiology** 1984;71(4):215-9

Systolic anterior motion of the mitral valve. An unusual echocardiographic feature of mitral valve endocarditis. Enia F, et al. **Chest** 1984 Nov;86(5):791-3

Musculoskeletal manifestations of bacterial endocarditis. Levo Y, et al. **Clin Exp Rheumatol** 1983 Jan-Mar;1(1):49-52

Echocardiographic evaluation of infective endocarditis in children. Bricker JT, et al. **Clin Pediatr (Phila)** 1985 Jun; 24(6):312-7

Infective endocarditis: improved diagnosis and treatment. Reid CL, et al. **Curr Probl Cardiol** 1985 Jan;10(1):1-50

Laboratory diagnosis of infective endocarditis. Auckenthaler RW. **Eur Heart J** 1984 Oct;5 Suppl C:49-51

Correlation of echocardiographic and surgical findings in acute bacterial endocarditis. Becher H, et al. **Eur Heart J** 1984 Oct;5 Suppl C:67-70

Prosthetic valve endocarditis: diagnosis and prognosis. Brottier E, et al. **Eur Heart J** 1984 Oct;5 Suppl C:123-7

The role of echocardiography in suspected bacterial endocarditis. Donaldson RM, et al. **Eur Heart J** 1984 Oct; 5 Suppl C:53-7

Two-dimensional echocardiographic recognition of aortic valve ring abscess. Neimann JL, et al. **Eur Heart J** 1984 Oct;5 Suppl C:59-65

Infective endocarditis in the aging patient. Cantrell M, et al. **Gerontology** 1984;30(5):316-26 (68 ref.)

Tricuspid valve endocarditis. Turakhia DP, et al. **J Assoc Physicians India** 1984 Jul;32(7):605-6

Limited reliability of the 'negative' two-dimensional echocardiogram in the evaluation of infectious vegetative endocarditis: diagnostic and surgical implications. McFadden PM, et al. **J Cardiovasc Surg (Torino)** 1985 Jan-Feb;26(1):59-63

Clinical evaluation of a fluorescent antibody test for the serological diagnosis of streptococcal endocarditis. Shanson DC, et al. **J Clin Pathol** 1985 Jan;38(1):92-8

Endocarditis due to Actinobacillus actinomycetemcomitans. Chowdhury MN, et al. **J Infect** 1985 Mar;10(2):158-62

Staphylococcal pneumonia in pediatric practice. Simon MW, et al. **J Ky Med Assoc** 1984 Sep;82(9):458-60

Endocarditis with rare parvobacillus: host response and difficulty in diagnosis. Wilson AP, et al. **J R Soc Med** 1984 Dec;77(12):1048-50

Current diagnosis of infective endocarditis. Sawae Y. **Jpn Circ J** 1985 May;49(5):519-28

Disseminated Mycobacterium xenopi infection [letter] Price AB, et al. **Lancet** 1985 Aug 17;2(8451):383

Listeria monocytogenes endocarditis. Sheinman BD, et al. **Postgrad Med J** 1985 Jan;61(711):51–2

[Diagnosis and echocardiographic course of infectious endocarditis in obstructive cardiomyopathy] Petitalot JP, et al. **Ann Cardiol Angeiol (Paris)** 1985 May;34(5):353–6 (Eng. Abstr.) **(Fre)**

[57 cases of infectious endocarditis: diagnosis, clinical course, prognostic factors] Touze JE, et al. **Med Trop (Mars)** 1984 Apr–Jun;44(2):127–32 (Eng. Abstr.) **(Fre)**

[Infectious endocarditis in the elderly] Poupet JY, et al. **Rev Med Interne** 1984 Nov;5(4):283–90 (Eng. Abstr.) **(Fre)**

[Value of 2-dimensional echocardiography in the diagnosis of infectious endocarditis] Vogt J, et al. **Klin Padiatr** 1984 Sep–Oct;196(5):271–6 (Eng. Abstr.) **(Ger)**

[Infectious endocarditis: clinical aspects and diagnosis] Lichtlen PR, et al. **Schweiz Med Wochenschr** 1984 Nov 10;114(45):1566–75 (Eng. Abstr.) **(Ger)**

[Significance of the detection of echocardiographic vegetation for the clinical course and prognosis of infectious endocarditis] Gonska BD, et al. **Z Kardiol** 1984 Jul;73(7):455–9 (Eng. Abstr.) **(Ger)**

[Clinical and echocardiographic diagnosis of infectious endocarditis of the pulmonary valve] Perényi T, et al. **Orv Hetil** 1984 Nov 11;125(46):2809–12 (Eng. Abstr.) **(Hun)**

[Diagnostic value of echocardiographic examinations in the evaluation of patients with infectious endocarditis of aortic and/or mitral valve localization] Enia F, et al. **G Ital Cardiol** 1984 Jul;14(7):479–91 (Eng. Abstr.) **(Ita)**

[Successful re-aortic valve replacement in prosthetic valve endocarditis immediately after the episode of cerebral embolization—a case report] Ando M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Sep;32(9):1406–11 (Eng. Abstr.) **(Jpn)**

[Diagnosis of infectious endocarditis and the assessment of the effectiveness of its treatment] Solov'ev VV, et al. **Kardiologiia** 1985 Feb;25(2):68–74 (Eng. Abstr.) **(Rus)**

[Integral indicators in the diagnosis and prognosis of infection] Bilibin AF, et al. **Sov Med** 1984;(7):39–42 (Eng. Abstr.) **(Rus)**

[Infectious endocarditis: problems of diagnosis and nomenclature] Butkevich OM, et al. **Ter Arkh** 1984; 56(8):43–6 (Eng. Abstr.) **(Rus)**

[Difficulties in the diagnosis of protracted septic endocarditis] Makolkin VI, et al. **Ter Arkh** 1985;57(4):75–8 **(Rus)**

[Cardiac abscesses] Shevchenko IuL. **Ter Arkh** 1984; 56(11):123–6 (Eng. Abstr.) **(Rus)**

[Infectious endocarditis] Toro C, et al. **Rev Chil Pediatr** 1984 Nov–Dec;55(6):380–4 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Home treatment of infective endocarditis with oral amoxicillin. Guntheroth WG, et al. **Am J Cardiol** 1985 Apr 15;55(9):1231–2

Efficacy of imipenem/cilastatin in endocarditis. Dickinson G, et al. **Am J Med** 1985 Jun 7;78(6A):117–21

Pathogenesis and treatment of endocarditis. Donabedian H, et al. **Am J Med** 1985 Jun 7;78(6A):127–33 (47 ref.)

Staphylococcal endocarditis. Laboratory and clinical basis for antibiotic therapy. Karchmer AW. **Am J Med** 1985 Jun 28;78(6B):116–27 (70 ref.)

Treatment of streptococcal infective endocarditis. Wilson WR, et al. **Am J Med** 1985 Jun 28;78(6B):128–37 (46 ref.)

Ceftriaxone in patients with streptococcal endocarditis [letter] Mittermayer HW. **Am J Surg** 1984 Oct 19; 148(4A):41

Correlation of in vitro activities of cephalothin and ceftazidime with their efficacies in the treatment of Staphylococcus aureus endocarditis in rabbits. Baker RL, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):231–4

Enoxacin compared with cefoperazone for the treatment of experimental Enterobacter aerogenes endocarditis. Boscia JA, et al. **Antimicrob Agents Chemother** 1985 May; 27(5):708–11

Therapeutic efficacy of teicoplanin in experimental enterococcal endocarditis. Sullam PM, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):135–6

Antimicrobial activity of gentamicin in experimental enterococcal endocarditis. Sullam PM et al. **Antimicrob Agents Chemother** 1985 Feb;27(2):224–6

Influence of the developmental state of valvular lesions on the antimicrobial activity of cefotaxime in experimental enterococcal infections. Sullam PM, et al. **Antimicrob Agents Chemother** 1985 Mar;27(3):320–3

Pefloxacin therapy for experimental endocarditis caused by methicillin-susceptible or methicillin-resistant strains of Staphylococcus aureus. Sullam PM, et al. **Antimicrob Agents Chemother** 1985 May;27(5):685–7

Failure of medical therapy in tricuspid endocarditis due to Staphylococcus aureus. Geiseler PJ, et al. **Chemotherapy** 1984;30(6):408–12

Infective endocarditis. Agarwal AK. **Compr Ther** 1985 Mar; 11(3):17–25

Bacteriological assistance for optimal antibiotic therapy of endocarditis. Rosin H, et al. **Eur Heart J** 1984 Oct;5 Suppl C:21–3

Pefloxacin in rabbits: protein binding, extravascular diffusion, urinary excretion and bactericidal effect in experimental endocarditis. Contrepois A, et al. **J Antimicrob Chemother** 1984 Jul;14(1):51–7

Newer beta-lactam antibiotics in the treatment of experimental Staphylococcus aureus endocarditis. Dhawan VK, et al. **J Antimicrob Chemother** 1984 Aug;14(2):165–9

Integration of pharmacokinetics and pharmacodynamics of methicillin in curative treatment of experimental endocarditis. Gengo FM, et al. **J Antimicrob Chemother** 1984 Dec;14(6):619–31

Paradoxical effect of penicillin in-vivo [letter] Griffiths LR, et al. **J Antimicrob Chemother** 1985 Apr;15(4):507–8

Comparison of ceftazidime, cefuroxime and methicillin in the treatment of Staphylococcus aureus endocarditis in rabbits. McColm AA, et al. **J Antimicrob Chemother** 1984 Oct; 14(4):373–7

The treatment of endocarditis by vancomycin. Newsom SW. **J Antimicrob Chemother** 1984 Dec;14 Suppl D:79–84

Role of granulocytes and monocytes in the prevention and therapy of experimental Staphylococcus epidermidis endocarditis in rabbits. Meddens MJ, et al. **J Infect** 1985 Jul;11(1):41–50

Efficacy of vancomycin plus rifampin in experimental aortic-valve endocarditis due to methicillin-resistant Staphylococcus aureus: in vitro-in vivo correlations. Bayer AS, et al. **J Infect Dis** 1985 Jan;151(1):157–65

Penicillin therapy for treatment of experimental endocarditis caused by viridans streptococci in animals. Wilson WR, et al. **J Infect Dis** 1985 Jun;151(6):1028–33

Prosthetic valve endocarditis caused by Staphylococcus epidermidis. Development of rifampin resistance during vancomycin and rifampin therapy. Chamovitz B, et al. **JAMA** 1985 May 17;253(19):2867–8

Recent trend of chemotherapy for infective endocarditis in Japan. Kobayashi Y, et al. **Jpn Circ J** 1985 May; 49(5):529–34

Failure of a once-daily regimen of cefonicid for treatment of endocarditis due to Staphylococcus aureus. Chambers HF, et al. **Rev Infect Dis** 1984 Nov–Dec;6 Suppl 4:S870–4

Treatment of bacterial osteomyelitis and Staphylococcus aureus endocarditis and single-dose therapy for uncomplicated Neisseria gonorrhoeae infections: an overview. Mader JT, et al. **Rev Infect Dis** 1984 Nov–Dec; 6 Suppl 4:S857–64 (55 ref.)

The use of beta-lactam antibiotics in the treatment of septicaemia and endocarditis. Watanakunakorn C. **Scand J Infect Dis [Suppl]** 1984;42:110–6 (82 ref.)

Streptococcus milleri endocarditis complicated by myocardial abscess. Levandowski RA. **South Med J** 1985 Jul;78(7):892–3

Pacemaker-associated sepsis: successful medical management. Tylman TA, et al. **South Med J** 1985 Sep; 78(9):1140–1

Klebsiella oxytoca endocarditis after transurethral resection of the prostate gland. Watanakunakorn C. **South Med J** 1985 Mar;78(3):356–7

[Treatment of Staphylococcus aureus endocarditis and septicemia] Frimodt-Møller N, et al. **Ugeskr Laeger** 1984 Nov 5;146(45):3431–4 (Eng. Abstr.) **(Dan)**

[Anticoagulation therapy in patients with infectious endocarditis: a therapeutic dilemma] Thompson J, et al. **Ned Tijdschr Geneeskd** 1984 Oct 20;128(42):1998–2000 **(Dut)**

[Staphylococcal endocarditis associated with valve prosthesis. Therapeutic problems and description of a clinical case] Pasticci MB, et al. **Clin Ter** 1984 Sep 15; 110(5):437–43 (Eng. Abstr.) **(Ita)**

[Modern therapy of infectious endocarditis] Gutschik E, et al. **Nord Med** 1984;99(12):313–5 (Eng. Abstr.) **(Nor)**

[Effectiveness of amoxicillin in infectious endocarditis] Petelenz T, et al. **Wiad Lek** 1985 Apr 1;38(7):480–4 (Eng. Abstr.) **(Pol)**

[Use of glucocorticosteroids in infectious endocarditis] Chipigina NS, et al. **Revmatologiia (Mosk)** 1984 Oct–Dec; (4):24–30 (Eng. Abstr.) **(Rus)**

[Remarks on the treatment of streptococcal endocarditis (letter)] Force L, et al. **Med Clin (Barc)** 1985 Mar 30; 84(12):503 **(Spa)**

ETIOLOGY

Pacemaker endocarditis: contribution of two-dimensional echocardiography. Daelemans R, et al. **Acta Cardiol (Brux)** 1984;39(4):293–9

Pneumococcal endocarditis. Francart H, et al. **Acta Clin Belg** 1984;39(3):163–6

A case of brucellosis complicated by endocarditis and disseminated intravascular coagulation. Almér LO. **Acta Med Scand** 1985;217(1):139–40

Prosthetic valve endocarditis in pregnancy. Zimmerman J, et al. **Acta Obstet Gynecol Scand** 1984;63(8):731–2

Right-sided infective endocarditis combined with mitral involvement in a patient with ventricular septal defect. Itoh N, et al. **Acta Pathol Jpn** 1985 Mar;35(2):459–71

Gonococcal endocarditis: a case series demonstrating modern presentation of an old disease. Fernandez GC, et al. **Am Heart J** 1984 Nov;108(5):1326–34

Dura mater valve endocarditis related to retained fragment of postoperative temporary epicardial pacemaker lead. Mansur AJ, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1049–52

Group A beta-hemolytic streptococcus endocarditis. Ramirez CA, et al. **Am Heart J** 1984 Nov;108(5):1383–6

How important are dental procedures as a cause of infective endocarditis? Guntheroth WG. **Am J Cardiol** 1984 Oct 1; 54(7):797–801

Infection within a degenerated Starr-Edwards silicone rubber poppet in the aortic valve position. Muller WA, et al. **Am J Cardiol** 1984 Nov 1;54(8):1146

Changing pattern of infective endocarditis. Kaye D. **Am J Med** 1985 Jun 28;78(6B):157–62

Pathogenesis of endocarditis. Sullam PM, et al. **Am J Med** 1985 Jun 28;78(6B):110–5

Infectious endocarditis caused by Actinobacillus actinomycetemcomitans. Gould L, et al. **Angiology** 1985 Jan;36(1):64–6

Late Mycobacterium chelonei bioprosthetic valve endocarditis: activation of implanted contaminant? Rumisek JD, et al. **Ann Thorac Surg** 1985 Mar;39(3):277–9

'Culture-negative' prosthetic valve endocarditis. Hazards of postoperative steroid therapy for unexplained fever. Hilton E, et al. **Arch Intern Med** 1984 Oct;144(10):2083–4

Actuarial analysis of the risk of prosthetic valve endocarditis in 1,598 patients with mechanical and bioprosthetic valves. Rutledge R, et al. **Arch Surg** 1985 Apr;120(4):469–72

Reduction of the susceptibility to infective endocarditis with time in animals with endocavitary catheters. Pujadas-Capmany R, et al. **Br J Exp Pathol** 1984 Dec; 65(6):683–90

Factors affecting development of peritonitis in continuous ambulatory peritoneal dialysis [letter] Freeman R, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):318–9

Insertion of intrauterine contraceptive device in a patient with a ventricular septal defect: need for antibiotic prophylaxis. Gammage MD, et al. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1516–7

Dental factors in infective endocarditis [editorial] Seldin EB. **Circulation** 1985 Jun;71(6):1093–4

Late prosthetic valve endocarditis. Permanyer-Miralda G, et al. **Eur Heart J** 1984 Oct;5 Suppl C:129–32

Endocarditis caused by Actinobacillus actinomycetemcomitans. Siegman-Igra Y, et al. **Eur J Clin Microbiol** 1984 Dec;3(6):556–9

Bacterial endocarditis after Hurst bougienage in a patient with a benign esophageal stricture and mitral valve prolapse. Niv Y, et al. **Gastrointest Endosc** 1985 Aug; 31(4):265–7

Pseudomonas maltophilia endocarditis. Subbannayya K, et al. **Indian J Pathol Microbiol** 1984 Oct;27(4):311–5

Correlation of plasmid type and disease caused by Coxiella burnetii. Samuel JE, et al. **Infect Immun** 1985 Sep; 49(3):775–9

Actinobacillus actinomycetem-comitans endocarditis in a child with a prosthetic heart valve. Felius A, et al. **Infection** 1984 Jul–Aug;12(4):260–1

Clinical considerations regarding infective Libman-Sacks endocarditis. Tornos MP, et al. **Int J Cardiol** 1985 Apr; 7(4):409–12

Endocarditis in patients with bioprostheses: pathology and clinical correlations. Zussa C, et al. **Int J Cardiol** 1984 Dec; 6(6):719–35

Acute endocarditis in drug addicts: surgical treatment for multiple valve infection. Silverman NA, et al. **J Am Coll Cardiol** 1984 Oct;4(4):680–4

Prosthetic valve endocarditis caused by group Ve-1 bacteria (Chromobacterium typhiflavum). O'Leary T, et al. **J Clin Microbiol** 1984 Nov;20(5):995

Endocarditis caused by Rothia dentocariosa. Broeren SA, et al. **J Clin Pathol** 1984 Nov;37(11):1298–300

Prosthetic valve endocarditis due to methicillin-resistant Staphylococcus epidermidis and Micrococcus species successfully treated with rifampicin combined with other antibiotics. Colebunders R, et al. **J Infect** 1985 Jul; 11(1):35–9

Salmonella infections of the mitral valve and abdominal aorta. Verhaegen J, et al. **J Infect** 1984 Jul;9(1):87–92

Bacterial endocarditis in rats with experimental enterococcal pyelonephritis [letter] Guze PA, et al. **J Infect Dis** 1985 May;151(5):973–4

Staphylococcus aureus bacteremia and endocarditis: comparison of nosocomial and community-acquired infection. Finkelstein R, et al. **J Med** 1984;15(3):193–211

Haemophilus aphrophilus endocarditis. Price T, et al. **J Okla State Med Assoc** 1984 Nov;77(11):387–9

Thermodilution cardiac output studies as a cause of prosthetic valve bacterial endocarditis. Stiles GM, et al. **J Thorac Cardiovasc Surg** 1984 Dec;88(6):1035–7

Bacterial endocarditis with Hickman catheters [letter] **Lancet** 1985 Aug 3;2(8449):269–70

Actinobacillus endocarditis [letter] Stockman K, et al. **Med J Aust** 1985 Aug 5;143(3):130–1

Right-sided infective endocarditis as a consequence of flow-directed pulmonary-artery catheterization. A clinicopathological study of 55 autopsied patients. Rowley KM, et al. **N Engl J Med** 1984 Nov 1;311(18):1152–6

Pregnancy-associated group B streptococcal endocarditis: a report of two fatal cases. Sexton DJ, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):44S–47S

Endocarditis on a Gore-Tex tube prosthesis. Romero Vivas J, et al. **Pediatr Infect Dis** 1985 May–Jun;4(3):296–8

Group C streptococcal endocarditis. Goldberg P, et al. **Pediatrics** 1985 Jan;75(1):114–6

Central venous catheter-induced endocarditis: human correlate of the animal experimental model of endocarditis. Tsao MM, et al. **Rev Infect Dis** 1984 Nov–Dec;6(6):783–90 (53 ref.)

Staphylococcus aureus tricuspid valve endocarditis in young women after gynaecological events. A report of 3 cases.

Swift PJ. **S Afr Med J** 1984 Dec 8;66(23):891-3

Prediction of staphylococcal etiology among patients with septicemia with or without endocarditis by multivariate statistical methods. Julander I, et al. **Scand J Infect Dis** 1985;17(1):37-46

Mycobacterium fortuitum endocarditis after mitral valve replacement with a bovine prosthesis. Alvarez-Elcoro S, et al. **South Med J** 1985 Jul;78(7):865-6

Haemophilus influenzae endocarditis. Blair TP, et al. **South Med J** 1985 Jun;78(6):759-60

Peptococcus magnus endocarditis. Cofsky RD, et al. **South Med J** 1985 Mar;78(3):361-2

Endocarditis due to Veillonella alcalescens. Greaves WL, et al. **South Med J** 1984 Sep;77(9):1211-2

Aortic valve endocarditis due to Salmonella enteritidis. Hanger KH Jr, et al. **South Med J** 1985 Aug;78(8):1023-4

Infectious endocarditis caused by Cardiobacterium hominis. Robison WJ, et al. **South Med J** 1985 Aug;78(8):1020-1

Branhamella catarrhalis endocarditis in a patient receiving hemodialysis. Turner HR, et al. **South Med J** 1985 Aug; 78(8):1021-2

Enterococcal endocarditis after sigmoidoscopy [letter] Murray JL. **West J Med** 1984 Nov;141(5):689-90

Neisseria sicca endocarditis in intravenous drug abusers. Thornhill-Joynes M, et al. **West J Med** 1985 Feb; 142(2):255-6

[Septicemia on endocavitary sounds for cardiac stimulation] Laskar M, et al. **Ann Cardiol Angeiol (Paris)** 1984 Nov; 33(7):471-3 (Eng. Abstr.) (Fre)

[Complications of mitral valve prolapse] Bensaid J. **Presse Med** 1985 Feb 16;14(7):413-7 (Eng. Abstr.) (Fre)

[Endocarditis in Barlow's disease. Value of two-dimensional echography (letter)] Denamur E, et al. **Presse Med** 1985 Feb 16;14(7):430-1 (Fre)

[Bacterial infection of an Ionescu-Shiley bioprosthesis. Morphologic studies] Hey A, et al. **Dtsch Med Wochenschr** 1985 Sep 20;110(38):1457-60 (Eng. Abstr.) (Ger)

[Candida albicans endocarditis in a drug addict] Ben-Yoseph R, et al. **Harefuah** 1985 Jan 15;108(2):72-3 (Eng. Abstr.) (Heb)

[Bacterial endocarditis in drug addicts (editorial)] Potasman I, et al. **Harefuah** 1984 Sep;107(5-6):152-4 (Heb)

[Prosthetic valve endocarditis and bacteremia] Nakai Y, et al. **Kyobu Geka** 1984 Oct;37(11):880-5 (Eng. Abstr.) (Jpn)

[Infective endocarditis in a case of drug addiction] Aizawa N, et al. **Nippon Naika Gakkai Zasshi** 1985 Jan;74(1):36-9 (Jpn)

[Branhamella (Neisseria) catarrhalis endocarditis after insertion of a mitral prosthesis: a case report] Utsunomiya T, et al. **Nippon Naika Gakkai Zasshi** 1984 Oct; 73(10):1506-11 (Jpn)

[Acute ulcerative aortic valve endocarditis and acute glomerulonephritis in staphylococcal septicemia] Adamiec R, et al. **Pol Tyg Lek** 1985 Jan 28;40(4):105-7 (Eng. Abstr.) (Pol)

[Infectious endocarditis caused by Listeria monocytogenes and mycotic aneurysm of the deep femoral artery. Report of a case] Arruda WO, et al. **Arq Bras Cardiol** 1984 Aug; 43(2):119-21 (Eng. Abstr.) (Por)

[Haemophilus parainfluenzae endocarditis (letter)] **Med Clin (Barc)** 1985 Jun 22;85(4):169 (Spa)

[Left endocarditis caused by Staphylococcus aureus as a complication of intravenous catheters (letter)] del Pozo Pérez F, et al. **Med Clin (Barc)** 1984 Dec 8;83(19):824 (Spa)

[Haemophilus parainfluenzae endocarditis (letter)] Merino Morales F, et al. **Med Clin (Barc)** 1985 Feb 2;84(4):163 (Spa)

[Cause, facilitation or accident: Haemophilus and Streptococcus viridans polymicrobial endocarditis (letter)] Ollé Goig JE. **Med Clin (Barc)** 1985 Feb 16;84(6):253 (Spa)

[Polymicrobial endocarditis caused by Haemophilus influenzae and Streptococcus viridans. A chance association?] Pujadas R, et al. **Med Clin (Barc)** 1984 Jun 16;83(3):116-8 (Eng. Abstr.) (Spa)

[Infectious endocarditis in drug addicts. Presentation of 21 cases] Force L, et al. **Rev Clin Esp** 1985 Mar;176(5):221-6 (Eng. Abstr.) (Spa)

[Brucellar endocarditis in a patient with Marfan's syndrome] García-Fernández F, et al. **Rev Esp Cardiol** 1984 May-Jun; 37(3):227-9 (Eng. Abstr.) (Spa)

[Infectious endocarditis in Santo Tomás Hospital, 1974-1984] Nieto RD, et al. **Rev Med Panama** 1985 Jan;10(1):32-41 (Eng. Abstr.) (Spa)

HISTORY

Classics in infectious diseases. Observations on the sites of removal of bacteria from the blood of patients with bacterial endocarditis. By Paul B. Beeson, Emmett S. Brannon, and James V. Warren. **Rev Infect Dis** 1985 Jul-Aug;7(4):565-73

Retrospective commentary on the bacterial endocarditis study. Beeson PB. **Rev Infect Dis** 1985 Jul-Aug;7(4):574-6

IMMUNOLOGY

Serological response to toxic shock syndrome toxin in Staphylococcus aureus infected patients and healthy controls. Christensson B, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Apr; 93(2):87-90

Infection and T lymphocyte subpopulations: changes associated with bacteremia and the acquired immunodeficiency syndrome. Fishman JA, et al. **Diagn Immunol** 1983;1(3):261-5

Statistical analysis of five immune complex screening assays: patterns of detection in patients with rheumatoid arthritis, systemic lupus erythematosus, infectious endocarditis, and diabetes mellitus. Kilpatrick JM, et al. **Diagn Immunol** 1983; 1(2):57-63

Immunology of infective endocarditis. Garnier JL, et al. **Eur Heart J** 1984 Oct;5 Suppl C:3-9

Enzyme-linked immunosorbent assay for detection of immunoglobulin G and M antibodies to teichoic acid in intravascular staphylococcal disease. West TE, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):286-90

Enhancement of experimental bacteremia and endocarditis caused by dysgonic fermenter (DF-2) bacterium after treatment with methylprednisolone and after splenectomy. Butler T, et al. **Infect Immun** 1985 Jan;47(1):294-300

Changes in circulating immune complex concentrations and antibody titres during treatment of Q fever endocarditis. Coyle PV, et al. **J Clin Pathol** 1985 Jul;38(7):743-6

Meningococcal endocarditis with profound acquired hypocomplementaemia. Weetman AP, et al. **J Infect** 1985 Jan;10(1):51-6

[Clinical assessment of circulating immune complexes in infectious endocarditis] Nasonov EL, et al. **Klin Med (Mosk)** 1984 Sep;62(9):76-81 (Rus)

METABOLISM

Comparative pharmacokinetics of ceftazidime in fibrin clots and cardiac vegetations in rabbits with Staphylococcus aureus endocarditis. McColm AA, et al. **Antimicrob Agents Chemother** 1985 Jun;27(6):925-7

Effects of sub-bactericidal concentrations of antibiotics in experimental models of endocarditis. Drake TA, et al. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:293-6 (13 ref.)

MICROBIOLOGY

Case report: prosthetic valve endocarditis due to a nutritionally variant streptococcus. Eisenberg FP, et al. **Am J Med Sci** 1985 Jun;289(6):249-50

A neonatal survivor of group B beta-hemolytic streptococcal endocarditis. Barton CW, et al. **Am J Perinatol** 1984 Apr; 1(3):214-5

Synergy of imipenem or penicillin G and aminoglycosides against enterococci isolated from patients with infective endocarditis. Indrelie JA, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):909-12

In vitro studies of investigational beta-lactams as possible therapy for Pseudomonas aeruginosa endocarditis. Zar FA, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):1-3

Group B streptococcal infective endocarditis. Backes RJ, et al. **Arch Intern Med** 1985 Apr;145(4):693-6

In vitro activity of cefmenoxime, cefotaxime, latamoxef, cefazolin, nafcillin and vancomycin against 53 endocarditis and bacteremic strains of Staphylococcus aureus. Dhawan VK, et al. **Chemotherapy** 1984;30(5):328-30

New bacteriological aspects of infective endocarditis. Bouvet A, et al. **Eur Heart J** 1984 Oct;5 Suppl C:45-8

Evaluation of the API 20 STREP system for species identification of streptococci associated with infective endocarditis. Etienne J, et al. **Eur Heart J** 1984 Oct;5 Suppl C:25-7

Antibiotic susceptibility of streptococcal strains associated with infective endocarditis. Etienne J, et al. **Eur Heart J** 1984 Oct;5 Suppl C:33-7

Late prosthetic valve endocarditis. Bacteriological findings and prognosis in 29 cases. Leport C, et al. **Eur Heart J** 1984 Oct;5 Suppl C:139-43

In-vitro synergy testing of triple antibiotic combinations against Staphylococcus epidermidis isolates from patients with endocarditis. Yu VL, et al. **J Antimicrob Chemother** 1984 Oct;14(4):359-66

Endocarditis caused by Actinobacillus actinomycetemcomitans. Schack SH, et al. **J Clin Microbiol** 1984 Sep;20(3):579-81

Infective endocarditis caused by Kingella denitrificans. Swann RA, et al. **J Clin Pathol** 1984 Dec;37(12):1384-7

Group G streptococcal septicaemia: clinical observations and laboratory studies. Finch RG, et al. **J Infect** 1984 Sep; 9(2):126-33

Multiple Salmonella endocarditis. Woodhead MA, et al. **J Infect** 1984 Nov;9(3):289-90

Production of experimental endocarditis by coagulase-negative staphylococci: variability in species virulence. Baddour LM, et al. **J Infect Dis** 1984 Nov; 150(5):721-7

Instability of antibiotic resistance in a strain of Staphylococcus epidermidis isolated from an outbreak of prosthetic valve endocarditis. Mickelsen PA, et al. **J Infect Dis** 1985 Jul;152(1):50-8

Infective endocarditis caused by nutritionally variant streptococcus: a case report. Aswapokee N, et al. **J Med Assoc Thai** 1984 Sep;67(9):517-20

Lactobacillus plantarum endocarditis. Shinar E, et al. **Klin Wochenschr** 1984 Dec 17;62(24):1173-4

[Acute endocarditis caused by Kingella kingae in an infant] La Selve H, et al. **Arch Fr Pediatr** 1985 Jan;42(1):35-6 (Eng. Abstr.) (Fre)

[Simultaneous infectious endocarditis caused by Staphylococcus epidermidis and deficient Streptococcus (letter)] Chabanier A, et al. **Presse Med** 1985 May 25; 14(21):1202 (Fre)

[Valvular infection in patients without evidence of previous valvulopathy] Grinberg M, et al. **Arq Bras Cardiol** 1984 Apr;42(4):267-71 (Eng. Abstr.) (Por)

[Characteristics of acute infectious endocarditis in various types of hospitals] Bulychev VV, et al. **Kardiologiia** 1984 Sep;24(9):109-11 (Eng. Abstr.) (Rus)

[Streptococcus beta-hemolytic group B endocarditis (S. agalactiae) (letter)] Domingo P, et al. **Med Clin (Barc)** 1984 Dec 1;83(18):778-9 (Spa)

[Beta-hemolytic streptococcal group B endocarditis (Streptococcus agalactiae) (letter)] Pons C, et al. **Med Clin (Barc)** 1985 Apr 6;84(13):544-5 (Spa)

[Infectious endocarditis. Study of 45 cases] Laso FJ, et al. **Rev Clin Esp** 1984 Sep 15;174(5):143-51 (Eng. Abstr.) (Spa)

[Brucellar bacterial endocarditis] Marcos Sánchez F, et al. **Rev Clin Esp** 1984 Oct 15;175(1):41-2 (Spa)

[Hemolytic Streptococcus group B endocarditis (S. agalactiae)] Montejo Baranda M, et al. **Rev Clin Esp** 1984 Jun 15-30;173(5-6):321-2 (Spa)

[Endocarditis of the pulmonary valve and multiple vertebral osteomyelitis caused by Pseudomonas aeruginosa] Montejo Baranda M, et al. **Rev Clin Esp** 1984 Sep 30;174(6):261-2 (Spa)

MORTALITY

Prognosis of native valve infective endocarditis: a review of 253 cases. Malquarti V, et al. **Eur Heart J** 1984 Oct; 5 Suppl C:11-20

Unfavourable prognostic factors in Staphylococcus aureus septicemia and endocarditis. Julander I. **Scand J Infect Dis** 1985;17(2):179-87

[Clinical analysis of the causes of fatal outcome in infection] Bochorishvili VG, et al. **Vrach Delo** 1985 Jun;(6):105-8 (Eng. Abstr.) (Rus)

OCCURRENCE

Infective endocarditis in adults in Glasgow, 1976-81. Whitby M, et al. **Int J Cardiol** 1985 Apr;7(4):391-403

Outbreak of endocarditis caused by Pseudomonas aeruginosa serotype O11 among pentazocine and tripelennamine abusers in Chicago. Shekar R, et al. **J Infect Dis** 1985 Feb; 151(2):203-8

Infective endocarditis. Olmsted County, Minnesota, 1950 through 1981. Griffin MR, et al. **JAMA** 1985 Sep 6; 254(9):1199-202

[The observation on infective endocarditis, myocarditis and pericarditis in infancy and childhood in Japan] Izumi Y. **Kansenshogaku Zasshi** 1984 May;58(5):400-7 (Eng. Abstr.) (Jpn)

[Infectious endocarditis. 5 years' experience] Romero-Vivas J, et al. **Med Clin (Barc)** 1985 Apr 30;84(16):637-42 (Eng. Abstr.) (Spa)

PATHOLOGY

Ten years of infective endocarditis: a clinicopathologic study. Gossius G, et al. **Acta Med Scand** 1985;217(2):171-9

Infective endocarditis presenting with a pneumothorax in a patient 32 weeks pregnant. Collins JH Jr, et al. **J La State Med Soc** 1985 May;137(5):60-3

Case report: prosthetic valve endocarditis caused by Pseudallescheria boydii and Clostridium limosum. Gordon G, et al. **Mycopathologia** 1985 Mar;89(3):129-34

[Myxomatosis of the right ventricle complicated by infectious endocarditis] Lytkin AM, et al. **Ter Arkh** 1985;57(4):69-71 (Rus)

PHYSIOPATHOLOGY

Abnormal systolic sound associated with mobile prosthetic mitral valve vegetation. Sharkey SW, et al. **Am Heart J** 1984 Dec;108(6):1565-7

Pulmonary valve endocarditis [letter] Brown AK, et al. **Am J Cardiol** 1984 Nov 1;54(8):1170

Echocardiographic findings after tricuspid valvectomy. Friedman G, et al. **Chest** 1985 May;87(5):668-70

[Physiopathology of infectious endocarditis] Glauser MP. **Schweiz Med Wochenschr** 1984 Nov 10;114(45):1560-6 (Eng. Abstr.) (Fre)

[Infectious endocarditis revisited—considerations apropos of a recent case-list] Santos RM, et al. **Acta Med Port** 1985 Jan;6(1):13-23 (Eng. Abstr.) (Por)

[Hemodynamic reactions to autologous blood transfusion in patients with heart defects and active bacterial endocarditis] Singaevskii SB, et al. **Vestn Khir** 1984 Aug; 133(8):116-9 (Eng. Abstr.) (Rus)

PREVENTION & CONTROL

Mitral valve prolapse and bacterial endocarditis: when is antibiotic prophylaxis necessary? Hickey AJ, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):431-5

New recommendations for antibiotic prophylaxis of bacterial endocarditis [editorial] Allen HD, et al. **Am J Dis Child** 1985 Mar;139(3):225-6

Prevention of bacterial endocarditis. A statement for health

professionals by the Committee on Rheumatic Fever and Bacterial Endocarditis of the Council on Cardiovascular Diseases in the Young of the American Heart Association. Shulman ST, et al. **Am J Dis Child** 1985 Mar;139(3):232–5
Current issues in prevention of infective endocarditis. Durack DT. **Am J Med** 1985 Jun 28;78(6B):149–56
A survey to evaluate the management of orthodontic patients with a history of rheumatic fever or congenital heart disease. Gaidry D, et al. **Am J Orthod** 1985 Apr; 87(4):338–44
Infective endocarditis [letter] Amerena VC. **Aust Dent J** 1985 Feb;30(1):59
Infective endocarditis [letter] Cohn SA. **Aust Dent J** 1984 Oct;29(5):338
Antimicrobial prophylaxis of endocarditis [letter] Scully C, et al. **Br Dent J** 1985 Feb 23;158(4):120
Failure of single dose amoxycillin as prophylaxis against endocarditis [letter] **Br Med J [Clin Res]** 1985 Jan 26; 290(6464):316–8
Failure of single dose amoxycillin as prophylaxis against endocarditis. Denning DW, et al. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1499–500
Infective endocarditis: a preventable disease? [editorial] Morris GK. **Br Med J [Clin Res]** 1985 May 25; 290(6481):1532–3
Failure of a single dose amoxycillin as prophylaxis against endocarditis [letter] Shanson DC. **Br Med J [Clin Res]** 1985 Mar 2;290(6469):711
Prevention of Bacterial Endocarditis. A statement for health professionals by the Committee on Rheumatic Fever and Infective Endocarditis of the Council on Cardiovascular Disease in the Young. Shulman ST, et al. **Circulation** 1984 Dec;70(6):1123A–1127A
Prevention of bacterial endocarditis. A statement for health professionals by the Committee on Rheumatic Fever and Infective Endocarditis of the Council on Cardiovascular Disease in the Young. Shulman ST, et al. **Circulation** 1984 Dec;70(6):1123A–1127A
Prevention of rheumatic fever. A statement for health professionals by the Committee on Rheumatic Fever and Infective Endocarditis of the Council on Cardiovascular Disease in the Young. Shulman ST, et al. **Circulation** 1984 Dec;70(6):1118A–1122A
Prophylaxis for endocarditis. **Drug Ther Bull** 1985 Jul 15; 23(14):53–6
The antibiotic prophylaxis of infective endocarditis. Etienne J, et al. **Eur Heart J** 1984 Oct;5 Suppl C:145–6
Who should have endocarditis prophylaxis for upper gastrointestinal procedures? [editorial] Perucca PJ, et al. **Gastrointest Endosc** 1985 Aug;31(4):285–7
Antimicrobial prophylaxis of bacterial endocarditis: a continuing saga [editorial] Bisno AL. **Hosp Pract [Off]** 1985 Jun 15;20(6):12–3
AHA recommendations [letter] **J Am Dent Assoc** 1985 May; 110(5):664, 666, 668
Prevention of bacterial endocarditis: a committee report of the American Heart Association. Council on Dental Therapeutics. **J Am Dent Assoc** 1985 Jan;110(1):98–100
Recommendations questioned [letter] Bender IB. **J Am Dent Assoc** 1985 Jun;110(6):874
Bacterial endocarditis: a consideration for physician and dentist. Bender IB, et al. **J Am Dent Assoc** 1984 Sep; 109(3):415–20
Clinician compliance and the prevention of bacterial endocarditis. Sadowsky D, et al. **J Am Dent Assoc** 1984 Sep;109(3):425–8
Successful prophylaxis of experimental streptococcal endocarditis with single doses of sublethal concentrations of penicillin. Francioli P, et al. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:297–302
Chemoprophylaxis for bacterial endocarditis—a survey of current practice in London. Gould IM. **J Antimicrob Chemother** 1984 Oct;14(4):379–94
The pharmacokinetics and tolerance of oral erythromycin stearate compared with erythromycin ethylsuccinate: implications for preventing endocarditis. Shanson DC, et al. **J Antimicrob Chemother** 1984 Aug;14(2):157–63
Educational factors associated with clinician knowledge about bacterial endocarditis. Sadowsky D, et al. **J Dent Educ** 1985 Sep;49(9):645–50
Comparison of single doses of amoxicillin or of amoxicillin-gentamicin for the prevention of endocarditis caused by Streptococcus faecalis and by viridans streptococci. Francioli P, et al. **J Infect Dis** 1985 Jul; 152(1):83–9
Prescribing for the prevention of infective endocarditis: a study into the use of prophylactic antibiotics in the Armed Forces Dental Services. Woodman AJ. **J R Nav Med Serv** 1984 Winter;70(3):149–59
Hospital personnel with penicillin-resistant Streptococcus viridans. A case for special consideration in the prevention of bacterial endocarditis. Leviner E, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):394–6
New recommendation for prevention of bacterial endocarditis [editorial] Little JW. **Oral Surg Oral Med Oral Pathol** 1985 Apr;59(4):358–9
Gentamycin for prophylaxis of bacterial endocarditis: a review for the dentist. Wynn RL. **Oral Surg Oral Med Oral Pathol** 1985 Aug;60(2):159–65 (35 ref.)
Prevention of bacterial endocarditis. Dajani AS. **Pediatr Infect Dis** 1985 Jul–Aug;4(4):349–52
Prevention of bacterial endocarditis. Committee on Rheumatic Fever and Bacterial Endocarditis of the Council on Cardiovascular Diseases in the Young, American Academy of Pediatrics. **Pediatrics** 1985 Mar;75(3):603–7
[Prevention of infectious endocarditis] Vořišková M, et al. **Cesk Pediatr** 1984 Feb;39(2):101–2 (Eng. Abstr.) **(Cze)**
[Prevention of bacterial endocarditis] Bouvet A, et al. **Ann Cardiol Angeiol (Paris)** 1985 Jan;34(1):1–3 (Eng. Abstr.) **(Fre)**
[Toward a new method of prevention of infectious endocarditis] Delaye J, et al. **Arch Mal Coeur** 1984 Nov; 77(12):1416–20 **(Fre)**
[Antimicrobial prevention of bacterial endocarditis] Niebel J, et al. **Dtsch Med Wochenschr** 1985 Jan 25;110(4):145–52 **(Ger)**
[Prevention of bacterial endocarditis. Recommendations of the Swiss Work Group for the Prevention of Endocarditis] **Schweiz Med Wochenschr** 1984 Sep 15;114(37):1246–52 (Eng. Abstr.) **(Ger)**
[Prevention of endocarditis using amoxycillin, clindamycin or erythromycin. Pharmacokinetic observations] Meier B, et al. **Schweiz Med Wochenschr** 1984 Sep 15;114(37):1252–6 (Eng. Abstr.) **(Ger)**
[Prevention of bacterial endocarditis] Maeglin B. **Schweiz Monatsschr Zahnmed** 1984 Nov;94(11):1169–70 **(Ger)**
[Dental implications in the prevention of infectious endocarditis] Kovács B, et al. **Fogorv Sz** 1985 Jun; 78(6):167–71 (Eng. Abstr.) **(Hun)**
[Prevention of endocarditis and dental treatment] Girão F, et al. **Rev Port Estomatol Cir Maxilofac** 1984 Jan–Mar; 25(1):667–78 (9 ref.) (Eng. Abstr.) **(Por)**

SURGERY

Indications for cardiac surgery in patients with active infective endocarditis. Alsip SG, et al. **Am J Med** 1985 Jun 28;78(6B):138–48 (67 ref.)
Surgery in infective endocarditis. Witchitz S, et al. **Eur Heart J** 1984 Oct;5 Suppl C:87–91
Aortoatrioplasty with double valve replacement for infective endocarditis. Furuse A, et al. **J Cardiovasc Surg (Torino)** 1984 Sep–Oct;25(5):462–4
The results of surgery for active endocarditis of the native aortic valve. Kay PH, et al. **J Cardiovasc Surg (Torino)** 1984 Jul–Aug;25(4):321–7
Complicated infective endocarditis: surgical treatment. Rodis E, et al. **J Cardiovasc Surg (Torino)** 1985 Jan–Feb;26(1):64–6
Infective endocarditis, present status and problems on surgical treatment. Fujita T, et al. **Jpn Circ J** 1985 May; 49(5):562–9
Medical management of infective endocarditis; limitations and indication for surgery. Koga Y, et al. **Jpn Circ J** 1985 May;49(5):535–44
Surgical treatment for infective endocarditis—decision tree for the treatment and introduction of translocation method. Koyanagi H, et al. **Jpn Circ J** 1985 May;49(5):553–61
Gonococcal endocarditis during pregnancy: simultaneous cesarean section and aortic valve surgery. Burstein H, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):48S–51S
Conservative surgery of the mitral valve in bacterial endocarditis. Gammage MD, et al. **Thorax** 1984 Nov; 39(11):868–71
[Electric cauterization combined with valve replacement for bacterial endocarditis: report of a case] Wang YS, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Jan;23(1):38–9, 63 (Eng. Abstr.) **(Chi)**
[Surgical treatment of valve prosthesis endocarditis] Vouhé PR, et al. **Arch Mal Coeur** 1984 Aug;77(8):894–901 (Eng. Abstr.) **(Fre)**
[Surgical treatment of bacterial endocarditis on native valves. 104 surgically treated cases] Houel J, et al. **Chirurgie** 1984; 110(10):823–8 (Eng. Abstr.) **(Fre)**
[Aortic valve replacement in infectious destruction of the aortic annulus. A new technic] Laborde F, et al. **Presse Med** 1985 Jan 26;14(3):157–9 (Eng. Abstr.) **(Fre)**
[Prosthesis endocarditis—a surgical indication!] Stulz P, et al. **Schweiz Med Wochenschr** 1984 Nov 10;114(45):1586–8 (Eng. Abstr.) **(Ger)**
[Surgery in infective endocarditis as prophylaxis against impending embolism—two-dimensional echocardiographic study] Shigenobu M, et al. **Kyobu Geka** 1985 Mar; 38(3):195–9 (Eng. Abstr.) **(Jpn)**
[Surgical treatment of infective endocarditis] Takaba T, et al. **Kyobu Geka** 1984 Sep;37(10):749–56 (Eng. Abstr.) **(Jpn)**
[Successful treatment of translocation of the aortic valve for repeated prosthetic valve endocarditis] Abe T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jun;32(6):954–60 (Eng. Abstr.) **(Jpn)**
[Surgical treatment of infective endocarditis] Aoyagi S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jul;32(7):1012–7 (Eng. Abstr.) **(Jpn)**
[Surgical treatment of infective endocarditis] Arikawa K, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Nov; 32(11):1985–90 (Eng. Abstr.) **(Jpn)**
[Surgical treatment of active infective endocarditis with the perforation of the mitral and aortic valves] Eishi K, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Aug;32(8):1268–73 (Eng. Abstr.) **(Jpn)**
[Surgical treatment of infective endocarditis in Marfan syndrome—a report of two successfully treated cases] Hachida M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Oct;32(10):1864–71 (Eng. Abstr.) **(Jpn)**
[A successful emergency operation in a patient with late active bioprosthetic valve endocarditis occurring 4 years later following Bentall's operation and mitral valve replacement] Seino R, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jul;32(7):1101–8 (Eng. Abstr.) **(Jpn)**
[Surgical treatment of septic endocarditis] Solov'ev GM. **Kardiologiia** 1984 Jul;24(7):5–9 **(Rus)**
[Septic endocarditis in cardiosurgical clinical practice] Solov'ev GM, et al. **Kardiologiia** 1984 Jul;24(7):14–9 (Eng. Abstr.) **(Rus)**
[Characteristics of surgical interventions on the heart in active infectious endocarditis] Shevchenko IuL. **Vestn Khir** 1984 Aug;133(8):8–13 (Eng. Abstr.) **(Rus)**

THERAPY

The challenge and the reproach of infective endocarditis. Goodwin JF. **Br Heart J** 1985 Aug;54(2):115–8
Indices of effectiveness of medical and surgical treatment in 40 cases of prosthetic valve endocarditis. Gayet JL, et al. **Eur Heart J** 1984 Oct;5 Suppl C:133–7
Prosthetic valve endocarditis: clinical findings and management. Horstkotte D, et al. **Eur Heart J** 1984 Oct; 5 Suppl C:117–22
Long-term follow-up of native valve infective endocarditis. Tornos-Mas MP, et al. **Eur Heart J** 1984 Oct;5 Suppl C:107–10
[Therapy and prevention of infectious endocarditis] Horstkotte D, et al. **Schweiz Med Wochenschr** 1984 Nov 10;114(45):1575–86 (Eng. Abstr.) **(Ger)**
[Experience in the treatment of patients with infectious endocarditis in communicable disease departments] Bodor G, et al. **Orv Hetil** 1985 Apr 28;126(17):1023–6 (Eng. Abstr.) **(Hun)**
[Therapy of prosthetic valve endocarditis] Nirei T, et al. **Kokyu To Junkan** 1984 Nov;32(11):1173–7 (Eng. Abstr.) **(Jpn)**
[Infectious endocarditis] Garrido Peralta M. **Med Clin (Barc)** 1985 Apr 30;84(16):655–6 **(Spa)**

VETERINARY

Bacterial endocarditis and thromboembolism of a pelvic limb in an emu. Randolph JF, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1409–10

ENDOCARDITIS LENTA see **ENDOCARDITIS, SUBACUTE BACTERIAL**

ENDOCARDITIS, SUBACUTE BACTERIAL

Pediatric bacterial endocarditis. Long-term follow-up. Fisher RG, et al. **Cleve Clin Q** 1985 Spring;52(1):41–5

COMPLICATIONS

Rheumatic symptoms and signs in subacute infective endocarditis. Azevedo J, et al. **Eur Heart J** 1984 Oct;5 Suppl C:71–5
[A form of Osler's endocarditis with a rheumatologic onset] Gueddiche M, et al. **Tunis Med** 1984 Jan–Feb;62(1):79–81 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

[Echocardiographic detection of endocarditis vegetations of the tricuspid valve in 2 children with ventricular septal defect] Hofstetter R, et al. **Klin Padiatr** 1984 Sep–Oct; 196(5):277–80 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Subacute bacterial endocarditis following ear acupuncture [letter] Cheng TO, et al. **Int J Cardiol** 1985 May;8(1):97
Streptococcus bovis subacute bacterial endocarditis as a presenting symptom of occult double carcinoma of the colon. Trajber I, et al. **J Surg Oncol** 1984 Nov;27(3):186–8

MICROBIOLOGY

Viridans streptococci in infective endocarditis: species distribution and susceptibility to antibiotics. Horaud T, et al. **Eur Heart J** 1984 Oct;5 Suppl C:39–44

PHYSIOPATHOLOGY

[Physiopathology of infectious endocarditis] Glauser MP. **Schweiz Med Wochenschr** 1984 Nov 10;114(45):1560–6 (Eng. Abstr.) **(Fre)**

ENDOCARDIUM

Inverse relation between patient age and chronic stimulation threshold in permanent endocardial ventricular pacing. Brandt J, et al. **Am Heart J** 1985 Apr;109(4):816–20

EMBRYOLOGY

The role of atrioventricular endocardial cushions in the septation of the heart. Wenink AC, et al. **Int J Cardiol** 1985 May;8(1):25–44

INNERVATION

Encircling endocardial incision interrupts efferent vagal-induced prolongation of endocardial and epicardial refractoriness in the dog. Chilson DA, et al. **J Am Coll Cardiol** 1985 Feb;5(2 Pt 1):290-6

PATHOLOGY

The significance of the subendocardial infarction. Meyer SA. **Am Fam Physician** 1985 Feb;31(2):123-6 (7 ref.)

Diagnosis of endocardial fibroelastosis by endomyocardial biopsy in an adult with dilated cardiomyopathy. Stamato NJ, et al. **Am Heart J** 1985 Apr;109(4):919-20

Findings on endomyocardial biopsy in infants and children with dilated cardiomyopathy. Lewis AB, et al. **Am J Cardiol** 1985 Jan 1;55(1):143-5

Right ventricular endomyocardial biopsy in undetermined form of Chagas' disease. Mady C, et al. **Angiology** 1984 Dec;35(12):755-9

Endomyocardial biopsy: a review of the literature. Przybojewski JZ. **Cathet Cardiovasc Diagn** 1985; 11(3):287-330

Left ventricular endomyocardial biopsy in children with the transseptal long sheath technique. Rios B, et al. **Cathet Cardiovasc Diagn** 1984;10(4):417-23

Endomyocardial biopsy: the balance of success and failure. Mason JW. **Circulation** 1985 Feb;71(2):185-8

Lateral border zone: quantitation of lateral extension of subendocardial infarction in the dog. Forman R, et al. **J Am Coll Cardiol** 1985 May;5(5):1125-31

Sequelae of left ventricular electrical endocardial ablation. Westveer DC, et al. **J Am Coll Cardiol** 1985 Apr; 5(4):956-62

Histopathological findings of acute and convalescent myocarditis obtained by serial endomyocardial biopsy. Yu ZX, et al. **Jpn Circ J** 1984 Dec;48(12):1368-74

Subendocardial infarction [editorial] **Lancet** 1985 Mar 16; 1(8429):615-6

Endomyocardial biopsy in the diagnosis of myocarditis [letter] Krainin FM. **N Engl J Med** 1985 Aug 15;313(7):452

Multiple papilliform proliferation of the endocardium of the chordae tendineae cordis in cattle. Iida T, et al. **Nippon Juigaku Zasshi** 1984 Jun;46(3):419-22

Human cardiac transplantation—evaluation of morphological changes in serial endomyocardial biopsies. Gokel JM, et al. **Pathol Res Pract** 1985 Jan;179(3):354-64

Subendocardial infarction in two young boys. Cotton DW, et al. **Resuscitation** 1984 Nov;12(3):181-5

[Clinical application of endomyocardial biopsy—report of 36 cases] Sun JC. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Jun; 12(2):99-100 **(Chi)**

[Significance of endomyocardial biopsy for heart transplantation] Urbanová D, et al. **Cesk Patol** 1985 Feb; 21(1):8-11 (Eng. Abstr.) **(Cze)**

[Dilated cardiomyopathy in childhood: intravital differentiation of endocardial fibroelastosis using transvascular endomyocardial biopsy] Schmaltz AA, et al. **Herz** 1984 Aug;9(4):237-43 (Eng. Abstr.) **(Ger)**

[Endomyocardial biopsy: experience with 156 patients] Salvi A, et al. **G Ital Cardiol** 1985 Mar;15(3):251-9 (Eng. Abstr.) **(Ita)**

PHYSIOPATHOLOGY

Endocardial activation mapping and endocardial pace-mapping using a balloon apparatus. Fann JI, et al. **Am J Cardiol** 1985 Apr 1;55(8):1076-83

Comparison of geometrical models for evaluating left ventricular wall motion from cineangiograms. Lorente P, et al. **Biorheology** 1984;Suppl 1:175-82

Intraoperative endocardial mapping during sinus rhythm: relationship to site of origin of ventricular tachycardia. Kienzle MG, et al. **Circulation** 1984 Dec;70(6):957-65

Appropriate diagnostic studies for arrhythmia surgery. Marchlinski FE, et al. **PACE** 1984 Sep;7(5):902-16 (82 ref.)

[Postextrasystolic potentiation after total or partial coronary occlusion in dogs] Yamazaki H, et al. **Kokyu To Junkan** 1985 Jun;33(6):799-803 (Eng. Abstr.) **(Jpn)**

SURGERY

Subendocardial resection for sustained ventricular tachycardia in the early period after acute myocardial infarction. Miller JM, et al. **Am J Cardiol** 1985 Apr 1; 55(8):980-4

Laser photoablation of pathological endocardium: in vitro findings suggesting a new approach to the surgical treatment of refractory arrhythmias and restrictive cardiomyopathy. Isner JM, et al. **Ann Thorac Surg** 1985 Mar;39(3):201-6

Transcatheter ablation: comparison between laser photoablation and electrode shock ablation in the dog. Lee BI, et al. **Circulation** 1985 Mar;71(3):579-86

Body surface late potentials: effects of endocardial resection in patients with ventricular tachycardia. Marcus NH, et al. **Circulation** 1984 Oct;70(4):632-7

Subendocardial resection for ventricular tachycardia: predictors of surgical success. Miller JM, et al. **Circulation** 1984 Oct;70(4):624-31

Surgical management of ventricular tachycardia. Markmann PJ, et al. **Heart Lung** 1984 Nov;13(6):622-33

Assessment and treatment of life-threatening ventricular arrhythmias: the role of programmed electrical stimulation, intraoperative mapping, and endocardial resection. Summers C, et al. **Heart Lung** 1985 Mar;14(2):130-41

Encircling endocardial resection with complete removal of endocardial scar without intraoperative mapping for the ablation of drug-resistant ventricular tachycardia. Landymore RW, et al. **J Thorac Cardiovasc Surg** 1985 Jan; 89(1):18-24

Operative therapy for ventricular arrhythmia. Moran JM, et al. **Med Clin North Am** 1984 Sep;68(5):1367-83

Surgical removal of entrapped endocardial leads without using extracorporeal circulation. Dubernet J, et al. **PACE** 1985 Mar;8(2):175-80

Endocardectomy for the surgical treatment of endocardial fibrosis of the left ventricle. Russo PA, et al. **Thorax** 1985 Aug;40(8):621-5

[The course of endomyocardial fibrosis following surgical endocardial decortication] Hess OM, et al. **Schweiz Med Wochenschr** 1984 Nov 10;114(45):1595-8 (Eng. Abstr.) **(Ger)**

ULTRASTRUCTURE

Essential features of endocardial and myocardial morphology: SEM and TEM studies. Koprla EC, et al. **Acta Physiol Hung** 1984;64(1):65-79

Flunixin meglumine attenuation of endotoxin-induced damage to the cardiopulmonary vascular endothelium of the pony. Turek JJ, et al. **Am J Vet Res** 1985 Mar; 46(3):591-6

Ultrastructural features of the endomyocardium in patients with eosinophilic heart disease. An endomyocardial biopsy study. Sekiguchi M, et al. **Jpn Circ J** 1984 Dec; 48(12):1375-82

Ultrastructural comparative study on lymphatic capillaries of the subendocardium, myocardium, and subepicardium of the heart left ventricle. Boucher Y, et al. **Microvasc Res** 1985 May;29(3):305-19

[Electron microscopic observations on endocardial and myocardial biopsy specimens in dilated cardiomyopathy] Li XZ. **Chung Hua I Hsueh Tsa Chih** 1984 Dec; 64(12):753-5 **(Chi)**

ENDOCRINE DISEASES

Program of plenary sessions and advance abstracts of short papers: 29. Symposium Deutsche Gesellschaft für Endokrinologie, Göttingen, February 20-23, 1985. **Acta Endocrinol [Suppl] (Copenh)** 1985;267:1-190

Short papers: 10th annual meeting of the Hellenic Endocrine Society. Athens, December 4-5, 1982. **Acta Endocrinol [Suppl] (Copenh)** 1984;265:1-54

Polyglandular autoimmune syndromes. Leshin M. **Am J Med Sci** 1985 Aug;290(2):77-88 (92 ref.)

4th joint meeting of British endocrine societies. 25-28 March 1985. Oxford. Abstracts. **J Endocrinol** 1985 Mar;104 Suppl:1-140

[Summaries of communications presented at the annual meeting of the Fondation de Recherche en Hormonologie. (Paris) 26 January 1984] **Pathol Biol (Paris)** 1984 Oct; 32(8):823-910 **(Fre)**

[The Pisa Endocrinology Seminar. Pisa, 31 May-1 June 1985. Abstracts of communications] **J Endocrinol Invest** 1985;8 Suppl 1:1-196 **(Ita)**

[The 58th congress of the Japan Endocrine Society. Nagoya, Japan, May 14-16, 1985. Abstracts] **Nippon Naibunpi Gakkai Zasshi** 1985 Apr 20;61(4):1-523 **(Jpn)**

[57th fall meeting of the Japan Endocrine Society. Kobe, Japan, 1-2 November 1984. Abstracts] **Nippon Naibunpi Gakkai Zasshi** 1984 Sep 20;60 Suppl:1027-186 **(Jpn)**

CHEMICALLY INDUCED

Neuroendocrinological and biochemical effects of chronic neuroleptic treatment. Hippius H, et al. **Adv Biochem Psychopharmacol** 1985;40:9-13 (25 ref.)

Long-term effects of neuroleptic drugs on the neuroendocrine system. Meltzer HY. **Adv Biochem Psychopharmacol** 1985;40:59-68 (57 ref.)

Endocrine and reproductive dysfunction in men associated with occupational inorganic lead intoxication. Cullen MR, et al. **Arch Environ Health** 1984 Nov-Dec;39(6):431-40

Effects of chronic anticonvulsant monotherapy on endocrine system in prepubertal children with convulsive disorders. Preliminary data. Specchio LM, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):189-94

Endocrinologic effects of antihypertensive therapy with guanabenz or hydrochlorothiazide. Eldridge JC, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 5:S776-80

Endocrine abnormalities in solvent sniffers [letter] Prasad AJ. **Psychoneuroendocrinology** 1984;9(3):315-6

COMPLICATIONS

Ocular findings in the candidiasis-endocrinopathy syndrome. Traboulsi EI, et al. **Am J Ophthalmol** 1985 Apr 15; 99(4):486-7

Coexisting medical problems: assessment and management for surgery. Smith DR, et al. **Int Anesthesiol Clin** 1984 Fall;22(3):61-73

Cutaneous angiomas in POEMS syndrome. Puig L, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 2):961-4

The complex of myxomas, spotty pigmentation, and endocrine overactivity. Carney JA, et al. **Medicine (Baltimore)** 1985 Jul;64(4):270-83

Frequency of endocrine disorders in patients with the Zollinger-Ellison syndrome. Bardram L, et al. **Scand J Gastroenterol** 1985 Mar;20(2):233-8

Acanthosis nigricans combined with endocrinopathy—2 case reports. Cherng WJ, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jun;83(6):592-9

[Recent attainments in the field of impotence. II - Venous, neuropathic and endocrine impotence and the strategy for its exploration] Buvat J, et al. **LARC Med** 1984 Aug-Sep; 4(7):433-9 (Eng. Abstr.) **(Fre)**

[Diagnosis and treatment of endocrine and fallopian tube-induced causes of sterility in the female] Distler W, et al. **Gynakologe** 1985 Jun;18(2):54-62 **(Ger)**

[Endocrinologic aspects of male infertility] Knuth UA, et al. **Gynakologe** 1985 Jun;18(2):63-9 **(Ger)**

[Endocrine and metabolic polyneuropathies] Meier C. **Internist (Berlin)** 1984 Oct;25(10):620-8 **(Ger)**

[A case of plasma cell dyscrasia with polyneuropathy and endocrinopathy associated with Castleman lymphoma showing monoclonal proliferation] Taneichi K, et al. **Nippon Naika Gakkai Zasshi** 1985 Mar;74(3):351-6 **(Jpn)**

CONGENITAL

Effects of anticonvulsant monotherapy in pregnancy on the newborn endocrine system. Preliminary data. Specchio LM, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):195-8

Mechanisms of insulin resistance in cultured fibroblasts from a patient with leprechaunism: impaired post-binding actions of insulin and multiplication-stimulating activity. Craig JW, et al. **Metabolism** 1984 Dec;33(12):1084-96

DIAGNOSIS

How autoantibody tests can help to diagnose endocrine disorders. Doniach D, et al. **Asian Pac J Allergy Immunol** 1983 Jun;1(1):37-43

Investigations of endocrine disorders. **Clin Endocrinol Metab** 1985 Feb;14(1):1-298

Diagnosis of human endocrine disorders using recombinant DNA techniques. Dobs AS, et al. **Clin Endocrinol Metab** 1985 Feb;14(1):273-94 (75 ref.)

The use of cytogenetic techniques for the diagnosis of endocrine diseases. Gordon LP. **Clin Lab Med** 1984 Dec; 4(4):835-44 (42 ref.)

Tumors of the diffuse endocrine system, histochemical and electron-optic aids, and pitfalls in diagnosis. Silva EG. **CRC Crit Rev Clin Lab Sci** 1984;21(1):19-49 (127 ref.)

Renal ultrasound in POEMS syndrome. Arenson AM, et al. **JCU** 1985 Mar-Apr;13(3):208-9

Psychiatric symptoms in endocrine diseases. Keys to identifying the underlying disorder. Peterson LG, et al. **Postgrad Med** 1985 Apr;77(5):233-6, 239

[Radiologic approach to endocrine pathology in childhood] Kalifa G, et al. **Radiol Med (Torino)** 1984 Sep;70(9):615-23 (Eng. Abstr.) **(Ita)**

[Progress in endocrinology] Hartwig W. **Pol Arch Med Wewn** 1984 May;71(5):323-7 **(Pol)**

DRUG THERAPY

Testolactone treatment of precocious puberty in McCune-Albright syndrome. Foster CM, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):254-7

Advances in endocrine pharmacotherapeutics. Part—II. Ahuja MM, et al. **J Assoc Physicians India** 1984 Oct; 32(10):885-92

[Cyclosporin A treatment in severe endocrine ophthalmopathy (letter)] Utech C, et al. **Dtsch Med Wochenschr** 1985 Jan 25;110(4):155-6 **(Ger)**

[Use of parlodel in endocrine diseases] Pronin VS, et al. **Probl Endokrinol (Mosk)** 1984 Nov-Dec;30(6):36-8 **(Rus)**

ETIOLOGY

[Endocrine and metabolic disorders in anorexia nervosa. Their meaning] Chupin M, et al. **Encephale** 1984; 10(3):125-9 (Eng. Abstr.) **(Fre)**

[Hypothalamic endocrine disorders disclosing Bourneville's tuberous sclerosis (letter)] de Tinguy Du Pouet M, et al. **Presse Med** 1985 Mar 9;14(10):599 **(Fre)**

[Various hormonal disorders in obesity] Szurkowski M, et al. **Pol Tyg Lek** 1984 Dec 3;39(49):1625-8 (38 ref.) **(Pol)**

[Hormonal disorders after radical operations on the pancreas (a review of the literature)] Blagovidov DF, et al. **Khirurgiia (Mosk)** 1985 Jan;(1):106-11 (38 ref.) **(Rus)**

[Endocrine disorders in 'empty' sella turcica] Mizetskaia EA, et al. **Zh Vopr Neirokhir** 1984 Nov-Dec;(6):12-7 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

[Multiple endocrine deficiency syndrome. Presentation of 3 new cases] Ramírez Muñoz L, et al. **Med Clin (Barc)** 1985 Jan 12;84(1):20-2 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Localisation of C-terminal gastrin immunoreactivity in gastrinoma cells. An immunoelectron microscopy study on conventionally processed tissue. Berger G, et al. **Virchows Arch** [A] 1985;406(2):223-36

METABOLISM

Assessment of hormonal disorders of water metabolism. Miller M. **Clin Lab Med** 1984 Dec;4(4):729-44 (37 ref.)

MICROBIOLOGY

[Value of mycological tests for the prevention of secondary candidiasis in patients with various endocrine disorders] Agarunova IuS, et al. **Vestn Dermatol Venerol** 1985 May;(5):66-70 (Eng. Abstr.) **(Rus)**

PATHOLOGY

[Malignant tumors of the uterus characterized by endocrine differentiation] Serezhin BS, et al. **Vopr Onkol** 1985;31(3):40-7 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Behavioral and neurochemical changes in long-term hyperprolactinemia. Drago F, et al. **Adv Biochem Psychopharmacol** 1985;40:47-58 (44 ref.)

Drug toxicity and hormonal dysfunction. Eichelbaum M. **Arch Toxicol [Suppl]** 1984;7:39-47

1983 Upjohn Award lecture. Endocrine dysfunction and cardiac performance. McNeill JH. **Can J Physiol Pharmacol** 1985 Jan;63(1):1-8

Acid-base pathophysiology in endocrine diseases. Perez GO, et al. **Miner Electrolyte Metab** 1985;11(3):192-204 (98 ref.)

Isolated gonadotrope failure in the polyglandular autoimmune syndrome. Barkan AL, et al. **N Engl J Med** 1985 Jun 13;312(24):1535-40

The polyendocrine deficiency syndromes [editorial] Loriaux DL. **N Engl J Med** 1985 Jun 13;312(24):1568-9

Clinical relevance of steroid receptor determinations. Poortman J. **Neth J Med** 1985;28(2):69-73 (18 ref.)

Isometric muscle contraction in endocrine myopathies. Maurer K, et al. **Neurology** 1985 Mar;35(3):333-7

Performance and intelligence in hormonally different groups. Nyborg H. **Prog Brain Res** 1984;61:491-508 (79 ref.)

SURGERY

[Apudomas secreting amines and polypeptides. Anesthesia and its complications] de Luna Infante MJ, et al. **Rev Esp Anestesiol Reanim** 1984 May-Jun;31(3):105-14 (Eng. Abstr.) **(Spa)**

THERAPY

[New therapeutic approaches in endocrinology] Marek J, et al. **Cas Lek Cesk** 1984 Jun 29;123(26):785-9 (Eng. Abstr.) **(Cze)**

[Plasmapheresis--an enrichment in the therapy of autoimmune endocrinopathies (letter)] Bambauer R. **Dtsch Med Wochenschr** 1984 Dec 7;109(49):1904 **(Ger)**

VETERINARY

Idiopathic precocious puberty in the chimpanzee: a case report. Winterer J, et al. **J Med Primatol** 1984;13(2):73-9

Symposium on endocrinology. **Vet Clin North Am [Small Anim Pract]** 1984 Jul;14(4):719-951

Endocrine tumors. Orsher RJ, et al. **Vet Clin North Am [Small Anim Pract]** 1985 May;15(3):643-58 (51 ref.)

Anesthetic and surgical management of endocrine disorders. Peterson ME, et al. **Vet Clin North Am [Small Anim Pract]** 1984 Jul;14(4):911-25 (34 ref.)

Selected feline endocrinopathies. Randolph JF, et al. **Vet Clin North Am [Small Anim Pract]** 1984 Nov;14(6):1261-70 (47 ref.)

ENDOCRINE GLANDS

Program of plenary sessions and advance abstracts of short papers: 29. Symposium Deutsche Gesellschaft für Endokrinologie, Göttingen, February 20-23, 1985. **Acta Endocrinol [Suppl] (Copenh)** 1985;267:1-190

Symposium: Neuroendocrinology. Proceedings of the Anatomical Society of Great Britain and Ireland. July 1984. Abstracts. **J Anat** 1984 Dec;139 (Pt 4):713-72

4th joint meeting of British endocrine societies. 25-28 March 1985. Oxford. Abstracts. **J Endocrinol** 1985 Mar;104 Suppl:1-140

[Summaries of communications presented at the annual meeting of the Fondation de Recherche en Hormonologie. (Paris) 26 January 1984] **Pathol Biol (Paris)** 1984 Oct;32(8):823-910 **(Fre)**

[The Pisa Endocrinology Seminar. Pisa, 31 May-1 June 1985. Abstracts of communications] **J Endocrinol Invest** 1985;8 Suppl 1:1-196 **(Ita)**

[Various debatable positions in the doctrine of anthropogenesis in light of concepts concerning destabilizing selection and findings of modern paleoendocrinology (on the 100th anniversary of the birth of I. I. Shmal'gauzen)] Nikitiuk BA, et al. **Arkh Anat Gistol Embriol** 1984 Aug;87(8):5-14 **(Rus)**

ANALYSIS

Immunohistochemical localization of cardiodilatin in myoendocrine cells of the cardiac atria. Metz J, et al. **Anat Embryol (Berl)** 1984;170(2):123-7

The auricular myocardiocytes of the heart constitute an endocrine organ. Characterization of a porcine cardiac peptide hormone, cardiodilatin-126. Forssmann WG, et al. **Cell Tissue Res** 1984;238(3):425-30

Parvalbumin exists in rat endocrine glands. Endo T, et al. **Endocrinology** 1985 Aug;117(2):527-31

Adipokinetic hormone-immunoreactive peptide in the endocrine and central nervous system of several insect species: a comparative immunocytochemical approach. Schooneveld H, et al. **Gen Comp Endocrinol** 1985 Feb;57(2):184-94

Peptide YY (PYY) immunoreactivity is co-stored with glucagon-related immunoreactants in endocrine cells of the gut and pancreas. Ali-Rachedi A, et al. **Histochemistry** 1984;80(5):487-91

Ultrastructural localization of secretin in endocrine cells of the dog duodenum by the immunogold technique. Comparison with ultrastructurally characterized S cells of various mammals. Usellini L, et al. **Histochemistry** 1984;80(5):435-41

Immunohistological evidence for renin in human endocrine tissues. Naruse K, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):172-7

Coexistence of peptide YY and glicentin immunoreactivity in endocrine cells of the gut. Böttcher G, et al. **Regul Pept** 1984 Jul;8(4):261-6

CYTOLOGY

Endocrine cell populations in the colon and rectum of cat, dog, and monkey: fine structure, immunocytochemistry, and distribution. Peranzi G, et al. **Anat Rec** 1984 Sep;210(1):87-100

Ultrastructural study of the endocrine cells of the abomasum mucosa in pre-ruminant calves. Domeneghini C, et al. **Basic Appl Histochem** 1985;29(1):49-80

Detection of endocrine cells by immunofluorescence method in the gastroenteropancreatic system of the adult eel, glass-eel, and leptocephalic larva (Anguilla anguilla L.). L'Hermite A, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):347-59

The distribution of endocrine cell progenitors in the gut of chick embryos. Rawdon BB, et al. **J Embryol Exp Morphol** 1984 Aug;82:131-45

Staining of different endocrine cells with hydrochloric acid-toluidine blue in Epon embedded rat tissue. Pabst MA. **Stain Technol** 1985 Mar;60(2):93-8

DRUG EFFECTS

Ketoconazole metamorphosis. An antimicrobial becomes an endocrine drug. Stevens DA. **Arch Intern Med** 1985 May;145(5):813-5

Endocrinological studies with (7 alpha, 17 alpha)-17-hydroxy-7-methyl-19-norpregn-5(10)-en-20-y (Org OD 14). de Visser J, et al. **Arzneimittelforsch** 1984;34(9):1010-7

Avian endocrine responses to environmental pollutants. Rattner BA, et al. **J Exp Zool** 1984 Dec;232(3):683-9 (33 ref.)

Effects of xylazine immobilization on biochemical and endocrine values in white-tailed deer. Chao CC, et al. **J Wildl Dis** 1984 Oct;20(4):328-32

Marijuana effects on the endocrine and reproductive systems. Discussion and recommendations. Braude MC. **Natl Inst Drug Abuse Res Monogr Ser** 1984;44:124-9

Endocrine aspects of cannabinoid action in female subprimates: search for sites of action. Tyrey L. **Natl Inst Drug Abuse Res Monogr Ser** 1984;44:65-81 (53 ref.)

Effects of P-chlorophenylalanine on pineal and endocrine function in the rat. Niles LP, et al. **Pharmacol Res Commun** 1984 Sep;16(9):851-64

GROWTH & DEVELOPMENT

Ontogeny of endocrine cells in the gut of the insect Periplaneta americana. Endo Y. **Cell Tissue Res** 1984;238(2):421-3

METABOLISM

Endocrine profile of pregnancy in the patas monkey (Erythrocebus patas). Winterer J, et al. **Endocrinology** 1985 Mar;116(3):1090-3

Identification of a transmembrane glycoprotein specific for secretory vesicles of neural and endocrine cells. Buckley K, et al. **J Cell Biol** 1985 Apr;100(4):1284-94

Chromogranin A: studies in the endocrine system. O'Connor DT, et al. **Trans Assoc Am Physicians** 1984;97:242-50

[Histochemical and immunohistochemical identification of endocrine cells in the internal ear] Soldatov IB, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):80-1 (Eng. Abstr.) **(Rus)**

PATHOLOGY

The endocrine glands in Pompe's disease. Report of two cases. Hui KS, et al. **Arch Pathol Lab Med** 1985 Oct;109(10):921-5

Structure and behaviour of Stannius corpuscles in relation to vitamin D3 induced hypercalcemia in male Clarias batrachus. Srivastav SP, et al. **Cell Mol Biol** 1985;31(1):1-5

Pathology of endocrine organs in chronic renal failure--an autopsy analysis of 66 patients. Elias AN, et al. **Int J Artif Organs** 1984 Sep;7(5):251-6

Endocrine cells in extrahepatic bile duct carcinoma. Yamamoto M, et al. **J Cancer Res Clin Oncol** 1984;108(3):331-5

The effect of experimental schistosomiasis mansoni on some endocrine glands and growth of hamsters. Hamdy EI, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):537-42

Morphometry in endocrine pathology. Oberholzer M, et al. **Pathol Res Pract** 1984 Nov;179(2):220-4

[Endocrine structures of the kidney in hypertension] Tsibel' BN, et al. **Arkh Patol** 1984;46(9):62-8 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Interregulations between the immune system and the central nervous system: physiological and pathological consequences. Wybran J. **Acta Clin Belg** 1984;39(3):131-5

Short papers: 10th annual meeting of the Hellenic Endocrine Society. Athens, December 4-5, 1982. **Acta Endocrinol [Suppl] (Copenh)** 1984;265:1-54

Endocrine control of thymic serum factor production in young-adult and old mice. Fabris N, et al. **Cell Immunol** 1985 Apr 1;91(2):325-35

Stannius corpuscles and plasma calcium levels during the reproductive cycle in the cichlid teleost fish, Oreochromis mossambicus. Urasa FM, et al. **Cell Tissue Res** 1985;241(1):219-27

Endocrine and metabolic responses after standardized moderate surgical trauma: influence of age and sex. Håkanson E, et al. **Clin Physiol** 1984 Dec;4(6):461-73

Endocrine regulations of ovarian maturation in the cockroach Blaberus discoidalis. Keeley LL, et al. **Comp Biochem Physiol** [A] 1985;80(1):115-21

Possible endocrine role of the pineal gland for 6-methoxytetrahydro-beta-carboline, a putative endogenous neuromodulator of the [3H]imipramine recognition site. Langer SZ, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):379-80

The correlation of fine structure with endocrine function of ovarian follicle cells in tadpoles. Hsü CY, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):77-87

Development of stage-specific paracrine regulation of Leydig cells by the seminiferous tubules. Bergh A. **Int J Androl** 1985 Feb;8(1):80-5

A review of endocrine regulation of metabolism during lactation. Collier RJ, et al. **J Anim Sci** 1984 Aug;59(2):498-510 (97 ref.)

Endocrine regulation of reproductive development and function in the male. Desjardins C. **J Anim Sci** 1978;47 Suppl 2:56-79 (216 ref.)

Endocrine regulation of fetal and postnatal meat animal growth. Etherton TD, et al. **J Anim Sci** 1984 Aug;59(2):511-28 (161 ref.)

Postpartum endocrine function of cattle, sheep and swine. Wettemann RP. **J Anim Sci** 1980;51 Suppl 2:2-15 (154 ref.)

Source of stray voltage and effect on cow health and performance. Appleman RD, et al. **J Dairy Sci** 1985 Jun;68(6):1554-67 (40 ref.)

Endocrine regulation of avian renal function. Braun EJ, et al. **J Exp Zool** 1984 Dec;232(3):715-23 (41 ref.)

Endocrine control of the nasal salt glands in birds. Butler DG. **J Exp Zool** 1984 Dec;232(3):725-36 (34 ref.)

Immune-neuroendocrine interactions. Besedovsky HO, et al. **J Immunol** 1985 Aug;135(2 Suppl):750s-754s

Peptide hormones shared by the neuroendocrine and immunologic systems. Blalock JE, et al. **J Immunol** 1985 Aug;135(2 Suppl):858s-861s

Hemodynamic and endocrine parameters in the anesthetized cynomolgus monkey: a primate model. Udelsman R, et al. **J Med Primatol** 1984;13(6):327-38

Can the human neonate mount an endocrine and metabolic response to surgery? Anand KJ, et al. **J Pediatr Surg** 1985 Feb;20(1):41-8

Temporal correlation of some endocrine circadian rhythms in elderly subjects. Cugini P, et al. **Maturitas** 1985 Jul;7(2):175-86

Interrelation between body composition and endocrine system in healthy elderly people. Wórum I, et al. **Mech Ageing Dev** 1984 Dec;28(2-3):315-24

Endocrinology of pregnancy. Kase NG, et al. **Mt Sinai J Med (NY)** 1985 Jan;52(1):11-34 (110 ref.)

Endocrine effects of marijuana in the male: preclinical studies. Harclerode J. **Natl Inst Drug Abuse Res Monogr Ser** 1984;44:46-64 (74 ref.)

Brain-endocrine interaction V. The Schmitt brain symposium. 'Neuropeptides: central and peripheral'.Proceedings of the Fifth Brain-Endocrine Interaction Symposium. Wurzburg, Federal Republic of Germany, July 27-29, 1983. **Peptides (Fayetteville)** 1984;5 Suppl 1:1-281

Peptidergic regulation in neuroendocrine and autonomic systems. Elde R, et al. **Peptides (Fayetteville)** 1984;5 Suppl 1:101-7 (63 ref.)

The A-B-C (Allocortex-Brainstem-Core) circuitry of endocrine-autonomic integration and regulation: a proposed hypothesis on the anatomical-functional relationships between estradiol sites of action and peptidergic-aminergic neuronal systems. Stumpf WE, et al. **Peptides (Fayetteville)** 1984;5 Suppl 1:221–6 (43 ref.)

Neurotensin. Immunohistochemical localization in central and peripheral nervous system and in endocrine cells and its functional role as neurotransmitter and endocrine hormone. Reinecke M. **Prog Histochem Cytochem** 1985; 16(1):1–172 (459 ref.)

Mouse mutants as models in endocrine research. Charlton HM. **Q J Exp Physiol** 1984 Oct;69(4):655–76 (132 ref.)

[The relationship between endocrinology and immunology] Wang FZ. **Sheng Li Ko Hsueh Chin Chan** 1984 Jan; 15(1):1–4 **(Chi)**

[The 58th congress of the Japan Endocrine Society. Nagoya, Japan, May 14–16, 1985. Abstracts] **Nippon Naibunpi Gakkai Zasshi** 1985 Apr 20;61(4):1–523 **(Jpn)**

[57th fall meeting of the Japan Endocrine Society. Kobe, Japan, 1–2 November 1984. Abstracts] **Nippon Naibunpi Gakkai Zasshi** 1984 Sep 20;60 Suppl:1027–186 **(Jpn)**

[Functional relations between neurohormonal and immunological systems] Muranyi M. **Neuropatol Pol** 1985; 23(1):1–21 (86 ref.) (Eng. Abstr.) **(Pol)**

[Endocrine mechanisms regulating gastric secretion at rest and during muscle activity] Kuznetsov AP. **Fiziol Cheloveka** 1985 Jan–Feb;11(1):138–46 **(Rus)**

[Restoration of the immune responsiveness and the state of the endocrine system in oncological patients during metabolic rehabilitation in the postoperative period] Khmelevskiĭ IaM, et al. **Vestn Akad Med Nauk SSSR** 1985; (1):34–41 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Cigarette smoking in hypertensive patients. Blood pressure and endocrine responses. Baer L, et al. **Am J Med** 1985 Apr;78(4):564–8

The heart. An endocrine organ (revisited). Frohlich ED. **Arch Intern Med** 1985 May;145(5):809–11

Hormone load tests in the first half of pregnancy—a diagnostic and therapeutic approach. Gerhard I, et al. **Biol Res Pregnancy Perinatol** 1984;5(4):157–73

Endocrinological aspects of obesity. Jung R. **Clin Endocrinol Metab** 1984 Nov;13(3):597–612 (64 ref.)

Circadian time structure of endocrine and biochemical parameters in adult onset (type II) diabetic patients. Nicolau GY, et al. **Endocrinologie** 1984 Oct–Dec;22(4):227–43

Hypothalamic and genetic obesity: an appraisal of the autonomic hypothesis and the endocrine hypothesis. Bray GA. **Int J Obes** 1984;8 Suppl 1:119–37 (192 ref.)

Endocrine dysfunction in children with Crohn's disease. Chong SK, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep; 3(4):529–34

Clinical, endocrine and ultrastructural study of XY gonadal dysgenesis. A case report. Blumenfeld Z, et al. **J Reprod Med** 1985 Mar;30(3):211–6

What's new in endocrine factors of tumor growth? Bosman FT, et al. **Pathol Res Pract** 1985 Jul;180(1):81–92 (123 ref.)

Immunocytochemical evidence for the ability of the human pharyngeal hypophysis to respond to change in endocrine feedback. Ciocca DR, et al. **Virchows Arch [A]** 1985; 405(4):497–502

[Neurophysiological analysis of the development of endocrine and hypertensive reactions in long-term emotional stress] Amiragova MG, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):153–7 (Eng. Abstr.) **(Rus)**

[Neurohormonal regulation in patients with vibration disease caused by local vibrations] Suvorov IM, et al. **Gig Sanit** 1985 Feb;(2):75 **(Rus)**

[Role of various endocrine glands in the pathogenesis of the neurologic symptoms of lumbar osteochondrosis] Gavrilina TV, et al. **Zh Nevropatol Psikhiatr** 1985;85(4):492–7 (Eng. Abstr.) **(Rus)**

SECRETION

Effects of exercise-heat acclimation on fluid, electrolyte, and endocrine responses during tilt and +Gz acceleration in women and men. Greenleaf JE, et al. **Aviat Space Environ Med** 1985 Jul;56(7):683–9

The carcinoid syndrome: neuroendocrine and chemical considerations. Aleshire SL, et al. **Clin Lab Med** 1984 Dec; 4(4):803–15 (72 ref.)

Endocrine response to physical efforts with equivalent total work loads but different intensities in man. Tatár P, et al. **Endocrinol Exp (Bratisl)** 1984 Dec;18(4):233–9

Does 1,25-dihydroxyvitamin D participate in the regulation of hormone release from endocrine glands? Hochberg Z, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):57–61

Exocrine and endocrine secretion of renin and epidermal growth factor from the mouse submandibular glands. Nexø E, et al. **Regul Pept** 1984 Jul;8(4):327–34

[Physiological and pharmacological actions of prostaglandins and related substances on the endocrine system] Kasai Y, et al. **Nippon Rinsho** 1985 Mar;43(3):507–13 (38 ref.) **(Jpn)**

[Role of enzymes of the digestive glands in the regulation of their secretion] Korot'ko GV. **Fiziol Zh SSSR** 1985 Feb; 71(2):171–81 (63 ref.) **(Rus)**

SURGERY

American Association of Endocrine Surgeons. Presidential address: Coming of age. Friesen SR. **Surgery** 1984 Dec; 96(6):949–56

[Endocrine therapy of breast cancer: a history] d'Auteuil P, et al. **Union Med Can** 1985 Feb;114(2):139–45 (Eng. Abstr.) **(Fre)**

ULTRASTRUCTURE

Ultrastructural study of the entero-endocrine cells of the sheep. Calingasan NY, et al. **Z Mikrosk Anat Forsch** 1984; 98(4):605–20

ENDOCRINOLOGY

see related
ENDOCRINE DISEASES

The Endocrine Society 1985 annual awards. **Endocrinology** 1985 Jul;117(1):431–7

EDUCATION

[Study of medicine based on the conceptual structure of science— using the example of diabetology] Olesińska-Serafin A, et al. **Pol Tyg Lek** 1984 Aug 20; 39(34):1153–7 **(Pol)**

HISTORY

The Endocrine Society: past and present. Presidential address of the Endocrine Society, 66th annual meeting. Fisher DA. **J Clin Endocrinol Metab** 1984 Dec;59(6):1229–33

Internal secretions in disease: the historical relations of clinical medicine and scientific physiology. Wilson LG. **J Hist Med Allied Sci** 1984 Jul;39(3):263–302

[Moritz Schiff and thyroid transplantation: an aspect of the beginnings of experimental endocrinology] Dreifuss JJ. **Rev Med Suisse Romande** 1984 Dec;104(12):957–65 **(Fre)**

ENDOCRINOLOGY AND METABOLISM (SPECIALTY)
see **ENDOCRINOLOGY**

ENDOCYTOSIS

see related
RECEPTOSOMES

Endocytosis in nonciliated epithelial cells of the ductuli efferentes in the rat. Hermo L, et al. **Am J Anat** 1984 Sep; 171(1):59–74

Receptor-mediated endocytosis: a model and its implications for experimental analysis. Gex-Fabry M, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R768–79

Endocytic uptake, transport, and catabolism of proteins by epithelial cells. Wall DA, et al. **Am J Physiol** 1985 Jan; 248(1 Pt 1):C12–20 (71 ref.)

Separation of endocytic vesicles in Nycodenz gradients. Kindberg GM, et al. **Anal Biochem** 1984 Nov 1; 142(2):455–62

Fluid-phase and adsorptive endocytosis in ciliated epithelial cells of the rat ductuli efferentes. Hermo L, et al. **Anat Rec** 1985 Mar;211(3):285–94

Receptor-mediated endocytosis of glucagon in isolated mouse hepatocytes. Watanabe J, et al. **Anat Rec** 1984 Dec; 210(4):557–67

Uptake of insulin and other ligands into receptor-rich endocytic components of target cells: the endosomal apparatus. Bergeron JJ, et al. **Annu Rev Physiol** 1985; 47:383–403 (171 ref.)

Endocytosis of bovine lactoperoxidase by two carbohydrate-specific receptors in rat liver. Hildenbrandt GR, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):1–10

Retro-endocytosis of low density lipoprotein by cultured human skin fibroblasts. Aulinskas TH, et al. **Arteriosclerosis** 1985 Jan–Feb;5(1):45–54

Verapamil enhances receptor-mediated endocytosis of low density lipoproteins by aortic cells in culture. Stein O, et al. **Arteriosclerosis** 1985 Jan–Feb;5(1):35–44

Entrapment of DNA and fluorescent compounds in erythrocyte carriers by endocytosis. Ihler MG. **Bibl Haematol** 1985;(51):127–33

Complexes of rat alpha 1-macroglobulin and subtilisin are endocytosed by parenchymal liver cells. Bergsma J, et al. **Biochem J** 1985 Feb 15;226(1):75–84

Several dehydrogenases and kinases compete for endocytosis from plasma by rat tissues. Bijsterbosch MK, et al. **Biochem J** 1985 Jul 15;229(2):409–17

Iodinated fibroblast beta-glucuronidase as a ligand for receptor-mediated endocytosis. Dean MF, et al. **Biochem J** 1985 Jul 1;229(1):213–9

Endocytosis and subsequent processing of 125I-labelled immunoglobulin G by guinea pig yolk sac in vitro. Douglas GC, et al. **Biochem J** 1985 Apr 15;227(2):639–50

Endocytosis of beta-adrenergic ligands by rat liver. Comparison of beta-adrenergic receptor and adenylate cyclase distribution in endosome and plasma-membrane fractions. Hadjiivanova N, et al. **Biochem J** 1984 Sep 15; 222(3):749–54

Endocytosis and degradation of chondroitin sulphate by liver endothelial cells. Smedsrød B, et al. **Biochem J** 1985 Jul 1;229(1):63–71

Uptake of mannose-terminated glycoproteins in isolated rat liver cells. Evidence for receptor-mediated endocytosis in hepatocytes. Tolleshaug H, et al. **Biochem J** 1984 Oct 1; 223(1):151–60

The influence of cellular ATP levels on receptor-mediated endocytosis and degradation of asialo-glycoproteins in suspended hepatocytes. Tolleshaug H, et al. **Biochem Pharmacol** 1985 May 15;34(10):1639–45

Substrate selection and processing in endocytosis. Lloyd JB, et al. **Biochem Soc Trans** 1984 Dec;12(6):977–8

Semliki forest virus entry and the endocytic pathway. Marsh M, et al. **Biochem Soc Trans** 1984 Dec;12(6):981–3

Binding and endocytosis of glycoproteins by isolated chicken hepatocytes. Kuhlenschmidt TB, et al. **Biochemistry** 1984 Dec 18;23(26):6437–44

Binding and endocytosis of heparin by human endothelial cells in culture. Bârzu T, et al. **Biochim Biophys Acta** 1985 May 30;845(2):196–203

Diacytosis of 125I-asialoorosomucoid by rat hepatocytes. A non-lysosomal pathway insensitive to inhibition by inhibitors of ligand degradation. Chang TM, et al. **Biochim Biophys Acta** 1984 Nov 13;805(3):268–76

Prolactin uptake into liver endocytic components. Reduced sensitivity to chloroquine. Khan RJ, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):77–83

Quantification of endocytosis-derived membrane traffic. Thilo L. **Biochim Biophys Acta** 1985 Sep 9;822(2):243–66 (118 ref.)

Endosomes transfer yolk proteins to lysosomes in the vitellogenic oocyte of the trout. Busson-Mabillot S. **Biol Cell** 1984;51(1):53–66

Inhibition of the endocytic pathway for asialoglycoprotein catabolism. Harford J, et al. **Biol Cell** 1984;51(2):173–9

Receptor-mediated endocytosis of alpha 2-macroglobulin and transferrin in rat caput epididymal epithelial cells in vitro. Djakiew D, et al. **Biol Reprod** 1984 Dec; 31(5):1073–85

Endocytosis of nerve growth factor by 'differentiated' PC12 cells studied by quantitative ultrastructural autoradiography. Stieber A, et al. **Brain Res** 1984 Sep 24; 310(2):223–34

Receptor-mediated endocytosis of carcinoembryonic antigen by rat liver Kupffer cells. Toth CA, et al. **Cancer Res** 1985 Jan;45(1):392–7

Endocytosis in yeast: several of the yeast secretory mutants are defective in endocytosis. Riezman H. **Cell** 1985 Apr; 40(4):1001–9

Endocytosis in adipokinetic hormone (AKH)-producing cells of the migratory locust, Locusta migratoria, in rest and during flight. Diederen JH, et al. **Cell Biol Int Rep** 1985 Jun;9(6):525

Molecular intactness of transferrin recycled in a myogenic chicken cell culture. Kimura I, et al. **Cell Struct Funct** 1985 Mar;10(1):17–27

In-vivo endocytosis by bristle-coated pits and intracellular transport of endogenous albumin in the endothelium of the sinuses of liver and bone marrow. De Bruyn PP, et al. **Cell Tissue Res** 1985;240(1):1–7

Endocytic pathways and time sequence of lysosomal transfer of macromolecules in cultured mouse peritoneal macrophages. Double-labeling experiments with horseradish peroxidase and ferritin. Thyberg J, et al. **Cell Tissue Res** 1985;241(2):299–303

Transferrin endocytosis and the mechanism of iron uptake by reticulocytes in the toad (Bufo marinus). Lim BC, et al. **Comp Biochem Physiol [A]** 1984;79(2):317–23

Changes in morphology of endocytotic vesicles in cardiac capillary endothelial cells and myocytes of rats after treatment with adenine and AMP. Koke JR, et al. **Cytobios** 1985;42(166):81–5

Increased endocytosis of acetylcholine receptors by dystrophic mouse myotubes in vitro. Cossu G, et al. **Dev Biol** 1985 Aug;110(2):362–8

In vitro degradation of endocytosed protein in pronephros cells of the char (Salmo alpinus L.). The effects of temperature and inhibitors. Dannevig BH, et al. **Dev Comp Immunol** 1985 Spring;9(2):231–40

Endocytosis of a mannose-terminated glycoprotein and formaldehyde-treated human serum albumin in liver and kidney cells from fish (Salmo alpinus L.). Smedsrud T, et al. **Dev Comp Immunol** 1984 Summer;8(3):579–88

Endocytosis in Saccharomyces cerevisiae: internalization of enveloped viruses into spheroplasts. Makarow M. **EMBO J** 1985 Jul;4(7):1855–60

Endocytosis in Saccharomyces cerevisiae: internalization of alpha-amylase and fluorescent dextran into cells. Makarow M. **EMBO J** 1985 Jul;4(7):1861–6

Endocytosis of the membrane immunoglobulins of mouse spleen B-cells: a quantitative study of its rate, amount and sensitivity to physiological, physical and cross-linking agents. Métézeau P, et al. **EMBO J** 1984 Oct;3(10):2235–42

Polypeptide hormone receptor phosphorylation: is there a role in receptor-mediated endocytosis of human growth hormone? Asakawa K, et al. **Endocrinology** 1985 Aug; 117(2):631–7

Receptor-mediated endocytosis of [125I]insulin into pancreatic acinar cells in vivo. Cruz J, et al. **Endocrinology** 1984 Nov;115(5):1996–2008

Effect on lysosomes of invertase endocytosed by rat-liver. Jadot M, et al. **Eur J Biochem** 1985 Sep 16;151(3):485–8

Receptor-mediated endocytosis of polymeric IgA and galactosylated serum albumin in rat liver. Evidence for intracellular ligand sorting and identification of distinct endosomal compartments. Limet JN, et al. **Eur J Biochem** 1985 Feb 1;146(3):539–48

Multiple sulfatase deficiency: degradation of arylsulfatase A and B after endocytosis in fibroblasts. Steckel F, et al.

Eur J Biochem 1985 Aug 15;151(1):147-52

Morphological analysis of ligand uptake and processing: the role of multivesicular endosomes and CURL in receptor-ligand processing. Harding C, et al. **Eur J Cell Biol** 1985 Mar;36(2):230-8

Endocytosis and intracellular processing of transferrin and colloidal gold-transferrin in rat reticulocytes: demonstration of a pathway for receptor shedding. Harding C, et al. **Eur J Cell Biol** 1984 Nov;35(2):256-63

Receptor-mediated endocytosis of immunoglobulin-coated colloidal gold particles in cultured mouse peritoneal macrophages. Hedin U, et al. **Eur J Cell Biol** 1984 Sep;35(1):41-8

Modes of endocytosis of latex particles in sinusoidal endothelial and Kupffer cells of normal and perfused rat liver. Dan C, et al. **Exp Cell Res** 1985 May;158(1):75-85

Macrophages. Inhibition of endocytosis by anchorage to substrate. Goldmacher VS. **Exp Cell Res** 1984 Oct;154(2):632-5

Inhibition of phosphatidylcholine synthesis does not alter uptake of transferrin by LM fibroblasts. Hanover JA, et al. **Exp Cell Res** 1985 Mar;157(1):276-81

Receptor-mediated endocytosis of a ricin-colloidal gold conjugate in vero cells. Intracellular routing to vacuolar and tubulo-vesicular portions of the endosomal system. van Deurs B, et al. **Exp Cell Res** 1985 Aug;159(2):287-304

Enhanced endocytosis by aging chondrocytes and fibroblasts. Edwards RP, et al. **Exp Gerontol** 1984;19(3):185-90

In vivo evidence that cobalamin is absorbed by receptor-mediated endocytosis in the mouse. Robertson JA, et al. **Gastroenterology** 1985 Apr;88(4):908-12

Hormone-mediated formation of the endocytic complex in mosquito oocytes. Raikhel AS, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):422-33

Surface morphology of the inner sulcus and related epithelial cells of the cochlea following acoustic trauma. Hamernik RP, et al. **Hear Res** 1984 Nov;16(2):143-60

Receptor-mediated endocytosis and targeted drug delivery. Fallon RJ, et al. **Hepatology** 1985 Sep-Oct;5(5):899-901

Endocytosis and binding of asialoorosomucoid by hepatocytes from rats with jejunoileal bypass. Serbource-Goguel/Seta N, et al. **Hepatology** 1985 Mar-Apr;5(2):220-3

Role of macrophage cell surface sulphydryl groups in endocytosis, but not recognition of immune complexes. Dereski W, et al. **Immunology** 1985 Feb;54(2):397-9

Cellular iron uptake from transferrin: is endocytosis the only mechanism? Morley CG, et al. **Int J Biochem** 1985;17(5):553-64 (74 ref.)

Pathways of endocytosis in thyroid follicle cells. Herzog V. **Int Rev Cytol** 1984;91:107-39 (109 ref.)

Endocytosis and exocytosis: current concepts of vesicle traffic in animal cells. Willingham MC, et al. **Int Rev Cytol** 1984;92:51-92 (246 ref.)

Receptor-mediated endocytosis of alpha 2-macroglobulin by principal cells in the proximal caput epididymidis in vivo. Djakiew D, et al. **J Androl** 1985 May-Jun;6(3):190-6

Intracellular pathways of endocytosed tracers in Leydig cells of the rat. Hermo L, et al. **J Androl** 1985 Jul-Aug;6(4):213-24

Kinetics of proteoheparan sulfate synthesis, secretion, endocytosis, and catabolism by a hepatocyte cell line. Bienkowski MJ, et al. **J Biol Chem** 1984 Nov 10;259(21):12989-96

Effects of monovalent cations on Semliki Forest virus entry into BHK-21 cells. Helenius A, et al. **J Biol Chem** 1985 May 10;260(9):5691-7

Scavenger function of sinusoidal liver cells. Acetyiated low-density lipoprotein is endocytosed via a route distinct from formaldehyde-treated serum albumin. Horiuchi S, et al. **J Biol Chem** 1985 Jan 10;260(1):53-6

Endocytosis, proteolysis, and exocytosis of exogenous proteins by cultured myotubes. Janeczko RA, et al. **J Biol Chem** 1985 Jun 10;260(11):7051-8

Role of cell membrane composition in receptor-mediated internalization of vesicular stomatitis virus in human HEp-2 cells. Pottathil R, et al. **J Biol Chem** 1985 May 10;260(9):5265-70

Disulfide spacer between methotrexate and poly(D-lysine). A probe for exploring the reductive process in endocytosis. Shen WC, et al. **J Biol Chem** 1985 Sep 15;260(20):10905-8

Acidification of endocytic compartments and the intracellular pathways of ligands and receptors. Yamashiro DJ, et al. **J Cell Biochem** 1984;26(4):231-46

Lysosomal accumulation of the hormone-receptor complex during receptor-mediated endocytosis of human choriogonadotropin. Ascoli M. **J Cell Biol** 1984 Oct;99(4 Pt 1):1242-50

Transport of epidermal growth factor by rat liver: evidence for a nonlysosomal pathway. Burwen SJ, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1259-65

Endosomes and Golgi vesicles in adsorptive and fluid phase endocytosis. Gonatas NK, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1379-90

Fc receptor-mediated binding and endocytosis by human mononuclear phagocytes: monomeric IgG is not endocytosed by U937 cells and monocytes. Jones DH, et al. **J Cell Biol** 1985 Feb;100(2):558-64

Monensin-resistant mouse Balb/3T3 cell mutant with aberrant penetration of vesicular stomatitis virus. Ono M, et al. **J Cell Biol** 1985 Jul;101(1):60-5

Intracellular movement of cell surface receptors after endocytosis: resialylation of asialo-transferrin receptor in human erythroleukemia cells. Snider MD, et al. **J Cell Biol** 1985 Mar;100(3):826-34

Antibodies against a lysosomal membrane antigen recognize a prelysosomal compartment involved in the endocytic pathway in cultured prolactin cells. Tougard C, et al. **J Cell Biol** 1985 Mar;100(3):786-93

Rapid endocytosis of the transferrin receptor in the absence of bound transferrin. Watts C. **J Cell Biol** 1985 Feb;100(2):633-7

Fluid-phase endocytosis by isolated rat adipocytes. Gibbs EM, et al. **J Cell Physiol** 1984 Dec;121(3):569-75

Defective endocytosis of low-density lipoprotein in monensin-resistant mutants of the mouse Balb/3T3 cell line. Tomita K, et al. **J Cell Physiol** 1985 Jun;123(3):369-76

Ultrastructural and biochemical study of frog virus 3 uptake by BHK-21 cells. Braunwald J, et al. **J Gen Virol** 1985 Feb;66 (Pt 2):283-93

Effect of chloroquine on African swine fever virus infection. Geraldes A, et al. **J Gen Virol** 1985 May;66 (Pt 5):1145-8

Entry of poliovirus type 1 and Mouse Elberfeld (ME) virus into HEp-2 cells: receptor-mediated endocytosis and endosomal or lysosomal uncoating. Zeichhardt H, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):483-92

Basolateral endocytosis of protein in isolated perfused proximal tubules. Nielsen JT, et al. **Kidney Int** 1985 Jan;27(1):39-45

Inhibition of glomerular visceral epithelial cell endocytosis during nephrosis induced by puromycin aminonucleoside. Schwartz MM, et al. **Lab Invest** 1984 Dec;51(6):690-6

Receptor-mediated endocytosis of polypeptide hormones: mechanism and significance. Carpentier JL. **Mol Immunol** 1984 Dec;21(12):1157-9 (34 ref.)

Compartmentalization of sickle-cell calcium in endocytic inside-out vesicles. Lew VL, et al. **Nature** 1985 Jun 13-19;315(6020):586-9

Cell-type-specific receptors for alpha-fetoprotein in a mouse T-lymphoma cell line. Naval J, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3301-5

Endocytosis in alveolar type II cells: effect of charge and size of tracers. Williams MC. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6054-8

Receptor-mediated endocytosis of epidermal growth factor by hepatocytes in the perfused rat liver. Dunn WA, et al. **Prog Clin Biol Res** 1985;180:461-2

Fate of exogenous proteins after internalization by endocytosis and microinjection in cultured myotubes. Janeczko RA, et al. **Prog Clin Biol Res** 1985;180:467-70

Receptor mediated endocytosis of the malarial parasite by erythrocytes. Perkins ME. **Prog Clin Biol Res** 1984;165:361-76

Endocytosis and membrane traffic in cultured cells. Willingham MC, et al. **Recent Prog Horm Res** 1984;40:569-87 (66 ref.)

Rapid insertion and retrieval of pumps and channels into membranes by exocytosis and endocytosis. Al-Awqati Q. **Soc Gen Physiol Ser** 1985;39:149-57 (17 ref.)

The role of calmodulin in the infection of human B lymphocytes by Epstein-Barr virus. Nemerow GR, et al. **Trans Assoc Am Physicians** 1984;97:232-41

Demonstration of endocytosis during Newcastle disease virus infection of chicken embryo cell cultures. Paulsen A, et al. **Trans Kans Acad Sci** 1985 Apr;88(1-2):59-67

Endocytotic activity in epitheloid and Langhans' giant cells. Tracer studies with ferritin in the tubulointerstitial (anti-TBM) nephritis model. Langer KH, et al. **Virchows Arch [Cell Pathol]** 1984;47(2):177-82

[Endocytosis of peptide hormones mediated by receptors] Gao EW, et al. **Sheng Li Ko Hsueh Chin Chan** 1984 Apr;15(2):157-61 **(Chi)**

[Endocytosis of liposomes by Entamoeba histolytica and transport of encapsulated molecules toward the cytoplasm] Trudel P, et al. **Eur J Cell Biol** 1985 Jul;38(1):27-33 (Eng. Abstr.) **(Fre)**

[Somatic cell mutants with altered receptor and endocytosis activities] Kuwano M, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):669-76 (Eng. Abstr.) **(Jpn)**

[Receptor-mediated endocytosis and the structure of membrane receptors] Hayashi H, et al. **Nippon Rinsho** 1985 Apr;43(4):741-7 **(Jpn)**

[Stereological analysis of the nonspecific endocytotic uptake of lipoproteins by aortic endothelium in the initial stages of experimental atherosclerosis in rabbits] Bobryshev IuV, et al. **Arkh Patol** 1984;46(10):36-42 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Internalization of cycloheptaamylose-dansyl chloride complex during labelling of surface membrane in living Paramecium aurelia cells. Giordano PA, et al. **Basic Appl Histochem** 1985;29(2):121-33

Effect of glycyl-L-phenylalanine 2-naphthylamide on invertase endocytosed by rat liver. Jadot M, et al. **Biochem J** 1985 Feb 1;225(3):645-8

Effects of pimozide and penfluridol on the binding and endocytosis of alpha 2-macroglobulin-CH3NH2 by mouse peritoneal macrophages. Key KA, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3712-4

Heme inhibits transferrin endocytosis in immature erythroid cells. Iacopetta B, et al. **Biochim Biophys Acta** 1984 Oct 12;805(2):211-6

Reutilization of insulin receptor and hormonal response in cultured foetal hepatocytes: the effects of chloroquine and vinblastine. Pringault E, et al. **Biol Cell** 1985;53(1):13-21

Calmodulin antagonists inhibit and phorbol esters enhance transferrin endocytosis and iron uptake by immature erythroid cells. Hebbert D, et al. **Blood** 1985 Mar;65(3):758-63

Endocytosis of cationized ferritin in human peripheral blood by resting T-lymphocytes. Renau-Piqueras J, et al. **Cell Tissue Res** 1985;240(3):743-6

Endocytosis by platelets during cationized ferritin-induced aggregation. Suzuki H, et al. **Cell Tissue Res** 1985;240(3):513-7

The effect of calcium antagonists on the proteolytic degradation of low-density lipoprotein in HeLa cells. Akiyama S, et al. **Exp Cell Res** 1985 May;158(1):192-204

Endocytosis of an antibody ricin A-chain conjugate (immuno-A-toxin) adsorbed on colloidal gold. Effects of ammonium chloride and monensin. Carrière D, et al. **Exp Cell Res** 1985 Feb;156(2):327-40

A calmodulin antagonist increases the apparent rate of endocytosis of liposomes bound to MHC molecules via monoclonal antibodies. Truneh A, et al. **Exp Cell Res** 1984 Nov;155(1):50-63

Swainsonine and castanospermine blockade of mannose glycoprotein uptake by macrophages. Apparent inhibition of receptor-mediated endocytosis by endogenous ligands. Chung KN, et al. **J Biol Chem** 1984 Dec 10;259(23):14637-41

Effect of a second dose of thyrotropin on exocytosis and endocytosis in the rat thyroid gland. Ericson LE, et al. **J Endocrinol Invest** 1984 Dec;7(6):603-10

[Fluorometric method of studying thrombocyte endo- and exocytosis during heparin exposure] Zhukovskaia ES, et al. **Lab Delo** 1984;(8):457-60 (Eng. Abstr.) **(Rus)**

[Changes in the activity of hydrogen ions in lymphocytes during the endocytosis of concanavalin A] Zorin VP, et al. **Tsitologiia** 1985 Jun;27(6):713-7 (Eng. Abstr.) **(Rus)**

ENDODEOXYRIBONUCLEASEES

GENETICS

[Enzymes correcting modified bases in DNA: DNA glycosylases, O(6)-methylguanine-DNA methyltransferase] Janion C. **Postepy Biochem** 1983;29(3-4):299-319 (140 ref.) **(Pol)**

ENDODEOXYRIBONUCLEASES

Formation of single-stranded regions in the course of digestion of DNA with DNAase II and micrococcal nuclease. Galcheva-Gargova Z, et al. **Arch Biochem Biophys** 1985 Jul;240(1):464-9

BIOSYNTHESIS

Induction of a Ca2+, Mg2+-dependent endonuclease activity during the early stages of murine erythroleukemic cell differentiation. McMahon G, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7461-5

DIAGNOSTIC USE

A new strategy to create ordered deletions for rapid nucleotide sequencing. Misra TK. **Gene** 1985;34(2-3):263-8

GENETICS

Endonuclease J: a site-specific endonuclease cleaving immunoglobulin genes. Kondo S, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:661-8

On the role of DNA replication, endonuclease VII, and rII proteins in processing of recombinational intermediates in phage T4. Mosig G, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:371-82

Genetic mapping of nth, a gene affecting endonuclease III (thymine glycol-DNA glycosylase) in Escherichia coli K-12. Weiss B, et al. **J Bacteriol** 1985 May;162(2):607-10

The recF-dependent endonuclease from Escherichia coli K12. Formation and resolution of pBR322 DNA multimers. Krivonogov SV. **MGG** 1984;196(1):105-9

Identification, physical map location and sequence of the denV gene from bacteriophage T4. Valerie K, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8085-96

Involvement of helicase II (uvrD gene product) and DNA polymerase I in excision mediated by the uvrABC protein complex. Caron PR, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4925-9

Endonuclease III (nth) mutants of Escherichia coli. Cunningham RP, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):474-8

ISOLATION & PURIFICATION

Properties of a DNA repair endonuclease from mouse plasmacytoma cells. Helland DE, et al. **Eur J Biochem** 1985 May 2;148(3):471-7

Lysosomal acid deoxyribonuclease from vervet monkey livers—I. Purification and physico-chemical characterization. Oosthuizen MM, et al. **Int J Biochem** 1984;16(12):1207-15

DNA repair in Saccharomyces cerevisiae: purification and characterization of apurinic endonucleases. Armel PR, et al. **J Bacteriol** 1984 Dec;160(3):895-902

The subunit structure and active site sequence of porcine spleen deoxyribonuclease. Liao TH. **J Biol Chem** 1985 Sep

5;260(19):10708-13

Identification and initial characterisation of a pyrimidine dimer UV endonuclease (UV endonuclease beta) from Deinococcus radiodurans; a DNA-repair enzyme that requires manganese ions. Evans DM, et al. **Mutat Res** 1985 May;145(3):119-28

METABOLISM

Apurinic/apyrimidinic-specific endonuclease activities from Dictyostelium discoideum. Guyer RB, et al. **Biochim Biophys Acta** 1985 Apr 19;824(4):304-12

A single apurinic site can elicit BAL 31 nuclease-catalyzed cleavage in duplex DNA. Wei CF, et al. **Biochim Biophys Acta** 1984 Sep 10;782(4):408-14

Resolution of Holliday structures by endonuclease VII as observed in interactions with cruciform DNA. Kemper B, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:815-25

Release of ribonucleoprotein during digestion of rat testis chromatin with deoxyribonuclease II (3.1.4.6). Grimes SR Jr. **Comp Biochem Physiol [B]** 1984;78(3):633-41

Ca2+, Mg2+-dependent endonuclease activity in different subpopulations of spleen cells from normal and erythroleukemic mice. McMahon G, et al. **Exp Cell Res** 1985 Apr;157(2):462-74

The excision of AP sites by the 3'-5' exonuclease activity of the Klenow fragment of Escherichia coli DNA polymerase I. Bailly V, et al. **FEBS Lett** 1984 Dec 10; 178(2):223-7

Lysosomal acid deoxyribonuclease from vervet monkey livers—II. Enzymic properties. Oosthuizen MM, et al. **Int J Biochem** 1984;16(12):1217-21

Repair of cis-platinum-DNA adducts by ABC excinuclease in vivo and in vitro. Hussain I, et al. **J Bacteriol** 1985 Sep; 163(3):817-23

Terminally directed hydrolysis of duplex ribonucleic acid catalyzed by a species of the BAL 31 nuclease from Alteromonas espejiana. Bencen GH, et al. **J Biol Chem** 1984 Nov 10;259(21):13584-9

Reconstitution of RecBC DNase activity from purified Escherichia coli RecB and RecC proteins. Hickson ID, et al. **J Biol Chem** 1985 Jan 25;260(2):1224-9

Apurinic/apyrimidinic endonuclease activities appear normal in the CHO-cell ethyl methanesulfonate-sensitive mutant, EM9. La Belle M, et al. **Mutat Res** 1984 Sep;141(1):41-4

Structural junctions in DNA: the influence of flanking sequence on nuclease digestion specificities. Drew HR, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4445-67

Escherichia coli DNA photolyase stimulates uvrABC excision nuclease in vitro. Sancar A, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7397-401

Sequence specificity of DNA cleavage by Micrococcus luteus gamma endonuclease. Hentosh P, et al. **Radiat Res** 1985 Apr;102(1):119-29

PHYSIOLOGY

Repair of nonreplicating UV-irradiated DNA: cooperative dark repair by Escherichia coli uvr and phr functions. Hays JB, et al. **J Bacteriol** 1985 Feb;161(2):602-8

ENDODERM

Neurocrest and colonic tumors: new clinical syndrome. Report of three cases. Wade JL 3d, et al. **Am J Med** 1984 Oct;77(4):725-8

ANALYSIS

[Immunological localization of alpha-fetoprotein in the proximal endoderm and its significance in extra-embryonic differentiation of teratocarcinomas in the mouse] Gaillard JA, et al. **Ann Inst Pasteur Immunol** 1985 May-Jun; 136C(3):353-74 (Eng. Abstr.) **(Fre)**

ANATOMY & HISTOLOGY

The allantois of the North American opossum (Didelphis virginiana) with preliminary observations on the yolk sac endoderm and trophectoderm. Krause WJ, et al. **Anat Rec** 1985 Feb;211(2):166-73

CYTOLOGY

Evolution of Xenopus endodermal cells cultured on different extracellular matrix components. Identification of primordial germ cells. Brustis JJ, et al. **Anat Embryol (Berl)** 1984;170(2):187-96

A teratocarcinoma-derived endoderm stem cell line (1H5) that can differentiate into extra-embryonic endoderm cell types. Adamson ED, et al. **Differentiation** 1985;29(1):68-76

Allocation of mesendodermal cells during early embryogenesis in the starfish, Asterina pectinifera. Kominami T. **J Embryol Exp Morphol** 1984 Dec;84:177-90

ENZYMOLOGY

Comparative enzyme histochemical study on the visceral yolk sac endoderm in the rat in vivo and in vitro. Miki A, et al. **Histochemistry** 1984;81(4):409-15

Endogenous peroxidase in the visceral endoderm of early mouse embryos. Balakier H. **J Exp Zool** 1984 Aug; 231(2):243-8

IMMUNOLOGY

Serological characterization of a pluripotent mouse embryonal stem cell line, two transformed derivatives, and an endoderm-like cell line. Walter G, et al. **Cell Differ** 1984 Dec;15(2-4):147-51

METABOLISM

Distinct properties of receptors for Dolichos biflorus agglutinin (DBA) isolated from small intestine of adult mice and endoderm cells of early embryos and teratocarcinomas. Arita Y, et al. **Differentiation** 1985;28(3):254-9

PHYSIOLOGY

Migration of I-cells from ectoderm to endoderm in Hydra attenuata Pall (Cnidaria, Hydrozoa) and their subsequent differentiation. Smid I, et al. **Dev Biol** 1984 Dec; 106(2):469-77

Effects of human fetal gastroenteric mesenchymal cells on some developmental aspects of animal gut endoderm. Lacroix B, et al. **Differentiation** 1984;28(2):129-35

Demonstration of oestrogens in developing pig trophectoderm and yolk sac endoderm between days 10 and 16. King GJ, et al. **J Reprod Fertil** 1985 Mar; 73(2):361-7

ULTRASTRUCTURE

Intestinal cytodifferentiation in vitro of chick stomach endoderm induced by the duodenal mesenchyme. Ishizuya-Oka A, et al. **J Embryol Exp Morphol** 1984 Aug; 82:163-76

Intercellular relationships during cavitation of aggregates of extraembryonic endoderm cells from gastrulating chick embryos. Milos N, et al. **J Embryol Exp Morphol** 1984 Oct;83:43-61

ENDODERMAL SINUS TUMOR see **MESONEPHROMA**

ENDODERMOPHYTON see **TRICHOPHYTON**

ENDODONTIC ENDOSSEOUS IMPLANTATION see **DENTAL IMPLANTATION, ENDOSSEOUS, ENDODONTIC**

ENDODONTIC STABILIZATION see **DENTAL IMPLANTATION, ENDOSSEOUS, ENDODONTIC**

ENDODONTICS

see related
DENTAL PULP DISEASES
DENTAL PULP TEST
TOOTH DISCOLORATION

Symposium on endodontics. **Dent Clin North Am** 1984 Oct; 28(4):635-979

[Experimental test of the reactivity of subcutaneous connective tissue in rats to endodontic materials] Passi P, et al. **Minerva Stomatol** 1984 Jul-Aug;33(4):697-702 (Eng. Abstr.) **(Ita)**

[Effects of radiographic systems used on the accuracy of endodontic measurements] Okano T, et al. **Kokubyo Gakkai Zasshi** 1984 Dec;51(4):667-73 (Eng. Abstr.) **(Jpn)**

EDUCATION

Making endodontics a little easier. Kahn H. **Dent Clin North Am** 1984 Oct;28(4):953-79

A simulation program for reviewing endodontics. Dale RA, et al. **J Dent Educ** 1984 Dec;48(12):669-73

TRENDS

Endodontics. An overview. Chivian N. **Dent Clin North Am** 1984 Oct;28(4):637-49

ENDOLIMAX see under **AMOEBA**

ENDOLYMPH see under **LABYRINTHINE FLUIDS**

ENDOLYMPHATIC DUCT see under **LABYRINTH**

ENDOLYMPHATIC SAC see under **LABYRINTH**

ENDOMETRIAL CYCLE see **MENSTRUAL CYCLE**

ENDOMETRIAL HYPERPLASIA

CHEMICALLY INDUCED

Effect of estrogen and progesterone on the development of endometrial hyperplasia in the Fischer rat. Tang FY, et al. **Biol Reprod** 1984 Sep;31(2):399-413

COMPLICATIONS

Concurrent endometrial hyperplasia with carcinoma of the corpus uteri. Yajima A, et al. **Tohoku J Exp Med** 1985 Jan;145(1):15-22

DIAGNOSIS

Criteria for the cytologic assessment of hyperplasias in endometrial samples obtained by the Endopap Endometrial Sampler. Meisels A, et al. **Acta Cytol (Baltimore)** 1985 May-Jun;29(3):297-302

Uterine cancer screening by the family physician. Boone MI, et al. **Am Fam Physician** 1984 Nov;30(5):157-66

The use and disuse of morphometry in the diagnosis of endometrial hyperplasia and carcinoma. Baak JP. **Pathol Res Pract** 1984 Sep;179(1):20-3

[Detection of hyperplasia and cancer of the endometrium] Erny R, et al. **Rev Fr Gynecol Obstet** 1984 Feb;79(2):91-6 (Eng. Abstr.) **(Fre)**

DRUG THERAPY

Progestin therapy in lesions of the endometrium. Wentz WB. **Semin Oncol** 1985 Mar;12(1 Suppl 1):23-7

ENZYMOLOGY

Estrone sulfatase activity in normal and abnormal endometrium. Adessi GL, et al. **Arch Gynecol** 1984; 236(1):13-8

IMMUNOLOGY

The expression of Ca antigen in normal, hyperplastic and neoplastic endometrium. Ferguson AM, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):1042-5

[Prospects for the development of immunological studies with regard to hyperplastic processes in the reproductive system] Zaporozhan VN. **Akush Ginekol (Mosk)** 1984 Nov; (11):16-20 (Eng. Abstr.) **(Rus)**

METABOLISM

Significance of collagen in pathological lesions of endometrium. Aziz M, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):173-8

The presence of an estrogen-regulated protein detected by monoclonal antibody in abnormal human endometrium. Ciocca DR, et al. **J Clin Endocrinol Metab** 1985 Jan; 60(1):137-43

[Hormonal and immunological status of patients with hyperplastic processes in the endometrium] Minkina GN, et al. **Akush Ginekol (Mosk)** 1984 Nov;(11):24-6 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Atypical ovarian hyperthecosis in a virilized postmenopausal woman. Madiedo G, et al. **Am J Clin Pathol** 1985 Jan; 83(1):101-7

Histologic correlates and virulence implications of endometrial carcinoma associated with adenomatous hyperplasia. Deligdisch L, et al. **Cancer** 1985 Sep 15; 56(6):1452-5

The behavior of endometrial hyperplasia. A long-term study of 'untreated' hyperplasia in 170 patients. Kurman RJ, et al. **Cancer** 1985 Jul 15;56(2):403-12

Nuclear size and shape of epithelial cells from the endometrium: lack of value as a criterion for differentiation between normal, hyperplastic, and malignant conditions. Skaarland E. **J Clin Pathol** 1985 May;38(5):502-6

[Clear cells of the endometrium: an indicator of estrogen level] Tseleni S, et al. **Zentralbl Gynakol** 1985;107(10):622-7 (Eng. Abstr.) **(Ger)**

[Histogenesis of uterine corpus carcinoma—relation to atypical endometrial hyperplasia] Moriwaki S, et al. **Gan No Rinsho** 1984 Oct;30(13):1686-92 (Eng. Abstr.) **(Jpn)**

[Ambulatory endometrial biopsy as a method of detection of high-risk conditions and cancer of the uterus] Teter J, et al. **Ginekol Pol** 1984 Jun;55(6):435-43 (Eng. Abstr.) **(Pol)**

[Histopathology of endometrial hyperplasia] Szamborski J, et al. **Patol Pol** 1984 Jul-Sep;35(3):263-71 (Eng. Abstr.) **(Pol)**

[Ultrastructure of cells of hyperplastic endometrium after the direct impact of gestagens] Beliaeva LA, et al. **Akush Ginekol (Mosk)** 1984 Nov;(11):20-4 (Eng. Abstr.) **(Rus)**

[Mitotic rate in hyperplasia and cancer of the endometrium] Polishchuk LZ, et al. **Akush Ginekol (Mosk)** 1984 Nov; (11):26-9 (Eng. Abstr.) **(Rus)**

[Ultrastructural characteristics of the endometrial cells in proliferative-type dyshormonal glandular hyperplasia] Lomakina II, et al. **Arkh Patol** 1984;46(8):17-23 (Eng. Abstr.) **(Rus)**

SURGERY

[Is cryosurgery as alternative treatment procedure for recurrent hyperplasia of the endometrium in perimenopause to be considered?] Wichljajeva EM, et al. **Zentralbl Gynakol** 1985;107(14):869-77 (Eng. Abstr.) **(Ger)**

THERAPY

[Comparative evaluation of the effectiveness of various methods of treating endometrial hyperplasia] Litvinenko TM. **Akush Ginekol (Mosk)** 1985 Feb;(2):45-7 (Eng. Abstr.) **(Rus)**

VETERINARY

Hyperplastic endometrial polyps in the dog and cat. Gelberg HB, et al. **Vet Pathol** 1984 Nov;21(6):570-3

ENDOMETRIOSIS

Current concepts on I. Endometriosis, II. Fibrocystic breast disease. Proceedings of a symposium under the auspices of the Scandinavian Association of Obstetricians and Gynecologists. Helsingør, Denmark, June 20-22, 1983. **Acta Obstet Gynecol Scand [Suppl]** 1934;123:1-196

[Endometriosis] Briones H, et al. **Rev Chil Obstet Ginecol** 1983;48(2):116-27 (Eng. Abstr.) **(Spa)**

BLOOD

[Luteal insufficiency and endometriosis. Comparative study of plasma progesterone and of the evolutionary stage] Tzingounis V, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(4):455-8 (Eng. Abstr.) **(Fre)**

CLASSIFICATION

Endometriosis classification [letter] Carmichael E. **Ala Med** 1984 Sep;54(3):38-9

Revised American Fertility Society classification of endometriosis: 1985. **Fertil Steril** 1985 Mar;43(3):351-2

Evolution of the revised American Fertility Society classification of endometriosis. Buttram VC Jr. **Fertil Steril** 1985 Mar;43(3):347-50

COMPLICATIONS

Treatment with danazol of ureteral obstruction caused by endometriosis. Matsuura K, et al. **Acta Obstet Gynecol Scand** 1985;64(4):339-43

Endometriosis and infertility. Dmowski WP, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:73-9

Obstructive uropathy associated with endometriosis. Kane C, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):207-11

Hilus cell tumour of the ovary with an associated endometrial carcinoma, presenting with male pattern baldness and postmenopausal bleeding. Case report. Ross LD. **Br J Obstet Gynaecol** 1984 Dec;91(12):1266-8

Endometriosis: an unusual cause of ureteral obstruction. Buckspan MB, et al. **Can J Surg** 1985 Sep;28(5):447-9

The role of in vitro fertilization in infertile patients with endometriosis. Chillik CF, et al. **Fertil Steril** 1985 Jul;44(1):56-61

Expectant management and hydrotubations in the treatment of endometriosis-associated infertility. Olive DL, et al. **Fertil Steril** 1985 Jul;44(1):35-41

Danazol in the management of ureteral obstruction secondary to endometriosis. Rivlin ME, et al. **Fertil Steril** 1985 Aug;44(2):274-6

A case of endometrioid carcinoma of the ovary associated with pregnancy. Sommers GM, et al. **Gynecol Oncol** 1985 Jul;21(3):364-8

Pelvic endometriosis and tubal inflammatory disease. Forrest J, et al. **Int J Gynecol Pathol** 1984;3(4):343-7

Endometriosis and the infertile patient. Wedell MA, et al. **J Obstet Gynecol Neonatal Nurs** 1985 Jul-Aug;14(4):280-3

Endometriosis associated with appendiceal intussusception. A report of two cases. Mann WJ, et al. **J Reprod Med** 1984 Aug;29(8):625-9

Clinical significance of focal pelvic endometriosis. Starks GC, et al. **J Reprod Med** 1985 Jun;30(6):481-4

Hemothorax associated with endometriosis. Wilkins SB, et al. **J Thorac Cardiovasc Surg** 1985 Apr;89(4):636-8

Endometriosis and in-vitro fertilisation [letter] O'Shea RT, et al. **Lancet** 1985 Sep 28;2(8457):723

Endometriosis and ovulatory disorder: reduced fertilisation in vitro compared with tubal and unexplained infertility. Wardle PG, et al. **Lancet** 1985 Aug 3;2(8449):236-9

In-vitro fertilisation for endometriosis [letter] Yovich JL, et al. **Lancet** 1985 Sep 7;2(8454):552

Endometriosis with massive ascites. Halme J, et al. **Obstet Gynecol** 1985 Apr;65(4):591-2

Endometriosis associated with ascites. Iwasaka T, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):72S-75S

Naproxen sodium in dysmenorrhea secondary to endometriosis. Kauppila A, et al. **Obstet Gynecol** 1985 Mar;65(3):379-83

Endometriosis causing ureteral obstruction. Laube DW, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):69S-71S

Massive ascites due to omental endometriosis. Naraynsingh V, et al. **Postgrad Med J** 1985 Jun;61(716):539-40

[Endometriosis and obstruction of the upper excretory pathway. Apropos of 2 cases] Ballanger P, et al. **Ann Urol (Paris)** 1984 Dec;18(6):420-3 (Eng. Abstr.) **(Fre)**

[Ureteral complications of [illegible]ometriosis] Charlebois N, et al. **Union Med Can** 1984 Oct;113(10):822-5, 835 (Eng. Abstr.) **(Fre)**

[A case of primary adenocarcinoma of the cervix of probable origin from an area of endometriosis] Giana M, et al. **Minerva Med** 1985 Feb 18;76(6):221-3 (Eng. Abstr.) **(Ita)**

[Endometriosis and genital carcinoma] Stoiljković C. **Jugosl Ginekol Opstet** 1984 Sep-Dec;24(5-6):102-3 (Eng. Abstr.) **(Ser)**

[Catamenial pneumothorax. Study of a case] Munar Qués M, et al. **Med Clin (Barc)** 1984 Dec 8;83(19):804-6 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Pitfalls in clinical, laparoscopic and histologic diagnosis of endometriosis. Dmowski WP. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:61-6

Intestinal endometriosis. Croom RD 3d, et al. **Am J Surg** 1984 Nov;148(5):660-7

Catamenial hemoptysis. New methods of diagnosis and therapy. Elliot DL, et al. **Chest** 1985 May;87(5):687-8

Endometriosis of the sigmoid colon [letter] Emmanouilidis A, et al. **Gastrointest Endosc** 1984 Dec;30(6):373-4

Laparoscopy in children and adolescents. Wolfman WL, et al. **J Adolesc Health Care** 1984 Oct;5(4):261-5

Endometriosis simulating a soft tissue tumor of the thigh: CT and MR evaluation. Gitelis S, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):573-6

Diagnostic value of laparoscopy in endometriosis and infertility. Melega C, et al. **J Reprod Med** 1984 Aug;29(8):597-600

Vesical endometriosis: a review and 2 case reports. Aldridge KW, et al. **J Urol** 1985 Sep;134(3):539-41

Endometriosis of the urinary bladder: demonstration by sonography. Kumar R, et al. **JCU** 1984 Jul-Aug;12(6):363-5

Endometriosis detection by US with laparoscopic correlation. Friedman H, et al. **Radiology** 1985 Oct;157(1):217-20

[Analysis of 91 cases of cervical endometriosis] Jiang YY, et al. **Chung Hua Fu Chan Ko Tsa Chih** 1985 May;20(3):148-50, 189-90 (Eng. Abstr.) **(Chi)**

[Endometriosis, predisposition and prevention] Berger LW, et al. **Ned Tijdschr Geneeskd** 1985 Apr 20;129(16):737-40 (Eng. Abstr.) **(Dut)**

[Ureteral endometriosis. Apropos of a bilateral form] Haupert S, et al. **Ann Urol (Paris)** 1985;19(3):180-3 (Eng. Abstr.) **(Fre)**

[Cytology of peritoneal fluid in the diagnosis of pelvic endometriosis] Saint-Pol P, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(7):781-4 (Eng. Abstr.) **(Fre)**

[External genital endometriosis. Endemiologic, diagnostic, therapeutic and prognostic aspects] Boyer J, et al. **Rev Fr Gynecol Obstet** 1984 Jun;79(6):449-53 (Eng. Abstr.) **(Fre)**

[Generalized adenomyomatosis and milk of calcium bile in the sonogram] Kretzschmar R, et al. **ROFO** 1984 Oct;141(4):463-5 **(Ger)**

[Differential diagnosis between leiomyomata uteri and adenomyosis using CA 125 as a new tumor marker of ovarian carcinoma] Takahashi K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr;37(4):591-5 (Eng. Abstr.) **(Jpn)**

[Histoclinical evaluation of adnexal endometriosis] Kelm R. **Wiad Lek** 1984 Apr 1;37(7):522-6 (Eng. Abstr.) **(Pol)**

[Differential diagnosis of ovarian tumors] Selezneva ND. **Akush Ginekol (Mosk)** 1984 Aug;(8):65-8 **(Rus)**

[Dispensarization of patients with genital endometriosis] Shinkareva LF, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):66-8 **(Rus)**

[Symptomatology of endometriosis. Study of 224 cases] González Brito G, et al. **Ginecol Obstet Mex** 1983 Aug;51(316):225-7 (Eng. Abstr.) **(Spa)**

[Extragenital endometriosis. A clinical case] Rodríguez F, et al. **Rev Chil Obstet Ginecol** 1983;48(6):403-7 **(Spa)**

DRUG THERAPY

Danazol and prolactin status in patients with endometriosis. Wallace AM, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):445-9

Experimental endometriosis and fertility: compared effects of an antigonadotropin (danazol) and an antiprostaglandin (indomethacin). Dargenio R, et al. **Acta Eur Fertil** 1984 Jul-Aug;15(4):257-9

Regression of endometriosis following shorter treatment with, or lower dose of danazol. Comparison of pre- and post-treatment laparoscopic findings in the Scandinavian multi-center study. Döberl A, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:51-8

Short-term effects of danazol on endometrial histology. Jeppsson S, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:41-4

Treatment of vaginal endometriosis with danazol. Koskimies AI, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:67-8

Relief of asthma in two patients receiving danazol for endometriosis. Pride SM, et al. **Can Med Assoc J** 1984 Oct 1;131(7):763-4

Treatment of endometriosis with danazol: report of a 6-year prospective study. Buttram VC Jr, et al. **Fertil Steril** 1985 Mar;43(3):353-60

Serum estradiol and danazol. I. Endometriosis response, side effects, administration interval, concurrent spironolactone and dexamethasone. Dickey RP, et al. **Fertil Steril** 1984 Nov;42(5):709-16

Development of an animal model for quantitatively evaluating effects of drugs on endometriosis. Hahn DW, et al. **Fertil Steril** 1985 Sep;44(3):410-5

Treatment of endometriosis with danazol [letter] Taymor ML. **Fertil Steril** 1985 Aug;44(2):282-3

Changes of plasma lipids and lipoprotein levels during danazol treatment for endometriosis. Schweppe KW, et al. **Horm Metab Res** 1984 Nov;16(11):593-7

Effect of danazol on vocal pitch: a case study. Mercaitis PA, et al. **Obstet Gynecol** 1985 Jan;65(1):131-5

A case of endometriosis of the lung treated with danazol. Suginami H, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):68S-71S

[Treatment of endometriosis with traditional Chinese medicine] Tian YB. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):33-5, 4 (Eng. Abstr.) **(Chi)**

[Late effect of gossypol treatment in gynecological diseases--a clinical study of 72 cases] Wang YF. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):205-7, 194 (Eng. Abstr.) **(Chi)**

[A comparative study on rapid and slow loading of gossypol in the treatment of gynecological diseases] Han ML, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Aug;6(4):270-2 (Eng. Abstr.) **(Chi)**

[Gestrinone in the treatment of endometriosis] Presl J. **Cesk Gynekol** 1985 Jul;50(6):426-8 **(Cze)**

[A case of vesical endometriosis] Kameoka H, et al. **Hinyokika Kiyo** 1983 Oct;29(10):1339-44 (Eng. Abstr.) **(Jpn)**

[Medical treatment of endometriosis] Sugimoto O. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May;37(5):814-9 **(Jpn)**

[Analysis of results of monochemotherapy of ovarian cancer with special reference to long-term survival] Sablińska B, et al. **Nowotwory** 1984 Jul-Sep;34(3):229-35 (Eng. Abstr.) **(Pol)**

[Structural characteristics of the pathologically changed uterus after treatment with sex hormones] Akobdzhanian MA, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):31-4 (Eng. Abstr.) **(Rus)**

[Effect of synthetic progestins on the endocervix of patients with internal uterine endometriosis] Shinkareva LF, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):59-62 (Eng. Abstr.) **(Rus)**

[Therapeutic value of danazol in sterility associated with slight pelvic endometriosis] Cano C, et al. **Ginecol Obstet Mex** 1982 Dec;50(308):321-3 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Immunohistochemical demonstration of amylase in endometrioid carcinomas of the ovary. Ueda G, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):149-50

ETIOLOGY

Alteration of the development of mammary hyperplastic alveolar nodules and uterine adenomyosis in SHN mice by different schedules of treatment with CB-154. Mori T, et al. **Acta Endocrinol (Copenh)** 1984 Oct;107(2):245-9

Endometriosis: a reappraisal of pathogenesis and treatment. Schmidt CL. **Fertil Steril** 1985 Aug;44(2):157-73 (73 ref.)

Prior cesarean section. A risk factor for adenomyosis? Harris WJ, et al. **J Reprod Med** 1985 Mar;30(3):173-5

Sonographic demonstration of endometrioma arising in cesarean scar. Vincent LM, et al. **J Ultrasound Med** 1985 Aug;4(8):437-8

Basic research in endometriosis. Halme J. **Obstet Gynecol Annu** 1985;14:288-309 (140 ref.)

[Endometriosis and sterility. Difference between disease endometriosis and implantation endometriosis] González González CF, et al. **Ginecol Obstet Mex** 1984 Jun;52(326):153-5 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Distribution of HLA-antigens among patients with endometriosis. Moen M, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:25-7

IMMUNOLOGY

Antiendometrial antibodies in patients with endometriosis. Wild RA, et al. **Am J Reprod Immunol Microbiol** 1985 Jul;8(3):84-6

Autoimmune phenomena and endometriosis [letter] Ansbacher R, et al. **Obstet Gynecol** 1985 Feb;65(2):299-300

METABOLISM

Plasminogen activators in endometriosis. Astedt B, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:23-4

Histochemical localization of specific estrogen and progesterone binding in human endometrium and endometriotic tissue. A preliminary report. Bergqvist A, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:15-6

Cytosol estrogen and progestin receptor concentrations and 17 beta-hydroxysteroid dehydrogenase activities in the endometrium and endometriotic tissue. Effects of hormonal treatment. Kauppila A, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:45-9

Peritoneal fluid 6-keto-prostaglandin F1 alpha, thromboxane B2 in endometriosis and unexplained infertility. Koskimies AI, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:19-21

Peritoneal fluid 6-keto prostaglandin F1 alpha levels in women with endometriosis. Mudge TJ, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):901-4

Etiology of infertility in monkeys with endometriosis: measurement of peritoneal fluid prostaglandins. Schenken RS, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):349-53

Peritoneal fluid plasminogen activator activity in endometriosis and pelvic adhesive disease. Batzofin JH, et al. **Fertil Steril** 1985 Aug;44(2):277-9

Endometrial estradiol and progesterone receptors in patients with luteal phase defects and endometriosis. Saracoglu OF, et al. **Fertil Steril** 1985 Jun;43(6):851-5

Histochemical demonstration of estrogen and progesterone binding in endometriotic tissue and in uterine endometrium: A comparative study. Bergqvist A, et al. **J Histochem Cytochem** 1985 Feb;33(2):155-61

OCCURRENCE

Evidence for the risk of pelvic endometriosis by age, race and socioeconomic status. Houston DE. **Epidemiol Rev** 1984;6:167-91 (200 ref.)

Current concepts in endometriosis. Molgaard CA, et al. **West J Med** 1985 Jul;143(1):42-6 (39 ref.)

PATHOLOGY

Subcutaneous endometriosis diagnosed by fine needle aspiration cytology. Griffin JB, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):584-8

Comparison of the histological appearance of human endometrium and endometriotic tissue obtained simultaneously. A preliminary report. Bergqvist A, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:11-2

Current concepts on pathology, histogenesis and etiology of endometriosis. Dmowski WP, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:29-33

Morphology of endometriosis before and during treatment with danazol. Pedersen H, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:13-4

Isolated endometriosis in an inguinal hernia. Quagliarello J, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):688-9

Atypical and borderline endometrioid adenofibromas of the ovary. A report of 27 cases. Bell DA, et al. **Am J Surg Pathol** 1985 Mar;9(3):205-14

Endometriosis in the male. Martin JD Jr, et al. **Am Surg** 1985 Jul;51(7):426-30

Uteruslike mass of the ovary: endomyometriosis or congenital malformation? A case with a discussion of histogenesis. Pueblitz-Peredo S, et al. **Arch Pathol Lab Med** 1985 Apr;109(4):361-4

Endometrioid differentiation in ovarian sex cord tumor with annular tubules accompanied by gestagenic effect. Czernobilsky B, et al. **Cancer** 1985 Feb 15;55(4):738-44

Argyrophil cells in the endometrioid carcinoma of the ovary. Ueda G, et al. **Cancer** 1984 Oct 15;54(8):1569-73

Cellular components in peritoneal fluid in infertile patients with and without endometriosis. Badawy SZ, et al. **Fertil Steril** 1984 Nov;42(5):704-8

Behavior of cultured glandular cells obtained by flushing of the uterine cavity. Willemsen WN, et al. **Fertil Steril** 1985 Jul;44(1):92-5

Benign endometrioid tumours of the ovary and the Müllerian concept of ovarian epithelial tumours. Hughesdon PE. **Histopathology** 1984 Nov;8(6):977-90

Human endometrium and endometriotic tissue obtained simultaneously: a comparative histological study. Bergqvist A, et al. **Int J Gynecol Pathol** 1984;3(2):135-45

The clinical and histologic spectrum of endometrial stromal neoplasms: a report of 41 cases. Fekete PS, et al. **Int J Gynecol Pathol** 1984;3(2):198-212

Endometrial carcinoma of the prostatic utricle: a tumor of prostatic origin. Walther MM, et al. **J Urol** 1985 Oct;134(4):769-73

Clinicopathologic investigation of ovarian endometriosis: a comparative study of cystic and non-cystic types. Tsukahara Y, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May;37(5):751-7

Malignant transformation of vaginal endometriosis. Granai CO, et al. **Obstet Gynecol** 1984 Oct;64(4):592-5

Adenomyoma of the stomach. Stewart TW Jr, et al. **South Med J** 1984 Oct;77(10):1337-8

[Endometrioid carcinoma of the ovary—report of 10 cases] Li ZX. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Oct;19(4):243-5 (Chi)

[Comparative morphology of the endometrium and foci of endometriosis. Histogenetic deductions] Hoang NM, et al. **Arch Anat Cytol Pathol** 1984;32(3):149-52 (Eng. Abstr.) (Fre)

[Primary cancer of a Morgagni hydatid] Dieminger HJ, et al. **Zentralbl Gynakol** 1985;107(7):442-5 (Eng. Abstr.) (Ger)

[Hysterectomy: analysis of the results of histopathological examinations] Sward J, et al. **Wiad Lek** 1984 Apr 15;37(8):607-12 (Eng. Abstr.) (Pol)

[Endometriosis of the breast (case report)] Moloshok AA, et al. **Vopr Onkol** 1984;30(10):88-9 (Rus)

[Endometriosis in adolescence] González González CF, et al. **Ginecol Obstet Mex** 1984 Dec;52(332):305-6 (Eng. Abstr.) (Spa)

PHYSIOPATHOLOGY

Ectopic pituitary grafts in mice: hormone levels, effects on fertility, and the development of adenomyosis uteri, prolactinomas, and mammary carcinomas. Huseby RA, et al. **Endocrinology** 1985 Apr;116(4):1440-8

Steroidal regulation of endometriosis tissue: lack of induction of 17 beta-hydroxysteroid dehydrogenase activity by progesterone, medroxyprogesterone acetate, or danazol. Vierikko P, et al. **Fertil Steril** 1985 Feb;43(2):218-24

Endometriosis and corpus luteum function. Is there a relationship? Pittaway DE, et al. **J Reprod Med** 1984 Oct;29(10):712-6

RADIOGRAPHY

Abdominal wall endometrioma: CT findings. Amato M, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1213-4

Computed tomography of benign ovarian masses. Sawyer RW, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):784-9

Computed tomography appearance of subcutaneous endometrioma. Grassi CJ, et al. **J Comput Tomogr** 1985 Apr;9(2):157-9

Adenomyosis uteri diagnosticised by hysterosalpingography. Olsen A, et al. **ROFO** 1985 Mar;142(3):350-1

[Ureteral endometriosis] Delannoy JH, et al. **Acta Urol Belg** 1984;52(3):419-25 (Eng. Abstr.) (Fre)

RADIOTHERAPY

Whole abdominal and pelvic irradiation in patients with minimal disease at second-look surgical reassessment for ovarian carcinoma. Hoskins WJ, et al. **Gynecol Oncol** 1985 Mar;20(3):271-80

SECONDARY

[Endometriosis 'on the way.' Case description of intravascular endometriosis] Reitzenstein M. **Geburtshilfe Frauenheilkd** 1984 Aug;44(8):516-7 (Ger)

[A case of ovarian carcinoma preceded by intracranial metastasis] Naito A, et al. **Gan No Rinsho** 1984 Nov;30(14):1835-9 (Eng. Abstr.) (Jpn)

SECRETION

Peritoneal fluid prolactin in infertile women with endometriosis: lack of evidence of secretory activity by endometrial implants. Haney AF, et al. **Fertil Steril** 1984 Dec;42(6):935-8

SURGERY

External endometriosis in 801 operated patients. Nikkanen V, et al. **Acta Obstet Gynecol Scand** 1984;63(8):699-701

Fulguration versus resection of experimental endometrial peritoneal implants in the rat. Golan A, et al. **Aust NZ J Obstet Gynaecol** 1984 Nov;24(4):286-8

Microsurgery of endometriosis in infertile patients. Gordts S, et al. **Fertil Steril** 1984 Oct;42(4):520-5

Experimental endometriosis: a microsurgical animal model in rats. Golan A, et al. **Isr J Med Sci** 1984 Nov;20(11):1094-6

Laser laparoscopy. A new modality. Feste JR. **J Reprod Med** 1985 May;30(5):413-7

Photocoagulation of early pelvic endometriosis with the Nd: YAG laser through the laparoscope. Lomano JM. **J Reprod Med** 1985 Feb;30(2):77-81

CO2 laser laparoscopy for the treatment of endometriosis associated with infertility. Martin DC. **J Reprod Med** 1985 May;30(5):409-12

Endometriosis then and now. Evolution of surgical techniques and treatment. Rogers SF, et al. **J Reprod Med** 1984 Aug;29(8):613-20

Surgical management of endometriosis with the carbon dioxide laser. Bellina JH, et al. **Microsurgery** 1984;5(4):197-201

[The use of the CO2 laser in the treatment of endometriosis. Experiments in rabbits] Chaubard T, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):861-6 (Eng. Abstr.) (Fre)

[Diagnosis and therapy of large intestine endometriosis] Hörl M, et al. **Chirurg** 1984 Oct;55(10):653-6 (Eng. Abstr.) (Ger)

[Endometrioses in a surgical patient sample] Putzki H, et al. **Geburtshilfe Frauenheilkd** 1985 Jan;45(1):36-9 (Eng. Abstr.) (Ger)

[Management of endometriosis of adnexa uteri in women of reproductive age] Semczuk M, et al. **Ginekol Pol** 1984 Nov;55(11):837-40 (Eng. Abstr.) (Pol)

THERAPY

Pregnancy rates following various therapy modes for endometriosis in infertile patients. Rönnberg L, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:69-72

Diagnosis and management of endometriosis. Menaker JS. **J Kans Med Soc** 1984 Oct;85(10):267-8, 277

ULTRASTRUCTURE

Ultrastructural changes in uterine myometrium of mice with experimentally-induced adenomyosis. Mori T, et al. **Experientia** 1984 Dec 15;40(12):1385-7

Peritoneal endometriosis: scanning electron microscopy and histology of minimal pelvic endometriotic lesions. Vasquez G, et al. **Fertil Steril** 1984 Nov;42(5):696-703

Plexiform tumorlet: a clinical and pathologic study of 15 cases with ultrastructural observations. Kaminski PF, et al. **Int J Gynecol Pathol** 1984;3(2):124-34

[Ultrastructural research on endometriosis] Takeva Ts, et al. **Akush Ginekol (Sofiia)** 1984;23(5):420-6 (Eng. Abstr.) (Bul)

[Ultrastructure of the ectopic endometrial glandular epithelium in five cases of adenomyosis—with particular reference to the normal proliferative endometrium and endometrial adenocarcinoma] Hayata T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun;37(6):879-87 (Eng. Abstr.) (Jpn)

VETERINARY

Hemoperitoneum associated with endometriosis in a rhesus monkey. Schiffer SP, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1375-7

Endometriosis with bacterial peritonitis in a baboon. DaRif CA, et al. **Lab Anim Sci** 1984 Oct;34(5):491-3

ENDOMETRITIS

BLOOD

[Serum alpha-tocopherol and serotonin levels in patients with tuberculosis of the female genitals] Sharipov VN, et al. **Probl Tuberk** 1984 Jul;(7):23-7 (Eng. Abstr.) (Rus)

COMPLICATIONS

Prevalence and manifestations of endometritis among women with cervicitis. Paavonen J, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):280-6

DIAGNOSIS

Anatomic sites of upper genital tract infection. Heinonen PK, et al. **Obstet Gynecol** 1985 Sep;66(3):384-90

[Clinical aspects and therapy of 'upper gonorrhea'] Wagner G. **Gynakol Rundsch** 1985;25(1):56-8 (Ger)

[Various problems in the clinical picture and diagnosis of acute inflammatory diseases of the internal genitalia of women] Kulavzkii VA, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):56-8 (Eng. Abstr.) (Rus)

DIET THERAPY

[Rational nutrition in inflammatory diseases of the internal genitalia of women] Zheleznova EB, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):72-5 (Rus)

DRUG THERAPY

Aminoglycoside dosing in obese puerperal women. Gibbs RS, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):89-90

Clinical efficacy of cefoperazone in obstetric and gynecologic infections. Ling FW, et al. **Clin Ther** 1984;6(5):669-76

Aztreonam versus gentamicin, each with clindamycin, in the treatment of endometritis. Gibbs RS, et al. **Obstet Gynecol** 1985 Jun;65(6):825-9

Piperacillin versus clindamycin plus gentamicin for pelvic infections. Gilstrap LC 3d, et al. **Obstet Gynecol** 1984 Dec;64(6):762-6

[Use of a clindamycin phosphate-gentamycin combination in endometritis following induced abortion] Rossi P, et al. **Ann Ostet Ginecol Med Perinat** 1984 Jul-Aug;105(4):267-71 (Eng. Abstr.) (Ita)

ETIOLOGY

Risk factors for postcesarean endomyometritis. Yonekura ML. **Am J Med** 1985 Jun 28;78(6B):177-87 (108 ref.)

Postabortal pelvic infection associated with Chlamydia trachomatis and the influence of humoral immunity. Oser S, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):699-703

An association between ureaplasma urealyticum and endomyometritis after cesarean section. Lavery JP, et al. **J Ky Med Assoc** 1985 Jul;83(7):359-62

[Breakage of a coil in utero] Sigh B. **Ugeskr Laeger** 1984 Jun 25;146(26):1939 (Eng. Abstr.) (Dan)

[Complications and failures of using intrauterine contraceptive devices] Botiuk K. **Ginekol Pol** 1985 Jan;56(1):5-8 (Eng. Abstr.) (Pol)

[Clinico-bacteriological characteristics of endometritis after cesarean section] Rukhadze TG. **Akush Ginekol (Mosk)** 1984 Dec;(12):54-6 (Eng. Abstr.) (Rus)

[Uterine microflora in parturients after pathological hemorrhage during labor] Zhuchenko OG, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):38-40 (Eng. Abstr.) (Rus)

[Puerperal endometritis, sepsis and meningitis caused by Streptococcus pneumoniae (letter)] Vallés J, et al. **Med Clin (Barc)** 1985 Feb 23;84(7):293 (Spa)

METABOLISM

Significance of collagen in pathological lesions of endometrium. Aziz M, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):173-8

MICROBIOLOGY

Chlamydia trachomatis isolation in patients with endometritis after cesarean section. Blanco JD, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):278-9

Vibrio vulnificus endometritis. Tison DL, et al. **J Clin Microbiol** 1984 Aug;20(2):185-6

Chlamydial endometritis. Paavonen J, et al. **J Clin Pathol** 1985 Jul;38(7):726-32

Endometritis and acute salpingitis associated with Chlamydia trachomatis and herpes simplex virus type two. Paavonen J, et al. **Obstet Gynecol** 1985 Feb;65(2):288-91

[Gonorrhea in women using intrauterine contraceptive devices] Péč J, et al. **Bratisl Lek Listy** 1985 Aug;84(2):215-20 (Eng. Abstr.) (Slo)

OCCURRENCE

Metritis in dairy herds: an epidemiological approach with special reference to ovarian cyclicity. Andriamanga S, et al. **Ann Rech Vet** 1984;15(4):503–8

PATHOLOGY

Chlamydial endometritis. A histological and immunohistochemical analysis. Winkler B, et al. **Am J Surg Pathol** 1984 Oct;8(10):771–8

Xanthogranulomatous endometritis associated with endometrial carcinoma. Pounder DJ, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):73–5

Comparative cytologic evaluation of device smears in women using CuT 200 devices & Lippes loop. Engineer AD, et al. **Indian J Med Res** 1984 Jun;79:766–71

Adherence of Escherichia coli in pathogenesis of endometritis and effects of estradiol examined by scanning electron microscopy. Nishikawa Y. **Infect Immun** 1985 Jan; 47(1):318–21

Tuberculous endometritis. Bhola V, et al. **J Indian Med Assoc** 1984 May;82(5):149–51

PHYSIOPATHOLOGY

Effects of ovarian hormones on manifestation of purulent endometritis in rat uteruses infected with Escherichia coli. Nishikawa Y, et al. **Infect Immun** 1985 Jan;47(1):311–7

PREVENTION & CONTROL

Prevention of endomyometritis by local application of antibiotic solution during cesarean section. Jensen LP, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):565–8

Prophylaxis and treatment of anaerobic infections following caesarean section with tinidazole. Karhunen M, et al. **Chemotherapy** 1985;31(3):228–36

The efficacy of antibiotic prophylaxis in the prevention of post-cesarean section endometritis. Donowitz LG, et al. **Infect Control** 1985 May;6(5):189–93

Comparison of intravenous cefoxitin prophylaxis with intraoperative cefoxitin irrigation for the prevention of post-cesarean-section endometritis. Boothby R, et al. **J Reprod Med** 1984 Nov;29(11):830–2

Single- versus three-dose cefotaxime prophylaxis for cesarean section. Gonik B. **Obstet Gynecol** 1985 Feb; 65(2):189–93

THERAPY

[Acupuncture in cases of insufficient uterine involution and endometritis in the puerperium] Vorontsova GM, et al. **Akush Ginekol (Mosk)** 1984 Aug;(8):44–6 **(Rus)**

VETERINARY

Comparison of peripheral blood and uterine-derived polymorphonuclear leukocytes from mares resistant and susceptible to chronic endometritis: chemotactic and cell elastimetry analysis. Liu IK, et al. **Am J Vet Res** 1985 Apr; 46(4):917–20

Aspects of bacteriology and endocrinology of cows with pyometra and retained fetal membranes. Olson JD, et al. **Am J Vet Res** 1984 Nov;45(11):2251–5

Metritis in dairy herds: an epidemiological approach with special reference to ovarian cyclicity. Andriamanga S, et al. **Ann Rech Vet** 1984;15(4):503–8

Prostaglandin therapeutics in the bitch and queen. Henderson RT. **Aust Vet J** 1984 Oct;61(10):317–9

Iodine in milk of cows after intrauterine infusion of Lugol's solution. McCaughan CJ, et al. **Aust Vet J** 1984 Jun; 61(6):200–1

Experimental infection of mares with Haemophilus equigenitalis. Rogerson BA, et al. **Aust Vet J** 1984 Dec; 61(12):392–5

Endometritis in the mare caused by a Coryneform organism—a case report and experimental studies. Blue MG, et al. **Cornell Vet** 1984 Oct;74(4):331–43

Contagious equine metritis—use of gas liquid chromatography in identifying the causal agent. Neill SD, et al. **Equine Vet J** 1984 Sep;16(5):430–4

Morphology of three strains of contagious equine metritis organism. Hitchcock PJ, et al. **Infect Immun** 1985 Apr; 48(1):94–108

Therapeutic strategies involving antimicrobial treatment of the uterus in large animals. Gustafsson BK. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1194–8 (37 ref.)

On the use of oxytetracycline in reducing the incidence of metritis in dairy cows. Moore CW, et al. **J S Afr Vet Assoc** 1984 Jun;55(2):65–9

Contagious equine metritis: experimental infection in the donkey. Timoney PJ, et al. **Vet Microbiol** 1985 Apr; 10(3):259–68

Relationship between overfeeding, metritis and ketosis in high yielding dairy cows. Markusfeld O. **Vet Rec** 1985 May 4;116(18):489–91

The value of spectrofluorometry for the diagnosis of contagious equine metritis. Brown BS, et al. **Zentralbl Veterinarmed [B]** 1985 Feb;32(2):77–84

[Use of amopen foaming tablets in treating chronic endometriosis in cows] Elezov G, et al. **Vet Med Nauki** 1984;21(10):75–80 (Eng. Abstr.) **(Bul)**

[Prevention of mastitis-metritis-agalactia in sows of problem herds] Koch W. **Schweiz Arch Tierheilkd** 1985 Apr; 127(4):273–7 (Eng. Abstr.) **(Ger)**

[Normo- and pathocyclia in the female dog. Diagnosis and therapy] Wollinger F. **Tierarztl Prax** 1984;12(1):85–91 **(Ger)**

ENDOMETRIUM

ANALYSIS

Human endometrial prostaglandin E2 binding sites and their profiles during the menstrual cycle and in pathologic states. Hofmann GE, et al. **Am J Obstet Gynecol** 1985 Feb 1; 151(3):369–75

Pregnancy-associated plasma protein-A (PAPP-A): concentration in uterine fluid and immunohistochemical localization in the endometrium. Bischof P, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):863–9

Cytoplasmic estrogen receptor concentrations in the endometrium of Finnish and Japanese women. Punnonen R, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Jul; 17(5):321–5

The 'dysharmonic luteal phase' syndrome: endometrial progesterone receptor and estradiol dehydrogenase. Gravanis A, et al. **Fertil Steril** 1984 Nov;42(5):730–6

Endometrial estradiol and progesterone receptors in patients with luteal phase defects and endometriosis. Saracoglu OF, et al. **Fertil Steril** 1985 Jun;43(6):851–5

Tissue and intracellular distribution of estradiol receptors in the uterine endometrium. Yajima A, et al. **Gynecol Obstet Invest** 1985;19(2):97–102

The presence of an estrogen-regulated protein detected by monoclonal antibody in abnormal human endometrium. Ciocca DR, et al. **J Clin Endocrinol Metab** 1985 Jan; 60(1):137–43

Immunochemical detection and characterization of pregnancy-associated endometrial alpha 1- and alpha 2-globulins secreted by human endometrium and decidua. Bell SC, et al. **J Reprod Fertil** 1985 May;74(1):261–70

The measurement of steroid hormones in endometrial tissue: a comparison between two methods of extraction. Bonney RC, et al. **J Steroid Biochem** 1984 Oct;21(4):479–81

The endogenous concentration of estradiol and estrone in normal human postmenopausal endometrium. Vermeulen-Meiners C, et al. **J Steroid Biochem** 1984 Nov; 21(5):607–12

Immunoreactive beta-endorphin is demonstrable in the secretory but not in the proliferative endometrium. Wahlström T, et al. **Life Sci** 1985 Mar 11;36(10):987–90

Identification and characterization of luteinizing hormone-releasing hormone (LH-RH) receptors in the endometrial tissue of pregnant rats. Cao YQ, et al. **Sci Sin [B]** 1984 Jul;27(7):687–95

[Estrogen and progesterone receptor assay in the normal endometrium and endometrial carcinoma] Li SY. **Chung Hua Chung Liu Tsa Chih** 1984 Nov;6(6):429–31 (Eng. Abstr.) **(Chi)**

[Endometrial estrogen and progesterone receptors in women wearing intrauterine contraceptive devices] Niu EM. **Chung Hua Fu Chan Ko Tsa Chih** 1985 May;20(3):160–3, 190 (Eng. Abstr.) **(Chi)**

[Intracellular distribution of estrogen receptors in the human endometrium] Fanchenko ND, et al. **Vopr Med Khim** 1985 Mar–Apr;31(2):24–7 (Eng. Abstr.) **(Rus)**

ANATOMY & HISTOLOGY

Sonographic criteria of phasic changes in human endometrial tissue. Sakamoto C. **Int J Gynaecol Obstet** 1985 Feb; 23(1):7–12

Ultrasonic assessment of endometrial changes in stimulated cycles in an in vitro fertilization and embryo transfer program. Smith B, et al. **J In Vitro Fert Embryo Transfer** 1984 Dec;1(4):233–8

Sonographic depiction of endometrial changes occurring with ovulation induction. Fleischer AC, et al. **J Ultrasound Med** 1984 Aug;3(8):341–6

Endometrial echo and its significance in female infertility. Brandt TD, et al. **Radiology** 1985 Oct;157(1):225–9

[Light and electron microscopic studies of uterine glands in cattle during the hormone-induced cycle] Dahir AM, et al. **Zentralbl Veterinarmed [A]** 1985 Apr;32(4):297–311 (Eng. Abstr.) **(Ger)**

[Hysteroscopic findings in the evaluation of the morphofunctional changes in the endometrium at various stages of the cycle] Durando C, et al. **Minerva Ginecol** 1984 Dec;36(12):787–9 (Eng. Abstr.) **(Ita)**

BLOOD SUPPLY

Immunofluorescent studies of the endometrial arteries in the first trimester of pregnancy. Lichtig C, et al. **Am J Clin Pathol** 1985 May;83(5):633–6

CYTOLOGY

Curschmann's spirals in equine endometrial washings [letter] Roszel JF, et al. **Acta Cytol (Baltimore)** 1985 Mar–Apr; 29(2):186

A zonal pattern of cell proliferation and differentiation in the rhesus endometrium during the estrogen surge. Padykula HA, et al. **Biol Reprod** 1984 Dec;31(5):1103–18

Phagocytotic and iron-storing capacities of stromal cells in the rat endometrium. A histochemical and ultrastructural study. Cornillie FJ, et al. **Cell Tissue Res** 1985; 239(3):467–76

Age changes in density of endometrial stromal cells of the rat. Craig SS, et al. **Exp Gerontol** 1985;20(2):93–7

Human endometrium and endometriotic tissue obtained simultaneously: a comparative histological study. Bergqvist A, et al. **Int J Gynecol Pathol** 1984;3(2):135–45

Endometrial lymphoid tissue: an immunohistological study. Morris H, et al. **J Clin Pathol** 1985 Jun;38(6):644–52

Prostaglandin production from homogenates of separated glandular epithelium and stroma from human endometrium. Lumsden MA, et al. **Prostaglandins** 1984 Oct;28(4):485–96

[Morphometric and ultrastructural aspect of macrophages present in the endometrium of rats during the estrous cycle] Simões MJ, et al. **Rev Bras Biol** 1984 May;44(2):197–201 (Eng. Abstr.) **(Por)**

[Characteristics of the cytological picture of the endometrium in healthy fertile women of child-bearing age] Petrova AS, et al. **Lab Delo** 1984;(8):474–8 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Effect of long-term therapy with estrogen and progesterone on the endometrium of post-menopausal women. Varma TR. **Acta Obstet Gynecol Scand** 1985;64(1):41–6

Effect of natural estrogen on the serum level of follicle-stimulating hormone (FSH), estradiol and estrone in post-menopausal women and its effect on endometrium. Varma TR, et al. **Acta Obstet Gynecol Scand** 1985; 64(2):105–9

Continuous treatment with a combination of estrogen and gestagen—a way of avoiding endometrial stimulation. Clinical experiences with Kliogest. Staland B. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:29–35

The effect of a prostaglandin synthetase inhibitor on the hormonal profile and the endometrium in women. Landgren BM, et al. **Am J Obstet Gynecol** 1985 Feb 1; 151(3):361–8

Endometrial responses to transdermal estradiol in postmenopausal women. Whitehead MI, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1079–84

The inhibitory effects of beta-momorcharin on endometrial cells in the mouse. Chan WY, et al. **Contraception** 1985 Jan;31(1):83–90

The zoapatle. VIII. Ultrastructural changes in endometrium of rats. González Angulo A, et al. **Contraception** 1985 May; 31(5):509–21

Biological, microscopic and scanning electron microscopic investigations of the effects of postinor /d-norgestrel/ in rabbits. Ugocsai G, et al. **Contraception** 1984 Aug; 30(2):153–9

Pharmacokinetics, pharmacodynamic and endometrial effects of a single dose of 200 mg norethisterone enanthate. Zalányi S, et al. **Contraception** 1984 Sep;30(3):225–37

Histologic response of normal human endometrium to steroid hormones in athymic mice. Zaino RJ, et al. **Hum Pathol** 1985 Sep;16(9):867–72

Endometrial and pituitary responses to the steroidal antiprogestin RU 486 in postmenopausal women. Gravanis A, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):156–63

Histochemical and ultrastructural characteristics of the endometrial connective tissue stroma from mice continuously fed diethylstilbestrol. Wordinger RJ, et al. **Virchows Arch [Cell Pathol]** 1984;47(3):247–61

[Electron microscopic observations on the effect of gossypol on the human endometrium] Zhu PD. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Oct;19(4):246–9, 258 (Eng. Abstr.) **(Chi)**

ENZYMOLOGY

Diamine oxidase activity in human decidua and endometrium. Holinka CF, et al. **Am J Obstet Gynecol** 1984 Oct 15; 150(4):359–63

Activities of glycogen synthetase and glycogen phosphorylase in the human endometrium: relative distribution in isolated glands and stroma. Souda Y, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):100–5

Estrone sulfatase activity in normal and abnormal endometrium. Adessi GL, et al. **Arch Gynecol** 1984; 236(1):13–8

Analysis of isoenzymes in normal and carcinogen-treated human endometrial stromal cells in culture. Nelson KG, et al. **Carcinogenesis** 1985 Feb;6(2):181–8

'In vitro' effect of progesterone on alpha-L-fucosidase activity of human endometrium. Vesce F, et al. **Eur J Gynaecol Oncol** 1985;6(2):154–6

Placental alkaline phosphatase in benign and malignant endometrium. Davies JO, et al. **Histochem J** 1985 May; 17(5):605–12

Pattern of steroid interaction with inducers of aryl hydrocarbon hydroxylase activity in several cloned estradiol-responsive stromal cell strains from mouse endometrium. Stols L, et al. **J Cell Physiol** 1985 Jun; 123(3):395–400

In vitro effect of estrogens on the peroxidase activity of human endometrium. Okada H, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):404–7

Hormonal sensitivity of adenylate cyclase from human endometrium: modulation by estradiol. Bergamini CM, et al. **J Steroid Biochem** 1985 Mar;22(3):299–303

Inhibition of aromatase and NADPH cytochrome c reductase activities in human endometrium by the human placental NADPH cytochrome c reductase antiserum. Tseng L, et al. **J Steroid Biochem** 1985 Apr;22(4):555–7

Aromatization of androstenedione by normal and neoplastic endometrium of the uterus. Yamaki J, et al. **J Steroid Biochem** 1985 Jan;22(1):63–6

IMMUNOLOGY

Antiendometrial antibodies in patients with endometriosis. Wild RA, et al. **Am J Reprod Immunol Microbiol** 1985 Jul;8(3):84-6

The expression of Ca antigen in normal, hyperplastic and neoplastic endometrium. Ferguson AM, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):1042-5

Immunohistological characterization of the decidual leucocytic infiltrate related to endometrial gland epithelium in early human pregnancy. Bulmer JN, et al. **Immunology** 1985 May;55(1):35-44

METABOLISM

Effects of progesterone on nuclear ribonucleoprotein constituents of endometrial cells of the rat. Echeverria OM, et al. **Acta Anat (Basel)** 1985;122(4):205-11

Resorption of endometrial collagen in oophorectomized rats. Simões ME, et al. **Acta Anat (Basel)** 1984;120(3):142-5

Histochemical localization of specific estrogen and progesterone binding in human endometrium and endometriotic tissue. A preliminary report. Bergqvist A, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:15-6

Binding of estrogen and progesterone to human endometrium in the different phases of the menstrual cycle. A histochemical study. Bergqvist A, et al. **Am J Clin Pathol** 1985 Apr;83(4):444-9

In vitro binding of insulin and epidermal growth factor to human endometrium and endocervix. Sheets EE, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):60-5

Cytoplasmic estrogen and progesterone receptors in canine endometrium during the estrous cycle. Johnston SD, et al. **Am J Vet Res** 1985 Aug;46(8):1653-8

Localization of the iron transport glycoprotein, uteroferrin, in the porcine endometrium and placenta by using immunocolloidal gold. Raub TJ, et al. **Anat Embryol (Berl)** 1985;171(2):253-8

Clomiphene-induced changes in endometrial receptor kinetics on the day of ovum collection after ovarian stimulation: a study on cytosol and nuclear estrogen and progestin receptors and 17 beta-hydroxysteroid dehydrogenase. Rönnberg L, et al. **Ann NY Acad Sci** 1985; 442:408-15

The clinical significance of endometrial prolactin. Healy DL. **Aust NZ J Obstet Gynaecol** 1984 May;24(2):111-6 (42 ref.)

Partial purification and characterisation of two compounds from amniotic fluid which inhibit phospholipase activity in human endometrial cells. Wilson T, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):22-9

Permeability and changes in carbohydrate moiety in rat endometrial epithelium during oestrus as revealed by ruthenium red. Hurtado de Mendoza MV, et al. **Biol Cell** 1985;53(2):187-90

Relaxin concentrations in endometrial, placental, and ovarian tissues and in sera from ewes during middle and late pregnancy. Renegar RH, et al. **Biol Reprod** 1985 May; 32(4):840-7

Protein synthesis and secretion by the human endometrium and decidua during early pregnancy. Bell SC, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):793-803

Reproductive toxicity associated with endometrial cell mediated metabolism of benzo[a]pyrene: a combined in vitro, in vivo approach. Iannaccone PM, et al. **Carcinogenesis** 1984 Nov;5(11):1437-42

Ethynyl-estradiol (EE-2) retained in blood and endometrium during and after steroidal contraception. Sojo-Aranda, et al. **Contraception** 1985 Jan;31(1):43-9

Flow cytometric analysis and sorting of human endometrial cells after immunocytochemical lebeling for cytokeratin using a monoclonal antibody. Oud PS, et al. **Cytometry** 1985 Mar;6(2):159-64

Differential patterns of secretory protein localization within the pig uterine endometrium. Fazleabas AT, et al. **Endocrinology** 1985 Jan;116(1):240-5

Mechanism of action of an antiprogesterone, RU486, in the rabbit endometrium. Effects of RU486 on the progesterone receptor and on the expression of the uteroglobin gene. Rauch M, et al. **Eur J Biochem** 1985 Apr 15;148(2):213-8

Cyclic changes in human endometrial surface glycoproteins: a quantitative histochemical study. Jansen RP, et al. **Fertil Steril** 1985 Jul;44(1):85-91

Sex steroid hormones influence the cAMP content in human endometrium during the menstrual cycle. Pansini F, et al. **Gynecol Obstet Invest** 1984;18(4):174-7

Pregnancy-related changes in the human endometrium revealed by lectin histochemistry. Lee MC, et al. **Histochemistry** 1985;82(3):275-80

Uteroglobin synthesis by rabbit uterine endometrial explants. Saxena SK, et al. **Indian J Biochem Biophys** 1984 Feb; 21(1):47-50

Significance of collagen in pathological lesions of endometrium. Aziz M, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):173-8

Cytoplasmic and nuclear estrogen receptors and leucine incorporation in endometrium of cyclic and pregnant pigs to day 19 postestrus. Rexroad CE Jr, et al. **J Anim Sci** 1984 Nov;59(5):1286-94

Estrogen receptor expression in serially cultivated rat endometrial cells: stimulation by forskolin and cholera toxin. Heimann R, et al. **J Cell Physiol** 1985 May; 123(2):197-200

In vitro effects of ovarian steroids on prostaglandin F2 alpha output by human endometrium and endometrial epithelial cells. Schatz F, et al. **J Clin Endocrinol Metab** 1985 Aug; 61(2):361-7

Histochemical demonstration of estrogen and progesterone binding in endometriotic tissue and in uterine endometrium: A comparative study. Bergqvist A, et al. **J Histochem Cytochem** 1985 Feb;33(2):155-61

Estrogen and progesterone receptors of human endometrial cells in vivo and in vitro: comparative results of radiochemical and histochemical assays. Gay G, et al. **J Recept Res** 1983-84;3(6):685-701

Prolactin as a factor in the uterine response to progesterone in rabbits. Daniel JC Jr, et al. **J Reprod Fertil** 1984 Nov; 72(2):443-52

Steroid metabolism by endometrial and conceptus tissues during early pregnancy and pseudopregnancy in gilts. Fischer HE, et al. **J Reprod Fertil** 1985 Sep;75(1):69-78

Patterns of protein synthesis in endometrial tissues from ovariectomized rats treated with oestradiol and progesterone. Lejeune B, et al. **J Reprod Fertil** 1985 Jan; 73(1):223-8

Cyclic changes in phospholipid content and composition in human endometrium during the menstrual cycle. Montané JL, et al. **J Reprod Fertil** 1985 Mar;73(2):317-21

Proteins synthesized by the rat endometrium during early pregnancy. Mulholland J, et al. **J Reprod Fertil** 1984 Nov; 72(2):395-400

Progesterone-mediated suppression of estradiol receptors in cynomolgus macaque cervix, endometrium and oviduct during sequential estradiol-progesterone treatment. West NB, et al. **J Steroid Biochem** 1985 Jan;22(1):29-37

Immunohistochemical assessment of estrogen receptor distribution in the human endometrium throughout the menstrual cycle. Press MF, et al. **Lab Invest** 1984 Nov; 51(5):495-503

Pseudocorpus luteum insufficiency: a study of cytosol progesterone receptors in human endometrium. Spirtos NJ, et al. **Obstet Gynecol** 1985 Apr;65(4):535-40

Saccharides localized by fluorescent lectins on trophectoderm and endometrium prior to implantation in pigs, sheep and equids. Whyte A, et al. **Placenta** 1984 Nov-Dec;5(6):533-40

Inhibitory effects of dispersed human amnion cells on production rates of prostaglandin E and F by endometrial cells. Manzai M, et al. **Prostaglandins** 1984 Sep; 28(3):297-307

The measurement of human endometrial prostaglandin production. A comparison of two in vitro methods. Peek MJ, et al. **Prostaglandins** 1985 Jan;29(1):3-18

Synthesis of prostaglandin F by cultured human endometrial cells. Skinner SJ, et al. **Prostaglandins** 1984 Jun; 27(6):821-38

Further studies on the control of arachidonic acid turnover in guinea-pig endometrium in relation to prostaglandin production. Ning AC, et al. **Prostaglandins Leukotrienes Med** 1984 Dec;16(3):285-302

Evidence for an inverse relationship between cyclooxygenase and lipoxygenase pathways in the pregnant rabbit endometrium. Pakrasi PL, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):347-52

Progestin modulation of estrogen-dependent marker protein synthesis in the endometrium. DeSombre ER, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 1):6-11

[Biochemical study of the endometrium of gilts in the estrous cycle and early pregnancy] Wollenhaupt K, et al. **Arch Exp Veterinarmed** 1984 Sep;38(5):649-57 (Eng. Abstr.) (Ger)

[Experimental studies on the mechanism of implantation observed from PGF levels] Kasamo M. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):83-91 (Eng. Abstr.) (Jpn)

[Comparative characteristics of several properties of the estradiol-binding system of the human uterus and fallopian tubes] Fanchenko ND. **Vopr Med Khim** 1984 Jul-Aug; 30(4):116-8 (Eng. Abstr.) (Rus)

MICROBIOLOGY

Recovery of Chlamydia trachomatis from the endometrium in infertile women with serum antichlamydial antibodies. Cleary RE, et al. **Fertil Steril** 1985 Aug;44(2):233-5

Detection of herpes simplex virus in women with acute pelvic inflammatory disease. Lehtinen M, et al. **J Infect Dis** 1985 Jul;152(1):78-82

Capnocytophaga isolated from the endometrium as a cause of neonatal sepsis. A case report. Mercer LJ. **J Reprod Med** 1985 Jan;30(1):67-8

PATHOLOGY

Efficacy of the Isaacs Endometrial Cell Sampler in the cytologic detection of endometrial abnormalities. Veneti SZ, et al. **Acta Cytol (Baltimore)** 1984 Sep-Oct;28(5):546-54

Anatomic basis of endometrial cytology. von Lüdinghausen M, et al. **Acta Cytol (Baltimore)** 1984 Sep-Oct;28(5):555-62

Comparison of the histological appearance of human endometrium and endometriotic tissue obtained simultaneously. A preliminary report. Bergqvist A, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:11-2

Uterine cancer screening by the family physician. Boone MI, et al. **Am Fam Physician** 1984 Nov;30(5):157-66

Comparison of endometrial biopsy and peritoneal fluid cytologic testing with laparoscopy in the diagnosis of acute pelvic inflammatory disease. Paavonen J, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):645-50

Hodgkin's disease of the endometrium. Hung LH, et al. **Arch Pathol Lab Med** 1985 Oct;109(10):952-3

Condylomatous atypia of the endometrial cavity. Case report. Roberts PF, et al. **Br J Obstet Gynaecol** 1985 May; 92(5):535-8

Promotion-like enhancement of transformed phenotypes in human endometrial stromal cells. Siegfried JM, et al. **Carcinog Compr Surv** 1985;8:279-92

The late luteal phase in infertile women: comparison of simultaneous endometrial biopsy and progesterone levels. Cumming DC, et al. **Fertil Steril** 1985 May;43(5):715-9

Comparative cytologic evaluation of device smears in women using CuT 200 devices & Lippes loop. Engineer AD, et al. **Indian J Med Res** 1984 Jun;79:766-71

Morphometric analysis of nuclei in epithelial structures from normal and neoplastic endometrium: a study using the Isaacs cell sampler and Endoscann instruments. Skaarland E. **J Clin Pathol** 1985 May;38(5):496-501

Nuclear size and shape of epithelial cells from the endometrium: lack of value as a criterion for differentiation between normal, hyperplastic, and malignant conditions. Skaarland E. **J Clin Pathol** 1985 May;38(5):502-6

Histological profile of diagnostic endometrial curettage and its significance. Debdas AK, et al. **J Indian Med Assoc** 1984 Sep;82(9):309-12

Endometrial cytology [editorial] Morse A, et al. **J R Soc Med** 1984 Dec;77(12):997-8

Endometrial biopsy, bacteremia, and endocarditis risk. Livengood CH 3d, et al. **Obstet Gynecol** 1985 May; 65(5):678-81

Amenorrhea and endometrial atrophy with continuous oral estrogen and progestogen therapy in postmenopausal women. Magos AL, et al. **Obstet Gynecol** 1985 Apr; 65(4):496-9

The value of endometrial cytology. A comparative study of the Gravlee jet-washer, Isaacs cell sampler, and Endoscann versus curettage in 600 patients. Iversen OE, et al. **Obstet Gynecol Surv** 1985 Jan;40(1):14-20 (31 ref.)

The endometrium of infertility. A review. Dallenbach-Hellweg G. **Pathol Res Pract** 1984 Jul; 178(6):527-37

Decidual changes in the endometrium and morphological adaptation of the associated supplying arteries in the normal and diabetic pseudopregnant rat. Norambuena J, et al. **Placenta** 1984 May-Jun;5(3):249-60

[Comparative morphology of the endometrium and foci of endometriosis. Histogenetic deductions] Hoang NM, et al. **Arch Anat Cytol Pathol** 1984;32(3):149-52 (Eng. Abstr.) (Fre)

[Osteogenic metaplasia or residual embryonic endometrial ossification?] Verstraete JP, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(4):425-31 (Eng. Abstr.) (Fre)

[Reflections on endometrial osteogenesis. Apropos of 3 cases] Hoang-Ngoc Minh, et al. **Rev Fr Gynecol Obstet** 1984 Jun; 79(6):471-4 (Eng. Abstr.) (Fre)

[A new method of endometrial biopsy: Inocuret] Priou G, et al. **Rev Fr Gynecol Obstet** 1984 Jan;79(1):63-7 (Fre)

[Clear cells of the endometrium: an indicator of estrogen level] Tseleni S, et al. **Zentralbl Gynakol** 1985;107(10):622-7 (Eng. Abstr.) (Ger)

[Diagnostic reliability of the endometrial swab in the detection of preneoplastic and neoplastic lesions of the endometrium] Zardini R, et al. **Ann Ostet Ginecol Med Perinat** 1985 Jan-Feb;106(1):40-2 (Eng. Abstr.) (Ita)

[Cervicovaginal and endometrial cytology in women fitted with intrauterine devices] Tanferna M, et al. **Minerva Ginecol** 1984 Dec;36(12):805-14 (Eng. Abstr.) (Ita)

[Pathological study of endometrial carcinogenesis in androgen-sterilized-rats] Naito M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Dec; 36(12):2561-6 (Eng. Abstr.) (Jpn)

[Endometrial cytology. Endocyte compared with uterine curettage] Medalen TJ, et al. **Tidsskr Nor Laegeforen** 1984 Aug 20;104(23):1540-2 (Eng. Abstr.) (Nor)

[Structural characteristics of the pathologically changed uterus after treatment with sex hormones] Akobdzhanian MA, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):31-4 (Eng. Abstr.) (Rus)

[Hyperplastic endometrial processes in patients with postpartum obesity and disordered menstrual function] Ulіatovskaia LN. **Akush Ginekol (Mosk)** 1985 Mar;(3):46-8 (Eng. Abstr.) (Rus)

[Histological changes in the endometrium in women with metrorrhagia in the climacteric] Janjić M, et al. **Srp Arh Celok Lek** 1983 Aug;111(8):1089-95 (Eng. Abstr.) (Scr)

[Biopsy of endometrium by aspiration] Madrid MA, et al. **Rev Chil Obstet Ginecol** 1982;47(6):380-3 (Eng. Abstr.) (Spa)

PHYSIOLOGY

Postpartum regeneration of the guinea pig endometrium: relationship to serum estradiol and progesterone concentrations. Garris DR. **Anat Rec** 1984 Sep;210(1):41-4

Pregnancy proteins in the endometrium after follicle aspiration for in vitro fertilization. Wahlström T, et al. **Ann NY Acad Sci** 1985;442:402-7

Observations on the survival in vitro of cultured explants of porcine endometrium. Trujano M, et al. **Br Vet J** 1985 Jul-Aug;141(4):372-7

In vitro development of porcine embryos in coculture with endometrial cell monolayers or culture supernatants. Allen RL, et al. **J Anim Sci** 1984 Dec;59(6):1657-61

Passive immunization against progesterone inhibits endometrial sensitization in pseudopregnant mice and has antifertility effects in pregnant mice which are reversible by steroid treatment. Rider V, et al. **J Endocrinol** 1985 Jan;104(1):153-8

Adaptations to reduction of endometrial surface available for placental development in sheep. Caton D, et al. **J Reprod Fertil** 1984 Nov;72(2):357-64

Prostaglandins in the human uterus: an interaction between endometrium and myometrium. Cameron IT, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):329-35

[Endometrial hyporeceptive and hyperreceptive states detected hysteroscopically] Osnengo G, et al. **Minerva Ginecol** 1984 Dec;36(12):791-2 (Eng. Abstr.) (Ita)

SECRETION

Prolactin production by explants of normal, luteal phase defective, and corrected luteal phase defective late secretory endometrium. Ying YK, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):801-4

Prostaglandin F2 alpha output by human endometrium under superfusion and organ culture conditions. Markiewicz L, et al. **J Steroid Biochem** 1985 Feb;22(2):231-5

TRANSPLANTATION

Human endometrium transplanted into nude mice. Histologic effects of various steroid hormones. Bergqvist A, et al. **Am J Pathol** 1985 May;119(2):336-44

ULTRASTRUCTURE

Effects of experimentally-induced diabetes on oestradiol-stimulated changes in the ultrastructure of the rat endometrium. Frederick GT, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):414-20

Ultrastructural changes in the endometrium of rabbit induced by spermatozoa. González-Angulo A, et al. **Arch Androl** 1984;12 Suppl:1-8

Effects of antifertility estrogens and progestins on the endometrial surface of early pregnant rats. A scanning electron microscopic study. Koch M, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):138-46

Fluid and protein clearance in the rat endometrium. Part II: Ultrastructural evidence for the presence of alternative, non-lymphatic clearance mechanisms in the rat endometrium. Cornillie FJ, et al. **Experientia** 1984 Nov 15;40(11):1264-6

Fluid and protein clearance in the rat endometrium. Part I: Ultrastructural proof of the absence of an intrinsic lymphatic system from the rat endometrium. Lauweryns JM, et al. **Experientia** 1984 Nov 15;40(11):1262-4

Cell-free synthesis of preuteroglobin and processing to uteroglobin by polysomes from rabbit endometrium. Nieto A. **Int J Biochem** 1985;17(4):537-40

Enzymatic sulfation of exogenous high molecular weight glycopeptides by microsomal fraction of the rabbit uterine endometrium. Munakata H, et al. **J Biol Chem** 1985 Jun 10;260(11):6851-6

Failure to detect specific binding sites for prostaglandin F-2 alpha in membrane preparations from rat endometrium. Martel D, et al. **J Reprod Fertil** 1985 Sep;75(1):265-74

Endometrium cell surface abnormalities in the Syrian hamster as a result of in utero exposure to diethylstilbestrol. Gilloteaux J, et al. **Scan Electron Microsc** 1985;(Pt 1):303-9

Long term effects of IUD on the human endometrium. Histologic, histochemical and ultrastructural studies. Lee YB, et al. **Yonsei Med J** 1983;24(2):141-8

[The endometrium of the immature rabbit stimulated by an estrogen and treated with a progestogen. Scanning electron microscopy study] Paris J, et al. **Arch Anat Microsc Morphol Exp** 1984;73(2):113-20 (Eng. Abstr.) (Fre)

[The endometrium of intact or castrated rats. Effects of hormonal stimulation. A scanning electron microscopy study] Paris J, et al. **Bull Assoc Anat (Nancy)** 1984 Jun;68(201):211-21 (Eng. Abstr.) (Fre)

[Fine structure of the uterine gland epithelium in cattle] Dahir AM, et al. **Z Mikrosk Anat Forsch** 1985;99(2):303-20 (Eng. Abstr.) (Ger)

[Ultrastructure of the ectopic endometrial glandular epithelium in five cases of adenomyosis—with particular reference to the normal proliferative endometrium and endometrial adenocarcinoma] Hayata T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun;37(6):879-87 (Eng. Abstr.) (Jpn)

[Ultrastructure of cells of hyperplastic endometrium after the direct impact of gestagens] Beliaeva LA, et al. **Akush Ginekol (Mosk)** 1984 Nov;(11):20-4 (Eng. Abstr.) (Rus)

[Ultrastructural characteristics of the endometrial cells in proliferative-type dyshormonal glandular hyperplasia] Lomakina II, et al. **Arkh Patol** 1984;46(8):17-23 (Eng. Abstr.) (Rus)

[Micromorphology of the endometrium of dairy cows after estrus synchronization with cloprostenol] Maraček I, et al. **Vet Med (Praha)** 1984 Nov;29(11):679-88 (Eng. Abstr.) (Slo)

ENDOMYCETALES see under **ASCOMYCETES**

ENDOMYCOPSIS see under **ASCOMYCETES**

ENDOMYOCARDIAL FIBROSIS

Endomyocardial fibrosis in Kerala State. Nair DV. **Indian Heart J** 1982 Nov-Dec;34(6):412-7

Endomyocardial fibrosis in Thai children. Sueblinvong V, et al. **J Med Assoc Thai** 1984 Jun;67(6):334-40

Relation between eosinophilia and endomyocardial disease. Olsen EG, et al. **Prog Cardiovasc Dis** 1985 Jan-Feb;27(4):241-54 (82 ref.)

ETIOLOGY

Are eosinophils the cause of endomyocardiel fibrosis in the tropics? Falase AO. **Afr J Med Med Sci** 1985 Mar-Jun;14(1-2):1-2

Benign course of endomyocardial fibrosis as a late complication of hypereosinophilic syndrome. Volpi A, et al. **G Ital Cardiol** 1985 Feb;15(2):238-40

[Restrictive cardiomyopathy] Xia SY. **Chung Hua Nei Ko Tsa Chih** 1984 Jul;23(7):442-4 (10 ref.) (Chi)

PATHOLOGY

[Anatomo-clinical forms of left endomyocardial fibrosis. Study of 22 surgically treated cases] Touze JE, et al. **Arch Mal Coeur** 1985 Jul;78(7):1066-73 (Eng. Abstr.) (Fre)

[Endomyocardial fibrosis. An anatomicoclinical report] Stanciu L, et al. **Rev Med Interna [Med Interna]** 1985 Jan-Feb;37(1):85-92 (Eng. Abstr.) (Rum)

[Endomyocardial fibrosis. Presentation of 2 cases] Vallejo JL, et al. **Rev Esp Cardiol** 1985 May-Jun;38(3):225-9 (Eng. Abstr.) (Spa)

[Endomyocardial fibrosis: an anatomo-clinical case] Espinosa R, et al. **Rev Med Chil** 1984 Dec;112(12):1243-7 (Eng. Abstr.) (Spa)

PHYSIOPATHOLOGY

Endomyocardial fibrosis: report of eight cases. Fawzy ME, et al. **J Am Coll Cardiol** 1985 Apr;5(4):983-8

SURGERY

The surgical treatment of endomyocardial fibrosis: results in 55 patients. Metras D, et al. **Circulation** 1985 Sep;72(3 Pt 2):II274-9

Results, indications and contra-indications of surgery in restrictive endomyocardial fibrosis: comparative study on 31 operated and 30 non-operated patients. Bertrand E, et al. **East Afr Med J** 1985 Mar;62(3):151-60

Right ventricular dysfunction after endocardiectomy for right ventricular endomyocardial fibrosis. Touze JE, et al. **Thorac Cardiovasc Surg** 1984 Oct;32(5):304-6

Endocardectomy for the surgical treatment of endocardial fibrosis of the left ventricle. Russo PA, et al. **Thorax** 1985 Aug;40(8):621-5

[Echocardiographic, angiographic and hemodynamic development of surgically treated endomyocardial fibrosis] Touze JE, et al. **Arch Mal Coeur** 1984 Sep;77(9):1006-12 (Eng. Abstr.) (Fre)

[The course of endomyocardial fibrosis following surgical endocardial decortication] Hess OM, et al. **Schweiz Med Wochenschr** 1984 Nov 10;114(45):1595-8 (Eng. Abstr.) (Ger)

[Immediate and late results of endomyocardial fibrosis surgery] Lima RC, et al. **Arq Bras Cardiol** 1981 Oct;37(4):259-67 (Eng. Abstr.) (Por)

VETERINARY

Diffuse myocardial fibrosis and congestive heart failure in an adult male chimpanzee. Hansen JF, et al. **Vet Pathol** 1984 Sep;21(5):529-31

ENDONUCLEASES

Use of S1 nuclease and formamide in combination for the reassociation studies on GC-rich DNA. Sadhu C, et al. **Anal Biochem** 1984 Oct;142(1):53-7

Comparison of the mitochondrial endonucleases from Neurospora crassa and Saccharomyces cerevisiae. von Tigerstrom RG, et al. **Can J Microbiol** 1985 Jul;31(7):654-6

High-sensitivity S1 mapping with single-stranded [32P]DNA probes synthesized from bacteriophage M13mp templates. Burke JF. **Gene** 1984 Oct;30(1-3):63-8

Essential interaction between lambdoid phage 21 terminase and the Escherichia coli integrative host factor. Feiss M, et al. **J Mol Biol** 1985 May 25;183(2):239-46

The terminase of bacteriophage lambda. Functional domains for cosB binding and multimer assembly. Frackman S, et al. **J Mol Biol** 1985 May 25;183(2):225-38

Transcriptionally active chromatin is sensitive to Neurospora crassa and S1 nucleases. Han S, et al. **J Mol Biol** 1984 Nov 5;179(3):469-96

DNase I and nuclease S1 sensitivity of the rabbit beta 1 globin gene in nuclei and in supercoiled plasmids. Margot JB, et al. **J Mol Biol** 1985 Jul 20;184(2):195-210

S1-sensitive sites in the supercoiled double-stranded form of tomato golden mosaic virus DNA component B: identification of regions of potential alternative secondary structure and regulatory function. Sunter G, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4645-59

[Study of the secondary and tertiary structure of phage MS2 RNA using nucleases and fluorescent dyes specific for secondary structure] Borisova OF, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1625-33 (Eng. Abstr.) (Rus)

BIOSYNTHESIS

Effects of membrane-acting drugs and aerobiosis on production of streptolysin S and nuclease in hemolytic streptococci. Taketo A, et al. **Z Naturforsch [C]** 1984 Nov-Dec;39(11-12):1128-31

DIAGNOSTIC USE

Propidium iodide and S1 nuclease: tools for studying DNA reassociation kinetics. Davies W, et al. **Anal Biochem** 1985 May 1;146(2):423-8

Influence of Neurospora endonuclease on trenimon-induced structural chromosomal aberrations and sister-chromatid exchanges in human peripheral lymphocytes and Chinese hamster ovary cells. Nowak C, et al. **Mutat Res** 1985 May;149(3):469-74

Mapping the location of psoralen crosslinks on RNA by mung bean nuclease sensitivity of RNA.DNA hybrids. Hui CF, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1381-5

Torsional stress induces an S1 nuclease-hypersensitive site within the promoter of the Xenopus laevis oocyte-type 5S RNA gene. Reynolds WF, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4018-22

GENETICS

Enzymes and sites of genetic recombination: studies with gene-3 endonuclease of phage T7 and with site-affinity mutants of phage lambda. de Massy B, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:715-26

The product of the HO gene is a nuclease: purification and characterization of the enzyme. Kostriken R, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:89-96

Competence related proteins in the supernatant of competent cells of Bacillus subtilis. Finn CW Jr, et al. **MGG** 1985;198(2):329-35

Reverse transcriptase rides again [news] Varmus HE. **Nature** 1985 Apr 18-24;314(6012):583-4

ISOLATION & PURIFICATION

Purification and mode of action of a microsomal endoribonuclease from rat liver. Kumagai H, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):424-30

DNA-binding proteins of human placenta: purification and characterization of an endonuclease. Premeela T, et al. **Mol Biol Rep** 1984 Dec;10(2):91-7

METABOLISM

Gene A protein of bacteriophage phi X174 is a highly specific single-strand nuclease and binds via a tyrosyl residue to DNA after cleavage. Van Mansfeld AD, et al. **Adv Exp Med Biol** 1984;179:221-30

Coupled endo-exodeoxyribonuclease activity from HeLa cell nuclei interacts with specific regions of the SV40 mini chromosome. Quarless SA. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):805-11

S1 nuclease sensitivity to cis- and trans-diamminedichloroplatinum(II) modified DNAS: influence of (G+C) content and nucleotide sequence. Scovell WM, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):367-74

Enhancement of S1 nuclease-susceptibility of negatively superhelical DNA by netropsin. Shishido K, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):388-92

A structural basis for S1 nuclease sensitivity of double-stranded DNA. Pulleyblank DE, et al. **Cell** 1985 Aug;42(1):271-80

Nuclease S1-sensitive sites in multigene families: human U2 small nuclear RNA genes. Htun H, et al. **EMBO J** 1985 Jul;4(7):1839-45

In vitro maturation of circular bacteriophage P2 DNA. Purification of ter components and characterization of the reaction. Bowden DW, et al. **J Biol Chem** 1985 Jun 10;260(11):6999-7007

An adenovirus cytocidal function related to the control of a cellular pH 4 endonuclease activity. D'Halluin JC, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):1873-87

A functional domain of bacteriophage lambda terminase for prohead binding. Frackman S, et al. **J Mol Biol** 1984 Dec 5;180(2):283-300

Conservation of major nuclease S1-sensitive sites in the non-conserved spacer region of ribosomal DNA in Drosophila species. Franz G, et al. **J Mol Biol** 1985 Jun 25;183(4):519-27

High-resolution mapping of S1- and DNase I-hypersensitive sites in chromatin. Weintraub H. **Mol Cell Biol** 1985 Jun;5(6):1538-9

Possible structures of homopurine-homopyrimidine S1-hypersensitive sites. Cantor CR, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8059-72

S1-hypersensitive sites in eukaryotic promoter regions. Evans T, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8043-58

Mung bean nuclease cleavage of a dA + dT-rich sequence or an inverted repeat sequence in supercoiled PM2 DNA depends on ionic environment. Sheflin LG, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7087-104

[Conditions for initial chromatin endonucleolysis and the characteristics of its products] Bubnov NV, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):154-6 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Plasmids of Streptomyces kasugaensis MB273: their pock formation, their dispensable endonuclease cleavage sites for pock formation, and transformation of S. kasugaensis MB273 by them. Akagawa H, et al. **J Antibiot (Tokyo)** 1984 Sep;37(9):1016-25

Induction of chromosome damage by Neurospora endonuclease in repair-inhibited quiescent normal human fibroblasts. Sen P, et al. **Mutat Res** 1984 Dec;129(3):359-64

PHYSIOLOGY

Coupled endo-exodeoxyribonuclease activity from HeLa cell nuclei can function in an excision repair mode in vitro. Quarless SA. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):812-7

ENDOPEPTIDASES see PEPTIDE PEPTIDOHYDROLASES

ENDOPLASMIC RETICULUM

ANALYSIS

[Various characteristics of the protein composition of ribosomes separated from granular membranes of the endoplasmic reticulum of rat liver] Mel'nikova NN. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):609-13 (Eng. Abstr.) (Rus)

DRUG EFFECTS

Changes in the relative distribution and properties of smooth endoplasmic reticulum subfractions isolated from the livers of rats fed 2-acetylaminofluorene. Fox OF, et al. **Cancer Lett** 1984 Aug;24(1):29-36

Quantitative analysis of smooth endoplasmic reticulum proliferation in hepatocytes of early postnatal and adult mice treated with phenobarbital. Kanai K, et al. **Gastroenterology** 1984 Nov;87(5):1131-7

Stereological analysis of smooth endoplasmic reticulum and peroxisome proliferation in hepatocytes from neonatal and adult mice after phenobarbital administration. Kanai K, et al. **Okajimas Folia Anat Jpn** 1984 Dec;61(5):327-35

ENZYMOLOGY

Mechanisms of disassembly of a mixed function oxygenase system in liver endoplasmic reticulum: II. The interrelation between lipid peroxidation and proteolytic degradation of cytochrome P-450. Kagan VE, et al. **Acta Physiol Pharmacol Bulg** 1984;10(2):82-9

Mechanisms of disassembly of a mixed function oxygenase system in liver endoplasmic reticulum: I. The role of peroxidation of membrane phospholipids. Kagan VE, et al. **Acta Physiol Pharmacol Bulg** 1984;10(2):73-81

Cytoplasmic location of linoleoyl-CoA desaturase in microsomal membranes of rat liver. Fujiwara Y, et al. **Arch Biochem Biophys** 1984 Sep;233(2):402-7

Glucosidase II, a glycoprotein of the endoplasmic reticulum membrane. Proteolytic cleavage into enzymatically active fragments. Hino Y, et al. **Biochemistry** 1985 Jan 29;24(3):800-5

Subcellular fractionation of pig stomach smooth muscle. A study of the distribution of the (Ca2+ + Mg2+)-ATPase activity in plasmalemma and endoplasmic reticulum. Raeymaekers L, et al. **Biochim Biophys Acta** 1985 May 28;815(3):441-54

Metabolism of benzo(a)pyrene by subcellular fractions of rat liver: evidence for similar patterns of cytochrome P-450 in rough and smooth endoplasmic reticulum but not in nuclei and plasma membrane. Oesch F, et al. **Cancer Res** 1985 Oct;45(10):4838-43

Membrane-bound domain of HMG CoA reductase is required for sterol-enhanced degradation of the enzyme. Gil G, et al. **Cell** 1985 May;41(1):249-58

Protein fatty acyltransferase is located in the rough endoplasmic reticulum. Berger M, et al. **FEBS Lett** 1985 Aug 5;187(2):289-94

False localization of acid phosphatase activity in the nuclear envelope and endoplasmic reticulum of peritoneal macrophages. Hoefsmit EC, et al. **Histochem J** 1985 Feb;17(2):235-41

Reaction mechanism of the calcium-transport ATPase in endoplasmic reticulum of rat liver. Demonstration of different reactive forms of the phosphorylated intermediate. Heilmann C, et al. **J Biol Chem** 1985 Jan 25;260(2):788-94

Phosphorylated intermediate of (Ca2+ + K+)-stimulated Mg2+-dependent transport ATPase in endoplasmic reticulum from rat pancreatic acinar cells. Imamura K, et al. **J Biol Chem** 1985 Sep 15;260(20):11339-47

Domain structure of 3-hydroxy-3-methylglutaryl coenzyme A reductase, a glycoprotein of the endoplasmic reticulum. Liscum L, et al. **J Biol Chem** 1985 Jan 10;260(1):522-30

The neuronal endoplasmic reticulum: its cytochemistry and contribution to the endomembrane system. II. Axons and terminals. Broadwell RD, et al. **J Comp Neurol** 1984 Dec 1;230(2):231-48

[Effect of modification of the lipid bilayer on the functioning of the electron transport chain of endoplasmic reticulum membranes in nitrosodiethylamine-induced hepatic carcinogenesis] Grinevich IuP, et al. **Eksp Onkol** 1984;6(6):42-5 (Eng. Abstr.) (Rus)

[Protective effect of alpha-tocopherol on the hydroxylating system in liver endoplasmic reticulum membranes against the damaging activity of hyperbaric oxygenation] Smirnov IuV, et al. **Vopr Med Khim** 1984;30(6):51-3 (Eng. Abstr.) (Rus)

IMMUNOLOGY

An enzyme-linked immunoassay for the detection of antibodies to endoplasmic reticulum. Gold P, et al. **Anal Biochem** 1985 Apr;145(1):82-9

Anti-liver-kidney microsome antibody recognizes a 50,000 molecular weight protein of the endoplasmic reticulum. Alvarez F, et al. **J Exp Med** 1985 May 1;161(5):1231-6

METABOLISM

Vanadyl and vanadate inhibit Ca2+ transport systems of the adipocyte plasma membrane and endoplasmic reticulum. Delfert DM, et al. **Arch Biochem Biophys** 1985 Sep;241(2):665-72

Asymmetric synthesis and transmembrane movement of phosphatidylethanolamine synthesised by base-exchange in rat liver endoplasmic reticulum. Hutson JL, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):236-43

Pushing the signal hypothesis: what are the limits? Hortsch M, et al. **Biol Cell** 1984;52(1 Pt A):1-8 (68 ref.)

Assembly of the endoplasmic reticulum phospholipid bilayer: the phosphatidylcholine transporter. Bishop WR, et al. **Cell** 1985 Aug;42(1):51-60

Ca-pumps in smooth muscle: one in plasma membrane and another in endoplasmic reticulum. Grover AK. **Cell Calcium** 1985 Jun;6(3):227-36 (40 ref.)

Structure and assembly of the endoplasmic reticulum. The synthesis of three major endoplasmic reticulum proteins during lipopolysaccharide-induced differentiation of murine lymphocytes. Lewis MJ, et al. **J Biol Chem** 1985 Mar 10;260(5):3050-7

Translocation of UDP-N-acetylglucosamine into vesicles derived from rat liver rough endoplasmic reticulum and Golgi apparatus. Perez M, et al. **J Biol Chem** 1985 Apr 25;260(8):4671-8

Inositol 1,4,5-trisphosphate and the endoplasmic reticulum Ca2+ cycle of a rat insulinoma cell line. Prentki M, et al. **J Biol Chem** 1985 Aug 5;260(16):9185-90

Exit of nonglycosylated secretory proteins from the rough endoplasmic reticulum is asynchronous in the exocrine pancreas. Scheele G, et al. **J Biol Chem** 1985 Jan 25;260(2):926-31

Effect of anion-specific inhibitors on the utilization of sugar nucleotides for N-linked carbohydrate unit assembly by thyroid endoplasmic reticulum vesicles. Spiro MJ, et al. **J Biol Chem** 1985 May 10;260(9):5808-15

Segregation of the polypeptide translocation apparatus to regions of the endoplasmic reticulum containing ribophorins and ribosomes. I. Functional tests on rat liver microsomal subfractions. Amar-Costesec A, et al. **J Cell Biol** 1984 Dec;99(6):2247-53

Transport of cholesterol from the endoplasmic reticulum to the plasma membrane. Kaplan MR, et al. **J Cell Biol** 1985 Aug;101(2):446-53

Segregation of the polypeptide translocation apparatus to regions of the endoplasmic reticulum containing ribophorins and ribosomes. II. Rat liver microsomal subfractions contain equimolar amounts of ribophorins and ribosomes. Marcantonio EE, et al. **J Cell Biol** 1984 Dec;99(6):2254-9

Characterization of calcium uptake into rough endoplasmic reticulum of rat pancreas. Bayerdörffer E, et al. **J Membr Biol** 1984;81(1):69-82

Association of poliovirus proteins with the endoplasmic reticulum. Tershak DR. **J Virol** 1984 Dec;52(3):777-83

Invertase beta-galactosidase hybrid proteins fail to be transported from the endoplasmic reticulum in Saccharomyces cerevisiae. Emr SD, et al. **Mol Cell Biol** 1984 Nov;4(11):2347-55

Calcium content of mitochondria and endoplasmic reticulum in liver frozen rapidly in vivo. Somlyo AP, et al. **Nature** 1985 Apr 18-24;314(6012):622-5

Inositol trisphosphate modification of ion transport in rough endoplasmic reticulum. Muallem S, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4433-7

Structural requirements for progesterone binding to the hepatic endoplasmic reticulum in the female rat. Ghoshal A, et al. **Steroids** 1984 Jun;43(6):621-30

The charge distribution in the rough endoplasmic reticulum/Golgi complex transitional area investigated by microinjection of charged tracers. Brac T. **Tissue Cell** 1984;16(6):859-71

[Study of the mechanism of initiation of enzymatic NADPH-dependent lipid peroxidation in membranes of the endoplasmic reticulum] Kagan VE, et al. **Biokhimiia** 1985 Jun;50(6):986-91 (Eng. Abstr.) (Rus)

PATHOLOGY

Leukocyte tubuloreticular inclusions in Reye's syndrome. Tang TT, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):543-5

Effects of luteinizing hormone withdrawal on Leydig cell smooth endoplasmic reticulum and steroidogenic reactions which convert pregnenolone to testosterone. Wing TY, et al. **Endocrinology** 1984 Dec;115(6):2290-6

PHYSIOLOGY

Increased carbon tetrachloride-stimulated chemiluminescence in the in situ liver of barbital-treated mice. Fraga CG, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(2):143-50

Endoplasmic reticulum and Golgi apparatus. Tashiro Y. **Cell Struct Funct** 1984 Jul;9 Suppl:s35-8 (44 ref.)

The roles of Golgi and endoplasmic reticulum in the synthesis and assembly of lipoprotein lipids in rat hepatocytes. Higgins JA, et al. **J Lipid Res** 1984 Dec 1;25(12):1295-305

ULTRASTRUCTURE

The formation of annulate lamellae in the human Sertoli cell. Paniagua R, et al. **Arch Androl** 1984;13(1):9-14

A morphometric study of alterations in rough endoplasmic reticulum during differentiation in stratified squamous epithelium. Gohari K, et al. **Arch Dermatol Res** 1984;276(5):303-12

Tubuloreticular structures in laryngeal carcinoma. Schenk P. **Arch Otorhinolaryngol** 1984;241(1):65-74

Neurons with whorl bodies have increased numbers of synapses. Naftolin F, et al. **Brain Res** 1985 Mar 11;329(1-2):289-93

Dilated cisternae of nuclear envelope and rough endoplasmic reticulum in the proventriculus of Drosophila auraria larvae. Dimitriadis VK. **Cell Biol Int Rep** 1985 Aug;9(8):747-52

Dense line in cisterna of rough-surfaced endoplasmic reticulum of hepatocytes of the rat perfused with saponin solution. Makita T, et al. **Cell Biol Int Rep** 1985 Jul;9(7):607-12

Association of gap junctions with endoplasmic reticulum in rat parotid glands. Dunn J, et al. **Cell Tissue Res** 1984;238(3):589-94

The endoplasmic reticulum in regenerating liver cells. Lewan L, et al. **Cell Tissue Res** 1985;240(1):243-6

Lamellar to tubular conformational changes in the endoplasmic reticulum of the retinal pigment epithelium of the newt, Notophthalmus viridescens. Yorke MA, et al. **Cell Tissue Res** 1985;241(3):629-37

Laminated cisternae of the rough endoplasmic reticulum induced by coronavirus MHV-A59 infection. Tooze J, et al. **Eur J Cell Biol** 1985 Jan;36(1):108-15

Calcium sequestering activities of reticulum vesicles from Xenopus laevis oocytes. Cartaud A, et al. **Exp Cell Res** 1984 Dec;155(2):565-74

Tritrichomonas foetus: cytochemical visualization of the endoplasmic reticulum-Golgi complex and lipids. Benchimol M, et al. **Exp Parasitol** 1985 Feb;59(1):51-8

Longitudinal continuity of the subrhabdomeric cisternae in the photoreceptors of the compound eye of the drone, Apis mellifera. Skalska-Rakowska JM, et al. **Experientia** 1985 Jan 15;41(1):43-5

Structure and assembly of the endoplasmic reticulum. Biosynthetic sorting of endoplasmic reticulum proteins. Lewis MJ, et al. **J Biol Chem** 1985 Jun 10;260(11):6926-31

Cytochemical staining of the endoplasmic reticulum and glycogen in mouse anterior pituitary cells. Cataldo AM, et al. **J Histochem Cytochem** 1984 Dec;32(12):1285-94

Fine structure and cytochemistry of the endoplasmic reticulum and its association with the plasma membrane of Leishmania mexicana amazonensis. Pimenta PF, et al. **J Submicrosc Cytol** 1985 Jul;17(3):413-9

Brain region specificity in estradiol effects on neuronal ultrastructure in rats. Meisel RL, et al. **Mol Cell Endocrinol** 1985 May;40(2-3):159-66

Association between mitochondria and rough endoplasmic reticulum (rer) in rat hepatocytes. Singh KP, et al. **Pathol Res Pract** 1985 Jul;180(1):49-53

An unusual form of endoplasmic reticulum in mononuclear cells of a giant cell tumor of bone. Marquart KH. **Ultrastruct Pathol** 1984;7(2-3):161-5

[Rough endoplasmic reticulum in endothelial cells of large blood vessels] Nikolov SD, et al. **Z Mikrosk Anat Forsch** 1984;98(4):502-12 (Eng. Abstr.) (Ger)

[Alcoholic hyalin and interstitial filaments as markers of alcoholic damage of internal organs] Lebedev SP, et al. **Arkh Patol** 1984;46(11):52-8 (Eng. Abstr.) (Rus)

ENDORIBONUCLEASES

Amino acid sequence and S-S bonds of Penicillium brevicompactum guanyl-specific ribonuclease. Shlyapnikov SV, et al. **FEBS Lett** 1984 Nov 19;177(2):246-8

Structure of ribosome-bound messenger RNA as revealed by enzymatic accessibility studies. Kang CW, et al. **J Mol Biol** 1985 Jan 20;181(2):241-51

A mutation in an Escherichia coli ribosomal RNA operon that blocks the production of precursor 23 S ribosomal RNA by RNase III in vivo and in vitro. Stark MJ, et al. **J Mol Biol** 1985 Mar 20;182(2):205-16

[Study of the secondary and tertiary structure of phage MS2 RNA using nucleases and fluorescent dyes specific for secondary structure] Borisova OF, et al. **Mol Biol (Mosk)** 1984 Nov–Dec;18(6):1625–33 (Eng. Abstr.) (Rus)

ANALYSIS

Assay of hybrid ribonuclease using a membrane filter-immobilized synthetic hybrid: application to the human leukemic cell. Papaphilis AD, et al. **Anal Biochem** 1985 Feb 15;145(1):160–9

Functional analysis of 2–5A-dependent RNase and 2–5a using 2',5'-oligoadenylate-cellulose. Silverman RH. **Anal Biochem** 1985 Feb 1;144(2):450–60

A catalytic RNA and its gene from Salmonella typhimurium. Baer M, et al. **Science** 1985 May 24;228(4702):999–1002

ANTAGONISTS & INHIBITORS

Binding modes of inhibitors to ribonuclease T1 as studied by nuclear magnetic resonance. Inagaki F, et al. **Biochemistry** 1985 Feb 12;24(4):1013–20

BIOSYNTHESIS

Induction of (2'–5')An-dependent endoribonuclease activity by interferon in cultured guinea pig macrophages. Wang CH, et al. **Biochem Int** 1983 Nov;7(5):569–76

[Affinity labeling of (2',5')-oligoadenylate-activated endonuclease [32P]-2',5'A and its analogs] Saarma MIu, et al. **Dokl Akad Nauk SSSR** 1985;281(5):1255–8 (Rus)

BLOOD

Influence of nutritional status on circulatory ribonuclease C levels in patients with cancer. Chlebowski RT, et al. **Cancer** 1985 Jan 15;55(2):427–31

DEFICIENCY

Escherichia coli 23S ribosomal RNA truncated at its 5' terminus. Sirdeshmukh R, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1185–92

GENETICS

RecA protein acts at the initiation of stable DNA replication in rnh mutants of Escherichia coli K–12. Kogoma T, et al. **J Bacteriol** 1985 Aug;163(2):439–44

Structural characterization of the avian retrovirus reverse transcriptase and endonuclease domains. Grandgenett D, et al. **J Biol Chem** 1985 Jul 15;260(14):8243–9

RNase H-defective mutants of Escherichia coli: a possible discriminatory role of RNase H in initiation of DNA replication. Horiuchi T, et al. **MGG** 1984;195(1–2):17–22

The DNA sequence of the gene (rnc) encoding ribonuclease III of Escherichia coli. March PE, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4677–85

Synthesis and expression of RNase T1 gene. Ikehara M, et al. **Nucleic Acids Symp Ser** 1984;(15):197–200

Absence of RNase H allows replication of pBR322 in Escherichia coli mutants lacking DNA polymerase I. Kogoma T. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7845–9

Molecular cloning of the gene for the RNA-processing enzyme RNase III of Escherichia coli. Watson N, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):849–53

ISOLATION & PURIFICATION

Identity of the ribonuclease from bovine seminal plasma with ribonuclease BS–1, and its sensitivity to polyvinyl sulphate. Ramakrishna T, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):253–60

Purification and characterization of an endonuclease from Xenopus laevis ovaries which accurately processes the 3' terminus of human pre-tRNA-Met(i) (3' pre-tRNase). Castaño JG, et al. **J Biol Chem** 1985 Jul 25;260(15):9002–8

Characterization of an RNase P activity from HeLa cell mitochondria. Comparison with the cytosol RNase P activity. Doersen CJ, et al. **J Biol Chem** 1985 May 25;260(10):5942–9

Purification of a uridine-specific acid nuclease from chicken liver by fast protein liquid chromatography. Ellis B, et al. **J Chromatogr** 1985 Jun 19;326:157–61

Simultaneous isolation of cytoplasmic endoribonuclease and exoribonuclease of Trypanosoma brucei. Gbenle GO. **Mol Biochem Parasitol** 1985 Apr;15(1):37–47

METABOLISM

Cleavage of mouse ribosomal RNAs by the endonuclease associated with Newcastle disease virus. Rosenbergová M. **Acta Virol (Praha)** 1984 Sep;28(5):353–61

A ribonuclease H from yeast stimulates DNA polymerase in vitro. Karwan R, et al. **Adv Exp Med Biol** 1984;179:513–8

n-Decyl-NHpppA2'p5'A2'p5'A A phosphatase-resistant, active pppA2'p5'A2'p5'A analog. Karikó K, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):695–8

Calcium-dependent endoribonuclease of Trypanosoma brucei has a base-preferential affinity to adenylate. Gbenle GO. **Biochem Int** 1985 Feb;10(2):241–50

Structure in solution of M1 RNA, the catalytic subunit of ribonuclease P from Escherichia coli. Guerrier-Takada C, et al. **Biochemistry** 1984 Dec 18;23(26):6327–34

12 S small nuclear ribonucleoprotein-associated acidic-and pyrimidine-specific endoribonuclease from calf thymus and L5178y cells. Bachmann M, et al. **Biochim Biophys Acta** 1984 Oct 5;783(1):89–99

Site-specific cleavage of tobacco mosaic virus RNA: a study of factors influencing the cleavage. Saleem M, et al. **Can J Biochem Cell Biol** 1985 May;63(5):382–6

The ribonuclease-III-processing site near the 5' end of an RNA precursor of bacteriophage T4 and its effect on termination. Gurevitz M, et al. **Eur J Biochem** 1985 Mar 15;147(3):581–6

Regulation of ppp(A2'p)nA-dependent RNase levels during interferon treatment and cell differentiation. Krause D, et al. **Eur J Biochem** 1985 Feb 1;146(3):611–8

2–5A-dependent endoribonuclease activity and effects of A2'p5'A2'p5'A (2–5A core) in mouse pancreatic islets. Rhodes CJ, et al. **FEBS Lett** 1985 Jan 21;180(1):69–73

Three-dimensional structure of the ribonuclease T1 X 3'-guanylic acid complex at 2.6 A resolution. Sugio S, et al. **FEBS Lett** 1985 Apr 8;183(1):115–8

Cordycepin analogs of ppp5'A2'p5'A2'p5'A (2–5A) inhibit protein synthesis through activation of the 2–5A-dependent endonuclease. Eppstein DA, et al. **J Biol Chem** 1985 Mar 25;260(6):3666–71

Ion dependence of the Bacillus subtilis RNase P reaction. Gardiner KJ, et al. **J Biol Chem** 1985 May 10;260(9):5415–9

Respective role of each of the purine N–6 amino groups of 5'-O-triphosphoryladenylyl(2'——5')adenylyl(2——5')ade in binding to and activation of RNase L. Imai J, et al. **J Biol Chem** 1985 Feb 10;260(3):1390–3

Independent regulation of ppp(A2'p)nA-dependent RNase in NIH 3T3, clone 1 cells by growth arrest and interferon treatment. Krause D, et al. **J Biol Chem** 1985 Aug 5;260(16):9501–7

A site in a tRNA precursor that can be processed by the whole RNase P enzyme but not by the RNA alone. Subbarao MN, et al. **J Biol Chem** 1984 Dec 10;259(23):14339–42

A multiple mutant of Escherichia coli lacking the exoribonucleases RNase II, RNase D, and RNase BN. Zaniewski R, et al. **J Biol Chem** 1984 Oct 10;259(19):11651–3

Cleavage of nascent reovirus mRNA by localized activation of the 2'–5'-oligoadenylate-dependent endoribonuclease. Baglioni C, et al. **J Virol** 1984 Dec;52(3):865–71

RNase H-mediated release of the retrovirus RNA polyadenylate tail during reverse transcription. Olsen JC, et al. **J Virol** 1985 Jan;53(1):324–9

La Crosse virions contain a primer-stimulated RNA polymerase and a methylated cap-dependent endonuclease. Patterson JL, et al. **J Virol** 1984 Oct;52(1):215–22

Function of ribonuclease H in initiation of DNA replication in Escherichia coli K–12. Kogoma T, et al. **MGG** 1985;200(1):103–9

Double-stranded RNA specific nuclease from germinating embryos of Pennisetum typhoides. Maran A, et al. **Mol Biol Rep** 1984 Dec;10(2):99–104

Cleavage within an RNase III site can control mRNA stability and protein synthesis in vivo. Panayotatos N, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2227–40

RNA structure analysis using T2 ribonuclease: detection of pH and metal ion induced conformational changes in yeast tRNAPhe. Vary CP, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6763–78

Chemical synthesis and biological activities of partially inosine-substituted 2',5'-oligoadenylates: functional discrimination of three adenine amino groups on 2–5A for the binding to and activation of 2–5A-dependent endonuclease. Imai J, et al. **Nucleic Acids Symp Ser** 1984;(15):81–4

Ribonuclease P catalysis differs from ribosomal RNA self-splicing. Marsh TL, et al. **Science** 1985 Jul 5;229(4708):79–81

[Analysis of the guanyl-specific ribonuclease structures in fungi: determination of the amino acid sequence and prediction of the secondary ribonuclease structure in Penicillium brevicompactum] Shliapnikov SV, et al. **Dokl Akad Nauk SSSR** 1985 Mar–Apr;281(1):226–9 (Rus)

PHYSIOLOGY

Initiation of DNA replication in Escherichia coli: RNase H-deficient mutants do not require the dnaA function. Lindahl G, et al. **MGG** 1984;196(2):283–9

ENDORPHIN RECEPTORS see **RECEPTORS, ENDORPHIN**

ENDORPHINS

Opioid biology: the next set of questions. Copolov DL. **Aust NZ J Med** 1985 Feb;15(1):98–106 (141 ref.)

Interaction of beta-endorphin with sodium dodecyl sulfate in aqueous solution. 1H-NMR investigation. Zetta L, et al. **Eur J Biochem** 1984 Nov 15;145(1):181–6

International Narcotic Research Conference. Cambridge 1984. Reports. **Neuropeptides** 1984 Dec;5(1–3):1–298

[Endogenous opioids] Schulz R, et al. **Tierarztl Prax** 1985;13(1):11–27 (93 ref.) (Eng. Abstr.) (Ger)

[On the relation between blood and spinal fluid beta-endorphins and pain caused by disk hernia] Solini A, et al. **Minerva Anestesiol** 1984 Sep;50(9):459–64 (Eng. Abstr.) (Ita)

ADMINISTRATION & DOSAGE

Pulmonary platelet trapping induced by beta-endorphin injection in the cerebrospinal fluid in dogs. Almqvist PM, et al. **Surgery** 1985 Aug;98(2):344–9

ANALYSIS

Opioid peptides and receptors in relation to affective illness. Effects of desipramine and lithium on opioid receptors in rat brain. Stengaard-Pedersen K, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:170–9

24-hour pattern of immunoreactive beta-endorphin and adrenocorticotropic hormone (ACTH) in rat plasma and tissues. Vuolteenaho O, et al. **Acta Physiol Scand [Suppl]** 1984;537:75–9

Endogenous opioid immunoreactivity in rat spinal cord following traumatic injury. Faden AI, et al. **Ann Neurol** 1985 Apr;17(4):386–90

Radioimmunoassay for beta-endorphin (1–18), a novel pituitary peptide derived from proopiomelanocortin. Vuolteenaho O. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1226–32

Corticotropin-releasing factor: immunohistochemical colocalization with adrenocorticotropin and beta-endorphin, but not with Met-enkephalin, in subpopulations of duodenal perikarya of rat. Wolter HJ. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):402–10

Ginseng saponin treatment does not alter brain or pituitary levels of beta-endorphin and dynorphin. Ho WK, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):2044–6

Effects of serotonin depleters on the contents of beta-endorphin, alpha-melanotropin and adrenocorticotropin in rat brain and pituitary. Fukata J, et al. **Brain Res** 1984 Dec 24;324(2):289–93

Localization and quantitation of dynorphin B in the rat hippocampus. Hoffman DW, et al. **Brain Res** 1984 Dec 24;324(2):354–7

Possible interactions between dynorphin and dopaminergic systems in rat basal ganglia and substantia nigra. Quirion R, et al. **Brain Res** 1985 Apr 8;331(2):358–62

Primate model of Parkinson's disease: alterations in multiple opioid systems in the basal ganglia. Zamir N, et al. **Brain Res** 1984 Nov 26;322(2):356–60

Amnesia as a major side effect of electroconvulsive shock: the possible involvement of hypothalamic opioid systems. Netto CA, et al. **Braz J Med Biol Res** 1984;17(3–4):349–51

Occurrence of beta-endorphin-like immunoreactive cells in the neural complex of a protochordate. Pestarino M. **Cell Mol Biol** 1985;31(1):27–31

Tissue concentrations of opioid peptides in rats do not depend on blood pressure height. Gaida W, et al. **Clin Exp Hypertens [A]** 1984;6(10–11):2045–50

Novel opioid peptides derived from human beta-casein: human beta-casomorphins. Brantl V. **Eur J Pharmacol** 1984 Oct 30;106(1):213–4

The identification and characterization of alpha-N-acetylated beta-endorphin in the human pituitary gland. Smith AI, et al. **FEBS Lett** 1985 Jun 3;185(1):109–11

Beta-endorphinlike immunoreactivity and somatostatinlike immunoreactivity in normal gastric mucosa, muscle layer, and adenocarcinoma. Tari A, et al. **Gastroenterology** 1985 Mar;88(3):670–4

Investigation of beta-endorphin and adrenocorticotropic hormone in placenta, amniotic membrane and umbilical cord using an immunoperoxidase technique. Reinthaller A, et al. **Gynecol Obstet Invest** 1985;19(3):135–8

Effect of hyperglycemia on biogenic amines, beta-endorphin and insulin of the rat brain. Kolta MG, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:16–20

Brain and pituitary beta-endorphin levels at different developmental stages of the rat. Ng TB, et al. **Int J Pept Protein Res** 1984 Aug;24(2):141–6

Opioid peptides in human adrenal: partial characterization and presence of adrenal peptide E. Boarder MR, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):658–65

N-acetyl endorphin in rat spermatogonia and primary spermatocytes. Cheng MC, et al. **J Clin Invest** 1985 Mar 75(3):832–5

Beta-endorphin/ACTH immunocytochemistry in the CNS of the lizard Anolis carolinensis: evidence for a major mesencephalic cell group. Khachaturian H, et al. **J Comp Neurol** 1984 Nov 10;229(4):576–84

Opioid peptides of the pituitary and hypothalamus: changes in pregnant and lactating rats. Petraglia F, et al. **J Endocrinol** 1985 May;105(2):239–45

Preembedding colloidal gold immunostaining of hypothalamic neurons: light and electron microscopic localization of beta-endorphin-immunoreactive perikarya. Lamberts R, et al. **J Histochem Cytochem** 1985 Jun;33(6):499–507

Isolation and characterization of an endogenous C-terminal fragment of the alpha-neo-endorphin/dynorphin precursor from bovine caudate nucleus. Evans CJ, et al. **J Neurosci** 1985 Jul;5(7):1803–7

Immunoreactive beta-endorphin is demonstrable in the secretory but not in the proliferative endometrium. Wahlström T, et al. **Life Sci** 1985 Mar 11;36(10):987–90

Characterization of immunoreactive beta-endorphin secreted from cultured human corticotropin-secreting adenomas. Westphal M, et al. **Mol Cell Endocrinol** 1985 Mar;39(3):229–35

The use of reverse-phase chromatographic procedures coupled with radioimmunoassay in studying regional distribution of beta h-endorphin in the human brain. Pasi A, et al. **Neurobehav Toxicol Teratol** 1985 Mar-Apr; 7(2):199-201

Senescent change in tissue weight and immunoreactive beta-endorphin, enkephalin, and vasopressin in eight regions of C57BL/6J mouse brain and pituitary. Rogers J, et al. **Neurobiol Aging** 1985 Spring;6(1):1-9

Effects of acute behavioral stress on plasma and cerebrospinal fluid ACTH and beta-endorphin in rhesus monkeys. Kalin NH, et al. **Neuroendocrinology** 1985 Feb;40(2):97-101

Correlation between plasmatic and CSF beta-endorphin levels. López JA, et al. **Neurol Res** 1984 Sep;6(3):118-20

Endorphins in inbred mice with variable sensitivity to ethanol: effect of acute ethanol treatment. Gianoulakis C, et al. **Neuropeptides** 1985 Feb;5(4-6):579-82

A comparison of opioid peptide precursors in guinea pig, rat and bovine striata and guinea pig adrenal. Metters KM, et al. **Neuropeptides** 1985 Feb;5(4-6):521-4

Antidepressants and endogenous opioid peptide systems. Przewlocki R, et al. **Neuropeptides** 1985 Feb;5(4-6):575-8

Dermorphin-like immunoreactivity in guinea pig and rat stomach. Tsou K, et al. **Neuropeptides** 1985 Feb; 5(4-6):449-52

Proenkephalin- and prodynorphin- derived opioid peptides in guinea-pig heart. Weihe E, et al. **Neuropeptides** 1985 Feb;5(4-6):453-6

Lesions of the hypothalamic arcuate nucleus modify discrete brain and pituitary pools of dynorphin in addition to beta-endorphin in the rat. Millan MH, et al. **Neurosci Lett** 1984 Jul 27;48(2):149-54

Effect of hypoglycemic stress on plasma and cerebrospinal fluid immunoreactive beta-endorphin in conscious sheep. Owens PC, et al. **Neurosci Lett** 1984 Aug 24;49(1-2):1-6

Vasopressin and oxytocin in the rat spinal cord: distribution and origins in comparison to [Met]enkephalin, dynorphin and related opioids and their irresponsiveness to stimuli modulating neurohypophyseal secretion. Millan MJ, et al. **Neuroscience** 1984 Sep;13(1):179-87

Regional heterogeneity in the ratio of alpha-MSH: beta-endorphin in rat brain. Millington WR, et al. **Peptides (Fayetteville)** 1984 Jul-Aug;5(4):841-3

[Immunohistological determination of beta-endorphin in chromophobe, clinically hormone-nonproducing hypophyseal adenomas] Gottschalk J, et al. **Zentralbl Allg Pathol** 1985;130(2):99-109 (Eng. Abstr.) (Ger)

[Effect of hypoxia on the content of endogenous opioid peptides and cyclic nucleotides in the rat brain] Fujita S, et al. **Masui** 1985 Jun;34(6):767-72 (Eng. Abstr.) (Jpn)

[Neuro-intestinal peptides and peptide-producing cells--immunohistocytochemistry of catecholamines and opioid peptides in the hamster adrenal medulla] Kobayashi S, et al. **Nippon Heikatsukin Gakkai Zasshi** 1984 Oct; 20(5):393-9 (Jpn)

[A specific and quantitative determination of rat beta-endorphin. Combination of HPLC and RIA] Iguchi Y, et al. **Nippon Yakurigaku Zasshi** 1984 Oct;84(4):385-93 (Eng. Abstr.) (Jpn)

[Opioid peptides] Kakidani H. **Tanpakushitsu Kakusan Koso** 1984 Nov;29(12 Suppl):1393-404 (101 ref.) (Jpn)

[Opioid peptide content of the brain and blood of rats under immobilization stress] Vakulina OP, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):537-9 (Eng. Abstr.) (Rus)

[Effect of short-term hypokinesia on the response of the opioid system in the rat] Tigranian RA, et al. **Kosm Biol Aviakosm Med** 1984 Jul-Aug;18(4):63-6 (Eng. Abstr.) (Rus)

ANTAGONISTS & INHIBITORS

Inhibition of analgesia by C-terminal deletion analogs of human beta-endorphin. Nicolas P, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):649-55

Protease inhibition increases the analgesic potency of peptide E. Westphal M, et al. **Neuropharmacology** 1985 Feb; 24(2):173-5

Interferon: a candidate as the endogenous substance preventing tolerance and dependence to brain opioids. Dafny N. **Prog Neuropsychopharmacol Biol Psychiatry** 1984;8(3):351-7

BIOSYNTHESIS

Quantitation of the endopeptidase activity generating gamma-endorphin from beta-endorphin in rat brain synaptic membranes by a radiometric assay. Lebouille JL, et al. **Anal Biochem** 1984 Aug 15;141(1):1-9

Neuropeptide processing by single-step cleavage: conversion of leumorphin (dynorphin B-29) to dynorphin B. Devi L, et al. **Biochem Biophys Res Commun** 1985 Aug 15; 130(3):1168-76

gamma-Endorphin generating endopeptidase in rat brain: subcellular and regional distribution. Lebouille JL, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):44-8

Proopiomelanocortin-derived peptides in the immune system. Blalock JE. **Clin Endocrinol (Oxf)** 1985 Jun;22(6):823-7 (15 ref.)

Regulation of bioactive beta-endorphin processing in rat pars intermedia. Ham J, et al. **FEBS Lett** 1984 Oct 1; 175(2):407-11

In vitro synthesis of ACTH- and beta-endorphin-related substances in the pars distalis of Anolis carolinensis. Dores RM, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):90-9

Bacterial lipopolysaccharide induction of leukocyte-derived corticotropin and endorphins. Harbour-McMenamin D, et al. **Infect Immun** 1985 Jun;48(3):813-7

How is kyotorphin (Tyr-Arg) generated in the brain? Ueda H, et al. **Neuropeptides** 1985 Feb;5(4-6):525-8

Strategies for studying opioid peptide regulation at the gene, message and protein levels. Dores RM, et al. **Peptides (Fayetteville)** 1984;5 Suppl 1:9-17 (57 ref.)

Effects of chronic treatment with atypical neuroleptics on the biosynthesis and release of opioid peptides in guinea-pig ileum. Milanés MV, et al. **Regul Pept** 1985 Apr;10(4):319-27

Induction of the intermediate pituitary by stress: synthesis and release of a nonopioid form of beta-endorphin. Akil H, et al. **Science** 1985 Jan 25;227(4685):424-6

[Mast cells and cells producing alpha-endorphin in the mucosa of the antral section of the stomach] Zverkov IV, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):621-4 (Eng. Abstr.) (Rus)

BLOOD

6-methoxy-tetrahydro-beta-carboline (pinoline): effects on plasma renin activity and aldosterone, TSH, LH and beta-endorphin levels in rats. Airaksinen MM, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):525-30

Twenty-four-hour changes of plasmatic beta-endorphine-like immunoreactivity in healthy humans. Lypka A, et al. **Acta Med Pol** 1983;24(1-4):47-53

Effects of extracorporeal circulation on plasma beta-endorphin-like-immunoreactivity in children. Yamashita M, et al. **Agressologie** 1985 Mar;26(3):267-9

Cellular immune functions, endorphins, and alcohol consumption in males. Watson RR, et al. **Alcoholism** (NY) 1985 May-Jun;9(3):248-54

Plasma and red blood cell beta-endorphin immunoreactivity in normal and complicated pregnancies: gestational age variation. Evans MI, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):433-7

Plasma beta-endorphin concentrations prior to and during pregnancy, in labor, and after delivery. Hoffman DI, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):492-6

Plasma beta-endorphin concentration in infants with apneic spells. Sankaran K, et al. **Am J Perinatol** 1984 Jul;1(4):331-4

Secretion pattern of endogenous opioids in chronic schizophrenia. Brambilla F, et al. **Am J Psychiatry** 1984 Oct;141(10):1183-9

Endogenous opioids and ventilatory responses to hypoxia in normal humans. Steinbrook RA, et al. **Am Rev Respir Dis** 1985 Apr;131(4):588-91

Effects of halothane and fentanyl anesthesia on plasma beta-endorphin immunoreactivity during cardiac surgery. Cork RC, et al. **Anesth Analg** 1985 Jul;64(7):677-80

Plasma immunoreactive beta-endorphin response to glucose ingestion in human obesity. Getto CJ, et al. **Appetite** 1984 Dec;5(4):329-35

Nitrous oxide inhalation does not influence plasma concentrations of beta-endorphin or Met-enkephalin-like immunoreactivity. Evans SF, et al. **Br J Anaesth** 1985 Jun; 57(6):624-8

The effect of non-steroidal anti-inflammatory therapy on plasma neuropeptide concentrations in patients with osteoarthritis. Brandman S, et al. **Br J Rheumatol** 1985 Feb; 24(1):46-52

Endorphin patterns within the headache spectrum disorders. Nappi G, et al. **Cephalalgia** 1985 May;5 Suppl 2:201-10

Neuroendocrine and cardiovascular changes in septic shock and after cardiac surgery: effect of high-dose corticosteroid therapy. Hinds CJ, et al. **Circ Shock** 1985;15(1):61-72

Determination of plasma beta-endorphin and beta-lipotropin by cation-exchange liquid chromatography and radioimmunoassay. Laatikainen T, et al. **Clin Chem** 1985 Jan;31(1):134-6

The effects of enalapril and propranolol on beta-endorphin-like radioimmunoreactivity in hypertensive patients. VandenBurg MJ, et al. **Clin Exp Hypertens** [A] 1984;6(10-11):2069-72

Beta-endorphin levels and general anaesthesia for caesarean section. Preliminary report. Giorgino FL, et al. **Clin Exp Obstet Gynecol** 1984;11(4):165-7

Hypoxic-ischemic encephalopathy and plasma beta-endorphin. Sankaran K, et al. **Dev Pharmacol Ther** 1984;7(6):377-83

Acute effects of mazindol on the secretion of ACTH, beta-lipotropin, beta-endorphin and cortisol in man. Sekiya K, et al. **Endocrinol Jpn** 1984 Oct;31(5):523-8

Differential plasma beta-endorphin, beta-lipotropin, and adrenocorticotropin responses to stress in rats. De Souza EB, et al. **Endocrinology** 1985 Apr;116(4):1577-86

Changes in beta-endorphin-like immunoreactivity in pituitary portal blood during the estrous cycle and after ovariectomy in rats. Sarkar DK, et al. **Endocrinology** 1985 May;116(5):2075-9

Plasma immunoreactive beta-endorphin and cortisol in the newborn infant after elective caesarean section and after spontaneous labour. Pohjavuori M, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Feb;19(2):67-74

Elevated plasma levels of beta-endorphin in a group of women with polycystic ovarian disease. Aleem FA, et al. **Fertil Steril** 1984 Nov;42(5):686-9

Plasma beta-endorphin and the menstrual cycle. Laatikainen T, et al. **Fertil Steril** 1985 Aug;44(2):206-9

Stress-induced elevation of plasma alpha-MSH and endorphin in brown trout, Salmo trutta L. Sumpter JP, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):257-65

Beta-endorphin and cold pressor test in the aged. Casale G, et al. **Gerontology** 1985;31(2):101-5

Lack of beta-endorphin plasma level rise in oxytocin-induced labor. Genazzani AR, et al. **Gynecol Obstet Invest** 1985;19(3):130-4

Endorphin levels in headache syndromes. Fettes I, et al. **Headache** 1985 Jan;25(1):37-9

Plasma and CSF endorphin levels in primary and symptomatic headaches. Nappi G, et al. **Headache** 1985 May;25(3):141-4

Changes of plasma levels of beta-endorphin-like immunoreactivity after acute clonidine administration in patients with essential hypertension. Yasunari K, et al. **Horm Metab Res** 1985 Jun;17(6):324-5

Thyrotropin-releasing hormone decreases plasma beta-endorphin level in traumatic tetraplegics—a possible therapeutic agent. Suryaprakash B, et al. **Indian J Physiol Pharmacol** 1984 Oct-Dec;28(4):341-3

beta-Endorphin withdrawal: a possible cause of premenstrual tension syndrome. Giannini AJ, et al. **Int J Psychophysiol** 1984 Jun;1(4):341-3

Pilot study on the effects of transcutaneous electrical nerve stimulation on the level of plasma beta-endorphin. Elkiss M, et al. **J Am Osteopath Assoc** 1984 Sep;84(1 Suppl):144-7

Rapid extraction and separation of plasma beta-endorphin by cation-exchange high-performance liquid chromatography. Stenman UH, et al. **J Chromatogr** 1984 Aug 3;297:399-403

Plasma beta-endorphin levels in primary aldosteronism. Griffing GT, et al. **J Clin Endocrinol Metab** 1985 Feb; 60(2):315-9

Serotoninergic agonists increase plasma levels of beta-endorphin and beta-lipotropin in humans. Petraglia F, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1138-42

Biochemical correlates of hypnoanalgesia in arthritic pain patients. Domangue BB, et al. **J Clin Psychiatry** 1985 Jun; 46(6):235-8

Plasma beta-endorphin levels after exercise [letter] De Meirleir, et al. **J Endocrinol Invest** 1985 Feb;8(1):89

beta-Endorphins (beta-EP) in amphibians: higher beta-EP levels during regenerating stages of anuran life cycle and immunocytochemical localization of beta-EP in regeneration blastemata. Vethamany-Globus S, et al. **J Exp Zool** 1984 Nov;232(2):259-67

Prolonged disruption of plasma beta-endorphin dynamics following surgery. McIntosh TK, et al. **J Surg Res** 1985 Mar;38(3):210-5

Increased plasma levels of immunoreactive beta-endorphin and corticotropin in non-insulin-dependent diabetes [letter] Vermes I, et al. **Lancet** 1985 Sep 28;2(8457):725-6

Correlation between beta-endorphin/beta-lipotropin-immunoreactivity and cortisol plasma concentrations. Govoni S, et al. **Life Sci** 1984 Dec 17;35(25):2549-52

Pharmacokinetic study of exogenously administered beta-endorphin using a rapid radioreceptor assay in rats. Sato H, et al. **Life Sci** 1984 Sep 3;35(10):1051-9

Effects of stress and stress-therapy on plasma beta-endorphin-like immunoreactivity. Laorden ML, et al. **Methods Find Exp Clin Pharmacol** 1984 Nov;6(11):671-4

Continuous measurement of cerebral arteriovenous differences of beta-endorphin in sheep. Leshin LS, et al. **Neuroendocrinology** 1985 Feb;40(2):120-8

Plasmatic beta-endorphin levels and thalamic surgery for pain. Lopez JA, et al. **Neurol Res** 1985 Mar;7(1):35-8

Changes in plasma opioid concentrations after physiotherapeutic exercises for arthritic patients. Jones CA, et al. **Neuropeptides** 1985 Feb;5(4-6):561-2

Opioid plasma levels in primary affective disorders. Effect of desimipramine therapy. Genazzani AR, et al. **Neuropsychobiology** 1984;12(2-3):78-85

The effect of surgery on plasma beta-endorphin and methionine-enkephalin. Smith R, et al. **Neurosci Lett** 1985 Mar 22;55(1):17-21

Endorphins and parturition. Detrick JM, et al. **Obstet Gynecol** 1985 May;65(5):647-51

Pain and plasma beta-endorphin level during labor. Räisänen I, et al. **Obstet Gynecol** 1984 Dec;64(6):783-6

Dexamethasone suppresses beta-endorphin in humans. Krantz DE, et al. **Psychoneuroendocrinology** 1985; 10(2):211-4

Plasma cortisol and beta-endorphin immunoreactivity in human obesity. Cohen MR, et al. **Psychosom Med** 1984 Sep-Oct;46(5):454-62

A trial of three methods for plasma beta-endorphin assay in women at delivery and in healthy non pregnant women. Cecchettin M, et al. **Quad Sclavo Diagn** 1984 Jun; 20(2):141-8

Plasma beta-endorphin-like-immunoreactivity levels and hemodynamics in patients with septic shock. Hughes GS Jr. **Res Commun Chem Pathol Pharmacol** 1985 Apr; 48(1):121-31

Circulating endogenous opioids and ventilatory response to CO2 and hypoxia. Rochat T, et al. **Respir Physiol** 1985 Jul;61(1):85-93

Current concepts in premenstrual syndrome. Ullman LE. **RI Med J** 1985 Jun;68(6):269-72

Endogenous opioid activity in clinical hemorrhagic shock.

Shamey CH, et al. **Surg Gynecol Obstet** 1985 Jun; 160(6):547-51

[Beta-endorphins in the blood of patients with thyrotoxicosis and myxedema] Felt V, et al. **Cas Lek Cesk** 1984 Oct 19; 123(42):1270-2 (Eng. Abstr.) **(Cze)**

[The effect of physical activity in obese subjects on the levels of cortisol, glucagon and beta-endorphins in the blood] Sonka J, et al. **Cas Lek Cesk** 1985 Feb 15;124(7):201-4 (Eng. Abstr.) **(Cze)**

[Endorphins and the maternofetal entity] Riss P. **Wien Klin Wochenschr [Suppl]** 1985;161:1-15 **(Ger)**

[Non-steroid anti-inflammatory drugs and beta-endorphin] Di Matteo L, et al. **Boll Soc Ital Biol Sper** 1985 May 30; 61(5):769-75 (Eng. Abstr.) **(Ita)**

[Effects of fentanyl on the plasma concentrations of beta-endorphin and ACTH in pediatric surgery] Merli C, et al. **Minerva Anestesiol** 1984 Nov;50(11):539-45 (Eng. Abstr.) **(Ita)**

[Endorphins and pregnancy] Stoppelli I, et al. **Minerva Ginecol** 1984 Dec;36(12):761-6 (Eng. Abstr.) **(Ita)**

[Effects of diltiazem on plasma ACTH, beta-ELI and ADH levels during surgery] Kono K, et al. **Masui** 1985 Jan; 34(1):18-24 (Eng. Abstr.) **(Jpn)**

[Response of plasma beta-endorphin-like-immunoreactivity to cardiopulmonary bypass in children] Yamashita M, et al. **Masui** 1984 Oct;33(10):1078-81 (Eng. Abstr.) **(Jpn)**

[Beta endorphin-like immunoreactivity in the blood of patients with chronic pain treated by pinpoint receptor stimulation (acupuncture)] Szczudlik A, et al. **Neurol Neurochir Pol** 1984 Sep-Oct;18(5):415-20 (Eng. Abstr.) **(Pol)**

[Beta-endorphin and endogenous alcohol level of the blood in alcoholic patients] Burov IuV, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):578-9 (Eng. Abstr.) **(Rus)**

[ACTH, corticosterone and beta-endorphin in the blood plasma of rats under prolonged immobilization stress] Kiiatkin EA, et al. **Biull Eksp Biol Med** 1985 Aug; 100(8):157-60 (Eng. Abstr.) **(Rus)**

[Proteolytic enzymes hydrolyzing opioid peptides in the cytoplasm of human erythrocytes] Alekseenko LP, et al. **Dokl Akad Nauk SSSR** 1984;277(4):992-5 **(Rus)**

[Endogenous opioid peptides in borderline arterial hypertension] Babak OIa. **Klin Med (Mosk)** 1984 Nov; 62(11):38-40 (Eng. Abstr.) **(Rus)**

[Dynamics of beta-lipotropin and beta-endorphin levels in Itsenko-Cushing disease patients being treated with the antiserotonin preparation cyproheptadine (peritol) and chloditan] Slavnov VN, et al. **Ter Arkh** 1984;56(9):119-22 (Eng. Abstr.) **(Rus)**

[Endogenous opioid peptide level of patients with borderline arterial hypertension] Bondarenko IP, et al. **Vrach Delo** 1984 Nov;(11):21-4 (Eng. Abstr.) **(Rus)**

[Beta-endorphin in pituitary adenomas before surgery and in the postoperative period] Mirzoian RA, et al. **Zh Vopr Neirokhir** 1984 Nov-Dec;(6):18-21 (Eng. Abstr.) **(Rus)**

[Endorphinergic repercussions of anesthetic premedication] Miralles FS, et al. **Rev Esp Anestesiol Reanim** 1984 Nov-Dec;31(6):229-30 (Eng. Abstr.) **(Spa)**

CEREBROSPINAL FLUID

Apgar scores and cerebrospinal fluid beta-endorphinlike immunoreactivity during the first day of life. Preliminary observations. Laungani SG, et al. **Am J Dis Child** 1985 Apr;139(4):403-4

Clearance from cerebrospinal fluid of intrathecally administered beta-endorphin in monkeys [letter] Lin SK, et al. **Anesth Analg** 1985 Feb;64(2):180-1

Endorphin activity in childhood psychosis. Spinal fluid levels in 24 cases. Gillberg C, et al. **Arch Gen Psychiatry** 1985 Aug;42(8):780-3

CSF beta-EP in headache and depression. Nappi G, et al. **Cephalalgia** 1985 Jun;5(2):99-101

Determination of beta-endorphin and beta-lipotropin in human cerebrospinal fluid. Laatikainen TJ, et al. **Clin Chim Acta** 1985 Feb 15;145(3):325-9

Hallucinations in patients with major depression. Interactions between CSF monoaminergic and endorphinergic indices. Agren H, et al. **J Affective Disord** 1985 Jul;9(1):25-34

Long-term high frequency transcutaneous electrical nerve stimulation (hi-TNS) in chronic pain. Clinical response and effects on CSF-endorphins, monoamine metabolites, substance P-like immunoreactivity (SPLI) and pain measures. Almay BG, et al. **J Psychosom Res** 1985; 29(3):247-57

beta-Endorphin cerebrospinal fluid decrease in untreated parkinsonian patients. Nappi G, et al. **Neurology** 1985 Sep; 35(9):1371-4

CSF beta-endorphin and beta-lipotropin in Alzheimer's disease and multi-infarct dementia. Sulkava R, et al. **Neurology** 1985 Jul;35(7):1057-8

The effect of morphine upon CSF opioids in dogs. Noel MA, et al. **Neuropeptides** 1985 Feb;5(4-6):429-32

Contrast medium causes the apparent increase in beta-endorphin levels in human cerebrospinal fluid following brain stimulation. Dionne RA, et al. **Pain** 1984 Dec;20(4):313-21

Reduced ACTH, while normal beta-endorphin CSF levels in early epileptic encephalopathies. Facchinetti F, et al. **Peptides (Fayetteville)** 1985 Jan-Feb;6(1):31-3

CHEMICAL SYNTHESIS

A novel cyclic opioid peptide analog showing high preference for mu-receptors. Schiller PW, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):558-64

Synthesis and analgesic activity of neo-kyotorphin analogs. Kitagawa K, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan; 33(1):377-82

Beta-endorphin. Synthesis and biological activity of analogs with disulfide bridges. Blake J, et al. **Int J Pept Protein Res** 1985 Jun;25(6):575-9

Human beta-endorphin. Synthesis and biological activity of analogs with modifications in residue positions 3, 4 or 5. Yamashiro D, et al. **Int J Pept Protein Res** 1984 Nov; 24(5):516-9

Human beta-endorphin. Synthesis and biological activity of analogs with modification in residue positions 8, 27, and 9 or 11. Yamashiro D, et al. **Int J Pept Protein Res** 1984 Nov;24(5):520-4

CLASSIFICATION

Endogenous opioid nomenclature: light at the end of the tunnel. Kitchen I. **Gen Pharmacol** 1985;16(2):79-84 (48 ref.)

GENETICS

Regulation of expression of opioid peptide genes. Douglass JO, et al. **Ann Neurol** 1984;16 Suppl:S22-30

IMMUNOLOGY

Immunocytochemical identification of the proopiocortin-producing cells in the chum salmon pituitary with antisera to endorphin and NH2-terminal peptide of salmon proopiocortin. Naito N, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):185-92

beta-Casomorphin immunoreactive materials in cows' milk incubated with various bacterial species. Hamel U, et al. **J Dairy Res** 1985 Feb;52(1):139-48

Immunoreactive-beta-endorphin and LHRH levels in the brains of aged male rats with impaired sex behavior. Dorsa DM, et al. **Neurobiol Aging** 1984 Summer;5(2):115-20

[Endogenous opiate neuropeptides and the immune system] Vasil'eva EV, et al. **Ter Arkh** 1984;56(10):120-5 (70 ref.) **(Rus)**

ISOLATION & PURIFICATION

Beta-endorphin-related peptides in the human pituitary. Isolation and characterization of major immunoreactive peptides, including the formerly unrecognized peptide beta-endorphin 1-18. Vuolteenaho O. **Acta Physiol Scand [Suppl]** 1984;531:1-84

Endogenous opioids in marine invertebrates. Piccoli R, et al. **Comp Biochem Physiol [C]** 1985;80(2):237-40

Novel opioid peptides derived from mitochondrial cytochrome b: cytochrophins. Brantl V, et al. **Eur J Pharmacol** 1985 May 8;111(2):293-4

Preparation and properties of tritiated human [Tyr18, Trp27]-beta-endorphin. Hammonds RG Jr, et al. **Int J Pept Protein Res** 1985 Feb;25(2):149-54

Identification of N alpha-acetyl-alpha-endorphin and N alpha-acetyl-gamma-endorphin isolated from the neurointermediate lobe of the rat pituitary gland. Burbach JP, et al. **J Biol Chem** 1985 Jun 10;260(11):6663-9

Isolation of a specific mu-opiate receptor peptide, morphiceptin, from an enzymatic digest of milk proteins. Chang KJ, et al. **J Biol Chem** 1985 Aug 15;260(17):9706-12

Isolation and structure of a novel C-terminally amidated opioid peptide, amidorphin, from bovine adrenal medulla. Seizinger BR, et al. **Nature** 1985 Jan 3-9;313(5997):57-9

Demonstration of high opioid-like activity in isolated peptides from wheat gluten hydrolysates. Huebner FR, et al. **Peptides (Fayetteville)** 1984 Nov-Dec;5(6):1139-47

Morphine and other opiates from beef brain and adrenal. Goldstein A, et al. **Proc Natl Acad Sci USA** 1985 Aug; 82(15):5203-7

[Isolation of opioid neuropeptides from the brain and blood and their quantitative determination by a radioimmunological method] Zhila VA, et al. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):661-3 (Eng. Abstr.) **(Rus)**

METABOLISM

Maternal and fetal beta-endorphin release in response to the stress of labor and delivery. Kofinas GD, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):56-9

Antimanic effects of clonidine and the endogenous opioid system [letter] Sandyk R. **Am J Psychiatry** 1985 Aug; 142(8):992-3

Quantitation of the endopeptidase activity generating gamma-endorphin from beta-endorphin in rat brain synaptic membranes by a radiometric assay. Lebouille JL, et al. **Anal Biochem** 1984 Aug 15;141(1):1-9

Modification of opioid ligand binding in the central and the peripheral nervous system by different buffers. Bourhim N, et al. **Biochem Biophys Res Commun** 1985 Jun 14; 129(2):328-33

Conversion and inactivation of opioid peptides by rabbit brain endo-oligopeptidase A. Camargo AC, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):932-8

Beta-endorphin: photoaffinity labelling of a non-opioid binding site in a human neuroblastoma. Hammonds RG Jr, et al. **Biochem Biophys Res Commun** 1985 May 16; 128(3):1310-4

Influence of dopaminergic agents on beta-endorphin processing in rat pars intermedia. Ham J, et al. **Biochem Soc Trans** 1984 Dec;12(6):927-9

Localization of neurons containing pro-opiomelanocortin-related peptides in the hypothalamus and midbrain of the lizard, Anolis carolinensis: evidence for region-specific processing of beta-endorphin. Dores RM, et al. **Brain Res** 1984 Dec 24; 324(2):384-9

Topographical distribution of pro-opiomelanocortin-derived peptides (ACTH/beta-END/alpha-MSH) in the rat median eminence. Kiss JZ, et al. **Brain Res** 1985 Mar 11; 329(1-2):169-76

Analysis of the ACTH/beta-End/alpha-MSH-immunoreactive afferent input to the hypothalamic paraventricular nucleus of rat. Kiss JZ, et al. **Brain Res** 1984 Dec 17;324(1):91-9

Distribution of the pro-opiomelanocortin derived peptides, adrenocorticotrope hormone, alpha-melanocyte-stimulating hormone and beta-endorphin (ACTH, alpha-MSH, beta-END) in the rat hypothalamus. Mezey E, et al. **Brain Res** 1985 Mar 4;328(2):341-7

Immunohistochemical localization of neurotensin and beta-endorphin in the rat anterior pituitary gland. Miyoshi R, et al. **Brain Res** 1985 Apr 8;331(2):386-8

alpha-Melanotropin, beta-endorphin and adrenocorticotropin-like immunoreactivities are colocalized within duodenal myenteric plexus perikarya. Wolter HJ. **Brain Res** 1985 Jan 28;325(1-2):290-3

Ultrastructural evidence for beta-endorphin-like immunoreactivity in the nervous system of the rat duodenum. Wolter HJ. **Brain Res** 1985 May 13; 334(1):194-9

Anatomical relationship between opioid peptides and receptors in rhesus monkey brain. Lewis ME, et al. **Brain Res Bull** 1984 Dec;13(6):801-12

Homeostatic alterations with major trauma. Arachidonic acid metabolites and endorphins. DeMajo WA. **Can Anaesth Soc J** 1985 May;32(3 Pt 1):241-2

Alterations in high-affinity binding characteristics and levels of opioids in invertebrate ganglia during aging: evidence for an opioid compensatory mechanism. Chapman A, et al. **Cell Mol Neurobiol** 1984 Jun;4(2):143-55

Demonstration of an antiglucocorticoid action of progesterone on the corticosterone inhibition of beta-endorphin release by rat anterior pituitary in primary culture. Abou Samra AB, et al. **Endocrinology** 1984 Oct; 115(4):1471-5

Evidence that beta-endorphin binds to specific receptors in rat peripheral tissues and stimulates the adenylate cyclase-adenosine 3',5'-monophosphate system. Dave JR, et al. **Endocrinology** 1985 Oct;117(4):1389-96

The effect of various corticotropin-releasing factor trains on the release of adrenocorticotropin, beta-endorphin, and beta-lipotropin from perifused ovine pituitary cells. Evans MJ, et al. **Endocrinology** 1985 Sep;117(3):893-9

Methionine-enkephalin and beta-endorphin levels in brain, pancreas, and adrenals of db/db mice. Greenberg J, et al. **Endocrinology** 1985 Jan;116(1):328-31

Ovarian immunoreactive beta-endorphin and estrous cycle in the rat. Lolait SJ, et al. **Endocrinology** 1985 Jul; 117(1):161-8

Changes in photoperiod alter the daily rhythms of pineal melatonin content and hypothalamic beta-endorphin content and the luteinizing hormone response to naloxone in the male Syrian hamster. Roberts AC, et al. **Endocrinology** 1985 Jul;117(1):141-8

Beta-endorphin in normozoospermic and pathologic human semen. Singer R, et al. **Experientia** 1985 Jan 15;41(1):64-5

Isolation and characterization of dipeptidyl peptidase IV from human meconium. Functional role of beta-casomorphins. Caporale C, et al. **FEBS Lett** 1985 May 20;184(2):273-7

Localization of dynorphin B-like and alpha-neoendorphin-like immunoreactivities in the guinea pig organ of Corti. Altschuler RA, et al. **Hear Res** 1985 Mar;17(3):249-58

Beta-endorphin. Binding activity of synthetic analogs with various chain lengths in neuroblastoma x glioma NG108-15 cell membranes. Hammonds RG Jr, et al. **Int J Pept Protein Res** 1984 Dec;24(6):597-9

Covalent labeling of opioid receptors with radioiodinated human beta-endorphin. Identification of binding site subunit. Howard AD, et al. **J Biol Chem** 1985 Sep 5; 260(19):10833-9

Central opioid activity in polycystic ovary syndrome with and without dopaminergic modulation. Barnes RB, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):779-82

Immunoreactive pro-enkephalin and prodynorphin products are differentially distributed within the nucleus of the solitary tract of the rat. Lee HS, et al. **J Comp Neurol** 1984 Dec 20;230(4):614-9

Subcellular distribution of opioid peptides in rat hypothalamus and pituitary. Molineaux CJ, et al. **J Neurochem** 1984 Dec;43(6):1616-23

[3H]-beta-endorphin binding in rat brain. Houghten RA, et al. **J Neurosci** 1984 Oct;4(10):2450-5

Opioid pathways in an avian retina. I. The content, biosynthesis, and release of Met5-enkephalin. Su YY, et al. **J Neurosci** 1985 Apr;5(4):851-6

Opioid pathways in an avian retina. II. Synaptic organization of enkephalin-immunoreactive amacrine cells. Watt CB, et al. **J Neurosci** 1985 Apr;5(4):857-65

Hydrolytic deactivation of kyotorphin by the rodent brain homogenates and sera. Matsubayashi K, et al. **J Pharmacobiodyn** 1984 Jul;7(7):479-84

Opioid binding to rat and guinea-pig neural membranes in the presence of physiological cations at 37 degrees C. Werling LL, et al. **J Pharmacol Exp Ther** 1985 Jun; 233(3):722-8

Degradation of kyotorphin by a purified membrane-bound-aminopeptidase from monkey brain: potentiation of kyotorphin-induced analgesia by a highly effective inhibitor, bestatin. Ueda H, et al. **Life Sci** 1985 May 13;36(19):1865-71

Release of immunoreactive beta-endorphin in vitro from pituitaries of young and old male rats. Forman LJ, et al. **Neurobiol Aging** 1985 Summer;6(2):101-5

Streptozotocin-induced diabetes is associated with reduced immunoreactive beta-endorphin concentrations in neurointermediate pituitary lobe and with disrupted circadian periodicity of plasma corticosterone levels. Gibson MJ, et al. **Neuroendocrinology** 1985 Jul;41(1):64-71

Postnatal development of beta-endorphin immunoreactivity in the medulla oblongata of rat. Alessi NE, et al. **Neuropeptides** 1985 Feb;5(4-6):473-6

Separate populations of opioid containing neurons in the guinea-pig intestine. Costa M, et al. **Neuropeptides** 1985 Feb;5(4-6):445-8

beta-Endorphin in neuroblastoma x glioma hybrid cells. Di Marzo V, et al. **Neuropeptides** 1985 Mar;6(1):53-7

Action of neutral metalloendopeptidase ('enkephalinase') on beta-endorphin. Gráf L, et al. **Neuropeptides** 1985 Mar; 6(1):13-9

Beta-endorphin processing in pituitary and brain is sensitive to haloperidol stimulation. Ham J, et al. **Neuropeptides** 1985 Feb;5(4-6):497-500

Postnatal development of opioid systems in rat brain. Loughlin SE, et al. **Neuropeptides** 1985 Feb;5(4-6):469-72

Acute and persistent effects of beta-funaltrexamine on the binding and agonist potencies of opioids in the myenteric plexus of the guinea-pig ileum. McKnight AT, et al. **Neuropeptides** 1984 Dec;5(1-3):169-72

Differential modulation of the beta-endorphin and dynorphin systems by serotonergic stimulation in the rat. Majeed NH, et al. **Neuropeptides** 1985 Feb;5(4-6):563-6

[125I] Tyr27 beta-endorphin: a radio-iodinated derivative of beta-endorphin for the study of opiate receptors. Toogood CI, et al. **Neuropeptides** 1984 Dec;5(1-3):121-4

Effects of neuroleptic drugs on brain beta-endorphin immunoreactivity. Beal MF, et al. **Neurosci Lett** 1985 Jan 21;53(2):173-8

Effects of exercise training on brain opioid peptides and serum LH in female rats. Blake MJ, et al. **Peptides (Fayetteville)** 1984 Sep-Oct;5(5):953-8

Characterization of in vitro proteolytic processing of beta-endorphin by reversed-phase HPLC. Davis TP, et al. **Peptides (Fayetteville)** 1984 Nov-Dec;5(6):1037-42

Differential in vitro metabolism of beta-endorphin in schizophrenia. Schoemaker H, et al. **Peptides (Fayetteville)** 1984 Nov-Dec;5(6):1049-54

Effects of intracranial self-stimulation on brain opioid peptides. Stein EA. **Peptides (Fayetteville)** 1985 Jan-Feb; 6(1):67-73

Binding characteristics of dermorphin, and [dermorphin1-7]-beta c-endorphin in rat brain membranes. Westphal M, et al. **Peptides (Fayetteville)** 1985 Jan-Feb; 6(1):149-52

Biphasic effects of chronic nicotine treatment on hypothalamic immunoreactive beta-endorphin in the mouse. Rosecrans JA, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):141-3

Does nitrous oxide induce release of brain opioid peptides? Quock RM, et al. **Pharmacology** 1985;30(2):95-9

beta-Endorphin: surface binding and internalization in thymoma cells. Schweigerer L, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5751-5

The Wellcome Foundation lecture, 1982. Opioid Peptides and their Receptors. Kosterlitz HW. **Proc R Soc Lond [Biol]** 1985 Jul 22;225(1238):27-40 (48 ref.)

The effect of chronic estrogen treatment on immunoreactive beta-endorphin levels in intact female rats. Forman LJ, et al. **Proc Soc Exp Biol Med** 1985 Jul;179(3):365-72

Evidence for internalization of opioid peptides but not opiate drugs in brain slices. LaBella FS, et al. **Proc West Pharmacol Soc** 1984;27:363-6

Endorphins in psychiatry. Emrich HM. **Psychiatr Dev** 1984 Summer;2(2):97-114

Aversive properties of naloxone in non-dependent (naive) rats may involve blockade of central beta-endorphin. Mucha RF, et al. **Psychopharmacology (Berlin)** 1985; 86(3):281-5

Effect of chronic administration of delta 9-tetrahydrocannabinol on the endogenous opioid peptide and catecholamine levels in the diencephalon and plasma of the rat. Kumar MS, et al. **Subst Alcohol Actions Misuse** 1984;5(4):201-10

[Endogenous morphine-like substances: biogenesis, release and degradation] Han JS. **Sheng Li Ko Hsueh Chin Chan** 1984 Apr;15(2):107-14 **(Chi)**

[Determination of the binding affinity of beta-adrenergic receptors in human lymphocytes using 125I-hydroxybenzylpindolol] Přikryl P, et al. **Cas Lek Cesk** 1984 Oct 19;123(42):1283-5 (Eng. Abstr.) **(Cze)**

[Brain blood supply and beta-endorphin and corticotropin content on exposure to thyroliberin] Mirozoian RS, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):318-20 (Eng. Abstr.) **(Rus)**

[Changes in the opioid peptide content of the adrenals of rats during immobilization stress] Val'dman AV, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):404-6 (Eng. Abstr.) **(Rus)**

[Changes in the beta-endorphin levels in the brain and cerebrospinal fluid during transcranial electroanalgesia] Airapetov LN, et al. **Fiziol Zh SSSR** 1985 Jan;71(1):56-64 **(Rus)**

[Opioid peptide content of rat tissues during long-term physical restraint] Tigranian RA, et al. **Kosm Biol Aviakosm Med** 1984 Nov-Dec;18(6):83-5 **(Rus)**

PHARMACODYNAMICS

The effect of neonatal treatment of mice with opioid and dopaminergic agents on the late responsiveness of vasa deferentia to opioids in vitro. Rónai AZ, et al. **Acta Biol Hung** 1984;35(1):43-7

Role of naloxone and opioid peptides on thyrotrophin, alpha subunit and beta thyrotrophin by dispersed rat pituitary cells. Cacicedo L, et al. **Acta Endocrinol (Copenh)** 1985 Sep;110(1):101-6

Chronic infusion of opiate peptides to rat cerebrospinal fluid with osmotic minipumps. Saland LC, et al. **Anat Rec** 1984 Sep;210(1):115-23

The impairment of retention induced by beta-endorphin in mice may be mediated by a reduction of central cholinergic activity. Introini IB, et al. **Behav Neural Biol** 1984 Jul; 41(2):152-63

Inhibition of analgesia by C-terminal deletion analogs of human beta-endorphin. Nicolas P, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):649-55

The analgesically effective peptide deprolorphin exhibits cross-tolerance to morphine in rats. Grecksch G, et al. **Biomed Biochim Acta** 1985;44(4):649-52

Effect of the endogenous analgesic dipeptide, kyotorphin, on transmitter release in sympathetic ganglia. Hirai K, et al. **Br J Pharmacol** 1985 Jul;85(3):629-34

Opioid peptides increase calcium uptake by synaptosomes from brain regions. Barr E, et al. **Brain Res** 1985 Mar 11; 329(1-2):280-4

[D-Arg]Kyotorphin-induced ipsilateral rotation: evidence for in vivo effects independent of Met-enkephalin release. Bean AJ, et al. **Brain Res** 1984 Nov 12;321(2):327-31

Epileptiform effects of met-enkephalin, beta-endorphin and morphine: kindling of generalized seizures and potentiation of epileptiform effects by handling. Cain DP, et al. **Brain Res** 1985 Jul 15;338(2):327-36

Selective inactivation of opioid receptors in rat hippocampus demonstrates that dynorphin-A and -B may act on mu-receptors in the CA1 region. Chavkin C, et al. **Brain Res** 1985 Apr 8;331(2):366-70

Altered body temperature of rabbits after central injection of beta-endorphin and other peptides. Glyn-Ballinger JR, et al. **Brain Res** 1985 May 6;333(2):366-8

Potentiation of beta-endorphin effects by cholecystokinin antiserum in rats. Itoh S, et al. **Can J Physiol Pharmacol** 1985 Jan;63(1):81-3

Regulation of neurohormone release in the fiddler crab, Uca pugilator: effects of gamma-aminobutyric acid, octopamine, Met-enkephalin, and beta-endorphin. Quackenbush LS, et al. **Comp Biochem Physiol [C]** 1984; 79(1):77-84

Effect of endorphins on amylase secretion from rat pancreas in vivo and in vitro. Singh M. **Dig Dis Sci** 1985 Mar; 30(3):257-62

Reversal of beta-endorphin-induced blockade of ovulation and luteinizing hormone surge with prostaglandin E2. Leadem CA, et al. **Endocrinology** 1985 Aug;117(2):684-9

Opioid peptides rapidly stimulate superoxide production by human polymorphonuclear leukocytes and macrophages. Sharp BM, et al. **Endocrinology** 1985 Aug;117(2):793-5

Possible delta receptor mediation of the effect of beta-endorphin on luteinizing hormone (LH) release, but not on prolactin (PRL) release, in the ovariectomized rat. Wiesner JB, et al. **Endocrinology** 1985 Jan;116(1):475-7

Physical dependence produced by chronic intracerebroventricular infusion of [D-Arg]kyotorphin or thiorphan to rats. Bean AJ, et al. **Eur J Pharmacol** 1984 Oct 15;105(3-4):333-7

Effect of intranigral injections of dynorphin, dynorphin fragments and alpha-neoendorphin on rotational behaviour in the rat. Herrera-Marschitz M, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):213-27

Potentiation of beta-endorphin effects by proglumide in rats. Katsuura G, et al. **Eur J Pharmacol** 1985 Jan 8;107(3):363-6

Inhibition of the cardiac response to sympathetic nerve stimulation by opioid peptides and its potentiation by morphine and methadone. Ledda F, et al. **Eur J Pharmacol** 1984 Jul 20;102(3-4):443-50

Electrophysiological effects of dynorphin peptides on hippocampal pyramidal cells in rat. Moises HC, et al. **Eur J Pharmacol** 1985 Jan 15;108(1):85-98

The increased opiate action of beta-endorphin in iron-deficient rats: the possible involvement of dopamine. Yehuda S, et al. **Eur J Pharmacol** 1984 Sep 17; 104(3-4):245-51

Beta-casomorphin inhibits thyrotropin secretion in rats. Mitsuma T, et al. **Exp Clin Endocrinol** 1984 Dec; 84(3):324-30

Effect of beta-casomorphin and its analogue on serum prolactin in the rat. Nedvídková J, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):249-52

Beta-endorphin. Synthesis and biological activity of analogs with disulfide bridges. Blake J, et al. **Int J Pept Protein Res** 1985 Jun;25(6):575-9

Beta-endorphin. Biological activity of synthetic analogs with analgesia inhibiting property in rat vas deferens and guinea pig ileum assays. Ho CL, et al. **Int J Pept Protein Res** 1985 Mar;25(3):305-7

Effects of beta-endorphin on the contraction and electrical activity of the isolated perfused rat heart. Lee AY, et al. **Int J Pept Protein Res** 1984 Nov;24(5):525-8

Beta-endorphin does not protect alkylation of opiate receptor by N-ethylmaleimide. Westphal M, et al. **Int J Pept Protein Res** 1985 Apr;25(4):403-7

Cold acclimation increases physiological responsiveness to intraventricular injection of beta-endorphin in pentobarbital anaesthetized rats. II. Metabolic function. Wong TM, et al. **Int J Pept Protein Res** 1984 Jul;24(1):74-

The influence of endorphins on peritoneal and mucosal mast cell secretion. Shanahan F, et al. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 1):499-504

The role of endogenous opioid peptides in the control of androgen levels in the male nonhuman primate. Gilbeau PM, et al. **J Androl** 1984 Sep-Oct;5(5):339-43

Effect of human beta-endorphin on plasma aldosterone concentrations in normal human subjects. Kem DC, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):440-3

beta-Endorphin stimulates plasma renin and aldosterone release in normal human subjects. Rabinowe SL, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):485-9

Suppression of T lymphocyte chemotactic factor production by the opioid peptides beta-endorphin and met-enkephalin. Brown SL, et al. **J Immunol** 1985 May;134(5):3384-90

Stereostructure-activity relationship of opioid agonist and antagonist bivalent ligands. Evidence for bridging between vicinal opioid receptors. Portoghese PS, et al. **J Med Chem** 1985 Sep;28(9):1140-1

Diuresis and suppression of vasopressin by kappa opioids: comparison with mu and delta opioids and clonidine. Leander JD, et al. **J Pharmacol Exp Ther** 1985 Aug; 234(2):463-9

Differential actions of intrathecal naloxone on blocking the tail-flick inhibition induced by intraventricular beta-endorphin and morphine in rats. Tseng LF, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):74-9

Dynorphin and neoendorphin peptides decrease dorsal root ganglion neuron calcium-dependent action potential duration. Werz MA, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):49-56

Effects of delta and mu opiopeptides on the turnover and release of dopamine in rat striatum. Yonehara N, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):38-42

On the potassium conductance increased by opioids in rat locus coeruleus neurones. North RA, et al. **J Physiol (Lond)** 1985 Jul;364:265-80

The effect of gamma-type endorphins on alpha-MSH release in the rat. de Rotte AA, et al. **Life Sci** 1985 Jul 22; 37(3):263-71

Enhancement of colonic motor response to feeding by central endogenous opiates in the dog. Fioramonti J, et al. **Life Sci** 1985 Jul 1;36(26):2509-14

Beta-endorphin-(10-16) antagonizes behavioral responses elicited by melatonin following injection into the nucleus accumbens of rats. Gaffori O, et al. **Life Sci** 1985 Jul 29; 37(4):357-64

Differential effects of various opioid peptides on vasopressin and oxytocin release from the rat pituitary in vitro. Maysinger D, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Dec; 328(2):191-5

Modulation of lordosis behavior of female rats by naloxone, beta-endorphin and its antiserum in the mesencephalic central gray: possible mediation via GnRH. Sirinathsinghji DJ. **Neuroendocrinology** 1984 Sep;39(3):222-30

Pituitary secretion of growth hormone in response to opioid peptides and opiates is mediated through growth hormone-releasing factor. Wehrenberg WB, et al. **Neuroendocrinology** 1985 Jul;41(1):13-6

Hypothalamic opioid peptide regulation of catecholamine secretion. Appel NM, et al. **Neuropeptides** 1984 Dec; 5(1-3):287-90

Mechanism of action of cholecystokinin on intestinal blood flow; interactions with opioid peptides and vasoactive intestinal peptide. Rozsa Z, et al. **Neuropeptides** 1985 Mar; 6(1):71-81

Opiate activity of peptides derived from the three opioid peptide families on the rat vas deferens. Sánchez-Blázquez P, et al. **Neuropeptides** 1984 Dec;5(1-3):181-4

Sites of analgesic actions of kyotorphin and D-kyotorphin in the central nervous system of rats. Satoh M, et al. **Neuropeptides** 1985 Feb;5(4-6):415-8

Activity profiles of novel side-chain to side-chain cyclized opioid peptide analogs. Schiller PW, et al.

Neuropeptides 1984 Dec;5(1–3):165–8

Inhibition of Ca++–ATPase of rat erythrocyte membranes by k-opioid agonists. Yamasaki Y, et al. **Neuropeptides** 1985 Feb;5(4–6):359–62

Opiates and opioid peptides modify sensory evoked potentials and synaptic excitability in the rat dentate gyrus. Christian EP, et al. **Neuropharmacology** 1985 Jul;24(7):607–15

The effects of opioid and FMRF–amide peptides on thermal behavior in the snail. Kavaliers M, et al. **Neuropharmacology** 1985 Jul;24(7):621–6

Intracerebroventricular injection of ostrich beta–endorphin to satiated pigeons induces hyperphagia but not hyperdipsia. Deviche P, et al. **Peptides (Fayetteville)** 1984 Jul–Aug;5(4):691–4

Fronto-cortical regulation of beta–endorphin actions in the rat. Itoh S, et al. **Peptides (Fayetteville)** 1985 Mar–Apr;6(2):237–40

Casomorphins reduce separation distress in chicks. Panksepp J, et al. **Peptides (Fayetteville)** 1984 Jul–Aug;5(4):829–31

Thermoregulatory (core, surface and metabolic) responses of unrestrained rats to repeated POAH injections of beta–endorphin or adrenocorticotropin. Thornhill JA, et al. **Peptides (Fayetteville)** 1984 Jul–Aug;5(4):713–9

Effects of beta–neo–endorphin on behaviors in mice using multi-dimensional behavioral analyses. Ukai M, et al. **Peptides (Fayetteville)** 1984 Sep–Oct;5(5):1011–4

The pharmacology of endorphin modulation of chick distress vocalization. Vilberg TR, et al. **Peptides (Fayetteville)** 1984 Jul–Aug;5(4):823–7

The effects of MIF–I, beta–endorphin and alpha–MSH on d-amphetamine induced paradoxical behavioral thermoregulation: possible involvement of the dopaminergic system. Yehuda S, et al. **Peptides (Fayetteville)** 1985 Mar–Apr;6(2):189–92

Morphiceptin: biphasic inhibition of mu–opiate receptor ligands. Villiger JW. **Pharmacol Biochem Behav** 1984 Nov;21(5):705–6

Androgens and effects of opioids and catecholamines on the smooth muscle of the rat vas deferens. Miranda H, et al. **Pharmacology** 1985;30(3):168–80

Beta-casomorphin affects fast and slow action potentials in ventricular myocardium. Nilius B, et al. **Pharmazie** 1985 Jun;40(6):428–9

Mu and kappa opioids inhibit transmitter release by different mechanisms. Cherubini E, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1860–3

Beta-endorphin–(1–27) is a naturally occurring antagonist to etorphine–induced analgesia. Nicolas P, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3178–81

Adrenal and thyroid interactions of beta–endorphin–induced body temperature responses of rats at 24.5 degrees C. Gwosdow AR, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):412–8

The cardiovascular actions of morphine and the endogenous opioid peptides. Johnson MW, et al. **Prog Cardiovasc Dis** 1985 May–Jun;27(6):435–50 (236 ref.)

Influence on memory of posttraining or pre–test injections of ACTH, vasopressin, epinephrine, and beta–endorphin, and their interaction with naloxone. Izquierdo I, et al. **Psychoneuroendocrinology** 1985;10(2):165–72

Influence of early beta–endorphin treatment on the behavior and reaction to beta–endorphin in the adult male rat. Meyerson BJ. **Psychoneuroendocrinology** 1985;10(2):135–47

Analgesic cross–tolerance between morphine and opioid peptides. Sivam SP, et al. **Psychopharmacology (Berlin)** 1984;84(1):64–5

Effects of naloxone, beta–endorphin and ACTH on acquisition of schedule–induced polydipsia. Tazi A, et al. **Psychopharmacology (Berlin)** 1985;85(1):87–91

Beta-endorphin administered into the lateral ventricle of the brain causes pulmonary platelet trapping in rabbits. Almqvist P, et al. **Regul Pept** 1984 Oct;9(3):165–71

Effects of some opiates and vasoactive intestinal peptide (VIP) on duodenal surface epithelial bicarbonate secretion in the rat. Flemström G, et al. **Scand J Gastroenterol [Suppl]** 1985;110:49–53

[Psychomotor excitation caused by beta–endorphin: effect of rubidium and lithium] Beleslin DB, et al. **C R Soc Biol (Paris)** 1984;178(4):387–91 (Eng. Abstr.) (Fre)

[Differences in the action of enkephalins, beta–endorphin, and morphine on spontaneous rhythmic movements of the isolated rabbit ileum] Beleslin DB, et al. **C R Soc Biol (Paris)** 1984;178(4):392–6 (Eng. Abstr.) (Fre)

[Effect of beta–endorphin, enkephalins and their synthetic analogs on the neuronal electrical activity of the respiratory center in the medulla oblongata] Iasnetsov VV, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):687–90 (Eng. Abstr.) (Rus)

[Effect of beta–neo–endorphin—an agonist of chi–opiate receptors on the neuronal activity of the cerebral cortex] Iasnetsov VV, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):69–71 (Eng. Abstr.) (Rus)

[Stimulating action of endorphins on the development of sympathetic ganglia in culture] Il'inskii OB, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):242–5 (Eng. Abstr.) (Rus)

[Effect of opioid peptides and morphine on 3H–dopamine uptake and release in the neostriatum of the rat brain] Godukhin OV, et al. **Dokl Akad Nauk SSSR** 1984;277(3):742–5 (Rus)

[Mechanisms of the effect of opiates and opioids on gonadal and adrenal cortical functions] Belykh AG, et al. **Farmakol Toksikol** 1984 Nov–Dec;47(6):102–8 (62 ref.) (Rus)

PHYSIOLOGY

Enkephalinase inhibition prevented tolerance to nitrous oxide analgesia in rats. Rupreht J, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):617–620

The regulation of insulin and glucagon secretion by opiates: a study with naloxone in healthy humans. Locatelli A, et al. **Acta Diabetol Lat** 1985 Jan–Mar;22(1):25–31

beta–Endorphin and essential hypertension: importance of the clonidine–naloxone interaction. Farsang C, et al. **Acta Physiol Hung** 1985;65(2):217–26

Mechanism of action of beta–endorphin and naloxone in hypophysectomized rats with hemorrhagic shock—the role of CNS. Machuganska A, et al. **Acta Physiol Pharmacol Bulg** 1985;11(1):34–42

Hormone changes and beta–endorphin in the pathogenesis of hemorrhagic shock. Machuganska A, et al. **Acta Physiol Pharmacol Bulg** 1985;11(1):26–33

Participation of serotoninergic, GABA–ergic and opiate mechanisms in the genesis of amphetamine stereotypy. Petkov V, et al. **Acta Physiol Pharmacol Bulg** 1984;10(2):3–12

The physiology of opiate hedonic effects and the role of opioids in motivated behavior. Carr KD. **Adv Alcohol Subst Abuse** 1984 Spring;3(3):5–18 (67 ref.)

Endogenous opiates and cardiopulmonary function. LaGamma EF. **Adv Pediatr** 1984;31:1–41

Opioids, benzodiazepines and intake of ethanol. Beaman CM, et al. **Alcohol** 1984 Jan–Feb;1(1):39–42

Selected opioids, ethanol and intake of ethanol. Hunter GA, et al. **Alcohol** 1984 Jan–Feb;1(1):43–6

Neuroendocrinology of opioid peptides and their role in the control of gonadotropin and prolactin secretion. Yen SS, et al. **Am J Obstet Gynecol** 1985 Jun 15;152(4):485–93 (78 ref.)

Local endogenous opiate activity in dog myocardium: receptor blockade with naloxone. Caffrey JL, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):H382–8

Neuropeptides: a role as endogenous mediators or modulators of epileptic phenomena. Bajorek JG, et al. **Ann Neurol** 1984;16 Suppl:S31–8

Lithium–induced visual hallucinations: evidence for possible opioid mediation [letter] Sandyk R, et al. **Ann Neurol** 1985 Jun;17(6):619–20

Role of beta–endorphin in behavioral regulation. Izquierdo I, et al. **Ann NY Acad Sci** 1985;444:162–77

Modulation of the pulsatile release of biologically active luteinizing hormone by endogenous opiates. Veldhuis JD, et al. **Ann NY Acad Sci** 1984;438:485–9

Endorphinergic mechanisms in food, salt and water intake: an overview. Cooper SJ, et al. **Appetite** 1984 Mar;5(1):1–6 (37 ref.)

Stress, endogenous opioids and salt intake. Kuta CC, et al. **Appetite** 1984 Mar;5(1):53–60

Endorphins and psychiatry. Blaszczynski AP, et al. **Aust NZ J Psychiatry** 1984 Jun;18(2):111–2

Response of the rat brain beta–endorphin system to novelty: importance of the fornix connection. Netto CA, et al. **Behav Neural Biol** 1985 Jan;43(1):37–46

Do endogenous opioid peptides mediate the effects of photoperiod on release of luteinizing hormone and prolactin in ovariectomized ewes? Schillo KK, et al. **Biol Reprod** 1985 May;32(4):779–87

The role of endogenous opiates in thermal regulation of the body during exercise. De Meirleir K, et al. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):739–40

Antagonism of brain opioid peptide action reduces hibernation bout duration. Beckman AL, et al. **Brain Res** 1985 Mar 4;328(2):201–5

Body region shocked need not critically define the neurochemical basis of stress analgesia. Cannon JT, et al. **Brain Res** 1984 Dec 10;323(2):316–9

Evidence of a supraspinal opioid analgesic mechanism engaged by lateral hypothalamic electrical stimulation. Carr KD, et al. **Brain Res** 1985 May 27;335(1):55–62

Failure to produce a non–opioid foot shock–induced antinociception in rats. Chatterjee TK, et al. **Brain Res** 1984 Dec 10;323(2):380–4

Operant conditioning of somatosensory evoked potential (SEP) amplitude in rats. I. Specific changes in SEP amplitude and a naloxone–reversible somatotopically specific change in facial nociception. Dowman R, et al. **Brain Res** 1985 May 6;333(2):201–12

The influence of opiate agonists on day–night feeding rhythms in young and old mice. Kavaliers M, et al. **Brain Res** 1985 Feb 4;326(1):160–7

Differential effects of naloxone on the release of neurohypophysial hormones in normotensive and spontaneously hypertensive rats. Rosella–Dampman LM, et al. **Brain Res** 1985 Jan 28;325(1–2):205–14

Modulation of lordosis behaviour in the female rat by corticotropin releasing factor, beta–endorphin and gonadotropin releasing hormone in the mesencephalic central gray. Sirinathsinghji DJ. **Brain Res** 1985 Jun 10;336(1):45–55

A functional role for opioid peptides in the differential secretion of vasopressin and oxytocin. Summy–Long JY, et al. **Brain Res** 1984 Sep 10;309(2):362–6

Endogenous opioid systems: physiological role in the self–limitation of seizures. Tortella FC, et al. **Brain Res** 1985 Apr 15;332(1):174–8

Footshock–induced analgesia: its opioid nature depends on the strain of rat. Urca G, et al. **Brain Res** 1985 Mar 11;329(1–2):109–16

Effects of naloxone on the cardiovascular responses to muscular contraction in decerebrate cats. Waldrop TG, et al. **Brain Res** 1984 Nov 19;322(1):152–6

Cholecystokinin antagonists selectively potentiate analgesia induced by endogenous opiates. Watkins LR, et al. **Brain Res** 1985 Feb 18;327(1–2):181–90

Effects of centrally administered naloxone on phrenic nerve activity. Wilson BA, et al. **Brain Res** 1984 Dec 24;324(2):366–8

The changing nature of pain control. Clinical aspects of endorphins and enkephalins. Hirst M. **Can Dent Assoc J** 1985 Jul;51(7):493–8 (60 ref.)

Endorphins and the neonate [editorial] Hindmarsh KW, et al. **Can Med Assoc J** 1985 Feb 15;132(4):331–4

Membrane engineering to rejuvenate the ageing brain [news] Lee RE. **Can Med Assoc J** 1985 Feb 15;132(4):325–7

Opioid involvement in hypertension induced by short–term isolation. Fuentes JA, et al. **Clin Exp Hypertens [A]** 1984;6(10–11):2041–4

Effects of naloxone on the cardiovascular responses to clonidine, alpha–methyldopa and 6–hydroxydopamine in conscious normotensive and spontaneously hypertensive rats. Head GA, et al. **Clin Exp Hypertens [A]** 1984;6(10–11):2051–4

Naloxone in progressive supranuclear palsy [letter] Sandyk R, et al. **Clin Neuropharmacol** 1985;8(2):198–9

Physiological, pathophysiological and pharmacological aspects of exogenous and endogenous opiates. Schick R, et al. **Clin Physiol Biochem** 1985;3(1):43–60 (184 ref.)

The role of opioid peptides in the hormonal responses to acute exercise in man. Grossman A, et al. **Clin Sci** 1984 Nov;67(5):483–91

Do testicular opiates regulate Leydig cell function? Gerendai I, et al. **Endocrinology** 1984 Oct;115(4):1645–7

Noradrenergic and endogenous opioid pathways in the regulation of luteinizing hormone secretion in the male rat. Miller MA, et al. **Endocrinology** 1985 Aug;117(2):544–8

Hyperprolactinemia decreases the luteinizing hormone–releasing hormone concentration in pituitary portal plasma: a possible role for beta–endorphin as a mediator. Sarkar DK, et al. **Endocrinology** 1985 May;116(5):2080–4

Endogenous opioid peptides participate in the modulation of prolactin release in response to cervicovaginal stimulation in the female rat. Sirinathsinghji DJ, et al. **Endocrinology** 1985 Aug;117(2):549–56

Endogenous opioid peptides and the control of the menstrual cycle. Ferin M, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec;18(5–6):365–73 (26 ref.)

Exogenous and endogenous opioid–induced enhancements of naloxone's effects on serum luteinizing hormone levels in the male rat. Cicero TJ, et al. **Eur J Pharmacol** 1984 Oct 15;105(3–4):273–84

Opioids and neuropeptides: mechanisms in circulatory shock. Bernton EW, et al. **Fed Proc** 1985 Feb;44(2):290–9 (86 ref.)

Anatomy of the corticotropin–releasing factor and opiomelanocortin systems of the brain. Joseph SA, et al. **Fed Proc** 1985 Jan;44(1 Pt 1):100–7

Enkephalins and endorphins as modifiers of the immune system: present and future. Wybran J. **Fed Proc** 1985 Jan;44(1 Pt 1):92–4 (10 ref.)

Opioids, feeding, and anorexias. Yim GK, et al. **Fed Proc** 1984 Nov;43(14):2893–7 (42 ref.)

The role of endogenous opioid peptides in control of the menstrual cycle. Jewelewicz R. **Fertil Steril** 1984 Nov;42(5):683–5

The role of beta–endorphins and catechol estrogens on the hypothalamic–pituitary axis in female athletes. Russell JB, et al. **Fertil Steril** 1984 Nov;42(5):690–5

Effect of opiate and adrenergic blockers on the gut motor response to centrally acting stimuli. Stanghellini V, et al. **Gastroenterology** 1984 Nov;87(5):1104–13

Beta–endorphin: a common factor in the antihypertensive action of clonidine–type imidazolines in spontaneously hypertensive rats. Naranjo JR, et al. **Gen Pharmacol** 1985;16(3):287–90

Temporal difference of thyrotropin–releasing hormone in prevention of testicular regression in golden hamsters exposed to short photoperiods: possible involvement of beta–endorphin. Chen HJ, et al. **Horm Res** 1985;21(3):168–74

Endogenous opiates. Reynolds D, et al. **Hosp Pract [Off]** 1984 Dec;19(12):34U–34V, 34X

Endogenous opiate peptides, stress reactivity, and risk for hypertension. McCubbin JA, et al. **Hypertension** 1985 Sep–Oct;7(5):808–11

Pain threshold changes in rats following central injection of beta–endorphin, met–enkephalin, vasopressin or oxytocin antisera. Bodnar RJ, et al. **Int J Neurosci** 1984 Oct;24(2):149–60

The endocrinology of the opioids. Millan MJ, et al. **Int Rev Neurobiol** 1985;26:1–83 (888 ref.)

Role of beta–endorphins in analgesia associated with reactive hyperemia. Mooring FJ, et al. **Invest Radiol** 1985 May–Jun;20(3):293–6

Neuroendocrinologic developments in sexuality: beta-endorphins in sexual desire phase disorders. Chapman JD. **J Am Osteopath Assoc** 1984 Dec;84(4):368–71

Introduction to the symposium on endorphins and neurotransmitters. Goldstein M. **J Am Osteopath Assoc** 1984 Sep;84(1 Suppl):96–7

Possible complications of using naloxone as an internal opiate antagonist in the investigation of the role of endorphins in osteopathic manipulative treatment. Payson SM, et al. **J Am Osteopath Assoc** 1984 Sep;84(1 Suppl):152–6

Effects of naloxone on exercise performance. Surbey GD, et al. **J Appl Physiol** 1984 Sep;57(3):674–9

Endogenous opioids and ventilatory responses to hypercapnia in normal humans. Weinberger SE, et al. **J Appl Physiol** 1985 May;58(5):1415–20

Progestins increase endogenous opioid peptide activity in postmenopausal women. Casper RF, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):34–6

Naloxone-induced prolactin secretion in women: evidence against a direct prolactin stimulatory effect of endogenous opioids. Cetel NS, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):191–6

Human semen inhibits T rosette formation through an opiate mediated mechanism. Fabbri A, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):807–9

Opioid effects on plasma concentrations of luteinizing hormone and prolactin in the adult male rhesus monkey. Gilbeau PM, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):299–305

The effects of estrogen and progestin on endogenous opioid activity in oophorectomized women. Shoupe D, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):178–83

Endogenous opiates participate in the regulation of pulsatile luteinizing hormone release in an unopposed estrogen milieu: studies in estrogen-replaced, gonadectomized patients with testicular feminization. Veldhuis JD, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):790–3

Endogenous opiates mediate cardiac sympathetic inhibition in response to a pressor stimulus in rabbits. Weinstock M, et al. **J Hypertens** 1984 Dec;2(6):639–46

Stress, opioid peptides, the immune system, and cancer. Shavit Y, et al. **J Immunol** 1985 Aug;135(2 Suppl):834s–837s

Lymphocyte production of endorphins and endorphin-mediated immunoregulatory activity. Smith EM, et al. **J Immunol** 1985 Aug;135(2 Suppl):779s–782s

Opioid induced unconsciousness reversed by changes in opioid cholinergic and adrenergic function [letter] Gillman MA, et al. **J Neurol Neurosurg Psychiatry** 1985 Apr;48(4):391

Selective inhibition of glucose-sensitive neurons in rat lateral hypothalamus by noxious stimuli and morphine. Sikdar SK, et al. **J Neurophysiol** 1985 Jan;53(1):17–31

Endogenous opiate peptides may limit norepinephrine release during hemorrhage. Schadt JC, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):656–60

What are the functions of endorphins following thermal injury? Levine J. **J Trauma** 1984 Sep;24(9 Suppl):S168–76

Regulation of urinary bladder capacity by endogenous opioid peptides. Booth AM, et al. **J Urol** 1985 Feb;133(2):339–42

Antagonism of diazepam-induced feeding in rats by antisera to opioid peptides. González Y, et al. **Life Sci** 1984 Sep 24;35(13):1423–9

N alpha-Acetyl-gamma-endorphin is an endogenous non-opioid neuropeptide with biological activity. Wiegant VM, et al. **Life Sci** 1985 Jun 17;36(24):2277–85

Auto-tolerance to the endogenous opioids and sleep. Gillman MA, et al. **Med Hypotheses** 1985 Apr;16(4):393–5

Opioid hypofunction in Parkinson's disease. Sandyk R, et al. **Med Hypotheses** 1985 Feb;16(2):179–82

Sensory symptoms in Parkinson's disease and the opioid system. Sandyk R. **Med Hypotheses** 1985 Apr;16(4):361–4

Neuroleptic malignant syndrome and the opioid system. Sandyk R. **Med Hypotheses** 1985 Jun;17(2):133–7

Exercise and endorphins—male responses. Farrell PA. **Med Sci Sports Exerc** 1985 Feb;17(1):89–93

Endorphins: 'opiates for the masses'. Grossman A. **Med Sci Sports Exerc** 1985 Feb;17(1):101–5

Endorphins: what are they? How are they measured? What is their role in exercise? Grossman A, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):74–81 (29 ref.)

Endorphins and exercise in females: possible connection with reproductive dysfunction. McArthur JW. **Med Sci Sports Exerc** 1985 Feb;17(1):82–8

Affective beneficence of vigorous physical activity. Morgan WP. **Med Sci Sports Exerc** 1985 Feb;17(1):94–100 (45 ref.)

Pharmacological evidence for opioid and adrenergic mechanisms controlling growth hormone, prolactin, pancreatic polypeptide, and catecholamine levels in humans. Thompson DA, et al. **Metabolism** 1985 Apr;34(4):383–90

Opposite motivational effects of endogenous opioids in brain and periphery. Bechara A, et al. **Nature** 1985 Apr 11–17;314(6011):533–4

The role of opioid peptides in cardiovascular regulation. New developments in the treatment of shock? Lamberts SW. **Neth J Med** 1984;27(10):417–20 (42 ref.)

Does beta-endorphin modulate basal and dopamine-inhibited prolactin release by an action at the anterior pituitary? Cheung CY. **Neuroendocrinology** 1984 Dec;39(6):489–95

Naloxone-induced dissociation of oxytocin and prolactin releases. Samson WK, et al. **Neuroendocrinology** 1985 Jan;40(1):68–71

Evidence that chronic hyperprolactinemia effects skin temperature regulation through an opioid mechanism. Simpkins JW, et al. **Neuroendocrinology** 1984 Oct;39(4):321–9

Relation of gonadal hormones to differential LH response to naloxone in prepubertal male and female rats. Sylvester PW, et al. **Neuroendocrinology** 1985 Feb;40(2):165–70

The opioid system in Gilles de la Tourette's syndrome [letter] Sandyk R. **Neurology** 1985 Mar;35(3):449–50

Naloxone reversal of stress-induced reproductive effects in the male rhesus monkey. Gilbeau PM, et al. **Neuropeptides** 1985 Feb;5(4–6):335–8

The effects of 50 Hz magnetic fields on opioid peptide mediated inhibition of guinea pig ileum. Golding GP, et al. **Neuropeptides** 1985 Feb;5(4–6):357–8

Mechanisms of opioid tolerance and dependence. Schulz R, et al. **Neuropeptides** 1984 Dec;5(1–3):3–10

Endogenous opioids modulate the effect of cholecystokinin on insulin release in dogs. Schusdziarra V, et al. **Neuropeptides** 1984 Nov;4(6):507–17

Effects of morphine and naloxone on pilocarpine-induced convulsions in rats. Turski L, et al. **Neuropeptides** 1985 Feb;5(4–6):315–8

Enkephalins and endorphins: activation molecules for the immune system and natural killer activity? Wybran J. **Neuropeptides** 1985 Feb;5(4–6):371–4

Endogenous opiates and stress. Behavioral activation elicited in the rat and effects of naltrexone, diprenorphine and morphine. Katz RJ, et al. **Neuropharmacology** 1984 Dec;23(12A):1425–30

Hot-plate learning in mice is unaltered by immediate post-training administration of naloxone, naltrexone or morphine. Rodgers RJ, et al. **Neuropharmacology** 1985 Apr;24(4):333–6

Opiates, endorphins, and the developing organism: a comprehensive bibliography, 1982–1983. Zagon IS, et al. **Neurosci Biobehav Rev** 1984 Fall;8(3):387–403

D-Amino acids influence ultrasonic calling in mice pups: effects of D-phenylalanine and D-leucine. Albonetti ME, et al. **Neurosci Lett** 1985 Jun 24;57(3):233–6

Naloxone-reversible respiratory inhibition induced by muscular thin-fiber afferents in decerebrated cats. Kumazawa T, et al. **Neurosci Lett** 1985 Jan 7;53(1):81–5

Diurnal variations in electroconvulsive shock-induced seizures: involvement of endogenous opioids. Oliverio A, et al. **Neurosci Lett** 1985 Jun 24;57(3):237–40

Opioid peptides in pseudocyesis. Devane GW, et al. **Obstet Gynecol** 1985 Feb;65(2):183–8

Acupuncture analgesia [letter] Han JS. **Pain** 1985 Mar;21(3):307–10

Endogenous opiates: 1983. Olson GA, et al. **Peptides (Fayetteville)** 1984 Sep–Oct;5(5):975–92 (263 ref.)

Stress produces opioid-like effects on investigatory behavior. Arnsten AF, et al. **Pharmacol Biochem Behav** 1985 May;22(5):803–9

Endorphinergic modulation of neural reward systems indicated by behavioral changes. Dum J, et al. **Pharmacol Biochem Behav** 1984 Aug;21(2):259–66

Naltrexone antagonizes the biobehavioral adaptation to cold water stress in rats. Girardot MN, et al. **Pharmacol Biochem Behav** 1985 May;22(5):769–79

Opiomelanocortins and behavioral adaptation. Bohus B. **Pharmacol Ther** 1984;26(3):417–51 (238 ref.)

Pharmacology of descending control systems. Duggan AW. **Philos Trans R Soc Lond [Biol]** 1985 Feb 19;308(1136):375–91

Multiple opioid ligands and receptors in the control of nociception. Höllt V, et al. **Philos Trans R Soc Lond [Biol]** 1985 Feb 19;308(1136):299–312

The pineal gland and opiate-induced feeding. Gosnell BA, et al. **Physiol Behav** 1985 Jan;34(1):1–6

Lesions of the globus pallidus and striatum attenuate ketocyclazocine-induced feeding. Gosnell BA, et al. **Physiol Behav** 1984 Sep;33(3):349–55

Effects of naloxone and chlordiazepoxide on lateral hypothalamic self-stimulation in rats. Ichitani Y, et al. **Physiol Behav** 1985 May;34(5):779–82

Opioid-induced feeding in the slug, Limax maximus. Kavaliers M, et al. **Physiol Behav** 1984 Nov;33(5):765–7

Feeding behavior responses of Zucker rats to naloxone. McLaughlin CL, et al. **Physiol Behav** 1984 May;32(5):755–61

Opioid modulation of ingestive behaviors in woodchucks and racoons. Nizielski SE, et al. **Physiol Behav** 1985 Feb;34(2):171–6

The role of endogenous opioids in the baroreflex dysfunction of dialysis patients. Zoccali C, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:190–4

Involvement of endogenous opioid systems in social behavior of individually-housed mice. Puglisi-Allegra S, et al. **Prog Clin Biol Res** 1984;167:209–25

On the role of endogenous opioid mechanisms in offense, defense and nociception. Rodgers RJ, et al. **Prog Clin Biol Res** 1984;167:27–41

The rise and fall of endogenous opioid nomenclature. Kitchen I. **Prog Neurobiol** 1984;22(4):345–58

Pain, nociception and spinal opioid receptors. Quirion R. **Prog Neuropsychopharmacol Biol Psychiatry** 1984;8(4–6):571–9 (81 ref.)

GABAergic and opioid regulation of the substantia nigra innominata-cortical cholinergic pathway in the rat. Wood PL, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984;8(4–6):789–92

Tourette syndrome and the opioid system [letter] Gillman MA, et al. **Psychiatry Res** 1985 Jun;15(2):161–2

Endogenous opioid system in catatonia [letter] Sandyk R. **Psychiatry Res** 1985 Jun;15(2):159

Effect of various behavioral training and testing procedures on brain beta-endorphin-like immunoreactivity and the possible role of beta-endorphin in behavioral regulation. Izquierdo I, et al. **Psychoneuroendocrinology** 1984;9(4):381–9

Opioid peptides in the adrenal pituitary axis. Evans CJ, et al. **Psychopharmacol Bull** 1985;21(3):466–71

Involvement of opioid peptides in the analgesic, immunosuppressive, and tumor-enhancing effects of stress. Lewis JW, et al. **Psychopharmacol Bull** 1985;21(3):479–84

Endorphins, immune function, and cancer. Morley JE, et al. **Psychopharmacol Bull** 1985;21(3):485–8

The Ying-Yang hypothesis of opioid peptide immunomodulation. Plotnikoff NP. **Psychopharmacol Bull** 1985;21(3):489

Central and peripheral contributions of endogenous opioid systems to nutrient selection in rats. Marks-Kaufman R, et al. **Psychopharmacology (Berlin)** 1985;85(4):414–8

Opioid but not nonopioid stress-induced analgesia is enhanced following prenatal exposure to ethanol. Nelson LR, et al. **Psychopharmacology (Berlin)** 1985;85(1):92–6

Beta-endorphin modulates immune functions. A review. Fischer EG, et al. **Psychother Psychosom** 1984;42(1–4):195–204

The hypothalamic control of the menstrual cycle and the role of endogenous opioid peptides. Ferin M, et al. **Recent Prog Horm Res** 1984;40:441–85 (129 ref.)

Endorphins and exercise. Harber VJ, et al. **Sports Med** 1984 Mar–Apr;1(2):154–71

[Pain and endorphins] van Ree JM. **Tijdschr Diergeneeskd** 1985 Jan 1;110(1):3–11 (Eng. Abstr.) (Dut)

[Endorphins and enkephalins] Gaillard RC. **Schweiz Rundsch Med Prax** 1984 Aug 28;73(35):1051–4 (Fre)

[Biologically active peptides: known compounds—new aspects. 3: Animal species-specific effects] Sander-Richter H, et al. **DTW** 1984 Nov 22;91(11–12):403–6 (58 ref.) (Eng. Abstr.) (Ger)

[Stress and the endogenous opioid system. I. Physiology and pharmacology of opioid peptides] Nieber K, et al. **Z Gesamte Inn Med** 1985 Jan 1;40(1):1–7 (Eng. Abstr.) (Ger)

[Stress and the endogenous opioid system. III. Classification of the opioid system in the process of adaptation] Nieber K, et al. **Z Gesamte Inn Med** 1985 Mar 1;40(5):133–6 (Eng. Abstr.) (Ger)

[Stress and the endogenous opioid system. II. Stress, stress models and endogenous opioid peptides] Nieber K, et al. **Z Gesamte Inn Med** 1985 Feb 1;40(3):61–5 (Eng. Abstr.) (Ger)

[Opioid mechanisms for modulating pain: descending pathways. Critical review] Bertagna G, et al. **Riv Neurol** 1984 Jul–Aug;54(4):217–34 (Eng. Abstr.) (Ita)

[Pain and opioid peptides] Oyama T. **Nippon Rinsho** 1984 Apr;42(4):907–12 (Jpn)

[The role of the pituitary in the development of electroacupuncture analgesia in rats] Iguchi Y, et al. **Nippon Yakurigaku Zasshi** 1985 Jun;85(6):453–65 (Eng. Abstr.) (Jpn)

[Participation of endogenous opioid peptides in the pathogenesis of motion sickness] Iasnetsov VV, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):164–7 (Eng. Abstr.) (Rus)

[Endorphins, enkephalins and their antagonists in clinical practice (review of the literature)] Oleĭnik VA, et al. **Vrach Delo** 1985 May;(5):80–6 (164 ref.) (Rus)

[Brain opiates and pain] Lacković Z, et al. **Lijec Vjesn** 1985 Jul;107(7):309–13 (Eng. Abstr.) (Scr)

RADIATION EFFECTS

Ionizing radiation induces opioid-mediated analgesia in male mice. Teskey GC, et al. **Life Sci** 1984 Oct 8;35(15):1547–52

SECRETION

Effect of ovine corticotrophin releasing factor, bromocriptine, and dopamine on release of ACTH and beta-endorphin in a patient with Cushing's disease. Nakashima H, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):7–12

Release of prostaglandin E2 and beta-endorphin-like immunoreactivity from rat adenohypophysis in vitro: variations after adrenalectomy or lesions of the paraventricular nuclei. Knepel W, et al. **Brain Res** 1985 Feb 4;326(1):87–94

Dopamine inhibits the release of immunoreactive beta-endorphin from rat hypothalamus in vitro. Vermes I, et al. **Brain Res** 1985 Feb 4;326(1):41–6

Nitrous oxide analgesia and the endogenous opioid system [letter] Gillman MA, et al. **Can Anaesth Soc J** 1985 Mar;32(2):200–1

Acute dopaminergic blockade by sulpiride stimulates beta-endorphin secretion in pregnant women. Abou Samra

AB, et al. **Clin Endocrinol (Oxf)** 1984 Nov;21(5):583-8

Evidence that a benzodiazepine receptor mechanism regulates the secretion of pituitary beta-endorphin in rats. Maiewski SF, et al. **Endocrinology** 1985 Aug;117(2):474-80

Corticotropin-releasing factor stimulation of adrenocorticotropin and beta-endorphin release: effects of acute and chronic stress. Young EA, et al. **Endocrinology** 1985 Jul;117(1):23-30

Apomorphine selectively stimulates opiocortin hormone release from the pars distalis in rats. Farah JM Jr, et al. **Eur J Pharmacol** 1985 Jan 8;107(3):385-8

Molecular forms of beta-endorphin in ACTH/LPH hypersecretion syndromes in man. Sheng SL, et al. **Horm Res** 1984;20(2):95-9

Inhibition by prostaglandin E2 of the release of vasopressin and beta-endorphin from rat pituitary neurointermediate lobe or medial basal hypothalamus in vitro. Knepel W, et al. **J Endocrinol** 1985 Aug;106(2):189-95

Involvement of calcium in the release of immunoreactive beta-endorphin-like peptide from dispersed cells of the neurointermediate lobe of the rat pituitary gland. Sakoda Y, et al. **Jpn J Pharmacol** 1985 Mar;37(3):259-67

Studies of naloxone-induced secretion of beta-endorphin immunoreactivity in dogs. Levin ER, et al. **Life Sci** 1984 Oct 8;35(15):1535-45

In vitro secretion of pro-opiomelanocortin (POMC) derived peptides in human ACTH-producing pituitary adenomas: evaluation of hormone ratios in different functional states. Westphal M, et al. **Mol Cell Endocrinol** 1984 Sep;37(2):145-51

Beta-endorphin and adrenocorticotropin release from rat adenohypophysis in vitro: evidence for local modulation by arachidonic acid metabolites of the cyclooxygenase and lipoxygenase pathway. Vlaskovska M, et al. **Neuroendocrinology** 1984 Oct;39(4):334-42

Changes in releasability of ACTH and beta-endorphin with chronic stress. Young E, et al. **Neuropeptides** 1985 Feb;5(4-6):545-8

Effects of nicotine on beta-endorphin, alpha MSH, and ACTH secretion by isolated perfused mouse brains and pituitary glands, in vitro. Marty MA, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):317-25

The calcium antagonist nimodipine increases beta-endorphin release from rat hypophysis through an action on adrenal glands. An 'in vivo' and 'in vitro' study. Costa G, et al. **Pharmacol Res Commun** 1984 Oct;16(10):959-68

Glucocorticoid inhibition of immunoreactive beta-endorphin release from the anterior lobe of the rat pituitary: in vitro and in vivo studies. Mueller GP, et al. **Proc Soc Exp Biol Med** 1985 Jul;179(3):338-47

Release of endogenous opioid peptides in guinea-pig duodenum and ileum. Vargas ML, et al. **Rev Esp Fisiol** 1984 Sep;40(3):389-90

[The effects of cholera toxin in the release of beta-endorphin from the dispersed cells of the rat neurointermediate lobe] Furuki Y, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Aug 20;60(8):995-1004 (Eng. Abstr.) **(Jpn)**

[Biosynthesis of pro-opiomelanocortin and secretion of its fragments by cultured bone marrow cells of mice] Dmitriev AD, et al. **Dokl Akad Nauk SSSR** 1985 May-Jun;282(1):199-202 **(Rus)**

[Immunoreactive beta-lipotropin and endorphins are secreted by the isolated alimentary complex of rats] Titov MI, et al. **Dokl Akad Nauk SSSR** 1985;281(2):497-9 **(Rus)**

THERAPEUTIC USE

Rapid antidepressant activity of destyr gamma endorphin: correlation with urinary melatonin. Chazot G, et al. **Biol Psychiatry** 1985 Sep;20(9):1026-30

Beneficial effect of gamma-endorphin-type peptides in anaphylactic shock. Amir S, et al. **Brain Res** 1985 Mar 11;329(1-2):329-33

[Prevention of heart contractile disorders in experimental infarct by using preliminary adaptation to stress exposure and opioid peptides] Meerson FZ, et al. **Kardiologiia** 1984 Sep;24(9):81-8 (Eng. Abstr.) **(Rus)**

[Lars Terenius on neuropeptides and pain: endorphins diminish stress—a curative effect? A new analgesic aimed at the spinal region (interview by Birgit Lindell)] Terenius L. **Lakartidningen** 1984 Dec 5;81(49):4650-3 **(Swe)**

[Lars Terenius about neuropeptides and pain: Endorphines alleviate stress—a curative effect? A new spinal-active analgesic insight (interview by Birgit Lindell)] Terenius L. **Nord Med** 1985;100(3):76-80 (Eng. Abstr.) **(Swe)**

ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY see **CHOLANGIOPANCREATOGRAPHY, ENDOSCOPIC RETROGRADE**

ENDOSCOPY

Endoscopic electrocoagulation of major bleeding from peptic ulcer. Wara P. **Acta Chir Scand** 1985;151(1):29-35

Endoscopic diagnosis and management of upper gastrointestinal tract bleeding. Eastwood GL. **Adv Intern Med** 1984;30:449-70 (68 ref.)

Upper gastro-intestinal endoscopy for Chinese elderly in an acute geriatric unit: a review. Lee YC, et al. **Age Ageing** 1984 Sep;13(5):285-90

Nd:YAG laser therapy for gastrointestinal bleeding due to radiation colitis. Berken CA. **Am J Gastroenterol** 1985 Sep;80(9):730-1

Endoscopic therapy of bleeding gastrointestinal hemangiomas and angiodysplasia. Bonheim NA. **Am J Gastroenterol** 1985 Sep;80(9):727-9

Endoscopic laboratory with laser: organization, safety, and equipment. Brown JH. **Am J Gastroenterol** 1985 Sep;80(9):713-4

Ethanol, aspirin, ibuprofen, and the gastroduodenal mucosa: an endoscopic assessment. Lanza FL, et al. **Am J Gastroenterol** 1985 Oct;80(10):767-9

Laser treatment of upper gastrointestinal hemorrhage. Overholt BF. **Am J Gastroenterol** 1985 Sep;80(9):721-6

Endoscopic sclerotherapy for bleeding rectal varices: a case report. Wang M, et al. **Am J Gastroenterol** 1985 Oct;80(10):779-80

Laser therapy—things to come: multiple spectra and photodynamic therapy. Wood JW. **Am J Gastroenterol** 1985 Sep;80(9):732-3

Practical considerations of endoscopic laser therapy. Wood JW. **Am J Gastroenterol** 1985 Sep;80(9):710-2

Tumor ablation by endoscopic Nd:YAG laser. Wood JW, et al. **Am J Gastroenterol** 1985 Sep;80(9):715-8

Endoscopic decompression in partial small bowel obstruction. Gowen GF. **Am J Surg** 1985 Feb;149(2):252-7

Effects of sphincteroplasty and endoscopic sphincterotomy on the bacteriologic characteristics of the common bile duct. Gregg JA, et al. **Am J Surg** 1985 May;149(5):668-71

Endoscopic surgery of the lower urinary tract. Foo KT, et al. **Ann Acad Med Singapore** 1984 Oct;13(4):604-9

Endoscopic surgery of the upper urinary tract. Segura JW, et al. **Ann Acad Med Singapore** 1984 Oct;13(4):610-5

Barium meals and endoscopy [letter] **Ann Intern Med** 1985 Feb;102(2):271-3

Choledochoscopy? Post-exploratory fluorocholangiography? Or both? Leahy AL, et al. **Ann R Coll Surg Engl** 1985 Mar;67(2):99-100

An assessment of operative choledochoscopy—a worthwhile procedure or not? May RE, et al. **Ann R Coll Surg Engl** 1985 Mar;67(2):96-8

Endoscopy of the partitioned stomach. Strodel WE, et al. **Ann Surg** 1984 Nov;200(5):582-6

Computerized 24-hour ambulatory esophageal pH monitoring and esophagogastroduodenoscopy in the reflux patient. A comparative study. Vitale GC, et al. **Ann Surg** 1984 Dec;200(6):724-8

Upper gastrointestinal tract endoscopy. Miller V, et al. **Arch Dis Child** 1984 Nov;59(11):1100-2

Functional endoscopic sinus surgery. Theory and diagnostic evaluation. Kennedy DW, et al. **Arch Otolaryngol** 1985 Sep;111(9):576-82

The role of endoscopy in evaluating patients with head and neck cancer. A multi-institutional prospective study. Leipzig B, et al. **Arch Otolaryngol** 1985 Sep;111(9):589-94

Sedation for endoscopy: a comparison between diazepam, and diazepam plus pethidine with naloxone reversal. Boldy DA, et al. **Br J Anaesth** 1984 Oct;56(10):1109-12

Choledochoscopy: are stones missed? A controlled study. Gartell PC, et al. **Br J Surg** 1984 Oct;71(10):767-9

Open access endoscopy. Jones R. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):424-6 (31 ref.)

Upper gastrointestinal endoscopy in the elderly. Lockhart SP, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):283

Angioscopy in vivo. Cortis BS, et al. **Cathet Cardiovasc Diagn** 1984;10(5):493-500

Endoscopic evaluation of the patient with head and neck cancer. Lyon ST, et al. **Clin Plast Surg** 1985 Jul;12(3):331-41

Interventional endoscopy. McSherry CK, et al. **Curr Probl Surg** 1985 Jul;22(7):1-73 (128 ref.)

Ultrasound-guided percutaneous and transhepatic cholecystostomy: a complementary procedure to therapeutic endoscopy. Dunham F, et al. **Endoscopy** 1985 Jul;17(4):153-6

Endoscopic findings in a case of Kaposi's sarcoma with involvement of the large and small bowel. Ell C, et al. **Endoscopy** 1985 Jul;17(4):161-4

Successful endoscopic treatment of extensive recurrent papillary stenosis six years after endoscopic papillotomy. Ell C, et al. **Endoscopy** 1984 Nov;16(6):246-8

Endoscopic diathermy incision in the treatment of stoma obstruction after gastroplasty for obesity. Frøyen J, et al. **Endoscopy** 1985 May;17(3):91-3

Pancreatic sphincterotomy and pancreatic endoprosthesis. Fuji T, et al. **Endoscopy** 1985 Mar;17(2):69-72

Endoscopic treatment of scar stenosis in the upper GI tract. Groitl H. **Endoscopy** 1984 Sep;16(5):168-70

Gastroduodenal cytomegalovirus infection after renal transplantation. Fiberscopic observations. Kodama T, et al. **Endoscopy** 1985 Jul;17(4):157-8

Mesenteric venous infarction presenting as an upper GI bleeding and diagnosed by upper GI endoscopy. Leiser A, et al. **Endoscopy** 1985 May;17(3):119-20

Endoscopic evaluation of the porta hepatis in patients with biliary atresia. Matsuo S, et al. **Endoscopy** 1985 Mar;17(2):54-9

Pancreatic function after endoscopic and surgical occlusion of the pancreatic duct in patients with chronic pancreatitis. Pap A, et al. **Endoscopy** 1985 Mar;17(2):60-3

Postoperative complications of gallbladder stones [letter] Rüdiger E, et al. **Endoscopy** 1985 Mar;17(2):85

Endoscopic gallstone extraction following hydrostatic balloon dilatation of stricture in the common bile duct. Stave R, et al. **Endoscopy** 1985 Jul;17(4):159-60

Microwave tissue coagulation applied clinically in endoscopic surgery. Tabuse K, et al. **Endoscopy** 1985 Jul;17(4):139-44

Endoscopic papillotomy in Caroli's disease twenty-year follow-up of a previously reported case. Trinkl W, et al. **Endoscopy** 1985 Mar;17(2):81-3

Intestinal spirochaetosis of the colon diagnosed with colono-ileoscopy and multiple biopsies. Willén R, et al. **Endoscopy** 1985 Mar;17(2):86-8

Endoscopic removal of common bile duct stones through the intact papilla after medical sphincter dilation. Staritz M, et al. **Gastroenterology** 1985 Jun;88(6):1807-11

Endoscopic prediction of major rebleeding—a prospective study of stigmata of hemorrhage in bleeding ulcer. Wara P. **Gastroenterology** 1985 May;88(5 Pt 1):1209-14

YAG laser endoscopic treatment of an esophageal and sigmoid stricture after end-to-end anastomosis stapling. Chen PC, et al. **Gastrointest Endosc** 1984 Aug;30(4):258-60

Safe extraction of a hatpin from the stomach [letter] Chobanian SJ, et al. **Gastrointest Endosc** 1984 Oct;30(5):318

Endoscopic gastrojejunostomy: a technique to establish small bowel feeding without laparotomy. Gottfried EB, et al. **Gastrointest Endosc** 1984 Dec;30(6):355-7

Large biliary prosthesis placement through a combined endoscopic and oral route. Guelrud M, et al. **Gastrointest Endosc** 1984 Dec;30(6):357-9

Cholangiography of intrahepatic bile ducts in hepatolithiasis by endoscopic placement of an indwelling balloon catheter. Ikeda S, et al. **Gastrointest Endosc** 1985 Jun;31(3):181-7

Evaluation of the larynx, hypopharynx, and nasopharynx at the time of diagnostic upper gastrointestinal endoscopy. Kozarek RA. **Gastrointest Endosc** 1985 Aug;31(4):271-3

Retrograde amnesia effects of intravenous diazepam in endoscopy patients. Liu S, et al. **Gastrointest Endosc** 1984 Dec;30(6):340-2

The National Institutes of Health grant mechanisms for gastrointestinal endoscopic research. Murphy DG, et al. **Gastrointest Endosc** 1985 Feb;31(1):42-6

Computer applications to endoscopic practice. A/S/G/E National Postgraduate Endoscopy Course II. January 19-21, 1984, San Francisco, California. Symposium. Noble JA, et al. **Gastrointest Endosc** 1985 Apr;31(2):96-102

Who should have endocarditis prophylaxis for upper gastrointestinal procedures? [editorial] Perucca PJ, et al. **Gastrointest Endosc** 1985 Aug;31(4):285-7

Informed consent and the gastrointestinal endoscopist. Plumeri PA. **Gastrointest Endosc** 1985 Jun;31(3):218-21

Percutaneous endoscopic gastrostomy and jejunostomy: endoscopic highlights. Ponsky JL. **Gastrointest Endosc** 1984 Oct;30(5):306-7

Endoscopic hemostasis: coaptive heating versus laser photocoagulation [editorial] Silverstein F. **Gastrointest Endosc** 1985 Aug;31(4):287-8

Research in gastrointestinal endoscopy. Silverstein FE. **Gastrointest Endosc** 1984 Aug;30(4):267-8

Presentation of the 1984 Rudolf Schindler Award to Joseph B. Kirsner. Waye JD. **Gastrointest Endosc** 1984 Dec;30(6):329-30

Endoscopic retrieval of miniature battery [letter] Wilson JA, et al. **Gut** 1985 Feb;26(2):215

Endoscopy in cancer diagnosis and management. Sugarbaker PH. **Hosp Pract [Off]** 1984 Nov;19(11):111-22

Endoscopic sphincterotomy in the management of obstructive biliary tract diseases—a preliminary report. Trivedi DR, et al. **Indian J Gastroenterol** 1985 Jan;4(1):23-4

Endoscopic sclerotherapy for active variceal haemorrhage in patients not responding to balloon tamponade & vasopressin. Bhargava DK, et al. **Indian J Med Res** 1985 Feb;81:175-9

Hysteroscopy versus hysterosalpingography in infertile patients. Ragni G, et al. **Int J Fertil** 1984;29(3):141-2

Therapeutic hysteroscopy in infertility. Valle RF. **Int J Fertil** 1984;29(3):143-8

Coronary angioscopy during cardiac catheterization. Spears JR, et al. **J Am Coll Cardiol** 1985 Jul;6(1):93-7

Endourology today—is stone surgery obsolete? Headstream JW, et al. **J Arkansas Med Soc** 1984 Aug;81(3):159-61

Upper gastrointestinal therapeutic endoscopy. Sud R, et al. **J Assoc Physicians India** 1985 Feb;33(2):168-72

Endoscopic study of X-rays negative dyspepsia. Meensook C. **J Med Assoc Thai** 1984 Jun;67(6):341-3

Endoscopic papillotomy for removal of common bile duct stones without cholecystectomy. Moss JG, et al. **J R Coll Surg Edinb** 1985 Apr;30(2):112-4

Hysteroscopic evaluation of endometrial cancer. Mencaglia L, et al. **J Reprod Med** 1984 Oct;29(10):701-4

Gastrointestinal endoscopy in the small community hospital. Chapman JE Jr, et al. **J Tenn Med Assoc** 1984 Dec;77(12):707-8

Endoscopic transvesical ureterotomy. Gardiner RA. **J Urol** 1985 Oct;134(4):729-32

Use of the flexible fiberoptic nephroscope in the preoperative evaluation and delayed repair of traumatic urethral strictures. Lewis RM, et al. **J Urol** 1985 Jun;133(6):1036-7

Intraoperative use of ureterorenoscope. Murchison RJ. **J Urol** 1985 Oct;134(4):728

Endourology. Segura JW. **J Urol** 1984 Dec;132(6):1079-84 (51 ref.)

Diagnostic and therapeutic technology assessment. Endoscopic transurethral nephrolithotomy. **JAMA** 1984 Dec 21;252(23):3302

Endoscopy or radiology [letter] Hentschel E. **Lancet** 1985 May 4;1(8436):1049–50

Medical-legal considerations of endoscopy. VanCura MX, et al. **Med Law** 1985;4(3):223–8

Endoscopic laser therapy for gastrointestinal disorders. Jacobs WH. **Mo Med** 1984 Sep;81(9):614–20

Laser endoscopy. Smith SB, et al. **Nebr Med J** 1985 May; 70(5):168–71

Ureteropyeloscopy. Bagley DH. **NY State J Med** 1985 May; 85(5):193

Transurethral endoscopy of the upper urinary tract. Huffman JL. **NY State J Med** 1985 May;85(5):194–5

Rigid ureteropyeloscopy. Khuri FJ, et al. **NY State J Med** 1985 May;85(5):205–6

Intraoperative choledochoscopy: an experience of five years. Salizzoni M, et al. **Panminerva Med** 1984 Oct–Dec; 26(4):229–32

Fibreoptic endoscopy: does it have a role in the investigation of upper gastrointestinal disease in Papua New Guinea? Foster HM. **Papua New Guinea Med J** 1983 Sep–Dec; 26(3–4):190–4

Upper gastrointestinal endoscopy in infants: diagnostic usefulness and safety. Hargrove CB, et al. **Pediatrics** 1984 Nov;74(5):828–31

Evaluation of velopharyngeal closure by CT scan and endoscopy. Honjo I, et al. **Plast Reconstr Surg** 1984 Nov; 74(5):620–7

Sphincter of Oddi stenosis: diagnosis using hepatobiliary scintigraphy and endoscopic manometry. Lee RG, et al. **Radiology** 1985 Sep;156(3):793–6

Diagnostic hysteroscopy after postmenopausal uterine bleeding. Cronjé HS. **S Afr Med J** 1984 Nov 17; 66(20):773–4

Observer variability in upper gastrointestinal fiber endoscopy. Kling PA, et al. **Scand J Gastroenterol** 1985 May;20(4):462–5

Abstracts of papers presented at the Eighteenth Scandinavian Conference on Gastroenterology and the Ninth Scandinavian Meeting on Gastrointestinal Endoscopy. Linköping, Sweden, 30 May–1 June 1985. **Scand J Gastroenterol [Suppl]** 1985;113:11–80

Terminology, definitions and diagnostic criteria in digestive endoscopy. With the collaboration of the members of the Terminology Committee of the World Society of Digestive Endoscopy/OMED. Mařatka Z. **Scand J Gastroenterol [Suppl]** 1984;103:1–74

Endoscopic sphincterotomy in the management of common duct stones—results of the first fifty cases. Simpson CJ, et al. **Scott Med J** 1984 Jan;29(1):32–3

Retrograde endoscopy of the bypassed stomach segment after gastric bypass surgery: unexpected lesions. Sinar DR, et al. **South Med J** 1985 Mar;78(3):255–8

Fiberendoscopic removal of foreign bodies of the upper part of the gastrointestinal tract. Ricote GC, et al. **Surg Gynecol Obstet** 1985 Jun;160(6):499–504

Endoscopic removal of an intragastric Angelchik antireflux prosthesis. Schultz KA, et al. **Surgery** 1985 Feb;97(2):234–6

Setting up a gastrointestinal endoscopy unit. Kamath PS, et al. **Trop Gastroenterol** 1985 Jan–Mar;6(1):37–52

Endoscopic sphincterotomy and gall stone removal. O'Connor F. **Ulster Med J** 1983;52(2):101–6

Retrograde brushing and nephroscopy in the diagnosis of upper-tract urothelial cancer. Gittes RF. **Urol Clin North Am** 1984 Nov;11(4):617–22

Endoscopic vesicourethropexy. Experience and complications. Diaz DL, et al. **Urology** 1984 Oct; 24(4):321–3

[Sinoscopy in the diagnosis and treatment of diseases of the paranasal sinuses] Břeh J, et al. **Cesk Otolaryngol** 1985 Mar; 34(2):76–8 (Eng. Abstr.) (Cze)

[Sinusocopy in children and adolescents] Břeh J, et al. **Cesk Otolaryngol** 1985 Jun;34(3):188–91 (Eng. Abstr.) (Cze)

[Endoscopy of the maxillary sinuses] Jelínek R, et al. **Cesk Otolaryngol** 1985 Mar;34(2):79–82 (Eng. Abstr.) (Cze)

[Sinoscopy in injuries of the paranasal sinuses] Pihrt J. **Cesk Otolaryngol** 1984 Jul;33(4):232–4 (Eng. Abstr.) (Cze)

[Peroperative endoscopy of the small intestine in recurring hemorrhage due to angiodysplasia] Spičák J, et al. **Sb Lek** 1984 Jun;86(5–6):171–5 (Eng. Abstr.) (Cze)

[Current developments in the field of endoscopy in the treatment of digestive system disorders] van Hees PA. **Tijdschr Gerontol Geriatr** 1984 Oct;15(5):181–8 (Eng. Abstr.) (Dut)

[Endoscopic sclerotherapy of esophageal varices] Laitinen S, et al. **Duodecim** 1984;100(14):849–54 (Fin)

[Diagnostic and therapeutic possibilities with the ureterorenoscope. Preliminary results] Keuppens F, et al. **Acta Urol Belg** 1984;52(4):532–7 (Eng. Abstr.) (Fre)

[Upper digestive fibroscopy: variations in blood gastrins and blood cortisol] Dessypris A, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Mar–Apr; 20(2):85–6 (Fre)

[Perioperative ureteroscopy] Mangin P, et al. **Ann Urol (Paris)** 1985;19(4):277–9 (Eng. Abstr.) (Fre)

[Endoscopy, fiber optics and video] Lambert R. **Gastroenterol Clin Biol** 1985 Mar;9(3):228–34 (Fre)

[Esophagogastroduodenal endoscopy in diagnosis in tropical areas. Apropos of 3000 studies performed in adults] Aubry P, et al. **Med Trop (Mars)** 1984 Jul–Sep;44(3):231–9 (Eng. Abstr.) (Fre)

[Endoscopy in upper digestive hemorrhage] Ramond MJ, et al. **Presse Med** 1984 Oct 13;13(36):2179–81 (Fre)

[Removal of ureteral calculi by uteroscopy] Vallancien G, et al. **Presse Med** 1985 Apr 20;14(16):889–92 (Eng. Abstr.) (Fre)

[Hysteroscopy-curettage under local anesthesia in the exploration of abnormal uterine bleeding] Dargent D, et al. **Rev Fr Gynecol Obstet** 1984 Apr;79(4):293–6 (Eng. Abstr.) (Fre)

[Value of tracheobronchial endoscopy in facial burns] Ramon P, et al. **Rev Mal Respir** 1985;2(2):97–101 (Eng. Abstr.) (Fre)

[Endoscopic occlusion of a tumor-caused esophago-mediastinal fistula with a rapidly hardening amino acid solution (letter)] Riemann JF. **Dtsch Med Wochenschr** 1985 Mar 8;110(10):396 (Ger)

[Mucous membrane changes in the anterior ethmoid bone in chronic sinusitis and mycoses of the paranasal sinuses. An endoscopy, light and electron microscopy study. 1. Endoscopy and light microscopy findings] Stammberger H. **Laryngol Rhinol Otol (Stuttg)** 1985 Feb;64(2):107–12 (Ger)

[Varied importance of endoscopic polypectomy as prevention of cancer in the stomach and colon] Schütze K, et al. **Leber Magen Darm** 1984 Jan;14(1):31–3 (Eng. Abstr.) (Ger)

[Gray areas in endoscopic papillotomy] Bühler H. **Schweiz Rundsch Med Prax** 1984 Oct 16;73(42):1267–70 (Eng. Abstr.) (Ger)

[Results of endoscopic implantation of large luminal biliary endoprostheses] van Husen N, et al. **Schweiz Rundsch Med Prax** 1984 Oct 16;73(42):1285–6 (Eng. Abstr.) (Ger)

[Operative complications in transurethral operations: causes and prevention] Mauermayer W. **Urologe [A]** 1985 Jul; 24(4):180–3 (Eng. Abstr.) (Ger)

[39th annual meeting of the German Society for Digestive and Metabolic Diseases in conjunction with the 16th annual meeting of the German Society for Gastroenterologic Endoscopy. Berlin, 4–6 October 1984. Abstracts] **Z Gastroenterol** 1984 Sep;22(9):423–562 (Ger)

[Experiences with emergency endoscopic diagnosis in upper gastrointestinal hemorrhage] Legler E. **Z Gesamte Inn Med** 1985 Jul 1;40(13):399–403 (Eng. Abstr.) (Ger)

[Endoscopy supported biochemical pancreatic differential diagnosis within the scope of a diagnosis strategy] Neymeyer HG, et al. **Z Med Lab Diagn** 1985;26(2):101–7 (Eng. Abstr.) (Ger)

[Hysteroscopy—a method of diagnosis and treatment] Lancet M, et al. **Harefuah** 1984 Sep;107(5–6):115–9 (Eng. Abstr.) (Heb)

[Indications for diagnostic and surgical digestive endoscopy in childhood: personal clinical experience] Scuto S, et al. **Acta Biomed Ateneo Parmense** 1985;56(2):69–72 (Eng. Abstr.) (Ita)

[Transcutaneous treatment of residual/recurrent calculosis of the bile ducts] Faggioni A, et al. **Minerva Chir** 1985 Apr 15;40(7):489–94 (Eng. Abstr.) (Ita)

[Non-surgical treatment of recurrent and/or residual calculosis of the bile ducts] Oselladore D, et al. **Minerva Chir** 1985 Apr 15;40(7):495–9 (Ita)

[Endoscopy in ulcerated carcinoma of the stomach and differential diagnostic and prognostic considerations] Fayenz S. **Minerva Dietol Gastroenterol** 1985 Apr–Jun; 31(2):205–20 (Eng. Abstr.) (Ita)

[Endoscopy in the differential diagnosis of peptic and neoplastic ulcer of the stomach] Fayenz S. **Minerva Dietol Gastroenterol** 1985 Apr–Jun;31(2):191–203 (Eng. Abstr.) (Ita)

[Importance of hysteroscopic diagnosis in uterine pathology] Osnengo G, et al. **Minerva Ginecol** 1984 Jul–Aug; 36(7–8):439–42 (Eng. Abstr.) (Ita)

[Pediatric digestive endoscopy: personal experience] Paterlini A, et al. **Pediatr Med Chir** 1983 Nov–Dec;5(6):543–5 (Eng. Abstr.) (Ita)

[Progress and focal points discussed at the Japanese Committee on Pediatric Endoscopy] Ishida H, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1183–7 (Eng. Abstr.) (Jpn)

[Advances in gastroenterological endoscopy] Takemoto T. **Nippon Rinsho** 1984 Oct;42(10):2191–4 (Jpn)

[Therapeutic endoscopy of the upper portions of the digestive tract (review of the foreign literature since 1979)] Bachev II. **Klin Med (Mosk)** 1984 Dec;62(12):29–32 (51 ref.) (Rus)

[Organization of endoscopic examinations of outpatients and inpatients] Sotnikov VN. **Sov Zdravookhr** 1984;(11):33–7 (Eng. Abstr.) (Rus)

[A method of endoscopic removal of foreign bodies from the esophagus, stomach and duodenum] Sotnikov VN. **Vestn Khir** 1985 Mar;134(3):110–3 (Rus)

[Roentgenologist or roentgenoendoscopist?] Sapranov BN. **Vestn Rentgenol Radiol** 1985 Mar–Apr;(2):75–6 (Rus)

[Intracranial endoscopy (review of the literature)] Lebedev VV, et al. **Zh Vopr Neirokhir** 1985 Mar–Apr;(2):52–7 (29 ref.) (Rus)

[Relation of endoscopic and surgical findings in patients with hemorrhage into the upper part of the digestive tract] Bátovský M, et al. **Vnitr Lek** 1984 Sep;30(9):871–6 (Eng. Abstr.) (Slo)

[Endoscopic surgery of lithiasis of the upper urinary tract] Vicente J, et al. **Actas Urol Esp** 1984 Sep–Oct;8(5):345–52 (Eng. Abstr.) (Spa)

[General and urinary endoscopy] Puigvert A. **Arch Esp Urol** 1984 Dec;37 Suppl 2:551–7 (Spa)

[Experience with diagnostic hysteroscopy] Garcia JA. **Rev Chil Obstet Ginecol** 1983;48(5):310–23 (Eng. Abstr.) (Spa)

[Use of endoscopy in the diagnosis of digestive hemorrhage (letter)] Marcos Sánchez F, et al. **Rev Clin Esp** 1985 May; 176(9):479–80 (Spa)

[Re-evaluation of the time and opportunity for fibroscopy in the diagnosis of upper digestive hemorrhage] Campra JL. **Rev Fac Cien Med Univ Nac Cordoba** 1983;41(2):21–3 (Spa)

[Panendoscopy] Elizondo Rivera J, et al. **Rev Gastroenterol Mex** 1984 Jul–Sep;49(3):151–6 (Eng. Abstr.) (Spa)

[Fibroendoscopic extraction of ingested foreign bodies in 47 cases] Kirberg A. **Rev Med Chil** 1984 Aug;112(8):790–6 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

Bleeding after endoscopic sphincterotomy. Goodall RJ. **Ann R Coll Surg Engl** 1985 Mar;67(2):87–8

Endoscopic evaluation of slow-release potassium chloride preparations. Kendall C, et al. **Clin Pharmacol Ther** 1985 Jul;38(1):28–30

Acute gastric dilatation following upper gastrointestinal endoscopy. Ahmed ME, et al. **Endoscopy** 1985 May; 17(3):117–8

Cardiopulmonary risk of esophagogastroduodenoscopy. Role of endoscope diameter and systemic sedation. Lieberman DA, et al. **Gastroenterology** 1985 Feb;88(2):468–72

Necrosis of the uvula after endoscopy [letter] Fich A, et al. **Gastrointest Endosc** 1984 Oct;30(5):317

The effect of upper gastrointestinal endoscopy on arterial O2 tension in smokers and nonsmokers with and without premedication. Pecora AA, et al. **Gastrointest Endosc** 1984 Oct;30(5):284–8

Percutaneous endoscopic gastrostomy: another cause of 'benign' pneumoperitoneum. Stassen WN, et al. **Gastrointest Endosc** 1984 Oct;30(5):296–8

Complications of endoscopic sphincterotomy in patients with intact gallbladder [letter] Tulassay Z, et al. **Gastrointest Endosc** 1985 Apr;31(2):111–2

Incidence of bacteremia with elective upper gastrointestinal endoscopic laser therapy. Wolf D, et al. **Gastrointest Endosc** 1985 Aug;31(4):247–50

Air embolism, a new complication of percutaneous nephrolithotomy. What are the implications? Miller RA, et al. **J Urol (Paris)** 1984;90(5):337–9

Management of perforations of the hypopharynx and cervical esophagus. Shockley WW, et al. **Laryngoscope** 1985 Aug; 95(8):939–41

[Perforation of the esophagus with a flexible endoscope] Lippert S, et al. **Ugeskr Laeger** 1984 Sep 24;146(39):2939–41 (Eng. Abstr.) (Dan)

[Fungus growth in the choledochus after endoscopic papillotomy (letter)] Höchter W, et al. **Dtsch Med Wochenschr** 1985 Sep 20;110(38):1473–4 (Ger)

[How early may endoscopy be performed in an anastomosis?] Rückauer K, et al. **Schweiz Rundsch Med Prax** 1984 Oct 30;73(44):1349–50 (Eng. Abstr.) (Ger)

[Complication of ureterorenoscopy] Heinrichs B, et al. **Urologe [A]** 1985 Jul;24(4):195–7 (Eng. Abstr.) (Ger)

[Endoscopy of the upper gastrointestinal tract: changes in the concentration of vasoactive intestinal polypeptide and gastrin?] Bauer FE, et al. **Wien Med Wochenschr** 1984 Aug 31;134(15–16):355–9 (Eng. Abstr.) (Ger)

[A rare complication of esophagogastroduodenoscopy] Pricolo R, et al. **Minerva Dietol Gastroenterol** 1985 Apr–Jun;31(2):339–42 (Eng. Abstr.) (Ita)

ECONOMICS

The cost of gastrointestinal endoscopy [letter] Taller SL. **Ann Intern Med** 1985 Mar;102(3):415

EDUCATION

The case for surgical training in gastrointestinal endoscopy [letter] Kukora JS, et al. **Am J Gastroenterol** 1984 Nov; 79(11):907–9

Surgeons and gastrointestinal endoscopy [letter] Silen W. **Am J Gastroenterol** 1985 Mar;80(3):232–3

Endoscopic training in the academic GI program. Program Directors Workshop, March 29 and 30, 1984, Atlanta, Georgia. What the endoscopy training program should be—and do. Boyce HW Jr. **Gastrointest Endosc** 1984 Dec; 30(6):364–6

Endoscopic training in the academic GI program. Program Directors Workshop, March 29 and 30, 1984, Atlanta, Georgia. The fiberoptic training program in an academic department of surgery. Dent TL, et al. **Gastrointest Endosc** 1984 Dec;30(6):367–8

Endoscopic training in the academic GI program. Program Directors Workshop, March 29 and 30, 1984, Atlanta, Georgia. On balance: endoscopic training as part of the academic postgraduate gastroenterology fellowship. Hogan WJ, et al. **Gastrointest Endosc** 1984 Dec;30(6):362–4

Endoscopic training in the academic GI program. Program

Directors Workshop, March 29 and 30, 1984, Atlanta, Georgia. How the GI pathologist can interact best with the GI trainee. Yardley JH, et al. **Gastrointest Endosc** 1984 Dec;30(6):368–71

[Improvement in teaching endoscopic interventions in the development of video-recording systems] Braun J, et al. **Helv Chir Acta** 1984 Oct;51(3–4):425–8 (Eng. Abstr.) **(Ger)**

HISTORY

[Urinary endoscopy] Puigvert A. **Actas Urol Esp** 1985;Spec No:35–8 **(Spa)**

INSTRUMENTATION

Endoscopic evacuation of intracerebral haemorrhage. High-tec-surgical treatment—a new approach to the problem? Auer LM. **Acta Neurochir (Wien)** 1985; 74(3–4):124–8

Fibrescopes in urology. Fowler CG. **Br J Hosp Med** 1984 Oct;32(4):202–5

A new endoscopic balloon for sclerotherapy in active bleeding from esophageal varices. Sciaretta G, et al. **Endoscopy** 1985 May;17(3):113–4

Simple aid to ureteroscopy. Webb DR, et al. **Eur Urol** 1985; 11(1):57–8

Flexible cystourethroscopy: advantages and limitations. Webb DR, et al. **Eur Urol** 1984;10(5):336–7

An electrifying endoscopy (suite) experience [letter] Horsley J, et al. **Gastrointest Endosc** 1985 Feb;31(1):54

Endoscopic biliary prostheses: a comparison of materials. Leung JW, et al. **Gastrointest Endosc** 1985 Apr;31(2):93–5

Xenon lamps increase infrared radiation from the fiberoptic bundle [letter] Patton RF. **Gastrointest Endosc** 1985 Feb; 31(1):56

A balloon designed for endoscopic variceal sclerotherapy. Sievert CE Jr, et al. **Gastrointest Endosc** 1984 Aug; 30(4):255–7

The relationship of bacteremia to the length of injection needle in endoscopic variceal sclerotherapy. Snady H, et al. **Gastrointest Endosc** 1985 Aug;31(4):243–6

Endoscopic ultrasonography: a preliminary report. Thatcher BS, et al. **Gastrointest Endosc** 1985 Aug;31(4):237–42

Comparison of weight, depth, and diagnostic adequacy of specimens obtained with 16 different biopsy forceps designed for upper gastrointestinal endoscopy. Danesh BJ, et al. **Gut** 1985 Mar;26(3):227–31

Disinfection of a new generation of fibre-endoscopes [letter] Meuwissen SG, et al. **J Hosp Infect** 1984 Dec;5(4):460–1

Endourology—a continuum. Morris TM, et al. **J Miss State Med Assoc** 1985 Jan;26(1):1–4

Endoscopic instrument holder. Handler SD. **Otolaryngol Head Neck Surg** 1985 Feb;93(1):137–8

Olfactometry in Japan (II). Roentgenologic and endoscopic observations of the olfactory cleft. Zusho H. **Rhinology** 1984 Sep;22(3):211–5

An endoscopic Doppler probe for assessing intestinal vasculature. Martin RW, et al. **Ultrasound Med Biol** 1985 Jan–Feb;11(1):61–9

An endoscopic Doppler probe: preliminary clinical evaluation. Silverstein FE, et al. **Ultrasound Med Biol** 1985 Mar–Apr;11(2):347–53

Usefulness of fiberoptic pyeloureteroscope in the diagnosis of the upper urinary tract lesions. Aso Y, et al. **Urol Int** 1984;39(6):355–7

Physical characteristics of percutaneous nephroscopes. Khasidy LR, et al. **Urology** 1985 Jul;26(1):37–9

Nephroscopy. Kandzari SJ, et al. **W Va Med J** 1985 Mar; 81(3):53–7

Endoscopic methods for relief of malignant obstructive jaundice. Cotton PB. **World J Surg** 1984 Dec;8(6):854–61

Endoscopic balloon tamponade for conservative management of severe hemorrhage following endoscopic sphincterotomy. Staritz M, et al. **Z Gastroenterol** 1984 Nov; 22(11):644–6

[Retrograde ureteropyeloscopy. Preliminary results] Hansen RI, et al. **Ugeskr Laeger** 1984 Jun 11;146(24):1791–3 (Eng. Abstr.) **(Dan)**

[Glass fiber or chip? The new electronic endoscopes] Classen M. **Dtsch Med Wochenschr** 1985 Apr 12;110(15):567–9 **(Ger)**

[Percutaneous nephrolithotomy and litholapaxy. Endoscopic destruction and removal of kidney calculi] Baumüller A, et al. **Fortschr Med** 1984 Sep 27;102(36):900–2 (Eng. Abstr.) **(Ger)**

[Format filling photodocumentation with the flexible endoscope Olympus ENF-P using a new objective combination] Mertens J. **HNO** 1985 Jul;33(7):328–31 (Eng. Abstr.) **(Ger)**

[Flexible fiber endoscopy in ENT] Yamashita K, et al. **HNO** 1984 Sep;32(9):378–84 (Eng. Abstr.) **(Ger)**

[Helium-neon laser—a possibility for the topodiagnosis of tracheal stenoses] Weidauer H, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jan;64(1):43–5 (Eng. Abstr.) **(Ger)**

[New technics] Classen M, et al. **Leber Magen Darm** 1984 Jan;14(1):42 **(Ger)**

[Palliative therapy of esophagus cancer with an endoscopically implanted endoprosthesis] Gehrig J, et al. **Schweiz Med Wochenschr** 1985 Apr 27;115(17):587–91 (Eng. Abstr.) **(Ger)**

[Potential danger to pacemaker patients during transurethral operations. Clinical and experimental studies] Zink RA, et al. **Urologe [A]** 1985 Jul;24(4):175–9 (Eng. Abstr.) **(Ger)**

[Limits of percutaneous calculus surgery. Results and new possibilities of the percutaneous approach to the kidney] Korth K. **Urologe [Ausg A]** 1984 Nov;23(6):302–7 (Eng. Abstr.) **(Ger)**

[Endoscopic treatment of ureteral calculi] Marberger M. **Urologe [Ausg A]** 1984 Nov;23(6):308–16 (Eng. Abstr.) **(Ger)**

[Argon dye laser endoscopy: apparatus and technics] Mimura S, et al. **Nippon Rinsho** 1984 Oct;42(10):2265–71 **(Jpn)**

[Study of the movements of flexible endoscopes] Churkin AA, et al. **Med Tekh** 1984 Nov–Dec;(6):29–31 (Eng. Abstr.) **(Rus)**

[Study of the bending and torsion rigidity of the flexible elements of endoscopes] Nemirovskii ME, et al. **Med Tekh** 1984 Nov–Dec;(6):31–4 (Eng. Abstr.) **(Rus)**

[New models of endoscopes (EGDB-VO-4, SK-VO-4)] Nemirovskii ME, et al. **Med Tekh** 1985 Mar–Apr;(2):54–7 (Eng. Abstr.) **(Rus)**

[Transurethral ureter-renoscopy. Past, present and future] Pérez-Castro Ellendt E, et al. **Arch Esp Urol** 1984 Dec; 37 Suppl 2:725–40 (Eng. Abstr.) **(Spa)**

[Endoscopic echography. Its possibilities] Franquelo Villalonga E, et al. **Rev Esp Enferm Apar Dig** 1985 Mar; 67(3):295–7 (Eng. Abstr.) **(Spa)**

METHODS

A method for epiduroscopy and spinaloscopy. Presentation of preliminary results. Blomberg R. **Acta Anaesthesiol Scand** 1985 Jan;29(1):113–6

A method for measuring the size of the gastric outlet in obesity surgery. Näslund I. **Acta Chir Scand** 1984; 150(5):399–404

'Hysteroscopy and female sterility: analysis of the results from 213 patients'. La Sala GB, et al. **Acta Eur Fertil** 1985 Jan–Feb;16(1):47–9

Therapeutic gastrointestinal endoscopy. Sundar SB, et al. **Ala Med** 1985 May;54(11):38–41

Endoscopic laser symposium. **Am J Gastroenterol** 1985 Sep; 80(9):709–33

Endoscopic Yag laser therapy in a community hospital. Jacobs WH. **Am J Gastroenterol** 1985 Apr;80(4):270–3

Choledochoscopy in common bile duct surgery for choledocholithiasis: A must: Eight years experience in 441 consecutive patients. Escat J, et al. **Am Surg** 1985 Mar; 51(3):166–7

Detection of occult gallbladder disease by duodenal drainage collected endoscopically. A clinical and pathologic correlation. Susann PW, et al. **Am Surg** 1985 Mar; 51(3):162–5

Pediatric endoscopy: a review of 616 cases. Friedman EM, et al. **Ann Otol Rhinol Laryngol** 1984 Sep–Oct;93(5 Pt 1):517–9

Multiview videoendoscopic evaluation of velopharyngeal physiology in 15 normal speakers. Karnell MP, et al. **Ann Otol Rhinol Laryngol** 1985 Jul–Aug;94(4 Pt 1):361–5

Delineation of peripheral and coronary detail by intraoperative angioscopy. Grundfest WS, et al. **Ann Surg** 1985 Sep;202(3):394–400

Endoscopic sphincterotomy for common bile duct calculi. Askew AR, et al. **Aust NZ J Surg** 1984 Oct;54(5):457–9

The impact of transurethral ureteroscopy on the management of ureteric calculi. Ford TF, et al. **Br J Urol** 1984 Dec; 56(6):602–3

Low cost endoscopic photography. Gingell JC, et al. **Br J Urol** 1984 Aug;56(4):442–3

Endoscopic ultrasonography: a new look from within [editorial] Cotton PB, et al. **Br Med J [Clin Res]** 1985 May 11;290(6479):1373–4

Endoscopic control of upper gastrointestinal bleeding. Himal HS. **Can J Surg** 1985 Jul;28(4):305–8 (53 ref.)

Angioscopic visualization of blood vessel interior in animals and humans. Litvack F, et al. **Clin Cardiol** 1985 Feb; 8(2):65–70

Endoscopic findings after string-capsule test [letter] Bussalleu AJ, et al. **Dig Dis Sci** 1985 Apr;30(4):409–10

Endoscopy in basic research. Demling L. **Endoscopy** 1985 Jan;17(1):1–4

Floating pancreatic duct concrements in chronic pancreatitis. Pain relief by endoscopic removal. Schneider MU, et al. **Endoscopy** 1985 Jan;17(1):8–10

Endoscopic ultrasonography in the assessment of intra- and transmural infiltration of tumours in the oesophagus, stomach and papilla of Vater and in the detection of extraoesophageal lesions. Tio TL, et al. **Endoscopy** 1984 Nov;16(6):203–10

Pleural effusions after endoscopic variceal sclerotherapy. Bacon BR, et al. **Gastroenterology** 1985 Jun;88(6):1910–4

Enteroscopy and small bowel biopsy—an improved technique for the diagnosis of small bowel disease. Barkin JS, et al. **Gastrointest Endosc** 1985 Jun;31(3):215–7

Jejunal leiomyoma: an endoscopic diagnosis. Hashmi MA, et al. **Gastrointest Endosc** 1985 Apr;31(2):81–3

Percutaneous endoscopic gastrostomy—technical suggestions [letter] Longstreth GF, et al. **Gastrointest Endosc** 1985 Jun; 31(3):226

Percutaneous renal stone extraction: experience with one stage procedures. Olson EW, et al. **Indiana Med** 1985 May; 78(5):393–8

Hysteroscopy: choosing distending media. Quiñones RG. **Int J Fertil** 1984;29(2):129–32

Fiberoptic antroscopy. Pogrel MA. **J Oral Maxillofac Surg** 1985 Feb;43(2):139–42

Indications and techniques of upper gastrointestinal endoscopy in infants and children. Gandhi RP, et al. **J Pediatr Surg** 1984 Aug;19(4):446–8

Use of contact hysteroscopy in evaluating postpartum bleeding and incomplete abortion. Tchabo JG. **J Reprod Med** 1984 Oct;29(10):749–51

Endoscopic ureteropyelostomy: opening the obliterated ureteropelvic junction with nephroscopy and flexible ureteropyeloscopy. Bagley DH, et al. **J Urol** 1985 Mar; 133(3):462–4

Early experience with direct vision electrohydraulic lithotripsy of ureteral calculi. Green DF, et al. **J Urol** 1985 May;133(5):767–70

The use of topical cocaine to prevent laryngospasm after general anesthesia on endoscopy procedures. Colman MF, et al. **Laryngoscope** 1985 Apr;95(4):474

Use of the ureteroscope in ureteral calculus manipulation. Meagher MJ. **Med J Aust** 1984 Aug 18;141(4):233–5

Endoscopic balloon dilatation of biliary strictures. Willett IR, et al. **Med J Aust** 1985 Sep 2;143(5):208–10

Fluorometer for endoscopic diagnosis of tumors. Profio AE, et al. **Med Phys** 1984 Jul–Aug;11(4):516–20

Interventional endoscopy in diseases of the biliary tree and pancreas. Siegel JH. **Mt Sinai J Med (NY)** 1984 Jul–Aug; 51(4):535–42

The diagnostic possibilities of a modified hysteroscopic technique. Duncan GR, et al. **NZ Med J** 1985 Feb 27; 98(773):101–3

Microhysteroscopy: a new approach to the diagnosis of cervical intraepithelial neoplasia [letter] Indman PD. **Obstet Gynecol** 1985 Apr;65(4):602–4

Bimanual endoscopic orbital biopsy. An emerging technique. Norris JL, et al. **Ophthalmology** 1985 Jan;92(1):34–8

Subcutaneous endoscopy in suction lipectomy. Teimourian B, et al. **Plast Reconstr Surg** 1984 Nov;74(5):708–11

Endoscopy in gastrointestinal disease. Procedures that offer an alternative to surgery. Balart LA. **Postgrad Med** 1985 May 1;77(6):179–85

Percutaneous removal of ureteral calculi: clinical and experimental results. Hunter DW, et al. **Radiology** 1985 Aug;156(2):341–8

The spectrum of therapeutic endoscopy. Marshall JB, et al. **SD J Med** 1985 Jun;38(6):5–10

Endoscopic visualization of the supravesical urinary tract: transurethral ureteropyeloscopy and percutaneous nephroscopy. Huffman JL, et al. **Semin Urol** 1985 Feb; 3(1):60–75 (50 ref.)

Television choledochoscopy. Berci G, et al. **Surg Gynecol Obstet** 1985 Feb;160(2):176–7

Percutaneous endoscopic treatment of fungus ball obstruction in a renal allograft. Ireton RC, et al. **Transplantation** 1985 Apr;39(4):453–4

Endoscopic treatment of complete urethral obstruction using thin trocar. Chiou RK, et al. **Urology** 1985 May;25(5):475–8

[Endoscopy and photodocumentation of the nasopharynx and larynx in children] Hložek Z, et al. **Cesk Otolaryngol** 1985 Jan;34(1):55–8 (Eng. Abstr.) **(Cze)**

[Contribution of peroperative choledoscopy to the surgery of lithiasis of the common bile duct] Jebira A, et al. **Tunis Med** 1984 Dec;62(8):577–81 (Eng. Abstr.) **(Fre)**

[Endoscopic occlusion treatment in patients with chronic pancreatitis] Flautner L, et al. **Chirurg** 1985 Jan;56(1):36–40 (Eng. Abstr.) **(Ger)**

[Non-operative treatment of ureteral calculi using ureterorenoscopy] Schmeller NT, et al. **Fortschr Med** 1984 Sep 27;102(36):895–9 (Eng. Abstr.) **(Ger)**

[Results of diagnostic hysteroscopies in an in vitro fertilization/embryo transfer program] Bordt J, et al. **Geburtshilfe Frauenheilkd** 1984 Dec;44(12):813–5 (Eng. Abstr.) **(Ger)**

[Splenosis: a rare cause for pelvic pain (diagnosis and modern therapy with pelviscopy). A case report] Dietl J, et al. **Geburtshilfe Frauenheilkd** 1985 Jan;45(1):57–8 (Eng. Abstr.) **(Ger)**

[Therapy of gastrointestinal tumors with laser] Sander R, et al. **Internist (Berlin)** 1985 Jan;26(1):22–8 **(Ger)**

[Perilymph fistulas—symptoms and indications for tympanoscopy] Lamprecht A, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jan;64(1):13–6 (Eng. Abstr.) **(Ger)**

[Results of fluorescein nose endoscopy in the diagnosis of cerebrospinal rhinorrhea] Reck R, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Jul;63(7):353–5 (Eng. Abstr.) **(Ger)**

[Endoscopic problems of the hypopharynx and the upper end of the esophagus] Riedi J. **Schweiz Rundsch Med Prax** 1984 Sep 4;73(36):1076–9 (13 ref.) (Eng. Abstr.) **(Ger)**

[Complications of percutaneous kidney surgery—prevention and control] Heinrichs [illegible] et al. **Urologe [A]** 1985 May; 24(3):132–6 (Eng. Abstr.) **(Ger)**

[Endoscopic subfascial discussion of perforating veins—preliminary report] Hauer G. **Vasa** 1985;14(1):59–61 (Eng. Abstr.) **(Ger)**

[Ambulatory diagnostic hysteroscopy: our experience with Hamou's microhysteroscopy in 676 patients] La Sala GB, et al. **Ann Ostet Ginecol Med Perinat** 1984 Sep–Oct; 105(5):300–7 (Eng. Abstr.) **(Ita)**

[Early diagnosis of endometrial carcinoma. Introduction of hysteroscopy] de Cesare E, et al. **Minerva Ginecol** 1985

Mar;37(3):93-7 (Eng. Abstr.) (Ita)

[Role of microcolpohysteroscopy in the diagnosis and therapy of intraepithelial cervical neoplasms] Guerra B, et al. **Minerva Ginecol** 1984 Sep;36(9):487-91 (Eng. Abstr.) (Ita)

[An intraoperative anterograde coronary fiberscopy through the ascending aorta] Itaoka T, et al. **Kyobu Geka** 1984 Nov; 37(12):931-3 (Eng. Abstr.) (Jpn)

[Ultrasonic endoscopy for pancreatic diseases] Fuji T, et al. **Nippon Rinsho** 1984 Oct;42(10):2245-8 (Jpn)

[Endoscopic sphincterotomy] Ikeda S, et al. **Nippon Rinsho** 1984 Oct;42(10):2317-21 (Jpn)

[Ultrasonic endoscopy] Kanazawa N, et al. **Nippon Rinsho** 1984 Oct;42(10):2235-8 (Jpn)

[Ultrasonic endoscopy] Kimoto E, et al. **Nippon Rinsho** 1984 Oct;42(10):2231-4 (Jpn)

[Percutaneous transhepatic cholangioscopy: technics and clinical studies] Nimura Y. **Nippon Rinsho** 1984 Oct; 42(10):2222-7 (Jpn)

[Advances in endoscopy of the small intestine] Ono T, et al. **Nippon Rinsho** 1984 Oct;42(10):2351-5 (Jpn)

[Technics of peroral cholangioscopy and its clinical application] Sakai H, et al. **Nippon Rinsho** 1984 Oct; 42(10):2217-21 (Jpn)

[Endoscopy with staining and its clinical application] Suzuki S, et al. **Nippon Rinsho** 1984 Oct;42(10):2195-200 (Jpn)

[Endoscopy with staining] Tatsuta M, et al. **Nippon Rinsho** 1984 Oct;42(10):2201-5 (Jpn)

[Ultrasonic endoscopy for digestive diseases] Yamanaka T, et al. **Nippon Rinsho** 1984 Oct;42(10):2239-44 (Jpn)

[Clinical evaluation of ultrasonic endoscopy for hepatic, pancreatic and biliary tract diseases] Yasuda K, et al. **Nippon Rinsho** 1984 Oct;42(10):2249-58 (Jpn)

[Non-surgical procedure of choledochocholecystolithotomy] Akiyama H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Aug;81(8):1863-6 (Jpn)

[Therapeutic gastrointestinal endoscopy] Rosseland AR, et al. **Tidsskr Nor Laegeforen** 1985 Jun 20;105(17-18):1234-9 (Eng. Abstr.) (Nor)

[Transillumination choledochoscopy in biliary tract surgery] Mareev IuS, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):49-52 (Eng. Abstr.) (Rus)

PSYCHOLOGY

[Does music alleviate endoscopy? A controlled study in 60 patients (letter)] Trinchet JC, et al. **Gastroenterol Clin Biol** 1985 Jan;9(1):86-7 (Fre)

[To penetrate, to look at and to see. Observations of a psychiatrist on endoscopy] Miéville C. **Rev Med Suisse Romande** 1984 Dec;104(12):967-73 (Fre)

STANDARDS

Endoscopic measurements of gastric mucosal blood flow in dogs. Ashley SW, et al. **J Surg Res** 1985 May;38(5):416-23

[The evaluation of uterine endocervical lesions by cervicoscopy of lateral view type (clinical advantages for reduction of traditional surgical management of uterine cervical cancer)] Katayama S. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1884-92 (Eng. Abstr.) (Jpn)

TRENDS

Gastrointestinal endoscopy in the 1980s: cost, challenge, and change. Overholt BF. **Gastrointest Endosc** 1984 Dec; 30(6):325-8

Gastrointestinal endoscopy outside teaching hospitals [editorial] Goy JA. **Med J Aust** 1985 Sep 2;143(5):179-80

[Video-endoscopy without fiber optics—the future?] Hagenmüller F, et al. **Internist (Berlin)** 1985 Jan;26(1):29-31 (Ger)

[10 years of endoscopy at the University Department of Surgery in Graz] Giebler A, et al. **Wien Klin Wochenschr** 1985 Mar 15;97(6):269-74 (Eng. Abstr.) (Ger)

UTILIZATION

Who should do gastrointestinal endoscopy? [letter] Dagradi AE. **Am J Gastroenterol** 1985 Aug;80(8):658

Intraoperative biliary endoscopy (choledochoscopy) in California hospitals. Shulman AG, et al. **Am J Surg** 1985 Jun;149(6):703-4

The endoscopy explosion. An occasional paper. McLeish A. **Aust Clin Rev** 1984 Jun;(13):23-4

Upper intestinal endoscopy [letter] **Lancet** 1985 Apr 13; 1(8433):877-8

Upper intestinal endoscopy. Clark ML. **Lancet** 1985 Mar 16; 1(8429):629

Recent changes in gastrointestinal investigation in a university hospital. Faithfull GR, et al. **Med J Aust** 1985 Sep 2;143(5):196-8

VETERINARY

Tracheobronchoscopy: a clear view of a confused field? [editorial] Lane JG. **Equine Vet J** 1984 Nov;16(6):483-4

Hysteroscopy in the cow using a flexible fibrescope. Devine DA, et al. **Vet Rec** 1984 Dec 15;115(24):627-8

Sex determination of monomorphic birds by fibreoptic endoscopy. Jones DM, et al. **Vet Rec** 1984 Dec 8; 115(23):596-8

ENDOSSEOUS IMPLANTATION see **DENTAL IMPLANTATION, ENDOSSEOUS**

ENDOSSEOUS IMPLANTATION, ENDODONTIC see **DENTAL IMPLANTATION, ENDOSSEOUS, ENDODONTIC**

ENDOSULFAN

ANALYSIS

[Determination of thiodane in cadaveric material] Guliamov TG, et al. **Sud Med Ekspert** 1984 Oct-Dec;27(4):42-4 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Effects of endosulfan and its metabolites on rat liver mitochondrial respiration and enzyme activities in vitro. Dubey RK, et al. **Biochem Pharmacol** 1984 Nov 1; 33(21):3405-10

delta-Aminolevulinic acid synthetase and heme oxygenase activity in lung and liver of rats given DDT and endosulfan intratracheally. Narayan S, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):24-8

Lipid peroxidation in lung and liver of rats given DDT and endosulfan intratracheally. Narayan S, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):63-7

Role of neurotransmitters in endosulfan-induced aggressive behaviour in normal and lesioned rats. Anand M, et al. **Toxicol Lett** 1985 Jan;24(1):79-84

TOXICITY

Low concentration effects of endosulfan insecticide on reproductive behaviour in the tropical cichlid fish Sarotherodon mossambicus. Matthiessen P, et al. **Bull Environ Contam Toxicol** 1984 Nov;33(5):575-83

Effect of intratracheal administration of DDT and endosulfan on cytochrome P-450 and glutathione-s-transferase in lung and liver of rats. Narayan S, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):55-62

Response of rats to repeated oral administration of endosulfan. Dikshith TS, et al. **Ind Health** 1984; 22(4):295-304

Quality & quantity of dietary protein & acute endosulphan metabolic toxicity in rat liver microsomes. Tyagi SR, et al. **Indian J Med Res** 1985 May;81:480-7

Acute toxicity of endosulfan 35EC to two freshwater bivalve molluscs from Godavari river at Maharashtra State, India. Mane UH, et al. **Toxicol Lett** 1984 Nov;23(2):147-55

ENDOTHELIUM

Seeding human arterial prostheses with mechanically derived endothelium. The detrimental effect of smoking. Herring M, et al. **J Vasc Surg** 1984 Mar;1(2):279-89

Endothelial seeding of venous prostheses. Plate G, et al. **Surgery** 1984 Nov;96(5):929-36

ANALYSIS

Heparinlike molecules with anticoagulant activity are synthesized by cultured endothelial cells. Marcum JA, et al. **Biochem Biophys Res Commun** 1985 Jan 16; 126(1):365-72

Effects of tobacco and non-tobacco cigarette smoking on endothelium and platelets. Davis JW, et al. **Clin Pharmacol Ther** 1985 May;37(5):529-33

Actomyosin organization in stationary and migrating sheets of cultured human endothelial cells. Hormia M, et al. **Exp Cell Res** 1985 Mar;157(1):116-26

[Kaposi's sarcoma: comparative immunohistochemical study and histogenic significance of endothelial markers] Bendelac A, et al. **Ann Pathol** 1985;5(1):45-52 (Eng. Abstr.) (Fre)

CYTOLOGY

Fibrin-mediated vascular injury. Identification of fibrin peptides that mediate endothelial cell retraction. Rowland FN, et al. **Am J Pathol** 1984 Dec;117(3):418-28

Endothelial and lesion cell growth patterns of early smooth-muscle cell atherosclerotic lesions in swine. Scott RF, et al. **Arch Pathol Lab Med** 1985 May;109(5):450-3

Smooth muscle cells produce an inhibitor of endothelial cell growth. Schumacher BL, et al. **Arteriosclerosis** 1985 Jan-Feb;5(1):110-5

A platelet factor that stimulates the proliferation of vascular endothelial cells. Miyazono K. et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):83-8

A possible explanation of mechanisms inducing inhibition of vascularization of tumours by antifibrinolytic drugs—the influence of migratory behaviour of endothelial cells. Teuscher E, et al. **Biomed Biochim Acta** 1984;43(4):447-56

Proliferative response of human venous endothelial cells to medium conditioned by human tumour cells. Walker C, et al. **Cell Biol Int Rep** 1984 Sep;8(9):731-8

Endogenous regulation of endothelial cell proliferation. Sorgente N, et al. **Cell Tissue Kinet** 1984 Nov;17(6):573-82

Primary culture of capillary endothelial cells from the spiral ligament and stria vascularis of bovine inner ear. Retention of several endothelial cell properties in vitro. Bowman PD, et al. **Cell Tissue Res** 1985;241(3):479-86

A platelet factor stimulating the proliferation of vascular endothelial cells. Partial purification and characterization. Miyazono K, et al. **Exp Cell Res** 1985 Aug;159(2):487-94

Morphological alterations in cultured endothelial cells induced by arachidonic acid. Sandra A, et al. **Exp Cell Res** 1985 Jun;158(2):484-92

Tissue culture of human and canine thoracic duct endothelium. Gnepp DR, et al. **In Vitro Cell Dev Biol** 1985 Apr;21(4):200-6

Long-term serial cultivation of arterial and capillary endothelium from adult bovine brain. Goetz IE, et al. **In Vitro Cell Dev Biol** 1985 Mar;21(3 Pt 1):172-80

Long-term serial cultivation and growth requirements for human umbilical vein endothelial cells. Kan M, et al. **In Vitro Cell Dev Biol** 1985 Mar;21(3 Pt 1):181-8

Pure gelatin microcarriers: synthesis and use in cell attachment and growth of fibroblast and endothelial cells. Wissemann KW, et al. **In Vitro Cell Dev Biol** 1985 Jul; 21(7):391-401

The role of membrane-membrane interactions in the regulation of endothelial cell growth. Heimark RL, et al. **J Cell Biol** 1985 Jun;100(6):1934-40

Identification and isolation of endothelial cells based on their increased uptake of acetylated-low density lipoprotein. Voyta JC, et al. **J Cell Biol** 1984 Dec;99(6):2034-40

Cell volume regulation of cerebrovascular endothelium in vitro. Kempski O, et al. **J Cell Physiol** 1985 Apr;123(1):51-4

Interaction between fibrinogen and cultured endothelial cells. Induction of migration and specific binding. Dejana E, et al. **J Clin Invest** 1985 Jan;75(1):11-8

A monoclonal antibody to human platelet glycoprotein IIIa detects a related protein in cultured human endothelial cells. Thiagarajan P, et al. **J Clin Invest** 1985 Mar; 75(3):896-901

Presentation of myelin basic protein by murine cerebral vascular endothelial cells. McCarron RM, et al. **J Immunol** 1985 May;134(5):3100-3

Herpes simplex virus type 1 infection of endothelial, epithelial, and fibroblast cells induces a receptor for C3b. Smiley ML, et al. **J Immunol** 1985 Apr;134(4):2673-8

In vitro detection of endothelial cell damage using 2-deoxy-D-3H-glucose: comparison with chromium 51, 3H-leucine, 3H-adenine, and lactate dehydrogenase. Andreoli SP, et al. **J Lab Clin Med** 1985 Sep;106(3):253-61

Endothelial cells enhance the human pokeweed mitogen lymphocyte response. Shanahan WR Jr, et al. **J Leukocyte Biol** 1985 Mar;37(3):305-17

Detection of endothelium in cerebral blood vessels. Abrol RP, et al. **J Pharmacol Methods** 1984 Oct;12(3):213-9

Human adult endothelial cell growth in culture. Jarrell B, et al. **J Vasc Surg** 1984 Nov;1(6):757-64

Endothelial cell-seeded four-millimeter Dacron vascular grafts [letter] Sharefkin JB. **J Vasc Surg** 1984 Nov; 1(6):921-2

Endothelial cell cycle kinetics. Changes in culture and correlation with endothelial properties. Goldsmith JC, et al. **Lab Invest** 1984 Dec;51(6):643-7

Induction of neovascularization in vivo and endothelial proliferation in vitro by tumor-associated macrophages. Polverini PJ, et al. **Lab Invest** 1984 Dec;51(6):635-42

Mechanisms of neovascularization. Vascular sprouting can occur without proliferation of endothelial cells. Sholley MM, et al. **Lab Invest** 1984 Dec;51(6):624-34

Brain- and liver cell-derived factors are required for growth of human endothelial cells in serum-free culture. Hoshi H, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6413-7

The formation of fenestrations and channels by capillary endothelium in vitro. Milici AJ, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6181-5

Endothelial cell rounding associated with long-term implantations of left ventricular assist devices. Wechezak AR, et al. **Scan Electron Microsc** 1984;(Pt 3):1353-60

Disorganization of cultured vascular endothelial cell monolayers by fibrinogen fragment D. Dang CV, et al. **Science** 1985 Mar 22;227(4693):1487-90

Modulation of the sis gene transcript during endothelial cell differentiation in vitro. Jaye M, et al. **Science** 1985 May 17;228(4701):882-5

The mesothelial cell as a non-thrombogenic surface. Nicholson LJ, et al. **Thromb Haemost** 1984 Oct 31; 52(2):102-4

Varicose veins as a source of adult human endothelial cells. Ryan US, et al. **Tissue Cell** 1985;17(2):171-6

Polyester elastomer as an endothelial substrate. Campbell JB, et al. **Trans Am Soc Artif Intern Organs** 1984;30:303-7

[Growth suppression of endothelial cells of the guinea pig aorta by the sera of patients with progressive systemic sclerosis] Kobayashi Y, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Dec;94(14):1639-41 (Jpn)

DRUG EFFECTS

Methylprednisolone acts at the endothelial cell level reducing inflammatory responses. Björk J, et al. **Acta Physiol Scand** 1985 Feb;123(2):221-4

The effect of ethchlorvynol on cultured endothelial cells. A model for the study of the mechanism of increased vascular permeability. Wysolmerski R, et al. **Am J Pathol** 1985 Jun;119(3):505-12

Synergism of vitamins A and C on fibrinolysis. Inada Y, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):182-7

New functions of epidermal growth factor: stimulation of capillary endothelial cell migration and matrix dependent proliferation. McAuslan BR, et al. **Cell Biol Int Rep** 1985 Feb;9(2):175–82

Lymphokines induce changes in morphology and enhance motility of endothelial cells. Groenewegen G, et al. **Clin Immunol Immunopathol** 1985 Sep;36(3):378–85

Effect of hydrogen peroxide on prostaglandin production and cellular integrity in cultured porcine aortic endothelial cells. Whorton AR, et al. **J Clin Invest** 1985 Jul;76(1):295–302

Alterations in the biophysical properties of the human endothelial cell plasma membrane induced by a chemotactic tripeptide: correlation with enhanced adherence of granulocytes. Kirkpatrick CJ, et al. **J Pathol** 1984 Nov;144(3):201–11

Endothelial cells and the electrical and mechanical responses of the rabbit coronary artery to 5–hydroxytryptamine. Garland CJ. **J Pharmacol Exp Ther** 1985 Apr;233(1):158–62

EMBRYOLOGY

Permeability studies of the guinea pig placental labyrinth. II. Tracer permeation and freeze–fracture of fetal endothelium. Orgnero de Gaisán E, et al. **Anat Embryol (Berl)** 1985;171(3):297–304

ENZYMOLOGY

Enzymatic sulfation of N–glycosidically linked oligosaccharides by endothelial cell membranes. Merkle RK, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):460–7

Production of latent collagenase by human umbilical vein endothelial cells in response to angiogenic preparations. Moscatelli DA, et al. **Exp Cell Res** 1985 Feb;156(2):379–90

Alteration of glycosyltransferase activities during proliferation of cultivated arterial endothelial cells and smooth muscle cells. Vischer P, et al. **Exp Cell Res** 1985 May;158(1):15–28

IMMUNOLOGY

Endothelial cell cytotoxicity in inflammatory vascular diseases––the possible role of oxidised lipoproteins. Blake DR, et al. **Ann Rheum Dis** 1985 Mar;44(3):176–82

Increased atherosclerosis in rabbits immunized with endothelial cells. Klurfeld DM, et al. **Atherosclerosis** 1985 Jun;55(3):283–97

The role of neutrophil membrane glycoprotein GP–150 in neutrophil adherence to endothelium in vitro. Harlan JM, et al. **Blood** 1985 Jul;66(1):167–78

Target specificity and cell surface structures involved in the human cytolytic T lymphocyte response to endothelial cells. Clayberger C, et al. **J Immunol** 1985 Jul;135(1):12–8

Lymphocyte recognition of lymph node high endothelium. VII. Cell surface proteins involved in adhesion defined by monoclonal anti–HEBFLN (A.11) antibody. Rasmussen RA, et al. **J Immunol** 1985 Jul;135(1):19–24

On the presence of Ia–positive endothelial cells and astrocytes in multiple sclerosis lesions and its relevance to antigen presentation. Traugott U, et al. **J Neuroimmunol** 1985 Apr;8(1):1–14

Monoclonal antibody PAL–E specific for endothelium. Schlingemann RO, et al. **Lab Invest** 1985 Jan;52(1):71–6

HLA–A, B, C; –DR; –MT, –MB, and SB antigens on unstimulated human endothelial cells. Neppert J, et al. **Tissue Antigens** 1984 Jul;24(1):40–7

The vascular endothelial cell antigen system. Cerilli J, et al. **Transplantation** 1985 Mar;39(3):286–9

Cell–mediated cytotoxicity patterns of cloned cytotoxic T lymphocytes. Cytotoxicity directed against canine lymphoblasts, monocytes, and endothelial cells. Groenewegen G, et al. **Transplantation** 1985 Jun;39(6):657–60

Effect of cyclosporine on MHC class II antigen expression on arterial and venous endothelium in vitro. Groenewegen G, et al. **Transplantation** 1985 Jul;40(1):21–5

METABOLISM

Characterization of a coronary vasoconstrictor produced by cultured endothelial cells. Hickey KA, et al. **Am J Physiol** 1985 May;248(5 Pt 1):C550–6

Nucleotide metabolism by endothelium. Pearson JD, et al. **Annu Rev Physiol** 1985;47:617–27 (81 ref.)

Prostacyclin production by endothelial cells. Effects of sera from normal and hyperlipidemic subjects. Tremoli E, et al. **Arteriosclerosis** 1985 Mar–Apr;5(2):178–85

Distinct atrial natriuretic factor receptor sites on cultured bovine aortic smooth muscle and endothelial cells. Schenk DB, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):433–42

Enhancement of intracellular glutathione protects endothelial cells against oxidant damage. Tsan MF, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):270–6

Binding and endocytosis of heparin by human endothelial cells in culture. Bârzu T, et al. **Biochim Biophys Acta** 1985 May 30;845(2):196–203

Human endothelial cells produce a plasminogen activator inhibitor and a tissue–type plasminogen activator–inhibitor complex. Philips M, et al. **Biochim Biophys Acta** 1984 Nov 6;802(1):99–110

Comparison of secretion and subcellular localization of von Willebrand protein with that of thrombospondin and fibronectin in cultured human vascular endothelial cells. Reinders JH, et al. **Biochim Biophys Acta** 1985 Mar 21;844(3):306–13

Characterization of the interaction between factor Xa and bovine aortic endothelial cells. Rodgers GM, et al. **Biochim Biophys Acta** 1985 Mar 21;844(3):320–9

Fibronectin–induced protein carboxy–O–methylation in aortic endothelial cells. Sorgente N, et al. **Biochim Biophys Acta** 1984 Nov 13;805(3):306–11

Receptor distribution and the endothelial uptake of transcobalamin II in liver cell suspensions. Soda R, et al. **Blood** 1985 Apr;65(4):795–802

Activated protein C decreases plasminogen activator–inhibitor activity in endothelial cell–conditioned medium. van Hinsbergh VW, et al. **Blood** 1985 Feb;65(2):444–51

Renin expression by vascular endothelial cells in culture. Lilly LS, et al. **Circ Res** 1985 Aug;57(2):312–8

Native and acetylated low density lipoprotein metabolism in proliferating and quiescent bovine endothelial cells in culture. Sanan DA, et al. **Eur J Cell Biol** 1985 Jan;36(1):81–90

Role of endothelium in the binding of [3H]prazosin to the aortic alpha 1–adrenergic receptors. Carman–Kržan M. **Eur J Pharmacol** 1985 Apr 23;111(1):137–8

Ceruloplasmin receptors in liver cell suspensions are limited to the endothelium. Kataoka M, et al. **Exp Cell Res** 1984 Nov;155(1):232–40

Proliferation, morphology, and low–density lipoprotein metabolism of arterial endothelial cells cultured from normal and diabetic minipigs. Grünwald J, et al. **Exp Mol Pathol** 1985 Feb;42(1):60–70

Arachidonic acid metabolites and endothelial injury: studies with cultures of human endothelial cells. Johnson AR, et al. **Fed Proc** 1985 Jan;44(1 Pt 1):19–24

Thromboplastin synthesis in endothelial cells. Galdal KS. **Haemostasis** 1984;14(5):378–85

Effect of clonal senescence on low density lipoprotein–receptor activity of bovine arterial endothelial cells. Bierman EL, et al. **In Vitro** 1984 Oct;20(10):809–14

HEPES may stimulate cultured endothelial cells to make growth–retarding oxygen metabolites. Bowman CM, et al. **In Vitro Cell Dev Biol** 1985 Mar;21(3 Pt 1):140–2

Increased synthesis of fibrinolytic inhibitor induced by muramyl dipeptide derivatives in human cultured endothelial cells. Dosne AM, et al. **Int J Immunopharmacol** 1985;7(2):225–30

Endothelial cell prostacyclin production induced by activated neutrophils. Miller DK, et al. **J Biol Chem** 1985 Jan 25;260(2):1006–14

The binding of factor IXa to cultured bovine aortic endothelial cells. Induction of a specific site in the presence of factors VIII and X. Stern DM, et al. **J Biol Chem** 1985 Jun 10;260(11):6717–22

Metabolic cooperation between vascular endothelial cells and smooth muscle cells in co–culture: changes in low density lipoprotein metabolism. Davies PF, et al. **J Cell Biol** 1985 Sep;101(3):871–9

Microvascular pericytes contain muscle and nonmuscle actins. Herman IM, et al. **J Cell Biol** 1985 Jul;101(1):43–52

Synthesis of extracellular matrix glycoproteins by cultured microvascular endothelial cells isolated from the dermis of neonatal and adult skin. Kramer RH, et al. **J Cell Physiol** 1985 Apr;123(1):1–9

Pseudomonas aeruginosa cytotoxin stimulates prostacyclin production in cultured pulmonary artery endothelial cells: membrane attack and calcium influx. Suttorp N, et al. **J Cell Physiol** 1985 Apr;123(1):64–72

Prostacyclin production by the deendothelialized rabbit aorta. Boeynaems JM, et al. **J Clin Invest** 1985 Jul;76(1):7–14

Thrombin stimulates tissue plasminogen activator release from cultured human endothelial cells. Levin EG, et al. **J Clin Invest** 1984 Dec;74(6):1988–95

Cultured endothelial cells synthesize both platelet–activating factor and prostacyclin in response to histamine, bradykinin, and adenosine triphosphate. McIntyre TM, et al. **J Clin Invest** 1985 Jul;76(1):271–80

Binding of diamine oxidase activity to rat and guinea pig microvascular endothelial cells. Comparisons with lipoprotein lipase binding. Robinson–White A, et al. **J Clin Invest** 1985 Jul;76(1):93–100

A coagulation pathway on bovine aortic segments leading to generation of Factor Xa and thrombin. Stern DM, et al. **J Clin Invest** 1984 Dec;74(6):1910–21

Effect of monocyte migration on low density lipoprotein transport across aortic endothelial cell monolayers. Territo M, et al. **J Clin Invest** 1984 Dec;74(6):2279–84

Degradation of sulfated proteoglycans in the subendothelial extracellular matrix by human platelet heparitinase. Yahalom J, et al. **J Clin Invest** 1984 Nov;74(5):1842–9

Stimulation of human endothelial cell prostacyclin synthesis by select leukotrienes. Pologe LG, et al. **J Exp Med** 1984 Oct 1;160(4):1043–53

Alkyl–ether phosphoglycerides influence calcium fluxes into human endothelial cells. Bussolino F, et al. **J Immunol** 1985 Oct;135(4):2748–53

Prostacyclin production by cultured endothelial cell monolayers exposed to step increases in shear stress. Grabowski EF, et al. **J Lab Clin Med** 1985 Jan;105(1):36–43

Effect of human plasma lipoproteins on prostacyclin production by cultured endothelial cells. Spector AA, et al. **J Lipid Res** 1985 Mar;26(3):288–97

Sialic acid moieties on surface glycoproteins protect endothelial cells from proteolytic damage. Görög P, et al. **J Pathol** 1985 Jul;146(3):205–12

Endothelium derived relaxant factor. Griffith TM, et al. **J R Coll Physicians Lond** 1985 Apr;19(2):74–9

Herpes simplex virus type 1 infection of endothelium reduces collagen and fibronectin synthesis. Macarak EJ, et al. **Lab Invest** 1985 Sep;53(3):280–6

Lymphokine dependence of in vivo expression of MHC class II antigens by endothelium. Groenewegen G, et al. **Nature** 1985 Jul 25–31;316(6026):361–3

Expression of the sis gene by endothelial cells in culture and in vivo. Barrett TB, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6772–4

Detection of superoxide generated by endothelial cells. Rosen GM, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7269–73

Interaction of endothelial cell growth factor with heparin: characterization by receptor and antibody recognition. Schreiber AB, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6138–42

Metabolism of [1–14C]–arachidonic acid by cultured calf aortic endothelial cells: evidence for the presence of a lipoxygenase pathway. Kühn H, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):291–303

Flow effects on prostacyclin production by cultured human endothelial cells. Frangos JA, et al. **Science** 1985 Mar 22;227(4693):1477–9

Prostacyclin synthesis induced in vascular cells by interleukin–1. Rossi V, et al. **Science** 1985 Jul 12;229(4709):174–6

Vascular smooth muscle cells inhibit the plasminogen activators secreted by endothelial cells. Laug WE. **Thromb Haemost** 1985 Apr 22;53(2):165–9

Incorporation of some eicosanoic acids into endothelial cells––effect on platelet inhibitory activity and prostacyclin production. Sicard B, et al. **Thromb Haemost** 1985 Apr 22;53(2):264–7

The effect of thrombin on fibronectin in cultured human endothelial cells. Galdal KS, et al. **Thromb Res** 1985 Mar 1;37(5):583–93

Plasminogen activator activity of cultured endothelial cells derived from canine coronary vessel and human umbilical artery and vein. Ogawa K, et al. **Thromb Res** 1985 Feb 1;37(3):411–22

The synthesis of subendothelial matrix by bovine aortic endothelial cells in culture. Schor AM, et al. **Tissue Cell** 1984;16(5):677–91

[The effect of peptic blood peptone (2. AB–GDR) on the intake of 3H–thymidine into endothelial cells] Pilgrim H. **Pharmazie** 1984 Aug;39(8):582–3 (Ger)

MICROBIOLOGY

Infection of human endothelial cells by human T–lymphotropic virus type I. Ho DD, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7588–90

Infection of human endothelial cells by human T–cell leukemia virus type I. Hoxie JA, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7591–5

PARASITOLOGY

An in vitro assay for sequestration: binding of Plasmodium falciparum–infected erythrocytes to formalin–fixed endothelial cells and amelanotic melanoma cells. Udeinya IJ, et al. **J Protozool** 1985 Feb;32(1):88–90

PATHOLOGY

Interaction between enteroviruses and human endothelial cells in vitro. Alterations in the physical properties of endothelial cell plasma membrane and adhesion of human granulocytes. Kirkpatrick CJ, et al. **Am J Pathol** 1985 Jan;118(1):15–25

Insulin and multiplication–stimulating activity induce a very rapid centrosomal orientation response to wounding in endothelial cell monolayers. Mascardo RN, et al. **Diabetes** 1984 Nov;33(11):1099–105

Recent advances in molecular pathology. Arterial endothelium––assessment of in vivo injury. Reidy MA, et al. **Exp Mol Pathol** 1984 Dec;41(3):419–34 (70 ref.)

Free radical damage to cultured porcine aortic endothelial cells and lung fibroblasts: modulation by culture conditions. Bishop CT, et al. **In Vitro Cell Dev Biol** 1985 Apr;21(4):229–36

The role of neutrophil membrane glycoprotein 150 (Gp–150) in neutrophil–mediated endothelial cell injury in vitro. Diener AM, et al. **J Immunol** 1985 Jul;135(1):537–43

Direct toxic effects of paraquat and oxygen on cultured endothelial cells. Ody C, et al. **Lab Invest** 1985 Jan;52(1):77–84

PHYSIOLOGY

Possible role of endothelium in the orientation of smooth muscle cells in experimental neointima. Reimers D, et al. **Acta Anat (Basel)** 1985;121(3):140–6

Platelets, endothelium, and vessel injury. Mustard JF, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:235–45 (71 ref.)

Effect of intact endothelium against platelet–induced coronary artery spasm in isolated rabbit hearts. Bing RJ, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1596–600

Facilitation of granulocyte migration into bovine pulmonary artery intimal explants by intact viable endothelium. Niedermeyer ME, et al. **Am J Pathol** 1984 Nov; 117(2):252-61

Role of endothelium in vascular responses to norepinephrine, serotonin and acetylcholine. Angus JA, et al. **Bibl Cardiol** 1984;(38):43-52

Endothelium and hypoxic responses. Busse R, et al. **Bibl Cardiol** 1984;(38):21-34

Vasodilatation mediated by the coronary endothelium in response to aggregating platelets. Cohen RA, et al. **Bibl Cardiol** 1984;(38):35-42

Endothelium-dependent responses: the last three years. Furchgott RF, et al. **Bibl Cardiol** 1984;(38):1-15 (40 ref.)

Vasoconstrictor responses influenced by the endothelium. Verrecchia C, et al. **Bibl Cardiol** 1984;(38):16-20

The role of carbohydrate in heterotypic cell-cell recognition: lymphocyte-high endothelial cell interaction as a model system. Butcher EC. **Biol Cell** 1984;51(2):248-50

Adherence of human polymorphonuclear leukocytes to endothelial monolayers: effects of temperature, divalent cations, and chemotactic factors on the strength of adherence measured with a new centrifugation assay. Charo IF, et al. **Blood** 1985 Feb;65(2):473-9

Leukocyte-endothelial interactions. Harlan JM. **Blood** 1985 Mar;65(3):513-25 (164 ref.)

Fibronectin in artery subendothelium is important for platelet adhesion. Houdijk WP, et al. **Blood** 1985 Mar;65(3):598-604

Reversible oxidant-induced increases in albumin transfer across cultured endothelium: alterations in cell shape and calcium homeostasis. Shasby DM, et al. **Blood** 1985 Mar; 65(3):605-14

Insensitivity of calcium-dependent endothelial stimulation in rat isolated aorta to the calcium entry blocker, flunarizine. Miller RC, et al. **Br J Pharmacol** 1985 Jun;85(2):481-7

Tumor-promoting phorbol esters induce angiogenesis in vitro. Montesano R, et al. **Cell** 1985 Sep;42(2):469-77

Effects of ammonium ion derived from bovine endothelial cells upon low density lipoprotein degradation in cultured vascular smooth muscle cells. Truskey GA, et al. **Cell Biol Int Rep** 1985 Apr;9(4):323-30

Platelet-endothelial cell interactions in vitro following freeze-thaw injury or detergent treatment. Trusal LR, et al. **Cell Tissue Res** 1984;237(3):419-25

Acetylcholine induced endothelial-dependent vasodilation increases as artery diameter decreases in the rabbit ear. Owen MP, et al. **Experientia** 1985 Aug 15;41(8):1057-8

The potency of heparin-like activity of glycosaminoglycans released by human endothelial cells in culture. Shimada K, et al. **Experientia** 1985 May 15;41(5):671-3

A low-Mr chemoattractant for vascular endothelial cells. Büki KG, et al. **FEBS Lett** 1985 May 20;184(2):254-8

Leukocyte interleukins induce cultured endothelial cells to produce a highly organized, glycosaminoglycan-rich pericellular matrix. Montesano R, et al. **J Cell Biol** 1984 Nov;99(5):1706-15

Release of endothelial cell-derived growth factor (ECDGF) by heparin. Gajdusek CM. **J Cell Physiol** 1984 Oct; 121(1):13-21

Membrane phospholipid asymmetry as a factor in erythrocyte-endothelial cell interactions. Schlegel RA, et al. **J Cell Physiol** 1985 May;123(2):215-8

Extracellular matrix modulation of endothelial cell shape and motility following injury in vitro. Young WC, et al. **J Cell Sci** 1985 Feb;73:19-32

Leukotriene B4 stimulates polymorphonuclear leukocyte adhesion to cultured vascular endothelial cells. Gimbrone MA Jr, et al. **J Clin Invest** 1984 Oct;74(4):1552-5

Neutrophil-endothelial cell interactions. Modulation of neutrophil adhesiveness induced by complement fragments C5a and C5a des arg and formyl-methionyl-leucyl-phenylalanine in vitro. Tonnesen MG, et al. **J Clin Invest** 1984 Nov;74(5):1581-92

Human monocyte adherence to cultured vascular endothelium: monoclonal antibody-defined mechanisms. Wallis WJ, et al. **J Immunol** 1985 Oct;135(4):2323-30

Human endothelial cells modulate granulocyte adherence and chemotaxis. Zimmerman GA, et al. **J Immunol** 1985 Mar; 134(3):1866-74

Enhancement of alpha-1 and alpha-2 adrenergic agonist-induced vasoconstriction by removal of endothelium in rat aorta. Carrier GO, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):682-7

Selective blockade of endothelium-dependent and glyceryl trinitrate-induced relaxation by hemoglobin and by methylene blue in the rabbit aorta. Martin W, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):708-16

Drug effects on platelet deposition after endothelial injury of the rabbit aorta. Plate G, et al. **J Surg Res** 1985 Sep; 39(3):258-66

Patency in canine inferior vena cava grafting: effects of graft material, size, and endothelial seeding [letter] Gerlock AJ Jr, et al. **J Vasc Surg** 1985 Sep;2(5):765

Endothelium develops on seeded human arterial prosthesis: a brief clinical note. Herring M, et al. **J Vasc Surg** 1985 Sep;2(5):727-30

What is the role of endothelial cells in angiogenesis? Folkman J. **Lab Invest** 1984 Dec;51(6):601-4 (46 ref.)

Activated neutrophils disrupt endothelial monolayer integrity by an oxygen radical-independent mechanism. Harlan JM, et al. **Lab Invest** 1985 Feb;52(2):141-50

Aortic endothelial cell during regeneration. Remodeling of cell junctions, stress fibers, and stress fiber-membrane attachment domains. Hüttner I, et al. **Lab Invest** 1985 Sep; 53(3):287-302

Effects of endothelial removal and regeneration on smooth muscle glycosaminoglycan synthesis and growth in rat carotid artery in organ culture. Merrilees MJ, et al. **Lab Invest** 1985 Apr;52(4):409-19

Endothelial cell-derived chemotactic activity for mouse peritoneal macrophages and the effects of modified forms of low density lipoprotein. Quinn MT, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5949-53

Involvement of sialic acid on endothelial cells in organ-specific lymphocyte recirculation. Rosen SD, et al. **Science** 1985 May 24;228(4702):1005-7

Cultured endothelium as an artificial stroma for the maintenance of in vitro bone marrow. Eastment C, et al. **Trans Am Soc Artif Intern Organs** 1984;30:325-9

Endothelium-dependent vasodilator-and nitrovasodilator-induced relaxation may be mediated through cyclic GMP formation and cyclic GMP-dependent protein phosphorylation. Rapoport RM, et al. **Trans Assoc Am Physicians** 1983;96:19-30

[Importance of the endothelium in the function of vascular walls] Smieško V, et al. **Cesk Fysiol** 1984;33(4):334-8 (Slo)

PHYSIOPATHOLOGY

Platelet interaction with rabbit subendothelium in von Willebrand's disease: altered thrombus formation distinct from defective platelet adhesion. Turitto VT, et al. **J Clin Invest** 1984 Nov;74(5):1730-41

Decreased endothelium-dependent relaxation in New Zealand genetic hypertensive rats. Winquist RJ, et al. **J Hypertens** 1984 Oct;2(5):541-5

SECRETION

Endothelial autacoids. Thorgeirsson G. **Acta Med Scand** 1985;217(5):453-6 (34 ref.)

SURGERY

A model of corneal re-endotheliazation after surgical trauma. Landshman N, et al. **Curr Eye Res** 1985 May;4(5):555-61

TRANSPLANTATION

Endothelial cell seeding of a new PTFE vascular prosthesis. Kempczinski RF, et al. **J Vasc Surg** 1985 May;2(3):424-9

ULTRASTRUCTURE

The ultrastructural localization of von Willebrand factor in endothelial cells. Warhol MJ, et al. **Am J Pathol** 1984 Nov; 117(2):310-5

Endothelialization of human collagen surfaces with human adult endothelial cells. Baker KS, et al. **Am J Surg** 1985 Aug;150(2):197-200

Proteoglycan distribution in catheter-induced aortic lesions in normolipaemic rabbits. An ultrastructural study. Moore S, et al. **Atherosclerosis** 1985 Jun;55(3):313-30

Megakaryocyte interaction with subendothelial extracellular matrix is associated with adhesion, platelet-like shape change, and thromboxane A2 production. Levine RF, et al. **Blood** 1985 Sep;66(3):570-6

Morphological aspects in phase-contrast and transmission electron microscopy of senescent cultures of bovine aortic endothelial cells. Weber E, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1643-9

Transendothelial channels in fenestrated endometrial blood capillaries of rats. Cornillie FJ, et al. **Cell Tissue Res** 1984; 237(2):371-3

Endothelial fenestral diaphragms: a quick-freeze, deep-etch study. Bearer EL, et al. **J Cell Biol** 1985 Feb;100(2):418-28

Anionized and cationized hemeundecapeptides as probes for cell surface charge and permeability studies: differentiated labeling of endothelial plasmalemmal vesicles. Ghinea N, et al. **J Cell Biol** 1985 Feb;100(2):606-12

Fracturing of melamine-embedded cells and tissues: a new technique for studying cell membranes. Westphal C, et al. **J Microsc** 1985 Jan;137 (Pt 1):17-23

Preferential orientation of centrioles toward the heart in endothelial cells of major blood vessels is reestablished after reversal of a segment. Rogers KA, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3272-6

ENDOTOXINS

see related
LIMULUS TEST

Endotoxemia in the neonatal lamb. O'Brien WF, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):671-4

Effect of intracerebroventricular vasopressin on body temperature and endotoxin fever of macaque monkey. Lee TF, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):R674-8

Modification by hyperoxia in vivo of endotoxin-induced neutrophil alveolitis in rats. Production of chemotactic factors by alveolar macrophages and ultrastructure. Christman JW, et al. **Am Rev Respir Dis** 1985 Jul; 132(1):152-8

Haptoglobin and lipoperoxides in rabbit plasma under turpentine- and endotoxin-induced inflammation. Dobryszycka W, et al. **Arch Int Physiol Biochim** 1984 Aug; 92(2):47-52

Platelet activating factor (PAF) involvement in endotoxin-induced hypotension in rats. Studies with PAF-receptor antagonist kadsurenone. Doebber TW, et al. **Biochem Biophys Res Commun** 1985 Mar 29; 127(3):799-808

Synthetic and natural Escherichia coli free lipid A expres identical endotoxic activities. Galanos C, et al. **Eur J Biochem** 1985 Apr 1;148(1):1-5

Synthetic lipid A with endotoxic and related biological activities comparable to those of a natural lipid A from an Escherichia coli re-mutant. Kotani S, et al. **Infect Immun** 1985 Jul;49(1):225-37

Changes in lysosomal enzyme activities of eye tissues in endotoxin-induced inflammation. Tsung PK, et al. **Inflammation** 1983 Sep;7(3):257-67

Alteration of histamine, serotonin and primary prostaglandin in case of diarrhea induced by endotoxin and gastrointestinal absorption of drug. Sakurai E, et al. **J Pharmacobiodyn** 1985 Mar;8(3):186-92

Effect of pH on turbidity and ultrastructures of endotoxins extracted from Salmonella minnesota wild type and Re mutant. Amano K, et al. **Microbiol Immunol** 1985; 29(1):75-80

Endotoxin-induced acute renal failure in mice. Effects of indomethacin and the thromboxane-synthetase antagonist UK 38.485. Hirschberg R, et al. **Res Exp Med (Berl)** 1985; 185(2):107-13

Influence of cyproheptadine on endotoxin-induced disseminated intravascular coagulation (DIC) in weaned pigs. Nowak G, et al. **Thromb Haemost** 1985 Apr 22; 53(2):252-4

ADMINISTRATION & DOSAGE

The therapeutic significance of concomitant antitumor immunity. II. Passive transfer of concomitant immunity with Ly-1+2- T cells primes established tumors in T cell-deficient recipients for endotoxin-induced regression. North RJ. **Cancer Immunol Immunother** 1984;18(2):75-9

Enhanced phospholipase A2 activity in rat plasma, liver, and intestinal mucosa following endotoxin treatment: a possible explanation for the protective effect of indomethacin in endotoxic shock. Shakir KM, et al. **Metabolism** 1985 Feb; 34(2):176-82

Effect of intravenous and intraduodenal administration of Escherichia coli endotoxin on the porcine pancreas as evaluated by changes in the serum cationic trypsin-like immunoreactivity. Florholmen J, et al. **Scand J Gastroenterol** 1985 Apr;20(3):279-84

Portal and systemic plasma VIP and secretin during intravenous infusion of Escherichia coli endotoxin in pigs. Lygren I, et al. **Scand J Gastroenterol** 1984 Nov; 19(8):1048-52

ADVERSE EFFECTS

Spontaneous endotoxinemia [editorial] Nolan JP. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):7-8

Depressed bacterial growth in whey during endotoxin induced mastitis. Mattila T, et al. **Zentralbl Veterinarmed [B]** 1985 Feb;32(2):85-92

[Endogenous intoxication in peritonitis (review of the literature)] Kriger AG, et al. **Vestn Khir** 1985 Mar; 134(3):130-3 (42 ref.) (Rus)

ANALYSIS

Endotoxin in middle ear effusions tested with Limulus assay. Iino Y, et al. **Acta Otolaryngol (Stockh)** 1985 Jul-Aug; 100(1-2):42-50

The Limulus Amoebocyte Lysate (LAL) assay for the detection of endotoxin in fat emulsions for total parenteral nutrition (TPN). Paulssen J, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Jun; 92(3):177-9

Bacterial endotoxins: chemical structure and biologic activity. Rietschel ET, et al. **Am J Emerg Med** 1984 Jan; 2(1):60-9

Endotoxin in cotton dust and respiratory function decrement among cotton workers in an experimental cardroom. Rylander R, et al. **Am Rev Respir Dis** 1985 Feb; 131(2):209-13

Microbiological contamination of raw materials for large-volume parenterals. Baggerman C, et al. **Appl Environ Microbiol** 1984 Sep;48(3):662-4

Automation of chromogenic substrate Limulus amebocyte lysate assay method for endotoxin by robotic system. Tsuji K, et al. **Appl Environ Microbiol** 1984 Sep;48(3):550-5

A new chromogenic endotoxin-specific assay using recombined limulus coagulation enzymes and its clinical applications. Obayashi T, et al. **Clin Chim Acta** 1985 Jun 30;149(1):55-65

The assay of endotoxin by intravenous injection of lead acetate-treated mice. Kuratsuka K, et al. **J Biol Stand** 1984 Oct;12(4):413-25

Optimization of a chromogenic Limulus amebocyte lysate (LAL) assay for automated endotoxin detection. Bussey DM, et al. **J Parenter Sci Technol** 1984 Nov-Dec; 38(6):228-33

Endotoxin contamination of parenteral drugs and radiopharmaceuticals as determined by the limulus amebocyte lysate method. Twohy CW, et al. **J Parenter Sci Technol** 1984 Sep-Oct;38(5):190-201

Spontaneous endotoxinemia in premature infants: correlations with oral feeding and bowel dysfunction. Scheifele DW, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):67–74

Determination of the presence of root–bound endotoxin using the local Shwartzman phenomenon (LSF). Ito K, et al. **J Periodontol** 1985 Jan;56(1):8–17

Airborne endotoxins in a rice production commune in the People's Republic of China. Olenchock SA, et al. **J Toxicol Environ Health** 1984;13(4–6):545–51

Gram–negative bacterial endotoxins in airborne dusts from washed and unwashed cottons. Olenchock SA. **Z Erkr Atmungsorgane** 1984;163(3):208–16

[Preliminary observations on the applicability of the in vitro test to detect bacterial endotoxins to bottled water] Leoni V, et al. **Nuovi Ann Ig Microbiol** 1983 Mar–Apr;34(2):121–7 (Eng. Abstr.) (Ita)

[A review on endotoxin measurement] Kurosawa T, et al. **Jikken Dobutsu** 1985 Apr;34(2):113–22 (99 ref.) (Jpn)

[Limulus test and microbial components] Fukushi K. **Rinsho Byori** 1985 Feb;33(2):115–9 (Jpn)

[Study of a lipid A–protein complex from Yersinia pseudotuberculosis endotoxin] Fedoreeva LI, et al. **Bioorg Khim** 1984 Jan;10(1):93–9 (Eng. Abstr.) (Rus)

[Determination of bacterial endotoxin admixtures in inactivated influenza vaccines] Shpiliuk GF, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):37–40 (Eng. Abstr.) (Rus)

ANTAGONISTS & INHIBITORS

Effects of dipyrone on endotoxin–induced fever, central nervous depression and hypoglycaemia in sheep. Naylor JM, et al. **J Vet Pharmacol Ther** 1984 Sep;7(3):233–8

Effect of hydroxyl radical scavenging on endotoxin–induced lung injury. Wong C, et al. **Surgery** 1985 Mar;97(3):300–7

BIOSYNTHESIS

[Insecticidal endotoxin produced by Bacillus thuringiensis—recent progress in the molecular biology and the future development] Yamamoto T, et al. **Tanpakushitsu Kakusan Koso** 1984 Jun;29(6):444–54 (58 ref.) (Jpn)

BLOOD

Controlled endotoxinemia in pigs. A suitable model for in vivo studies of some haemodynamic, humoral and cellular reactions. Andersen OK, et al. **Acta Chir Scand** 1984; 150(8):599–606

Endotoxinemia and neonatal necrotizing enterocolitis [letter] Fumarola D. **Am J Clin Pathol** 1985 Sep;84(3):409

Endotoxinemia and thrombocytopenia during neonatal necrotizing enterocolitis. Scheifele DW, et al. **Am J Clin Pathol** 1985 Feb;83(2):227–9

Modification of pulmonary responses to endotoxemia in awake sheep by steroidal and nonsteroidal anti–inflammatory agents. Begley CJ, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1140–6

Neutrophil alveolitis following endotoxemia. Enhancement by previous exposure to hyperoxia. Rinaldo JE, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1065–71

Hepatosplanchnic insulin kinetics in awake endotoxemic Yucatan minipigs: the 'misinformed B–cell' hypothesis revisited. Fettman MJ, et al. **Circ Shock** 1984;14(4):237–50

Persistent hyperinsulinemia due to induced euglycemia in awake endotoxic minipigs. Hand MS, et al. **Circ Shock** 1984;14(3):169–87

Plasma catecholamines in the conscious rat during endotoxicosis. Jones SB, et al. **Circ Shock** 1984; 14(3):189–201

The limulus lysate index: early predictor of fatal sepsis. Schreibman B, et al. **Curr Surg** 1985 Mar–Apr;42(2):119–21

A micromethod for endotoxin assay in human plasma using Limulus amoebocyte lysate and a chromogenic substrate. Piotrowicz BI, et al. **Eur J Clin Microbiol** 1985 Feb; 4(1):52–4

Increased plasma levels of vasoactive intestinal polypeptide in pigs during endotoxinaemia. Revhaug A, et al. **Eur Surg Res** 1985;17(2):75–82

Derangement of hepatic energy metabolism in lead–sensitized endotoxicosis. Taki Y, et al. **Eur Surg Res** 1985;17(3):140–9

Endotoxaemia and acute pancreatitis: correlation between the severity of the disease and the anti–enterobacterial common antigen antibody titre. Kivilaakso E, et al. **Gut** 1984 Oct; 25(10):1065–70

Protective effects of trans–13–APT, a thromboxane receptor antagonist, in endotoxemia. Olanoff LS, et al. **J Cardiovasc Pharmacol** 1985 Jan–Feb;7(1):114–20

Effects of platelet depletion on the unanesthetized sheep's pulmonary response to endotoxemia. Snapper JR, et al. **J Clin Invest** 1984 Nov;74(5):1782–91

Detection of endotoxin in the plasma of patients with gram–negative bacterial sepsis by the Limulus amoebocyte lysate assay. Pearson FC, et al. **J Clin Microbiol** 1985 Jun; 21(6):865–8

Effect of anticoagulants on the chromogenic Limulus lysate assay for endotoxin. McConnell JS, et al. **J Clin Pathol** 1985 Apr;38(4):430–2

Observations on the measurement and evaluation of endotoxemia by a quantitative limulus lysate microassay. Cohen J, et al. **J Infect Dis** 1984 Dec;150(6):916–24

Failure to detect endotoxin in sera from patients with Lyme disease [letter] Schmid GP, et al. **J Infect Dis** 1984 Oct; 150(4):616

Role of antibiotic class in the rate of liberation of endotoxin during therapy for experimental gram–negative bacterial sepsis. Shenep JL, et al. **J Infect Dis** 1985 Jun;151(6):1012–8

Kinetics of endotoxin release during antibiotic therapy for experimental gram–negative bacterial sepsis. Shenep JL, et al. **J Infect Dis** 1984 Sep;150(3):380–8

Chemotactic activity of plasma and lung lymph in sheep with endotoxemia: effect of hydroxyl radical scavengers. Palder SB, et al. **J Surg Res** 1985 Feb;38(2):162–72

Ibuprofen and diphenhydramine reduce the lung lesion of endotoxemia in sheep. Traber DL, et al. **J Trauma** 1984 Sep;24(9):835–40

Endotoxemia in intensive care patients: a longitudinal study with the limulus amebocyte lysate test. Fink PC, et al. **Klin Wochenschr** 1984 Oct 15;62(20):986–91

Endotoxemia induced by antibiotic therapy: a mechanism for adrenal corticosteroid protection in gram–negative sepsis. Johnston CA, et al. **Trans Assoc Am Physicians** 1984; 97:172–81

Perchloric acid treatment and use of chromogenic substrate in the Limulus test: application to veterinary diagnosis. Hakogi E, et al. **Vet Microbiol** 1984 Dec;10(1):33–42

[Endotoxemia and liver diseases] Li P. **Chung Hua Nei Ko Tsa Chih** 1984 May;23(5):303–6 (Chi)

[Quantitative determination of plasma endotoxin in liver diseases and its clinical significance] Li P. **Chung Hua Nei Ko Tsa Chih** 1984 Jun;23(6):340–4, 397 (Eng. Abstr.) (Chi)

[Importance of postoperative endotoxin determination. A pilot study] Grundmann R, et al. **Chirurg** 1984 Aug; 55(8):523–5 (Eng. Abstr.) (Ger)

[Changes of circulating blood endotoxin analyzed by quantitative assay after intravenous administration of endotoxin] Nakao A, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):296–300 (Eng. Abstr.) (Jpn)

[Endotoxemia in various liver diseases and gram–negative septicemia using Limulus color test (LCT)] Yajima Y, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Oct; 81(10):2538–43 (Eng. Abstr.) (Jpn)

[Development of a new chromogenic Limulus test specific to endotoxin] Obayashi T, et al. **Rinsho Byori** 1985 Jun; 33(6):639–44 (Jpn)

[Medium–sized molecules and the degree of endogenous toxemia in intensive care patients] Gabrielian NI, et al. **Anesteziol Reanimatol** 1985 Jan–Feb;(1):36–8 (Eng. Abstr.) (Rus)

[A factor, circulating in the blood, capable of suppressing the immune response in terminal states of the body] Kheladze ZS. **Anesteziol Reanimatol** 1984 Nov–Dec; (6):42–5 (Eng. Abstr.) (Rus)

[Middle molecule levels in patients with psoriasis after hemosorption] Sharapova GIa, et al. **Sov Med** 1985; (4):38–41 (Eng. Abstr.) (Rus)

[Endogenous toxemia in acute peritonitis] Shurkalin BK, et al. **Sov Med** 1985;(4):83–5 (Rus)

GENETICS

A transposon–like structure related to the delta–endotoxin gene of Bacillus thuringiensis. Lereclus D, et al. **EMBO J** 1984 Nov;3(11):2561–7

Cloning and expression in Escherichia coli of the insecticidal delta–endotoxin gene of Bacillus thuringiensis var. israelensis. Ward ES, et al. **FEBS Lett** 1984 Oct 1; 175(2):377–82

Molecular cloning of the delta–endotoxin gene of Bacillus thuringiensis var. israelensis. Sekar V, et al. **Gene** 1985; 33(2):151–8

HISTORY

[Endotoxins in gastroenterology—a medico–historical sketch] Knoke M. **Dtsch Z Verdau Stoffwechselkr** 1984; 44(3):109–17 (Eng. Abstr.) (Ger)

IMMUNOLOGY

Septicaemic low birthweight neonates treated with human antibodies to endotoxin. Adhikari M, et al. **Arch Dis Child** 1985 Apr;60(4):382–4

Gram–negative bacteraemia: new therapeutic possibilities with anti–endotoxin antibodies. Gaffin SL. **Hamatol Bluttransfus** 1985;29:107–11

The role of serum in interleukin 1 production by human monocytes activated by endotoxins and their polysaccharide moieties. Cavaillon JM, et al. **Immunol Lett** 1985;10(1):35–41

Preventing death from shock by antibody to endotoxin core glycolipid [letter] **Lancet** 1985 Sep 7;2(8454):565–6

Prevention of gram–negative shock and death in surgical patients by antibody to endotoxin core glycolipid. Baumgartner JD, et al. **Lancet** 1985 Jul 13;2(8446):59–63

Ageing and the immune response—a unifying hypothesis? Horan MA, et al. **Mech Ageing Dev** 1984 Aug; 26(2–3):165–81 (136 ref.)

Serological assays against Staphylococcus aureus peptidoglycan, crude staphylococcal antigen and staphylolysin in the diagnosis of serious S. aureus infections. Christensson B, et al. **Scand J Infect Dis** 1985;17(1):47–53

Efficacy of type–specific and cross–reactive murine monoclonal antibodies directed against endotoxin during experimental sepsis. Dunn DL, et al. **Surgery** 1985 Aug; 98(2):283–90

Gut bacterial endotoxin: influence on gut–associated lymphoreticular tissue and host immune function. McGhee JR, et al. **Surv Immunol Res** 1984;3(4):241–52 (27 ref.)

[Immunological characteristics of a modifying effect of bacterial endotoxins on the growth of experimental tumors] Sakhno LA, et al. **Eksp Onkol** 1984;6(1):49–53 (Eng. Abstr.) (Rus)

ISOLATION & PURIFICATION

Isolation of a lipolytic factor (toxohormone–L) from ascites fluid of patients with hepatoma and its effect on feeding behavior. Masuno H, et al. **Eur J Cancer Clin Oncol** 1984 Sep;20(9):1177–85

Delta endotoxin of Bacillus thuringiensis subsp. israelensis. Armstrong JL, et al. **J Bacteriol** 1985 Jan;161(1):39–46

[Preliminary results of detecting endotoxin–like substances in Chlamydia trachomatis by the Limulus test] Yuan Y. **Chung Hua I Hsueh Tsa Chih** 1985 Feb;65(2):66–70 (Eng. Abstr.) (Chi)

METABOLISM

Specific binding of endotoxin to human monocytes and mouse macrophages: serum requirement. Haeffner–Cavaillon N, et al. **Cell Immunol** 1985 Mar; 91(1):119–31

Distribution of endotoxin and its effect on serum concentrations of C–reactive protein and cortisol in the plaice (Pleuronectes Platessa L.). White A, et al. **Comp Biochem Physiol [C]** 1984;79(1):97–101

The virulence in mice of Neisseria meningitidis variants differing in free endotoxin activities and cell envelope properties. Andersen BM, et al. **NIPH Ann** 1984 Dec; 7(2):47–59

Distribution and localization of endotoxin in the reticulo–endothelial system (RES) and in the main vessels of the rat during shock. Freudenberg N, et al. **Pathol Res Pract** 1985 Mar;179(4–5):517–27

Effect of benzylpenicillin in mice infected with endotoxin–liberating or non–liberating variant strains of Neisseria meningitidis. Andersen BM, et al. **Scand J Infect Dis** 1984;16(3):257–66

Endotoxin liberation and invasivity of Neisseria meningitidis. Andersen BM, et al. **Scand J Infect Dis** 1984;16(3):247–54

Identification of endotoxin–positive cells in the rat lung during shock. Freudenberg N, et al. **Virchows Arch [A]** 1984;404(2):197–211

[The effect of calcium antagonists on intracellular transport of epidermal growth factor and the conjugate of epidermal growth factor with pseudomonas exotoxin] Akiyama S. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):660–8 (Eng. Abstr.) (Jpn)

PHARMACODYNAMICS

Effects of prostaglandin E2, prostaglandin F2 alpha and endotoxin on plasma calcium levels in the goat. Fredriksson G, et al. **Acta Vet Scand** 1984;25(3):378–84

In vitro activation of murine Kupffer cells by lymphokines or endotoxins to lyse syngeneic tumor cells. Xu ZL, et al. **Am J Pathol** 1984 Dec;117(3):372–9

Mediation of endotoxin–induced changes in zinc metabolism in rats. DiSilvestro RA, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):E436–41

Endotoxin increases vasopressin release independently of known physiological stimuli. Kasting NW, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):E420–4

Glucose kinetics and body temperature after lethal and nonlethal doses of endotoxin. Lang CH, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):R471–8

Alteration of adipocyte calcium homeostasis by Escherichia coli endotoxin. Nelson KM, et al. **Am J Physiol** 1985 Mar; 248(3 Pt 2):R331–8

Endotoxin alters biochemical and morphological responses to pneumonectomy in adult rats. Sosenko IR, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R125–32

Effects of flunixin meglumine on blood pressure and fluid compartment volume changes in ponies given endotoxin. Dunkle NJ, et al. **Am J Vet Res** 1985 Jul;46(7):1540–4

Effect of Escherichia coli endotoxin and thyrotropin–releasing hormone on prolactin in lactating sows. Smith BB, et al. **Am J Vet Res** 1985 Jan;46(1):175–80

Effect of endotoxin administration on body fluid compartments in the horse. Spurlock GH, et al. **Am J Vet Res** 1985 May;46(5):1117–20

A fibrinolytic inhibitor of human alveolar macrophages. Induction with endotoxin. Chapman HA Jr, et al. **Am Rev Respir Dis** 1985 Sep;132(3):569–75

Effects of OKY–046, a selective thromboxane synthetase inhibitor, on endotoxin–induced lung injury in unanesthetized sheep. Kubo K, et al. **Am Rev Respir Dis** 1985 Sep;132(3):494–9

Protective effect of previous burn on murine endotoxemia. Spillert CR, et al. **Am Surg** 1984 Dec;50(12):653–5

Pulmonary dysfunction secondary to soft–tissue endotoxin. Wenger H, et al. **Arch Surg** 1985 Feb;120(2):159–65

Effect of bacterial endotoxin on the transmembrane electrical potential and plasma membrane fluidity of human monocytes. Larsen NE, et al. **Biochim Biophys Acta** 1985 Apr 26;815(1):1–8

Mucosal iron binding proteins and the inhibition of iron absorption by endotoxin. El–Shobaki F, et al. **Blut** 1985 Feb;50(2):95–101

Modification of endotoxin-induced haemodynamic and haematological changes in the rabbit by methylprednisolone, F(ab')2 fragments and rosmarinic acid. Bult H, et al. **Br J Pharmacol** 1985 Feb;84(2):317–27

In vivo and in vitro studies of bacterial endotoxin–membrane interactions and the effects of membrane–active agents. Garnett ME, et al. **Br J Pharmacol** 1984 Sep;83(1):15–21

Systemic hypoglycemia following central injection of endotoxin in mice. Amir S, et al. **Brain Res** 1985 Jul 29; 339(2):382–5

Valproic acid disposition in rabbits during chronic treatment with Escherichia coli endotoxin. Thiessen JJ, et al. **Can J Physiol Pharmacol** 1985 Apr;63(4):315–9

Role of sympathetic nerve activity in endotoxin induced hypotension in cats. Koyama S, et al. **Cardiovasc Res** 1985 Jan;19(1):32–7

Influence of membrane perturbation elicited after hormone treatment (hormonal imprinting) on the later hormone binding capacity of Tetrahymena pyriformis. Nozawa Y, et al. **Cell Mol Biol** 1985;31(1):13–6

Protective effects and role of endotoxin in experimental septicemia. Urbaschek B, et al. **Circ Shock** 1984; 14(4):209–22

Modification of lipid A reduces endotoxin–induced eye effects. Rosenbaum JT, et al. **Curr Eye Res** 1985 Jun; 4(6):707–11

Endotoxin–induced uveitis in the rat: observations on altered vascular permeability, clinical findings, and histology. Cousins SW, et al. **Exp Eye Res** 1984 Nov;39(5):665–76

Endotoxin–induced ocular inflammation increases prostaglandin E2 synthesis by rabbit lens. Fleisher LN, et al. **Exp Eye Res** 1985 May;40(5):711–9

Effects of different bacterial endotoxins on the drinking behaviour of the rat. Foca' A, et al. **G Batteriol Virol Immunol** 1984 Jan–Jun;77(1–6):9–18

Effect of endotoxin on fibronectin and Kupffer cell activity. Richards PS, et al. **Hepatology** 1985 Jan–Feb;5(1):32–7

Strain dependence of rat macrophage natural tumoricidal capacity and its stimulation by endotoxins. Lagadec P, et al. **Immunol Lett** 1985;9(2–3):117–22

Generation of slow–reacting substance (leukotrienes) by endotoxin and lipid A from human polymorphonuclear granulocytes. Bremm KD, et al. **Immunology** 1984 Oct; 53(2):299–305

The effect of endotoxin and radio–detoxified endotoxin on the serum T4 level of rats and response of their thyroid gland to exogenous TSH. Bertók L, et al. **Immunopharmacology** 1984 Dec;8(3–4):143–6

Monocyte chemotactic activity induced by intravitreal endotoxin. Rosenbaum JT, et al. **Invest Ophthalmol Vis Sci** 1985 Sep;26(9):1267–73

Modification of lymph by sheep caudal mediastinal node: effect of intranodal endotoxin. Adair TH, et al. **J Appl Physiol** 1984 Nov;57(5):1597–601

Endotoxin–tolerant rats are still protected from oxygen toxicity by low–dose endotoxin treatment. Frank L. **J Appl Physiol** 1985 Mar;58(3):819–22

Mitogenic effect of endotoxin on lung and tolerance of rats to hyperoxia. Koizumi M, et al. **J Appl Physiol** 1985 Aug; 59(2):315–9

Potentiation of lung vascular response to endotoxin by superoxide dismutase. Traber DL, et al. **J Appl Physiol** 1985 Mar;58(3):1005–9

Monocyte thromboplastin (tissue factor): complementary effect of lymphocytes upon its generation by endotoxin–stimulated monkey (Macaca fuscata) cells. Nakamura S, et al. **J Biochem (Tokyo)** 1985 Jun; 97(6):1603–9

Biological effects of White–type polysaccharides of gram–negative bacteria. Rothman J, et al. **J Biol Response Mod** 1985 Apr;4(2):169–84

Effect of oxygen and endotoxin on lactate dehydrogenase release, 5–hydroxytryptamine uptake, and antioxidant enzyme activities in endothelial cells. Block ER, et al. **J Cell Physiol** 1985 Feb;122(2):240–8

Generation in plasma of a fast–acting inhibitor of plasminogen activator in response to endotoxin stimulation. Colucci M, et al. **J Clin Invest** 1985 Mar;75(3):818–24

Fever and survival in aged mice after endotoxin challenge. Hoffman–Goetz L, et al. **J Gerontol** 1985 Jan;40(1):15–22

Bacterial endotoxin selectively prevents the expression of scavenger–receptor activity on human monocyte–macrophages. Van Lenten BJ, et al. **J Immunol** 1985 Jun;134(6):3718–21

Structural features of endotoxin required for stimulation of endothelial cell tissue factor production; exposure of preformed tissue factor after oxidant–mediated endothelial cell injury. Schorer AE, et al. **J Lab Clin Med** 1985 Jul; 106(1):38–42

Deficient Kupffer cell phagocytosis and lysosomal enzymes in the endotoxin–low–responsive C3H/HeJ mouse. McCuskey RS, et al. **J Leukocyte Biol** 1984 Nov; 36(5):591–600

Delta endotoxin inhibits Rb+ uptake, lowers cytoplasmic pH and inhibits a K+–ATPase in Manduca sexta CHE cells. English LH, et al. **J Membr Biol** 1985;85(3):199–204

Cell migration attachment and orientation in vitro are enhanced by partial demineralization of dentine and cementum and inhibited by bacterial endotoxin. Pitaru S, et al. **J Periodont Res** 1984 Nov;19(6):661–5

Pertussis toxin–catalyzed ADP–ribosylation: effects on the coupling of inhibitory receptors to the adenylate cyclase system. Moss J, et al. **J Recept Res** 1984;4(1–6):459–74

Synthesis by mouse peritoneal cells of G–CSF, the differentiation inducer for myeloid leukemia cells: stimulation by endotoxin, M–CSF and multi–CSF. Metcalf D, et al. **Leuk Res** 1985;9(1):35–50

Effects of aging and endotoxin on hepatic glucocorticoid action and glucose metabolism in mice. Stith RD, et al. **Mech Ageing Dev** 1985 Apr;30(1):73–8

Time course of changes in gluconeogenesis from various precursors in chronically endotoxemic rats. Spitzer JA, et al. **Metabolism** 1985 Sep;34(9):642–9

Enhancement of endotoxicity and reactivity with carbocyanine dye by sonication of lipopolysaccharide. Ogawa Y, et al. **Microbiol Immunol** 1984;28(12):1313–23

Inhibition of ascorbic acid uptake by endotoxin: evidence of mediation by serum factor(s). Aleo JJ, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):128–31

Factors influencing calcium influx in endotoxin–challenged fibroblasts. Subramoniam A, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):50–9

Endotoxin protection of rats from pulmonary oxygen toxicity: lack of complement involvement. Berg JT, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb; 47(2):309–12

SAR of the effect of endotoxin on serum angiotensin converting enzyme in the mouse. Hollinger MA. **Res Commun Chem Pathol Pharmacol** 1985 Jul;49(1):157–60

Shigella sonnei endotoxin reduces arterial blood pressure but does not alter pituitary pro–opiocortin cleavage and corticosterone release in the rat. Saija A, et al. **Res Commun Chem Pathol Pharmacol** 1984 Aug;45(2):313–6

Effects of bacterial endotoxins on neutrophil function. Wilson ME. **Rev Infect Dis** 1985 May–Jun;7(3):404–18 (81 ref.)

Model for cachexia in chronic disease: secretory products of endotoxin–stimulated macrophages induce a catabolic state in 3T3–L1 adipocytes. Pekala PH, et al. **Trans Assoc Am Physicians** 1984;97:251–9

[Changes in the white blood picture and the T– and B–lymphocyte counts in the peripheral blood of pigs after treatment with E. coli endotoxin] Andonova M, et al. **Vet Med Nauki** 1984;21(6):101–6 (Eng. Abstr.) (Bul)

[Hemodynamic and respiratory effects of the perfusion of low–dose endotoxin in intact heparinized dogs] D'Orio V, et al. **C R Soc Biol (Paris)** 1985;179(1):142–9 (Eng. Abstr.) (Fre)

[Metabolites of carbohydrate and energy metabolism in the liver of the rat following different endotoxin doses] Kopprasch S, et al. **Z Med Lab Diagn** 1984;25(7):360–6 (Eng. Abstr.) (Ger)

[Effects of endotoxin on rat erythrocyte membrane fluidity] Kadota Y. **Masui** 1985 Mar;34(3):292–300 (Eng. Abstr.) (Jpn)

[The mechanism of action of E.coli endotoxin on oxidative phosphorylation of the rat liver mitochondria] Ishiyama S, et al. **Nippon Geka Gakkai Zasshi** 1985 Jan;86(1):23–31 (Eng. Abstr.) (Jpn)

[Characteristics of the reaction of immunologically tolerant mice to the polyclonal stimulant salmozan] Kondrat'eva TK, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):714–6 (Eng. Abstr.) (Rus)

[Early manifestations of the effect of Salmonella endotoxin on the antioxidizing enzyme systems of the liver and intestines in the rat] Popkova NI, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):525–7 (Eng. Abstr.) (Rus)

[Comparative pharmacological analysis of the mechanisms of thrombocyte aggregation induced by bacterial toxins and ADP] Brill' GE, et al. **Farmakol Toksikol** 1985 Mar–Apr; 48(2):82–5 (Eng. Abstr.) (Rus)

PHYSIOLOGY

Campylobacter jejuni–associated hemolytic–uremic syndrome: a possible role for endotoxin [letter] Fumarola D, et al. **Arch Intern Med** 1985 Mar;145(3):573

POISONING

[Use of enterodes and enterosorb in patients with different pathologies concomitant with severe endotoxicosis] Shimanko II, et al. **Gematol Transfuziol** 1984 Nov; 29(11):31–5 (Eng. Abstr.) (Rus)

RADIATION EFFECTS

Prevention of cardiac damage induced by formyl–leurosine, a potent cytostatic agent, by radio–detoxified endotoxin (Tolerin) in dogs. Bertók L, et al. **Immunopharmacology** 1984 Aug;8(1):13–7

Enhancement of intrinsic antitumor activity in spore–endotoxin mixtures of Bacillus thuringiensis by exposure to ultraviolet radiation. Zamola B, et al. **Photochem Photobiol** 1985 Mar;41(3):361–5

STANDARDS

Comparison of several control standard endotoxins to the National Reference Standard Endotoxin—an HIMA collaborative study. Pearson FC, et al. **Appl Environ Microbiol** 1985 Jul;50(1):91–3

THERAPEUTIC USE

The endotoxin–pretreated, oxygen–adapted rat model in hyperbaric hyperoxia. Jackson RM, et al. **Aviat Space Environ Med** 1984 Aug;55(8):709–14

Muramyl dipeptide analogues as potentiators of the antitumor action of endotoxin. Bloksma N, et al. **Cancer Immunol Immunother** 1985;19(3):205–10

[Effect of endotoxin on the migration of hematopoietic colony–forming cells and on the repopulation of hematopoietic organs in partially irradiated mice] Klimova OV, et al. **Radiobiologiia** 1984 Nov–Dec;24(6):807–11 (Eng. Abstr.) (Rus)

TOXICITY

Inhibitory action of the Chinese medicinal preparation—anti–inflammatory agent No. 6—on DIC resulting from endotoxin: experimental study. Lin JS, et al. **Acta Acad Med Wuhan** 1985;5(1):23–9

Septicemia during pregnancy: a study in different species of experimental animals. Beller FK, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):967–75

Participation of central alpha–receptors on hemodynamic response to E. coli endotoxin. Koyama S. **Am J Physiol** 1984 Oct;247(4 Pt 2):R655–62

Hepatic glycerol flux after E. coli endotoxin administration. McGuinness OP, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R687–92

Endotoxin–induced hematologic and blood chemical changes in ponies: effects of flunixin meglumine, dexamethasone, and prednisolone. Ewert KM, et al. **Am J Vet Res** 1985 Jan;46(1):24–30

Effects of endotoxemia on lung water and hemodynamics in conscious calves. Olson NC, et al. **Am J Vet Res** 1985 Mar;46(3):711–8

Influence of endotoxin–induced fever on the pharmacokinetics of gentamicin in ewes. Wilson RC, et al. **Am J Vet Res** 1984 Dec;45(12):2495–7

The involvement of endotoxin in halothane–associated liver injury. Lind RC, et al. **Anesthesiology** 1984 Nov; 61(5):544–50

Antiglucocorticoid effects of endotoxin. Berry LJ, et al. **Circ Shock** 1984;14(2):137–45 (17 ref.)

Endotoxin–induced eicosanoid production by equine vascular endothelial cells and neutrophils. Bottoms GD, et al. **Circ Shock** 1985;15(3):155–62

Failure of a protease inhibitor to affect the cardiopulmonary response to endotoxin when combined with a cyclooxygenase inhibitor. Traber DL, et al. **Circ Shock** 1984;13(4):319–23

Anomalous effects of anti–inflammatory corticosteroids in endotoxin–induced ocular inflammation. Williams RN, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):113–9

Parenteral soya bean fat emulsions potentiate the hepatotoxicity of E. coli endotoxin in suckling rats. Heinonen KM, et al. **Experientia** 1984 Dec 15; 40(12):1439–40

D–Galactosamine hepatotoxicity is associated with endotoxin sensitivity and mediated by lymphoreticular cells in mice. Chojkier M, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):115–21

Metabolic and mitochondrial morphological changes that mimic Reye syndrome after endotoxin administration to rats. Yoder MC, et al. **Infect Immun** 1985 Jan;47(1):329–31

Effect of endotoxemia on hypoxic pulmonary vasoconstriction in unanesthetized sheep. Hutchison AA, et al. **J Appl Physiol** 1985 May;58(5):1463–8

Effect of reaming the papillary duct of cows' teats on keratin removal and penetrability of the duct to implanted Escherichia coli endotoxin. Schultze WD, et al. **J Dairy Res** 1985 Aug;52(3):361–8

The staphylococcal scalded skin syndrome. Dowsett EG. **J Hosp Infect** 1984 Dec;5(4):347–54 (62 ref.)

Modulation of endotoxin–induced neutrophil alveolitis by captopril and by hyperoxia. Rinaldo JE, et al. **J Leukocyte Biol** 1985 Jan;37(1):87–99

Augmentation of antibiotic nephrotoxicity by endotoxemia in the rabbit. Tune BM, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):425–30

Effect of a body burn on the lung response to endotoxin. Wong C, et al. **J Trauma** 1985 Jan;25(1):53–9

Some characteristics of the hyperreactivity to bacterial lipopolysaccharide induced in mice by Trypanosoma cruzi infection. Bambirra EA, et al. **Mem Inst Oswaldo Cruz** 1984 Oct–Dec;79(4):433–7

Hepatic drug–metabolizing enzyme system and endotoxin tolerance: structural requirement of LPS in induction of an early tolerance. Egawa K, et al. **Microbiol Immunol** 1984;28(11):1181–90

Changes in leukocyte count, blood glucose and coagulation system in calves injected with Escherichia coli endotoxin. Yagi Y, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Winter;23(4):158–60

The intestinal radiation syndrome: sepsis and endotoxin. Geraci JP, et al. **Radiat Res** 1985 Mar;101(3):442–50

Passive immunization against cachectin/tumor necrosis factor protects mice from lethal effect of endotoxin. Beutler B, et al. **Science** 1985 Aug 30;229(4716):869–71

The mediated effect of endotoxin and lead upon hepatic metabolism. Kuttner RE, et al. **Surg Gynecol Obstet** 1984 Oct;159(4):319–24

A model for thrombin protection against endotoxin. Taylor FB Jr, et al. **Thromb Res** 1984 Oct 15;36(2):177–85

[Effect of E. coli endotoxin on the amount of 2,3–diphosphoglycerate in rabbits] Angelov G, et al. **Vet Med Nauki** 1984;21(7–8):106–12 (Eng. Abstr.) (Bul)

[Experimental study on acute lung injury induced by E. coli endotoxin in the rat] Yan YZ. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1985 Feb;8(1):7–10, 60 (Eng. Abstr.) (Chi)

[Effects of endotoxin on activity of erythrocyte acetylcholinesterase] Xiao DM, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct;6(5):384–5 (Eng. Abstr.) (Chi)

[Biochemical aspects of endotoxicosis in rat: lipid peroxide formation and the effect of free radical scavengers] Sekigawa T. **Bull Chest Dis Res Inst Kyoto Univ** 1984 Mar;17(1–2):1–19 (Eng. Abstr.) (Jpn)

[Nonenzymatic fibrinolytic reaction to the intravenous administration of small doses of Salmonella endotoxin to rabbits] Esartiia DT, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):416–8 (Eng. Abstr.) (Rus)

[Protective properties of plasma from burned and irradiated rats in relation to the in vivo lethal effects of endotoxins] Budagov RS, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):96–9 (Eng. Abstr.) (Rus)

ENDOWMENTS see FINANCIAL MANAGEMENT

ENDRIN

METABOLISM

Short-term interactions between DDT and endrin accumulation and elimination in mosquitofish (Gambusia affinis). Denison MS, et al. **Arch Environ Contam Toxicol** 1985 May;14(3):315–20

POISONING

A case of fatal endrin poisoning. Runhaar EA, et al. **Hum Toxicol** 1985 May;4(3):241–7

Endrin toxicosis in a cat. Casteel SW, et al. **J Am Vet Med Assoc** 1985 May 1;186(9):988–9

Leads from the MMWR. Acute convulsions associated with endrin poisoning—Pakistan. **JAMA** 1985 Jan 18;253(3):334–5

Acute convulsions associated with endrin poisoning—Pakistan. **MMWR** 1984 Dec 14;33(49):687–8, 693

A suspected case of endrin toxicosis in a cat. Cook WO, et al. **Vet Hum Toxicol** 1985 Apr;27(2):111

TOXICITY

Toxicity of endrin and malathion mixtures to flagfish (Jordanella floridae). Hermanutz RO, et al. **Arch Environ Contam Toxicol** 1985 May;14(3):307–14

ENEMA

Hydrostatic reduction of childhood intussusception. The role of adjuvant glucagon medication. Mortensson W, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(4):261–4

Feasibility of double-contrast barium enema in the elderly. Wolf EL, et al. **AJR** 1985 Jul;145(1):47–8

Refractory distal ulcerative colitis responsive to 5-aminosalicylate enemas. Barber GB, et al. **Am J Gastroenterol** 1985 Aug;80(8):612–4

Mechanical preparation of the large bowel for elective surgery. Comparison of whole-gut lavage with the conventional enema and purgative technique. Panton ON, et al. **Am J Surg** 1985 May;149(5):615–9

The use of barium enema in the evaluation of patients with possible appendicitis. Wild RE, et al. **Am Surg** 1985 Aug;51(8):474–6

Barium enema in the diagnosis of colonic carcinoma. Stephenson G, et al. **Aust Clin Rev** 1984 Jun;(13):13–7

Pharmacokinetics and bioavailability of theophylline following enema and suppository administration in man. Cole ML, et al. **Biopharm Drug Dispos** 1984 Jul–Sep;5(3):229–40

Does a water soluble contrast enema assist in the management of acute large bowel obstruction: a prospective study of 117 cases. Stewart J, et al. **Br J Surg** 1984 Oct;71(10):799–801

Current perspectives in colon radiography: the postendoscopy and postbiopsy barium enema. Lappas JC, et al. **CRC Crit Rev Diagn Imaging** 1985;24(4):369–87 (59 ref.)

A comparison of prednisolone enemas with low-dose oral prednisolone in the treatment of acute distal ulcerative colitis. Hamilton I, et al. **Dis Colon Rectum** 1984 Nov;27(11):701–2

Explosion-safe, enema-free, nutritious colonoscopy preparation using a prepackaged formula diet. Kruss DM, et al. **Gastrointest Endosc** 1985 Feb;31(1):18–21

Severe allergic reaction: an unusual complication of barium enema. Javors BR, et al. **Gastrointest Radiol** 1984;9(4):357–8

Manometrically guided colon insufflation during double-contrast barium enemas. Short WF, et al. **Gastrointest Radiol** 1985;10(1):85–8

Therapeutic benefits from a poorly absorbed prednisolone enema in distal colitis. McIntyre PB, et al. **Gut** 1985 Aug;26(8):822–4

The use of povidone-iodine enema as pre-operative preparation for colorectal surgery: bacteriological study. Hay JM, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:115–6

Acute intussusception in childhood [editorial] **Lancet** 1985 Aug 3;2(8449):250–1

Managing acute intussusception [letter] Poston GJ, et al. **Lancet** 1985 Aug 24;2(8452):444

Oral electrolyte solutions for colonic lavage before colonoscopy or barium enema. **Med Lett Drugs Ther** 1985 Apr 26;27(686):39–40

The air contrast barium enema—indications and validity. Dodd GD. **Prog Clin Biol Res** 1985;186:133–49

Re: Immediate barium enema following colorectal biopsy [letter] Lareau DG. **Radiology** 1985 Sep;156(3):845–6

Release of gastrointestinal regulatory peptides after a soap enema. Jenssen TG, et al. **Scand J Gastroenterol** 1985 Aug;20(6):762–6

Colonoscopy and the barium enema: a radiologic viewpoint. Ott DJ, et al. **South Med J** 1985 Sep;78(9):1033–5

The obstructed intussusception in childhood. Potts SR, et al. **Ulster Med J** 1984;53(2):140–2

Role of barium enema in diagnosis of acute appendicitis: case report. Moss ML, et al. **Va Med** 1985 Jun;112(6):385–6

[Treatment of ulcerative colitis with disodium cromoglycate enemas and Chinese medicine] Wu WY. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):624–5 (Chi)

[Use of high osmotic saline enema in pediatric surgery] Liang F. **Chung Hua Hu Li Tsa Chih** 1984 Aug;19(4):219–20 (Chi)

[Colonic diverticulosis. Symptoms in patients referred for out-patient barium enema] Madsen PE, et al. **Ugeskr Laeger** 1985 Feb 4;147(6):511–2 (Eng. Abstr.) (Dan)

[Clinical value of contrast enema in surgical practice] Bielecki K. **Wiad Lek** 1985 Feb 15;38(4):283–5 (Eng. Abstr.) (Pol)

ADVERSE EFFECTS

Clinical application of in vitro studies for barium-enema examination following colorectal biopsy. Harned RK, et al. **Radiology** 1985 Feb;154(2):319–21

Acute scrotal lesion secondary to barium peritonitis in an infant. Grable MS, et al. **Urology** 1985 May;25(5):499–501

[Soap colitis. The usage of soap enemas in the county of Ribe] Nielsen A, et al. **Ugeskr Laeger** 1984 Nov 12;146(46):3534–6 (Eng. Abstr.) (Dan)

[A rare complication of Crohn disease following contrast enema of the small bowel] Rapf C, et al. **ROFO** 1985 May;142(5):583–4 (Ger)

[Effect of an enema on the macroscopic and microscopic appearance of the rectal mucosa] Buchmann P, et al. **Schweiz Med Wochenschr** 1985 Feb 23;115(8):273–4 (Eng. Abstr.) (Ger)

[Internal medicine case report. Chronic constipation, abdominal pain] Deuel W, et al. **Schweiz Rundsch Med Prax** 1985 Mar 26;74(13):337–9 (Ger)

METHODS

Intussusception in childhood: a review of 139 cases. Sparnon AL, et al. **Aust NZ J Surg** 1984 Aug;54(4):353–6

Accuracy of the double contrast enema in evaluation of the abdominal diffusion of ovarian carcinoma. Cozzi G, et al. **Tumori** 1985 Jun 30;71(3):301–4

[Prospective study of preparation for colon double-contrast studies with enemas compared to oral mannitol/Na-picosulfate administration with the same diet] Blasel U, et al. **Radiologe** 1984 Nov;24(11):520–3 (Eng. Abstr.) (Ger)

[Small intestine enema using a rectosigmoid catheter] Kinnunen J, et al. **ROFO** 1985 Mar;142(3):351–2 (Ger)

[Enteroclysis or intestinal transit (letter)] Pueyo FJ, et al. **Med Clin (Barc)** 1985 Jun 22;85(4):167–8 (Spa)

PSYCHOLOGY

[Klismaphilia—a newly described anomaly, psychopathy or unusual phenomenon?] Godlewski J, et al. **Psychiatr Pol** 1984 Mar–Apr;18(2):165–9 (Pol)

VETERINARY

Clinical, biochemical, acid-base, and electrolyte abnormalities in cats after hypertonic sodium phosphate enema administration. Atkins CE, et al. **Am J Vet Res** 1985 Apr;46(4):980–8

ENERGY EXPENDITURE see ENERGY METABOLISM

ENERGY-GENERATING RESOURCES

see related
POWER PLANTS
POWER SOURCES

Biomass fuel combustion and health. de Koning HW, et al. **Bull WHO** 1985;63(1):11–26

High-density winter brooding in a solar facility. Hughes BL, et al. **Poult Sci** 1985 May;64(5):817–23

Toxicology problems related to energy production. Edwards WC. **Vet Hum Toxicol** 1985 Apr;27(2):129–31

[Prediction of X-ray phenomena of the M and X categories] Bernshtein PB. **Kosm Biol Aviakosm Med** 1985 Jan–Feb;19(1):84–6 (Rus)

ECONOMICS

Boiling of drinking-water: can a fuel-scarce community afford it? Gilman RH, et al. **Bull WHO** 1985;63(1):157–63

A low-cost tritiated water solar evaporator. Couch JG, et al. **Health Phys** 1985 Jan;48(1):117–9

ENERGY METABOLISM

Energy expenditure on breathing during anaesthesia. Christensen KJ, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):280–2

The effect of severe trauma on muscle energy metabolism in man. Larsson J, et al. **Acta Chir Scand** 1984;150(8):611–8

Intracellular energy substrates in trauma. Larsson J, et al. **Acta Chir Scand [Suppl]** 1985;522:171–81

Starvation-induced changes in insulin binding to hypothalamic receptors in the rat. Melnyk RB, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):78–85

Platelet and adipocyte thermogenesis in hypothyroid patients: a microcalorimetric study. Valdemarsson S, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):361–6

The gastric fundic mucosal energy systems and the HCl-induced lesions in rats in dependence on starvation. Morón F, et al. **Acta Med Hung** 1984;41(4):253–8

Leg citrate metabolism at rest and during exercise in relation to diet and substrate utilization in man. Jansson E, et al. **Acta Physiol Scand** 1984 Oct;122(2):145–53

Electromyographic activity related to aerobic and anaerobic threshold in ergometer bicycling. Viitasalo JT, et al. **Acta Physiol Scand** 1985 Jun;124(2):287–93

Cerebral oxygen utilization as a gauge of brain energy metabolism. Gilboe DD, et al. **Adv Exp Med Biol** 1984;180:169–77

Normal muscle energy metabolism. Kushmerick MJ. **Adv Exp Med Biol** 1984;178:339–50

A phosphorus-31 nuclear magnetic resonance study of effects of altered thyroid state on cardiac bioenergetics. Keogh JM, et al. **Adv Myocardiol** 1985;6:299–309

A theoretical analysis of the rate of resting metabolism of isolated papillary muscle. Loiselle D. **Adv Myocardiol** 1985;6:205–16

In vivo phosphorus-31 nuclear magnetic resonance study of the regional metabolic response to cardiac ischemia. Malloy CR, et al. **Adv Myocardiol** 1985;6:461–4

Carbon-13 and phosphorus-31 nuclear magnetic resonance studies of myocardial metabolism in live guinea pigs. Neurohr KJ, et al. **Adv Myocardiol** 1985;6:185–93

Adenosine formation. Evidence for a direct biochemical link with energy metabolism. Newby AC, et al. **Adv Myocardiol** 1985;6:273–84

Alterations in the distribution of high-energy phosphates during ischemia in a canine model of reperfusion-induced ventricular fibrillation. Hale SL, et al. **Am Heart J** 1985 Sep;110(3):590–4

Energy metabolism during the postexercise recovery in man. Bielinski R, et al. **Am J Clin Nutr** 1985 Jul;42(1):69–82

Estimation of energy expenditure and maintenance energy requirements of college-age men and women. Borel MJ, et al. **Am J Clin Nutr** 1984 Dec;40(6):1264–72

Absorption of nutrient energy in southern Indian control subjects and patients with tropical sprue. Chacko A, et al. **Am J Clin Nutr** 1984 Oct;40(4):771–5

Isotope method for the measurement of carbon dioxide production rate in man [letter] Coward WA, et al. **Am J Clin Nutr** 1985 Mar;41(3):659–63

Resting energy expenditure in malnutrition [letter] Cunningham JJ. **Am J Clin Nutr** 1985 Feb;41(2):371–2

Diet and obesity. Danforth E Jr. **Am J Clin Nutr** 1985 May;41(5 Suppl):1132–45

Age and resting metabolism [letter] Garrow JS. **Am J Clin Nutr** 1985 Feb;41(2):372–5

Metabolic response of simultaneous versus sequential intravenous administration of amino acids and energy substrates to rats. Martins FM, et al. **Am J Clin Nutr** 1985 Jul;42(1):61–8

Calorie and protein intake and balance of men and women consuming self-selected diets. Miles CW, et al. **Am J Clin Nutr** 1984 Dec;40(6 Suppl):1361–7

Postprandial energy expenditure and respiratory quotient during early and late pregnancy. Nagy LE, et al. **Am J Clin Nutr** 1984 Dec;40(6):1258–63

Energy expenditure before and during energy restriction in obese patients. Ravussin E, et al. **Am J Clin Nutr** 1985 Apr;41(4):753–9

High energy expenditures influence the plasma lipid concentrations effected by dietary differences [letter] Reiser R. **Am J Clin Nutr** 1985 Feb;41(2):375–6

Seven-day activity and self-report compared to a direct measure of physical activity. Taylor CB, et al. **Am J Epidemiol** 1984 Dec;120(6):818–24

The time and energy expenditure of indigenous women horticulturalists in the northwest Amazon. Dufour DL. **Am J Phys Anthropol** 1984 Sep;65(1):37–46

Recovery from energy deficit in golden hamsters. Borer KT, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):R439–46

Energy sources in fully aerobic rest-work transitions: a new role for glycolysis. Connett RJ, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H922–9

Energy dependence of lung phosphatidylcholine biosynthesis studied with CO hypoxia. Fisher AB, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E89–93

Some consequences of body size. Ford LE. **Am J Physiol** 1984 Oct;247(4 Pt 2):H495–507

Physiological correlates of locomotory performance in a lizard: an allometric approach. Garland T Jr. **Am J Physiol** 1984 Nov;247(5 Pt 2):R806–15

Cardiac mechanics and energetics: chemomechanical transduction in cardiac muscle. Gibbs CL, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H199–206 (67 ref.)

Thermic effect of food after ingested versus tube-delivered meals. Hill JO, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E370–4

Effects of variable caloric restriction on utilization of ingested energy in rats. Hill JO, et al. **Am J Physiol** 1985 May;248(5 Pt 2):R549–59

Cerebral oxygen and energy metabolism during and after 30 minutes of moderate hypoxia. Kintner D, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):E475–82

Ischemic conduction failure and energy metabolism in experimental diabetic neuropathy. Low PA, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):E457–62

Relationships between aerobic and anaerobic energy production in turtle brain in situ. Lutz PL, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R740–4

Energy expenditure is reduced in preobese 2-day Zucker fa/fa rats. Moore BJ, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R262–5

Energy dependence of RNA degradation in rabbit reticulocytes. Park EA, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C390–5

Effects of adrenalectomy on energy balance of obese mice are diet dependent. Smith CK, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R13–22

Hypothalamic obesity, brown adipose tissue, and sympathoadrenal activity in rats. Vander Tuig JG, et al. **Am J Physiol** 1985 May;248(5 Pt 1):E607–17

Can measurements of proton relaxations of tissues tell us about their bioenergetics? Radda GK. **Ann Ist Super Sanita** 1983;19(1):81–3

Cerebral physiological and metabolic effects of hyperventilation in the neonatal dog. Young RS, et al. **Ann Neurol** 1984 Sep;16(3):337–42

Racial differences in the energy cost of standardised activities. Geissler CA, et al. **Ann Nutr Metab** 1985; 29(1):40–7

The effects of lactation on the relationship between metabolic rate and ambient temperature in the rat. Roberts SB, et al. **Ann Nutr Metab** 1985;29(1):19–22

Energy balance study in Singapore medical students. Saha N, et al. **Ann Nutr Metab** 1985;29(4):216–22

Biotin-dependent decarboxylases as energy transducing systems. Dimroth P. **Ann NY Acad Sci** 1985;447:72–85 (32 ref.)

Human cerebral metabolism: studies in normal subjects and patients with dementia and amnesia. Mazziotta JC. **Ann NY Acad Sci** 1985;444:269–86

The morphological factors affecting pulmonary diffusing capacity under various conditions of ambient temperature and energy expenditure. Yasukouchi A, et al. **Ann Physiol Anthropol** 1984 Apr;3(2):144–5

Fat and energy content of breast milk of malnourished and well nourished women, Brazil 1982. Marin Spring PC, et al. **Ann Trop Paediatr** 1985 Jun;5(2):83–7

The creatine-creatine phosphate energy shuttle. Bessman SP, et al. **Annu Rev Biochem** 1985;54:831–62 (162 ref.)

The status of YATP and maintenance energy as biologically interpretable phenomena. Tempest DW, et al. **Annu Rev Microbiol** 1984;38:459–86 (71 ref.)

Body size and energy metabolism. Heusner AA. **Annu Rev Nutr** 1985;5:267–93 (80 ref.)

Regulation of energy balance. Woo R, et al. **Annu Rev Nutr** 1985;5:411–33 (107 ref.)

Nucleotide metabolism and cellular damage in myocardial ischemia. Jennings RB, et al. **Annu Rev Physiol** 1985; 47:727–49 (146 ref.)

Metabolic substrates, cellular energy production, and the regulation of proximal tubular transport. Mandel LJ. **Annu Rev Physiol** 1985;47:85–101 (72 ref.)

Different metabolites might reduce food intake by the mitochondrial generation of reducing equivalents. Langhans W, et al. **Appetite** 1985 Jun;6(2):143–52

Control of the purine nucleotide cycle in extracts of rat skeletal muscle: effects of energy state and concentrations of cycle intermediates. Manfredi JP, et al. **Arch Biochem Biophys** 1984 Sep;233(2):515–29

Performance, food intake and thermal environment in piglets and chickens. Holub A, et al. **Arch Exp Veterinarmed** 1984 May;38(3):294–301

Influence of environmental temperature on nitrogen and energy metabolism in growing chickens. Thorbek G, et al. **Arch Exp Veterinarmed** 1984 May;38(3):458–66

Physiological responses of poultry to ambient temperature. van Kampen M. **Arch Exp Veterinarmed** 1984 May; 38(3):384–91

Activities in the placenta and fetal membranes of enzymes involved in energy metabolism. Herrmann U Jr, et al. **Arch Gynecol** 1985;236(4):249–54

The energy budget of Porcellio spinicornis Say (Porcellionidae, Isopoda) under laboratory conditions. Bukhari NA, et al. **Arch Int Physiol Biochim** 1984 Aug; 92(2):73–9

Paraplegic energy expenditure during negotiation of architectural barriers. Miller NE, et al. **Arch Phys Med Rehabil** 1984 Dec;65(12):778–9

Daily energy expenditure and basal metabolic rates of patients with spinal cord injury. Mollinger LA, et al. **Arch Phys Med Rehabil** 1985 Jul;66(7):420–6

Metabolic and respiratory effects of continuous and discontinuous lipid infusions. Occurrence in excess of resting energy expenditure. Abbott WC, et al. **Arch Surg** 1984 Dec;119(12):1367–71

Partitioning of nutrients in Merino ewes. I. Contribution of skeletal muscle, the pregnant uterus and the lactating mammary gland to total energy expenditure. Oddy VH, et al. **Aust J Biol Sci** 1984;37(5–6):375–88

The respiration and energy metabolism of sheep lymphocytes. Cheung K, et al. **Aust J Exp Biol Med Sci** 1984 Dec;62 (Pt 6):671–85

Food deprivation and exercise in the heat: thermoregulatory and metabolic effects. Francesconi RP, et al. **Aviat Space Environ Med** 1985 Aug;56(8):771–6

The energy expenditure of helicopter pilots. Thornton R, et al. **Aviat Space Environ Med** 1984 Aug;55(8):746–50

Cardiac tamponade in dogs with normal coronary arteries. II. Myocardial flow and metabolism with moderate and severe hemodynamic impairment. Cohen MV, et al. **Basic Res Cardiol** 1984 Sep–Oct;79(5):542–50

Tissue osmolality, metabolic response, and reperfusion in myocardial ischemia. Krieger WJ, et al. **Basic Res Cardiol** 1984 Sep–Oct;79(5):562–71

Enzyme release and glycolytic energy production. Piper HM, et al. **Basic Res Cardiol** 1985;80 Suppl 1:143–7

Substrate utilization of adult cardiac myocytes. Spahr R, et al. **Basic Res Cardiol** 1985;80 Suppl 1:53–6

Anoxia in neonatal rat heart cell cultures. Van der Laarse A, et al. **Basic Res Cardiol** 1985;80 Suppl 1:137–42

Transmembrane gradient of K+ ions as an energy source in the yeast Saccharomyces carlsbergensis. Okorokov LA, et al. **Biochem Int** 1983 Apr;6(4):463–72

The energetics of early platelet responses. Energy consumption during shape change and aggregation with special reference to protein phosphorylation and the polyphosphoinositide cycle. Verhoeven AJ, et al. **Biochem J** 1985 Jun 1;228(2):451–62

Leukotriene production in rat peritoneal leukocytes requires intact energy metabolism. Ahnfelt-Rønne I, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3095–100

Influence of aging and exogenous substances on cerebral energy metabolism in posthypoglycemic recovery. Benzi G, et al. **Biochem Pharmacol** 1985 May 1;34(9):1477–83

Energy metabolism during mammalian embryogenesis. Clough JR. **Biochem Soc Trans** 1985 Feb;13(1):77–9

Use of gated perfusion to study early effects of anoxia on cardiac energy metabolism: a new 31P NMR method. Barbour RL, et al. **Biochemistry** 1984 Dec 4;23(25):6053–62

Control of energy production in the heart: a new function for fatty acid binding protein. Fournier NC, et al. **Biochemistry** 1985 Apr 23;24(9):2387–96

Effect of sulfite on the energy metabolism of mammalian tissues in correlation to sulfite oxidase activity. Beck-Speier I, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):81–9

Regulation of energy flux through the creatine kinase reaction in vitro and in perfused rat heart. 31P-NMR studies. Kupriyanov VV, et al. **Biochim Biophys Acta** 1984 Dec 11;805(4):319–31

Synthesis of ATP catalyzed by the (Ca2+ + Mg2+)-ATPase from erythrocyte ghosts. Energy conservation in plasma membranes. Mas-Oliva J. **Biochim Biophys Acta** 1985 Jan 10;812(1):163–7

The dynamic basis of energy transduction in enzymes. Somogyi B, et al. **Biochim Biophys Acta** 1984 Sep 6; 768(2):81–112 (141 ref.)

Reciprocal effects of energy utilization on palmitate oxidation and esterification in hepatocytes of fed rats. Zaleski J, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):134–42

The liver is an organ site for the release of inosine metabolized by non-glycolytic pig red cells. Zeidler RB, et al. **Biochim Biophys Acta** 1985 Mar 8;838(3):321–8

Some aspects of renal energy and lipid metabolism in newborn rats. Hohenegger M, et al. **Biol Neonate** 1984; 46(4):177–85

Increased O2 consumption and energy loss in premature infants following medical care procedures. Yeh TF, et al. **Biol Neonate** 1984;46(4):157–62

Therapeutic implications of modulation of metabolism and functional activity of cerebral cortex by chronic stimulation of cerebellum and thalamus. Cooper IS, et al. **Biol Psychiatry** 1985 Jul;20(7):811–3

Brain energy metabolism and blood-brain barrier permeability in depressive patients: analyses of creatine, creatinine, urate, and albumin in CSF and blood. Niklasson F, et al. **Biol Psychiatry** 1984 Aug;19(8):1183–206

Slow wave sleep, shallow torpor and hibernation: homologous states of diminished metabolism and body temperature. Berger RJ. **Biol Psychol** 1984 Dec; 19(3–4):305–26 (115 ref.)

Mathematical modeling of mitochondrial energy transduction. Bohnensack R. **Biomed Biochim Acta** 1985; 44(6):853–62

Effect of various substrates on mitochondrial and cellular energy state of intact spermatozoa. Halangk W, et al. **Biomed Biochim Acta** 1985;44(3):411–20

Citrulline synthesis—a tool for investigation of the mitochondrial energy metabolism. Letko G, et al. **Biomed Biochim Acta** 1984;43(4):419–27

A kinetic model for the interaction of energy metabolism and osmotic states of human erythrocytes. Analysis of the stationary 'in vivo' state and of time dependent variations under blood preservation conditions. Werner A, et al. **Biomed Biochim Acta** 1985;44(2):185–212

Influence of metabolic fuel on the 13C/12C ratio of breath CO2. Schoeller DA, et al. **Biomed Mass Spectrom** 1984 Nov;11(11):557–61

A reassessment of the energy requirements for neutrophil migration: adenosine triphosphate depletion enhances chemotaxis. Lane TA, et al. **Blood** 1984 Nov;64(5):986–93

Simulation of the metabolism of absorbed energy-yielding nutrients in young sheep. Gill M, et al. **Br J Nutr** 1984 Nov;52(3):621–49

Response of male and female rats to undernutrition. 1. Changes in energy utilization, body composition and tissue turnover during undernutrition. Harris PM, et al. **Br J Nutr** 1984 Sep;52(2):289–306

Response of male and female rats to undernutrition. 2. Influence of ovariectomy on partition of nutrients by female rats during undernutrition. Harris PM, et al. **Br J Nutr** 1984 Sep;52(2):307–17

Human energy metabolism below, near and above energy equilibrium. Van Es AJ, et al. **Br J Nutr** 1984 Nov; 52(3):429–42

Ergogenic demands of a 24 hour cycling event. White JA, et al. **Br J Sports Med** 1984 Sep;18(3):165–71

Influence of substitution method and of food intake on bioassays to determine metabolisable energy with chickens. Pesti GM. **Br Poult Sci** 1984 Oct;25(4):495–504

Energy and nitrogen metabolism of broilers selected over ten generations for increased growth rate, food consumption and conversion of food to gain. Pym RA, et al. **Br Poult Sci** 1984 Oct;25(4):529–39

Energy relationships in growing chickens given daily injections of corticosterone. Siegel HS, et al. **Br Poult Sci** 1984 Oct;25(4):477–85

Effect of dietary amino acids and metabolisable energy on the performance of broilers kept at high temperatures. Sinurat AP, et al. **Br Poult Sci** 1985 Jan;26(1):117–28

Interactions between wheat and other dietary cereals with respect to metabolisable energy and digestible amino acids. Wallis IR, et al. **Br Poult Sci** 1985 Apr;26(2):265–74

Octanoic acid-induced coma and reticular formation energy metabolism. McCandless DW. **Brain Res** 1985 May 27; 335(1):131–7

Adenylate energy charge (AEC) response to stress and extraction technique in the Louisiana swamp crayfish, Procambarus clarkii. Sklar FH, et al. **Bull Environ Contam Toxicol** 1984 Nov;33(5):584–91

Mechanical energy in sculling and in rowing an ergometer. Martindale WO, et al. **Can J Appl Sport Sci** 1984 Sep; 9(3):153–63

The natural isotope tracing with 13C: a non-invasive method for studying the metabolism during exercise. Massicotte D, et al. **Can J Appl Sport Sci** 1984 Sep;9(3):164

Mechanisms of stimulus-calorigenesis coupling in brown adipose tissue. Bukowiecki LJ. **Can J Biochem Cell Biol** 1984 Jul;62(7):623–30 (48 ref.)

Quantitative contribution of brown adipose tissue thermogenesis to overall metabolism. Foster DO. **Can J Biochem Cell Biol** 1984 Jul;62(7):618–22 (36 ref.)

Brown adipose tissue thermogenesis, energy balance, and obesity. Himms-Hagen J. **Can J Biochem Cell Biol** 1984 Jul;62(7):610–7 (123 ref.)

Energy expenditure estimation in recipients of marrow transplants. Hutchinson ML, et al. **Cancer** 1984 Oct 15; 54(8):1734–8

The inspiratory work of breathing during assisted mechanical ventilation. Marini JJ, et al. **Chest** 1985 May;87(5):612–8

Effect of routine intensive care interactions on metabolic rate. Weissman C, et al. **Chest** 1984 Dec;86(6):815–8

Energy and substrate kinetics and oxidation during ketone infusion in septic dogs: role of changes in insulin and glucagon. Shaw JH, et al. **Circ Shock** 1984;14(1):63–79

Evaluation of energy metabolism in skeletal muscle of patients with heart failure with gated phosphorus-31 nuclear magnetic resonance. Wilson JR, et al. **Circulation** 1985 Jan;71(1):57–62

Reference values of blood components related to fuel metabolism in children after an overnight fast. Lamers KJ, et al. **Clin Chim Acta** 1985 Jan 15;145(1):17–26

Integration of energy intake and expenditure in animals and man: the autonomic and adrenal hypothesis. Bray GA. **Clin Endocrinol Metab** 1984 Nov;13(3):521–46 (123 ref.)

The role of thyroid hormones in the control of energy expenditure. Danforth E Jr, et al. **Clin Endocrinol Metab** 1984 Nov;13(3):581–95 (43 ref.)

Energy expenditure in obesity. Jéquier E. **Clin Endocrinol Metab** 1984 Nov;13(3):563–80 (78 ref.)

The role of the sympathoadrenal system in modulating energy expenditure. Landsberg L, et al. **Clin Endocrinol Metab** 1984 Nov;13(3):475–99 (117 ref.)

Investigation of cerebral energy metabolism in newborn infants by phosphorus nuclear magnetic resonance spectroscopy. Hope PL, et al. **Clin Perinatol** 1985 Feb; 12(1):261–75

A calorimetric system for metabolic studies of newborn babies. Dane HJ, et al. **Clin Phys Physiol Meas** 1985 Feb; 6(1):37–46

Relationship between uphill running performance at altitude and blood metabolite levels. Hoyt RW, et al. **Clin Physiol Biochem** 1984;2(4):192–7

The effect of long-term circulatory occlusion on pH and energy metabolism of the quadriceps muscle in man.

Sjöholm H, et al. **Clin Sci** 1985 May;68(5):597–600

The influence of metabolic cost upon the level and precision of behavioral thermoregulation in an eurythermic lizard. Campbell JD. **Comp Biochem Physiol [A]** 1985; 81(3):597–601

Energy production per circulatory cycle: a constant in resting land vertebrates? Coulson RA, et al. **Comp Biochem Physiol [A]** 1984;79(1):133–6

Direct and indirect calorimetry measurements during the annual growth cycle of juvenile frogs Rana ridibunda P. Hérold JP, et al. **Comp Biochem Physiol [A]** 1985; 81(3):465–8

Minimal metabolism, summit metabolism and plasma thyroxine in rodents from different environments. Hulbert AJ, et al. **Comp Biochem Physiol [A]** 1985;81(3):687–93

Metabolic rate and body temperature of adult and juvenile hyrax (Procavia capensis). McNairn IS, et al. **Comp Biochem Physiol [A]** 1984;79(4):539–45

The energetic cost of the fever response in three species of ectothermic vertebrates. Muchlinski AE. **Comp Biochem Physiol [A]** 1985;81(3):577–9

Determination of the energetic cost of swimming from the analysis of growth rate and body composition in juvenile chinook salmon, Oncorhynchus tshawytscha. White JR, et al. **Comp Biochem Physiol [A]** 1985;81(1):25–33

Validation of the doubly labeled water technique for measuring energy metabolism in starlings and sparrows. Williams JB. **Comp Biochem Physiol [A]** 1985;80(3):349–53

Adenylate energy charge, arginine phosphate and ATPase activity in juvenile Homarus americanus during the molt cycle. Dehn PF, et al. **Comp Biochem Physiol [B]** 1985; 81(3):629–33

Effect of hibernation on liver and kidney metabolism in 13-lined ground squirrels. Green CJ, et al. **Comp Biochem Physiol [B]** 1984;79(2):167–71

Human placental energy metabolism: its relevance to in vitro perfusion. Bloxam DL. **Contrib Gynecol Obstet** 1985; 13:59–69

Calculation of resting energy expenditure [letter] Brandi LS. **Crit Care Med** 1985 Jul;13(7):611

Measured and predicted caloric expenditure in the acutely ill. Mann S, et al. **Crit Care Med** 1985 Mar;13(3):173–7

Fluctuations in resting energy expenditure [letter] Peters J, et al **Crit Care Med** 1984 Oct;12(10):926

Activation of Na+-dependent transport at fertilization in the sea urchin: requirements of both an early event associated with exocytosis and a later event involving increased energy metabolism. Schneider EG. **Dev Biol** 1985 Mar;108(1):152–63

Physiological cost index of walking for normal children and its use as an indicator of physical handicap. Butler P, et al. **Dev Med Child Neurol** 1984 Oct;26(5):607–12

Energy cost index as an estimate of energy expenditure of cerebral-palsied children during assisted ambulation. Rose J, et al. **Dev Med Child Neurol** 1985 Aug;27(4):485–90

Creamatocrit, carbon content, and energy value of pooled banked human milk: implications for feeding preterm infants. Smith L, et al. **Early Hum Dev** 1985 May; 11(1):75–80

Physiology of resuscitation. Winegar CD, et al. **Emerg Med Clin North Am** 1983 Dec;1(3):479–99 (160 ref.)

Maximal anaerobic (lactic) capacity and power of the horse. Saibene F, et al. **Equine Vet J** 1985 Mar;17(2):130–2

Effect of pedal rate, brake load and power on metabolic responses to bicycle ergometer work. Croisant PT, et al. **Ergonomics** 1984 Jun;27(6):691–700

Permissible loads based on energy expenditure measurements. Jørgensen K. **Ergonomics** 1985 Jan;28(1):365–9

Metabolic and cardiovascular cost, and perceived effort over an 8 hour day when lifting loads selected by the psychophysical method. Legg SJ, et al. **Ergonomics** 1985 Jan;28(1):337–43

Metabolic, cardiovascular and spinal strain of a representative fuel replenishment task. Legg SJ. **Ergonomics** 1985 May; 28(5):773–80

Energy expenditure constrained by sex and age. Rutenfranz J. **Ergonomics** 1985 Jan;28(1):115–8

Overall myocardial energetics in physiological conditions and in acute volume overloading. Bui-Mong-Hung, et al. **Eur Heart J** 1984 Dec;5 Suppl F:27–36

The effect of corrective surgery on energy expenditure during ambulation in children with cerebral palsy. Dahlbäck GO, et al. **Eur J Appl Physiol** 1985;54(1):67–70

A comparison of the effect of external loading upon power output in stair climbing and running up a ramp. Kyle CR, et al. **Eur J Appl Physiol** 1985;54(1):99–103

Effect of trunk load on the energy expenditure of treadmill walking and ergometer cycling. Myo-Thein, et al. **Eur J Appl Physiol** 1985;54(1):122–4

Plasma renin activity and serum aldosterone during prolonged physical strain. The significance of sleep and energy deprivation. Opstad PK, et al. **Eur J Appl Physiol** 1985;54(1):1–6

Metabolic changes induced by combined prolonged exercise and low-calorie intake in man. Marniemi J, et al. **Eur J Applied Physiol** 1984;53(2):121–7

Energy sources in alpine skiing (giant slalom). Saibene F, et al. **Eur J Applied Physiol** 1985;53(4):312–6

Membrane-linked energy transductions. Bioenergetic functions of sodium: H+ is not unique as a coupling ion. Skulachev VP. **Eur J Biochem** 1985 Sep 2;151(2):199–208 (65 ref.)

Effect of tourniquet ischaemia on carbohydrate metabolism of dog skeletal muscle. Hörl M, et al. **Eur Surg Res** 1985; 17(1):53–60

Energetic aspects of skeletal muscle contraction: implications of fiber types. Rall JA. **Exerc Sport Sci Rev** 1985;13:33–74 (130 ref.)

Coupling factors in nutrient-induced insulin release. Malaisse WJ, et al. **Experientia** 1984 Oct 15;40(10):1035–43 (88 ref.)

Nutrient metabolism in islet cells. Sener A, et al. **Experientia** 1984 Oct 15;40(10):1026–35 (112 ref.)

Osmotic effects on bacterial transport and energetics. Erecińska M, et al. **FEBS Lett** 1985 Aug 19;188(1):145–9

On the logic of the application of double-inhibitor titrations for the elucidation of the mechanisms of energy coupling. O'Shea PS, et al. **FEBS Lett** 1984 Oct 15;176(1):79–82

Comment on 'On the logic of the application of double-inhibitor titrations for the elucidation of the mechanism of energy coupling' by P.S. O'Shea and M. Thelen (FEBS Letters 176 (1984) 79–82). van der Bend RL, et al. **FEBS Lett** 1985 Jul 1;186(1):8–10

Metabolism of substrates: energy substrate metabolism during exercise and as modified by training. Gollnick PD. **Fed Proc** 1985 Feb;44(2):353–7

Energy requirements of captive cotton-top tamarins (Saguinus oedipus oedipus). Kirkwood JK, et al. **Folia Primatol (Basel)** 1984;42(3–4):180–7

The value of time-use data in nutrition. Lunven P. **Food Nutr (Roma)** 1983;9(2):33–8

Reversible and irreversible ischaemic damage: importance of energy metabolism. Ferrari R, et al. **G Ital Cardiol** 1984 Nov;14(11):867–74

Metabolic aspects of compensatory mechanisms in cardiac failure. Kübler W, et al. **G Ital Cardiol** 1984 Sep; 14(9):678–84

Substrate-level energy dependence of acid secretion in the isolated human gastric mucosa. Chacín J, et al. **Gastroenterology** 1985 Sep;89(3):525–31

Protein and energy relations in the broiler. 3. Growth and in vitro lipid metabolism in male and female chickens used as parent stock. Rosebrough RW, et al. **Growth** 1985 Spring;49(1):63–77

Studies on the hormonal regulation of fuel metabolism in the human newborn infant undergoing anaesthesia and surgery. Anand KJ, et al. **Horm Res** 1985;22(1–2):115–28

Energy metabolism during exercise in normal subjects undergoing total starvation. Elia M, et al. **Hum Nutr Clin Nutr** 1984 Sep;38(5):355–62

Within-subjects between-weeks variation in 24-hour energy expenditure for fixed physical activity. Garby L, et al. **Hum Nutr Clin Nutr** 1984 Sep;38(5):391–4

Within-subjects between-days-and-weeks variation in energy expenditure at rest. Garby L, et al. **Hum Nutr Clin Nutr** 1984 Sep;38(5):395–7

Prediction of weights in humans after overfeeding using the Payne-Dugdale model. Hansen ES, et al. **Hum Nutr Clin Nutr** 1984 Nov;38(6):413–8

Use of two-point sampling for the doubly-labelled water method [letter] Schoeller DA. **Hum Nutr Clin Nutr** 1984 Nov;38(6):477–80

Energy intake and energy output of Burmese farmers at different seasons. Tin-May-Than, et al. **Hum Nutr Clin Nutr** 1985 Jan;39(1):7–15

Thermogenesis induced by nutrient administration in man. Jéquier E. **Infusionsther Klin Ernahr** 1984 Aug;11(4):184–8

The role of smoking in the regulation of energy balance. Dallosso HM, et al. **Int J Obes** 1984;8(4):365–75

Weight-reducing diets, the thermic effect of feeding and energy balance in young women. Morgan JB. **Int J Obes** 1984;8(6):629–40

Fiber type distribution and maximal activities of enzymes involved in energy metabolism following short-term supramaximal exercise. Green HJ, et al. **Int J Sports Med** 1984 Aug;5(4):198–201

Anaerobic threshold during arm and leg exercises and cardiorespiratory fitness tests in a group of male and female students. Nikolić Z, et al. **Int J Sports Med** 1984 Dec; 5(6):330–5

Energy metabolism in reperfused heart muscle: metabolic correlates to return of function. Taegtmeyer H, et al. **J Am Coll Cardiol** 1985 Oct;6(4):864–70

Effects of maternal streptozotocin-diabetes on fetal growth, energy reserves and body composition of newborn pigs. Ezekwe MO, et al. **J Anim Sci** 1984 Oct;59(4):974–80

Effects of level of feed intake on nitrogen, amino acid and energy digestibilities measured at the end of the small intestine and over the total digestive tract of growing pigs. Haydon KD, et al. **J Anim Sci** 1984 Sep;59(3):717–24

Dietary energy density and frame size effects on composition of gain in feedlot cattle. McCarthy FD, et al. **J Anim Sci** 1985 Mar;60(3):781–90

Energy utilization of weanling pigs raised under pen conditions. McNutt SD, et al. **J Anim Sci** 1984 Sep; 59(3):738–45

Effect of 1,3-butanediol and short chain acids in sow gestation diets on maternal plasma metabolites and fetal energy storage. Spence CA, et al. **J Anim Sci** 1985 May; 60(5):1280–7

Energy balances of lactating sows in relation to feeding level and stage of lactation. Verstegen MW, et al. **J Anim Sci** 1985 Mar;60(3):731–40

Potentially conflicting metabolic demands of diving and exercise in seals. Castellini MA, et al. **J Appl Physiol** 1985 Feb;58(2):392–9

Effects of cell size and exercise on glucose uptake and metabolism in adipocytes of female rats. Craig BW, et al. **J Appl Physiol** 1984 Oct;57(4):1120–5

Effects of altered ambient temperature on metabolic rate during CO2 inhalation. Kaminski RP, et al. **J Appl Physiol** 1985 May;58(5):1592–6

Energy-dependent cell cohesion in myxobacteria. Gilmore DF, et al. **J Bacteriol** 1985 Jan;161(1):113–7

Energetics of the first steps of phage infection. Labedan B, et al. **J Bioenerg Biomembr** 1984 Feb;16(1):1–9 (52 ref.)

New molecular aspects of energy-transducing protein complexes. Nelson N, et al. **J Bioenerg Biomembr** 1984 Feb;16(1):11–36 (197 ref.)

Steady-state kinetics of the overall oxidative phosphorylation reaction in heart mitochondria. Evidence for linkage of the energy-yielding and energy-consuming steps by freely diffusible intermediates and for an allosteric mechanism of respiratory control at coupling site 2. Stoner CD. **J Bioenerg Biomembr** 1985 Apr;17(2):85–108

A comparison of energy metabolism and the effects of beta-adrenergic stimulation in the tongue and attached gingiva of the dog. Robin O, et al. **J Biol Buccale** 1985 Mar;13(1):27–36

Energy consumption in a cyclic phosphorylation/dephosphorylation cascade. Shacter E, et al. **J Biol Chem** 1984 Oct 10;259(19):12260–4

Balanced contribution of glycolytic and adenylate pool in supply of metabolic energy in platelets. Verhoeven AJ, et al. **J Biol Chem** 1985 Mar 10;260(5):2621–4

In vivo studies of energy metabolism in experimental cerebral ischemia using topical magnetic resonance. Changes in 31P-nuclear magnetic resonance spectra compared with electroencephalograms and regional cerebral blood flow. Horikawa Y, et al. **J Cereb Blood Flow Metab** 1985 Jun; 5(2):235–40

Brain tissue acidosis and changes of energy metabolism in mild incomplete ischemia—topographical study. Kim SH, et al. **J Cereb Blood Flow Metab** 1985 Sep;5(3):432–8

Metabolic consequences of dieting and exercise in the treatment of obesity. Donahoe CP Jr, et al. **J Consult Clin Psychol** 1984 Oct;52(5):827–36

The general energy metabolism and economy, and morphogenetic observations on the embryo of Hyalomma dromedarii. Ahmed SH, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):455–61

Effect of different growth hormone-releasing factors on the concentrations of growth hormone, insulin and metabolites in the plasma of sheep maintained in positive and negative energy balance. Hart IC, et al. **J Endocrinol** 1985 Apr; 105(1):113–9

Effects of search cost on foraging and feeding: a three-component chain analysis. Peden BF, et al. **J Exp Anal Behav** 1984 Sep;42(2):211–21

Fuels and pathways as designed systems for support of muscle work. Hochachka PW. **J Exp Biol** 1985 Mar;115:149–64

Patterns in mammalian muscle energetics. Kushmerick MJ. **J Exp Biol** 1985 Mar;115:165–77

Metabolic heterogeneity of muscle fibres. Pette D. **J Exp Biol** 1985 Mar;115:179–89

Energy coupling to K+ uptake via the Trk system in Escherichia coli: the role of ATP. Stewart LM, et al. **J Gen Microbiol** 1985 Jan;131 (Pt 1):77–85

Energy balance studies in frog skeletal muscles shortening at one-half maximal velocity. Homsher E, et al. **J Gen Physiol** 1984 Sep;84(3):347–59

Reappraisal of diffusion, solubility, and consumption of oxygen in frog skeletal muscle, with applications to muscle energy balance. Mahler M, et al. **J Gen Physiol** 1985 Jul; 86(1):105–34

Increased energy expenditure by granulocytes during phagocytosis of Staphylococcus aureus compared with other staphylococci. Eftimiadi C, et al. **J Infect Dis** 1984 Sep;150(3):366–71

Role of very low density lipoproteins in the energy metabolism of the rat. Wolfe RR, et al. **J Lipid Res** 1985 Feb;26(2):210–7

Transmural inhomogeneity of energy metabolism during acute global ischemia in the isolated rat heart: dependence on environmental conditions. Fiolet JW, et al. **J Mol Cell Cardiol** 1985 Jan;17(1):87–92

Positron computed tomography for the in vivo assessment of regional myocardial function. Schelbert HR, et al. **J Mol Cell Cardiol** 1984 Aug;16(8):683–93

Rate equations and kinetics of uptake of alpha-aminoisobutyric acid and gamma-aminobutyric acid by mouse cerebrum slices incubated in media containing L(+)-lactate or a mixture of succinate, L-malate, and pyruvate as the energy source. Cohen SR. **J Neurochem** 1985 Feb;44(2):455–64

Composite technique for regional neurochemical studies: measurement of energy and neurotransmitter metabolites in single tissue sample. Djuricic BM, et al. **J Neurochem** 1985 Jun;44(6):1920–4

P-31 nuclear magnetic resonance analysis of brain: II. Effects of oxygen deprivation on isolated perfused and nonperfused rat brain. Kopp SJ, et al. **J Neurochem** 1984 Dec; 43(6):1716–31

Changes in brain energy metabolism and protein synthesis following transient bilateral ischemia in the gerbil. Nowak TS Jr, et al. **J Neurochem** 1985 Feb;44(2):487–94

A study of cerebral blood flow and metabolism in epileptic psychosis using positron emission tomography and oxygen. Gallhofer B, et al. **J Neurol Neurosurg Psychiatry** 1985 Mar;48(3):201-6

Male and female differences in enzyme activities of energy metabolism in vastus lateralis muscle. Green HJ, et al. **J Neurol Sci** 1984 Sep;65(3):323-31

Effects of dietary protein and exercise on brown adipose tissue and energy balance in experimental animals. Bell RR, et al. **J Nutr** 1984 Oct;114(10):1900-8

Oxygen consumption in mice (I strain) after feeding. Hoover-Plow J, et al. **J Nutr** 1985 Mar;115(3):303-10

Energetic efficiency during pregnancy in mice fed ad libitum or pair-fed to the normal energy intake of unmated animals. Richard D, et al. **J Nutr** 1985 May;115(5):593-600

Effect of ambient temperature on the energy requirements of the lactating rat. Roberts SB, et al. **J Nutr** 1985 Aug; 115(8):980-5

Lactation increases the efficiency of energy utilization in rats. Roberts SB, et al. **J Nutr** 1984 Dec;114(12):2193-200

Energy balance, thermogenesis and brown adipose tissue activity in tube-fed rats. Rothwell NJ, et al. **J Nutr** 1984 Oct;114(10):1965-70

Response surfaces of body protein and energy gains in growing chicks fed diets over the entire range of compositions of protein, fat and carbohydrate. Toyomizu M, et al. **J Nutr** 1985 Jan;115(1):61-9

Effect of protein intake level on urinary energy/nitrogen ratio in Japanese. Kaneko K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Dec;30(6):561-7

Relation of body energetic status to dietary self-selection in Sprague-Dawley rats. Matsuo T, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Jun;30(3):255-64

Comparison of mechanical work and metabolic energy consumption during normal gait. Burdett RG, et al. **J Orthop Res** 1983;1(1):63-72

Comparative cost of walking in young and old adults. Waters RL, et al. **J Orthop Res** 1983;1(1):73-6

Energy needs and nutritional rehabilitation in undernourished adolescents and young adult patients with cystic fibrosis. Pencharz P, et al. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S147-53

Effects of subdiaphragmatic vagotomy on energy balance and thermogenesis in the rat. Andrews PL, et al. **J Physiol (Lond)** 1985 May;362:1-12

Energy metabolism of the developing brain. Abrams RM, et al. **J Reprod Med** 1985 Apr;30(4):318-23

Fuel utilization following injury: relationship to hormonal environment. Bessey PQ, et al. **J Surg Res** 1985 May; 38(5):484-93

A macrophage-mediated factor that increases the high energy phosphate content of skeletal muscle. Morris AS, et al. **J Surg Res** 1985 Apr;38(4):373-82

Elevated energy expenditure in hepatocytes from tumor-bearing rats. Roh MS, et al. **J Surg Res** 1985 May; 38(5):407-15

Optimization of error-correction processes with respect to time. Comparison to free energy aspects. Blomberg C. **J Theor Biol** 1985 Jul 21;115(2):241-68

Energy transformation and entropy production in living systems I. Applications to embryonic growth. Briedis D, et al. **J Theor Biol** 1984 Sep 21;110(2):173-93

The coulombic hypothesis of mitochondrial energy transduction: a quantitative emendation. Malpress FH. **J Theor Biol** 1985 May 21;114(2):351-2

The coulombic hypothesis of mitochondrial energy transduction: an attempt to quantify relationships in the energized zones. Malpress FH. **J Theor Biol** 1984 Nov 21; 111(2):397-405

Thermosynthesis by biomembranes: energy gain from cyclic temperature changes. Muller AW. **J Theor Biol** 1985 Aug 7;115(3):429-53

Some thoughts on the evolutionary basis for the prominent role of ATP and ADP in cellular energy metabolism. Wilson JE. **J Theor Biol** 1984 Dec 21;111(4):615-23

How might nuclear magnetic resonance be used in the in vivo monitoring of energy metabolism and substrate flow? Chance B. **J Trauma** 1984 Sep;24(9 Suppl):S154-66

Energy expenditure after spinal cord injury: an evaluation of stable rehabilitating patients. Cox SA, et al. **J Trauma** 1985 May;25(5):419-23

Muscle ischemia and hypothermia: a bioenergetic study using 31phosphorus nuclear magnetic resonance spectroscopy. Osterman AL, et al. **J Trauma** 1984 Sep;24(9):811-7

Use of indirect calorimetry in the nutritional management of burned patients. Saffle JR, et al. **J Trauma** 1985 Jan; 25(1):32-9

Predicting energy expenditures in burned patients. Turner WW Jr, et al. **J Trauma** 1985 Jan;25(1):11-6

Indirect calorimetry system for assessment of resting energy expenditure [letter] Macfie J. **JPEN** 1984 Sep-Oct;8(5):594

Energy requirements of parenterally fed bone marrow transplant recipients. Szeluga DJ, et al. **JPEN** 1985 Mar-Apr;9(2):139-43

The effect of nitrate on the oxygen availability during exercise in effort angina pectoris. Yamabe H, et al. **Jpn Heart J** 1984 Nov;25(6):1019-28

The sodium pump and energy regulation: some new aspects for essential hypertension, diabetes II and severe overweight. Henningsen NC. **Klin Wochenschr** 1985;63 Suppl 3:4-8 (64 ref.)

The pathophysiology of cholesterol metabolism in man. Packard CJ, et al. **Klin Wochenschr** 1985 Apr 15; 63(8):344-51

Maternal energy reserves and birthweight [letter] **Lancet** 1985 Mar 9;1(8428):574-6

Maternal energy reserves and birthweight [letter] Briend A. **Lancet** 1985 Jun 15;1(8442):1394

Energy maintenance cost during pregnancy in healthy Swedish women [letter] Forsum E, et al. **Lancet** 1985 Jan 12;1(8420):107-8

Are pre-obese people energy thrifty? Garrow JS, et al. **Lancet** 1985 Mar 23;1(8430):670-1

Unexpectedly low levels of energy expenditure in healthy women. Prentice AM, et al. **Lancet** 1985 Jun 22; 1(8443):1419-22

Defective energy metabolism of the heart in diabetes. Taegtmeyer H, et al. **Lancet** 1985 Jan 19;1(8421):139-41

Cerebral energy metabolism in rats studied by phosphorus nuclear magnetic resonance using surface coils. Bottomley PA, et al. **Magn Reson Imaging** 1982;1(2):81-5

Observations of energy metabolism in neuroectodermal tumors using in vivo 31P-NMR. Naruse S, et al. **Magn Reson Imaging** 1985;3(2):117-23

Energy expenditure in patients with low-, mid-, or high-thoracic paraplegia using Scott-Craig knee-ankle-foot orthoses. Merkel KD, et al. **Mayo Clin Proc** 1985 Mar;60(3):165-8

Metabolic and cinematographic analysis of walking and running in men and women. Bhambhani Y, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):131-7

Effects of shoes and foot orthotics on VO2 and selected frontal plane knee kinematics. Burkett LN, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):158-63

Clinical disorders of muscle energy metabolism. Layzer RB, et al. **Med Sci Sports Exerc** 1984 Oct;16(5):451-5

Psychogenic factors and exercise metabolism: a review. Morgan WP. **Med Sci Sports Exerc** 1985 Jun;17(3):309-16 (29 ref.)

Possible contribution of skeletal muscle buffers to enhanced anaerobic performance: a brief review. Parkhouse WS, et al. **Med Sci Sports Exerc** 1984 Aug;16(4):328-38 (129 ref.)

Angular velocities, linear velocities, and kinetic energies of a number of female rowers [letter] Robertson DG, et al. **Med Sci Sports Exerc** 1985 Aug;17(4):489-90

Mechanical energy changes during treadmill running. Sakurai S, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):148-52

Physiological characteristics of classical ballet. Schantz PG, et al. **Med Sci Sports Exerc** 1984 Oct;16(5):472-6

The relationship between mechanical and physiological energy estimates. Williams KR. **Med Sci Sports Exerc** 1985 Jun;17(3):317-25 (61 ref.)

The contribution of hepatic metabolism to diet-induced thermogenesis. Berry MN, et al. **Metabolism** 1985 Feb; 34(2):141-7

Whole-body tyrosine flux in relation to energy expenditure in weight-losing cancer patients. Edén E, et al. **Metabolism** 1984 Nov;33(11):1020-7

Increased erythrocyte sodium efflux during overfeeding without evidence of mediation by circulating catecholamines or thyroid hormone. Fagerberg B, et al. **Metabolism** 1984 Nov;33(11):994-8

Coupled diminished energy turnover and phosphorylase a formation in contracting hypothyroid rat muscle. Leijendekker WJ, et al. **Metabolism** 1985 May;34(5):437-41

Structured medium-chain and long-chain triglyceride emulsions are superior to physical mixtures in sparing body protein in the burned rat. Mok KT, et al. **Metabolism** 1984 Oct;33(10):910-5

Energy balance and brown fat activity in rats fed cafeteria diets or high-fat, semisynthetic diets at several levels of intake. Rothwell NJ, et al. **Metabolism** 1985 May; 34(5):474-80

The energy metabolism of Fasciola hepatica during its development in the final host. Tielens AG, et al. **Mol Biochem Parasitol** 1984 Nov;13(3):301-7

Thermogenesis in brown adipose tissue as an energy buffer. Implications for obesity. Himms-Hagen J. **N Engl J Med** 1984 Dec 13;311(24):1549-58 (99 ref.)

Sialyltransferase probing glycolytic energy metabolism in the plasma membrane. Cervén E, et al. **Naturwissenschaften** 1985 Feb;72(2):86-8

Role of energy charge and redox state for hepatocyte gluconeogenesis of acutely uremic rats. Riegel W, et al. **Nephron** 1985;40(2):206-12

Effect of aging on cerebral cortex energy metabolism in hypoglycemia and posthypoglycemic recovery. Benzi G, et al. **Neurobiol Aging** 1984 Fall;5(3):205-12

Influence of aging on cerebral derangement by acute severe hypoxia during hypovolemic hypotension. Benzi G, et al. **Neurobiol Aging** 1984 Fall;5(3):213-20

Influence of intermittent hypoxia and pyrimidinic nucleosides on cerebral enzymatic activities related to energy transduction. Dagani F, et al. **Neurochem Res** 1984 Aug; 9(8):1085-99

The cerebral ischemic cascade. Hass WK. **Neurol Clin** 1983 Feb;1(1):345-53

Energy metabolism and in vivo cytochrome c oxidase redox relationships in hypoxic rat brain. Sylvia AL, et al. **Neurol Res** 1985 Jun;7(2):81-8

Oxygen utilization and cardiovascular function in head-injured patients. Robertson CS, et al. **Neurosurgery** 1984 Sep;15(3):307-14

Hepatectomy and arterial blood ketone-body ratio. I. Changes in arterial blood ketone-body ratio following massive hepatectomy in relation to blood concentration of energy fuels. Asano M. **Nippon Geka Hokan** 1984 May 1; 53(3):473-84

Fuel mixtures for critically ill patients given total parenteral nutrition. **Nutr Rev** 1985 Jan;43(1):17-20 (11 ref.)

How much energy does a pregnant woman need? **Nutr Rev** 1985 Apr;43(4):110-1 (8 ref.)

Insulin binding to erythrocytes as a function of energy status. **Nutr Rev** 1985 Jun;43(6):174-6

The effect of laminectomy on spinal cord blood flow, energy metabolism and ATPase activity. Anderson DK, et al. **Paraplegia** 1985 Feb;23(1):58

Whole body protein synthesis and energy expenditure in very low birth weight infants. Catzeflis C, et al. **Pediatr Res** 1985 Jul;19(7):679-87

Splanchnic uptake and release of energy substrates in the fasting baboon infant. Levitsky LL, et al. **Pediatr Res** 1984 Dec;18(12):1316-20

The effect in newborn rabbits of overfeeding on fat deposition, gross energetic efficiency, and metabolic rate. Spencer SA, et al. **Pediatr Res** 1985 Jan;19(1):127-30

The effect of energy intake and expenditure on the recovery of 13CO2 in the parenterally fed neonate during a 4-hour primed constant infusion of NAH13CO3. Van Aerde JE, et al. **Pediatr Res** 1985 Aug;19(8):806-10

Lipid intermediates in chronically volume-overloaded rat hearts. Effect of diffuse ischemia. Bowe C, et al. **Pflugers Arch** 1984 Nov;402(3):317-20

Chemical energy usage during stimulation and stretch of mammalian smooth muscle. Butler TM, et al. **Pflugers Arch** 1984 Aug;401(4):391-5

Chemical energy usage during isometric twitches of frog sartorius muscle intoxicated with an isomer of creatine, beta-guanidinopropionate. De Saedeleer M, et al. **Pflugers Arch** 1984 Oct;402(2):185-9

Effects of different patterns of long-term stimulation on blood flow, fuel uptake and enzyme activities in rabbit fast skeletal muscles. Hudlicka O, et al. **Pflugers Arch** 1984 Nov; 402(3):306-11

Metabolic fuel homeostasis in Syrian hamsters: nycthemeral and exercise variables. Rowland N. **Physiol Behav** 1984 Aug;33(2):243-52

31P-NMR studies on the energy metabolism of the living rat brain using a surface coil method. Yuasa T, et al. **Physiol Chem Phys Med NMR** 1985;17(1):13-21

Regulation of energy balance. Bray GA. **Physiologist** 1985 Jun;28(3):186-92

Energy metabolism and glycolysis in the human placenta during ischaemia and in normal labour. Bloxam DL, et al. **Placenta** 1984 Sep-Oct;5(5):381-94 (54 ref.)

Effect of a failure of energy supply on adenine nucleotide breakdown in placentae and other fetal tissues from rat and guinea pig. Harkness RA, et al. **Placenta** 1985 May-Jun;6(3):199-216

Energy metabolism in audiogenically seizure-prone chicks. Firman JD, et al. **Poult Sci** 1985 Apr;64(4):732-6

Methods of measuring energy utilization in broilers: effect of genetic line and presence of supplemental dietary fat. Laurin DE, et al. **Poult Sci** 1985 May;64(5):969-78

Dietary sulfur amino acid level and energy utilization in laying hens. Reid BL, et al. **Poult Sci** 1984 Dec; 63(12):2408-13

Calculation and evaluation of energy: amino acid ratios for the egg-production type hen. Slagter PJ, et al. **Poult Sci** 1984 Sep;63(9):1810-22

Efficiency of utilization of various sources of energy for growth. Donato K, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4866-70

Energy balance in childhood and adolescence. Durnin JV. **Proc Nutr Soc** 1984 Sep;43(3):271-9 (15 ref.)

Sequential changes in blood concentrations of fuels in relation to arterial blood ketone body ratio after 70% hepatectomy in rabbits. Asano M, et al. **Res Exp Med (Berl)** 1985; 185(3):253-8

Ketogenesis during sepsis in relation to hepatic energy metabolism. Ohtoshi M, et al. **Res Exp Med (Berl)** 1984; 184(4):209-19

Oxygen consumption and mode of energy production in the intertidal worm Sipunculus nudus L.: definition and characterization of the critical PO2 for an oxyconformer. Pörtner HO, et al. **Respir Physiol** 1985 Mar;59(3):361-77

Assessment of the anaerobic threshold during exercise in normal man by means of the occlusion pressure as compared to conventional noninvasive techniques. Van Meerhaeghe A, et al. **Respiration** 1984;46(4):346-53

Relation between mitochondrial calcium transport and control of energy metabolism. Hansford RG. **Rev Physiol Biochem Pharmacol** 1985;102:1-72 (213 ref.)

Energy expenditure of paraplegic marathon runners measured during a wheelchair marathon. Asayama K, et al. **Sangyo Ika Daigaku Zasshi** 1984 Jun 1;6(2):121-30

Human creatine kinase. Isoenzymes and logistics of energy distribution. Sylvén C, et al. **Scand J Clin Lab Invest** 1984 Nov;44(7):611-5

Muscle contraction and free energy transduction in biological systems. Eisenberg E, et al. **Science** 1985 Mar 1; 227(4690):999-1006

Gross energy cost of horizontal treadmill and track running. Léger L, et al. **Sports Med** 1984 Jul-Aug;1(4):270-7 (28 ref.)

The effects of exercise-training on energy balance and adipose tissue morphology and metabolism. Tremblay A, et al. **Sports Med** 1985 May-Jun;2(3):223-33 (74 ref.)

Energy expenditure in acute trauma to the head with and without barbiturate therapy. Dempsey DT, et al. **Surg Gynecol Obstet** 1985 Feb;160(2):128-34

Energy generation in filariae—a target for chemotherapy. Mendis AH. **Trop Med Parasitol** 1985;36 Suppl 1:15-9

Myocardial blood flow and metabolism in humans. Schelbert HR. **Z Kardiol** 1984;73 Suppl 2:113-8

Effect of energy balance on plasma glucose and ketone bodies in blood and milk and influence of hyperketonaemia on milk production of postparturient dairy cows. Andersson L, et al. **Zentralbl Veterinarmed [A]** 1984 Aug;31(7):539-47

[Parenteral nutrition and pathobiochemistry. Mutual relations] Kazda A. **Cas Lek Cesk** 1985 Aug 2;124(31):965-9 (Eng. Abstr.) (Cze)

[Energy metabolism of the brain] Folbergrová J. **Cesk Neurol Neurochir** 1984 Aug;47(4):210-24 (169 ref.) (Cze)

[Thermogenesis and obesity. Pathogenetic and therapeutic deliberations] Astrup A, et al. **Ugeskr Laeger** 1984 Oct 1; 146(40):3003-7 (Eng. Abstr.) (Dan)

[The contractility, work and energy consumption of the heart] Olsen C. **Ugeskr Laeger** 1984 Jun 25;146(26):1909-12 (Eng. Abstr.) (Dan)

[The marathon; a justified challenge?] Kuipers H. **Ned Tijdschr Geneeskd** 1984 Aug 11;128(32):1528-30 (Dut)

[Hemoglobin Linköping and physical performance] Lahtinen R, et al. **Duodecim** 1985;101(2):173-8 (Eng. Abstr.) (Fin)

[Research in cellular energy metabolism and bioenergetics in Finland] Wikström M. **Duodecim** 1985;101(3):257-62 (Fin)

[Value of a preanesthetic energetic evaluation] Gueniot G. **Agressologie** 1984 Nov;25(11):1203-8 (Eng. Abstr.) (Fre)

[General principles of postoperative energetic balance restoration] Piotrot H. **Agressologie** 1984 Nov; 25(10):1137-9 (Eng. Abstr.) (Fre)

[Energetic equivalent of the production of plasma lactate during running of supramaximal intensity] Camus G, et al. **Arch Int Physiol Biochim** 1984 Dec;92(5):361-7 (Eng. Abstr.) (Fre)

[Hypocaloric nutrition or strict protein intake in the postoperative period] Sibille JP, et al. **Cah Anesthesiol** 1984 Dec;32(8):617-26 (Eng. Abstr.) (Fre)

[Indirect calorimetry: application to nutritional assistance in digestive pathology] Lerebours E, et al. **Gastroenterol Clin Biol** 1984 Aug-Sep;8(8-9):595-8 (Fre)

[Relations between physical exertion and protein-energy metabolism. Application to nutritional support of hospitalized patients] Matuchansky C, et al. **Presse Med** 1985 Jun 1;14(22):1237-40 (35 ref.) (Eng. Abstr.) (Fre)

[Mechanisms of regulation of energy balance] Le Magnen J. **Reprod Nutr Dev** 1984;24(5B):671-92 (70 ref.) (Eng. Abstr.) (Fre)

[Development of energy expenditure in the Zucker rat during the first week of life] Planche E, et al. **Reprod Nutr Dev** 1985;25(1B):321-7 (Eng. Abstr.) (Fre)

[Energy metabolism during recovery from exercise] Bielinski R, et al. **Rev Med Suisse Romande** 1984 Oct;104(10):771-8 (Fre)

[Energy balance trials with a diet rich in fats in the human] Wolfram G, et al. **Ann Nutr Metab** 1985;29(1):23-32 (Eng. Abstr.) (Ger)

[Joint research on the precise determination of the energy and protein requirements of fattening pigs. 6. The effect of various energy and protein levels on the performance and feed expenditure of fattening pigs] Gundel J, et al. **Arch Tierernahr** 1983 Jul-Aug;33(7-8):598-614 (Eng. Abstr.) (Ger)

[Joint research on the precise determination of the energy and protein requirements of fattening pigs. 3. The energy requirement of hybrid swine] Hoffmann L, et al. **Arch Tierernahr** 1983 Jul-Aug;33(7-8):571-83 (Eng. Abstr.) (Ger)

[Joint research on the precise determination of the energy and protein requirements of fattening pigs. 10. Comparative evaluation of the research for the precise determination of the energy and protein requirements of fattening pigs] Hoffmann L, et al. **Arch Tierernahr** 1983 Jul-Aug; 33(7-8):649-61 (Eng. Abstr.) (Ger)

[Joint research on the precise determination of the energy and protein requirements of fattening pigs. 2. Energy and nitrogen metabolism of fattening hybrids in the fattening range of 30 to 120 kg] Jentsch W, et al. **Arch Tierernahr** 1983 Jul-Aug;33(7-8):552-70 (Eng. Abstr.) (Ger)

[Joint research on the precise determination of the energy and protein requirements of fattening pigs. 8. The effect of various protein levels on the performance and feed expenditure of fattening pigs] Machaev EA, et al. **Arch Tierernahr** 1983 Jul-Aug;33(7-8):623-31 (Eng. Abstr.) (Ger)

[Joint research on the precise determination of the energy and protein requirements of fattening pigs. 7. The effect of various energy levels on the performance and feed expenditure of fattening pigs] Machaev EA, et al. **Arch Tierernahr** 1983 Jul-Aug;33(7-8):615-21 (Eng. Abstr.) (Ger)

[Growth studies of Holstein-Friesian bulls under different conditions of feeding intensity. 5. Derivation of energy requirement values] Pieper B, et al. **Arch Tierernahr** 1984 Nov;34(11):785-93 (Eng. Abstr.) (Ger)

[Growth studies of SMR bulls under different feeding conditions. 4. Nutrient and energy retention in the body] Pieper B, et al. **Arch Tierernahr** 1984 Oct;34(10):715-30 (Eng. Abstr.) (Ger)

[Effect of the polyether antibiotic 'monensin' on fattening and slaughtering performance as well as protein and energy retention in bulls] Richter G, et al. **Arch Tierernahr** 1984 Dec;34(12):841-50 (Eng. Abstr.) (Ger)

[Joint research on the precise determination of the energy and protein requirements of fattening pigs. 1. Setting the objectives and conditions of the experiments] Schiemann R, et al. **Arch Tierernahr** 1983 Jul-Aug;33(7-8):547-51 (Eng. Abstr.) (Ger)

[Joint research on the precise determination of the energy and protein requirements of fattening pigs. 9. The effect of various levels of energy and protein nutrition on the performance and feed expenditure of fattening pigs] Simeček K, et al. **Arch Tierernahr** 1983 Jul-Aug; 33(7-8):633-48 (Eng. Abstr.) (Ger)

[Joint research on the precise determination of the energy and protein requirements of fattening pigs. 4. The effect of the energy level on the fattening of Camborough-type hybrid swine] Tscheschmedjiev B, et al. **Arch Tierernahr** 1983 Jul-Aug;33(7-8):584-90 (Eng. Abstr.) (Ger)

[Joint research on the precise determination of the energy and protein requirements of fattening pigs. 5. The effect of the crude protein concentration in the isocaloric diet on the fattening performance of swine of the Bulgarian Landrace] Tscheschmedjiev B, et al. **Arch Tierernahr** 1983 Jul-Aug;33(7-8):591-7 (Eng. Abstr.) (Ger)

[Tumor micromilieu. Experimental and theoretical studies of multicellular tumor spheroids] Müller-Klieser W. **Fortschr Med** 1985 May 9;103(18):477-80 (Eng. Abstr.) (Ger)

[Nutrition physiologic, immunologic and clinical parameters in prospective randomized patients by enteral or parenteral nutrition therapy following large intestine operations] Bauer E, et al. **Infusionsther Klin Ernahr** 1984 Jun; 11(3):165-7 (Eng. Abstr.) (Ger)

[Functional liver cell heterogeneity] Häussinger D, et al. **Infusionsther Klin Ernahr** 1984 Oct;11(5):245-53 (Eng. Abstr.) (Ger)

[Effect of metabolism-oriented substrate administration on energy and protein metabolism in polytraumatized artificial respiration patients] Schmitz JE. **Infusionsther Klin Ernahr** 1984 Aug;11(4):205-18 (Eng. Abstr.) (Ger)

[Cerebrovascular circulation and cerebral metabolism in aging] Gottstein U. **Internist (Berlin)** 1984 Aug;25(8):470-7 (Ger)

[Alcohol and metabolism] Teschke R. **Internist (Berlin)** 1985 Jul;26(7):436-40 (Ger)

[Metabolic consequences of parenteral nutrition in tumor patients] Müller JM, et al. **Leber Magen Darm** 1984 Mar; 14(2):68-77 (Eng. Abstr.) (Ger)

[Thermodynamics of life from the point of view of technical thermodynamics and exergy] Grassmann P. **Naturwissenschaften** 1984 Jul;71(7):335-41 (Eng. Abstr.) (Ger)

[Effect of a carbohydrate diet on the physical fitness and metabolism regulation in highly trained marathon runners] Doreste J, et al. **Schweiz Z Sportmed** 1985 Jun;33(2):47-52 (Eng. Abstr.) (Ger)

[Methodological problems of diagnosing performance in the laboratory] Heck H, et al. **Schweiz Z Sportmed** 1984 Sep; 32(3):78-85 (Eng. Abstr.) (Ger)

[Diagnosing aerobic capacity at the Swiss School for Physical Education and Sports at Magglingen] Schürch P. **Schweiz Z Sportmed** 1984 Sep;32(3):86-90 (Eng. Abstr.) (Ger)

[Metabolic changes in muscle and blood caused by ergometric stress in chronic arterial occlusive disease (I)] Nissen P, et al. **Vasa** 1985;14(1):25-30 (Eng. Abstr.) (Ger)

[Muscle metabolism and blood circulation under ergometric stress in arterial occlusive disease (II)] Nissen P, et al. **Vasa** 1985;14(1):31-4 (Eng. Abstr.) (Ger)

[Energy yield during physical exertion] Schmid P, et al. **Wien Med Wochenschr** 1985 May 31;135(9-10):228-34 (Eng. Abstr.) (Ger)

[Changes in protein metabolism in cachexia and catabolism] Roth E. **Z Exp Chir Transplant Kunstliche Organe** 1985; 18(3):150-6 (Eng. Abstr.) (Ger)

[24-hour energy metabolism in the human: circadian rhythm, relation to body weight and nutrition] Steiniger J. **Z Gesamte Inn Med** 1985 Apr 15;40(8):232-7 (Eng. Abstr.) (Ger)

[Metabolism of the ischemic myocardium—clinical aspects] Kübler W. **Z Kardiol** 1984;73 Suppl 2:107-12 (Eng. Abstr.) (Ger)

[Effects of various methods on the determination of dietary fiber and available carbohydrates on the calculation of the energy content of bread] Wisker E, et al. **Z Lebensm Unters Forsch** 1984 Oct;179(4):333-40 (Eng. Abstr.) (Ger)

[The hepatocyte as a model for studies of intermediate metabolism] Dargel R. **Z Med Lab Diagn** 1985;26(1):3-8 (Ger)

[Hormone and metabolism behavior in distress without physical stress] Abdulla W, et al. **Z Psychosom Med Psychoanal** 1985;31(1):48-60 (Eng. Abstr.) (Ger)

[Postoperative energy requirements and its fulfillment] Weiner R, et al. **Zentralbl Chir** 1984;109(23):1492-504 (Eng. Abstr.) (Ger)

[Energy metabolism of the myometrium in pregnancy and labor] Laudański T. **Zentralbl Gynakol** 1985;107(9):568-73 (Eng. Abstr.) (Ger)

[Metabolism of triglycerides of the placenta during extraorganic circulation] Pańczyk T, et al. **Zentralbl Gynakol** 1984;106(20):1362-8 (Eng. Abstr.) (Ger)

[Determination of the energy load of erythrocytes in long-distance and medium-distance runners] Accorsi A, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1739-41 (Eng. Abstr.) (Ita)

[24-hour profile of intermediate metabolites in diabetic patients treated with human insulin (HM, Novo)] Parenti M, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):141-5 (Eng. Abstr.) (Ita)

[Hormono-metabolic profiles of patients with diabetes mellitus type 2 and acquired sulfonylurea insensitivity] Scionti L, et al. **Minerva Endocrinol** 1984 Apr-Jun; 9(2):253-6 (Eng. Abstr.) (Ita)

[Cerebral energy metabolism as an indicator of the brain activity. The [14C] deoxyglucose method] Kato M. **Fukuoka Igaku Zasshi** 1984 Sep;75(9):513-5 (11 ref.) (Jpn)

[Effect of obstructive jaundice on acute gastric ulceration viewed from gastric mucosal energy metabolism in rats] Inui M, et al. **Nippon Geka Gakkai Zasshi** 1984 Nov; 85(11):1464-71 (Eng. Abstr.) (Jpn)

[Experimental studies on the effects of recirculation on focal cerebral ischemia, following occlusion of the middle cerebral artery: with special reference to regional cerebral blood flow and brain energy metabolism] Miyake H. **Nippon Geka Hokan** 1984 Mar 1;53(2):353-70 (Eng. Abstr.) (Jpn)

[Alterations in hepatic high-energy metabolism in galactosamine-induced acute hepatic failure in rabbits] Uchida K. **Nippon Geka Hokan** 1984 Jul 1;53(4):580-93 (Eng. Abstr.) (Jpn)

[Biochemistry of the brain. c. Energy metabolism of the brain] Kagawa Y. **Nippon Rinsho** 1985 Feb;43(2):258-61 (Jpn)

[Changes in energy metabolism and spinal cord blood flow following severe spinal cord injury] Hayashi N, et al. **No Shinkei Geka** 1984 Jul;12(8):923-30 (Eng. Abstr.) (Jpn)

[Diagnostic imaging by radioisotopes. Application (VII). Regional circulation and energy metabolism in the brain—basic description and study using positron emission tomography] Uemura K. **Radioisotopes** 1985 Apr; 34(4):246-55 (Jpn)

[Effect of local sustained stress on general oxygen consumption in belt conveyer workers] Nakamura E, et al. **Sangyo Igaku** 1984 Sep;26(5):397-403 (Eng. Abstr.) (Jpn)

[ATPase in energy production system] Kagawa Y. **Tanpakushitsu Kakusan Koso** 1984 Aug;29(8):597-600 (Jpn)

[Ischemic edema formation and energy failure of the brain] Kogure K. **Tanpakushitsu Kakusan Koso** 1984 Dec; 29(14):1695-709 (Jpn)

[Free fatty acid levels of the blood of parturients as an indicator of energy metabolism in physiological labor] Brodziński W. **Ginekol Pol** 1984 May;55(5):359-64 (Eng. Abstr.) (Pol)

[Energy expenditure of parturients during physiological labor] Brodziński W. **Ginekol Pol** 1984 Jun;55(6):401-8 (Eng. Abstr.) (Pol)

[Exertion metabolism as an indicator of changes in blood glucose level in physiological labor] Brodziński W. **Wiad Lek** 1984 Aug 1;37(15):1184-90 (Eng. Abstr.) (Pol)

[The sodium cycle—a new type of bacterial energetics] Skulachev VP. **Biokhimiia** 1985 Feb;50(2):179-83 (Eng. Abstr.) (Rus)

[Use of different oxidation substrates in the energy metabolism of mammalian germ cells and embryos] Troshko EV, et al. **Biol Nauki** 1984;(10):5-13 (45 ref.) (Eng. Abstr.) (Rus)

[Changes in the energy resources of rat gastric mucosa exposed to dopamine agonists and antagonists in conditions of experimental stress] Groisman SD, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):286-8 (Eng. Abstr.) (Rus)

[Does muscle contraction require energy expenditure irrespective of the amount of work?] Aliukhin IuS, et al. **Dokl Akad Nauk SSSR** 1985 May-Jun;282(1):229-31 (Rus)

[Relation between the biomechanical properties of muscles and their capacity to utilize the energy of elastic deformation] Aruin AS, et al. **Fiziol Cheloveka** 1985 Jan-Feb;11(1):12-6 (Rus)

[Age-related characteristics of energy metabolism in girls during sex maturation] Guminskiĭ AA, et al. **Fiziol Cheloveka** 1985 Mar-Apr;11(2):286-92 (Rus)

[Characteristics of the energy and hemodynamic support for submaximal physical loading in elderly men] Korkushko OV, et al. **Fiziol Cheloveka** 1984 Jan-Feb;10(1):120-5 (Rus)

[Principles of metabolic control of the mechanisms of immune homeostasis] Revskol SIu. **Fiziol Cheloveka** 1984 Nov-Dec; 10(6):1005-18 (81 ref.) (Rus)

[Physiological mechanisms for maintaining the body's energy requirements during reduced blood hemoglobin levels] Ivanov KP, et al. **Fiziol Zh SSSR** 1983 Jul;69(7):942-8 (Eng. Abstr.) (Rus)

[Intradiurnal organization of the wakefulness-sleep cycle and energy metabolism in rats exposed to low ambient temperature] Sazonov VS, et al. **Fiziol Zh SSSR** 1985 Mar; 71(3):342-7 (Eng. Abstr.) (Rus)

[Metabolic indicators in professional technical school students in relation to nutrition] Buriak LI, et al. **Gig Sanit** 1985 May;(5):85-6 (Rus)

[Energy metabolism and actual diet of female textile workers] Rodnikov AV, et al. **Gig Sanit** 1985 Feb;(2):80-2 (Rus)

[Intratissular control of energy metabolism in the rat liver during starvation in the early period after a partial hepatectomy] Elbakidze GM, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Jul-Aug;(4):529-34 (Eng. Abstr.) (Rus)

[Role of the 2,3-diphosphoglycerate shunt in regulating energy metabolism in human erythrocytes] Kholodenko BN, et al. **Izv Akad Nauk SSSR [Biol]** 1985 Mar-Apr; (2):196-205 (Eng. Abstr.) (Rus)

[External respiration, pulmonary gas exchange and energy expenditure in weightlessness] Kas'ian II, et al. **Kosm Biol Aviakosm Med** 1984 Nov-Dec;18(6):4-9 (21 ref.) (Eng. Abstr.) (Rus)

[Assessment of the functional reserve of the left ventricle and myocardial energetics in mitral stenosis patients] Chestukhin VV, et al. **Patol Fiziol Eksp Ter** 1984 Sep-Oct; (5):20-4 (Eng. Abstr.) (Rus)

[Potential use of rats resistant to blood loss for studying the mechanisms of energy metabolism maintenance during prolonged deep hypotension] Kazueva TV, et al. **Patol Fiziol Eksp Ter** 1984 Sep-Oct;(5):11-3 (Eng. Abstr.) (Rus)

[Energy metabolism in the rat liver after mechanical asphyxia] Konval VD, et al. **Patol Fiziol Eksp Ter** 1984 Nov-Dec;(6):58-62 (Eng. Abstr.) (Rus)

[Effect of vagotomy on energy metabolism in the stomach muscle tissue of rats] Mikhnev VA. **Patol Fiziol Eksp Ter** 1984 Jul-Aug;(4):28-32 (Eng. Abstr.) (Rus)

[Dynamics of energy requirements, detoxication and biosynthesis of hepatocyte macromolecules in acute radiation injury] Sharygin VL, et al. **Radiobiologiia** 1985 Jul-Aug;25(4):462-8 (Eng. Abstr.) (Rus)

[Activity and thermal stability of the enzymes of energy support in the common frog] Pisareva LN, et al. **Tsitologiia** 1985 Feb;27(2):230-2 (Eng. Abstr.) (Rus)

[Incorporation of radioactive phosphorus into creatine phosphate of the rabbit myocardium in experimental coronary insufficiency] Voronkov GS, et al. **Ukr Biokhim Zh** 1985 Jul-Aug;57(4):67-9 (Eng. Abstr.) (Rus)

[Energy losses during therapeutic drainage of the thoracic duct] Alekseev AA, et al. **Vestn Khir** 1984 Oct; 133(10):118-22 (Eng. Abstr.) (Rus)

[Energy metabolism in the kidney cortex of rats with alloxan diabetes] Cheshchevik AB. **Vopr Med Khim** 1985 Jan-Feb; 31(1):52-4 (Eng. Abstr.) (Rus)

[Energy metabolism in the cerebral cortex in necrosis of the myocardium] Davydov VV, et al. **Vopr Med Khim** 1985 May-Jun;31(3):89-93 (Eng. Abstr.) (Rus)

[Mechanism of impairment of energy metabolism in respiratory muscles in experimental botulism] Morrison VV. **Vopr Med Khim** 1985 May-Jun;31(3):64-7 (Eng. Abstr.) (Rus)

[Energy consumption of gastroenterology patients during complex sanatorium-health resort treatment] Matroshvili AG. **Vopr Pitan** 1984 Sep-Oct;(5):27-9 (Eng. Abstr.) (Rus)

[Energy requirement of miners working in modern, highly mechanized coal mines] Pichkhadze GM, et al. **Vopr Pitan** 1985 Mar-Apr;(2):30-2 (Eng. Abstr.) (Rus)

[Clinico-pathogenetic significance of changes in energy metabolism in patients with erysipelas and their possible correction] Frolov VM, et al. **Vrach Delo** 1985 May; (5):111-3 (Eng. Abstr.) (Rus)

[Characteristics of erythrocyte energy metabolism in ischemic heart disease patients] Luk'ianov VF, et al. **Vrach Delo** 1984 Oct;(10):51-3 (Eng. Abstr.) (Rus)

[Energy characteristics of the movement routines of ischemic heart disease patients] Prevarskii BP. **Vrach Delo** 1984 Dec; (12):53-6 (Eng. Abstr.) (Rus)

[Economic coefficients during batch and multicyclic cultivation of Clostridium perfringens type A] Mel'nikova VA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov; (11):65-8 (Eng. Abstr.) (Rus)

[Economic coefficient as an index of the physiological and pathological function of microorganisms] Mel'nikova VA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov; (11):9-14 (25 ref.) (Rus)

[Energetic role of the plasma and mitochondrial membranes of neurons in antenatal pathology with increased convulsive susceptibility (review)] Pogodaev KI. **Zh Nevropatol Psikhiatr** 1985;85(3):450-5 (60 ref.) (Rus)

[Disturbed energy metabolism and intracellular acidosis are important for the pathogenesis of cystic fibrosis] Kollberg H. **Lakartidningen** 1985 Feb 13;82(7):494-6 (Swe)

DRUG EFFECTS

Alterations in isoproterenol-induced cardiac metabolic changes by a quaternary analog of propranolol, UM-272. Seth SD, et al. **Acta Cardiol (Brux)** 1985;40(2):237-46

Cyclic GMP affects redox state and improves energy charge of ischaemic Langendorff-perfused rat heart. Laustiola K. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):139-43

Effects of cimetidine administered in cytoprotective and antisecretory doses on the membrane-bound ATP-dependent energy systems in the gastric mucosal lesions induced by HCl in rats. Morón F, et al. **Acta Physiol Hung** 1984;64(3-4):293-9

Interrelationships between the membrane-bound ATP-dependent energy systems of the gastric mucosa and the gastric cytoprotective effect of beta-carotene on the development of gastric mucosal damage produced by 0.6 M HCl in rats. Mózsik G, et al. **Acta Physiol Hung** 1984; 64(3-4):301-7

Accelerated recovery of ischemic canine myocardium induced by AMP. Preliminary report. Sami HM, et al. **Adv Myocardiol** 1985;6:483-90

Effects of inosine on cardiac adenine nucleotide metabolism in rats. Zimmer HG. **Adv Myocardiol** 1985;6:173-83

A comparative study of the effects of white sugar, unrefined sugar and starch on the efficiency of food utilization and thermogenesis. Dulloo AG, et al. **Am J Clin Nutr** 1985 Aug;42(2):214-9

Oxygen dependence of energy metabolism in contracting and recovering rat skeletal muscle. Idström JP, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):H40-8

Neurohumoral stimulation of lipogenesis during altered states of energy balance. Melnyk RB, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):R355-9

Induction of methotrexate release from rat hepatocytes in suspension by alpha-adrenergic agents: involvement of calcium and metabolic energy. Gewirtz DA, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):237-43

Adaptation of skeletal muscle energy metabolism to repeated hypoxic-normoxic exposures and drug treatment. Pastoris O, et al. **Arch Int Pharmacodyn Ther** 1985 Mar; 274(1):145-58

Effects of the new eburnamenine derivative RU 24722 on EEG recovery and cerebral energy metabolism after complete ischemia. Barzaghi F, et al. **Arzneimittelforsch** 1985;35(2):472-7

Changes in cardiac glycogen synthase and phosphorylase activities following stimulation of beta-adrenergic receptors in rats. Grably S, et al. **Basic Res Cardiol** 1985 Mar-Apr;80(2):175-81

The correlation between catecholamine and lipid peroxidation induced damage in heart cells. Noronha-Dutra AA, et al. **Basic Res Cardiol** 1985;80 Suppl 1:133-6

Metabolic and physiological differences between zero-flow and low-flow myocardial ischemia: effects of L-acetylcarnitine. Paulson DJ, et al. **Basic Res Cardiol** 1984 Sep-Oct;79(5):551-61

On the mechanism of enhanced ATP formation in hypoxic myocardium caused by glutamic acid. Pisarenko OI, et al. **Basic Res Cardiol** 1985 Mar-Apr;80(2):126-34

Dihydroergotoxine, an ergot alkaloid without marked hypotensive effect, improves blood flow and metabolism in the underperfused canine myocardium. Seitelberger R, et al. **Basic Res Cardiol** 1985 May-Jun;80(3):260-8

Biochemical and morphological study of cardiac hypertrophy. Effects of thyroxine on enzyme activities in the rat myocardium. Tanaka T, et al. **Basic Res Cardiol** 1985 Mar-Apr;80(2):165-74

The effect of [illegible]de on the K-current in guinea-pig ventricular myocytes. Van der Heyden G, et al. **Basic Res Cardiol** 1985;80 Suppl 1:93-6

Uncoupler- and hypoxia-induced damage in the working rat heart and its treatment. I. Observations with uncouplers of oxidative phosphorylation. Veit P, et al. **Basic Res Cardiol** 1985 Mar-Apr;80(2):107-15

Effect of tolbutamide on myocardial energy metabolism of the ischemic heart. Lampson WG, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):803-9

Energy metabolism of cardiac cell cultures during oxygen deprivation: effects of creatine and arachidonic acid. Millanvoye-Van Brussel E, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):145-7

Effects of gramine on energy metabolism of rat and bovine mitochondria. Niemeyer HM, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):2973-9

The effect of 5-thioglucose on the energy metabolism of Schistosoma mansoni in vitro. Tielens AG, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3369-73

Resting metabolic rate is reduced in patients treated with antidepressants. Fernstrom MH, et al. **Biol Psychiatry** 1985 Jun;20(6):692-5

Dissipation of electrochemical ion gradients induced by carbonyl cyanide p-trifluoromethoxyphenylhydrazone and valinomycin in rabbit reticulocytes as loads of energy metabolism. Spengler V, et al. **Biomed Biochim Acta** 1985; 44(3):403-9

Comparative study of the effects of biphenyl and Kanechlor-400 on the respiratory and energy linked activities of rat liver mitochondria. Nishihara Y. **Br J Ind Med** 1985 Feb;42(2):128-32

Energy conservation by nisoldipine in ischaemic heart. De Jong JW, et al. **Br J Pharmacol** 1984 Dec;83(4):943-9

Does exercise alter anaerobic threshold in coronary artery disease during beta blockade? Koyal SN, et al. **Br J Sports Med** 1985 Jun;19(2):107-11

Effects of dietary protein concentration and corticosterone injections on energy and nitrogen balances and fat deposition in broiler chicks. Bartov I. **Br Poult Sci** 1985 Jul;26(3):311-24

Release of pentobarbital-induced depression of metabolic rate during bilateral ischemia in the gerbil brain. Mrđulja BB, et al. **Brain Res** 1984 Aug 20;309(1):152-5

Measurements of in vivo 31P nuclear magnetic resonance spectra in neuroectodermal tumors for the evaluation of the effects of chemotherapy. Naruse S, et al. **Cancer Res** 1985 Jun;45(6):2429-33

The blood pressure and metabolic effects of 19-nor-deoxycorticosterone and 19-nor-progesterone in sheep. Spence CD, et al. **Clin Exp Hypertens [A]** 1984; 6(9):1591-600

Patterns in effects of sulfhydryl reagents on transport in bovine lens. Kern HL, et al. **Curr Eye Res** 1984 Dec; 3(12):1373-82

Effects of cadmium ingestion and food restriction on energy metabolism and tissue metal concentrations in mallard ducks (Anas platyrhynchos). Di Giulio RT, et al. **Environ Res** 1985 Aug;37(2):433-44

Acute haemodynamic and myocardial metabolic effects of intravenous urapidil in severe heart failure. Wang RY, et al. **Eur Heart J** 1984 Sep;5(9):745-51

Effects of metabolic inhibitors on evoked activity and the energy state of hippocampal slices superfused in vitro. Cox DW, et al. **Exp Brain Res** 1985;57(3):464-70

Lenticular energy metabolism during exogenous calcium deprivation and during recovery: effects of dextran-40. Glonek T, et al. **Exp Eye Res** 1985 Feb;40(2):169-78

A comparison of the effects of the optical isomers of isoproterenol on energy metabolism in a mouse sarcoma. Jones GR, et al. **Experientia** 1985 Aug 15;41(8):1045-6

Modification of the skeletal muscle energy metabolism induced by intermittent normobaric hypoxia and treatment with biological pyrimidines. Pastoris O, et al. **Farmaco [Sci]** 1985 Jun;40(6):442-53

Beta-adrenergic blocking agents. Effect of chronic dosage on a fit, middle-aged man: a case study and review. Steinrauf LK, et al. **Indiana Med** 1985 Jul;78(7):600-4

An assessment of ciclazindol in stimulating thermo-genesis in human volunteers: a detailed metabolic study. Dallosso HM, et al. **Int J Obes** 1984;8(5):413-25

Amrinone and energy output of rabbit papillary muscles. Gibbs CL, et al. **J Cardiovasc Pharmacol** 1985 Mar-Apr; 7(2):267-72

Acute energetic effects of daunomycin on rabbit heart muscle. Gibbs CL. **J Cardiovasc Pharmacol** 1985 May-Jun; 7(3):556-61

Evidence for reduced thermic effect of insulin and glucose infusions in Pima Indians. Bogardus C, et al. **J Clin Invest** 1985 Apr;75(4):1264-9

Cerebral acetylcholine and energy metabolism changes in acute ammonia intoxication in the lower primate Tupaia glis. McCandless DW, et al. **J Lab Clin Med** 1985 Aug; 106(2):183-6

Inhibition of carnitine palmitoyl-CoA transferase activity and fatty acid oxidation by lactate and oxfenicine in cardiac muscle. Bielefeld DR, et al. **J Mol Cell Cardiol** 1985 Jun; 17(6):619-25

Chlorphentermine-induced biochemical alterations in mitochondrial membranes. Zychlinski L, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):39-44

Effects of calcium and substrate on force-velocity relation and energy turnover in skinned smooth muscle of the guinea-pig. Arner A, et al. **J Physiol (Lond)** 1985 Mar; 360:347-65

Effects of etafenone on myocardial energy metabolism as studied by an organ redoximeter and biochemical analyses. Etoh Y, et al. **Jpn J Pharmacol** 1984 Jul;35(3):229-35

Effect of parathyroid hormone on myocardial energy metabolism in the rat. Baczynski R, et al. **Kidney Int** 1985 May;27(5):718-25

Acrylamide neuropathy in the rat: effects on energy metabolism in sciatic nerve. Brimijoin WS, et al. **Mayo Clin Proc** 1985 Jan;60(1):3-8

Failure of caffeine to affect substrate utilization during prolonged running. Casal DC, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):174-9

Blunted norepinephrine responsiveness to changing energy states in obese subjects. Bazelmans J, et al. **Metabolism** 1985 Feb;34(2):154-60

Energetic, metabolic and contractile effects of vasopressin in mammalian heart. Domínguez-Mon M, et al. **Methods Find Exp Clin Pharmacol** 1984 Jul;6(7):373-8

Effect of an extract of Ginkgo biloba on rat brain energy metabolism in hypoxia. Karcher L, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Aug; 327(1):31-5

Effect of gallopamil on energy metabolism of the isolated perfused rat brain in the postischemic period. Weber J, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jun; 329(4):451-4

Measurements of in vivo energy metabolism in experimental cerebral ischaemia using 31P-NMR for the evaluation of protective effects of perfluorochemicals and glycerol. Naruse S, et al. **Neurol Res** 1984 Dec;6(4):169-75

Opposite effects of opiate agonists on metabolic weight loss in mice. Henry LJ, et al. **Neuropeptides** 1985 Feb; 5(4–6):327–30

Effects of chronic lithium, amitriptyline and mianserin on glucoregulation, corticosterone and energy balance in the rat. Storlien LH, et al. **Pharmacol Biochem Behav** 1985 Jan; 22(1):119–25

Influence of virginiamycin on energy utilization when turkey poults were fed ad libitum or restricted. Buresh RE, et al. **Poult Sci** 1985 May;64(5):1041–2

Aflatoxin effects in white Leghorn chickens selected for response to sheep erythrocyte antigen. 1. Body weight, feed conversion, and temperature responses. Ubosi CO, et al. **Poult Sci** 1985 Jun;64(6):1065–70

Interaction of methylmercury chloride with cellular energetics and related processes. Ally A, et al. **Toxicol Appl Pharmacol** 1984 Nov;76(2):207–18

Changes in adenylate energy charge and total adenine nucleotide concentration in mouse testis induced by cadmium administration. Itoh R. **Toxicol Lett** 1985 Apr; 25(1):63–7

Effect of phthalate esters on energy coupling and succinate oxidation in rat liver mitochondria. Melnick RL, et al. **Toxicology** 1985 Jan;34(1):13–27

[Aortofemoral bifurcation bypass—effect of anesthesia procedure (NLA, thoracic continuous catheter peridural anesthesia) on circulation, respiration and metabolism. Hemodynamic changes caused by peridural anesthesia and anesthesia induction] Seeling W, et al. **Anaesthesist** 1985 May;34(5):217–28 (Eng. Abstr.) **(Ger)**

[Effect of mixed protein silage in feed on the digestive tract and metabolism parameters in swine] Bolduan G, et al. **Arch Tierernahr** 1985 Mar;35(3):183–96 (Eng. Abstr.) **(Ger)**

[Effects of various beta-receptor blockers on metabolic and circulatory parameters during physical exertion] Koebe P, et al. **Arzneimittelforsch** 1985;35(2):522–9 (Eng. Abstr.) **(Ger)**

[Functional improvement of the aging brain: placebo controlled pharmaco–EEG and psychometric studies with a metabolically active hemoderivative (Actovegin)] Saletu B, et al. **Z Gerontol** 1984 Sep–Oct;17(5):271–9 (Eng. Abstr.) **(Ger)**

[Dose-dependent effect of amrinone on hemodynamics, myocardial circulation and myocardial energy requirement. An experimental study] Veit S, et al. **Z Kardiol** 1985 Feb; 74(2):76–84 (Eng. Abstr.) **(Ger)**

[Metabolites of carbohydrate and energy metabolism in the liver of the rat following different endotoxin doses] Kopprasch S, et al. **Z Med Lab Diagn** 1984;25(7):360–6 (Eng. Abstr.) **(Ger)**

[The last Yanomami: tobacco as an energy source and as a cariostatic] Re G, et al. **Minerva Stomatol** 1985 Mar–Apr; 34(2):435–45 (Eng. Abstr.) **(Ita)**

[Effects of prostacyclin on the cardiac functions and energy metabolism in the perfused rat heart] Takeuchi S. **Hokkaido Igaku Zasshi** 1985 May;60(3):355–67 (Eng. Abstr.) **(Jpn)**

[Treatment of post-hepatectomy hepatic cellular energy crisis in cirrhosis with ATP-MgCl2 administration] Ohtake Y. **Nippon Geka Gakkai Zasshi** 1984 Dec;85(12):1545–57 (Eng. Abstr.) **(Jpn)**

[Effects of idebenone (CV-2619) on neurological deficits, local cerebral blood flow, and energy metabolism in rats with experimental cerebral ischemia] Nagaoka A, et al. **Nippon Yakurigaku Zasshi** 1984 Sep;84(3):303–9 (Eng. Abstr.) **(Jpn)**

[Effects of diltiazem on myocardial contractility and energetics] Ando H, et al. **Rinsho Kyobu Geka** 1984 Sep; 4(5):561–6 (Eng. Abstr.) **(Jpn)**

[Effect of sodium succinate on metabolic and morphological changes in acute cooling] Bobkov IuG, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):420–2 (Eng. Abstr.) **(Rus)**

[31P-NMR study of the dynamics of energy metabolism in hepatoma 22-a cells exposed to antitumor preparations] Dubinskii VZ, et al. **Dokl Akad Nauk SSSR** 1985 Mar–Apr; 281(1):180–3 **(Rus)**

[The bioenergy aspect of the mechanism of action of phlogolytics and its study using dielectric spectrometry] Aban'kin VP, et al. **Farmakol Toksikol** 1984 Nov–Dec; 47(6):96–8 (Eng. Abstr.) **(Rus)**

[Effect of carnitine on energy processes in the myocardium of rats] Makarova VG. **Farmakol Toksikol** 1985 Mar–Apr; 48(2):57–9 (Eng. Abstr.) **(Rus)**

[Energy support and the contractile capacity of glycerinized myocardial fibers in experimental informational neurosis] Karsanov NV, et al. **Fiziol Zh SSSR** 1985 Jan;71(1):113–9 (Eng. Abstr.) **(Rus)**

[Biochemical indicators of oxidation–reduction processes and energy potential in workers of the phosphate–processing industry] Beloskurskaia GI, et al. **Gig Tr Prof Zabol** 1985 Feb;(2):16–9 (Eng. Abstr.) **(Rus)**

[Effect of energy metabolism inhibitors on the morphometric parameters and 3-dimensional structure of L-cell mitochondria] Shinderite VS, et al. **Tsitologiia** 1984 Jun; 26(6):666–71 (Eng. Abstr.) **(Rus)**

[Effect of vasopressin on energy metabolism of the brain in adult and aged rats] Bogatskaia LN, et al. **Vopr Med Khim** 1984;30(6):106–10 (Eng. Abstr.) **(Rus)**

[Use of sodium succinate in patients with a history of myocardial infarction] Aktaeva IN, et al. **Vrach Delo** 1985 Jun;(6):6–8 (Eng. Abstr.) **(Rus)**

[Effect of levopa on energy metabolism of the gastric mucosa during the treatment of stomach ulcer] Zavodskaia IS, et al. **Vrach Delo** 1985 Feb;(2):26–30 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Relationship between gamma-irradiation, life span, metabolic rate and accumulation of fluorescent age pigment in the adult male housefly, Musca domestica. Allen RG. **Arch Gerontol Geriatr** 1985 Jul;4(2):169–78

Effects of continuous-wave, pulsed, and sinusoidal-amplitude-modulated microwaves on brain energy metabolism. Sanders AP, et al. **Bioelectromagnetics** 1985;6(1):89–97

The differential effects of 200, 591, and 2,450 MHz radiation on rat brain energy metabolism. Sanders AP, et al. **Bioelectromagnetics** 1984;5(4):419–33

[Effect of an increased level of natural radioactivity on the glycogen content of peripheral blood leukocytes in Microtus oeconomus Pall.] Materii LD, et al. **Radiobiologiia** 1984 Nov–Dec;24(6):828–31 (Eng. Abstr.) **(Rus)**

ENERGY TRANSFER

Electron beam dose planning using Gaussian beams. Energy and spatial scaling with inhomogeneities. Lax I, et al. **Acta Radiol [Oncol]** 1985 Jan–Feb;24(1):75–85

Thermodynamics and control of proton motive free-energy transduction. Westerhoff HV. **Biomed Biochim Acta** 1985; 44(6):929–41

ENFLURANE

Coronary haemodynamic effects of surgery during enflurane–nitrous oxide anaesthesia in patients with ischaemic heart disease. Reiz S, et al. **Acta Anaesthesiol Scand** 1985 Jan;29(1):106–12

Anaesthesia for translumbar aortography. Smith M, et al. **Anaesthesia** 1985 Jul;40(7):680–2

Halothane or enflurane for inhalation induction? A study of children's preferences. Tierney E, et al. **Anesth Analg** 1985 Jan;64(1):77–9

MAC for halothane, enflurane, and isoflurane in the New Zealand white rabbit: and a test for the validity of MAC determinations. Drummond JC. **Anesthesiology** 1985 Mar; 62(3):336–8

Chemistry of halothane–enflurane mixtures applied to anesthesia. Korman B, et al. **Anesthesiology** 1985 Aug; 63(2):152–6

Halothane, isoflurane, and enflurane MAC in pregnant and nonpregnant female and male mice and rats. Mazze RI, et al. **Anesthesiology** 1985 Mar;62(3):339–41

Cardiac arrhythmias during anaesthesia for laparoscopy. Harris MN, et al. **Br J Anaesth** 1984 Nov;56(11):1213–7

Clinical comparison of inhalation anaesthetic agents. Jones RM. **Br J Anaesth** 1984;56 Suppl 1:57S–69S (84 ref.)

Clinical anaesthesia in the horse: comparison of enflurane and halothane. Taylor PM, et al. **Equine Vet J** 1985 Jan; 17(1):51–7

[Tramadol infusion anesthesia with the substitution of enflurane and various nitrous oxide concentrations] Paravicini D, et al. **Anaesthesist** 1985 Jan;34(1):20–7 (Eng. Abstr.) **(Ger)**

[Continuous electroencephalographic registration with the Berg–Fourier instrument: enflurane and clinical anesthesia] Maione M, et al. **Minerva Anestesiol** 1984 May;50(5):177–81 (Eng. Abstr.) **(Ita)**

[Anesthetic management of a patient with Déjerine–Sottas disease] Amano N, et al. **Masui** 1985 Jun;34(6):828–31 (Eng. Abstr.) **(Jpn)**

[The effects of enflurane on somatosensory evoked responses simultaneously recorded from brain, spinal cord and peripheral nerve in man] Fujioka H, et al. **Masui** 1984 Jul; 33(7):698–702 (Eng. Abstr.) **(Jpn)**

[Changes in canine intrahepatic blood flow distribution under inhalational anesthetics] Hasegawa K, et al. **Masui** 1985 May;34(5):619–25 (Eng. Abstr.) **(Jpn)**

[An anesthetic experience with a patient with Eaton–Lambert syndrome] Kotani N, et al. **Masui** 1985 Apr;34(4):508–11 (Eng. Abstr.) **(Jpn)**

[Effects of enflurane and halothane anesthesia on hepatic circulation and hepatic metabolism] Mizukami S, et al. **Masui** 1984 Nov;33(11):1213–7 (Eng. Abstr.) **(Jpn)**

[Influence of halothane, enflurane and epidural anesthesia on the secretion of gastric juice and gastrin] Ono A. **Masui** 1984 Aug;33(8):863–9 (Eng. Abstr.) **(Jpn)**

[Effects of halothane and enflurane on the airway dynamics] Sakai T, et al. **Masui** 1984 Jul;33(7):709–13 (Eng. Abstr.) **(Jpn)**

[The effects of naloxone reversal on enflurane-N2O-O2 anesthesia] Takeshima R, et al. **Masui** 1984 Oct; 33(10):1064–9 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

Free-standing vaporizers. Another hazard. Kelly DA. **Anaesthesia** 1985 Jul;40(7):661–3

[Anesthesia programmed by enflurane] Neidhardt A, et al. **Cah Anesthesiol** 1984 Dec;32(8):631–6 (Eng. Abstr.) **(Fre)**

ADVERSE EFFECTS

Enflurane, isoflurane and the eye. Earnshaw G. **Acta Anaesthesiol Scand** 1984 Aug;28(4):419–21

Isoflurane and enflurane in long anaesthesias for plastic microsurgery. Oikkonen M. **Acta Anaesthesiol Scand** 1984 Aug;28(4):412–8

Cardiac dysrhythmias during outpatient dental anaesthesia with enflurane. The role of 'beta blockade'. Rollason WN, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):497–502

Enflurane hepatitis. A report of a case with a previous history of halothane hepatitis. Sigurdsson J, et al. **Acta Anaesthesiol Scand** 1985 Jul;29(5):495–6

Effect of a small dose of droperidol on nausea, vomiting and recovery after outpatient enflurane anaesthesia. Valanne J, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):359–62

Convulsive reaction following enflurane anaesthesia [letter] Yazji NS, et al. **Anaesthesia** 1984 Dec;39(12):1249

Cardiac dysrhythmias during dental surgery: a comparison of halothane and enflurane in children. Haden RM. **Br Dent J** 1985 Jan 5;158(1):23–4

Cerebral convulsion after enfluran anaesthesia and occupational exposure to tetrahydrofuran [letter] Juntunen J, et al. **J Neurol Neurosurg Psychiatry** 1984 Nov; 47(11):1258

[Post-anesthetic stage after inhalation of halothane, enflurane, isoflurane and nitrous oxide] Brandt L, et al. **Cah Anesthesiol** 1985 Mar;33(2):161–3 **(Fre)**

[The so-called hepatotoxic effects of enflurane. Ultramicroscopic study of human biopsies] Tesoro S. **Minerva Anestesiol** 1984 Jun;50(6):353–7 **(Ita)**

[The effect of halothane and enflurane on liver and renal function in patients with liver cirrhosis] Tanifuji Y, et al. **Masui** 1985 Mar;34(3):343–7 (Eng. Abstr.) **(Jpn)**

ANALYSIS

[A research on misfilling of inhalation anesthetics into vaporizers] Kumazawa T, et al. **Masui** 1984 Aug; 33(8):882–8 (Eng. Abstr.) **(Jpn)**

BLOOD

Effect of temperature and age on the solubility of enflurane, halothane, isoflurane, and methoxyflurane in human blood. Eger RR, et al. **Anesth Analg** 1985 Jun;64(6):640–2

METABOLISM

A transplanted liver rapidly begins to metabolize enflurane in humans. Rosenberg PH, et al. **Anesth Analg** 1984 Dec; 63(12):1131–2

Inhibition and stimulation of enflurane metabolism in the rat following a single dose or chronic administration of ethanol. Pantuck EJ, et al. **Anesthesiology** 1985 Mar; 62(3):255–62

PHARMACODYNAMICS

Haemodynamics and myocardial oxygenation during anaesthesia for coronary artery surgery: comparison between enflurane and high-dose fentanyl anaesthesia. Heikkilä H, et al. **Acta Anaesthesiol Scand** 1985 Jul; 29(5):457–64

Cardiovascular studies during controlled baroreflex activation in the dog: I. Effects of enflurane. Henriksson BA, et al. **Acta Anaesthesiol Scand** 1985 Jan;29(1):90–4

Cardiovascular studies during controlled baroreflex activation in the dog: II. Effects of metoprolol and enflurane. Henriksson BA, et al. **Acta Anaesthesiol Scand** 1985 Jan;29(1):95–100

Vasodilator responses to enflurane in the small intestine. Henriksson BA, et al. **Acta Anaesthesiol Scand** 1985 Apr; 29(3):287–93

Intestinal vascular effects of inhaled and locally administered enflurane in the cat. Henriksson BA, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):294–9

Effects of enflurane on coronary haemodynamics in patients with ischaemic heart disease. Rydvall A, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):690–5

Acute interaction of halothane and enflurane with the metabolism of ethanol in isolated hepatocytes and liver cytosol preparations from the rat. Aune H, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Mar;56(3):254–9

Ventilatory response during halothane and enflurane anaesthesia. Charlton AJ, et al. **Anaesthesia** 1985 Jan; 40(1):18–22

Enflurane and adenosine 3',5'-cyclic monophosphate metabolism in pancreatic islets. Ewart RB, et al. **Anesth Analg** 1985 Jan;64(1):18–22

Hormonal and hemodynamic responses to halothane and enflurane in spontaneously hypertensive rats. Miller ED Jr, et al. **Anesth Analg** 1985 Feb;64(2):136–42

Anesthetics and theophylline metabolism [letter] Nakatsu K. **Anesth Analg** 1985 Apr;64(4):460–2

Effects of enflurane and isoflurane on resistance to reabsorption of cerebrospinal fluid in dogs. Artru AA. **Anesthesiology** 1984 Nov;61(5):529–33

Local application of 133Xenon for measurement of regional cerebral blood flow (rCBF) during halothane, enflurane, and isoflurane anesthesia in humans. Eintrei C, et al. **Anesthesiology** 1985 Oct;63(4):391–4

Enflurane enhances postischemic functional recovery in the isolated rat heart. Freedman BM, et al. **Anesthesiology** 1985 Jan;62(1):29–33

Effects of enflurane, isoflurane, and nitrous oxide on somatosensory evoked potentials during fentanyl anesthesia. McPherson RW, et al. **Anesthesiology** 1985 May;62(5):626–33

Responses of recurrent laryngeal, hypoglossal, and phrenic nerves to increasing depths of anesthesia with halothane or enflurane in vagotomized cats. Nishino T, et al. **Anesthesiology** 1985 Oct;63(4):404–9

Anticonvulsant actions of enflurane on epilepsy models in cats. Oshima E, et al. **Anesthesiology** 1985 Jul;63(1):29–40

Does isoflurane really preserve baroreflex responsiveness better than halothane or enflurane? [letter] Roy RC. **Anesthesiology** 1984 Oct;61(4):482–4

Effects of enflurane on myocardial ischaemia in the dog. van Ackern K, et al. **Br J Anaesth** 1985 May;57(5):497–504

Enflurane, halothane and isoflurane do not inhibit angiotensin converting enzyme activity. Alifimoff JK, et al. **Can Anaesth Soc J** 1985 Jul;32(4):351–7

Myocardial metabolism and haemodynamic responses with enflurane anaesthesia for coronary artery surgery. Moffitt EA, et al. **Can Anaesth Soc J** 1984 Nov;31(6):604–10

Effect of halogenated anaesthetics on heart rate changes during reversal of neuromuscular block with glycopyrrolate and neostigmine. Samra SK, et al. **Can Anaesth Soc J** 1984 Nov;31(6):619–23

Comparative metabolic effects of halothane and enflurane in rat heart cell culture. Albrecht RF, et al. **J Cardiovasc Pharmacol** 1985 Jul–Aug;7(4):799–804

Porcine brain and myocardial perfusion during enflurane anesthesia without and with nitrous oxide. Manohar M, et al. **J Cardiovasc Pharmacol** 1984 Nov–Dec;6(6):1092–101

Effect of enflurane, isoflurane, and halothane on pacing stimulation thresholds in man. Zaidan JR, et al. **PACE** 1985 Jan;8(1):32–4

Effects of enflurane on excitation–contraction coupling in frog skeletal muscle fibers. Kurihara S, et al. **Pflugers Arch** 1984 Dec;402(4):345–52

Enflurane and isoflurane inhibit the oxidative activity of pulmonary alveolar macrophages. Welch WD. **Respiration** 1985;47(1):24–9

[Control of systemic blood pressure changes during surgery for retinal detachment. Comparison of neuroleptanalgesia with or without enflurane] Qui C, et al. **Agressologie** 1984 Jun;25(7):849–52 (Eng. Abstr.) **(Fre)**

[Enflurane and extracorporeal circulation. Peripheral vascular effects and consequences of hypothermia on its biotransformation] Videcoq M, et al. **Ann Fr Anesth Reanim** 1985;4(1):3–8 (Eng. Abstr.) **(Fre)**

[Hemodynamic and respiratory variations caused by halothane and enflurane] Chardon P, et al. **Cah Anesthesiol** 1984 Mar;32(2):93–100 **(Fre)**

[Modification of granulocyte chemotaxis during anesthesia for surgery] Valentino M, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):145–9 (Eng. Abstr.) **(Ita)**

[Contracture responses of the muscle from a patient with malignant hyperthermia to drugs] Iwatsuki N, et al. **Masui** 1984 Jul;33(7):731–6 (Eng. Abstr.) **(Jpn)**

[A comparative study of the effect of halothane, enflurane and isoflurane on the ischemic rat heart using a working heart preparation] Kirihara T, et al. **Masui** 1984 Oct;33(10):1082–7 (Eng. Abstr.) **(Jpn)**

[Normal range of intraocular pressure during enflurane anesthesia in children] Masuda R, et al. **Masui** 1985 Mar;34(3):325–9 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Multivariate slope ratio assay with repeated measurements. Hui SL, et al. **Biometrics** 1985 Mar;41(1):11–8

TOXICITY

Cardiovascular effects of enflurane and asphyxia during long-term beta 1-adrenoceptor blockade. Henriksson BA, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):363–70

Comparative effects of halothane, enflurane, and methoxyflurane on the incidence of abnormal development using sea urchin gametes as an in vitro model system. Hinkley RE Jr, et al. **Anesth Analg** 1985 Oct;64(10):1005–9

Comparison of the requirements for hepatic injury with halothane and enflurane in rats. Lind RC, et al. **Anesth Analg** 1985 Oct;64(10):955–63

Glutathione and glutathione S-transferases in rat liver after inhalation of halothane and enflurane. Dale O, et al. **Toxicol Lett** 1984 Oct;23(1):61–6

[Biochemical changes in the liver and erythrocytes of rats exposed to chronic enthrane poisoning] Leoni L, et al. **Minerva Anestesiol** 1984 Jun;50(6):359–64 **(Ita)**

[Hypovolemic hypotension and hepatic function. Comparison of halothane and enflurane] Marinelli L, et al. **Minerva Anestesiol** 1984 Jun;50(6):347–52 (Eng. Abstr.) **(Ita)**

ENGINEERING

Mortality experience of electrical engineers. Olin R, et al. **Br J Ind Med** 1985 Mar;42(3):211–2

Mortality of workers in an automobile engine and parts manufacturing complex. Vena JE, et al. **Br J Ind Med** 1985 Feb;42(2):85–93

Comparison of occupational hearing losses among military engineers and their civilian counterparts. Fletcher JL, et al. **J Aud Res** 1983 Oct;23(4):241–50

Bioengineers, health-care technology and bioethics. Saha S, et al. **J Med Eng Technol** 1985 Mar–Apr;9(2):55–60

Computer-based research by disabled engineers: a case study. Morris V. **J R Coll Physicians Lond** 1985 Jan;19(1):34–8

Successful engineering control of hazardous exposures a team effort. Burton DJ. **Occup Health Saf** 1985 May;54(5):22

The offshore worker. Elliott DH. **Practitioner** 1985 Jun;229(1404):565–71

What every chemical engineer should know about environmental health hazards. Deisler PF Jr. **Regul Toxicol Pharmacol** 1984 Dec;4(4):400–14

[Cooperation of engineer and physician. Orthopedics—an example of the productive alliance of medicine and technic] Rettig H. **Fortschr Med** 1985 Feb 14;103(6):78–9 **(Ger)**

[Field use of instrumentation applying radioisotopes. Nondestructive inspection] Shigeta M. **Radioisotopes** 1985 Jan;34(1):47–51 **(Jpn)**

[Application of nuclear technic in civil engineering] Yamamoto T. **Radioisotopes** 1985 Jan;34(1):52–6 **(Jpn)**

[Reproductive function in the female workers at an oil field engineering plant] Alekperov II, et al. **Gig Tr Prof Zabol** 1984 Sep;(9):43–5 **(Rus)**

[Relations between changes in lipid metabolism and the degree of exposure to neuro-emotional factors] Melkumian AN, et al. **Gig Tr Prof Zabol** 1984 Nov;(11):23–6 (Eng. Abstr.) **(Rus)**

[Organizational and practical questions concerning the work of engineer-physician teams] Retnev VM, et al. **Gig Tr Prof Zabol** 1984 Nov;(11):26–30 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of the tuberculin sensitivity and T- and B-cell levels in the peripheral blood of workers in electromechanical engineering] Strelis AK, et al. **Gig Tr Prof Zabol** 1985 May;(5):48–9 **(Rus)**

[Nature and dynamics of residual changes in the lungs of clinically cured tuberculosis patients working in the engineering industry] Nechaeva OB. **Probl Tuberk** 1985;(3):34–8 (Eng. Abstr.) **(Rus)**

[Method of therapeutic physical exercises in industry for patients suffering from hypertension] Bogomolov AN, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Jul–Aug;(4):25–8 (Eng. Abstr.) **(Rus)**

ENGINEERING, HOSPITAL see **MAINTENANCE AND ENGINEERING, HOSPITAL**

ENGINEERING PSYCHOLOGY see **HUMAN ENGINEERING**

ENGRAVING AND ENGRAVINGS

Illustrations from the Wellcome Institute Library. Iconography of Dr William Kitchiner (1775?–1827). **Med Hist** 1984 Apr;28(2):202–9

ENHANCEMENT OF GRAFTS, IMMUNOLOGIC see **GRAFT ENHANCEMENT, IMMUNOLOGIC**

ENHANCER ELEMENTS (GENETICS) see under **GENES, REGULATOR**

ENKEPHALIN, LEUCINE

Conformational states of Leu5- and Met5-enkephalins in solution. Renugopalakrishnan V, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1029–35

Evidence for a folded conformation of methionine- and leucine-enkephalin in a membrane environment. Behnam BA, et al. **J Biol Chem** 1984 Dec 10;259(23):14935–40

[Analysis of enkephalin conformation using circular dichroism and fluorescence spectroscopy] Strel'tsova ZA. **Bioorg Khim** 1984 Jun;10(6):817–23 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Central versus peripheral actions of Leu-enkephalin on acquisition of a one-way active avoidance response in rats. Martinez JL Jr, et al. **Brain Res** 1985 Feb 18;327(1–2):37–43

A study of intracerebroventricular self-administration of leucine or methionine enkephalin by rats in response to intermittent electric shocks. Dib B. **Pain** 1985 May;22(1):49–57

ANALOGS & DERIVATIVES

Intrathecal morphine tolerance: use of intrathecal clonidine, DADLE, and intraventricular morphine. Coombs DW, et al. **Anesthesiology** 1985 Mar;62(3):358–63

Evidence for a dual mechanism in the anesthetic action of an opioid peptide. Dodson BA, et al. **Anesthesiology** 1985 May;62(5):615–20

Drinking behavior is modulated by CNS administration of opioids in the rat. Czech DA, et al. **Appetite** 1984 Mar;5(1):15–24

N-cyclo-[Leu5]enkephalin: a rational approach for the synthesis of conformationally restricted cyclic pentapeptides. Shuldiner AR, et al. **Arch Biochem Biophys** 1985 Apr;238(1):111–7

Desensitization of opioid-stimulated GTPase in neuroblastoma x glioma hybrid cells. Vachon L, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1342–9

Sodium regulation of opioid agonist binding is potentiated by pertussis toxin. Wüster M, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1107–15

The metabolism of neuropeptides. Endopeptidase-24.11 in human synaptic membrane preparations hydrolyses substance P. Matsas R, et al. **Biochem J** 1985 Jun 1;228(2):487–92

Effect of opiates on the release of cholecystokinin from in vitro hypothalamus and frontal cortex of Zucker lean (Fa/–) and obese (fa/fa) rats. Micevych PE, et al. **Brain Res** 1985 Jul 1;337(2):382–5

Blockade of cholinergic receptors in the C1 area abolishes hypertensive response to opiates in the A1 area of the ventrolateral medulla. Punnen S, et al. **Brain Res** 1985 Jun 10;336(1):180–6

Blood–brain barrier permeability to leucine-enkephalin, D-alanine2-D-leucine5-enkephalin and their N-terminal amino acid (tyrosine). Zlokovic BV, et al. **Brain Res** 1985 Jun 10;336(1):125–32

Hyperthermic response of the cat to intraventricular injection of the opioid delta-receptor agonist D-Ala2-D-Leu5-enkephalin. Pang IH, et al. **Brain Res Bull** 1984 Aug;13(2):263–8

Influence of intracerebroventricular (ICV) GTP-electrolyte infusion on ICV (D-ALA2, D-LEU5) enkephalin (DADL)-induced cardiovascular effects in rats. McDonald WJ, et al. **Clin Exp Hypertens [A]** 1984;6(10–11):1837–41

Effect of [D-Ala2,Met5]enkephalinamide and [D-Ala2,D-Leu5]enkephalin on cholinergic and noradrenergic neurotransmission in isolated atria. Wong-Dusting HK, et al. **Eur J Pharmacol** 1985 Apr 23;111(1):65–72

Saturable [D-Ala2, D-Leu5]-enkephalin transport into cholinergic synaptic vesicles. Day NC, et al. **FEBS Lett** 1985 Apr 8;183(1):25–8

Melphalan potently substitutes the N-terminal Tyr of D-Ala2-Leu5-enkephalin methyl ester. Szücs M, et al. **FEBS Lett** 1985 Jan 1;179(1):87–90

Central and peripheral control of gastrointestinal and colonic motility by endogenous opiates in conscious dogs. Bueno L, et al. **Gastroenterology** 1985 Feb;88(2):549–56

Synthesis and biological activity of monothionated analogs of leucine-enkephalin. Lajoie G, et al. **Int J Pept Protein Res** 1984 Oct;24(4):316–27

Comparative studies of the binding of dimeric and monomeric enkephalins to neuroblastoma-glioma NG108-15 cells. Krumins SA, et al. **J Neurochem** 1985 Jul;45(1):101–7

Behavioural and biochemical effects in C57BL/6J mice after a prolonged treatment with the delta-opiate antagonist ICI 154129. Volterra A, et al. **J Pharm Pharmacol** 1984 Dec;36(12):849–51

Two new opioid delta-receptor ligands: a highly selective agonist and a potent selective antagonist in in vitro isolated preparations. Ueki M, et al. **Jpn J Pharmacol** 1984 Dec;36(4):485–9

The anticonvulsant effects of DADLE are primarily mediated by activation of delta opioid receptors: interactions between delta and mu receptor antagonists. Tortella FC, et al. **Life Sci** 1985 Aug 12;37(6):497–503

A quantitative study of [3H]D-Ala2-D-Leu5-enkephalin binding to rat brain membranes. Evidence that oxymorphone is a noncompetitive inhibitor of the lower affinity delta-binding site. Rothman RB, et al. **Mol Pharmacol** 1985 Mar;27(3):399–409

Studies in vivo with ICI 174864 and [D-Pen2, D-Pen5]enkephalin. Cowan A, et al. **Neuropeptides** 1985 Feb;5(4–6):311–4

Studies in vitro with ICI 174,864, [D-Pen2, D-Pen5]-enkephalin (DPDPE) and [D-Ala2, NMePhe4, Gly-ol]-enkephalin (DAGO). Hirning LD, et al. **Neuropeptides** 1985 Feb;5(4–6):383–6

ICI 174864, a putative delta opioid antagonist, reverses endotoxemic hypotension: pretreatment with dynorphin 1–13, A kappa agonist, blocks this action. Long JB, et al. **Neuropeptides** 1984 Dec;5(1–3):291–4

Increased affinity of dimeric enkephalins is not dependent on receptor density. Lutz RA, et al. **Neuropeptides** 1985 Apr;6(2):167–74

Opiate receptor-mediated chemotaxis of human monocytes. Ruff MR, et al. **Neuropeptides** 1985 Feb;5(4–6):363–6

Actions of D-Ala2-D-Leu5-enkephalin and dynorphin A (1–17) on neocortical neurons in vitro. Sutor B, et al. **Neuropeptides** 1984 Dec;5(1–3):241–4

Effects of dynorphin A (1–17), dynorphin A (1–13) and D-ala2-D-leu5-enkephalin on the excitability of pyramidal cells in CA1 and CA2 of the rat hippocampus in vitro. Vidal C, et al. **Neuropeptides** 1984 Dec;5(1–3):237–40

In vivo evidence for the selectivity of ICI 154129 for the delta-opioid receptor. Priestley T, et al. **Neuropharmacology** 1985 Feb;24(2):107–10

Autoradiographic localization of opioid receptors in the rat stomach. Nishimura E, et al. **Neurosci Lett** 1984 Sep 7;50(1–3):73–8

Behavioural effects in rats of unilateral and bilateral injections of opiate receptor agonists into the globus pallidus. Dewar D, et al. **Neuroscience** 1985 May;15(1):41–6

Enkephalin pseudopeptides: resistance to in vitro proteolytic degradation afforded by amide bond replacements extends to remote sites. Benovitz DE, et al. **Peptides (Fayetteville)** 1985 Mar–Apr;6(2):257–61

Selective delta-opioid receptor antagonism by ICI 174,864 in the central nervous system. Dray A, et al. **Peptides (Fayetteville)** 1984 Sep–Oct;5(5):1015–6

Lack of renal tubular and hemodynamic effects of non-selective and delta-opioid receptor antagonism.

Barrett RJ, et al. **Pharmacol Res Commun** 1985 Jan; 17(1):49-61

Binding site specificity of gamma-radiation-induced crosslinking between phenylalanine and a phenylalanine-containing tetrapeptide. Kim HJ, et al. **Radiat Res** 1984 Oct;100(1):30-40

A general procedure for analysis of proenkephalin B derived opioid peptides. Christensson-Nylander I, et al. **Regul Pept** 1985 May;11(1):65-76

In vivo modulation of intestinal motility and sites of opioid effects in the rat. Ruckebusch Y, et al. **Regul Pept** 1984 Sep;9(1-2):109-17

[Stability of opiate receptors of wet and lyophilized preparations of rat brain membranes] Zaitsev SV, et al. **Biokhimiia** 1984 Jul;49(7):1127-33 (Eng. Abstr.) (Rus)

[The effect of di- and trivalent metal ions on the binding of [3H-Tyr1, D-Ala2, D-Leu5] enkephalin to opiate receptors from the rat brain] Porodenko NV, et al. **Bioorg Khim** 1984 Jul;10(7):902-11 (Eng. Abstr.) (Rus)

[The nature of cation-binding groups in binding sites for [[3H]Tyr1, D-Ala2, D-Leu5]enkephalin] Zaitsev SV, et al. **Bioorg Khim** 1985 Feb;11(2):153-61 (Eng. Abstr.) (Rus)

[Differential method of analyzing ligand complex formation with binding centers. The detection of the superhigh-affinity binding centers of opiate ligands] Zaitsev SV, et al. **Dokl Akad Nauk SSSR** 1985;281(3):727-31 (Rus)

[Effect of di- and trivalent metal ions on the complexing of D-ala2, D-leu5-enkephalin with opiate receptors of brain membrane preparations] Zaitsev SV, et al. **Dokl Akad Nauk SSSR** 1984;277(5):1260-3 (Rus)

[Effect of enkephalins on the motor function of smooth-muscle cells of the stomach and mesenteric lymphatic vessels] Zverev MD, et al. **Fiziol Zh SSSR** 1985 Feb;71(2):255-8 (Rus)

[Biochemical aspects of enkephalin participation in the regulation of adrenergic effects on myocardium] Pavlenko VS, et al. **Vopr Med Khim** 1984;30(6):64-7 (Eng. Abstr.) (Rus)

ANALYSIS

Demonstration and characterization of immunoreactive methionine-enkephalin, leucine-enkephalin, methionine-enkephalin-Arg6-Gly7-Leu8 and methionine-enkephalin-Arg6-Phe7 in human phaeochromocytoma. Yoshimasa T, et al. **Acta Endocrinol (Copenh)** 1984 Oct;107(2):261-7

Hemorrhagic shock and the central vasopressin and opioid peptide system of rats. Feuerstein G, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):E244-50

Neuropeptides and gamma-aminobutyric acid in the vestibular nuclei of the rat: an immunohistochemical analysis. I. Distribution. Nomura I, et al. **Brain Res** 1984 Oct 8;311(1):109-18

Possible interactions between dynorphin and dopaminergic systems in rat basal ganglia and substantia nigra. Quirion R, et al. **Brain Res** 1985 Apr 8;331(2):358-62

Distribution of immunoreactive Met-enkephalin-Arg6-Gly7-Leu8 and Leu-enkephalin in discrete regions of the rat brain. Zamir N, et al. **Brain Res** 1985 Feb 4;326(1):1-8

Localization of substance P-like, leucine-enkephalin-like, methionine-enkephalin-like, and FMRFamide-like immunoreactivity in the eyestalk of the fiddler crab, Uca pugilator. Fingerman M, et al. **Cell Tissue Res** 1985; 241(3):473-7

Effect of hemorrhage on vasopressin, dynorphin A, and leu5-enkephalin in the hypothalamo-pituitary system of the rat. Feuerstein G, et al. **Clin Exp Hypertens [A]** 1984; 6(10-11):1973-6

Tissue concentrations of opioid peptides in rats do not depend on blood pressure height. Gaida W, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):2045-50

Effect of denervation on the leucine-enkephalin content of the adrenal gland of spontaneously hypertensive rats (SHRSP). Kraft K, et al. **Clin Exp Hypertens [A]** 1984; 6(10-11):2059-62

Effects of traumatic injury on dynorphin immunoreactivity in spinal cord. Cox BM, et al. **Neuropeptides** 1985 Feb; 5(4-6):571-4

Localization and quantitation of proenkephalin-derived neuropeptides in the rat hippocampus. Hoffman DW, et al. **Neuropeptides** 1985 Feb;5(4-6):437-40

Characterization of a high molecular weight polypeptide from spinal cord with (Leu) enkephalin-immunoreactivity. Wahlström A, et al. **Neuropeptides** 1985 Feb;5(4-6):509-12

Immunohistochemical localization of Met-enkephalin, Met-enkephalin-Arg6-Gly7-Leu8, Met-enkephalin-Arg6-Phe7 and Leu-enkephalin in human adrenal medulla and pheochromocytomas. Osamura RY, et al. **Peptides (Fayetteville)** 1984 Sep-Oct;5(5):993-1000

Methionine and leucine enkephalin in rat neurohypophysis: different responses to osmotic stimuli and T2 toxin. Zamir N, et al. **Science** 1985 May 3;228(4699):606-8

[Experimental research on the yin-yang theory in traditional Chinese medicine (III). The effect of monkshood, bark of the Chinese cassia tree and liu wei di huang fang on the enkephalin of brain tissue in renovascular hypertensive rats] Gu DG, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb; 5(2):105-7, 69 (Eng. Abstr.) (Chi)

BIOSYNTHESIS

On the origin of Leu-enkephalin and Met-enkephalin in the rat neurohypophysis. Zamir N. **Endocrinology** 1985 Oct; 117(4):1687-92

Dynorphinergic pathways of Leu-enkephalin production in the rat brain. Zamir N, et al. **Neuropeptides** 1985 Feb; 5(4-6):441-4

BLOOD

Enkephalin pseudopeptides: resistance to in vitro proteolytic degradation afforded by amide bond replacements extends to remote sites. Benovitz DE, et al. **Peptides (Fayetteville)** 1985 Mar-Apr;6(2):257-61

CEREBROSPINAL FLUID

Cerebrospinal fluid leucine-enkephalin-like levels in febrile convulsions. Laorden ML, et al. **Methods Find Exp Clin Pharmacol** 1985 Feb;7(2):75-7

CHEMICAL SYNTHESIS

[Synthesis of leucine- and methionine-enkephalin using papain] Zapevalova NP, et al. **Bioorg Khim** 1985 Jun; 11(6):733-7 (Eng. Abstr.) (Rus)

METABOLISM

Interaction of Leu-enkephalin with isolated enterocytes from guinea pig: binding to specific receptors and stimulation of cAMP accumulation. López-Ruiz MP, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):404-11

Evidence for corticotropin releasing factor and Leu-enkephalin in the neural projection from the lateral parabrachial nucleus to the median preoptic nucleus: a retrograde transport, immunohistochemical double labeling study in the rat. Lind RW, et al. **Brain Res** 1984 Nov 12; 321(2):217-24

Blood-brain barrier permeability to leucine-enkephalin, D-alanine2-D-leucine5-enkephalin and their N-terminal amino acid (tyrosine). Zlokovic BV, et al. **Brain Res** 1985 Jun 10;336(1):125-32

Pulmonary metabolism of exogenous enkephalins in isolated perfused rat lungs. Gillespie MN, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):675-81

Development of hypothalamic opioid neurons: a combined immunocytochemical and [3H]thymidine autoradiographic study. Khachaturian H, et al. **Neuropeptides** 1985 Feb; 5(4-6):477-80

PHARMACODYNAMICS

The stimulation of glycogenolysis in isolated hepatocytes by opioid peptides. Leach RP, et al. **Biochem J** 1985 Apr 1; 227(1):191-7

Structure-activity evidence against opiate receptor involvement in Leu5-enkephalin-induced pulmonary vasoconstriction. Crooks CA, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4095-8

[Leu5]enkephalin inhibits norepinephrine-induced contraction of rat aorta. Ruth JA, et al. **Eur J Pharmacol** 1984 Oct 1;105(1-2):189-91

Lack of response in the release of oxytocin and vasopressin from isolated neurohypophyses to dopamine, met-enkephalin and leu-enkephalin. Pitzel L, et al. **Exp Brain Res** 1984;56(2):221-6

Effects of Leu5-enkephalin on natural and angiotensin II-induced drinking in the Japanese quail (Coturnix coturnix japonica). Uemura H, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):240-5

Synthesis and biological activity of monothionated analogs of leucine-enkephalin. Lajoie G, et al. **Int J Pept Protein Res** 1984 Oct;24(4):316-27

Modulation of cholinergic neurotransmission in airways by enkephalin. Russell JA, et al. **J Appl Physiol** 1985 Mar; 58(3):853-8

Pharmacological evidence that central alpha 2-adrenoceptors are involved in cardiovascular responses to intravenously injected enkephalins in anesthetized dogs. Koyama S, et al. **Jpn J Physiol** 1984;34(6):995-1002

Modulation by leu-enkephalin of peptide release from perifused neurointermediate pituitary. I. Selective effect on potassium-, veratridine- and isoproterenol-stimulated secretion of vasopressin. Al Zein M, et al. **Neuroendocrinology** 1984 Nov;39(5):392-6

Pulmonary vascular effects of Leu5-enkephalin in conscious newborn lambs. Kulik TJ, et al. **Peptides (Fayetteville)** 1985 Jan-Feb;6(1):1-5

Antinociceptive and behavioral effects of leu-enkephalin (LENK) or D-Ala2-met-enkephalinamide (DAMEA) in rats after central chemical sympathectomy or serotoninectomy. Brus R, et al. **Pol J Pharmacol Pharm** 1985 Jan-Feb;37(1):23-31

[Differences in the action of enkephalins, beta-endorphin, and morphine on spontaneous rhythmic movements of the isolated rabbit ileum] Beleslin DB, et al. **C R Soc Biol (Paris)** 1984;178(4):392-6 (Eng. Abstr.) (Fre)

[Effect of leu-enkephalin and the delta-sleep-inducing peptide, M (DSIP), on endogenous noradrenaline release by brain synaptosomes in the rat] Rozhanets VV, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):199-201 (Eng. Abstr.) (Rus)

[Effect of enkephalins on the motor function of smooth-muscle cells of the stomach and mesenteric lymphatic vessels] Zverev MD, et al. **Fiziol Zh SSSR** 1985 Feb;71(2):255-8 (Rus)

[Effect of enkephalins on the calcium-regulating function of the endocrine glands] Zoloev GK, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):42-4 (Eng. Abstr.) (Rus)

[Effect of enkephalins on the plasticity of pond snail] Verbnyi IaI. **Zh Vyssh Nerv Deiat** 1985 Mar-Apr;35(2):306-13 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

[Clinical evaluation of hexapeptide dalargine used in the treatment of duodenal ulcer] Smagin VG, et al. **Ter Arkh** 1984;56(11):49-52 (Eng. Abstr.) (Rus)

[Modulation of the proliferative response of lymphocytes with a new enkephalin analog—dalargin] Vinogradov VA, et al. **Ter Arkh** 1984;56(11):114-6 (Rus)

ENKEPHALIN, METHIONINE

Conformational states of Leu5- and Met5-enkephalins in solution. Renugopalakrishnan V, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1029-35

Evidence for a folded conformation of methionine- and leucine-enkephalin in a membrane environment. Behnam BA, et al. **J Biol Chem** 1984 Dec 10;259(23):14935-40

ADMINISTRATION & DOSAGE

A study of intracerebroventricular self-administration of leucine or methionine enkephalin by rats in response to intermittent electric shocks. Dib B. **Pain** 1985 May; 22(1):49-57

ANALOGS & DERIVATIVES

Co-storage of adrenaline and noradrenaline with Met-enkephalin-Arg6-Gly7-Leu8 and Met-enkephalin-Arg6-Phe7 in chromaffin cells of hamster adrenal medulla. Kobayashi S, et al. **Arch Histol Jpn** 1984 Aug;47(3):319-36

Met-enkephalin-Arg6-Gly7-Leu8 in the organ of Corti: high performance liquid chromatography and immunoelectron microscopy. Eybalin M, et al. **Brain Res** 1985 Apr 8; 331(2):389-95

Met-enkephalin-Arg6-Phe7-like immunoreactive substances mediate electroacupuncture analgesia in the periaqueductal gray of the rabbit. Han JS, et al. **Brain Res** 1984 Nov 26; 322(2):289-96

The opioid octapeptide Met5-enkephalin-Arg6-Gly7-Leu8: characterization and distribution in rat spinal cord. Iadarola MJ, et al. **Brain Res** 1985 Mar 18;330(1):127-34

Evidence for the coexistence of acetylcholine and enkephalin in the sympathetic preganglionic neurons of rats. Kondo H, et al. **Brain Res** 1985 Jun 3;335(2):309-14

Immunohistochemical study on Met-enkephalin-Arg-Gly-Leu-like immunoreactive nerve fibers in the rat adrenal medulla. Kondo H, et al. **Brain Res** 1984 Sep 24;310(2):371-5

Electroencephalographic spreading depression and concomitant behavioral changes induced by intrahippocampal injections of ACTH1-24 and D-Ala2-Met-enkephalinamide in the rat. Oitzl MS, et al. **Brain Res** 1984 Aug 6;308(1):33-42

Possible interactions between dynorphin and dopaminergic systems in rat basal ganglia and substantia nigra. Quirion R, et al. **Brain Res** 1985 Apr 8;331(2):358-62

Effects of enkephalin and 5-hydroxytryptamine on solitary tract neurones involved in respiration and respiratory reflexes. Sessle BJ, et al. **Brain Res** 1985 Feb 18; 327(1-2):221-30

Distribution of immunoreactive Met-enkephalin-Arg6-Gly7-Leu8 and Leu-enkephalin in discrete regions of the rat brain. Zamir N, et al. **Brain Res** 1985 Feb 4;326(1):1-8

Cardiovascular properties of metkephamid, a delta opioid receptor agonist, in man. Pasanisi F, et al. **Clin Sci** 1985 Feb;68(2):209-13

[D-Met2,Pro5]enkephalinamide activates cardioinhibitory efferents in anaesthetized dogs. Inoue K, et al. **Eur J Pharmacol** 1985 Apr 2;110(2):233-9

Naloxone inhibits both glucocorticoid and [D-Ala2,Met5]enkephalinamide reversal of behavioural effect of adrenalectomy. Jefferys D, et al. **Eur J Pharmacol** 1984 Aug 17;103(3-4):205-10

Effect of bestatin and thiorphan on [Met5]enkephalin-Arg6-Phe7-induced analgesia. Reggiani A, et al. **Eur J Pharmacol** 1984 Oct 15;105(3-4):361-4

Effect of [D-Ala2,Met5]enkephalinamide and [D-Ala2,D-Leu5]enkephalin on cholinergic and noradrenergic neurotransmission in isolated atria. Wong-Dusting HK, et al. **Eur J Pharmacol** 1985 Apr 23; 111(1):65-72

D-ala2-Metenkephalinamide blocks the synaptically elicited cortical spreading depression in rats. Oitzl MS, et al. **Experientia** 1985 May 15;41(5):625-7

Central and peripheral control of gastrointestinal and colonic motility by endogenous opiates in conscious dogs. Bueno L, et al. **Gastroenterology** 1985 Feb;88(2):549-56

Evaluation of BW942C, a novel antidiarrheal agent, against enterotoxins of Escherichia coli and Vibrio cholerae. Morgan DR, et al. **Infect Immun** 1985 Jun;48(3):754-8

Radioiodinated [D-Ala2, Met5] enkephalin. Preparation, purification by high performance liquid chromatography and binding characteristics. Yeung CW. **Int J Pept Protein Res** 1984 Dec;24(6):636-44

Proteolytic conversion of [Met]enkephalin-Arg6-Gly7-Leu8 by brain synaptic membranes. Characterization of formed peptides and mechanism of proteolysis. Norman JA, et al. **J Biol Chem** 1985 Mar 10;260(5):2653-6

Immunoreactive pro-enkephalin and prodynorphin products are differentially distributed within the nucleus of the solitary tract of the rat. Lee HS, et al. **J Comp Neurol** 1984 Dec 20;230(4):614-9

Bombesin/gastrin-releasing peptide (GRP)- and Met5-enkephalin-Arg6-Gly7-Leu8-like immunoreactivities in small intensely fluorescent (SIF) cells and nerve fibers of rat sympathetic ganglia. Helén P, et al. **J Histochem Cytochem** 1984 Nov;32(11):1131-8

Immunoreactive Met-enkephalin Arg6 in rat brain, and bovine brain, gut, and adrenal. Giraud AS, et al. **J Neurochem** 1984 Nov;43(5):1236-42

Multiple actions of a molluscan cardioexcitatory neuropeptide and related peptides on identified Helix neurones. Cottrell GA, et al. **J Physiol (Lond)** 1984 Nov;356:315-33

Cardiovascular activities of intravenous methionine-enkephalin-Arg6-Phe7 and methionine-enkephalin-Arg6-Gly7-Leu8 in the conscious dog. Sander GE, et al. **Life Sci** 1985 Jun 10;36(23):2201-7

Membrane-bound enzymes and their role in processing of the dynorphins and of the proenkephalin octapeptide Metenkephalin-Arg-Gly-Leu. Benuck M, et al. **Neurochem Res** 1984 Jun;9(6):733-49

Characterization of rat brain opioid receptors by [Tyr-3,5-3H]1, D-Ala2, Leu5-enkephalin binding. Benyhe S, et al. **Neurochem Res** 1985 May;10(5):627-35

Kappa 3: a novel subtype of the kappa opioid site in bovine adrenal medulla, highly selective for Met-enkephalin-Arg6-Phe7. Castanas E, et al. **Neuropeptides** 1984 Dec;5(1-3):133-6

Quantitation and localization of Met-enkephalin-Arg-Gly-Leu in rat brain using highly sensitive antibodies. Cupo A, et al. **Neuropeptides** 1984 Sep;4(5):389-401

Release of high molecular weight forms of met5-enkephalin-arg6-gly7-leu8 from rat brain. Lindberg I, et al. **Neuropeptides** 1985 Feb;5(4-6):541-4

Prodynorphin immunoreactivity is located in different neurons than proenkephalin immunoreactivity in the cerebral cortex of rats. McGinty JF. **Neuropeptides** 1985 Feb;5(4-6):465-8

Adrenorphin immunoreactivity in rat brain. Miyata A, et al. **Neuropeptides** 1985 Feb;5(4-6):517-20

Effects of morphine and (D-Ala, Met)-enkephalinamide on 45Ca-uptake to rat brain striatal slices. Saito K, et al. **Neuropeptides** 1984 Dec;5(1-3):57-60

The analgesic and respiratory depressant actions of metorphamide in mice and rabbits. Xu SF, et al. **Neuropeptides** 1985 Apr;6(2):121-31

Effect of (D-Met2, Pro5)enkephalinamide, a highly potent opiate agonist, on the drinking behaviour of rats. Decsi L, et al. **Neuropharmacology** 1985 Jan;24(1):5-8

The effects of opioid and FMRF-amide peptides on thermal behavior in the snail. Kavaliers M, et al. **Neuropharmacology** 1985 Jul;24(7):621-6

Cardiovascular response to injections of enkephalin in the pressor area of the ventrolateral medulla. Punnen S, et al. **Neuropharmacology** 1984 Aug;23(8):939-46

Different changes by acute electric footshock of opioid agonist and antagonist receptors in rat brain. Kameyama T, et al. **Neurosci Lett** 1984 Aug 31;49(3):307-12

Met-enkephalin-Arg6-Gly7-Leu8 in large-cored vesicles of splanchnic nerve terminals innervating guinea pig adrenal chromaffin cells. Kobayashi S, et al. **Neurosci Lett** 1985 Feb 4;53(3):247-52

The effects of vertebral artery injections of an enkephalin analogue, (D-Met2,Pro5)-enkephalinamide, on somatosympathetic reflexes. Sándor P, et al. **Neurosci Lett** 1985 Jan 7;53(1):87-93

Methionine-enkephalin-Arg6-Gly7-Leu8-immunoreactiv nerve fibers and cell bodies in lumbar paravertebral ganglia and the celiac-superior mesenteric ganglion complex of the rat: an immunohistochemical study. Shimosegawa T, et al. **Neurosci Lett** 1985 Jun 12;57(2):169-74

Localization of Met5-enkephalin-Arg6-Phe7-like immunoreactivity in the rat gastrointestinal tract. Wang YN, et al. **Neurosci Lett** 1984 Oct 26;51(3):319-24

The proenkephalin A fragment metorphamide shows supraspinal and spinal opioid activity in vivo. Dray A, et al. **Peptides (Fayetteville)** 1985 Mar-Apr;6(2):217-21

The Met-enkephalin analog D-Ala2-Met-enkephalinamide decreases the adrenocortical response to ACTH in dispersed rat adrenal cells. Guaza C, et al. **Peptides (Fayetteville)** 1984 Sep-Oct;5(5):895-7

Pro-enkephalin peptides possessing Met-enkephalin-Arg6-Gly7-Leu8-immunoreactivity in rat CSF, striatum and adrenal gland. Jackson S, et al. **Peptides (Fayetteville)** 1985 Mar-Apr;6(2):169-78

Autonomic effects of central injections of D-Ala2-Met-enkephalinamide (DAME) in the conscious monkey. Owen MD, et al. **Peptides (Fayetteville)** 1984 Jul-Aug;5(4):737-42

Interactions between enkephalin and dopamine in the control of locomotor activity in the rat: a new hypothesis. Agmo A, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):599-603

[D-Ala2]-methionine enkephalinamide reflexively induces antinociception by activating vagal afferents. Randich A, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):441-8

Metkephamid-induced Flehmen in lambs. Donchin Y, et al. **Physiol Behav** 1984 Aug;33(2):335-7

Antinociceptive and behavioral effects of leu-enkephalin (LENK) or D-Ala2-met-enkephalinamide (DAMEA) in rats after central chemical sympathectomy or serotoninectomy. Brus R, et al. **Pol J Pharmacol Pharm** 1985 Jan-Feb;37(1):23-31

Opiate-like peptides. Part V. Aminoalkylamides of Met-enkephalin and [D-Ala]2-Met-enkephalin: synthesis and analgesic activity. Rolka K, et al. **Pol J Pharmacol Pharm** 1984 Nov-Dec;36(6):603-10

Inhibition by antiserum to rat growth hormone-releasing factor of growth hormone secretion induced by a met5-enkephalin analog, FK33-824, in rats. Murakami Y, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):151-4

Characterisation of Met-enkephalin(Arg6,Phe7) immunoreactivity in human adrenal and human phaeochromocytoma. Boarder MR, et al. **Regul Pept** 1984 Oct;9(3):187-97

(D-Met2,Pro5) enkephalinamide causes a decrease in plasma prolactin levels of lactating rats continuously suckled and an increase in those deprived of their litter. Nagy G, et al. **Regul Pept** 1984 Jul;8(4):321-6

[Central inhibition of external pancreatic secretion by D-ala-2-metenkephalinamide in rats] Chicau-Chovet M, et al. **Gastroenterol Clin Biol** 1985 Mar;9(3):220-2 (Eng. Abstr.) (Fre)

[Effect of an enkephalin analog on the endocrine system in man] Földes J, et al. **Orv Hetil** 1985 May 12;126(19):1145-8 (Eng. Abstr.) (Hun)

[Met-enkephalin-Arg-Gly-Leu-like immunoreactivity-containing nerve fibers and cell bodies in the abdominal sympathetic ganglia of the rat--an immunohistochemical study] Shimosegawa T, et al. **Nippon Naibunpi Gakkai Zasshi** 1985 May 20;61(5):581-91 (Eng. Abstr.) (Jpn)

[Met-enkephalin-Arg-Gly-Leu-like immunoreactivity-containing nerve elements in the canine pancreas--an immunohistochemical study] Shimosegawa T, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Jun 20;60(6):779-87 (Eng. Abstr.) (Jpn)

ANALYSIS

Demonstration and characterization of immunoreactive methionine-enkephalin, leucine-enkephalin, methionine-enkephalin-Arg6-Gly7-Leu8 and methionine-enkephalin-Arg6-Phe7 in human phaeochromocytoma. Yoshimasa T, et al. **Acta Endocrinol (Copenh)** 1984 Oct;107(2):261-7

Enzyme-linked immunosorbent assay for Met-enkephalin using unconjugated enkephalin as a solid phase antigen. Takesue Y, et al. **Anal Biochem** 1985 Apr;146(1):35-9

Corticotropin-releasing factor: immunohistochemical colocalization with adrenocorticotropin and beta-endorphin, but not with Met-enkephalin, in subpopulations of duodenal perikarya of rat. Wolter HJ. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):402-10

Dopamine receptors regulate Met-enkephalin content in pituitary. George SR, et al. **Brain Res** 1985 May 13;334(1):187-9

Development of methionine-enkephalin in microdissected areas of the rabbit brain. Gingras-Leatherman JL, et al. **Brain Res** 1985 Jun 10;336(1):73-80

Localization of substance P-like, leucine-enkephalin-like, methionine-enkephalin-like, and FMRFamide-like immunoreactivity in the eyestalk of the fiddler crab, Uca pugilator. Fingerman M, et al. **Cell Tissue Res** 1985;241(3):473-7

Alterations of brainstem and peripheral met-enkephalin and substance P levels in spontaneously hypertensive rats. Nakamura K, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1833-6

Immunoreactivity for Met-enkephalin and substance P in cells of the adenohypophysis of larval and adult sea lampreys, Petromyzon marinus. Nozaki M, et al. **Gen Comp Endocrinol** 1985 Feb;57(2):172-83

A simultaneous demonstration of particular enteric neuronal cell types with the NADH:nitro BT-dehydrogenase reaction and of nerve fibres containing enkephalin-like immunoreactivity in the myenteric plexus of the porcine small intestine. Scheuermann DW, et al. **Histochemistry** 1985;82(3):269-73

Intragranular colocalization of immunoreactive methionine-enkephalin and oxytocin within the nerve terminals in the posterior pituitary. Adachi T, et al. **J Histochem Cytochem** 1985 Sep;33(9):891-9

Detection of methionine-enkephalin at the 10(-16) mole level. Cupo A, et al. **J Neuroimmunol** 1985 Apr;8(1):57-67

Immunocytochemical studies of substance P and Met-enkephalin in the basal ganglia and substantia nigra in Huntington's, Parkinson's and Alzheimer's diseases. Grafe MR, et al. **J Neuropathol Exp Neurol** 1985 Jan;44(1):47-59

A new immunological approach to the detection and the quantitation of the Met5-enkephalin precursors in rat brain. Cupo A, et al. **Neuropeptides** 1984 Sep;4(5):375-87

Localization and quantitation of proenkephalin-derived neuropeptides in the rat hippocampus. Hoffman DW, et al. **Neuropeptides** 1985 Feb;5(4-6):437-40

Biochemical and functional properties of large and small dense-core vesicles in sympathetic nerves of rat and ox vas deferens. Neuman B, et al. **Neuroscience** 1984 Nov;13(3):921-31

Immunohistochemical localization of Met-enkephalin, Met-enkephalin-Arg6-Gly7-Leu8, Met-enkephalin-Arg6-Phe7 and Leu-enkephalin in human adrenal medulla and pheochromocytomas. Osamura RY, et al. **Peptides (Fayetteville)** 1984 Sep-Oct;5(5):993-1000

Compartmental distribution of striatal cell bodies expressing [Met]enkephalin-like immunoreactivity. Graybiel AM, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7980-4

Methionine and leucine enkephalin in rat neurohypophysis: different responses to osmotic stimuli and T2 toxin. Zamir N, et al. **Science** 1985 May 3;228(4699):606-8

Cushing's syndrome and pheochromocytoma caused by an adrenal tumor, also containing met-enkephalin and somatostatin: a case report. Bruining HA, et al. **World J Surg** 1985 Aug;9(4):639-42

[Experimental research on the yin-yang theory in traditional Chinese medicine (III). The effect of monkshood, bark of the Chinese cassia tree and liu wei di huang fang on the enkephalin of brain tissue in renovascular hypertensive rats] Gu DG, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):105-7, 69 (Eng. Abstr.) (Chi)

ANTAGONISTS & INHIBITORS

Purification and identification of endogenous anti-opioid substances from bovine brain. Kaneko S, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):587-93

Reduction by phentolamine of the hypotensive effect of methionine enkephalin in anaesthetized rabbits. Eulie PJ, et al. **Br J Pharmacol** 1984 Nov;83(3):783-90

BIOSYNTHESIS

On the origin of Leu-enkephalin and Met-enkephalin in the rat neurohypophysis. Zamir N. **Endocrinology** 1985 Oct;117(4):1687-92

Influence of delta-opioid receptors on production of labeled methionine5-enkephalin in murine neuroblastoma cells. Gilbert JA, et al. **J Neurochem** 1985 Mar;44(3):922-8

Repeated electroconvulsive shocks alter the biosynthesis of enkephalin and concentration of dynorphin in the rat brain. Hong JS, et al. **Neuropeptides** 1985 Feb;5(4-6):557-60

BLOOD

Nitrous oxide inhalation does not influence plasma concentrations of beta-endorphin or Met-enkephalin-like immunoreactivity. Evans SF, et al. **Br J Anaesth** 1985 Jun;57(6):624-8

Plasma methionine enkephalin levels. A biological marker for migraine? Mosnaim AD, et al. **Headache** 1985 Jul;25(5):259-61

Changes in plasma opioid concentrations after physiotherapeutic exercises for arthritic patients. Jones CA, et al. **Neuropeptides** 1985 Feb;5(4-6):561-2

The effect of surgery on plasma beta-endorphin and methionine-enkephalin. Smith R, et al. **Neurosci Lett** 1985 Mar 22;55(1):17-21

Effect of histamine infusion on circulating methionine-enkephalin and catecholamine concentrations. Smith R, et al. **Neurosci Lett** 1985 Apr 19;55(3):289-92

Circulating endogenous opioids and ventilatory response to CO2 and hypoxia. Rochat T, et al. **Respir Physiol** 1985 Jul;61(1):85-93

CEREBROSPINAL FLUID

CSF Met-enkephalin levels in Parkinson's disease [letter] Sandyk R, et al. **Neurology** 1985 May;35(5):776-7

[Measurement of methionine-enkephalin-like immunoreactivity in the cerebrospinal fluid of various neurological patients] Suga H, et al. **Rinsho Shinkeigaku** 1984 Sep;24(9):867-71 (Eng. Abstr.) (Jpn)

CHEMICAL SYNTHESIS

Protected homocysteine peptides as precursors of labelled methionine peptides. Application in preparation of methionine-enkephalin. Någren K, et al. **Acta Chem Scand [B]** 1985;39(3):157-61

[Synthesis of leucine- and methionine-enkephalin using papain] Zapevalova NP, et al. **Bioorg Khim** 1985 Jun;11(6):733-7 (Eng. Abstr.) (Rus)

IMMUNOLOGY

Cross-reactivity of a monoclonal anti-[Met5]enkephalin antibody with cholecystokinin peptides. Deschodt-Lanckman M, et al. **Can J Biochem Cell Biol** 1984 Nov;62(11):1097-9

Immunohistochemical investigations of gut hormones in the colon of patients with Hirschsprung's disease. Tsuto T, et al. **J Pediatr Surg** 1985 Jun;20(3):266-70

ISOLATION & PURIFICATION

Methionine-enkephalin precursor in neuroblastoma x glioma hybrid cells: in vivo and in vitro evidence. Di Marzo V, et al. **Biochem Int** 1984 Sep;9(3):361-7

METABOLISM

(Met)enkephalin and carboxypeptidase processing enzyme are co-released from chromaffin cells by cholinergic stimulation. Hook VY, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):563–70

Evidence for the coexistence of glutamate decarboxylase and Met-enkephalin immunoreactivities in axon terminals of rat ventral pallidum. Zahm DS, et al. **Brain Res** 1985 Jan 28;325(1–2):317–21

Occurrence of met-enkephalin, met-enkephalin-Arg6-Phe7 and met-enkephalin-Arg6-Gly7-Leu8 in gastrin cells of hog antral mucosa. Jönsson AC. **Cell Tissue Res** 1985; 240(2):361–5

Experimental pain and neuropeptides. Takagi H. **Clin Ther** 1984;7 Spec No:35–47

Methionine-enkephalin and beta-endorphin levels in brain, pancreas, and adrenals of db/db mice. Greenberg J, et al. **Endocrinology** 1985 Jan;116(1):328–31

An immunocytochemical analysis of methionine enkephalin, substance P, and glutamic acid decarboxylase within neostriatal neurons. Bradley RH, et al. **J Am Osteopath Assoc** 1984 Sep;84(1 Suppl):98–110

Immunohistochemical demonstration of differential substance P-, met-enkephalin-, and glutamic-acid-decarboxylase-containing cell body and axon distributions in the corpus striatum of the cat. Beckstead RM, et al. **J Comp Neurol** 1985 Feb 22; 232(4):481–98

The ultrastructure and organization of methionine-enkephalin immunoreactive profiles in the interpeduncular nucleus of the cat. Kapadia SE, et al. **J Comp Neurol** 1984 Oct 10;229(1):48–65

Immunocytochemical localization of substance P, methionine-enkephalin and somatostatin in the cat intestinal wall. Lolova I, et al. **J Neural Transm** 1984; 60(2):71–88

Opioid pathways in an avian retina. I. The content, biosynthesis, and release of Met5-enkephalin. Su YY, et al. **J Neurosci** 1985 Apr;5(4):851–6

Pulmonary metabolism of exogenous enkephalins in isolated perfused rat lungs. Gillespie MN, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):675–81

Effects of clonidine, alpha-methyldopa and hydralazine on met-enkephalinergic neurons in cerebral nuclei of spontaneously hypertensive rats. Nakamura K, et al. **Jpn J Pharmacol** 1985 May;38(1):49–63

Dexamethasone increases both catecholamines and methionine-enkephalin in cultured bovine adrenal chromaffin cells and human extramedullary pheochromocytoma cells. Yanase T, et al. **Life Sci** 1984 Oct 29;35(18):1869–75

Fibronectin-regulated methionine enkephalin-like and somatostatin-like immunoreactivity in quail neural crest cell cultures. Sieber-Blum M. **Neuropeptides** 1984 Nov; 4(6):457–66

Mesencephalic pathway to the retina exhibits enkephalin-like immunoreactivity. Weiler R. **Neurosci Lett** 1985 Mar 22; 55(1):11–6

Neuropeptidergic inhibitory regulation of Met-enkephalin immunoreactive material release from rat spinal cord in vitro. Uzumaki U, et al. **Peptides (Fayetteville)** 1984 Sep–Oct;5(5):849–52

Effect of chronic administration of delta 9-tetrahydrocannabinol on the endogenous opioid peptide and catecholamine levels in the diencephalon and plasma of the rat. Kumar MS, et al. **Subst Alcohol Actions Misuse** 1984;5(4):201–10

PHARMACODYNAMICS

The stimulation of glycogenolysis in isolated hepatocytes by opioid peptides. Leach RP, et al. **Biochem J** 1985 Apr 1; 227(1):191–7

Effects of proopiomelanocortin-derived peptides, methionine-enkephalin and forskolin on the maturation of ovine fetal adrenal cells in culture. Durand P, et al. **Biol Reprod** 1984 Nov;31(4):694–704

Epileptiform effects of met-enkephalin, beta-endorphin and morphine: kindling of generalized seizures and potentiation of epileptiform effects by handling. Cain DP, et al. **Brain Res** 1985 Jul 15;338(2):327–36

Antinociceptive effects of intrathecal opioids, noradrenaline and serotonin in rats: mechanical and thermal algesic tests. Kuraishi Y, et al. **Brain Res** 1985 Feb 4;326(1):168–71

Effects of methionine-enkephalin and substance P on the chemosensory discharge of the cat carotid body. Monti-Bloch L, et al. **Brain Res** 1985 Jul 15;338(2):297–307

Effects of enkephalin and morphine on rat globus pallidus neurons. Frey JM, et al. **Brain Res Bull** 1985 Mar; 14(3):251–9

Potential role of met-enkephalin in short term regulation of blood pressure in anesthetized rabbits. Rhee HM, et al. **Clin Exp Hypertens** [A] 1984;6(10–11):2063–7

Regulation of neurohormone release in the fiddler crab, Uca pugilator: effects of gamma-aminobutyric acid, octopamine, Met-enkephalin, and beta-endorphin. Quackenbush LS, et al. **Comp Biochem Physiol [C]** 1984; 79(1):77–84

Cardiovascular effects of intraventricular injection of FMRFamide, Met-enkephalin and their common analogues in the rat. Wong TM, et al. **Comp Biochem Physiol [C]** 1985;81(1):175–9

Inhibition of neuroeffector transmission in the rabbit mesenteric artery by [Met5]enkephalin. Illes P, et al. **Eur J Pharmacol** 1985 Jan 8;107(3):397–8

Lack of interaction between methionine enkephalin and D-phenylalanine on nociceptive and non-nociceptive responses of dorsal horn neurones of the cat. Zhao ZQ, et al. **Eur J Pharmacol** 1984 Sep 17;104(3–4):205–10

Lack of response in the release of oxytocin and vasopressin from isolated neurohypophyses to dopamine, met-enkephalin and leu-enkephalin. Pitzel L, et al. **Exp Brain Res** 1984;56(2):221–6

Methionine enkephalin as a possible neuromodulator of regional cerebral blood flow. Blum K, et al. **Experientia** 1985 Jul 15;41(7):932–3

Intracranial self-administration of the endocoid methionine-enkephalin. Goeders NE, et al. **J Am Osteopath Assoc** 1984 Sep;84(1 Suppl):148–51

Modulation of cholinergic neurotransmission in airways by enkephalin. Russell JA, et al. **J Appl Physiol** 1985 Mar; 58(3):853–8

Suppression of T lymphocyte chemotactic factor production by the opioid peptides beta-endorphin and met-enkephalin. Brown SL, et al. **J Immunol** 1985 May;134(5):3384–90

Ventilatory response to intravenous methionine enkephalin in awake dogs. Evanich MJ, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):677–80

Suppression of renal nerve activity by methionine enkephalin in anesthetized rabbits. Rhee HM, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):534–7

Cyclooxygenase inhibitors affect Met-enkephalin- and acetylcholine-stimulated motility of the isolated rat colon. Scheurer U, et al. **J Pharmacol Exp Ther** 1985 Sep; 234(3):742–6

Inhibition of B16-BL6 melanoma growth in mice by methionine-enkephalin. Murgo AJ. **JNCI** 1985 Aug; 75(2):341–4

Methionine-enkephalin inhibits stress-induced increases in noradrenaline turnover in brain regions of rats. Tanaka M, et al. **Jpn J Pharmacol** 1985 Jan;37(1):117–9

Pharmacological evidence that central alpha 2-adrenoceptors are involved in cardiovascular responses to intravenously injected enkephalins in anesthetized dogs. Koyama S, et al. **Jpn J Physiol** 1984;34(6):995–1002

Effect of methionine-enkephalin plus ZnCl2 on active T cell rosettes. Murgo AJ, et al. **Neuropeptides** 1985 Feb; 5(4–6):367–70

Met-enkephalin and morphine but not dynorphin inhibit noxious stimuli-induced release of substance P from rabbit dorsal horn in situ. Hirota N, et al. **Neuropharmacology** 1985 Jun;24(6):567–70

Mechanism of methionine-enkephalin modulation of glutamatergic transmission in the rat striatum. Kuznetsov VI, et al. **Neurosci Lett** 1985 Jun 12;57(2):143–6

Astrocyte opioid receptors: activation modifies the noradrenaline-evoked increase in 2-[14C]deoxyglucose incorporation into glycogen. Pearce B, et al. **Neurosci Lett** 1985 Apr 9;55(2):157–60

Effects of MET-ENK, substance P and SRIF on the behavior of Hemichromis bimaculatus. Christ H. **Peptides (Fayetteville)** 1985 Jan–Feb;6(1):139–48

Cardiovascular interactions between methionine-enkephalin and substance P in the conscious dog. Sander GE, et al. **Peptides (Fayetteville)** 1985 Jan–Feb;6(1):133–7

The influence of the inter-dose time interval on the cardiovascular response to methionine-enkephalin in the conscious dog. Sander GE, et al. **Peptides (Fayetteville)** 1984 Jul–Aug;5(4):797–800

[Differences in the action of enkephalins, beta-endorphin, and morphine on spontaneous rhythmic movements of the isolated rabbit ileum] Beleslin DB, et al. **C R Soc Biol (Paris)** 1984;178(4):392–6 (Eng. Abstr.) **(Fre)**

[Natural peptides and their analogs. XXXI. Synthesis and properties of the retro-analog of methionine-5-enkephalin] Shvachkin IuP, et al. **Bioorg Khim** 1983 Nov;9(11):1492–6 (Eng. Abstr.) **(Rus)**

[Mechanism of the modulating effect of met-enkephalin on glutamatergic synaptic transmission] Kuznetsov VI, et al. **Dokl Akad Nauk SSSR** 1985;282(2):456–9 **(Rus)**

[Effect of dopamine and met-enkephalin on the background and evoked spike activity of rat neostriatal neurons] Godukhin OV. **Fiziol Zh SSSR** 1984 Nov;70(11):1551–8 (Eng. Abstr.) **(Rus)**

[Effect of enkephalins on the motor function of smooth-muscle cells of the stomach and mesenteric lymphatic vessels] Zverev MD, et al. **Fiziol Zh SSSR** 1985 Feb;71(2):255–8 **(Rus)**

[Effect of enkephalins on the plasticity of pond snail] Verbnyi IaI. **Zh Vyssh Nerv Deiat** 1985 Mar–Apr;35(2):306–13 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

The role of endogenous opioids in the chlorpropamide alcohol flush. Johnston C, et al. **Clin Endocrinol (Oxf)** 1984 Nov;21(5):489–97

Is Metenkephalin responsible for the baroreflex dysfunction of chronic uraemics? Zoccali C, et al. **Clin Exp Hypertens** [A] 1984;6(10–11):1977–80

Modulation of striatal enkephalinergic neurons by antipsychotic drugs. Hong JS, et al. **Fed Proc** 1985 Jun; 44(9):2535–9

Pain threshold changes in rats following central injection of beta-endorphin, met-enkephalin, vasopressin or oxytocin antisera. Bodnar RJ, et al. **Int J Neurosci** 1984 Oct;24(2):149–60

Localized effects of naloxone on local cerebral glucose utilization in rat cerebral nuclei with Met-enkephalinergic neurons. Hayashi T, et al. **Jpn J Pharmacol** 1984 Nov; 36(3):339–48

[Effect of met-enkephalin on pituitary hormone secretion] Baranowska B. **Pol Tyg Lek** 1984 Jul 16–23; 39(29–30):1017–9 (38 ref.) **(Pol)**

SECRETION

Chronic ethanol induces changes in opiate receptor function and in met-enkephalin release. Lucchi L, et al. **Alcohol** 1985 Mar–Apr;2(2):193–5

Spontaneous and evoked release of methionine-enkephalin-like material from the rat spinal cord in vivo. Cesselin F, et al. **Brain Res** 1985 Jul 29; 339(2):305–13

Release of catecholamines and [Met5]enkephalin immunoreactive material from perfused bovine adrenal glands. Barron BA, et al. **Eur J Pharmacol** 1984 Nov 27; 106(3):593–9

Release of synenkephalin from neuronal terminals in vitro. Rossier J, et al. **Neuropeptides** 1985 Feb;5(4–6):549–52

Synenkephalin is coreleased with Met-enkephalin from neuronal terminals in vitro. Liston D, et al. **Neurosci Lett** 1984 Jul 27;48(2):211–6

ENKEPHALIN RECEPTORS see **RECEPTORS, ENDORPHIN**

ENKEPHALINS

Conformation of cyclic analogs of enkephalin. III. Effect of varying ring size. Hall D, et al. **Biopolymers** 1985 Jun; 24(6):935–45

Conformation of cyclic analogs of enkephalin. II. Analogs containing a cystine bridge. Hall D, et al. **Biopolymers** 1984 Nov;23(11 Pt 1):2325–34

Enkephalins: immunomodulators. Plotnikoff NP, et al. **Fed Proc** 1985 Jan;44(1 Pt 1):118–22

ANALYSIS

Californium-252 plasma-desorption mass spectrometry of polymethylenediamine-linked enkephalin peptides. Fales HM, et al. **Anal Chem** 1985 Jul;57(8):1616–21

Enkephalin neurons in the guinea pig proximal colon: an immunocytochemical study using an antiserum to methionine-enkephalin-Arg6-Gly7-Leu8. Kobayashi S, et al. **Arch Histol Jpn** 1985 Feb;48(1):27–44

Myenteric enkephalin neurons around the laser-photocoagulation necrosis: an immunocytochemical investigation in the guinea pig jejunum and proximal colon. Kobayashi S, et al. **Arch Histol Jpn** 1985 Apr;48(2):239–54

Effects of chemical and surgical lesions on levels of chromatographically identified enkephalin-like peptides in rat hippocampus. Hoffman DW. **Brain Res** 1984 Sep 17; 310(1):7–12

Several distinct receptor binding enkephalins in olivocochlear fibers and terminals in the organ of Corti. Hoffman DW, et al. **Brain Res** 1984 Nov 19;322(1):59–65

Enkephalins in pheochromocytoma: studies in a rat model. Parmer RJ, et al. **Clin Exp Hypertens** [A] 1985;7(4):483–512

Enkephalins in the heart. Xiang JZ, et al. **Clin Exp Hypertens** [A] 1984;6(10–11):1883–8

Proenkephalin and prodynorphin related neuropeptides in the cochlea. Hoffman DW, et al. **Hear Res** 1985 Jan; 17(1):47–50

Localization of enkephalins in adrenaline cells and the nerves innervating adrenaline cells in rat adrenal medulla. Pelto-Huikko M, et al. **Histochemistry** 1985;82(4):377–83

Measurement of enkephalin peptides in canine brain regions, teeth, and cerebrospinal fluid with high-performance liquid chromatography and mass spectrometry. Desiderio DM, et al. **J Chromatogr** 1984 Aug 3;297:245–60

A comparison of the ultrastructure of substance P and enkephalin-immunoreactive elements in the nucleus of the dorsal lateral funiculus and laminae I and II of the rat spinal cord. Bresnahan JC, et al. **J Comp Neurol** 1984 Nov 10; 229(4):497–511

Identification of a proenkephalin precursor in striatal tissue. Beaumont A, et al. **J Neurochem** 1985 Mar;44(3):934–40

Immunological characterization of secretory proteins of chromaffin granules: chromogranins A, chromogranins B, and enkephalin-containing peptides. Fischer-Colbrie R, et al. **J Neurochem** 1985 Jun;44(6):1854–61

Extraction and partial characterization of enkephalin-like peptides from splanchnic nerve. Hexum TD, et al. **J Neurochem** 1984 Nov;43(5):1500–3

Presence and ontogeny of enkephalin and substance P in the chick ciliary ganglion. White JD, et al. **J Neurochem** 1985 Oct;45(4):1319–22

Isolation and characterization of an endogenous C-terminal fragment of the alpha-neo-endorphin/dynorphin precursor from bovine caudate nucleus. Evans CJ, et al. **J Neurosci** 1985 Jul;5(7):1803–7

Changes from enkephalin-like to gastrin/cholecystokinin-like immunoreactivity in snail neurons. Gesser BP, et al. **J Neurosci** 1985 Jun;5(6):1412–7

Solute conformation of enkephalin-like pentapeptides in deuterated dimethylsulphoxide. Casy AF. **J Pharm Pharmacol** 1985 Jun;37(6):421-2

Determination of proenkephalin products in brain tissue by high-performance liquid chromatography and a modified bioassay procedure. Bailey C, et al. **J Pharmacol Methods** 1985 Jun;13(3):235-9

Senescent change in tissue weight and immunoreactive beta-endorphin, enkephalin, and vasopressin in eight regions of C57BL/6J mouse brain and pituitary. Rogers J, et al. **Neurobiol Aging** 1985 Spring;6(1):1-9

Some enkephalin- or VIP-immunoreactive hippocampal pyramidal cells contain neurofibrillary tangles in the brains of aged humans and persons with Alzheimer's disease. Kulmala HK. **Neurochem Pathol** 1985 Spring;3(1):41-51

Influence of acute, subchronic and chronic treatment with neuroleptic (haloperidol) on enkephalins and their precursors in the striatum of rat brain. Blanc D, et al. **Neuropeptides** 1985 Feb;5(4-6):567-70

Enkephalin content in rat striatum during prolonged treatment with fluphenazine. Herman ZS, et al. **Neuropeptides** 1984 Nov;4(6):497-505

New methodology in the raising of antibodies to small peptides leading to a highly specific radioimmunoassay for enkephalins. Morley JS, et al. **Neuropeptides** 1984 Nov;4(6):477-82

Characterization of a new 23 kDalton enkephalin-containing protein in the bovine adrenal medulla. Patey G, et al. **Neuropeptides** 1985 Feb;5(4-6):513-6

Leumorphin in human brain. Suda M, et al. **Neuropeptides** 1985 Feb;5(4-6):461-4

Pro-enkephalin gene derived peptides in the porcine stomach: cellular distribution and molecular forms. Giraud A, et al. **Peptides (Fayetteville)** 1984 Jul-Aug;5(4):757-63

A group of neurons highly reactive for enkephalins in the rat hypothalamus. Krukoff TL, et al. **Peptides (Fayetteville)** 1984 Sep-Oct;5(5):931-6

Purification and sequence of a non-opioid peptide derived from ovine proenkephalin: implications for possible species specific processing. Micanovic R, et al. **Peptides (Fayetteville)** 1984 Sep-Oct;5(5):853-6

A general procedure for analysis of proenkephalin B derived opioid peptides. Christensson-Nylander I, et al. **Regul Pept** 1985 May;11(1):65-76

ANTAGONISTS & INHIBITORS

Identification of aminopeptidase M as an enkephalin-inactivating enzyme in rat cerebral membranes. Gros C, et al. **Biochemistry** 1985 Apr 23;24(9):2179-85

BIOSYNTHESIS

Immunohistochemical evidence for preproenkephalin A synthesis in human retinoblastoma. Tarkkanen A, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1210-2

Selective regulation of carboxypeptidase peptide hormone-processing enzyme during enkephalin biosynthesis in cultured bovine adrenomedullary chromaffin cells. Hook VY, et al. **J Biol Chem** 1985 May 25;260(10):5991-7

Regulation of opioid peptide synthesis and processing in adrenal chromaffin cells by catecholamines and cyclic adenosine 3':5'-monophosphate. Wilson SP, et al. **J Neurosci** 1984 Dec;4(12):2993-3001

Enkephalin biosynthesis in adrenal medulla. Modulation of proenkephalin mRNA content of cultured chromaffin cells by 8-bromo-adenosine 3',5'-monophosphate. Quach TT, et al. **Mol Pharmacol** 1984 Sep;26(2):255-60

Intact proenkephalin is the major enkephalin-containing peptide produced in rat adrenal glands after denervation. Fleminger G, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7985-8

Enkephalin convertase localization by [3H]guanidinoethylmercaptosuccinic acid autoradiography: selective association with enkephalin-containing neurons. Lynch DR, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6543-7

BLOOD

Enkephalin-degrading dipeptidyl carboxypeptidase in guinea pig serum: its properties and action on bioactive peptides. Kase R, et al. **Arch Biochem Biophys** 1985 Jul;240(1):330-6

Characterization of enkephalins and related peptides in rat hypophysial portal blood. Castanas E, et al. **Brain Res** 1984 Sep 17;310(1):1-6

Changes in plasma proenkephalin peptide F and catecholamine levels during graded exercise in men. Kraemer WJ, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):634[illegible]-51

CEREBROSPINAL FLUID

Identification of high molecular weight enkephalin percursor forms in human cerebrospinal fluid. Nyberg F, et al. **Neuropeptides** 1985 Feb;5(4-6):537-40

CHEMICAL SYNTHESIS

Opiate-like peptides. Part VI. Synthesis and analgesic activity of four enkephalin analogues with C-terminal methylthioamide groups. Rolka K, et al. **Acta Pharm Suec** 1984;21(3):173-82

Synthesis and biological activity of linear and cyclic enkephalins modified at the Gly3-Phe4 amide bond. Richman SJ, et al. **Int J Pept Protein Res** 1985 Jun;25(6):648-62

GENETICS

Regulation of expression of opioid peptide genes. Douglass JO, et al. **Ann Neurol** 1984;16 Suppl:S22-30

Quantitation of proenkephalin A messenger RNA in bovine brain, pituitary and adrenal medulla: correlation between mRNA and peptide levels. Pittius CW, et al. **EMBO J** 1985 May;4(5):1257-60

Isolation and characterization of the rat proenkephalin gene. Rosen H, et al. **J Biol Chem** 1984 Nov 25;259(22):14309-13

Rat brain preproenkephalin mRNA. cDNA cloning, primary structure, and distribution in the central nervous system. Yoshikawa K, et al. **J Biol Chem** 1984 Nov 25;259(22):14301-8

Use of mRNA hybridization and radioimmunoassay to study mechanisms of drug-induced accumulation of enkephalins in rat brain structures. Mocchetti I, et al. **Mol Pharmacol** 1985 Jul;28(1):86-91

Detection of the messenger RNAs coding for the opioid peptide precursors in pituitary and adrenal by 'in situ' hybridization: study in several mammal species. Bloch B, et al. **Neurosci Lett** 1985 Jan 21;53(2):141-8

Pro-enkephalin gene derived peptides in the porcine stomach: cellular distribution and molecular forms. Giraud A, et al. **Peptides (Fayetteville)** 1984 Jul-Aug;5(4):757-63

Sequence and expression of the rat prodynorphin gene. Civelli O, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4291-5

Molecular cloning and sequence determination of rat preproenkephalin cDNA: sensitive probe for studying transcriptional changes in rat tissues. Howells RD, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7651-5

Electroconvulsive shock increases preproenkephalin messenger RNA abundance in rat hypothalamus. Yoshikawa K, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):589-93

Detection of the messenger RNA coding for preproenkephalin A in bovine adrenal by in situ hybridization. Bloch B, et al. **Regul Pept** 1984 Jul;8(4):345-54

IMMUNOLOGY

Monoclonal antibody to enkephalins with binding characteristics similar to opiate receptor. Deguchi T, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):389-96

Opioid pathways in an avian retina. II. Synaptic organization of enkephalin-immunoreactive amacrine cells. Watt CB, et al. **J Neurosci** 1985 Apr;5(4):857-65

ISOLATION & PURIFICATION

Separation of enkephalins from their metabolites and precursor by a single pump gradient high-performance liquid chromatographic method. Hui KS, et al. **J Chromatogr** 1985 Jun 7;325(2):467-72

Separation of the enkephalins from proteins in an aqueous medium by chromatofocusing. Shamoon JM, et al. **J Chromatogr** 1984 Nov 30;314:499-505

Partial purification and characterisation of a 31 kDalton putative enkephalin precursor from guinea pig striatum. Metters KM, et al. **Neuropeptides** 1985 Feb;5(4-6):505-8

METABOLISM

Interaction of enkephalin with opioid receptors of brain membranes: regulation by essential transition metals, guanine nucleotides and temperature. Ogawa N, et al. **Adv Exp Med Biol** 1984;175:159-71

A highly sensitive fluorometric assay for 'enkephalinase,' a neutral metalloendopeptidase that releases tyrosine-glycine-glycine from enkephalins. Florentin D, et al. **Anal Biochem** 1984 Aug 15;141(1):62-9

Neuropeptide processing by single-step cleavage: conversion of leumorphin (dynorphin B-29) to dynorphin B. Devi L, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1168-76

Receptor binding and biological activity of bivalent enkephalins. Costa T, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):25-30

Separation of enkephalin-degrading enzymes from longitudinal muscle layer of bovine small intestine. Enzyme inhibition by arphamenine A. Hazato T, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3179-83

Hydrolysis of opioid hexapeptides by carboxypeptidase N. Presence of carboxypeptidase in cell membranes. Skidgel RA, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3471-8

Enkephalin metabolism and its inhibition. Gros C, et al. **Biochem Soc Trans** 1985 Feb;13(1):47-50

The use of [3H]-[D-Pen2,D-Pen5]enkephalin as a highly selective ligand for the delta-binding site. Cotton R, et al. **Br J Pharmacol** 1985 Apr;84(4):927-32

Enkephalin-like immunoreactivity in rat area postrema: ultrastructural localization and coexistence with serotonin. Armstrong DM, et al. **Brain Res** 1984 Sep 24;310(2):269-78

Evidence for synenkephalin-like immunoreactivity in pontobulbar monoaminergic neurons of the cat. Charnay Y, et al. **Brain Res** 1985 May 27;335(1):160-4

Spinal parasympathetic enkephalin fibers: patterns and projections. Romagnano MA, et al. **Brain Res** 1985 May 27;335(1):174-81

An enkephalinergic projection from the hypothalamic paraventricular nucleus to the hypothalamic ventromedial nucleus of the rat: an experimental immunohistochemical study. Yamano M, et al. **Brain Res** 1985 Apr 1;331(1):25-33

Distribution of substance P and enkephalin-like immunoreactivity in the substantia nigra of rat, cat and monkey. Inagaki S, et al. **Brain Res Bull** 1984 Aug;13(2):319-29

Light- and electron-microscopic demonstration of enkephalin-like immunoreactivity in paraganglia of the human urinary bladder. Vaalasti A, et al. **Cell Tissue Res** 1985;239(3):683-7

Angiotensin-converting enzyme, enkephalinase A and aminopeptidases in the breakdown of enkephalin—studies in cell cultures. Lentzen H, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1829-32

Soluble metalloendopeptidase from rat brain: action on enkephalin-containing peptides and other bioactive peptides. Chu TG, et al. **Endocrinology** 1985 Apr;116(4):1418-25

Chronic antidepressant treatment increases enkephalin levels in n. accumbens and striatum of the rat. De Felipe MC, et al. **Eur J Pharmacol** 1985 May 28;112(1):119-22

Analgesic effects of kelatorphan, a new highly potent inhibitor of multiple enkephalin degrading enzymes. Fournie-Zaluski MC, et al. **Eur J Pharmacol** 1984 Jul 20;102(3-4):525-8

Autoradiographic localization of delta opioid receptors in the rat brain using a highly selective bis-penicillamine cyclic enkephalin analog. Gulya K, et al. **Eur J Pharmacol** 1985 May 8;111(2):285-6

Changes in turnover of cerebral monoamines following inhibition of enkephalin metabolism by thiorphan and bestatin. Llorens-Cortes C, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):369-74

Increased affinity and selectivity of enkephalin tripeptide (Tyr-D-Ala-Gly) dimers. Lutz RA, et al. **Eur J Pharmacol** 1985 May 8;111(2):257-61

A reduction of the tone of 5-hydroxytryptamine neurons decreases utilization rates of striatal and hypothalamic enkephalins. Mocchetti I, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):427-30

Inhibitors of an enkephalin degrading membrane-bound metalloendopeptidase: analgesic properties and effects on striatal enkephalin levels. Murthy LR, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):305-13

Comparative binding properties of linear and cyclic delta-selective enkephalin analogues: [3H]-[D-Thr2, Leu5] enkephalyl-Thr6 and [3H]-[D-Pen2, D-Pen5] enkephalin. Delay-Goyet P, et al. **FEBS Lett** 1985 Apr 22;183(2):439-43

Enkephalin-like immunoreactivity in the guinea pig organ of Corti: ultrastructural and lesion studies. Altschuler RA, et al. **Hear Res** 1984 Oct;16(1):17-31

Immunohistochemical localization of unique enkephalin sequences contained in preproenkephalin A in the guinea pig cochlea. Lehtosalo JI, et al. **Hear Res** 1984 Oct;16(1):101-7

The ultrastructural localization of enkephalin and substance P immunoreactivities in the nucleus tractus solitarii of the cat. Maley BE. **J Comp Neurol** 1985 Mar 22;233(4):490-6

The distribution of substance P, enkephalin, and serotonin immunoreactivities in the area postrema of the rat and cat. Newton BW, et al. **J Comp Neurol** 1985 Apr 1;234(1):87-104

The distribution of enkephalinlike immunoreactivity in the telencephalon of the adult and developing domestic chicken. Reiner A, et al. **J Comp Neurol** 1984 Sep 10;228(2):245-62

Characterization of membrane-bound aminopeptidases from rat brain: identification of the enkephalin-degrading aminopeptidase. Hersh LB. **J Neurochem** 1985 May;44(5):1427-35

Characterization of the prodynorphin and proenkephalin neuropeptide systems in rat hippocampus. Chavkin C, et al. **J Neurosci** 1985 Mar;5(3):808-16

Nasal delivery of polypeptides I: nasal absorption of enkephalins in rats. Su KS, et al. **J Pharm Sci** 1985 Apr;74(4):394-8

Co-release of enkephalins and precursors with catecholamines from the perfused cat adrenal gland in situ. Chaminade M, et al. **J Physiol (Lond)** 1984 Aug;353:157-69

Radioligands for probing opioid receptors. Paterson SJ, et al. **J Recept Res** 1984;4(1-6):143-54

Peptidases that terminate the action of enkephalins. Consideration of physiological importance for amino-, carboxy-, endo-, and pseudoenkephalinase. Dua AK, et al. **Life Sci** 1985 Sep 16;37(11):985-92 (70 ref.)

Mu1: a very high affinity subtype of enkephalin binding sites in rat brain. Lutz RA, et al. **Life Sci** 1985 Jun 10;36(23):2233-8

Disappearance of enkephalins in the isolated perfused rat lung. Manwaring D, et al. **Life Sci** 1984 Oct 22;35(17):1787-94

Peripheral enkephalin hydrolysis in different animal species: a comparative study. Venturelli F, et al. **Neurochem Res** 1985 Mar;10(3):333-42

Ontogenetic development of the pro-enkephalin B (= pro-dynorphin) opioid peptide system in the rat pituitary. Seizinger BR, et al. **Neuroendocrinology** 1984 Nov;39(5):414-22

Substance P, enkephalins, somatostatin, cholecystokinin, oxytocin, and vasopressin in human spinal cord. Schoenen J, et al. **Neurology** 1985 Jun;35(6):881–90

Immunocytochemical localization of enkephalin-like immunoreactivity in neurons of human hippocampal formation: effects of ageing and Alzheimer's disease. Kulmala HK. **Neuropathol Appl Neurobiol** 1985 Mar–Apr; 11(2):105–15

Colocalization of immunoreactive proenkephalin and prodynorphin products in medullary neurons of the rat. Guthrie J, et al. **Neuropeptides** 1984 Nov;4(6):437–45

Prodynorphin immunoreactivity is located in different neurons than proenkephalin immunoreactivity in the cerebral cortex of rats. McGinty JF. **Neuropeptides** 1985 Feb;5(4–6):465–8

Proenkephalin– and prodynorphin– derived opioid peptides in guinea-pig heart. Weihe E, et al. **Neuropeptides** 1985 Feb;5(4–6):453–6

The comparative distribution of enkephalin, dynorphin and substance P in the human globus pallidus and basal forebrain. Haber SN, et al. **Neuroscience** 1985 Apr; 14(4):1011–24

Comparison of substance P and enkephalin distribution in rat brain: an overview using radioimmunocytochemistry. McLean S, et al. **Neuroscience** 1985 Mar;14(3):837–52

The concentration of enkephalin-like material in the chick retina is light dependent. Millar TJ, et al. **Neuroscience** 1984 Sep;13(1):221–6

Characterization of [3H][2-D-penicillamine, 5-D-penicillamine]-enkephalin binding to delta opiate receptors in the rat brain and neuroblastoma––glioma hybrid cell line (NG 108–15). Akiyama K, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2543–7

Denervation of rat adrenal glands markedly increases preproenkephalin mRNA. Kilpatrick DL, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7221–3

Differential processing of prodynorphin and proenkephalin in specific regions of the rat brain. Zamir N, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6886–9

Proenkephalin and enkephalin metabolism by rat brain cathepsin B: conversion, inactivation, and suppression by an endogenous inhibitor. Marks N, et al. **Prog Clin Biol Res** 1985;180:247–9

[Selectivity of [D-Ala2-O-benzyl-Ser5]-enkephalin on mu and delta opiate receptor subtypes] Ji XQ, et al. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar;6(1):3–5 (Eng. Abstr.) **(Chi)**

[The co-localization of monoamines and enkephalins in the central nervous system] Charnay Y, et al. **Ann Endocrinol (Paris)** 1984;45(3):201–6 (68 ref.) (Eng. Abstr.) **(Fre)**

[Effect of ethanol on the enkephalinergic opioid system of the rat brain] Beliaev NA, et al. **Biokhimiia** 1984 Sep; 49(9):1425–30 (Eng. Abstr.) **(Rus)**

[Effect of gamma irradiation on brain enkephalin hydrolase activity in the rat] Gengin MT, et al. **Radiobiologiia** 1985 May–Jun;25(3):394–7 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Effects of intracerebral morphine and enkephalins on the caudate-EEG spindle burst. Kamata K, et al. **Arch Int Pharmacodyn Ther** 1985 May;275(1):68–77

Effects of morphine, enkephalins and naloxone on postprandial gastric acid secretion, gastric emptying and gastrin release in dogs. Kostritsky-Pereira A, et al. **Arch Int Physiol Biochim** 1984 Apr;92(1):19–26

Selectivities of opioid peptide analogues as agonists and antagonists at the delta-receptor. Corbett AD, et al. **Br J Pharmacol** 1984 Sep;83(1):271–9

Central delta-opioid receptor interactions and the inhibition of reflex urinary bladder contractions in the rat. Dray A, et al. **Br J Pharmacol** 1985 Jul;85(3):717–26

No inotropic action of enkephalins or enkephalin derivatives on electrically-stimulated atria isolated from lean and obese rats. Saunders WS, et al. **Br J Pharmacol** 1985 Jun; 85(2):513–22

Studies on spinal opiate receptor pharmacology. III. Analgetic effects of enkephalin dimers as measured by cutaneous-thermal and visceral-chemical evoked responses. Schmauss C, et al. **Brain Res** 1985 Jul 1; 337(2):209–15

Stimulation by leumorphin of prolactin secretion from the pituitary in rats. Tojo K, et al. **Endocrinology** 1985 Sep; 117(3):1169–74

The proenkephalin A fragment, peptide E: central processing and CNS activity in vivo. Davis TP, et al. **Eur J Pharmacol** 1985 May 8;111(2):177–83

Effects of (D-Met2,Pro5)-enkephalinamide and naloxone on pial vessels in cats. Kobari M, et al. **J Cereb Blood Flow Metab** 1985 Mar;5(1):34–9

Effects of enkephalins, morphine, and naloxone on pial arteries during perivascular microapplication. Wahl M. **J Cereb Blood Flow Metab** 1985 Sep;5(3):451–7

Synthesis and biological evaluation of phosphonamidate peptide inhibitors of enkephalinase and angiotensin-converting enzyme. Elliott RL, et al. **J Med Chem** 1985 Sep;28(9):1208–16

Adrenergic mediation of the intestinal antisecretory action of opiates administered into the central nervous system. Brown DR, et al. **J Pharmacol Exp Ther** 1984 Oct; 231(1):114–9

Tolerance and cross-tolerance to the antisecretory effects of enkephalins on the guinea-pig ileal mucosa. Vinayek R, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):781–5

Activation of nucleus raphe magnus by acupuncture and enkephalinergic mechanism. Zhu LX, et al. **J Tradit Chin Med** 1984 Jun;4(2):111–8

The role of bestatin-sensitive aminopeptidase, angiotensin converting enzyme and thiorphan-sensitive 'enkephalinase' in the potency of enkephalins in the guinea-pig ileum. Aoki K, et al. **Jpn J Pharmacol** 1984 Sep;36(1):59–65

Analgesic effects of enkephalin analogs in rats. Katsuura G, et al. **Life Sci** 1984 Aug 20;35(8):815–8

Studies in vivo with ICI 174864 and [D-Pen2, D-Pen5]enkephalin. Cowan A, et al. **Neuropeptides** 1985 Feb;5(4–6):311–4

Studies in vitro with ICI 174,864, [D-Pen2, D-Pen5]-enkephalin (DPDPE) and [D-Ala2, NMePhe4, Gly-ol]-enkephalin (DAGO). Hirning LD, et al. **Neuropeptides** 1985 Feb;5(4–6):383–6

Activity profiles of novel side-chain to side-chain cyclized opioid peptide analogs. Schiller PW, et al. **Neuropeptides** 1984 Dec;5(1–3):165–8

Electroencephalographic assessment of the role of delta receptors in opioid peptide – induced seizures. Tortella FC, et al. **Neuropeptides** 1984 Dec;5(1–3):213–6

Inhibition of oxytocin secretion by mu and delta receptor selective enkephalin analogues. Wright DM, et al. **Neuropeptides** 1984 Dec;5(1–3):273–6

Effects of enkephalins and their analogs on gastric secretion. Barashkova GM, et al. **Neurosci Behav Physiol** 1984 Sep–Oct;14(5):421–6

Human leumorphin is a potent, kappa opioid receptor agonist. Suda M, et al. **Neurosci Lett** 1984 Sep 7;50(1–3):49–52

Interactions between enkephalin and dopamine in the control of locomotor activity in the rat: a new hypothesis. Agmo A, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):599–603

Enkephalins have a direct positive inotropic effect on cultured cardiac myocytes. Laurent S, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5930–4

Generalization tests with intraventricularly applied pro-enkephalin B-derived peptides in rats trained to discriminate the opioid kappa receptor agonist ethylketocyclazocine. Shearman GT, et al. **Psychopharmacology (Berlin)** 1985;85(4):440–3

[Levels of prolactin and growth hormone after administration enkephalin analogs in rats] Nedvídková J, et al. **Cesk Farm** 1984 Nov;33(9):364–6 (Eng. Abstr.) **(Cze)**

[Mechanisms of enkephalin action on learning and memory processes] Kruglikov RI, et al. **Biol Nauki** 1984;(12):45–9 (Eng. Abstr.) **(Rus)**

[Enkephalins and the function of the sympathetic-adrenal system in acute myocardial ischemia] Alekminskaia LA, et al. **Biull Eksp Biol Med** 1985 May;99(5):535–7 (Eng. Abstr.) **(Rus)**

[Effect of beta-endorphin, enkephalins and their synthetic analogs on the neuronal electrical activity of the respiratory center in the medulla oblongata] Iasnetsov VV, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):687–90 (Eng. Abstr.) **(Rus)**

[Enkephalins and hormonal-metabolic reactions in experimental stress of differing severity] Lishmanov IuB, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):269–71 (Eng. Abstr.) **(Rus)**

[Effect of the nitro analog of tetrapeptidamide and morphine on the cerebral blood supply] Mirzoian RS, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):308–10 (Eng. Abstr.) **(Rus)**

[Action of enkephalins on synaptic processes in the metasympathetic nervous system] Nozdrachev AD, et al. **Fiziol Zh SSSR** 1984 Dec;70(12):1629–35 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Role of opiate receptors in regulation of enkephalin stimulation of active sodium and chloride absorption. Binder HJ, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):G432–6

Opioid regulation of hypothalamic-pituitary-adrenal function in depression. Zis AP, et al. **Arch Gen Psychiatry** 1985 Apr;42(4):383–6

Failure of ES 52, a highly potent enkephalinase inhibitor, to affect nociceptive transmission by rat dorsal horn convergent neurones. Villanueva L, et al. **Brain Res** 1985 Apr 29;333(1):156–60

The changing nature of pain control. Clinical aspects of endorphins and enkephalins. Hirst M. **Can Dent Assoc J** 1985 Jul;51(7):493–8 (60 ref.)

Involvement of endogenous enkephalins in the feeding response to diazepam. Jackson HC, et al. **Eur J Pharmacol** 1985 Jan 8;107(3):389–91

Peptidergic control of food intake in food-producing animals. Baile CA, et al. **Fed Proc** 1984 Nov;43(14):2898–902 (37 ref.)

Enkephalins and endorphins as modifiers of the immune system: present and future. Wybran J. **Fed Proc** 1985 Jan; 44(1 Pt 1):92–4 (10 ref.)

Endogenous opiates. Reynolds D, et al. **Hosp Pract [Off]** 1984 Dec;19(12):34U–34V, 34X

Enkephalin/catecholamine interactions in cardiac, skeletal, and intestinal muscle. Caffrey JL. **J Am Osteopath Assoc** 1984 Sep;84(1 Suppl):135–42

Endogenous opioids: physiologic and pathophysiologic actions. Faden AI. **J Am Osteopath Assoc** 1984 Sep;84(1 Suppl):129–34

Ultrastructure and synaptic contacts of enkephalinergic amacrine cells in the retina of turtle (Pseudemys scripta). Eldred WD, et al. **J Comp Neurol** 1985 Feb 1;232(1):36–42

Interactions between enkephalin and GABA in avian retina. Watt CB, et al. **Nature** 1984 Oct 25–31;311(5988):761–3

Distribution of enkephalin immunoreactivity in germinative cells of developing rat cerebellum. Zagon IS, et al. **Science** 1985 Mar 1;227(4690):1049–51

[Enkephalin-noradrenaline interactions in synaptic transmission] Fan JZ, et al. **Sheng Li Ko Hsueh Chin Chan** 1985 Apr;16(2):158–60 **(Chi)**

[Enkephalinergic receptors at the level of the lower urinary tract] Cariou G, et al. **Ann Urol (Paris)** 1985;19(2):79–82 (16 ref.) (Eng. Abstr.) **(Fre)**

[The spinal enkephalinergic and serotoninergic systems in the control of transmission of nociceptive messages] Cesselin F, et al. **J Pharmacol** 1985;16 Suppl 1:119–37 (70 ref.) (Eng. Abstr.) **(Fre)**

[Endorphins and enkephalins] Gaillard RC. **Schweiz Rundsch Med Prax** 1984 Aug 28;73(35):1051–4 **(Fre)**

[Endorphins, enkephalins and their antagonists in clinical practice (review of the literature)] Oleinik VA, et al. **Vrach Delo** 1985 May;(5):80–6 (164 ref.) **(Rus)**

SECRETION

Nicotinic receptor stimulation activates enkephalin release and biosynthesis in adrenal chromaffin cells. Eiden LE, et al. **Nature** 1984 Dec 13–19;312(5995):661–3

Release of synenkephalin from neuronal terminals in vitro. Rossier J, et al. **Neuropeptides** 1985 Feb;5(4–6):549–52

Synenkephalin is coreleased with Met-enkephalin from neuronal terminals in vitro. Liston D, et al. **Neurosci Lett** 1984 Jul 27;48(2):211–6

THERAPEUTIC USE

[Protective action of endogenous opioid-like peptides of different origins in duodenal ulcer in rats] Vinogradov VA, et al. **Biull Eksp Biol Med** 1985 May;99(5):548–9 (Eng. Abstr.) **(Rus)**

[Effect of enkephalins on the activity of stress hormones in acute myocardial infarct] Lishmanov IuB, et al. **Patol Fiziol Eksp Ter** 1985 May–Jun;(3):22–4 (Eng. Abstr.) **(Rus)**

ENNIATINS see under **ANTIBIOTICS**

ENOLASE see **PHOSPHOPYRUVATE HYDRATASE**

ENOXOLONE see **GLYCYRRHETINIC ACID**

ENOYL COA HYDRATASES see under **HYDRO-LYASES**

ENOYL COA REDUCTASES see **FATTY ACID DESATURASES**

ENRICHED FOOD see **FOOD, FORTIFIED**

ENTAMOEBA

Entamoeba gingivalis in sputum smears. Dao AH. **Acta Cytol (Baltimore)** 1985 Jul–Aug;29(4):632–3

CYTOLOGY

[The size of Entamoeba histolytica, Entamoeba coli and Giardia lamblia cysts] Lian WN. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):275 **(Chi)**

DRUG EFFECTS

[Anti-amebic effect of polyenic antibiotics] Liubimova LK, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):179–82 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Characterization of a calcium-dependent ATPase in Entamoeba invadens. Zarain-Herzberg A, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):258–66

Entamoeba histolytica and E. invadens: sulfhydryl-dependent proteolytic activity. Avila EE, et al. **J Protozool** 1985 Feb;32(1):163–6

METABOLISM

Incorporation and toxicity of 32P-orthophosphate and occurrence of polyphosphate in Entamoeba trophozoites. López-Revilla R, et al. **J Protozool** 1985 May;32(2):353–5

PHYSIOLOGY

Induction of encystation of Entamoeba invadens by removal of glucose from the culture medium. Vázquezdelara-Cisneros LG, et al. **J Parasitol** 1984 Oct; 70(5):629–33

The biochemistry and functional morphology of the Entamoeba. McLaughlin J, et al. **J Protozool** 1985 May; 32(2):221–40 (259 ref.)

Changes in cell surface proteins and glycoproteins during the encystation of Entamoeba invadens. Chayen A, et al. **Mol Biochem Parasitol** 1985 Apr;15(1):83–93

ENTAMOEBA HISTOLYTICA

Interaction of human leukocytes and Entamoeba histolytica. Killing of virulent amebae by the activated macrophage. Salata RA, et al. **J Clin Invest** 1985 Aug;76(2):491–9

ANALYSIS

Isolation, purification, and partial characterization of an enterotoxin from extracts of Entamoeba histolytica trophozoites. Feingold C, et al. **Infect Immun** 1985 Apr;48(1):211–8

Isolation and characterization of RNA of Entamoeba histolytica. Albach RA, et al. **Mol Biochem Parasitol** 1984 Jul;12(3):261–72

Thiol groups on the surface of anaerobic parasitic protozoa. Gillin FD, et al. **Mol Biochem Parasitol** 1984 Sep;13(1):1–12

CLASSIFICATION

Seroepidemiological study of antibody responses to the zymodemes of Entamoeba histolytica. Jackson TF, et al. **Lancet** 1985 Mar 30;1(8431):716–9

CYTOLOGY

[The size of Entamoeba histolytica, Entamoeba coli and Giardia lamblia cysts] Lian WN. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):275 (Chi)

DRUG EFFECTS

Bruceantin, a potent amoebicide from a plant, Brucea antidysenterica. Gillin FD, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):342–5

Effects of cytochalasin B on Na+ content and cell volume of Entamoeba histolytica. Bakker-Grunwald T, et al. **Biochim Biophys Acta** 1985 May 14;815(2):170–4

Isolation and characterization of Entamoeba histolytica mutants resistant to emetine. Orozco E, et al. **Mol Biochem Parasitol** 1985 Apr;15(1):49–59

Amoebicidal activity of the antifungal antibiotic sinefungin against Entamoeba histolytica. Ferrante A, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):837–8

Tolerance of axenically cultured Entamoeba histolytica and Giardia lamblia to a variety of antimicrobial agents. Gault MJ, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):60–2

Caerulomycin, an antifungal antibiotic with marked in vitro and in vivo activity against Entamoeba histolytica. Chatterjee DK, et al. **Z Parasitenkd** 1984;70(5):569–73

ENZYMOLOGY

Entamoeba histolytica: purification of cathepsin B. Lushbaugh WB, et al. **Exp Parasitol** 1985 Jun;59(3):328–36

Electrophoretic isoenzymes of isolates of Entamoeba histolytica before & after revival of their virulence. Vinayak VK, et al. **Indian J Med Res** 1985 Apr;81:372–7

Phospholipase A enzymes of Entamoeba histolytica: description and subcellular localization. Long-Krug SA, et al. **J Infect Dis** 1985 Sep;152(3):536–41

Entamoeba histolytica and E. invadens: sulfhydryl-dependent proteolytic activity. Avila EE, et al. **J Protozool** 1985 Feb;32(1):163–6

Amoebic isoenzymes [letter] Sargeaunt PG, et al. **Lancet** 1985 May 4;1(8436):1050

Zymodemes expressing possible genetic exchange in Entamoeba histolytica. Sargeaunt PG. **Trans R Soc Trop Med Hyg** 1985;79(1):86–9

[Histochemical study of Entamoeba histolytica (Schaudinn, 1903) obtained from the intestines of various hosts and histochemical and histological analysis of the intestines of infected animals] Kuźna W. **Wiad Parazytol** 1984;30(4):409–22 (Eng. Abstr.) (Pol)

GENETICS

Cell-mediated resistance induced by axenic amoebal RNA--protein fraction. Sharma GL, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(4):471–8

GROWTH & DEVELOPMENT

Attempts to infect germfree nu/nu mice with Entamoeba histolytica. Burchard GD, et al. **Prog Clin Biol Res** 1985;181:231–4

[Use of modified Asami medium as a monoxenic culture medium for Entamoeba histolytica] Saathoff M. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Feb;259(1):142–5 (Eng. Abstr.) (Ger)

IMMUNOLOGY

Immunochemical characterization of Entamoeba histolytica plasma membrane's own and culture medium antigens. Rivera P, et al. **Arch Invest Med (Mex)** 1984 Oct–Dec;15(4):405–15 (Eng. Spa)

Interactions between trophozoites of Entamoeba histolytica and cells of the immune system. Chugh S, et al. **Aust J Exp Biol Med Sci** 1985 Feb;63 (Pt 1):1–8

A comparison of IHA and ELISA tests in the detection of antibodies to entamoeba histolytica. Filice G, et al. **Boll Ist Sieroter Milan** 1984;63(6):510–2

Human amoebiasis: the interaction of lymphocyte surface-bound immune complexes and PMNs impairs T cell proliferative responses to E. histolytica mitogen. De Simone C, et al. **Immunol Invest** 1985 Apr;14(2):131–44

Differential lectin agglutinability of virulent and avirulent Entamoeba histolytica strains. Prasad AK, et al. **Indian J Exp Biol** 1985 Jan;23(1):35–7

In vitro and in vivo interaction between trophozoites of Entamoeba histolytica and gerbil lymphoid cells. Chadee K, et al. **Infect Immun** 1985 Sep;49(3):828–32

Vaccination of rabbits against Entamoeba histolytica with aqueous suspensions of trehalose-dimycolate as the adjuvant. Sharma A, et al. **Infect Immun** 1985 Jun;48(3):634–7

Immunization of guinea pigs against Entamoeba histolytica using glucan as an adjuvant. Sharma A, et al. **Int J Immunopharmacol** 1984;6(5):483–91

N-Acetyl-D-galactosamine-inhibitable adherence lectin of Entamoeba histolytica. II. Mitogenic activity for human lymphocytes. Salata RA, et al. **J Infect Dis** 1985 May;151(5):816–22

Complement activation by antigenic fractions of Entamoeba histolytica. Meri S, et al. **Parasite Immunol** 1985 Mar;7(2):153–64

Use of the enzyme-linked immunosorbent assay (ELISA) for detection of Entamoeba histolytica antigen in faecal samples. Randall GR, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):593–5

A seroepidemiological survey of amoebiasis in Lucknow. Khan AH, et al. **Trop Gastroenterol** 1985 Jan–Mar;6(1):30–6

Entamoeba histolytica: antibody responses and lymphoreticular changes in gerbils (Meriones unguiculatus) in response to experimental liver abscess and amebic extract infection. Chadee K, et al. **Z Parasitenkd** 1984;70(6):781–95

ISOLATION & PURIFICATION

Entamoeba histolytica trophozoites in the lumen and mucus blanket of rat colons studied in vivo. Leitch GJ, et al. **Infect Immun** 1985 Jan;47(1):68–73

Frequency distribution of Entamoeba histolytica zymodemes in a rural South African population. Gathiram V, et al. **Lancet** 1985 Mar 30;1(8431):719–21

[Tropical mimics; study of the feces is a must] Kager PA, et al. **Ned Tijdschr Geneeskd** 1985 Feb 2;129(5):193–6 (Dut)

METABOLISM

Metabolism of Entamoeba histolytica Schaudinn, 1903. Reeves RE. **Adv Parasitol** 1984;23:105–42 (106 ref.)

Incorporation and toxicity of 32P-orthophosphate and occurrence of polyphosphate in Entamoeba trophozoites. López-Revilla R, et al. **J Protozool** 1985 May;32(2):353–5

Subcellular fractionation of amoebapore and plasma membrane components of Entamoeba histolytica using self-generating Percoll gradients. Rosenberg I, et al. **Mol Biochem Parasitol** 1985 Feb;14(2):231–48

PATHOGENICITY

Entamoeba histolytica: electrophoretic isoenzyme patterns of strains and their virulence in the cecum of gerbils (Meriones unguiculatus). Chadee K, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):870–8

Secretory hormones of Entamoeba histolytica. McGowan K, et al. **Ciba Found Symp** 1985;112:139–54

Effect of lowering the peripheral level of 5-hydroxytryptamine in host on the virulence of Entamoeba histolytica. Ahmad I, et al. **Indian J Med Res** 1984 Jun;79:741–3

N-Acetyl-D-galactosamine-inhibitable adherence lectin of Entamoeba histolytica. I. Partial purification and relation to amoebic virulence in vitro. Ravdin JI, et al. **J Infect Dis** 1985 May;151(5):804–15

Effect of antagonists of calcium and phospholipase A on the cytopathogenicity of Entamoeba histolytica. Ravdin JI, et al. **J Infect Dis** 1985 Sep;152(3):542–9

Structural bases of the cytolytic mechanisms of Entamoeba histolytica. Martínez-Palomo A, et al. **J Protozool** 1985 Feb;32(1):166–75

Entamoeba histolytica: collagenolytic activity and virulence. Muñoz ML, et al. **J Protozool** 1984 Aug;31(3):468–70

Virulence of Entamoeba histolytica strains of human origin in Bombay to golden hamster. Guirges SY. **Jpn J Med Sci Biol** 1984 Jun;37(3):125–30

Is that amoeba harmful or not? [editorial] **Lancet** 1985 Mar 30;1(8431):732–4

Viruses and the pathogenicity of Entamoeba histolytica [letter] Sargeaunt PG. **Lancet** 1984 Oct 6;2(8406):818

Cytopathogenicity of Entamoeba histolytica. Gitler C, et al. **Philos Trans R Soc Lond [Biol]** 1984 Nov 13;307(1131):73–85 (59 ref.)

Effect of lanosterol on the susceptibility of Mastomys natalensis to Entamoeba histolytica infection [letter] Srivastava R, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):422

PHYSIOLOGY

Entamoeba histolytica: impedance measurements and cytotoxicity in the presence of bepridil, verapamil, and cytochalasin D. Ravdin JI, et al. **Exp Parasitol** 1985 Aug;60(1):63–72

Adherence of Entamoeba histolytica trophozoites to rat and human colonic mucosa. Ravdin JI, et al. **Infect Immun** 1985 May;48(2):292–7

Rapid polymerization of Entamoeba histolytica actin induced by interaction with target cells. Bailey GB, et al. **J Exp Med** 1985 Aug 1;162(2):546–58

Chemotaxis by Entamoeba histolytica. Bailey GB, et al. **J Protozool** 1985 May;32(2):341–6

[Endocytosis of liposomes by Entamoeba histolytica and transport of encapsulated molecules toward the cytoplasm] Trudel P, et al. **Eur J Cell Biol** 1985 Jul;38(1):27–33 (Eng. Abstr.) (Fre)

ULTRASTRUCTURE

[Ultrastructural study of acid phosphatase localization in Entamoeba histolytica trophozoites and the accompanying bacteria of the intestinal flora] Chernov IuV, et al. **Med Parazitol (Mosk)** 1984 Nov–Dec;(6):3–6 (Eng. Abstr.) (Rus)

[Interrelations of dysentery amebae and bacteria. The possible incorporation of the bacterial membranes into the membranes of the amebic trophozoite] Chernov IuV, et al. **Med Parazitol (Mosk)** 1984 Jul–Aug;(4):71–4 (Eng. Abstr.) (Rus)

[Morphology of the intranuclear inclusions in Entamoeba histolytica trophozoites] Chernov IuV, et al. **Parazitologiia** 1984 Sep–Oct;18(5):357–61 (Eng. Abstr.) (Rus)

ENTAMOEBIASIS see under AMEBIASIS

ENTAMOEBIASIS, HEPATIC see LIVER ABSCESS, AMEBIC

ENTAMOEBIASIS, INTESTINAL see DYSENTERY, AMEBIC

ENTERAL FEEDING

see related
FOOD, FORMULATED

A comparative study of the efficiency of intragastric and parenteral nutrition in man. Bennegård K, et al. **Am J Clin Nutr** 1984 Oct;40(4):752–7

Failure of delayed oral feedings to prevent necrotizing enterocolitis. Results of study in very-low-birth-weight neonates. LaGamma EF, et al. **Am J Dis Child** 1985 Apr;139(4):385–9

Thermic effect of food after ingested versus tube-delivered meals. Hill JO, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E370–4

Effects of intragastric hyperalimentation on pair-fed rats with ventromedial hypothalamic lesions. Walgren MC, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R172–80

Tube feeding as a psychiatric procedure [letter] Hughes JR, et al. **Am J Psychiatry** 1985 Sep;142(9):1127–8

Limited efficacy of early postoperative jejunal feeding. Hayashi JT, et al. **Am J Surg** 1985 Jul;150(1):52–7

Postoperative enteral versus parenteral nutritional support in gastrointestinal surgery. A matched prospective study. Muggia-Sullam M, et al. **Am J Surg** 1985 Jan;149(1):106–12

Enteral nutrition: a 'natural' for pharmacy. Murphy DH. **Am Pharm** 1984 Sep;NS24(9):34–41

Early enteral feeding of patients with major burns: prevention of catabolism. McArdle AH, et al. **Ann Plast Surg** 1984 Nov;13(5):396–401

Parenteral nutrition compared with transpyloric feeding [letter] Clarke A, et al. **Arch Dis Child** 1984 Nov;59(11):1106–7

Insulin pump therapy improves blood glucose control during hyperalimentation. Bergman M, et al. **Arch Intern Med** 1984 Oct;144(10):2013–5

Feeding gastrostomy for the severely burned patient. Kahn AM, et al. **Arch Surg** 1984 Nov;119(11):1316–7

Nutritional support in pediatrics. Widhalm K. **Bibl Nutr Dieta** 1985;(35):53–62 (33 ref.)

Nutrient requirements in various clinical conditions. Wretlind A. **Bibl Nutr Dieta** 1985;(35):31–43 (19 ref.)

Fine bore enteral feeding and pulmonary aspiration [letter] Meehan S, et al. **Br Med J [Clin Res]** 1985 Jan 5;290(6461):73

Vascular compression of the duodenum—operative and non-operative treatment. Corfield AP, et al. **Bristol Med Chir J** 1984 Oct;99(372):111–2

Metabolic consequences of nutritional support of the cancer patient. Brennan MF, et al. **Cancer** 1984 Dec 1;54(11 Suppl):2627–34

Nutritional support. Whether or not some is good, more is not better [editorial] Koretz RL. **Chest** 1985 Jul;88(1):2–3

Constant rate enteral nutrition in bucco-pharyngeal cancer care. A highly efficient nutritional support system. Pichard C, et al. **Clin Otolaryngol** 1984 Aug;9(4):209–14

Reinstituting oral feedings in children fed by gastrostomy tube. Blackman JA, et al. **Clin Pediatr (Phila)** 1985 Aug 24(8):434–8

Selected topics in therapeutic nutrition. Kelts D, et al. **Curr Probl Pediatr** 1983 Mar;13(5):1–62 (192 ref.)

Reduction of postburn hypermetabolism by early enteral feeding. Mochizuki H, et al. **Curr Surg** 1985 Mar–Apr;42(2):121–5

Issues facing nutrition support teams. Finn SC, et al. **Drug Intell Clin Pharm** 1984 Oct;18(10):826–8

Endoscopic gastrojejunostomy: a technique to establish small bowel feeding without laparotomy. Gottfried EB, et al. **Gastrointest Endosc** 1984 Dec;30(6):355–7

The terminally ill elderly: dealing with the ethics of feeding. Miles SH. **Geriatrics** 1985 May;40(5):112, 115, 118–20

Outpatient use of the feeding jejunostomy catheter. Soriero OM, et al. **Gynecol Oncol** 1984 Oct;19(2):163–7

Setting boundaries for artificial feeding. Green W. **Hastings Cent Rep** 1984 Dec;14(6):8–10

On removing food and water: against the stream. Meilaender G. **Hastings Cent Rep** 1984 Dec;14(6):11–3

Enteral hyperalimentation in malnourished surgical patients. Shukla HS, et al. **Indian J Med Res** 1984 Sep;80:339–46

Nutritional support as an adjunct therapy of advanced cancer patients. Tandon SP, et al. **Indian J Med Res** 1984 Aug; 80:180–8

Combined enteral-parenteral nutrition versus total parenteral nutrition in brain-injured patients. A comparative study. Hausmann D, et al. **Intensive Care Med** 1985;11(2):80–4

Nasoenteral feeding tube insertion via fiberoptic endoscope for enteral hyperalimentation. Mann NS, et al. **J Am Coll Nutr** 1984;3(4):333–9

Elevation of postoperative plasma amino acid concentrations by immediate full enteral nutrition. Moss G. **J Am Coll Nutr** 1984;3(4):325–32

Nutrition support for cancer patients [letter] Arnold C. **J Am Diet Assoc** 1985 Jun;85(6):734

Enteral nutrition: beliefs and practices of physicians and dietitians in one hospital. Feitelson M. **J Am Diet Assoc** 1985 Jun;85(6):711–3

Enteral nutrition support in head and neck cancer: tube vs. oral feeding during radiation therapy. Hearne BE, et al. **J Am Diet Assoc** 1985 Jun;85(6):669–74, 677

Enhancing enteral nutrition delivery: development of an enteral preparation facility. Krey SH, et al. **J Am Diet Assoc** 1985 Jun;85(6):693–7

Dilution factors for commercial enteral formulas. Posner GF, et al. **J Am Diet Assoc** 1984 Oct;84(10):1219–20

Growth of bacteria in enteral feeding solutions. Anderton A. **J Med Microbiol** 1985 Aug;20(1):63–8

Enteral hyperalimentation in head injury. Clifton GL, et al. **J Neurosurg** 1985 Feb;62(2):186–93

Effect of enteral tube feeding on serum phenytoin levels. Ozuna J, et al. **J Neurosurg Nurs** 1984 Dec;16(6):289–91

Myopathy and growth failure in debrancher enzyme deficiency: improvement with high-protein nocturnal enteral therapy. Slonim AE, et al. **J Pediatr** 1984 Dec; 105(6):906–11

Dietary supplements in cystic fibrosis [letter] Warwick WJ. **J Pediatr** 1984 Dec;105(6):1007–8

Effect of nutritional method on adaptation of the intestinal remnant after massive bowel resection. Al-Jurf AS, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):245–52

Distal ileostomy drip feedings in neonates with short bowel syndrome. Puppala BL, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):489–94

The gastrostomy 'button'—a simple, skin-level, nonrefluxing device for long-term enteral feedings. Gauderer MW, et al. **J Pediatr Surg** 1984 Dec;19(6):803–5

Janeway gastrostomy in children with cerebral palsy. McGovern B. **J Pediatr Surg** 1984 Dec;19(6):800–2

9th Clinical congress proceedings: American Society for Parenteral and Enteral Nutrition, Inc. January 21–24, 1984, Aspen. Abstracts. **JPEN** 1985 Jan–Feb;9(1):106–31

Energy and mineral utilization from a peptide-based elemental diet and a polymeric enteral diet given to ileostomists in the early postoperative course. Andersson H, et al. **JPEN** 1984 Sep–Oct;8(5):497–500

Guidelines for evaluating and categorizing enteral feeding formulas according to therapeutic equivalence. Heimburger DC, et al. **JPEN** 1985 Jan–Feb;9(1):61–7

Gastric relaxation prior to enteral feeding. Heitkemper M, et al. **JPEN** 1984 Nov–Dec;8(6):682–4

Selenium depletion in burn patients. Hunt DR, et al. **JPEN** 1984 Nov–Dec;8(6):695–9

Optimal lipid content for enteral diets following thermal injury. Mochizuki H, et al. **JPEN** 1984 Nov–Dec; 8(6):638–46

Specialized nutrition support: patterns of care. Seltzer MH, et al. **JPEN** 1984 Sep–Oct;8(5):506–10

Effect of high percentage medium-chain triglyceride diet on mucosal adaptation following massive bowel resection in rats. Vanderhoof JA, et al. **JPEN** 1984 Nov–Dec;8(6):685–9

When does metoclopramide facilitate transpyloric intubation? Whatley K, et al. **JPEN** 1984 Nov–Dec;8(6):679–81

Enteral feeding in burn hypermetabolism: nutritional and metabolic effects of different levels of calorie and protein intake. Dominioni L, et al. **JPEN J Parenter Enteral Nutr** 1985 May–Jun;9(3):269–79

Bacterial contamination of enteral solutions [letter] Fagerman KE, et al. **JPEN J Parenter Enteral Nutr** 1985 May–Jun; 9(3):378

An early experience with endoscopic gastrostomy. Petrozza JA, et al. **Md State Med J** 1984 Dec;33(12):991–2

Defining appropriate medical care: providing nutrients and hydration for the dying. Curran WJ. **N Engl J Med** 1985 Oct 10;313(15):940–2

Parenteral feeding no better than transpyloric feeding in the preterm. **Nutr Rev** 1984 Aug;42(8):276–8

Postnatal growth curve of the infant with extremely low birth weight who was fed enterally. Brosius KK, et al. **Pediatrics** 1984 Nov;74(5):778–82

Effectiveness of cyclic intragastric feeding as a circadian zeitgeber in the squirrel monkey. Apelgren KN, et al. **Physiol Behav** 1985 Mar;34(3):335–40

Response of monkeys to intragastric preloads: limitations on caloric compensation. Foltin RW, et al. **Physiol Behav** 1984 Nov;33(5):791–8

Behavioral and physiological consequences of intragastric oil feeding in rats. Ramirez I. **Physiol Behav** 1984 Sep; 33(3):421–6

Enteral nutrition. Silk DB. **Postgrad Med J** 1984 Nov; 60(709):779–90 (36 ref.)

Specialized nutritional support of patients—a hospital's legal duty? Spencer RA, et al. **QRB** 1985 May;11(5):160–4

Percutaneous gastrostomy for enteral feeding. Ho CS, et al. **Radiology** 1985 Aug;156(2):349–51

Nutritional assessment and therapy in advanced urothelial cancer. Flanigan RC, et al. **Urol Clin North Am** 1984 Nov; 11(4):671–9

Nutritional support of the cancer patient. Apelgren KN. **W Va Med J** 1985 Apr;81(4):73–5

Enteral and parenteral nutrition in the short bowel syndrome in children. Ricour C, et al. **World J Surg** 1985 Apr; 9(2):310–5

Chromium and selenium levels in commercially available enteral nutrition. Van Schoor OE, et al. **Z Lebensm Unters Forsch** 1985 Jan;180(1):26–9

[Role of artificial nutrition (total parenteral nutrition/total enteral nutrition) support in the treatment of inflammatory bowel diseases] Jiang ZM, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Apr;23(4):193–5, 252 (Eng. Abstr.) **(Chi)**

[Enteral nutrition in gastrointestinal fistulas. Review of the literature] De Groof E, et al. **Acta Chir Belg** 1985 May–Jun; 85(3):163–8 (Eng. Abstr.) **(Dut)**

[Effect of exclusive enteral feeding with Enteronutril on serum lipids] Chardon P, et al. **Ann Fr Anesth Reanim** 1985; 4(4):333–8 (Eng. Abstr.) **(Fre)**

[Continuous-flow enteral nutrition of children: technic, practical application and indications] Duhamel JF, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Dec;20(6):381–6 **(Fre)**

[Evaluation of the lean body and/or muscle mass in children receiving artificial nutrition. Comparative value of anthropometric data and the urinary excretion of creatinine and 3-methylhistidine] Ghisolfi J, et al. **Arch Fr Pediatr** 1984 Jun–Jul;41(6):385–9 (Eng. Abstr.) **(Fre)**

[Extensive resection of the small intestine in children] Ricour C, et al. **Arch Fr Pediatr** 1985 Apr;42(4):285–90 (Eng. Abstr.) **(Fre)**

[Massive intestinal resection and intestinal and digestive rehabilitation] Guy JP, et al. **Cah Anesthesiol** 1985 Jan–Feb; 33(1):71–2 **(Fre)**

[Bacteriological safety of enteral nutrition with continuous delivery] Bengoa JM, et al. **Schweiz Med Wochenschr** 1985 Jun 29;115(26):903–6 (Eng. Abstr.) **(Fre)**

[Constant-rate enteral feeding in buccopharyngeal cancer] Pichard C, et al. **Schweiz Rundsch Med Prax** 1985 Mar 26;74(13):329–32 (Eng. Abstr.) **(Fre)**

[Ambulatory tube feeding. An alternative to parenteral feeding] Kolb S. **Fortschr Med** 1984 Nov 8;102(41):1048–50 (Eng. Abstr.) **(Ger)**

[Problems in the tube feeding of neurosurgical intensive care patients. Incidence and course in different diets] Dauch WA. **Infusionsther Klin Ernahr** 1985 Apr;12(2):77–84 (Eng. Abstr.) **(Ger)**

[Experiences with an industrially prepared, fully balanced domestic tube-diet (Nutrodrip) in comparison with usual clinical kitchen tube feeding in postoperative nutrition of jaw surgery patients] Stoll P, et al. **Infusionsther Klin Ernahr** 1985 Apr;12(2):92–6 (Eng. Abstr.) **(Ger)**

[Small intestinal absorption in cancer patients—basis for enteral feeding therapy in oncology] Weiner R, et al. **Z Ernahrungswiss** 1984 Sep;23(3):157–70 (Eng. Abstr.) **(Ger)**

[Parenteral and enteral nutrition in esophageal stenosis. Initial clinico-experimental results] Modena S, et al. **Chir Ital** 1983 Apr;35(2):221–7 (Eng. Abstr.) **(Ita)**

[Enteral and parenteral feeding in surgery] Pietri P. **Minerva Chir** 1985 Apr 15;40(7):389–90 **(Ita)**

[Artificial feeding, how and when] Salerni F, et al. **Minerva Chir** 1985 Apr 15;40(7):413–6 **(Ita)**

[Enteral nutrition in abdominal surgery] Veroux G, et al. **Minerva Chir** 1985 Apr 15;40(7):397–412 **(Ita)**

[Use of a semisynthetic enteral diet in preparation for surgery of the large intestine] Dionigi R, et al. **Minerva Dietol Gastroenterol** 1984 Jul–Sep;30(3):233–8 (Eng. Abstr.) **(Ita)**

[Artificial feeding in surgery. Our experience] Doldi SB, et al. **Minerva Dietol Gastroenterol** 1984 Jul–Sep;30(3):209–20 (Eng. Abstr.) **(Ita)**

[Enteral feeding in the treatment of severe anorexia nervosa] Consiglio GA, et al. **Minerva Med** 1985 Jun 16; 76(25):1215–9 (Eng. Abstr.) **(Ita)**

[Enteral nutritional support in the treatment of the high-risk surgical patient] Ferri O, et al. **Minerva Med** 1984 Sep 15; 75(35):1989–92 (Eng. Abstr.) **(Ita)**

[Nutritional support in the critical surgical patient. Current orientation] Lombardi M, et al. **Minerva Med** 1984 Sep 15;75(35):1997–8 **(Ita)**

[Experimental and clinical evaluation of small peptides as a nitrogen source in enteral nutrition (II). Clinical application of T-330 and a comparative study with Elental] Kobayashi N, et al. **Nippon Geka Hokan** 1984 Jan 1; 53(1):133–44 (Eng. Abstr.) **(Jpn)**

[Experimental and clinical evaluation of small peptides as a nitrogen source in enteral nutrition (I). Nutritional usefulness following massive small bowel resection in the rat.] Kobayashi N, et al. **Nippon Geka Hokan** 1984 Jan 1;53(1):125–32 (Eng. Abstr.) **(Jpn)**

[Enteral hyperalimentation] Koyama S, et al. **Nippon Rinsho** 1985 Jan;43(1):197–212 (17 ref.) **(Jpn)**

[4 cases of ulcerative colitis treated unsuccessfully with an elemental diet. Therapeutic effect of an elemental diet on ulcerative colitis] Endo K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):306–9 **(Jpn)**

[The effect of elemental diet on pancreatic exocrine secretion—studied in the model of pancreatic insufficiency in the rat] Miyasaka K. **Nippon Shokakibyo Gakkai Zasshi** 1984 Dec;81(12):2986–91 (Eng. Abstr.) **(Jpn)**

[Intermittent use of an oral catheter for feeding dysphagic children] Funahashi M, et al. **No To Hattatsu** 1985 Jan; 17(1):3–9 (Eng. Abstr.) **(Jpn)**

[Enteral feeding in cancer of the upper digestive and respiratory tract] Ose T, et al. **Tidsskr Nor Laegeforen** 1984 Oct 30;104(30):2100–3 **(Nor)**

[Nutritional support in hospitalized patients: a years' experience] Sadek M da G, et al. **Rev Paul Med** 1984 Sep–Oct;102(5):192–6 (Eng. Abstr.) **(Por)**

[Nitrogen balance of children with fistulae of the small intestine kept on a diet with a protein enteral feeding formula] Klichev BM, et al. **Vopr Pitan** 1985 May–Jun; (3):21–3 (Eng. Abstr.) **(Rus)**

[Effect of intragastric feeding with qualitatively different mixtures on the microflora composition of the intestines in rats] Klimzo ON. **Vopr Pitan** 1985 Jan–Feb;(1):38–41 (Eng. Abstr.) **(Rus)**

[Endogenous nitrogen losses in rats fed by intravenous and enteral routes] Poriadkov LF, et al. **Vopr Pitan** 1984 Jul–Aug;(4):33–6 (Eng. Abstr.) **(Rus)**

[Enteral feeding] Sysoev IuA, et al. **Vopr Pitan** 1985 May–Jun;(3):3–9 (127 ref.) **(Rus)**

[Prophylactic effect of enteral feeding preparations during the chemotherapy of oncology patients] Syzrantsev IuK, et al. **Vopr Pitan** 1985 Jan–Feb;(1):24–7 (Eng. Abstr.) **(Rus)**

[Endoscopic placement of sondes for enteral feeding] Gallo Reynoso S, et al. **Rev Gastroenterol Mex** 1984 Oct–Dec; 49(4):247–50 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Update on vitamin K1 content of enteral products [letter] Kutsop JJ. **Am J Hosp Pharm** 1984 Sep;41(9):1762

Feeding gastrostomy. Assistant or assassin? Burtch GD, et al. **Am Surg** 1985 Apr;51(4):204–7

Fine bore enteral feeding and pulmonary aspiration. Boscoe MJ, et al. **Br Med J [Clin Res]** 1984 Nov 24; 289(6456):1421–2

Fine bore enteral feeding and pulmonary aspiration [letter] Fry EN. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):320

Nasotracheal intubation and pulmonary parenchymal perforation. An unusual complication of naso-enteral feeding with small-diameter feeding tubes. Dorsey JS, et al. **Chest** 1985 Jan;87(1):131–2

Pleuropulmonary complications of enteral tube feedings. Two reports, review of the literature, and recommendations. Miller KS, et al. **Chest** 1985 Aug; 88(2):230–3 (12 ref.)

Pulmonary aspiration in tube-fed patients with artificial airways. Treloar DM, et al. **Heart Lung** 1984 Nov; 13(6):667–71

Intestinal perforation following enteral administration of indomethacin [letter] Marshall TA, et al. **J Pediatr** 1985 Sep;107(3):484–5

Bacterial contamination of tube-feeding formulas. Anderson KR, et al. **JPEN** 1984 Nov–Dec;8(6):673–8

Pneumothorax complicating enteral feeding tube placement. Olbrantz KR, et al. **JPEN** 1985 Mar–Apr;9(2):210–1

Pneumatosis intestinalis associated with enteral feeding by catheter jejunostomy. Zern RT, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):81S–83S

Hypernatraemic dehydration and necrotizing enterocolitis. Clarke AJ, et al. **Postgrad Med J** 1985 Jan;61(711):65–6

Enteral hyperthermia. Harris LF, et al. **South Med J** 1985 Jun;78(6):754–5

[Prevention of diarrhea during nasogastric tube feeding] Lopez I, et al. **Rev Med Brux** 1985 Jan;6(1):29–31 (Eng. Abstr.) **(Fre)**

[Intestinal infections in the course of continuous elemental enteral feeding by way of the jejunum in the infant] Menci R, et al. **Pediatr Med Chir** 1984 May–Jun;6(3):391–3 (Eng. Abstr.) **(Ita)**

[Esophageal perforation with a gastric tube during enteral feeding of a negativistic mental patient] Kiejna A, et al. **Wiad Lek** 1985 Jan 1;38(1):67–70 (Eng. Abstr.) **(Pol)**

ECONOMICS

New Medicare guidelines for home nutrition [letter] Curtiss FR. **Am J Hosp Pharm** 1984 Oct;41(10):1990, 1992

Cost effectiveness of an enteral products formulary. Durfee DD, et al. **Am J Hosp Pharm** 1984 Nov;41(11):2352–4

Specialized home nutrition support [editorial] Seltzer MH. **JPEN** 1984 Nov–Dec;8(6):621

EDUCATION

Calculating parenteral feedings: a programmed instruction. Maillet JO. **J Am Diet Assoc** 1984 Nov;84(11):1312–20, 1323

INSTRUMENTATION

Entriflex feeding tube: need for care in using it. Kiwak MG, et al. **AJR** 1984 Dec;143(6):1341–2

Stomach rupture by infusion pump and Foley catheter. Donoghue ER, et al. **J Forensic Sci** 1984 Oct;29(4):1225–8

Gastrostomy tube stabilizer. Cywes S. **J Pediatr Surg** 1984 Oct;19(5):572

Technical developments and instrumentation: percutaneous transhepatic feeding jejunostomy. Haskell L, et al. **J Surg Oncol** 1985 May;29(1):57–8

Complications during insertion of narrow-bore feeding tubes [letter] **JAMA** 1985 Jul 5;254(1):54–5

Intranasal retraction of nasogastric feeding tube: case report and suggestion for design modification. Bohnker BK, et al. **JPEN** 1985 Jan–Feb;9(1):53–4

Percutaneous needle pharyngostomy. Bucklin DL, et al. **JPEN** 1985 Jan-Feb;9(1):68–70

Feeding tube-induced pneumothorax. Saltzberg DM, et al. **JPEN** 1984 Nov–Dec;8(6):714–6

Jejunal intubation via gastrostomy catheters in pediatric patients. Strife JL, et al. **Radiology** 1985 Jan;154(1):249

Continuous high energy low flow-rate enteral support. Levy E, et al. **Schweiz Rundsch Med Prax** 1984 Nov 20;73(47):1451–7

Placement of enteric feeding tubes using guidewire technique. Cockrell CH, et al. **South Med J** 1985 Feb;78(2):210–1

Long-term alimentation by a new indwelling tube gastrostomy technique. Dudrick SJ, et al. **South Med J** 1984 Dec;77(12):1506–8

A new tube for simultaneous gastric decompression and jejunal alimentation. Nelson R, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):369–72

[Localization of feeding tubes. Prospective studies on 102 patients] Rabast U. **Dtsch Med Wochenschr** 1985 Jul 5;110(27):1074–6 (Eng. Abstr.) **(Ger)**

[Simplified procedure for endoscopic administration of enteral feeding catheters] Emde C, et al. **Infusionsther Klin Ernahr** 1984 Dec;11(6):323–4 (Eng. Abstr.) **(Ger)**

[Minimal jejunostomy for early postoperative enteral feeding: technic and results] Negri G, et al. **Chir Ital** 1983 Dec;35(6):872–84 (Eng. Abstr.) **(Ita)**

[Crohn's disease with follow-up study by a double contrast imaging of the small intestine using an elemental diet tube. Report of a case] Dohi T, et al. **Rinsho Hoshasen** 1984 Nov;29(12):1435–8 (Eng. Abstr.) **(Jpn)**

[Tube for enteral feeding after operations on the stomach and duodenum] Slabinskil NN, et al. **Klin Khir** 1984 Nov;(11):72 **(Rus)**

METHODS

Immediate enteral feeding after abdominal surgery. Takala J, et al. **Acta Chir Scand** 1985;151(2):143–5

Percutaneous transhepatic hyperalimentation for patients with biliary drainage catheters. Train JS, et al. **AJR** 1985 Feb;144(2):255–6

Compensatory enteral hyperalimentation for management of patients with severe short bowel syndrome. Cosnes J, et al. **Am J Clin Nutr** 1985 May;41(5):1002–9

Effects of cyclic (nocturnal) total parenteral nutrition and continuous enteral nutrition on circadian rhythms of blood lipids, lipoproteins and apolipoproteins in humans. Matuchansky C, et al. **Am J Clin Nutr** 1985 Apr;41(4):727–34

Percutaneous endoscopic gastrostomy: a preferred method of feeding tube gastrostomy. Thatcher BS, et al. **Am J Gastroenterol** 1984 Oct;79(10):748–50

Early postop feeding. Shea M, et al. **Am J Nurs** 1984 Oct;84(10):1230–1

Prolonged enteral nutrition in malnourished patients with nonelemental feeding. Reappraisal of surgical technique, safety, and costs. Hinsdale JG, et al. **Am J Surg** 1985 Mar;149(3):334–8

Percutaneous approaches to enteral alimentation. Ponsky JL, et al. **Am J Surg** 1985 Jan;149(1):102–5

Loss of breast milk nutrients during tube feeding. Stocks RJ, et al. **Arch Dis Child** 1985 Feb;60(2):164–6

Techniques of parenteral and enteral nutrition. Halmágyi MP, et al. **Bibl Nutr Dieta** 1985;(35):9–19

Fine bore jejunostomy feeding following major abdominal surgery: a controlled randomized clinical trial. Smith RC, et al. **Br J Surg** 1985 Jun;72(6):458–61

Tolerance of elemental diet administered without starter regimen. Rees RG, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1869–70

The delivery of nutritional support. A potpourri of new devices and methods. Meguid MM, et al. **Cancer** 1985 Jan 1;55(1 Suppl):279–89 (64 ref.)

Endoscopic percutaneous gastrostomy without laparotomy. Hashiba K, et al. **Endoscopy** 1984 Nov;16(6):219–22

Fine-needle endoscopic percutaneous gastrostomy. Negri G, et al. **Endoscopy** 1984 Nov;16(6):223–5

Changes in fat concentration of human milk during delivery by intermittent bolus and continuous mechanical pump infusion. Greer FR, et al. **J Pediatr** 1984 Nov;105(5):745–9

A technique for enteral feeding in unrestrained chronic dogs. Langaniere S, et al. **JPEN J Parenter Enteral Nutr** 1985 May–Jun;9(3):370–4

Visceral protein increase associated with interrupt versus continuous enteral hyperalimentation. Pinchcofsky-Devin GD, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul–Aug;9(4):474–6

Is tube feeding with elemental diets a primary therapy of Crohn's disease? Lochs H, et al. **Klin Wochenschr** 1984 Sep 3;62(17):821–5

Methods of introducing nasoenteric feeding. A prospective randomized study. Nyulasi IB, et al. **Med J Aust** 1984 Oct 13;141(8):496–8

Nutritional considerations in the patient with disabling brain disease. Turner WW Jr. **Neurosurgery** 1985 May;16(5):707–13

Tube feeding of infants and children. Moore MC, et al. **Pediatr Clin North Am** 1985 Apr;32(2):401–17 (51 ref.)

Oral hyperalimentation in the nutritional management of burned patients. Fabiani C, et al. **S Afr Med J** 1985 May 11;67(19):768–70

A simple technique for enteral feedings in patients on ventilators. Lanzafame RJ, et al. **Surg Gynecol Obstet** 1985 Jan;160(1):83

A technique for long term continent gastrostomy. Locker DL, et al. **Surg Gynecol Obstet** 1985 Jan;160(1):73–5

Endoscopic jejunal feeding tube through decompressing gastrostomy. Van Stiegmann G, et al. **Surg Gynecol Obstet** 1985 Feb;160(2):173–5

Early postoperative enteral feeding through a needle catheter jejunostomy. Berger D, et al. **Z Kinderchir** 1984 Oct;39(5):328–31

[Early enteral feeding by jejunostomy in severe digestive surgery. Analysis of 75 cases] Negri G, et al. **Ann Chir** 1985 Apr;39(3):215–8 (Eng. Abstr.) **(Fre)**

[Technics of enteral feeding in the adult] Bouletreau P, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Jun;21(3):147–52 **(Fre)**

[Intestinal motility and continuous enteral nutrition: electromyographic study in dogs] Felder G, et al. **Gastroenterol Clin Biol** 1984 Aug–Sep;8(8–9):599–603 (Eng. Abstr.) **(Fre)**

[Constant-rate enteral feeding in buccopharyngeal cancer] Pichard C, et al. **Schweiz Rundsch Med Prax** 1985 Mar 26;74(13):329–32 (Eng. Abstr.) **(Fre)**

[Catheter jejunostomy—a surgical complement to postoperative parenteral feeding] Rogenhofer H, et al. **Fortschr Med** 1985 Feb 28;103(8):211–4 (Eng. Abstr.) **(Ger)**

[Nutrition physiologic, immunologic and clinical parameters in prospective randomized patients by enteral or parenteral nutrition therapy following large intestine operations] Bauer E, et al. **Infusionsther Klin Ernahr** 1984 Jun;11(3):165–7 (Eng. Abstr.) **(Ger)**

[Reflux and stool frequency in the artificial feeding of traumatized intensive care patients] Hackl JM, et al. **Infusionsther Klin Ernahr** 1984 Dec;11(6):305–12 (Eng. Abstr.) **(Ger)**

[Postoperative tube feeding of maxillary surgery patients with the high molecular drinking and tube feeding solution Fresubin] Schmidt W, et al. **Infusionsther Klin Ernahr** 1984 Oct;11(5):282–8 (Eng. Abstr.) **(Ger)**

[Dissociation behavior of peptide diets] Viell B, et al. **Infusionsther Klin Ernahr** 1984 Aug;11(4):197–201 (Eng. Abstr.) **(Ger)**

[Increased use of enteral feeding by new procedures of intubation] Emde C, et al. **Internist (Berlin)** 1984 Dec;25(12):721–7 **(Ger)**

[Enteral feeding—an alternative to parenteral feeding in the treatment of Crohn disease?] Lochs H, et al. **Leber Magen Darm** 1984 Mar;14(2):64–7 (Eng. Abstr.) **(Ger)**

[Modern technics of tube feeding] Troidl H, et al. **Leber Magen Darm** 1984 Mar;14(2):58–63 (Eng. Abstr.) **(Ger)**

[Feeding jejunostomy] Mona D. **Schweiz Rundsch Med Prax** 1984 Nov 20;73(47):1443–50 (Eng. Abstr.) **(Ger)**

[Modern aspects of enteral and parenteral feeding of newly operated patients] Weiner R, et al. **Z Urol Nephrol** 1984 Dec;77(12):739–47 (Eng. Abstr.) **(Ger)**

[Postoperative energy requirements and its fulfillment] Weiner R, et al. **Zentralbl Chir** 1984;109(23):1492–504 (Eng. Abstr.) **(Ger)**

[Naso-duodenal feeding of low birth weight infants requiring intensive care] Megyeri P, et al. **Orv Hetil** 1984 Oct 7;125(41):2499–501 (Eng. Abstr.) **(Hun)**

[Balanced non-residual diet for surgical patients] Jaroszewicz S, et al. **Pol Tyg Lek** 1984 Apr 30;39(18):625–7 (15 ref.) **(Pol)**

NURSING

Feeding ventilated patients—safely. Irwin MM, et al. **Am J Nurs** 1985 May;85(5):544–6

PSYCHOLOGY

The psychological aspects of artificial nutritional support. Gilchrist PN, et al. **Aust NZ J Psychiatry** 1985 Mar;19(1):54–9

Psychosocial aspects of artificial feeding. Padilla GV, et al. **Cancer** 1985 Jan 1;55(1 Suppl):301–4

The case of Mary Hier: when substituted judgment becomes sleight of hand. Annas GJ. **Hastings Cent Rep** 1984 Aug;14(4):23–5

STANDARDS

Observations on the practice of clinical nutrition in hospitals in China. Heimburger DC. **JPEN** 1984 Nov-Dec;8(6):628–31

Clinical application of the new HPLC method for fatty acid analysis. (1) Comparative nutritional assessment of enteral nutrients. Sato T, et al. **Nippon Geka Hokan** 1984 Mar 1;53(2):378–94

[Comparative study of enteral diets, Ensure and Elental in postoperative nutrition of patients who received esophago-gastric surgery] Inamoto T, et al. **Nippon Geka Hokan** 1984 Mar 1;53(2):422–32 (Eng. Abstr.) **(Jpn)**

TRENDS

Home setting to play greater role in medical care. Silver C, et al. **J La State Med Soc** 1984 Nov;136(11):25–6

ENTERAL HYPERALIMENTATION see **ENTERAL FEEDING**

ENTERIC FEVER see **TYPHOID**

ENTERIC HORMONES see **GASTROINTESTINAL HORMONES**

ENTERITIS

Idiopathic chronic ulcerative enteritis. A case report. Hinder RA, et al. **S Afr J Surg** 1985 Jun;23(2):75–7

CHEMICALLY INDUCED

A case of perazine-induced enteritis—allergy or pseudoallergy? Meya U, et al. **Pharmacopsychiatry** 1985 Jul;18(4):263–6

[The role of Clostridium difficile in antibiotic-associated enteritis] Köksal F. **Mikrobiyol Bul** 1985 Apr;19(2):109–11 **(Tur)**

COMPLICATIONS

Campylobacter enteritis complicated by glomerulonephritis [letter] Maidment CG, et al. **J Infect** 1985 Mar;10(2):177–8

Acute polyneuritis with cranial nerve involvement following Campylobacter jejuni infection [letter] Wroe SJ, et al. **J Neurol Neurosurg Psychiatry** 1985 Jun;48(6):593

Incidence and duration of lactose malabsorption in children hospitalized with acute enteritis: study in a well-nourished urban population. Davidson GP, et al. **J Pediatr** 1984 Oct;105(4):587–90

Post-infective malabsorption in the temperate zone. Montgomery RD, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):322–7

[The postenteritis syndrome] Boda M, et al. **Orv Hetil** 1984 Dec 9;125(50):3043–6 (Eng. Abstr.) **(Hun)**

[Skin changes in lambliasis. Preliminary report] Ratka P, et al. **Przegl Dermatol** 1984 Sep–Oct;71(5):437–41 (Eng. Abstr.) **(Pol)**

[Urologic complications of inflammatory diseases of the intestines] Mukhtarov AM, et al. **Urol Nefrol (Mosk)** 1984 Sep–Oct;(5):69–73 (65 ref.) **(Rus)**

[Digestive complications of Campylobacter enteritis] Lázaro A, et al. **An Esp Pediatr** 1985 Mar 31;22(4):275–9 (Eng. Abstr.) **(Spa)**

[Reactive arthritis caused by Campylobacter jejuni in a patient with circulating immune complexes (letter)] Guarga A, et al. **Med Clin (Barc)** 1984 Jun 16;83(3):130 **(Spa)**

DIAGNOSIS

Campylobacter enteritis and bloody stools in the neonate. Youngs ER, et al. **Arch Dis Child** 1985 May;60(5):480–1

Enteric infections, cow's milk intolerance and parenteral infections in 118 consecutive cases of acute diarrhoea in children. Capano G, et al. **Eur J Pediatr** 1984 Sep;142(4):281–5

Evaluation of 14C-D-xylose breath test in the diagnosis of small intestinal bacterial overgrowth. Pruthi HS, et al. **Indian J Med Res** 1984 Nov;80:598–600

The early diagnosis of Campylobacter enteritis by wet-mount examination. Murray BJ. **J Fam Pract** 1985 Mar;20(3):305–8

[Phlegmon of the small intestine] Ovchinnikov VA, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):76–8 (Eng. Abstr.) **(Rus)**

[Crohn disease—combined lesions of the duodenum and small intestine] Rapoport SI, et al. **Ter Arkh** 1985;57(2):83–4 **(Rus)**

DIET THERAPY

[Diet therapy of enteritis in children (experience in 929 cases)] Olivi O, et al. **Pediatr Med Chir** 1983 Nov–Dec;5(6):531–5 (Eng. Abstr.) **(Ita)**

DRUG THERAPY

Infantile rotavirus enteritis treated with herbal Valeriana jatamansi (VJ). Chen SD, et al. **J Tradit Chin Med** 1984 Dec;4(4):297–300

[Therapy of salmonella carriers] Freerksen E, et al. **Off Gesundheitswes** 1984 Sep;46(9):439–44 **(Ger)**

[Current therapeutic problems in the treatment of infectious diarrheal diseases in children] Sliwa F, et al. **Padiatr Padol** 1985;20(3):307–14 (Eng. Abstr.) (Ger)

[Netilmicin in the treatment of acute bacterial enteritis in childhood] Titone L, et al. **Minerva Pediatr** 1984 Sep 30; 36(18):913–6 (Eng. Abstr.) (Ita)

[Clinical trial of fosfomycin for Campylobacter enteritis] Nogawa T, et al. **Jpn J Antibiot** 1984 Sep;37(9):1620–4 (Eng. Abstr.) (Jpn)

[Use of anabolic drugs and amino acid complex in patients with chronic enteritis] Vakhrushev IaM, et al. **Klin Med (Mosk)** 1985 Feb;63(2):103–6 (Eng. Abstr.) (Rus)

ENZYMOLOGY

Quantitative assay for acute intestinal inflammation based on myeloperoxidase activity. Assessment of inflammation in rat and hamster models. Krawisz JE, et al. **Gastroenterology** 1984 Dec;87(6):1344–50

ETIOLOGY

Cryptosporidium causing severe enteritis in a Belgian immunocompetent patient. Vandepitte J, et al. **Acta Clin Belg** 1985;40(1):43–7

Clinical and nutritional implications of radiation enteritis. Beer WH, et al. **Am J Clin Nutr** 1985 Jan;41(1):85–91

Campylobacter enteritis associated with undercooked barbecued chicken. Istre GR, et al. **Am J Public Health** 1984 Nov;74(11):1265–7

Salmonella typhimurium enteritis and bacteremia in the acquired immunodeficiency syndrome. Smith PD, et al. **Ann Intern Med** 1985 Feb;102(2):207–9

Enteritis and Reiters syndrome associated with Yersinia enterocolitica [letter] Sampson JA, et al. **Aust NZ J Med** 1984 Dec;14(6):864–5

The role of luminal contents in radiation enteritis. Mulholland MW, et al. **Cancer** 1984 Dec 1;54(11):2396–402

Enteropathogenic Escherichia coli enteritis: evaluation of the gnotobiotic piglet as a model of human infection. Tzipori S, et al. **Gut** 1985 Jun;26(6):570–8

Evidence of udder excretion of Campylobacter jejuni as the cause of milk-borne campylobacter outbreak. Hutchinson DN, et al. **J Hyg (Lond)** 1985 Apr;94(2):205–15

The natural history of clinically established radiation enteritis. Galland RB, et al. **Lancet** 1985 Jun 1;1(8440):1257–8

Campylobacter enteritis associated with consumption of raw goat's milk [letter] Hutchinson DN, et al. **Lancet** 1985 May 4;1(8436):1037–8

Radiation enteritis [letter] Kerby IJ. **Lancet** 1985 Jun 22; 1(8443):1443

Radiation enteritis [letter] Thomson HJ, et al. **Lancet** 1985 Jul 6;2(8445):49

Pigless pigbel: enteritis necroticans in the Solomon Islands. Eason RJ, et al. **Papua New Guinea Med J** 1984 Mar; 27(1):42–4

Intestinal complications of wide field abdominal irradiation for lymphoma. Langlois D, et al. **Radiother Oncol** 1985 Jun;3(4):293–8

Campylobacter jejuni enteritis; a review. Chowdhury MN. **Trop Geogr Med** 1984 Sep;36(3):215–22 (62 ref.)

[Intestinal influenza infection in ferrets] Glathe H, et al. **Arch Exp Veterinarmed** 1984 Sep;38(5):771–7 (Eng. Abstr.) (Ger)

[Unusual manifestations of Campylobacter infections] Somekh E, et al. **Harefuah** 1983 Oct 16;105(8):217–8 (Eng. Abstr.) (Heb)

[Campylobacter fetus enteritis] O'Neill-Rivera JG, et al. **Bol Asoc Med PR** 1985 Jan;77(1):11–4 (Eng. Abstr.) (Spa)

IMMUNOLOGY

[Isolation and purification of Campylobacter jejuni antigen which reacts with sera of patients with Campylobacter enteritis] Mizuno S, et al. **Kansenshogaku Zasshi** 1984 Aug; 58(8):733–8 (Eng. Abstr.) (Jpn)

METABOLISM

Intestinal permeability to 51Cr-EDTA in rats with experimentally induced enteropathy. Bjarnason I, et al. **Gut** 1985 Jun;26(6):579–85

[Neutral glycosaminoglycans of the jejunal mucosa in children with chronic nonspecific enteritis] Palkov VL, et al. **Pediatriia** 1984 Oct;(10):9–13 (Eng. Abstr.) (Rus)

MICROBIOLOGY

Selective broth enrichment may not be necessary for isolating thermophilic Campylobacter strains from acute enteritis cases [letter] Figura N, et al. **Boll Ist Sieroter Milan** 1984; 63(6):556–7

Polymicrobial infection in campylobacter enteritis. Melamed I, et al. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):633–4

An affinity technique for the isolation of Clostridium perfringens type C from man and pigs in Papua New Guinea. Lawrence G, et al. **J Appl Bacteriol** 1984 Oct; 57(2):333–8

Campylobacter enteritis in infants and young children in China. Duan SC, et al. **J Diarrhoeal Dis Res** 1983 Mar; 1(1):17–9

Escherichia coli 0142.H6; a drug-resistant enteropathogenic clone? Gross RJ, et al. **J Hyg (Lond)** 1985 Apr;94(2):181–91

Campylobacter cinaedi (sp. nov.) and Campylobacter fennelliae (sp. nov.): two new Campylobacter species associated with enteric disease in homosexual men. Totten PA, et al. **J Infect Dis** 1985 Jan;151(1):131–9

The pathogenesis of Yersinia enterocolitica infection in gnotobiotic piglets. Robins-Browne RM, et al. **J Med Microbiol** 1985 Jun;19(3):297–308

Value of methylene blue examination, dark-field microscopy, and carbol-fuchsin Gram stain in the detection of Campylobacter enteritis. Thorson SM, et al. **J Pediatr** 1985 Jun;106(6):941–3

An outbreak of multiple-drug-resistant Salmonella enteritis from raw milk. Tacket CO, et al. **JAMA** 1985 Apr 12; 253(14):2058–60

[Epidemiologic studies of enteritis caused by Campylobacter jejuni. IV. A study of the principal reservoir hosts] Zhang TC. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Feb; 6(1):26–8 (Eng. Abstr.) (Chi)

[Detection of Campylobacter jejuni and Campylobacter coli in the routine laboratory] Richter U. **Z Gesamte Hyg** 1984 Oct;30(10):580–2 (Eng. Abstr.) (Ger)

[Pathogens and clinical features of recent infectious enteritis in adults with emphasis on Campylobacter jejuni] Machii A, et al. **Kansenshogaku Zasshi** 1984 Apr;58(4):297–303 (Eng. Abstr.) (Jpn)

[Occurrence of enterotoxigenic E. coli (ETEC) in cases of enteritis in 0- to 2-year-old infants] Georgescu C, et al. **Rev Ig [Bacteriol]** 1985 Jan–Mar;30(1):35–42 (Eng. Abstr.) (Rum)

OCCURRENCE

Campylobacter enteritis associated with foodborne transmission: new serotyping data [letter] Blaser MJ, et al. **Am J Epidemiol** 1985 Apr;121(4):625–6

Campylobacter jejuni enteritis in children. Tang RB, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1984 Nov;17(4):226–32

Campylobacter enteritis in Nottingham. Elliott TS, et al. **Ecol Dis** 1983;2(4):291–4

Meat consumption as a risk factor in enteritis necroticans. Millar JS, et al. **Int J Epidemiol** 1985 Jun;14(2):318–21

Campylobacter enteritis in college students. Murray BJ. **J Am Coll Health** 1985 Feb;33(4):147–9

Campylobacter enteritis in Japanese children. Matsusaki S, et al. **J Diarrhoeal Dis Res** 1984 Jun;2(2):88–91

Enteritis in the GDR: the value of oral rehydration for treating children with enteritis. Ocklitz HW, et al. **J Diarrhoeal Dis Res** 1984 Dec;2(4):209–11

A report of a fulminating presence of rotaviral enteritis. Ye XL, et al. **J Diarrhoeal Dis Res** 1984 Sep;2(3):173

A one-year survey of campylobacter enteritis and other forms of bacterial diarrhoea in Hong Kong. Ho BS, et al. **J Hyg (Lond)** 1985 Feb;94(1):55–60

Prevalence of Cryptosporidium among patients with acute enteric infection. Holten-Andersen W, et al. **J Infect** 1984 Nov;9(3):277–82

Campylobacter enteritis: experiences at the Medical University of South Carolina Student Health Services. Seymour WW. **J SC Med Assoc** 1984 Nov;80(11):561–2

[Campylobacter jejuni enteritis in Fujian] **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Oct; 5(5):257–60 (Eng. Abstr.) (Chi)

[Epidemiological survey of enteritis caused by Campylobacter] Yan RF. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Apr; 6(2):82–4 (Eng. Abstr.) (Chi)

[Survey on an outbreak of Campylobacter enteritis in a family] Zhang TC. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Oct; 5(5):264–6 (Eng. Abstr.) (Chi)

[A clinical analysis of 88 cases of Campylobacter enteritis] Shen BC. **Chung Hua Nei Ko Tsa Chih** 1984 Aug; 23(8):495–6, 526 (Eng. Abstr.) (Chi)

[Diagnosis of 'acute enteritis' in children. The importance of virologic studies] Riva C, et al. **Minerva Pediatr** 1984 Jun 15;36(11):571–5 (Eng. Abstr.) (Ita)

[The epidemiology of enteritis caused by Campylobacter in children (letter)] Prado V. **Rev Med Chil** 1984 Nov; 112(11):1153 (Spa)

PARASITOLOGY

Isospora belli enteritis in three homosexual men. Forthal DN, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1060–4

The effects of histamine and an antihistamine on Trichinella spiralis and on trichinous enteritis in the host. Stewart GL, et al. **Int J Parasitol** 1985 Jun;15(3):327–32

PATHOLOGY

Eosinophilic gastroenteritis with no peripheral eosinophilia. Kamal MF, et al. **Ann Chir Gynaecol** 1985;74(2):98–100

Experimental Escherichia coli enteropathy in weanling rabbits: clinical manifestations and pathological findings. Peeters JE, et al. **J Comp Pathol** 1984 Oct;94(4):521–8

Enteritis necroticans in Port Moresby—report of three cases. Simpson RL, et al. **Papua New Guinea Med J** 1983 Jun; 26(2):146–8

Peutz-Jeghers syndrome with cervical adenocarcinoma and enteritis cystica profunda. Anderson NJ, et al. **West J Med** 1984 Aug;141(2):242–4

[Multifocal cryptogenetic stenosing enteritis: an autonomous entity?] Chagnon JP, et al. **Gastroenterol Clin Biol** 1984 Nov;8(11):808–13 (Eng. Abstr.) (Fre)

[Cryptogenetic multifocal stenosing enteritis: a new case (letter)] Gaucher P, et al. **Gastroenterol Clin Biol** 1985 May; 9(5):453 (Fre)

[Recognition of the pathogenesis of enteritis caused by type A Clostridium perfringens] Katić RV, et al. **Srp Arh Celok Lek** 1983 Aug;111(8):1077–87 (Scc)

PHYSIOPATHOLOGY

Alterations of myoelectric activity associated with Campylobacter jejuni and its cell-free filtrate in the small intestine of rabbits. Sninsky CA, et al. **Gastroenterology** 1985 Aug;89(2):337–44

[State of the enteroinsular axis in patients with chronic enteritis and ulcerative colitis] Zlatkina AR, et al. **Sov Med** 1985;(4):20–3 (Eng. Abstr.) (Rus)

PREVENTION & CONTROL

The maternal pheromone and deoxycholic acid in the survival of preweanling rats. Lee TM, et al. **Physiol Behav** 1984 Dec;33(6):931–5

RADIOGRAPHY

Mycobacterium avium-intracellulare complex enteritis: pseudo-Whipple disease in AIDS. Vincent ME, et al. **AJR** 1985 May;144(5):921–2

Inflammatory diseases of the small bowel. Pringot J, et al. **Verh K Acad Geneeskd Belg** 1984;46(5):309–49 (157 ref.)

[A roentgenodiagnostic algorithm in the detection of abdominal tuberculosis] Samokhina NV, et al. **Probl Tuberk** 1985;(2):38–41 (Eng. Abstr.) (Rus)

THERAPY

American Academy of Pediatrics Committee on Nutrition: Use of oral fluid therapy and posttreatment feeding following enteritis in children in a developed country. Mauer AM, et al. **Pediatrics** 1985 Feb;75(2):358–61

[Use of oral bacteria therapy in childhood during acute enteritis and functional chronic diarrhea. Clinical experience] Gregori G, et al. **Acta Biomed Ateneo Parmense** 1985;56(1):23–6 (Eng. Abstr.) (Ita)

VETERINARY

Isolation and identification of caliciviruses from dogs with enteric infections. Evermann JF, et al. **Am J Vet Res** 1985 Jan;46(1):218–20

Campylobacter jejuni and Campylobacter coli inoculation of neonatal calves. Warner DP, et al. **Am J Vet Res** 1984 Sep;45(9):1822–4

Isolation and characterization of cytopathic strains of rotavirus from rabbits. Brief report. Castrucci G, et al. **Arch Virol** 1985;83(1–2):99–104

Isolation of an apathogenic immunogenic strain of duck enteritis virus from waterfowl in California. Lin W, et al. **Avian Dis** 1984 Jul–Sep;28(3):641–50

Active and passive immunization of ducks against duck viral enteritis. Lin WQ, et al. **Avian Dis** 1984 Oct–Dec; 28(4):968–73

Suspected parvovirus infection in porcupines. Frelier PF, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1291–4

Clinical and pathologic features of parvoviral diarrhea in pound-source dogs. Stann SE, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):651–5

Lymphocytic-plasmacytic enteritis in a cat. Willard MD, et al. **J Am Vet Med Assoc** 1985 Jan 15;186(2):181–2

Eliminating swine dysentery from selected herds. Glock RD. **Mod Vet Pract** 1984 Aug;65(8):611–4

Electron microscopy of Clostridium perfringens in the intestine of neonatal pigs with necrotic enteritis. Kubo M, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):497–501

Campylobacter species isolated from swine with lesions of proliferative enteritis. Ohya T, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):285–94

Enteritis and green diarrhoea in experimental avian spirochaetosis. Bandopadhyay AC, et al. **Res Vet Sci** 1984 Nov;37(3):381–2

Wheat-sensitive enteropathy in Irish setter dogs: possible age-related brush border abnormalities. Batt RM, et al. **Res Vet Sci** 1985 Jul;39(1):80–3

Pathological and virological studies of experimental parvoviral enteritis in calves. Durham PJ, et al. **Res Vet Sci** 1985 Mar;38(2):209–19

Exacerbation of experimental parvoviral enteritis in calves by coccidia and weaning stress. Durham PJ, et al. **Res Vet Sci** 1985 Jul;39(1):16–23

Pathogenesis of canine parvovirus enteritis: the importance of viremia. Meunier PC, et al. **Vet Pathol** 1985 Jan; 22(1):60–71

Cryptosporidiosis in the domestic cat. Bennett M, et al. **Vet Rec** 1985 Jan 19;116(3):73–4

Avian paramyxovirus type 4 isolated from a ringed teal (Calonetta leucophrys). Gough RE, et al. **Vet Rec** 1984 Dec 22–29;115(25–26):653

Autumn nematodiriasis [letter] Hosie BD. **Vet Rec** 1984 Dec 22–29;115(25–26):666–7

Canine parvovirus enteritis 1: Clinical, haematological and pathological features of experimental infection. Macartney L, et al. **Vet Rec** 1984 Sep 1;115(9):201–10

Canine parvovirus enteritis 2: Pathogenesis. Macartney L, et al. **Vet Rec** 1984 Nov 3;115(18):453–60

Canine parvovirus enteritis 3: Scanning electron microscopical features of experimental infection. Macartney L, et al. **Vet Rec** 1984 Nov 24;115(21):533–7

The use of tissue culture for routine diagnosis of canine parvovirus infection. Frost JW, et al. **Zentralbl Veterinarmed [B]** 1984 Sep;31(8):623–6

Toroviridae: a taxonomic proposal. Horzinek MC, et al. **Zentralbl Veterinarmed [B]** 1984 Oct;31(9):649–59 (14 ref.)

[Salmonella fyris in a dog] Teunissen GH, et al. **Tijdschr Diergeneeskd** 1984 Sep 15;109(18):700–2 (Eng. Abstr.) **(Dut)**

[Clostridium perfringens type D enterotoxemia of goats in Switzerland. Pathologico–anatomical and bacteriological studies] von Rotz A, et al. **Schweiz Arch Tierheilkd** 1984 Jul;126(7):359–64 (Eng. Abstr.) **(Ger)**

[Pathogenesis, clinical aspects and diagnosis of the most important enteric bacterial diseases in animals] Baljer G. **Tierarztl Prax** 1985;13(2):141–50 (26 ref.) (Eng. Abstr.) **(Ger)**

[Identification of the Kaunas–1 strain isolated in the Lithuanian SSR in enteritis in calves] Domeika MA, et al. **Vopr Virusol** 1984 Nov–Dec;29(6):753–5 **(Rus)**

ENTERITIS, GRANULOMATOUS see CROHN DISEASE

ENTERITIS, INFECTIOUS, OF MINK see FELINE INFECTIOUS ENTERITIS

ENTERITIS, REGIONAL see CROHN DISEASE

ENTERITIS, TRANSMISSIBLE, OF TURKEYS

DIAGNOSIS

An enzyme–linked immunosorbent assay for detection of hemorrhagic enteritis virus and associated antibodies. Ianconescu M, et al. **Avian Dis** 1984 Jul–Sep;28(3):677–92

IMMUNOLOGY

Enzyme immunoassay studies on the serological response of turkeys to hemorrhagic enteritis virus. Davidson I, et al. **Avian Dis** 1985 Jan–Mar;29(1):43–52

Hemorrhagic enteritis of turkeys in California: serologic study of hemorrhagic enteritis virus antibody with an enzyme–linked immunosorbent assay. Ianconescu M, et al. **Avian Dis** 1985 Apr–Jun;29(2):356–63

Immunosuppressive effects of virulent strain of hemorrhagic enteritis virus in turkeys vaccinated against Newcastle disease. Nagaraja KV, et al. **Poult Sci** 1985 Mar; 64(3):588–90

ENTERITIS VIRUS, TURKEY see under CORONAVIRIDAE

ENTEROBACTER see under ENTEROBACTERIACEAE

ENTEROBACTERIACEAE

Endotoxin in cotton dust and respiratory function decrement among cotton workers in an experimental cardroom. Rylander R, et al. **Am Rev Respir Dis** 1985 Feb; 131(2):209–13

Effect of pH, application technique, and chlorine–to–nitrogen ratio on disinfectant activity of inorganic chloramines with pure culture bacteria. Ward NR, et al. **Appl Environ Microbiol** 1984 Sep;48(3):508–14

Enterobacter. Ristuccia PA, et al. **Infect Control** 1985 Mar; 6(3):124–8

Implications of coliform variability in the assessment of the sanitary quality of recreational waters. Fleisher JM. **J Hyg (Lond)** 1985 Apr;94(2):193–200

[Daphnia magna Straus as consumers of enteropathogenic bacteria] Avtsyn AP, et al. **Biull Eksp Biol Med** 1984 Oct; 98(10):478–80 (Eng. Abstr.) **(Rus)**

[Enterobacter agglomerans bacteremia (letter)] Baquero F, et al. **Med Clin (Barc)** 1985 Jan 19;84(2):79 **(Spa)**

ANALYSIS

Alpha–2——4–interlinked 3–deoxy–D–manno–octulosonic acid disaccharide. A common constituent of enterobacterial lipopolysaccharides. Brade H, et al. **Eur J Biochem** 1984 Dec 3;145(2):231–6

Structural studies on the lipid A component of enterobacterial lipopolysaccharides by laser desorption mass spectrometry. Location of acyl groups at the lipid A backbone. Seydel U, et al. **Eur J Biochem** 1984 Dec 17;145(3):505–9

[Determination of the structural integrity of DNA from pathogenic enterobacteria] Tets VV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):20–3 (Eng. Abstr.) **(Rus)**

CLASSIFICATION

Microtests for rapid identification of Enterobacteriaceae. Four–hour tests by use of substrate–impregnated paper discs. Nissen B. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Oct; 92(5):239–45

Taxonomic Subcommittee on Enterobacteriaceae of the International Committee on Systematic Bacteriology. van Oye E. **Arch Belg** 1985;43(1–2):41–9

Characterization of two clinical, multiple–drug–resistant isolates of Enterobacter cloacae. Traub WH, et al. **Chemotherapy** 1984;30(5):308–21

Differentiation of Pseudomonas aeruginosa and Enterobacteriaceae in direct smears based on measurements by scanning electron microscopy. Bartlett RC, et al. **Diagn Microbiol Infect Dis** 1985 Mar;3(2):143–7

Evaluation of a new screening system for enteric pathogens. Hinrichs J, et al. **Diagn Microbiol Infect Dis** 1985 Sep; 3(5):397–401

Comparative evaluation of the Eiken and API 20E systems and conventional methods for identification of members of the family Enterobacteriaceae. Castillo CB, et al. **J Clin Microbiol** 1984 Oct;20(4):754–7

Biochemical identification of new species and biogroups of Enterobacteriaceae isolated from clinical specimens. Farmer JJ 3d, et al. **J Clin Microbiol** 1985 Jan;21(1):46–76 (143 ref.)

Escherichia fergusonii and Enterobacter taylorae, two new species of Enterobacteriaceae isolated from clinical specimens. Farmer JJ 3d, et al. **J Clin Microbiol** 1985 Jan; 21(1):77–81

Evaluation of a two–hour method for screening pathogens from stool specimens. Greene LC, et al. **J Clin Microbiol** 1984 Aug;20(2):285–7

Koserella trabulsii, a new genus and species of Enterobacteriaceae formerly known as Enteric Group 45. Hickman–Brenner FW, et al. **J Clin Microbiol** 1985 Jan; 21(1):39–42

Leminorella, a new genus of Enterobacteriaceae: identification of Leminorella grimontii sp. nov. and Leminorella richardii sp. nov. found in clinical specimens. Hickman–Brenner FW, et al. **J Clin Microbiol** 1985 Feb; 21(2):234–9

Evaluation of the DMS Rapid E system for identification of clinical isolates of the family Enterobacteriaceae. Keville MW, et al. **J Clin Microbiol** 1984 Nov;20(5):1010–1

Reproducibility of the MS–2 system for identification of members of the family Enterobacteriaceae: a collaborative study with blindly assigned reference stains. Yamane N, et al. **J Clin Microbiol** 1984 Dec;20(6):1135–9

Rapid microbiochemical method for presumptive identification of gastroenteritis–associated members of the family Enterobacteriaceae. Yong DC, et al. **J Clin Microbiol** 1985 Jun;21(6):914–8

Yokenella regensburgei gen. nov., sp. nov.: a new genus and species in the family Enterobacteriaceae. Kosako Y, et al. **Jpn J Med Sci Biol** 1984 Jun;37(3):117–24

Assay of extracellular proteinases using a colorimetric collagen substrate for the differentiation of Serratia in the tribe Klebsielleae. Edberg SC, et al. **Med Microbiol Immunol (Berl)** 1985;174(3):115–8

Differentiation of Enterobacteriaceae and Vibrionaceae by a micromethod for determination of carbon substrate assimilation. Freney J, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec; 258(2–3):187–97

[Preliminary study on differentiation of Enterobacteriaceae with pyrolysis gas chromatography] Jin TR, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb; 6(1):39–42 (Eng. Abstr.) **(Chi)**

[Mathematical approach to bacterial identification] Beyne P, et al. **Ann Biol Clin (Paris)** 1985;43(3):239–50 (Eng. Abstr.) **(Fre)**

['New' taxa in the Enterobacteriaceae family and possibilities fo their identification in clinico–bacteriologic laboratories] Fischer R. **Z Gesamte Hyg** 1984 Aug;30(8):450–5 (Eng. Abstr.) **(Ger)**

[Comparative evaluation of 2 rapid methods for the identification of Enterobacteriaceae and the API 20 E] Cavanna E, et al. **Pathologica** 1984 Nov–Dec; 76(1046):707–18 (Eng. Abstr.) **(Ita)**

[Bacteriocin typing for clinical isolates of Enterobacter cloacae—an epidemiologic consideration] Nasu M, et al. **Kansenshogaku Zasshi** 1984 Jul;58(7):590–5 (Eng. Abstr.) **(Jpn)**

[Evaluation of the Micro–ID kit for the identification of bacteria of the Enterobacteriaceae family] Zaremba M, et al. **Med Dosw Mikrobiol** 1985;37(1):25–31 (Eng. Abstr.) **(Pol)**

[Rapid biochemical identification of enterobacteria on plates] Sivolodskii EP, et al. **Lab Delo** 1985;(5):306–8 (Eng. Abstr.) **(Rus)**

[Nomenclature and taxonomy of bacteria of the tribe Klebsielleae] Bondarenko VM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):99–105 (64 ref.) **(Rus)**

DRUG EFFECTS

Effect of cytochalasin B and dihydrocytochalasin B on invasiveness of entero–invasive bacteria in HEp–2 cell cultures. Bukholm G. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Jun; 92(3):145–9

Determination of species– and laboratory–related interpretive breakpoints for doxycycline susceptibility testing using single–strain regression analysis. Forsberg P, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Feb; 93(1):53–60

Antibacterial activity in vitro and regression studies for ceftazidime and ceftriaxone. Frimodt–Møller N, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Jun; 93(3):181–8

Population analysis of susceptibility to cefotaxime and desacetyl–cefotaxime in Staphylococcus and Enterobacteriaceae. Hansen BG, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Jun; 93(3):243–7

Trimethoprim resistance plasmids. Amyes SG, et al. **Ann Microbiol (Paris)** 1984 Sep–Oct;135B(2):177–86

Resistance caused by decreased penetration of beta–lactam antibiotics into Enterobacter cloacae. Bush K, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):555–60

Early synergistic interactions between amikacin and six beta–lactam antibiotics against multiply resistant members of the family Enterobacteriaceae. Glew RH, et al. **Antimicrob Agents Chemother** 1984 Sep;26(3):378–81

Comparative in vitro activities of aztreonam, ciprofloxacin, norfloxacin, ofloxacin, HR 810 (a new cephalosporin), RU28965 (a new macrolide), and other agents against enteropathogens. Goossens H, et al. **Antimicrob Agents Chemother** 1985 Mar;27(3):388–92

In vitro activity of temocillin, a new beta–lactamase–stable penicillin active against enterobacteria. Greenwood D, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):198–200

Effects of ampicillin plus sulbactam on bowel flora in patients undergoing colorectal surgery. Kager L, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):208–12

Comparative in vitro activities of selected antimicrobial agents against Edwardsiella tarda. Reinhardt JF, et al. **Antimicrob Agents Chemother** 1985 Jun;27(6):966–7

Selection of multiple antibiotic resistance by quinolones, beta–lactams, and aminoglycosides with special reference to cross–resistance between unrelated drug classes. Sanders CC, et al. **Antimicrob Agents Chemother** 1984 Dec; 26(6):797–801

Role of beta–lactam hydrolysis in the mechanism of resistance of a beta–lactamase–constitutive Enterobacter cloacae strain to expanded–spectrum beta–lactams. Vu H, et al. **Antimicrob Agents Chemother** 1985 Mar;27(3):393–8

Role of beta–lactamases and outer membrane proteins in multiple beta–lactam resistance of Enterobacter cloacae. Werner V, et al. **Antimicrob Agents Chemother** 1985 Apr; 27(4):455–9

Evidence for the role of copper in the injury process of coliform bacteria in drinking water. Domek MJ, et al. **Appl Environ Microbiol** 1984 Aug;48(2):289–93

Antibiotic–resistant bacteria in wild primates: increased prevalence in baboons feeding on human refuse. Rolland RM, et al. **Appl Environ Microbiol** 1985 Apr;49(4):791–4

Ceftriaxone. A new cephalosporin with aqueous humor levels effective against enterobacteriaceae. Axelrod JL, et al. **Arch Ophthalmol** 1985 Jan;103(1):71–2

In vitro susceptibility of gentamicin–resistant Enterobacteriaceae and Pseudomonas aeruginosa to aminoglycoside antibiotics. Ramírez–Ronda CH, et al. **Bol Asoc Med PR** 1983 Jul;75(7):305–7

In vitro activity of six beta–lactam antibiotics against non–beta–lactamase producing and producing enterobacteria and antibiotic resistance transfer. Scioli C, et al. **Boll Ist Sieroter Milan** 1984 Sep;63(4):338–47

Trimethoprim resistance in gram negative urinary pathogens [letter] **Br Med J [Clin Res]** 1985 Feb 9;290(6466):469–70

Antibiotic activity against pathological genito urinary and enteric gram negative rods as observed in 1983. At Public Health Laboratory, Mutare General Hospital, Zimbabwe. Kambaza A, et al. **Cent Afr J Med** 1984 Oct;30(10):195–7

Epidemiological study of Enterobacter cloacae resistant to 3rd generation cephalosporins: a preliminary report. Giamarellou H, et al. **Chemioterapia** 1985 Feb;4(1):43–6

A growing clinical problem: plasmid–determined resistance to aminocyclitol–aminoglycosides in enterobacteria. Gómez–Lus R, et al. **Chemioterapia** 1984 Dec;3(6):368–70

The emergence of resistance and the therapy of septicaemia. Phillips I, et al. **Chemioterapia** 1985 Feb;4(1):90–4

Ways to overcome cephalosporinase–mediated beta–lactam resistance in Enterobacter cloacae. Then RL, et al. **Chemioterapia** 1985 Feb;4(1):83–9

Occurrence of cefotaxime–resistant Enterobacter during therapy of cardiac surgery patients. Weinstein RA. **Chemioterapia** 1985 Feb;4(1):110–2

Origins of aztreonam resistance [letter] Dworzack DL, et al. **Clin Pharm** 1985 Jan–Feb;4(1):23–4

Evaluation of in vitro antibacterial activity of enoxacin: comparison with other orally absorbed antimicrobial agents, proposed disk diffusion test interpretive criteria, and quality control limits. Fuchs PC, et al. **Diagn Microbiol Infect Dis** 1985 May;3(3):213–21

Bacteriostatic and bactericidal activity of penicillins at constant and variable concentrations. Bauernfeind A. **Drugs** 1985;29 Suppl 5:9–14

The activity of temocillin against Enterobacteriaceae, Pseudomonas and Haemophilus influenzae. Chen HY, et al. **Drugs** 1985;29 Suppl 5:85–90

In vitro activity of temocillin against gram–negative clinical isolates. Gaya H, et al. **Drugs** 1985;29 Suppl 5:15–7

Antibacterial activity of temocillin. Malottke R, et al. **Drugs** 1985;29 Suppl 5:67–73

Influence of temocillin on human bowel flora. Mittermayer HW. **Drugs** 1985;29 Suppl 5:43–8

Temocillin. In vitro antibacterial activity. Slocombe B, et al. **Drugs** 1985;29 Suppl 5:49-56

Temocillin sensitivity of Enterobacteriaceae species resistant to cefotaxime. Verbist L. **Drugs** 1985;29 Suppl 5:38-42

Antibacterial activity of temocillin in combination with other beta-lactam antibiotics. Verbist L, et al. **Drugs** 1985;29 Suppl 5:32-7

Ceftriaxone: a three centre comparative in vitro susceptibility study [letter] Emmerson AM, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):142-4

Antibiotic resistance of gram negative rectal flora. Kanwar A, et al. **Indian Pediatr** 1984 Sep;21(9):729-35

The in vitro activity and beta-lactamase stability of cefpirome (HR 810), a pyridine cephalosporin agent active against staphylococci, Enterobacteriaceae and Pseudomonas aeruginosa. Neu HC, et al. **Infection** 1985 May-Jun; 13(3):146-55

In-vitro activity of norfloxacin against Enterobacteriaceae and Pseudomonas aeruginosa [letter] García-Rodríguez JA, et al. **J Antimicrob Chemother** 1984 Aug;14(2):192-3

Mezlocillin, ceftizoxime, and amikacin alone and in combination against six Enterobacteriaceae in a neutropenic site in rabbits. Gerding DN, et al. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:207-19

Sch 34343 activity against streptococci and beta-lactam-resistant Enterobacteriaceae. Gutmann L, et al. **J Antimicrob Chemother** 1985 Jun;15 Suppl C:147-54

Determination of molecular hydrogen in investigations of the susceptibility of Enterobacteriaceae to ampicillin. Hörnsten EG, et al. **J Antimicrob Chemother** 1985 Jun; 15(6):695-700

Survey of the phenotypes of susceptibility to beta-lactams in Enterobacteriaceae at the Pitie-Salpetriere Hospital. Jarlier V, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:59-65

Inability of gentamicin and fosfomycin to eliminate intracellular Enterobacteriaceae. Kihlström E, et al. **J Antimicrob Chemother** 1985 Jun;15(6):723-8

Trimethoprim resistance in urinary coliforms from patients in the community: plasmids and R-transfer. Kraft CA, et al. **J Antimicrob Chemother** 1985 Mar;15(3):311-7

beta-Lactamase susceptibility and comparative activity of Sch 34343 and other beta-lactams for non-fermenters, Neisseria spp. and beta-lactamase-positive Enterobacteriaceae. Mouton RP, et al. **J Antimicrob Chemother** 1985 Jun;15 Suppl C:111-7

Epidemiology of enterobacteria resistant to cefotaxime in hospital. Tancrede CH, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:53-7

Biological inactivation by faeces of antimicrobial drugs applicable in selective decontamination of the digestive tract. Veringa EM, et al. **J Antimicrob Chemother** 1984 Dec;14(6):605-12

The effect of varying ratios of ticarcillin to clavulanic acid against gentamicin-resistant and gentamicin-sensitive Enterobacteriaceae [letter] Wheat PF, et al. **J Antimicrob Chemother** 1984 Aug;14(2):195-6

An evaluation of the bacteriolytic and biochemical properties of ceftiolene (42980RP). Williamson R, et al. **J Antimicrob Chemother** 1984 Dec;14(6):581-93

A note on catalase enhanced recovery of acid injured cells of gram negative bacteria and its consequences for the assessment of the lethality of L-lactic acid decontamination of raw meat surfaces. Van Netten P, et al. **J Appl Bacteriol** 1984 Aug;57(1):169-73

Cross-resistance to nalidixic acid, trimethoprim, and chloramphenicol associated with alterations in outer membrane proteins of Klebsiella, Enterobacter, and Serratia. Gutmann L, et al. **J Infect Dis** 1985 Mar; 151(3):501-7

Amikacin-resistant gram-negative bacilli: correlation of occurrence with amikacin use. Levine JF, et al. **J Infect Dis** 1985 Feb;151(2):295-300

Incidence of trimethoprim-sulfamethoxazole-resistant enterobacteriaceae among transplant recipients. Wells CL, et al. **J Infect Dis** 1984 Nov;150(5):699-706

Relationship between beta-lactamases production and resistance to beta-lactam antibiotics in clinical isolates of Enterobacteriaceae. Romero E, et al. **Microbiologica** 1984 Jul;7(3):209-18

Selective inhibition of enterobacteriaceae in fecal flora of children by oral trimethoprim-sulfamethoxazole. Fujita K, et al. **Pediatr Infect Dis** 1984 Nov-Dec;3(6):530-3

Selective decontamination of the digestive tract by norfloxacin. A preliminary report. Pecquet SS, et al. **Prog Clin Biol Res** 1985;181:255-8

Forecast of antibiotic susceptibility of translocating strains of enterobacteria and pseudomonas in leukemic neutropenic patients. Tancrède CH, et al. **Prog Clin Biol Res** 1985; 181:275-7

Comparative in vitro activity of norfloxacin and seven other antimicrobial agents against clinical isolates from urinary tract infections. Esko E, et al. **Scand J Infect Dis** 1985; 17(1):95-8

Selective elimination of Enterobacteriaceae species from the digestive tract in mice and rats. Koopman JP, et al. **Z Versuchstierkd** 1984;26(5):197-204

Combination effect of cefmenoxime with four aminoglycosides on Enterobacteriaceae susceptible and moderately susceptible to this new cephalosporin. Husson MO, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug; 257(3):383-7

[Why is erythromycin ineffective against enteric bacteria and how does E. coli cause urosepsis?] Mäkelä PH. **Duodecim** 1985;101(3):272-81 **(Fin)**

[Rapid ATB. A new system of antibiotic testing in 4 hours. Description and parameters of variation] Gayral JP, et al. **Pathol Biol (Paris)** 1985 May;33(5):350-3 (Eng. Abstr.) **(Fre)**

[Prevalence and dispersion of plasmids conferring fosfomycin resistance in enterobacteria] Hardisson C, et al. **Pathol Biol (Paris)** 1984 Sep;32(7):755-8 (Eng. Abstr.) **(Fre)**

[Comparative study of the sensitivity of Enterobacteriaceae and Pseudomonas aeruginosa with 4 aminoglycosides] Turgeon P, et al. **Union Med Can** 1984 Jun;113(6):522-4 (Eng. Abstr.) **(Fre)**

[In-vitro activity of new beta-lactam antibiotics. Testing resistant enterobacteria and pseudomonas aeruginosa strains] Rosenthal E. **Fortschr Med** 1984 Nov 8; 102(41):1051-2 (Eng. Abstr.) **(Ger)**

[Induction of beta-lactamases in Enterobacter cloacae with beta-lactam antibiotics] Cullmann W, et al. **Immun Infekt** 1984 Feb;12(1):29-34 (Eng. Abstr.) **(Ger)**

[Formation of bacterial resistances to heavy metals in the environment] Thriene B, et al. **Z Gesamte Hyg** 1985 Feb; 31(2):109-11 (Eng. Abstr.) **(Ger)**

[Combined antibacterial activity of clavulanic acid with amoxicillin and ampicillin against Gram-negative strains] Mascellino MT, et al. **Boll Ist Sieroter Milan** 1984; 63(5):447-52 (Eng. Abstr.) **(Ita)**

['In vitro' sensitivity of gram-negative bacteria in comparisons of moxalactam, cephaloridine, cefotaxime, piperacillin and tobramycin] Giola L, et al. **G Batteriol Virol Immunol** 1983 Jul-Dec;76(7-12):207-13 **(Ita)**

[The effects of antibiotics on the intestinal bacterial flora and blood coagulation system] Iwata S. **Kansenshogaku Zasshi** 1984 Sep;58(9):903-20 (Eng. Abstr.) **(Jpn)**

[Evaluation of the sensitivity to selected antibiotics of vaginal bacteria before cesarean section] Słomko Z, et al. **Ginekol Pol** 1985 Jan;56(1):33-6 (Eng. Abstr.) **(Pol)**

[Synergistic effect of new beta-lactam antibiotics, clavulanic acid and dibekacin on pathogenic microorganisms] Jastalska D, et al. **Pol Tyg Lek** 1984 Oct 22;39(43):1415-8 (Eng. Abstr.) **(Pol)**

[Sensitivity of bacterial strains isolated from the urine in relation to type and frequency of use of antibacterial drugs (1972-1975, 1979-1981)] Wencel J, et al. **Pol Tyg Lek** 1984 Jul 9;39(28):951-5 **(Pol)**

[Chemical treatment of polluted vegetables] Baruffaldi R, et al. **Rev Saude Publica** 1984 Jun;18(3):225-34 (Eng. Abstr.) **(Por)**

[Gentamicin resistance in clinical strains of microorganisms: genetic control and biochemical mechanisms of resistance] Abadzhieva AN, et al. **Antibiot Med Biotekhnol** 1985 Jan; 30(1):65-75 (102 ref.) **(Rus)**

[Gram-negative conditionally pathogenic microflora in hospitals and its resistance to chloramine] Trukhina GM, et al. **Gig Sanit** 1985 May;(5):82-4 **(Rus)**

[Transfer of kanamycin resistance among familial strains of Enterobacteriaceae isolated from a chronic bacterial carrier of Salmonella schottmuelleri] Dombrovskiĭ AM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):65-70 (Eng. Abstr.) **(Rus)**

[In vitro activity of Ro 17-2301, a new monobactam antibiotic] Roy C, et al. **Med Clin (Barc)** 1985 Jun 29; 85(5):183-6 (Eng. Abstr.) **(Spa)**

[Resistance of enteropathogenic bacteria to commonly used antimicrobial agents] Prado V, et al. **Rev Chil Pediatr** 1984 Sep-Oct;55(5):308-12 (Eng. Abstr.) **(Spa)**

[In vitro activity of cefotaxime (HR 756) compared with cephalexin, gentamycin and amikacin against Gram-negative bacteria and urinary infections] Silva J, et al. **Rev Med Chil** 1983 Jul;111(7):699-703 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Beta-lactamase production in Enterobacter cloacae and Citrobacter freundii. Søgaard P. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Dec; 92(6):319-24

Detection of aminopeptidases in Enterobacteriaceae by three simple chromogenic tests. Giammanco G, et al. **Ann Microbiol (Paris)** 1984 Nov-Dec;135B(3):341-6

The beta-lactamase of Enterobacter cloacae P99. Chemical properties, N-terminal sequence and interaction with 6 beta-halogenopenicillanates. Joris B, et al. **Biochem J** 1985 May 15;228(1):241-8

The active site of the P99 beta-lactamase from Enterobacter cloacae. Joris B, et al. **Biochem J** 1984 Oct 1;223(1):271-4

Kinetic mechanism and location of rate-determining steps for aspartase from Hafnia alvei. Nuiry II, et al. **Biochemistry** 1984 Oct 23;23(22):5168-75

Evidence for nonspecific induction of beta-lactamase in overproducing variants of Enterobacter cloacae and Citrobacter freundii. Cullmann W, et al. **Eur J Clin Microbiol** 1985 Feb;4(1):34-40

Cefpirome (HR 810): lack of selection of beta-lactamase overproducing variants. Cullmann W, et al. **J Antibiot (Tokyo)** 1985 Jul;38(7):912-9

Inducible xylitol dehydrogenases in enteric bacteria. Doten RC, et al. **J Bacteriol** 1985 May;162(2):845-8

Immunological and structural relatedness of catabolic ornithine carbamoyltransferases and the anabolic enzymes of enterobacteria. Falmagne P, et al. **J Bacteriol** 1985 Feb; 161(2):714-9

Intergeneric homology of the speC gene encoding biosynthetic ornithine decarboxylase in Escherichia coli. Wright JM, et al. **J Bacteriol** 1984 Sep;159(3):1074-6

Detection of beta-glucuronidase in lactose-fermenting members of the family Enterobacteriaceae and its presence in bacterial urine cultures. Hansen W, et al. **J Clin Microbiol** 1984 Dec;20(6):1177-9

Enzymatic profiles of Enterobacter sakazakii and related species with special reference to the alpha-glucosidase reaction and reproducibility of the test system. Muytjens HL, et al. **J Clin Microbiol** 1984 Oct;20(4):684-6

[Proteolytic activity of the microflora of meat] Enikova R, et al. **Vet Med Nauki** 1984;21(10):67-74 (Eng. Abstr.) **(Bul)**

[Isolation and properties of beta-lactamase of the cephalosporinase type from cells of Enterobacter aerogenes 6803] Sazykin AIu, et al. **Antibiotiki** 1984 Nov;29(11):810-4 (Eng. Abstr.) **(Rus)**

GENETICS

Plasmid-mediated fosfomycin resistance is due to enzymatic modification of the antibiotic. Llaneza J, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):163-4

Plasmid-determined cloacin DF13-susceptibility in Enterobacter cloacae and Klebsiella edwardsii; identification of the cloacin DF13/aerobactin outer membrane receptor proteins. Krone WJ, et al. **Antonie Van Leeuwenhoek** 1985;51(2):203-18

Frequency of plasmid-determined beta-lactamases in 680 consecutively isolated strains of Enterobacteriaceae [letter] Roy C, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):146-7

Cloning and expression in Escherichia coli K-12 of the structural gene for outer membrane PhoE protein from Enterobacter cloacae. Verhoef C, et al. **Gene** 1984 Dec; 32(1-2):107-15

Construction and comparison of recombinant plasmids encoding type 1 fimbriae of members of the family Enterobacteriaceae. Clegg S, et al. **Infect Immun** 1985 May; 48(2):275-9

Frequency among Enterobacteriaceae of the DNA sequences encoding type 1 pili. Buchanan K, et al. **J Bacteriol** 1985 May;162(2):799-803

Restriction endonuclease analysis of the ilvGEDA operon of members of the family Enterobacteriaceae. Driver RP, et al. **J Bacteriol** 1985 Jun;162(3):1317-9

Dissemination of gentamicin-resistant plasmids among strains of Enterobacteriaceae. Takahashi S, et al. **J Hosp Infect** 1985 Mar;6(1):46-59

Trimethoprim resistance in multiple genera of Enterobacteriaceae at a U.S. hospital: spread of the type II dihydrofolate reductase gene by a single plasmid. Mayer KH, et al. **J Infect Dis** 1985 May;151(5):783-9

Development of a DNA probe for the structural gene of the 2'-O-adenyltransferase aminoglycoside-modifying enzyme. Tenover FC, et al. **J Infect Dis** 1984 Nov; 150(5):678-87

Contribution of the traT gene to serum resistance among clinical isolates of enterobacteriaceae. Kanukollu U, et al. **J Med Microbiol** 1985 Feb;19(1):61-7

DNA sequence analysis of the Serratia marcescens ompA gene: implications for the organisation of an enterobacterial outer membrane protein. Braun G, et al. **MGG** 1984; 195(1-2):321-8

Evidence for clustering of RNA polymerase and ribosomal protein genes in six species of Enterobacteria. Tittawella IP. **MGG** 1984;195(1-2):215-8

Differences in mutagenic and recombinational DNA repair in enterobacteria. Sedgwick SG, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4172-6

[R-factors of mercury resistance in bacteria isolated in the mercury-antimony deposit region] Khesin RB. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):505-15 (Eng. Abstr.) **(Rus)**

[The conjugation system determined by plasmid R477 and other plasmids belonging to the H2 incompatibility group] Cavazza ME, et al. **Rev Latinoam Microbiol** 1984 Jan-Mar; 26(1):61-8 (Eng. Abstr.) **(Spa)**

GROWTH & DEVELOPMENT

Anaerobic incubation of membrane filter cultures for improved detection of fecal coliforms from recreational waters. Doyle JD, et al. **Appl Environ Microbiol** 1984 Aug; 48(2):324-6

Evaluation of m-T7 agar as a fecal coliform medium. LeChevallier MW, et al. **Appl Environ Microbiol** 1984 Aug; 48(2):371-5

Colonization of the jejunum with aerobe-anaerobe facultative bacteria and its significance in infantile disease. Ivanof DS, et al. **Arch Roum Pathol Exp Microbiol** 1984 Jan-Mar; 43(1):31-7

Mechanism of cross-contamination of blood culture bottles in outbreaks of pseudobacteremia associated with nonsterile blood collection tubes. McNeil MM, et al. **J Clin Microbiol** 1985 Jul;22(1):23-5

Ciprofloxacin for selective decontamination of the alimentary tract in patients with acute leukemia during remission induction treatment: the effect on fecal flora. Rozenberg-Arska M, et al. **J Infect Dis** 1985 Jul;

152(1):104-7

Experimental intestinal microflora in mice with a changeable population size of E. coli. Gosse C, et al. **Prog Clin Biol Res** 1985;181:175-7

Bacterial overgrowth. Bjørneklett A, et al. **Scand J Gastroenterol [Suppl]** 1985;109:123-32

[Survival time of enterobacteria and enteroviruses in activated sludge-fertilized soils] Möller F, et al. **Z Gesamte Hyg** 1985 Apr;31(4):237-41 (Eng. Abstr.) (Ger)

IMMUNOLOGY

Oral vaccination against enteric bacterial infections: an overview. Germanier R. **Behring Inst Mitt** 1984 Nov;(76):98-105

The enterobacterial common-antigen, a cyclic polysaccharide. Dell A, et al. **Carbohydr Res** 1984 Oct 1;133(1):95-104

Enzyme immunoassay for the quantitation of human immunoglobulin G specific for the glycolipid of Enterobacteriaceae. Stevens P, et al. **Diagn Microbiol Infect Dis** 1984 Sep;2(4):277-86

Modulation of in vitro natural cell-mediated activity against enteropathogenic bacteria by simple sugars. Nencioni L, et al. **Infect Immun** 1985 Feb;47(2):534-9

Persistence of HLA-B27 cross-reactive bacteria in bowel flora of patients with ankylosing spondylitis. Prendergast JK, et al. **Infect Immun** 1984 Dec;46(3):686-9

Antigenic polymorphism of the LamB protein among members of the family Enterobacteriaceae. Bloch MA, et al. **J Bacteriol** 1985 Jul;163(1):106-10

Biosynthesis of enterobacterial common antigen. Rick PD, et al. **J Bacteriol** 1985 May;162(2):494-503

Fimbrial and non-fimbrial haemagglutinins in Enterobacter aerogenes. Adegbola RA, et al. **J Med Microbiol** 1985 Feb;19(1):35-43

Antigenic relationships among type-3 fimbriae of Enterobacteriaceae revealed by immunoelectronmicroscopy. Old DC, et al. **J Med Microbiol** 1985 Aug;20(1):113-21

Immunological relationships between Salmonella flagellins and between these and flagellins from other species of Enterobacteriaceae. Ibrahim GF, et al. **Med Microbiol Immunol (Berl)** 1985;174(2):101-13

Composition of O-antigenic lipopolysaccharides from Enterobacter cloacae. White PJ, et al. **Microbiol Immunol** 1984;28(11):1169-79

[Isolation of protective antigenic fractions from bacteria of the intestinal group: a review of foreign patents] Ivanov VM. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jan;(1):14-9 (18 ref.) (Rus)

ISOLATION & PURIFICATION

A prospective study of swimming-related illness. II. Morbidity and the microbiological quality of water. Seyfried PL, et al. **Am J Public Health** 1985 Sep;75(9):1071-5

Analysis of sample preparation procedures for enumerating fecal coliforms in coarse southwestern U.S. bottom sediments by the most-probable-number method. Doyle JD, et al. **Appl Environ Microbiol** 1984 Oct;48(4):881-3

Detection of false-positives among total and fecal coliform counts by factorial analysis of correspondence. Joncas M, et al. **Appl Environ Microbiol** 1985 Jan;49(1):229-31

Interactions between heterotrophic plate count bacteria and coliform organisms. LeChevallier MW, et al. **Appl Environ Microbiol** 1985 May;49(5):1338-41

Bacterial reduction of fensulfothion and its hydrolysis product 4-methylsulfinyl phenol. Mac Rae IC, et al. **Appl Environ Microbiol** 1985 Jan;49(1):236-7

Elimination of viruses and indicator bacteria at each step of treatment during preparation of drinking water at seven water treatment plants. Payment P, et al. **Appl Environ Microbiol** 1985 Jun;49(6):1418-28

Characterization of the coliform and enteric bacilli in the environment of calves with colibacillosis. Plews PI, et al. **Appl Environ Microbiol** 1985 Apr;49(4):949-54

Comparison of methods of enumerating coliforms after UV disinfection. Qualls RG, et al. **Appl Environ Microbiol** 1984 Oct;48(4):699-701

Recreational water quality analyses of the Colorado River corridor in Grand Canyon. Tunnicliff B, et al. **Appl Environ Microbiol** 1984 Nov;48(5):909-17

Improved recovery of fecal coliforms from the Ottawa River by membrane filters in the presence of food debris. Farber JM, et al. **Can J Microbiol** 1985 Jan;31(1):16-8

Salmonellae and pollution indicator bacteria in municipal and food processing effluents and the Cornwallis River. Menon AS. **Can J Microbiol** 1985 Jul;31(7):598-603

The gastro-oral pathway of intestinal bacteria after head and neck cancer surgery. Swift AC, et al. **Clin Otolaryngol** 1984 Oct;9(5):263-9

Changes during travel in the composition and antibiotic resistance pattern of the intestinal Enterobacteriaceae flora: results from a study of mecillinam prophylaxis against travellers' diarrhoea. Gaarslev K, et al. **Curr Med Res Opin** 1985;9(6):384-7

Isolation of Moellerella wisconsensis from an infected human gallbladder [letter] Wittke JW, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):351-2

Comparison of six systems for the identification of Enterobacteriaceae. Mastroeni P, et al. **G Batteriol Virol Immunol** 1983 Jan-Jun;76(1-6):3-19

Bacterial contamination of oral rehydration solution. Venkateswarlu K, et al. **Indian Pediatr** 1984 Sep;21(9):707-11

The scope and limitations of four methods for the rapid identification of Enterobacteriaceae in foods. Villagarcia N. **J Appl Bacteriol** 1985 Feb;58(2):123-9

Evaluation of the Quantum II and Rapid E identification systems. Murray PR, et al. **J Clin Microbiol** 1984 Sep;20(3):509-14

Comparison of the API rapid E four-hour system with the API 20E overnight system for the identification of routine clinical isolates of the family Enterobacteriaceae. Overman TL, et al. **J Clin Microbiol** 1985 Apr;21(4):542-5

Three-year prospective study of intestinal pathogens in Madrid, Spain. Velasco AC, et al. **J Clin Microbiol** 1984 Aug;20(2):290-2

Colonization of hospitalized patients by Staphylococcus aureus, Staphylococcus epidermidis and enterococci. Crossley KB, et al. **J Hosp Infect** 1985 Jun;6(2):179-86

Enterobacter sakazakii: a tween 80 esterase-positive representative of the genus Enterobacter isolated from powdered milk specimens. Postupa R, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(4):435-40

The microbiology of cooked prawns and shrimps on retail sale. Greenwood MH, et al. **J Hyg (Lond)** 1985 Jun;94(3):319-26

Bacterial translocation and gram-negative bacteremia in patients with hematological malignancies. Tancrède CH, et al. **J Infect Dis** 1985 Jul;152(1):99-103

Comparison of methods for the enumeration of fecal coliforms exposed to certain synfuel process waters. Adams JC. **Microbiologica** 1985 Jan;8(1):79-83

Detection of elevated levels of coliform bacteria in a public water supply—Connecticut. **MMWR** 1985 Mar 15;34(10):142-4

Antibiotic-resistant coliforms in the waste of piggeries and dairy farms. Hanzawa Y, et al. **Nippon Juigaku Zasshi** 1984 Jun;46(3):363-72

beta-GUI: a new differential medium for the identification of Enterobacteriaceae. Thaller MC, et al. **Nuovi Ann Ig Microbiol** 1983 Sep-Oct;34(5):363-71

Bacteriological findings regarding the hygienic safety of poultry litter intended as an ingredient of feeds for ruminants. Ogonowski K, et al. **Onderstepoort J Vet Res** 1984 Dec;51(4):249-52

Isolation of Edwardsiella tarda and Plesiomonas shigelloides from mammals and birds in Zaïre. Van Damme LR, et al. **Rev Elev Med Vet Pays Trop** 1984;37(2):145-51

Cholecystitis associated with Enterobacter agglomerans. Nilakul C, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun;15(2):270-3

Determination of coliform bacteria in foods using pre-incubation. **Z Lebensm Unters Forsch** 1984 Dec;179(6):458-9

[Evaluation of results in the identification of various aerobic gram-negative bacteria in selected bacteriological laboratories in Poland] Kałużewski S, et al. **Med Dosw Mikrobiol** 1984;36(3):153-77 (Eng. Abstr.) (Pol)

[Sanitary-hygienic evaluation of swimming pools in Bydgoszcz based on studies of water quality. I. Microbiological studies] Doboszyńska B, et al. **Rocz Panstw Zakl Hig** 1985;36(1):76-82 (Eng. Abstr.) (Pol)

[Analysis of bacterial pollution indicators in the Anil and Bacanga Rivers, on the Island of St. Louis, State of Maranhão, Brazil] Lee Liao PS, et al. **Rev Saude Publica** 1984 Aug;18(4):278-87 (Eng. Abstr.) (Por)

[Sanitary-microbiological characteristics of South Atlantic seawater] Grigor'ev IuI, et al. **Gig Sanit** 1985 Jan;(1):16-8 (Eng. Abstr.) (Rus)

[Sanitary-microbiological studies of salmon and water in Kamchatka fishing areas] Grigor'ev IuI, et al. **Gig Sanit** 1985 Feb;(2):65-7 (Rus)

[Microbial contamination of seaside recreation areas and detection of risk factors for infectious diseases] Korchak GI, et al. **Gig Sanit** 1985 May;(5):16-20 (Eng. Abstr.) (Rus)

[Study of the bacterial population of distilled water] Parkhomenko LV, et al. **Gig Sanit** 1985 Jan;(1):6-9 (Eng. Abstr.) (Rus)

[Quantitative and qualitative changes in opportunistic intestinal microflora in humans during long-term hypokinesia] Polikarpov NA, et al. **Kosm Biol Aviakosm Med** 1984 Nov-Dec;18(6):81-3 (Rus)

[A system for the accelerated biochemical identification of enterobacteria] Sivolodskiĭ EP, et al. **Voen Med Zh** 1984 Sep;(9):37-40 (Rus)

[Strains of the family Enterobacteriaceae isolated from chronic bacterial carriers of Salmonella typhi and Salmonella schottmuelleri and from healthy persons] Dombrovskiĭ AM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec;(12):40-4 (Eng. Abstr.) (Rus)

[Frequency of enteropathogenic micro-organisms isolated in children with and without acute diarrhea] Alvarado-Alemán F, et al. **Bol Med Hosp Infant Mex** 1985 Jun;42(6):354-9 (Eng. Abstr.) (Spa)

[Bacteriological study of bivalves of the Gulf of Nicoya, Costa Rica. II. State of the mollusk at the time of eating it] Fernández B, et al. **Rev Biol Trop** 1983 Nov;31(2):311-6 (Eng. Abstr.) (Spa)

[Microbiological quality of frozen Pleuronectiformes fish] Marín Villarejo MC, et al. **Rev Sanid Hig Publica (Madr)** 1983 Sep-Oct;57(9-10):933-41 (Eng. Abstr.) (Spa)

METABOLISM

Detection of microcin production by Enterobacteriaceae. Rodríguez Lemoine V. **Acta Cient Venez** 1984;35(5-6):451-2

Bacterial reduction of fensulfothion and its hydrolysis product 4-methylsulfinyl phenol. Mac Rae IC, et al. **Appl Environ Microbiol** 1985 Jan;49(1):236-7

Oxalobacter formigenes gen. nov., sp. nov.: oxalate-degrading anaerobes that inhabit the gastrointestinal tract. Allison MJ, et al. **Arch Microbiol** 1985 Feb;141(1):1-7

N-nitrosamine formation by intestinal bacteria. Suzuki K, et al. **IARC Sci Publ** 1984;(57):275-81

Mutagenic activation of biliary metabolites of 1-nitropyrene by intestinal microflora. Morotomi M, et al. **Mutat Res** 1985 Apr;149(2):171-8

Biochemical changes during valine production by Aerobacter aerogenes. Mukhopadhyay AK, et al. **Zentralbl Mikrobiol** 1985;140(2):107-9

Mineral nutrition of Aerobacter aerogenes for valine production in a synthetic medium. Mukhopadhyay AK, et al. **Zentralbl Mikrobiol** 1985;140(2):103-6

PATHOGENICITY

The binding to human lymphocytes of arthritogenic and non-arthritogenic bacteria. Robinson S, et al. **Clin Exp Rheumatol** 1983 Jul-Sep;1(3):211-4

The variable response of bacteria to free haemoglobin in the tissues. Maskell JP, et al. **J Med Microbiol** 1984 Dec;18(3):377-84

Invasiveness of enteropathogenic bacteria. Effect of some host cell modulating agents on bacterial invasiveness. Bukholm G. **J Oslo City Hosp** 1985 Apr-May;35(4-5):49-68

PHYSIOLOGY

Survey of drug and phage resistance and colicin and hemolysin production among coliforms isolated in the Ivory Coast. Trudel L, et al. **Appl Environ Microbiol** 1984 Oct;48(4):905-7

Increased translocation of bacteria from the gastrointestinal tracts of tumor-bearing mice. Penn RL, et al. **Infect Immun** 1985 Mar;47(3):793-8

Killing capacity of human polymorphonuclear leukocytes in aerobic and anaerobic conditions. Vel WA, et al. **J Med Microbiol** 1984 Oct;18(2):173-80

[Attachment of horse cecum Ciliata to plant fragments. Degradation of chloroplasts. Attachment of bacteria to cecal Ciliata] Bonhomme-Florentin A. **Reprod Nutr Dev** 1985;25(1A):127-39 (Eng. Abstr.) (Fre)

RADIATION EFFECTS

Effect of microwave energy on the metabolism of Enterobacteriaceae. Spencer RC, et al. **J Med Microbiol** 1985 Apr;19(2):269-72

ULTRASTRUCTURE

Fimbriation in relation to hydrophobicity of bacteria in urinary tract infections [letter] Ljungh A, et al. **Eur J Clin Microbiol** 1984 Dec;3(6):568-70

ENTEROBACTERIACEAE INFECTIONS

Reactive arthritis. Aho K, et al. **Clin Rheum Dis** 1985 Apr;11(1):25-40 (56 ref.)

Enterobacter. Ristuccia PA, et al. **Infect Control** 1985 Mar;6(3):124-8

Brain abscess due to Streptobacillus moniliformis and Actinobacterium meyerii. Dijkmans BA, et al. **Infection** 1984 Jul-Aug;12(4):262-4

Crepitant cellulitis due to Enterobacter aerogenes. Michowitz M, et al. **Isr J Med Sci** 1985 Jun;21(6):546-7

Treatment of cerebrospinal fluid and syringosubarachnoid shunt infection with systemic and intrathecal antibiotics. Tomaszek DE, et al. **Neurosurgery** 1985 Aug;17(2):327-8

Extraction of an intravascularized pacemaker lead—a new approach to an unusual problem. Schwartz AB, et al. **PACE** 1984 Nov;7(6 Pt 1):999-1003

Multiple enteric pathogens in hospitalized pediatric patients with autumn gastroenteritis. Leggiadro RJ, et al. **Pediatr Infect Dis** 1985 Jan-Feb;4(1):109

Botryomycosis caused by Serratia marcescens. Valainis GT, et al. **South Med J** 1984 Nov;77(11):1475

[Developmental aspect of renal suppurations. Apropos of 2 cases] Le Duc A, et al. **Ann Urol (Paris)** 1984 Jun-Jul;18(4):274-6 (Eng. Abstr.) (Fre)

[Fatal Citrobacter freundii bronchopneumonia acquired in the community in an uncompromised patient (letter)] Marco Sánchez F, et al. **Rev Clin Esp** 1985 Apr;176(6):320

(Spa)

COMPLICATIONS

Neonatal Citrobacter meningitis: pathogenesis of cerebral abscess formation. Foreman SD, et al. **Ann Neurol** 1984 Dec;16(6):655–9

Enterobacter cloacae ulceration in a failed corneal graft: a case report. Gross ND, et al. **Br J Ophthalmol** 1985 Jul;69(7):542–4

Ureolytic Citrobacter freundii infection of the urine as a cause of dissolution of cystine renal calculi. Gutierrez Millet V, et al. **J Urol** 1985 Mar;133(3):443–6

Citrobacter diversus meningitis and brain abscess associated with bacteroides melaninogenicus. Arthur JD, et al. **Pediatr Infect Dis** 1984 Nov–Dec;3(6):592–3

[Incidence of developmental anomalies and inflammatory conditions in the urinary tract of children with nocturnal enuresis] Kozielec T, et al. **Pol Tyg Lek** 1984 Jul 9;39(28):939–41 (Eng. Abstr.) **(Pol)**

[Toxic encephalopathy caused by enterobacteria. Its possible relation to hyperammonemia and hypophosphatemia (letter)] Labay Matías MV, et al. **Med Clin (Barc)** 1985 Jun 8;85(2):80 **(Spa)**

DIAGNOSIS

Case report 298. Osteomyelitis of the left clavicle due to Serratia marcescens. Quinn SF, et al. **Skeletal Radiol** 1985;13(1):80–3

[Value of bronchofibroscopy in the bacteriological diagnosis of pneumonia. Description of the method and preliminary results] Nikodemowicz E, et al. **Pneumonol Pol** 1984 Nov–Dec;52(11–12):535–7 (Eng. Abstr.) **(Pol)**

[Pneumonia caused by gram-negative bacteria. Diagnostic and prognostic aspects] Sosnowski W, et al. **Pneumonol Pol** 1984 Jun;52(6):265–71 (Eng. Abstr.) **(Pol)**

[Current clinical problems of urinary tract infections] Manitius A. **Pol Arch Med Wewn** 1984 Jun;71(6):373–82 (47 ref.) **(Pol)**

[Clinico-bacteriological characteristics of gram-negative infection in burns] Sologub VK, et al. **Klin Med (Mosk)** 1985 Feb;63(2):113–8 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Enoxacin compared with cefoperazone for the treatment of experimental Enterobacter aerogenes endocarditis. Boscia JA, et al. **Antimicrob Agents Chemother** 1985 May;27(5):708–11

Occurrence of cefotaxime-resistant Enterobacter during therapy of cardiac surgery patients. Weinstein RA. **Chemioterapia** 1985 Feb;4(1):110–2

Cefotaxime effects on the intestinal flora of the newborn. Bourrillon A, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:144–9

The place of temocillin in the treatment of hospital infections. Williams JD, et al. **Drugs** 1985;29 Suppl 5:234–9

Antibacterial activity of ciprofloxacin in conventional tests and in a model of bacterial cystitis. Greenwood D, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):351–4

Treatment of Pseudomonas and Serratia infections with ceftazidime. Bergin CJ, et al. **J Antimicrob Chemother** 1985 May;15(5):613–21

Efficacy of norfloxacin in urinary tract infection biological effects on vaginal and fecal flora. Schaeffer AJ, et al. **J Urol** 1985 Apr;133(4):628–30

Multiple beta-lactam resistance in Enterobacter cloacae following ceftazidime monotherapy [letter] Black AS, et al. **Lancet** 1985 Aug 10;2(8450):331–2

Initial therapy of enterococcal endophthalmitis and bacterial eye infections: case report. McClain JB, et al. **Milit Med** 1985 Jan;150(1):40–2

Selective inhibition of enterobacteriaceae in fecal flora of children by oral trimethoprim-sulfamethoxazole. Fujita K, et al. **Pediatr Infect Dis** 1984 Nov–Dec;3(6):530–3

Single-dose regimen of cefonicid for the treatment of uncomplicated infections of the lower urinary tract. Morgan SI, et al. **Rev Infect Dis** 1984 Nov–Dec;6 Suppl 4:S844–6

[A combination of amoxycillin with clavulanic acid (Augmentin) in various types of urinary tract infections caused by microbes producing beta-lactamase] Prát V, et al. **Cas Lek Cesk** 1985 Jun 7;124(23):711–4 **(Cze)**

[Treatment of respiratory and urinary tract infections with low doses of mezlocillin] Polubiec A, et al. **Pol Tyg Lek** 1985 Jan 28;40(4):93–5 (Eng. Abstr.) **(Pol)**

[Ciprofloxacin—a new antibacterial drug] Lewandowski A. **Wiad Lek** 1985 May 1;38(9):649–52 (27 ref.) (Eng. Abstr.) **(Pol)**

[Gentamicin resistance in clinical strains of microorganisms: genetic control and biochemical mechanisms of resistance] Abadzhieva AN, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):65–75 (102 ref.) **(Rus)**

[Use of antibioticograms for individual programs of antibacterial therapy] Navashin SM, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):212–21 (Eng. Abstr.) **(Rus)**

[Antibacterial treatment of acute cholecystitis in middle-aged and aged patients] Dudenko GI, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):35–7 (Eng. Abstr.) **(Rus)**

[Use of glucocorticosteroids in infectious endocarditis] Chipigina NS, et al. **Revmatologiia (Mosk)** 1984 Oct–Dec;(4):24–30 (Eng. Abstr.) **(Rus)**

[Clinical study of the effectiveness and safety of cefadroxil] Dzúriková V, et al. **Bratisl Lek Listy** 1985 Aug;84(2):175–84 (Eng. Abstr.) **(Slo)**

ETIOLOGY

Pacemaker endocarditis: contribution of two-dimensional echocardiography. Daelemans R, et al. **Acta Cardiol (Brux)** 1984;39(4):293–9

Serratia: a problem in a neonatal nursery. Fitzgerald P, et al. **Aust Paediatr J** 1984 Aug;20(3):205–7

Intravenous fluid contamination, Aegean-style. Goldmann DA. **Infect Control** 1984 Oct;5(10):469–70

Enterobacter sepsis in infants and children due to contaminated intravenous fluids. Matsaniotis NS, et al. **Infect Control** 1984 Oct;5(10):471–7

Enterobacter mediastinitis following cardiac surgery. Palmer DL, et al. **Infect Control** 1985 Mar;6(3):115–9

Septicemia secondary to administration of a contaminated intravenous fluid. Lieblich SE, et al. **J Oral Maxillofac Surg** 1984 Oct;42(10):680–2

A case of platelet transfusion-related Serratia marcescens sepsis. Van Lierde S, et al. **Pediatr Infect Dis** 1985 May–Jun;4(3):293–5

Secondary peritonitis—a major clinical problem. Giercksky KE. **Scand J Gastroenterol [Suppl]** 1984;100:3–5

Enterococcal endocarditis after sigmoidoscopy [letter] Murray JL. **West J Med** 1984 Nov;141(5):689–90

[Bacteremia and sepsis as sequelae of suction biopsy of the rectal mucosa] Schwöbel M, et al. **Z Kinderchir** 1984 Dec;39(6):386–8 (Eng. Abstr.) **(Ger)**

[Intraperitoneal abscesses] Kamiński P, et al. **Pol Tyg Lek** 1984 Sep 10;39(37):1233–6 (Eng. Abstr.) **(Pol)**

[Diarrhea in tourists] Radbil' OS, et al. **Sov Med** 1985;(2):33–7 (34 ref.) **(Rus)**

IMMUNOLOGY

Analysis of protective mechanisms against infection by Serratia marcescens. Okada K. **J Clin Lab Immunol** 1985 Apr;16(4):183–90

MICROBIOLOGY

A nosocomial epidemic of Serratia liquefaciens urinary tract infection after cystometry. Serruys-Schoutens E, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):316–7

Isolation of Moellerella wisconsensis from an infected human gallbladder [letter] Wittke JW, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):351–2

Rapid microbiochemical method for presumptive identification of gastroenteritis-associated members of the family Enterobacteriaceae. Yong DC, et al. **J Clin Microbiol** 1985 Jun;21(6):914–8

Colonization of hospitalized patients by Staphylococcus aureus, Staphylococcus epidermidis and enterococci. Crossley KB, et al. **J Hosp Infect** 1985 Jun;6(2):179–86

Nosocomial infections due to Serratia marcescens. Deodhar LP, et al. **J Postgrad Med** 1984 Apr;30(2):89–90

Escherichia vulneris: isolation and treatment. Dye KR, et al. **South Med J** 1984 Dec;77(12):1607

Combination effect of cefmenoxime with four aminoglycosides on Enterobacteriaceae susceptible and moderately susceptible to this new cephalosporin. Husson MO, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug;257(3):383–7

Survey of resistance to metals and volatilization activity of Hg-resistant R plasmids in Citrobacter isolated from clinical lesions in Japan. Nakahara H, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug;257(3):400–8

[Serratia marcescens in a neonatal intensive care unit—a 5-year analysis] Hammer H. **Padiatr Grenzgeb** 1984;23(5):299–303 (Eng. Abstr.) **(Ger)**

['New' taxa in the Enterobacteriaceae family and possibilities fo their identification in clinico-bacteriologic laboratories] Fischer R. **Z Gesamte Hyg** 1984 Aug;30(8):450–5 (Eng. Abstr.) **(Ger)**

[Clinical significance of Citrobacter isolates] Igari J, et al. **Kansenshogaku Zasshi** 1984 Sep;58(9):820–6 (Eng. Abstr.) **(Jpn)**

[Bacterial flora and its sensitivity to antibiotics in urinary tract infections in children] Szozda G, et al. **Probl Med Wieku Rozwoj** 1984;13:59–67 (Eng. Abstr.) **(Pol)**

[Sensitivity to antibiotics of bacterial flora isolated under aerobic conditions in cases of acute odontogenic perimaxillary inflammation] Wizimirska J, et al. **Wiad Lek** 1984 Mar 15;37(6):423–9 (Eng. Abstr.) **(Pol)**

[Effect of human immunoglobulins on mouse intestinal microflora in dysbacteriosis] Glad'ko IA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):54–7 (Eng. Abstr.) **(Rus)**

MORTALITY

Mortality associated with enterococcal bacteremia. Bryan CS, et al. **Surg Gynecol Obstet** 1985 Jun;160(6):557–61

OCCURRENCE

Enterobacter bacteremia. An analysis of 50 episodes. Bouza E, et al. **Arch Intern Med** 1985 Jun;145(6):1024–7

Bacteremia in a Swedish university hospital: a one-year prospective study in 1981 and a comparison with 1975–76. Ljungman P, et al. **Infection** 1984 Jul–Aug;12(4):243–7

Endemic Serratia marcescens infection in a neonatal intensive care nursery associated with gastrointestinal colonization. Newport MT, et al. **Pediatr Infect Dis** 1985 Mar–Apr;4(2):160–7

PATHOLOGY

Infectious eccrine hidradenitis in a patient undergoing hemodialysis [letter] Moreno A, et al. **Arch Dermatol** 1985 Sep;121(9):1106–7

Malakoplakia of the pelvic peritoneum in pregnancy. Case report. Rose G, et al. **Br J Obstet Gynaecol** 1985 Feb;92(2):170–2

PREVENTION & CONTROL

Oral vaccination against enteric bacterial infections: an overview. Germanier R. **Behring Inst Mitt** 1984 Nov;(76):98–105

[Use of protective factors in products for child nutrition] Blokhina IN. **Vopr Pitan** 1984 Nov–Dec;(6):7–11 (38 ref.) **(Rus)**

[Protective action of a corpuscular polyvalent Pseudomonas aeruginosa vaccine against representative enterobacteria] Vetkova LG, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):26–30 (Eng. Abstr.) **(Rus)**

THERAPY

Percutaneous aspiration and drainage of an infected renal cyst. Morris AD, et al. **Br J Urol** 1984 Apr;56(2):227–8

[Animal experiment studies of the synergism between acylureido- penicillins and immunoglobulin G] Dalhoff A. **Immun Infekt** 1984 Feb;12(1):64–8 (Eng. Abstr.) **(Ger)**

[Effect of hyperbaric oxygenation on delayed hypersensitivity and antibody formation in patients with peritonitis] Belokurov IuN, et al. **Vestn Khir** 1984 Aug;133(8):45–9 (Eng. Abstr.) **(Rus)**

VETERINARY

Serratia marcescens septicaemia in a neonatal Arabian foal. Shaftoe S. **Equine Vet J** 1984 Jul;16(4):389–92

Environmental pathogens and intramammary infection during the dry period. Smith KL, et al. **J Dairy Sci** 1985 Feb;68(2):402–17

Isolation and drug sensitivity of bacteria from piglet diarrhoea. Sarma DK, et al. **J Diarrhoeal Dis Res** 1984 Sep;2(3):174–5

Pathology associated with a natural Edwardsiella ictaluri infection in channel catfish (Ictalurus punctatus Rafinesque). Jarboe HH, et al. **J Wildl Dis** 1984 Oct;20(4):352–4

ENTEROBIASIS see **OXYURIASIS**

ENTEROBIUS

ANATOMY & HISTOLOGY

[Morphological study of 2 pinworms parasitic in man: Enterobius vermicularis and E. gregorii] Hugot JP, et al. **Ann Parasitol Hum Comp** 1985;60(1):57–64 (Eng. Abstr.) **(Fre)**

ISOLATION & PURIFICATION

Appendiceal enterobiasis—its incidence and relationships to appendicitis. Stĕrba J, et al. **Folia Parasitol (Praha)** 1984;31(4):311–8

ULTRASTRUCTURE

[Scanning electron microscopy observations on Enterobius vermicularis ova] Wang SS. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):270 **(Chi)**

ENTEROCELE see **HERNIA**

ENTEROCHELIN see under **SERINE**

ENTEROCHROMAFFIN CELLS see under **CHROMAFFIN SYSTEM**

ENTEROCOLITIS

BLOOD

[Cytochemical characteristics of lymphocytes in patients with chronic enterocolitis] Mosalova NM. **Vrach Delo** 1985 Mar;(3):81–3 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Yersinia colitis associated with Crohn's disease. Treacher DF, et al. **Postgrad Med J** 1985 Feb;61(712):173–4

DIAGNOSIS

[Endoscopy and cryptogenic inflammatory enterocolitis] Mougenot JF, et al. **Ann Pediatr (Paris)** 1984 Oct;31(8):631–9 (121 ref.) (Eng. Abstr.) **(Fre)**

[Determination of intestinal inflammatory activity in Crohn disease using alpha 1-antitrypsin (letter)] Karbach U, et al. **Dtsch Med Wochenschr** 1985 May 10;110(19):778 (Ger)

[Characteristics of acute gastrointestinal diseases caused by S. java and other rare types of Salmonella group B in young children] Khalitova VI, et al. **Pediatriia** 1984 Dec;(12):36–7 (Rus)

DRUG THERAPY

Microbiological and clinical examinations supporting the effectivity of oxolinic acid (Gramurin) in the treatment of acute enterocolitis. Bán E, et al. **Ther Hung** 1982; 30(1):35–41

[Effectiveness of tobramycin in young children with Salmonella infection] Vereshchagin IA, et al. **Antibiotiki** 1984 Nov;29(11):866–9 (Eng. Abstr.) (Rus)

ETIOLOGY

Salmonella enteritidis enterocolitis: another cause of diarrhea and erythema nodosum. Grossman ME, et al. **Cutis** 1984 Oct;34(4):402–3

Gastrointestinal cryptosporidiosis and cytomegalovirus enterocolitis. Altman DF. **Front Radiat Ther Oncol** 1985; 19:88–90 (10 ref.)

Granulomatous enterocolitis induced in rats by purified bacterial cell wall fragments. Sartor RB, et al. **Gastroenterology** 1985 Sep;89(3):587–95

Milk- and soy protein-induced enterocolitis: evidence for lymphocyte sensitization to specific food proteins. Van Sickle GJ, et al. **Gastroenterology** 1985 Jun;88(6):1915–21

Persistence of colitis in Hirschsprung's disease. Lifschitz CH, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):291–3

Cryptosporidium enterocolitis in homosexual men with AIDS. Gerstoft J, et al. **Scand J Infect Dis** 1984;16(4):385–8

Campylobacter jejuni enterocolitis in Texas: a clinical and epidemiologic survey. Subramanyam K, et al. **Tex Med** 1984 Nov;80(11):44–6

[Intestinal occlusion and enterocolitis caused by Gelopectose] Mercier JC, et al. **Arch Fr Pediatr** 1984 Dec;41(10):709–10 (Eng. Abstr.) (Fre)

[Acute Cryptosporidium enteritis without immunologic weakness (letter)] Laukamm-Josten U, et al. **Dtsch Med Wochenschr** 1985 Jun 21;110(25):1014–5 (Ger)

IMMUNOLOGY

[Nonspecific immunity in Salmonella infection and Pelger-Huet anomaly] Komov DO, et al. **Pediatriia** 1984 Dec;(12):66 (Rus)

METABOLISM

[Disorders of water-electrolyte balance in children with severe forms of acute intestinal infection] Dienko GI, et al. **Pediatriia** 1984 Aug;(8):21–4 (Eng. Abstr.) (Rus)

MICROBIOLOGY

Experimental infection of hamsters with Campylobacter jejuni. Humphrey CD, et al. **J Infect Dis** 1985 Mar; 151(3):485–93

OCCURRENCE

[Incidence of diarrhea caused by toxin-producing Clostridium difficile in Hungary] Nagy E, et al. **Orv Hetil** 1985 Aug 4;126(31):1897–900 (Eng. Abstr.) (Hun)

[Enteroinvasive Escherichia coli as a cause of an enterocolitis epidemic in soldiers] Cobeljić M, et al. **Vojnosanit Pregl** 1985 Mar–Apr;42(2):88–91 (Eng. Abstr.) (Ser)

PATHOLOGY

[Enterocolitis in spontaneous cryptosporidiosis infections in calves] Vítovec J. **Vet Med (Praha)** 1984 Jul;29(7):411–7 (Eng. Abstr.) (Cze)

PHYSIOPATHOLOGY

Necrotizing enterocolitis: a review of animal models. Topalian SL, et al. **J Surg Res** 1984 Oct;37(4):320–36 (99 ref.)

[Parallel morphological and functional research on chronic enterocolitis patients using the authors' own method for the simultaneous performance of perfusion and biopsy of the small intestine] Stoĭnov S, et al. **Vutr Boles** 1985; 24(3):29–33 (Eng. Abstr.) (Bul)

PREVENTION & CONTROL

[Use of protective factors in products for child nutrition] Blokhina IN. **Vopr Pitan** 1984 Nov–Dec;(6):7–11 (38 ref.) (Rus)

RADIOGRAPHY

[Complex roentgenofunctional diagnosis of chronic enterocolitis] Antonovich VB, et al. **Vestn Rentgenol Radiol** 1985 Jan–Feb;(1):66–74 (Eng. Abstr.) (Rus)

VETERINARY

Lincomycin-associated enterocolitis in rabbits. Maiers JD, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):670–1

ENTEROCOLITIS, NECROTIZING see **ENTEROCOLITIS, PSEUDOMEMBRANOUS**

ENTEROCOLITIS, PSEUDOMEMBRANOUS

Necrotizing enterocolitis: a chronic colonic disease. Rubin SZ, et al. **Can J Surg** 1985 Mar;28(2):132–3, 137

Necrotizing enteritis associated with toxigenic type A Clostridium perfringens [letter] Van Kessel LJ, et al. **J Infect Dis** 1985 May;151(5):974–5

Neonatal necrotizing enterocolitis: an update. Dudgeon DL, et al. **South Med J** 1984 Nov;77(11):1389–92

[Pseudomembranous colitis] Scheurer U. **Schweiz Rundsch Med Prax** 1984 Aug 21;73(34):1027–32 (Eng. Abstr.) (Ger)

BLOOD

Necrotizing enterocolitis, hemolysis, and Clostridium perfringens [letter] Novak RW, et al. **Am J Dis Child** 1985 Feb;139(2):114–5

CHEMICALLY INDUCED

Antibiotic-associated pseudomembranous colitis. Amin NM. **Am Fam Physician** 1985 May;31(5):115–20

Chlorpropamide-induced cholestatic jaundice and pseudomembranous colitis. Gupta R, et al. **Am J Gastroenterol** 1985 May;80(5):381–3

Gas gangrene following antibiotic-associated enterocolitis in hereditary neutropenia. Grüter H. **Arch Anat Cytol Pathol** 1985;33(1):23–5

Clostridium difficile colitis following head and neck surgery. Report of cases. Griebie M, et al. **Arch Otolaryngol** 1985 Aug;111(8):550–3

Pseudomembranous colitis and wound infection following perioperative use of multiple antibiotics. Bohnen JM, et al. **Can J Surg** 1985 Sep;28(5):432–3

Cocaine colitis. Is this a new syndrome? Fishel R, et al. **Dis Colon Rectum** 1985 Apr;28(4):264–6

Clostridium difficile-associated diarrhoea during treatment with imipenem [letter] Colardyn F, et al. **Eur J Clin Microbiol** 1984 Dec;3(6):565–6

Complications with antibiotics used prophylactically in joint replacement surgery: a case report of cephradine-induced pseudomembranous colitis. Roberts AP, et al. **Int Orthop** 1985;8(4):299–302

Hyperosmolar oral medication and necrotizing enterocolitis [letter] Mutz AE, et al. **Pediatrics** 1985 Feb;75(2):371–2

Trimethoprim-sulfamethoxazole, pseudomembranous colitis, and spinal cord injury. Sugarman B. **South Med J** 1985 Jun;78(6):711–3

[Pseudomembranous colitis complicating treatment with injectable erythromycin (letter)] Detour B, et al. **Presse Med** 1985 May 25;14(21):1199 (Fre)

[Postpartum pseudomembranous colitis] Steudel HC, et al. **Internist (Berlin)** 1984 Dec;25(12):752–5 (Ger)

COMPLICATIONS

Endotoxinemia and thrombocytopenia during neonatal necrotizing enterocolitis. Scheifele DW, et al. **Am J Clin Pathol** 1985 Feb;83(2):227–9

Peritoneal neutrophilic cell response in necrotizing enterocolitis. Balcom RJ, et al. **Am J Dis Child** 1985 Jul; 139(7):701–4

Clostridium difficile in patients with cystic fibrosis. Welkon CJ, et al. **Am J Dis Child** 1985 Aug;139(8):805–8

Clinical and endoscopic findings in patients early in the course of clostridium difficile-associated pseudomembranous colitis. Gebhard RL, et al. **Am J Med** 1985 Jan;78(1):45–8

Clostridium difficile-associated diarrhoea [letter] Riley TV. **J Infect** 1985 Mar;10(2):179–80

Spontaneous endotoxinemia in premature infants: correlations with oral feeding and bowel dysfunction. Scheifele DW, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):67–74

Zinc deficiency in a preterm neonate with necrotizing enterocolitis. Harper JI, et al. **J R Soc Med** 1984;77 Suppl 4:40–1

Gastrointestinal adenovirus: an important cause of morbidity in patients with necrotizing enterocolitis and gastrointestinal surgery. Yolken RH, et al. **Pediatr Infect Dis** 1985 Jan–Feb;4(1):42–7

Fatal necrotizing enterocolitis in a neonate with DiGeorge syndrome. Agger WA, et al. **Wis Med J** 1984 Sep; 83(9):16–8

DIAGNOSIS

Sonographic detection of portal venous gas in infants with necrotizing enterocolitis. Merritt CR, et al. **AJR** 1984 Nov; 143(5):1059–62

Characterization and evaluation of immunochemical methods for the measurement of fecal alpha 1-antitrypsin. Buffone GJ, et al. **Am J Clin Pathol** 1985 Mar;83(3):326–30

Neonatal metrizamide gastrointestinal series in suspected necrotizing enterocolitis. Keller MS, et al. **Am J Dis Child** 1985 Jul;139(7):713–6

Pseudomembranous colitis in spinal cord injury. Johnson DK, et al. **Arch Phys Med Rehabil** 1985 Jun;66(6):394–6

Monoclonal and specific polyclonal antibodies for immunoassay of Clostridium difficile toxin A. Lyerly DM, et al. **J Clin Microbiol** 1985 Jan;21(1):12–4

Prediction of outcome following necrotizing enterocolitis in a neonatal surgical unit. Dykes EH, et al. **J Pediatr Surg** 1985 Feb;20(1):3–5

[Emergency situations in pathology of the left colon: validity of fibrosigmoidoscopy in differential diagnosis] Gabrielli F, et al. **Chir Ital** 1983 Oct;35(5):733–41 (Eng. Abstr.) (Ita)

DRUG THERAPY

Fusidic acid for the treatment of antibiotic-associated colitis induced by Clostridium difficile. Cronberg S, et al. **Infection** 1984 Jul–Aug;12(4):276–9

Treatment of pseudomembranous colitis and antibiotic-associated diarrhoea. Burdon DW. **J Antimicrob Chemother** 1984 Dec;14 Suppl D:103–9 (27 ref.)

Treatment of antibiotic-associated colitis with vancomycin. Fekety R, et al. **J Antimicrob Chemother** 1984 Dec;14 Suppl D:97–102

Treatment of Clostridium perfringens enterotoxin-associated diarrhoea with metronidazole. Borriello SP, et al. **J Infect** 1985 Jan;10(1):65–7

ETIOLOGY

Endotoxinemia and neonatal necrotizing enterocolitis [letter] Fumarola D. **Am J Clin Pathol** 1985 Sep;84(3):409

Necrotizing enterocolitis in the asphyxiated full-term infant. Goldberg RN, et al. **Am J Perinatol** 1983 Oct;1(1):40–2

Necrotizing enterocolitis with epidemic Staphylococcus in a neonatal intensive care unit. Liu RX, et al. **Chin Med J [Engl]** 1984 Apr;97(4):278–82

Antibiotic depression of evoked and spontaneous responses of opossum distal colonic muscularis mucosae in vitro: a factor in antibiotic-associated colitis? Percy WH, et al. **Gastroenterology** 1985 Apr;88(4):964–70

Fulminant pseudomembranous colitis occurring after colonoscopy. Patterson DJ, et al. **Gastrointest Endosc** 1984 Aug;30(4):249–53

Spontaneous pseudomembranous colitis not associated with Clostridium difficile. Dickinson RJ, et al. **J Infect** 1985 May;10(3):252–5

Necrotizing enterocolitis can be caused by polycythemic hyperviscosity in the newborn dog. LeBlanc MH, et al. **J Pediatr** 1984 Nov;105(5):804–9

Clostridial necrotizing enterocolitis. Kosloske AM, et al. **J Pediatr Surg** 1985 Apr;20(2):155–9

Fatal case of necrotizing enterocolitis associated with feeding concentrated infant formula [letter] Nelson GH, et al. **JAMA** 1985 Apr 5;253(13):1880

Pseudomembranous colitis following treatment of chronic prostatitis. Biggers RD. **Milit Med** 1985 Mar;150(3):154–5

More on necrotizing enterocolitis: pigbel in Papua New Guinea [letter] Davis MW. **N Engl J Med** 1984 Oct 25; 311(17):1126–7

Gastrointestinal injury in polycythemic term infants. Black VD, et al. **Pediatrics** 1985 Aug;76(2):225–31

Pathogenesis and prevention of necrotizing enterocolitis: a hypothesis based on personal observation and a review of the literature. Kosloske AM. **Pediatrics** 1984 Dec; 74(6):1086–92 (89 ref.)

Pseudomembranous colitis after kidney transplantation. Brzozowski R, et al. **Pol Arch Med Wewn** 1984 Jun; 71(6):383–7

Hypernatraemic dehydration and necrotizing enterocolitis. Clarke AJ, et al. **Postgrad Med J** 1985 Jan;61(711):65–6

Anorexia nervosa and necrotizing colitis. Kaye JC, et al. **Postgrad Med J** 1985 Jan;61(711):41–2

[2 cases of colitis caused by Clostridium difficile during antibiotic therapy] Dedola S, et al. **Boll Ist Sieroter Milan** 1982;61(4):357–62 (Eng. Abstr.) (Ita)

[Pseudomembranous colitis induced by clindamycin-lincomycin combination. Description of a clinical case] Cavanenghi D, et al. **Minerva Dietol Gastroenterol** 1985 Apr–Jun;31(2):343–5 (Eng. Abstr.) (Ita)

[Hemorrhagic colitis caused by antibiotic therapy] De Berardinis F, et al. **Minerva Dietol Gastroenterol** 1985 Apr–Jun;31(2):307–10 (Eng. Abstr.) (Ita)

[Necrotizing enteritis in infants] Sawa H, et al. **Wiad Lek** 1984 Apr 1;37(7):561–4 (Eng. Abstr.) (Pol)

IMMUNOLOGY

Hypothesis: neonatal necrotizing enterocolitis is caused by the acquisition of a pathogenic organism by a susceptible host infant. Bell MJ, et al. **Surgery** 1985 Mar;97(3):350–4

METABOLISM

Studies of stools from pseudomembranous colitis, rotaviral, and other diarrheal syndromes by frequency-pulsed electron capture gas-liquid chromatography. Brooks JB, et al. **J Clin Microbiol** 1984 Sep;20(3):549–60

Enteric protein loss in necrotizing enterocolitis as measured by fecal alpha 1-antitrypsin excretion. Shulman RJ, et al. **J Pediatr** 1985 Aug;107(2):287–9

MICROBIOLOGY

Clostridium difficile diarrhoea: a highly infectious organism. Bennett GC, et al. **Age Ageing** 1984 Nov;13(6):363-6

Bacterio-pharmacological activity of Saccharomyces boulardii in clindamycin-induced colitis in the hamster. Massot J, et al. **Arzneimittelforsch** 1984;34(7):794-7

Experimental cecitis in gnotoxenic chickens monoassociated with Clostridium butyricum strains isolated from patients with neonatal necrotizing enterocolitis. Popoff MR, et al. **Infect Immun** 1985 Mar;47(3):697-703

Reexamination by bacteriophage typing of Clostridium difficile strains isolated during a nosocomial outbreak [letter] Hächler H, et al. **J Clin Microbiol** 1984 Sep;20(3):604

Significance of stool toxin determination to Clostridium difficile diarrhoea. Chang TW. **J Diarrhoeal Dis Res** 1984 Mar;2(1):41-2

Antimicrobial agents and Clostridium difficile in acute enteric disease: epidemiological data from Sweden, 1980-1982. Aronsson B, et al. **J Infect Dis** 1985 Mar;151(3):476-81

Enteric colonization in sporadic neonatal necrotizing enterocolitis. Blakey JL, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):591-5

Coronavirus? [letter] **Pediatrics** 1984 Oct;74(4):560-2

Isolation and propagation of a human enteric coronavirus. Resta S, et al. **Science** 1985 Sep 6;229(4717):978-81

MORTALITY

Management and outcome of necrotizing enterocolitis. Kanto WP Jr, et al. **Clin Pediatr (Phila)** 1985 Feb;24(2):79-82

Necrotizing enterocolitis: factors affecting mortality in 101 surgical cases. Cikrit D, et al. **Surgery** 1984 Oct;96(4):648-55

OCCURRENCE

The role of host factors in an outbreak of necrotizing enterocolitis. Gaynes RP, et al. **Am J Dis Child** 1984 Dec;138(12):1118-20

Neonatal necrotizing enterocolitis at Kenyatta National Hospital. Musoke RN. **East Afr Med J** 1984 Apr;61(4):295-8

Diagnosis and epidemiology of Clostridium difficile enterocolitis in Sweden. Aronsson B, et al. **J Antimicrob Chemother** 1984 Dec;14 Suppl D:85-95

Relationship of prolonged pharmacologic serum levels of vitamin E to incidence of sepsis and necrotizing enterocolitis in infants with birth weight 1,500 grams or less. Johnson L, et al. **Pediatrics** 1985 Apr;75(4):619-38

PATHOLOGY

Acute segmental necrotizing enteritis in children. Kalani BP, et al. **Am J Dis Child** 1985 Jun;139(6):586-8

Clostridium difficile colitis. Rocca JM, et al. **Aust NZ J Med** 1984 Oct;14(5):606-10

Pathogenesis of pseudomembranous colitis. Pesce CM, et al. **Zentralbl Allg Pathol** 1985;130(1):45-50

[Endoscopic spectrum of pseudomembranous colitis] Huber M, et al. **Schweiz Rundsch Med Prax** 1984 Oct 30;73(44):1341-4 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Necrotizing entercolitis. Variables associated with the severity of disease. Barnard JA, et al. **Am J Dis Child** 1985 Apr;139(4):375-7

PREVENTION & CONTROL

Failure of delayed oral feedings to prevent necrotizing enterocolitis. Results of study in very-low-birth-weight neonates. LaGamma EF, et al. **Am J Dis Child** 1985 Apr;139(4):385-9

Prevention of clindamycin-induced mortality in hamsters by Saccharomyces boulardii. Toothaker RD, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):552-6

Gentamicin absorption during prophylactic use for necrotizing enterocolitis. Miranda JC, et al. **Dev Pharmacol Ther** 1984;7(5):303-6

The effect of pigbel vaccine [editorial] Davis MW. **Papua New Guinea Med J** 1985 Mar;28(1):1-2

[Evaluation of gentamicin as a prophylactic antibiotic in exchange transfusion] Vargas-Origel A, et al. **Bol Med Hosp Infant Mex** 1985 Apr;42(4):240-3 (Eng. Abstr.) **(Spa)**

RADIOGRAPHY

Gastrointestinal complications of gastroschisis. Blane CE, et al. **AJR** 1985 Mar;144(3):589-91

Post-ischemic bowel obstruction in the low-birth-weight infant. Singleton EB. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):465-6

Barium enema findings (? segmental colitis) in four neonates with bloody diarrhea--possible cow's milk allergy. Swischuk LE, et al. **Pediatr Radiol** 1985;15(1):34-7

[Radiography of the abdomen in pseudomembranous colitis] Aspestrand F, et al. **Tidsskr Nor Laegeforen** 1985 Feb 10;105(4):301 (Eng. Abstr.) **(Nor)**

RADIONUCLIDE IMAGING

Indium-111-oxine-labeled leukocyte imaging. Palace FM, et al. **J Med Soc NJ** 1984 Nov;81(11):959-63

Indium-111 leukocyte imaging in colitis induced by Clostridium difficile [letter] Asbill MC, et al. **J Nucl Med** 1985 Mar;26(3):315-6

SURGERY

Surgery of the ill, extremely low birthweight infant: should transfer to the operating theatre be avoided? Besag FM, et al. **Acta Paediatr Scand** 1984 Sep;73(5):594-5

Neutropenic enterocolitis in adults. Review of the literature and assessment of surgical intervention. Alt B, et al. **Am J Surg** 1985 Mar;149(3):405-8

Surgical therapy for necrotizing enterocolitis. Ricketts RR. **Ann Surg** 1984 Nov;200(5):653-7

Reconstitution of intestinal continuity after resection for neonatal necrotizing enterocolitis. Cogbill TH, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):330-4

Surgery of necrotizing enterocolitis. Kosloske AM. **World J Surg** 1985 Apr;9(2):277-84

[Anesthetic management of necrotizing enterocolitis in very small premature infants--report of three cases] Fukumitsu K, et al. **Masui** 1984 Aug;33(8):894-9 (Eng. Abstr.) **(Jpn)**

THERAPY

Management of antibiotic-associated pseudomembranous colitis. Gross MH. **Clin Pharm** 1985 May-Jun;4(3):304-10 (60 ref.)

Laboratory basis for the medical management of necrotizing enterocolitis (NEC). Katz S, et al. **J Pediatr Surg** 1984 Aug;19(4):362-3

Experiences on necrotizing enterocolitis in neonates and young infants in North Sulawesi. Munir M. **Paediatr Indones** 1984 May-Jun;24(5-6):85-98

Necrotising enterocolitis experience with 54 neonates. Dolan P, et al. **Scott Med J** 1984 Jul;29(3):166-70

[Neonatal necrotizing enterocolitis: analysis of 120 cases] Song SM. **Chung Hua I Hsueh Tsa Chih** 1985 Feb;65(2):100-3 **(Chi)**

TRANSMISSION

Increased risk of illness among nursery staff caring for neonates with necrotizing enterocolitis. Gerber AR, et al. **Pediatr Infect Dis** 1985 May-Jun;4(3):246-9

VETERINARY

Isolation of Campylobacter sputorum subsp. mucosalis in Norway. Vormeland J. **Acta Vet Scand** 1984;25(4):597-9

ENTEROGASTRONE see under **GASTROINTESTINAL HORMONES**

ENTEROGLUCAGON see under **GASTROINTESTINAL HORMONES**

ENTEROHEPATIC CIRCULATION

Lactate dehydrogenase-6. A biochemical sign of serious hepatic circulatory disturbance. Wolf PL. **Arch Intern Med** 1985 Aug;145(8):1396-7

Biliary excretion and enterohepatic circulation of 1-nitropyrene metabolites in Fischer-344 rats. Medinsky MA, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2325-30

Folate metabolism, the enterohepatic circulation and alcohol. Weir DG, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):1-7 (123 ref.)

Application of different counting systems in measuring localised retention the entero-hepatic circulation. Hinton PJ, et al. **Br J Radiol** 1984 Sep;57(682):799-801

Effect of enterohepatic circulation on the pharmacokinetics of diflunisal in rats. Lin JH, et al. **Drug Metab Dispos** 1985 May-Jun;13(3):321-6

Chemistry and enterohepatic circulation of bile acids. Hofmann AF. **Hepatology** 1984 Sep-Oct;4(5 Suppl):4S-14S (53 ref.)

Interpretation of area under the curve measurements for drugs subject to enterohepatic cycling. Shepard TA, et al. **J Pharm Sci** 1985 Feb;74(2):227-8

Enterohepatic circulation of clioquinol in the rat. Kotaki H, et al. **J Pharmacobiodyn** 1984 Jun;7(6):420-5

Pharmacokinetic study of the enterohepatic circulation of acetaminophen glucuronide in rats. Watari N, et al. **J Pharmacobiodyn** 1984 Nov;7(11):811-9

Inhibitory effect of unconjugated bile acids on the enterohepatic circulation of methotrexate. Said HM, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):660-4

Effects of sphincterectomy on bile acid enterohepatic circulation in dogs. Beher WT, et al. **Steroids** 1984 Jul;44(1):35-46

Mechanism of enterohepatic circulation of vitamin B12: movement of vitamin B12 from bile R-binder to intrinsic factor due to the action of pancreatic trypsin. Kanazawa S, et al. **Trans Assoc Am Physicians** 1983;96:336-44

[Enterohepatic cycle of bile acids and erythrocyte survival] Tsolov V, et al. **Vet Med Nauki** 1985;22(6):27-33 (Eng. Abstr.) **(Bul)**

ENTEROHEPATITIS, AVIAN see **HISTOMONIASIS**

ENTEROPATHY, EXUDATIVE see **PROTEIN-LOSING ENTEROPATHIES**

ENTEROPEPTIDASE see under **PEPTIDE PEPTIDOHYDROLASES**

ENTEROTOXEMIA see under **CLOSTRIDIUM INFECTIONS**

ENTEROTOXINS

see related
STAPHYLOCOCCAL FOOD POISONING

Microbial toxins and diarrhoeal disease. **Ciba Found Symp** 1985;112:1-286

Vaccine development for the control of cholera and related toxin-induced diarrhoeal diseases. Holmgren J, et al. **Ciba Found Symp** 1985;112:242-70

Facile identification of protein sequences by mass spectrometry. B subunit of Vibrio cholerae classical biotype Inaba 569B toxin. Takao T, et al. **Eur J Biochem** 1985 Feb 1;146(3):503-8

The amino acid sequence of the enterotoxin from Clostridium perfringens type A. Richardson M, et al. **FEBS Lett** 1985 Mar 25;182(2):479-84

Revised amino acid sequence for a heat-stable enterotoxin produced by an Escherichia coli strain (18D) that is pathogenic for humans. Thompson MR, et al. **Infect Immun** 1985 Mar;47(3):834-6

Aeromonas hydrophila--an accepted enterotoxigenic 'neoenteropathogen'? [letter] Ljungh A, et al. **J Infect Dis** 1985 May;151(5):972-3

Necrotizing enteritis associated with toxigenic type A Clostridium perfringens [letter] Van Kessel LJ, et al. **J Infect Dis** 1985 May;151(5):974-5

[The role of intestinal alkaline phosphatase in cholera toxin-induced secretory diarrhea] Yoshioka M. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):1981-8 (Eng. Abstr.) **(Jpn)**

[Bacterial diarrhoea: diarrhoea caused by enterotoxins] Takeda Y. **Rinsho Byori** 1984 Jul;32(7):701-8 (46 ref.) **(Jpn)**

ADMINISTRATION & DOSAGE

[Experimental therapy of lethal poisoning due to combination of Vibrio thermostable direct hemolysin and staphylococcal enterotoxin] Koike K, et al. **Nippon Eiseigaku Zasshi** 1984 Dec;39(5):841-7 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Protection of suckling mice from heat-stable enterotoxin of Escherichia coli by infant formulas. Cleary TG, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):125-7

ANALYSIS

Detection of Clostridium difficile enterotoxin in neonates by latex agglutination. Ushijima H, et al. **Arch Dis Child** 1985 Mar;60(3):252-4

Detection of thermolabile enterotoxin of Escherichia coli by laser ray nephelometry. Resano F, et al. **Arch Invest Med (Mex)** 1985 Jan-Mar;16(1):71-9 **(Eng, Spa)**

Production of toxins A and B by Clostridium difficile strains isolated from infants and adults. Torres-López JF, et al. **Arch Invest Med (Mex)** 1985 Jan-Mar;16(1):119-25 **(Eng, Spa)**

An appraisal of a cell culture test. Comparative screening methods for revealing the E. coli thermolabile enterotoxin (L.T.). Gaicu N, et al. **Arch Roum Pathol Exp Microbiol** 1984 Apr-Jun;43(2):179-83

Primary structure of heat-stable enterotoxin produced by Yersinia enterocolitica. Takao T, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):845-51

Enterotoxigenicity among Salmonella typhimurium strains isolated in France. Baloda SB, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):129-31

Essential structure for full enterotoxigenic activity of heat-stable enterotoxin produced by enterotoxigenic Escherichia coli. Yoshimura S, et al. **FEBS Lett** 1985 Feb 11;181(1):138-42

Comparative evaluation of GM1-ELISA & tissue culture assays for detection of thermolabile enterotoxin (LT) of Escherichia coli. Mohapatra LN, et al. **Indian J Med Res** 1984 Jun;79:733-40

Enterotoxigenicity of enteropathogenic Escherichia coli isolated from sporadic diarrhoeal patients. Ramachandran VG, et al. **Indian J Med Res** 1984 Nov;80:505-11

Haemagglutinins & enterotoxins in Escherichia coli strains from human urinary tract infections. Saxena VK, et al. **Indian J Med Res** 1985 Jan;81:35-40

Presence of toxic shock toxin in toxic shock and other clinical strains of Staphylococcus aureus. Reeves MW, et al. **Infect Immun** 1984 Nov;46(2):590-7

Rapid differentiation of enterotoxigenic Escherichia coli that produce heat-stable and heat-labile toxins by frequency-pulsed electron capture gas-liquid chromatography analysis of diarrheal stool specimens. Brooks JB, et al. **J Clin Microbiol** 1984 Dec;20(6):1143-53

Differential detection of cholera enterotoxin and Escherichia coli heat-labile enterotoxin by enzyme-linked immunosorbent assays with antibodies specific to the two toxins. Honda T, et al. **J Clin Microbiol** 1984 Oct;20(4):664-7

Competitive, enzyme-linked immunosorbent assay for toxic shock syndrome toxin 1. Parsonnet J, et al. **J Clin Microbiol** 1985 Jul;22(1):26-31

Development and application of an enzyme linked immunosorbent assay for Clostridium perfringens type A enterotoxin. Bartholomew BA, et al. **J Clin Pathol** 1985 Feb;38(2):222-8

Detection of heat-labile enterotoxin-producing Escherichia coli: comparison among the anti-CT Biken test, the anti-LT Biken test, the GM1 ELISA and the Y1 adrenal cell assay. De Mol P, et al. **J Diarrhoeal Dis Res** 1984 Jun;2(2):99-101

Identification of enterotoxigenic Escherichia coli-producing heat-labile enterotoxin by an enzyme-linked immunosorbent assay on single colonies grown on MacConkey agar plates. Honda T, et al. **J Diarrhoeal Dis Res** 1984 Dec;2(4):223-7

A common antigenic determinant found in two functionally unrelated toxins. Gariepy J, et al. **J Exp Med** 1984 Oct 1;160(4):1253-8

The use of a sandwich ELISA for the detection of staphylococcal enterotoxin A in foods from outbreaks of food poisoning. Wieneke AA, et al. **J Hyg (Lond)** 1985 Aug;95(1):131-8

Development of a competitive enzyme-linked immunosorbent assay (ELISA) for Escherichia coli heat-stable enterotoxin (STa). Lockwood DE, et al. **J Immunol Methods** 1984 Dec 31;75(2):295-307

The detection of Escherichia coli heat-labile enterotoxin by enzyme-linked immunosorbent assay. Clarke DR, et al. **J Infect** 1984 Nov;9(3):244-51

A simplified method for detecting the heat-labile enterotoxin of Escherichia coli. Chapman PA, et al. **J Med Microbiol** 1984 Dec;18(3):399-403

A competitive immunosorbent assay for the detection of heat-stable enterotoxin of Escherichia coli. De Mol P, et al. **J Med Microbiol** 1985 Aug;20(1):69-74

Diarrhoea and simultaneous excretion of Clostridium difficile cytotoxin and C perfringens enterotoxin [letter] Borriello SP, et al. **Lancet** 1984 Nov 24;2(8413):1218

Bacteria and food poisoning organisms in milk. Abo-Elnaga IG, et al. **Nahrung** 1985;29(4):375-80

Biological assay for Clostridium perfringens enterotoxin with Vero cells. Uemura T, et al. **Nippon Juigaku Zasshi** 1984 Oct;46(5):715-20

[Cold resistance of S. aureus and staphylococcal enterotoxins A and C2 in ice cream] Gogov I, et al. **Vet Med Nauki** 1984;21(10):46-50 (Eng. Abstr.) **(Bul)**

[Detection of staphylococcal enterotoxin in sheep cheese] Petráš P. **Cesk Epidemiol Mikrobiol Imunol** 1985 Jun;34(4):208-11 (Eng. Abstr.) **(Cze)**

[Method for the detection and determination of heat-labile Escherichia coli enterotoxin by an immunoenzyme technic on a new polystyrene support adapted for a test kit] Germani Y, et al. **Ann Microbiol (Paris)** 1984 Nov-Dec;135B(3):297-310 (Eng. Abstr.) **(Fre)**

[Heat-stable coli bacterial enterotoxin of bovine origin is similar to those of porcine and human origin] Gerday C, et al. **Ann Rech Vet** 1984;15(1):133-7 (Eng. Abstr.) **(Fre)**

[Characterization of enterotoxigenic Escherichia coli of bovine origin by DNA-DNA colony hybridization] Mainil J, et al. **Ann Rech Vet** 1984;15(1):139-44 (Eng. Abstr.) **(Fre)**

[Epidemiologic study of enterotoxigenic and enteropathogenic Escherichia coli isolated from infantile diarrhea cases on the Wallis and Futuna Islands (French Overseas Territory)] Germani Y, et al. **Bull Soc Pathol Exot Filiales** 1985;78(2):141-9 (Eng. Abstr.) **(Fre)**

[Aggregate-hemagglutination method for the quantitative determination of staphylococcal enterotoxin] Bugrova VI, et al. **Lab Delo** 1985;(2):115-7 (Eng. Abstr.) **(Rus)**

[Determination of the enterotoxigenicity of Staphylococcus aureus strains isolated from cheese] Reyes L, et al. **Rev Latinoam Microbiol** 1984 Jul-Sep;26(3):277-83 (Eng. Abstr.) **(Spa)**

ANTAGONISTS & INHIBITORS

Evaluation of BW942C, a novel antidiarrheal agent, against enterotoxins of Escherichia coli and Vibrio cholerae. Morgan DR, et al. **Infect Immun** 1985 Jun;48(3):754-8

BIOSYNTHESIS

Quantitative analysis of the production of heat-labile enterotoxin by enterotoxigenic Escherichia coli. Minami J, et al. **Acta Med Okayama** 1984 Oct;38(5):461-9

Enterotoxin production at 4, 22, and 37 degrees C by Yersinia enterocolitica and Yersinia enterocolitica-like bacteria isolated from porcine tonsils and pork products. Nesbakken T. **Acta Vet Scand** 1985;26(1):13-20

Enteropathogenic Escherichia coli (EPEC) and enterotoxigenic (ETEC) related diarrhoeal disease in a neonatal unit. Adhikari M, et al. **Ann Trop Paediatr** 1985 Mar;5(1):19-22

Characterization of enterotoxin produced by four Yersinia enterocolitica strains of pig origin. Verma NK, et al. **Antonie Van Leeuwenhoek** 1984;50(4):361-8

Animal studies of toxic shock syndrome. Quimby F, et al. **CRC Crit Rev Microbiol** 1985;12(1):1-44 (321 ref.)

Alterations of myoelectric activity associated with Campylobacter jejuni and its cell-free filtrate in the small intestine of rabbits. Sninsky CA, et al. **Gastroenterology** 1985 Aug;89(2):337-44

Antienterotoxic effect of Myristica fragrans (nutmeg) on enterotoxigenic Escherichia coli. Rashid A, et al. **Indian J Med Res** 1984 May;79:694-6

Influence of antibiotics on growth, synthesis & release of enterotoxin by Salmonella enteritidis. Sobeh FY, et al. **Indian J Med Res** 1984 Sep;80:279-83

Enhancement of enterotoxin production by carbon dioxide in Vibrio cholerae. Shimamura T, et al. **Infect Immun** 1985 Aug;49(2):455-6

Spontaneous occurrence of Staphylococcus aureus mutants with different pigmentation and ability to produce toxic shock syndrome toxin 1. Lee AC, et al. **J Clin Microbiol** 1985 Aug;22(2):308-9

A new enterotoxin produced by Vibrio cholerae O1. Sanyal SC, et al. **J Diarrhoeal Dis Res** 1984 Mar;2(1):3-12

Detection of heat-labile enterotoxin-producing Escherichia coli strains by a staphylococcal coagglutination technique. Sen AK, et al. **J Diarrhoeal Dis Res** 1984 Mar;2(1):33-6

Detection of staphylococcal enterotoxigenicity IV. Strains isolated in 1981 and 1982. Petráš P, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(3):287-95

Relation of enterotoxin production and lipolytic activity in Staphylococcus aureus strains isolated from acute diarrhoeal diseases to clinical course of illness. Sourek J, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(3):279-86

Tryptophan auxotypy associated with Staphylococcus aureus that produce toxic-shock-syndrome toxin. Chu MC, et al. **J Infect Dis** 1985 Jun;151(6):1157-8

Identification by DNA hybridization of enterotoxigenic Escherichia coli in a longitudinal study of villages in Thailand. Echeverria P, et al. **J Infect Dis** 1985 Jan;151(1):124-30

Control of production of toxic-shock-syndrome toxin-1 (TSST-1) by magnesium ion. Mills JT, et al. **J Infect Dis** 1985 Jun;151(6):1158-61

Effect of magnesium on production of toxic-shock-syndrome toxin-1 by Staphylococcus aureus. Schlievert PM. **J Infect Dis** 1985 Sep;152(3):618-20

Zinc and the heat-labile enterotoxin of Escherichia coli. Sugarman B, et al. **J Med Microbiol** 1984 Dec;18(3):393-8

Staphylococcus aureus isolates from patients with nonmenstrual toxic shock syndrome. Evidence for additional toxins. Garbe PL, et al. **JAMA** 1985 May 3;253(17):2538-42

Escherichia coli originated from diarrhea of suckling piglets in Taiwan. III. Ability to produce enterotoxin and Vero cytotoxin. Chen C, et al. **Kitasato Arch Exp Med** 1984 Sep;57(3):221-6

Enterotoxigenic Campylobacter jejuni among children in South India [letter] Albert MJ. **Lancet** 1984 Dec 8;2(8415):1336

Enterotoxigenic Campylobacter jejuni among children in South India [letter] Mathan VI, et al. **Lancet** 1984 Oct 27;2(8409):981

Heat resistance, spore germination, and enterotoxigenicity of Clostridium perfringens. Ando Y, et al. **Microbiol Immunol** 1985;29(4):317-26

Cytotoxin and enterotoxin production by Clostridium difficile. Gianfrilli P, et al. **Microbiologica** 1984 Oct;7(4):375-9

Naturally occurring plasmid coding for heat-labile enterotoxin production and drug resistance from Escherichia coli strain of porcine origin. Ohmae K, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):125-8

The bacteriological safety of unpasteurized cured meat products in response to the manufacturing processes. Shigehisa T, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):443-52

Production of enterotoxin(s) by Staphylococcus hyicus. Adesiyun AA, et al. **Vet Microbiol** 1984 Sep;9(5):487-95

Antimicrobial drug resistance in porcine enterotoxigenic Escherichia coli of 0-group 149 and non-enterotoxigenic Escherichia coli. Franklin A. **Vet Microbiol** 1984 Sep;9(5):467-75

Significance of thermostable enterotoxin produced by porcine enteropathogenic Escherichia coli. de Castro AF, et al. **Vet Rec** 1984 Nov 17;115(20):518-9

Enterotoxigenicity of Staphylococcus intermedius strains isolated from dogs. Fukuda S, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec;258(2-3):360-7

[Comparative study of adherence to rabbit enterocytes, presence of colonization factors CFA/I and CFA/II and toxinogenesis of 55 strains of Escherichia coli] Germani Y, et al. **Ann Inst Pasteur Microbiol** 1985 Mar-Apr;136A(2):203-12 (Eng. Abstr.) **(Fre)**

[Production of heat-labile Escherichia coli enterotoxin in a synthetic medium and its assay on a culture of Vero cells] Germani Y, et al. **Ann Microbiol (Paris)** 1984 Nov-Dec;135B(3):291-5 (Eng. Abstr.) **(Fre)**

[Prevalence of the enterotoxigenic Escherichia coli colonization factors CFA/I, CFA/II and E8775 isolated in the South Pacific (New Caledonia, Republic of Vanuatu and Wallis and Futuna)] Germani Y, et al. **Bull Soc Pathol Exot Filiales** 1985;78(3):283-9 (Eng. Abstr.) **(Fre)**

[Capacity of strains of the genus Yersinia to produce enterotoxins evaluated by a test using suckling mice] Zaremba M, et al. **Med Dosw Mikrobiol** 1985;37(2):88-93 (Eng. Abstr.) **(Pol)**

[Sporadic Escherichia coli 018 infection in newborn infants] Timofeeva GA, et al. **Pediatriia** 1984 Oct;(10):59-61 **(Rus)**

[Enterotoxigenicity and neuraminidase activity of bacteria of the genus Citrobacter] Balanin NV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Aug;(8):32-4 (Eng. Abstr.) **(Rus)**

[Trial of different nutrient media for the production of an intracellular thermolabile enterotoxin by Escherichia coli strains H74-114 and 86] Stepanova MV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):23-6 (Eng. Abstr.) **(Rus)**

[The toxigenicity of strains of Citrobacter freundii] Hoštacká A, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 Mar;34(2):65-70 (Eng. Abstr.) **(Slo)**

CHEMICAL SYNTHESIS

Chemical synthesis of an octadecapeptide with the biological and immunological properties of human heat-stable Escherichia coli enterotoxin. Houghten RA, et al. **Eur J Biochem** 1984 Nov 15;145(1):157-62

GENETICS

Linkage of genes for heat-stable enterotoxin, drug resistance, K99 antigen, and colicin in bovine and porcine strains of enterotoxigenic Escherichia coli. Harnett NM, et al. **Am J Vet Res** 1985 Feb;46(2):428-33

Nucleotide sequences of the genes for Escherichia coli heat-stable enterotoxin I of bovine, avian, and porcine origins. Sekizaki T, et al. **Am J Vet Res** 1985 Apr;46(4):909-12

Enterotoxin plasmids in bovine and porcine enterotoxigenic Escherichia coli of O groups 9, 20, 64 and 101. Harnett NM, et al. **Can J Comp Med** 1985 Jan;49(1):79-87

Gene expression in the polycistronic operons of Escherichia coli heat-labile toxin and cholera toxin: a new model of translational control. Yamamoto T, et al. **FEBS Lett** 1985 Feb 25;181(2):377-80

Plasmid mediated enterotoxin production and drug resistance amongst Escherichia coli from cases of infantile diarrhea. Gowal D, et al. **Indian J Pediatr** 1985 Jan-Feb;52(414):57-9

Penicillinase plasmid-linked genetic determinants for enterotoxins B and C1 production in Staphylococcus aureus. Altboum Z, et al. **Infect Immun** 1985 Feb;47(2):514-21

Cloning of enterotoxin gene from Aeromonas hydrophila provides conclusive evidence of production of a cytotonic enterotoxin. Chakraborty T, et al. **Infect Immun** 1984 Nov;46(2):435-41

Construction of a conjugative plasmid with potential use in vaccines against heat-labile enterotoxin. Chen TM, et al. **Infect Immun** 1985 Jan;47(1):5-10

Escherichia coli contains plasmids coding for heat-stable b, other enterotoxins, and antibiotic resistance. Echeverria P, et al. **Infect Immun** 1985 Jun;48(3):843-6

Nucleotide sequence comparison between heat-labile toxin B-subunit cistrons from Escherichia coli of human and porcine origin. Leong J, et al. **Infect Immun** 1985 Apr;48(1):73-7

Detection of genes for heat-stable enterotoxin I in Escherichia coli strains isolated in Brazil. Maas R, et al. **Infect Immun** 1985 Jul;49(1):46-51

Isolation of a novel transposon which carries the Escherichia coli enterotoxin STII gene. Lee CH, et al. **J Bacteriol** 1985 May;162(2):615-20

Vibrio cholerae enterotoxin genes: nucleotide sequence analysis of DNA encoding ADP-ribosyltransferase. Lockman HA, et al. **J Bacteriol** 1984 Sep;159(3):1086-9

A virulence plasmid in Escherichia coli enterotoxigenic for humans: intergenetic transfer and expression. Yamamoto T, et al. **J Infect Dis** 1984 Nov;150(5):688-98

Mechanism of toxin secretion by Vibrio cholerae investigated in strains harboring plasmids that encode heat-labile enterotoxins of Escherichia coli. Hirst TR, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7752-6

Molecular cloning of staphylococcal enterotoxin B gene in Escherichia coli and Staphylococcus aureus. Ranelli DM, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5850-4

Staphylococcal enterotoxin A is encoded by phage. Betley MJ, et al. **Science** 1985 Jul 12;229(4709):185-7

[Enterotoxin plasmids transmission of Escherichia coli] Lin CS. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1985 Jan;19(1):11-3 (Eng. Abstr.) **(Chi)**

[Medical significance of the bacterial extrachromosomal group of genes--plasmids] Trgovčević Z, et al. **Vojnosanit Pregl** 1985 Jan-Feb;42(1):35-8 **(Ser)**

IMMUNOLOGY

Serological response to toxic shock syndrome toxin in Staphylococcus aureus infected patients and healthy controls. Christensson B, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Apr;93(2):87-90

Production of monoclonal antibodies to staphylococcal enterotoxin A. Edwin C, et al. **Appl Environ Microbiol** 1984 Dec;48(6):1171-5

Immunological properties of porcine enterotoxigenic Escherichia coli heat-stable (ST) enterotoxins. Pesti L, et al. **Comp Immunol Microbiol Infect Dis** 1984;7(3-4):157-64

Local intestinal immune response to Escherichia coli heat-labile (LT) enterotoxin: LT antitoxin levels in healthy, diseased and antigen-fed pigs. Pesti L, et al. **Comp Immunol Microbiol Infect Dis** 1984;7(3-4):149-55

Application of monoclonal antibodies and genetically-engineered hybrid B-subunit proteins to the analysis of the cholera/coli enterotoxin family. Finkelstein RA, et al. **Dev Biol Stand** 1985;59:51-62

Neutralization of heat-labile toxin of E. coli by antibodies to synthetic peptides derived from the B subunit of cholera toxin. Jacob CO, et al. **EMBO J** 1984 Dec 1;3(12):2889-93

Monoclonal antibodies with an expanded repertoire of specificities and potent neutralizing activity for Escherichia coli heat-labile enterotoxin. Belisle BW, et al. **Infect Immun** 1984 Dec;46(3):759-64

Production of neutralizing monoclonal antibodies to Escherichia coli heat-stable enterotoxin. Brandwein H, et al. **Infect Immun** 1985 Jan;47(1):242-6

Construction of a potential live oral bivalent vaccine for typhoid fever and cholera-Escherichia coli-related diarrheas. Clements JD, et al. **Infect Immun** 1984 Nov;46(2):564-9

A completely synthetic toxoid vaccine containing Escherichia coli heat-stable toxin and antigenic determinants of the heat-labile toxin B subunit. Houghten RA, et al. **Infect Immun** 1985 Jun;48(3):735-40

Immunological relationship of the B subunits of Campylobacter jejuni and Escherichia coli heat-labile enterotoxins. Klipstein FA, et al. **Infect Immun** 1985 Jun;48(3):629-33

Stimulation by staphylococcal enterotoxin A of nonspecific resistance of mice to microbial infection. Otani T, et al. **Infect Immun** 1985 Mar;47(3):767-73

Enzyme-linked immunosorbent assay to measure antibodies to purified heat-labile enterotoxins from human and porcine strains of Escherichia coli and to cholera toxin: application in serodiagnosis and seroepidemiology. Levine MM, et al. **J Clin Microbiol** 1985 Feb;21(2):174-9

Antibody responses to toxic-shock-syndrome (TSS) toxin by patients with TSS and by healthy staphylococcal carriers. Bonventre PF, et al. **J Infect Dis** 1984 Nov;150(5):662-6

A comparison of neutralizing and antigen-binding assays for human antibodies against toxic-shock-syndrome toxin 1 [letter] Hirose-Kumagai A, et al. **J Infect Dis** 1984 Nov;150(5):788

Toxic-shock-syndrome toxin 1-induced proliferation of lymphocytes: comparison of the mitogenic response of human, murine, and rabbit lymphocytes. Poindexter NJ, et al. **J Infect Dis** 1985 Jan;151(1):65-72

Serum antibodies to heat-labile enterotoxin of Campylobacter jejuni. Ruiz-Palacios GM, et al. **J Infect Dis** 1985 Aug;152(2):413-6

Development of serum antibody to toxic shock toxin among individuals with toxic shock syndrome in Wisconsin. Stolz SJ, et al. **J Infect Dis** 1985 May;151(5):883-9

Immunomodulating activities of staphylococcal enterotoxins. I. Effects on in vivo antibody responses and contact sensitivity reaction. Kawaguchi-Nagata K, et al. **Microbiol Immunol** 1985;29(3):183-93

[Effective method of preparing antisera to staphylococcal enterotoxins types A and B] Bellbaeva ML, et al. **Lab Delo** 1984;(7):430-1 (Eng. Abstr.) (Rus)

[Isolation of a type C2 staphylococcal antienterotoxic serum] Fluer FS. **Vopr Pitan** 1985 Jan-Feb;(1):70-2 (Rus)

ISOLATION & PURIFICATION

Biological and immunological characteristics of 125I-4Tyr and -18Tyr Escherichia coli heat-stable enterotoxin species purified by high-performance liquid chromatography. Thompson MR, et al. **Anal Biochem** 1985 Jul;148(1):26-36

A new purification procedure for Clostridium difficile enterotoxin. Rihn B, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):690-5

Salmonellosis: in retrospect and prospect. Stephen J, et al. **Ciba Found Symp** 1985;112:175-92

Purification and properties of an enterotoxin from a coatless spore mutant of Clostridium perfringens type A. Lindsay JA, et al. **Eur J Biochem** 1985 Jun 3;149(2):287-93

Isolation, purification, and partial characterization of an enterotoxin from extracts of Entamoeba histolytica trophozoites. Feingold C, et al. **Infect Immun** 1985 Apr;48(1):211-8

Isolation and characterization of the heat stable enterotoxin from a pathogenic bovine strain of Escherichia coli. Gerday C, et al. **Vet Microbiol** 1984 Aug;9(4):399-414

Simple production of staphylococcal enterotoxins (SET) with chromatofocusing and isoelectrofocusing in flat bed gels. Fey H, et al. **Zentralbl Veterinarmed [B]** 1984 Aug;31(7):508-17

[Production of enterotoxins A, B and C in staphylococcal strains isolated from animal food products and other sources] Gogov I. **Vet Med Nauki** 1985;22(6):62-7 (Eng. Abstr.) (Bul)

[Cell wall proteins of Escherichia coli: a substance resembling the thermolabile enterotoxin (LT)] Seltmann G, et al. **J Basic Microbiol** 1985;25(1):57-68 (Eng. Abstr.) (Ger)

[Occurrence of enterotoxigenic E. coli (ETEC) in cases of enteritis in 0- to 2-year-old infants] Georgescu C, et al. **Rev Ig [Bacteriol]** 1985 Jan-Mar;30(1):35-42 (Eng. Abstr.) (Rum)

[Isolation of Salmonella typhimurium enterotoxin in partially purified form and study of its properties] Fluer FS. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):43-9 (Eng. Abstr.) (Rus)

METABOLISM

In vitro amplification of toxic shock syndrome toxin-1 by intravaginal devices. Tierno PM Jr, et al. **Contraception** 1985 Feb;31(2):185-94

Solubilization and partial characterization of the intestinal receptor for Escherichia coli heat-stable enterotoxin. Dreyfus LA, et al. **Infect Immun** 1984 Nov;46(2):537-43

Binding of the two components of C2 toxin to epithelial cells and brush borders of mouse intestine. Ohishi I, et al. **Infect Immun** 1985 Jun;48(3):769-75

Studies on clinical expression of enterotoxigenic Escherichia coli diarrhoea in Calcutta. Bhattacharya SK, et al. **J Assoc Physicians India** 1984 Dec;32(12):1049-51

Kinetics of synthesis, processing, and membrane transport of heat-labile enterotoxin, a periplasmic protein in Escherichia coli. Hofstra H, et al. **J Biol Chem** 1984 Dec 25;259(24):15182-7

Analysis of receptor-binding site in Escherichia coli enterotoxin. Tsuji T, et al. **J Biol Chem** 1985 Jul 15;260(14):8552-8

Significance of stool toxin determination to Clostridium difficile diarrhoea. Chang TW. **J Diarrhoeal Dis Res** 1984 Mar;2(1):41-2

Entrance of cholera enterotoxin subunits into thymus cells. Tsuru S, et al. **J Histochem Cytochem** 1984 Dec;32(12):1275-9

[Gangliosides—cellular receptors for bacterial enterotoxins] Efremenko VI. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):96-100 (49 ref.) (Rus)

PHARMACODYNAMICS

Interaction of cholera toxin and Escherichia coli enterotoxin with isolated intestinal epithelial cells. Hyun CS, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G623-31

Effect of virus-induced destruction of villous epithelium on intestinal secretion induced by heat-stable Escherichia coli enterotoxins and prostaglandin E1 in swine. Whipp SC, et al. **Am J Vet Res** 1985 Mar;46(3):637-42

Induction of histidine decarboxylase activity in the spleen of mice treated with staphylococcal enterotoxin A and demonstration of its non-mast cell origin. Kawaguchi-Nagata K, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):187-92

Osmotic stabilizers differentially inhibit permeability alterations induced in Vero cells by Clostridium perfringens enterotoxin. McClane BA. **Biochim Biophys Acta** 1984 Oct 17;777(1):99-106

Human mononuclear leukocyte transglutaminase activity is enhanced by streptococcal erythrogenic toxin and a staphylococcal mitogenic factor associated with toxic shock syndrome. Zettergren JG, et al. **Biochim Biophys Acta** 1984 Dec 20;802(3):385-9

Toxins which activate adenylate cyclase. Gill DM, et al. **Ciba Found Symp** 1985;112:57-73

Toxins which activate guanylate cyclase: heat-stable enterotoxins. Rao MC. **Ciba Found Symp** 1985;112:74-93

STb enterotoxin of Escherichia coli: cyclic nucleotide-independent secretion. Weikel CS, et al. **Ciba Found Symp** 1985;112:94-115

Analysis of the mitogenic effects of toxic shock toxin on human peripheral blood mononuclear cells in vitro. Calvano SE, et al. **Clin Immunol Immunopathol** 1984 Oct;33(1):99-110

A cytotoxic substance (CTS-51) produced by human buffy coat cultures stimulated by staphylococcal enterotoxin B: specificity to malignant cells and kinetics of action. Hirai N, et al. **Gann** 1985 May;76(5):378-85

Effects of Escherichia coli heat-stable enterotoxin STb on intestines of mice, rats, rabbits, and piglets. Kennedy DJ, et al. **Infect Immun** 1984 Dec;46(3):639-43

Comparison of effects of nicked and unnicked Escherichia coli heat-labile enterotoxin on Chinese hamster ovary cells. Tsuji T, et al. **Infect Immun** 1984 Oct;46(1):94-7

Characterization of uterine growth response to cholera toxin in hamsters and test of heat-labile enterotoxin from Escherichia coli. Alleva JJ, et al. **J Clin Microbiol** 1984 Sep;20(3):506-8

Induction of human interleukin-1 by toxic-shock-syndrome toxin-1. Parsonnet J, et al. **J Infect Dis** 1985 Mar;151(3):514-22

Effect of staphylococcal enterotoxin B-induced diarrhoea on the pharmacokinetics of sulphadimidine in the goat. van Gogh H, et al. **J Vet Pharmacol Ther** 1984 Dec;7(4):303-5

Toxin ADP-ribosyltransferases that act on adenylate cyclase systems. Moss J, et al. **Methods Enzymol** 1984;106:411-8

The enteric nervous system participates in the secretory response to the heat stable enterotoxins of Escherichia coli in rats and cats. Eklund S, et al. **Neuroscience** 1985 Feb;14(2):673-81

Enterotoxin-induced fluid accumulation during experimental salmonellosis and cholera: involvement of prostaglandin synthesis by intestinal cells. Duebbert IE, et al. **Toxicon** 1985;23(1):157-72

[Action of Vibrio cholerae enterotoxin on microorganisms] Andrusenko IT, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):52-5 (Eng. Abstr.) (Rus)

[Morphological and histochemical study of the action of a native Clostridium perfringens type A enterotoxin on a model of the ligated ileal loop in the rabbit] Ermakova MP, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Jul;(7):106-10 (Eng. Abstr.) (Rus)

TOXICITY

The effect of Ca++ and Mg++ on the action of Clostridium perfringens enterotoxin on Vero cells. Granum PE. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Feb;93(1):41-8

Clinical and antibody responses to Clostridium perfringens type A enterotoxin in experimental sheep and calves. Niilo L, et al. **Can J Comp Med** 1985 Apr;49(2):145-8

Clostridial toxins active locally in the gastrointestinal tract. Wilkins T, et al. **Ciba Found Symp** 1985;112:230-41

Toxicity of staphylococcal toxic shock syndrome toxin 1 in rabbits. de Azavedo JC, et al. **Infect Immun** 1984 Nov;46(2):314-7

Effect of toxic shock syndrome toxin 1 on chicken embryos. de Azavedo JC, et al. **Infect Immun** 1985 Mar;47(3):710-2

Acquired ability of Staphylococcus aureus to produce toxic shock-associated protein and resulting illness in a rabbit model. Rasheed JK, et al. **Infect Immun** 1985 Mar;47(3):598-604

Effect of age on fever and acute-phase response of rats to endotoxin and Salmonella typhimurium. Tocco-Bradley R, et al. **Infect Immun** 1985 Jan;47(1):106-11

Comparative observations of fever and associated clinical hematological and blood biochemical changes after intravenous administration of staphylococcal enterotoxins B and F (toxic shock syndrome toxin-1) in goats. Van Miert AS, et al. **Infect Immun** 1984 Nov;46(2):354-60

Detection of Escherichia coli enterotoxins by using mouse adrenal cell and suckling mouse assays: collaborative study. Lovett J, et al. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):946-9

Hypersecretion induced by Escherichia coli heat-stable enterotoxin in intestinal loops in rat and mouse. Lange S, et al. **J Diarrhoeal Dis Res** 1983 Jun;1(2):94-8

Effect of lidamidine-HCl on Escherichia coli heat-stable enterotoxin-induced jejunal water and electrolyte secretion in neonatal piglets. Merritt AM, et al. **J Vet Pharmacol Ther** 1985 Jun;8(2):150-6

Enteropathogenicity of Klebsiella pneumoniae strains isolated from stools of diarrhoeal patients and other clinical specimens: an experimental study. Raychaudhury A, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Oct;258(1):94-103

[Diarrhea due to enterotoxigenic Escherichia coli in New Caledonia. Epidemiology and bacteriologic aspects] Germani Y, et al. **Bull Soc Pathol Exot Filiales** 1984 Jul-Aug;77(4):423-32 (Eng. Abstr.) (Fre)

[Enterotoxins of Bacillus cereus and Clostridium perfringens] Uemura T, et al. **Nippon Saikingaku Zasshi** 1984 Sep;39(5):791-801 (97 ref.) (Jpn)

ENTEROVIRUS INFECTIONS

Treatment of viral myocarditis with ribavirin in an animal preparation. Matsumori A, et al. **Circulation** 1985 Apr;71(4):834-9

Evidence for recurrent infection & intra-familial spread of enterovirus-70 conjunctivitis during post-epidemic period. Pal SR, et al. **Indian J Med Res** 1985 Mar;81:241-6

Genetic relationship between two enteroviruses causing the acute hemorrhagic conjunctivitis syndrome. Natori K, et al. **Intervirology** 1984;22(2):97-103

[Enteroviral etiology of neuroinfectious diseases] Daneš L, et al. **Cas Lek Cesk** 1985 Feb 22;124(8):242-6 (Eng. Abstr.) (Cze)

[Transient unilateral oculomotor paralysis] Kattner E, et al. **Monatsschr Kinderheilkd** 1985 Mar;133(3):175-7 (Eng. Abstr.) (Ger)

CEREBROSPINAL FLUID

Factors affecting the detection of enteroviruses in cerebrospinal fluid with coxsackievirus B3 and poliovirus 1 cDNA probes. Rotbart HA, et al. **J Clin Microbiol** 1985 Aug;22(2):220-4

COMPLICATIONS

Syndrome of inappropriate secretion of antidiuretic hormone in enteroviral meningitis. Chemtob S, et al. **Am J Dis Child** 1985 Mar;139(3):292-4

The importance of immunologic factors in the pathogenesis of encephalomyocarditis virus induced diabetes in mice. Dafoe DC, et al. **Behring Inst Mitt** 1984 Jul;(75):17-25

The EMC-virus induced insulitis . A sign of autoimmunity. Müntefering H. **Behring Inst Mitt** 1984 Jul;(75):9-16

Virus-induced diabetes mellitus. No evidence for immune mechanisms in the destruction of beta-cells by the D-variant of encephalomyocarditis virus. Yoon JW, et al. **Diabetes** 1985 Sep;34(9):922-5

Exacerbation of the pathogenesis of the diabetogenic variant of encephalomyocarditis virus in mice by interferon. Gould CL, et al. **J Interferon Res** 1985 Winter;5(1):33-7

Virus-induced demyelination in mice: 'dying back' of oligodendrocytes. Rodriguez M. **Mayo Clin Proc** 1985 Jul;60(7):433-8

[Radiculomyelitis following acute hemorrhagic conjunctivitis caused by enterovirus 70. Report of the 1st corroborated case in America] Sáenz RE, et al. **Rev Med Panama** 1984 Sep;9(3):176-81 (Eng. Abstr.) (Spa)

DIAGNOSIS

[Clinical aspects of enterovirus cerebrospinal meningitis in children treated at the Clinic of Infectious Diseases of Childhood in Wroclaw from June to December 1982 during the Wroclaw epidemic] Prandota-Schoepp A, et al. **Pediatr Pol** 1984 Jul;59(7):569-73 (Eng. Abstr.) (Pol)

DRUG THERAPY

Derivatives of benzo(c)fluorene. VI. Antiviral and interferon-inducing activities of three benzo(c)fluorenone derivatives in mice. Smejkal F, et al. **Acta Virol (Praha)** 1985 Jan;29(1):11-8

FAMILIAL & GENETIC

Theiler's murine encephalomyelitis virus (TMEV)-induced demyelinating disease in mice is influenced by the H-2D region: correlation with TEMV-specific delayed-type hypersensitivity. Clatch RJ, et al. **J Immunol** 1985 Aug;135(2):1408-14

Demyelination induced by Theiler's virus: influence of the H-2 haplotype. Rodriguez M, et al. **J Immunol** 1985 Sep;135(3):2145-8

Evidence for the presence of an inhibitor on ribosomes in mouse L cells infected with mengovirus. Pensiero MN, et al. **J Virol** 1985 Oct;56(1):161-71

IMMUNOLOGY

Natural antiviral activity of mouse macrophages against encephalomyocarditis virus. Soldateschi D, et al. **Antiviral Res** 1985 Aug;5(4):217-27

Immunologic behavior of lymphocytes in experimental viral myocarditis: significance of T lymphocytes in the severity of myocarditis and silent myocarditis in BALB/c-nu/nu mice. Kishimoto C, et al. **Circulation** 1985 Jun;71(6):1247-54

Role of sex and early interferon production in the susceptibility of mice to encephalomyocarditis virus. Pozzetto B, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):701-9

Neutralizing antibody and interferon-alpha in cerebrospinal fluids and sera of acute aseptic meningitis. Ichimura H, et al. **J Med Virol** 1985 Mar;15(3):231-7

Serum and cells from Theiler's virus-infected mice fail to injure myelinating cultures or to produce in vivo transfer of disease. The pathogenesis of Theiler's virus-induced demyelination appears to differ from that of EAE. Barbano RL, et al. **J Neurol Sci** 1984 Nov-Dec;66(2-3):283-93

Maternal and neonatal neutralizing antibody titers to selected enteroviruses. Hammond GW, et al. **Pediatr Infect Dis** 1985 Jan-Feb;4(1):32-5

MICROBIOLOGY

Waterborne virus diseases. Lund E. **Ecol Dis** 1982;1(1):27-35 (35 ref.)

Elimination of some enteroviruses in the excrements of experimentally infected rats (Rattus norvegicus) and gulls (Larus ridibundus). Daneš L, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(3):309-18

The isolation of enteroviruses from blood: a comparison of four processing methods. Prather SL, et al. **J Med Virol** 1984;14(3):221-7

Viremia in hospitalized children with enterovirus infections. Dagan R, et al. **J Pediatr** 1985 Mar;106(3):397-401

Persistent and acute central nervous system infections are caused by Theiler's murine encephalomyelitis viruses which differ in RNA composition but code for only slightly different proteins. Lorch Y, et al. **J Virol** 1984 Dec;52(3):960-5

Enterovirus and mumps virus infections of the nervous system. Jubelt B. **Neurol Clin** 1984 May;2(2):187-213

Duck hepatitis B virus is tropic for exocrine cells of the pancreas. Halpern MS, et al. **Virology** 1985 Oct 15;146(1):157-61

[Viruses in the feces of patients with viral hepatitis and other enterovirus infections] Andzhaparidze AG, et al. **Vopr Virusol** 1984 Sep-Oct;29(5):559-66 (Eng. Abstr.) (Rus)

[Lesions of the vascular tract of the eye (uveitis) caused by enteroviruses in man and monkeys] Koroleva GA, et al. **Vopr Virusol** 1984 Jul-Aug;29(4):447-54 (Eng. Abstr.) (Rus)

[Characteristics of enterovirus infection in cultures of human and mouse hybrid cells] Mustafina AN, et al. **Vopr Virusol** 1984 Jul-Aug;29(4):476-80 (Eng. Abstr.) (Rus)

OCCURRENCE

Acute hemorrhagic conjunctivitis caused by enterovirus type 70: an epidemic in American Samoa. Onorato IM, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):984-91

Acute hemorrhagic conjunctivitis in Central America: first enterovirus epidemic in the western hemisphere. Asbell PA, et al. **Ann Ophthalmol** 1985 Mar;17(3):205-8, 210

Acute haemorrhagic conjunctivitis (AHC) epidemic of 1981. Ghafoor A, et al. **JPMA** 1984 Aug;34(8):245-6

An enterovirus epidemic [letter] Walls CB. **NZ Med J** 1984 Nov 28;97(768):829-30

Enteroviral infections. Brunell PA. **Pediatr Infect Dis** 1985 May-Jun;4(3 Suppl):S46-7

[Occurrence, significance and characteristics of human Enteroviruses in Poland 1973-1982] Jarzabek Z, et al. **Med Dosw Mikrobiol** 1985;37(2):98-114 (Eng. Abstr.) (Pol)

PATHOLOGY

Ultrastructural changes of motoneurons in monkeys infected with enterovirus 71. Brief report. Hashimoto I, et al. **Arch Virol** 1985;86(1-2):137-42

[Light and electron microscopic studies of the brain, heart and pancreas in mice infected with MengoM virus] Schmidt R, et al. **Acta Histochem (Jena)** 1984;75(1):47-62 (Eng. Abstr.) (Ger)

PHYSIOPATHOLOGY

Demyelination and remyelination in murine viral encephalomyelitis. Lang W, et al. **Ann NY Acad Sci** 1984;436:98-102

Theiler's virus infection: a model for multiple sclerosis. Friedmann A, et al **Prog Med Virol** 1985;31:43-83 (132 ref.)

PREVENTION & CONTROL

Theiler's virus encephalomyelitis is unaffected by treatment with myelin components. Lang W, et al. **J Neuroimmunol** 1985 Jul;9(1-2):109-13

The protection of coenzyme Q10 against experimental viral myocarditis in mice. Kishimoto C, et al. **Jpn Circ J** 1984 Dec;48(12):1358-61

TRANSMISSION

Experimental in ovo transmission of duck hepatitis B virus. Tsiquaye KN, et al. **J Virol Methods** 1985 May;11(1):49-57

Some health implications of the occurrence of enteric viruses in water and soil. Nestor I. **Virologie** 1984 Jul-Sep;35(3):207-31 (149 ref.)

VETERINARY

Maternal transmission of duck hepatitis B virus in pedigree Pekin ducks. Tsiquaye KN, et al. **Hepatology** 1985 Jul-Aug;5(4):622-8

Sequence of events in natural infection of Pekin duck embryos with duck hepatitis B virus. Urban MK, et al. **J Virol** 1985 Jul;55(1):16-22

Comparative study of DHBV DNA levels and endogenous DNA polymerase activity in naturally infected ducklings in France. Cova L, et al. **J Virol Methods** 1985 Mar;10(3):251-60

Duck hepatitis virus and Chlamydia psittaci outbreak [letter] Chalmers WS, et al. **Vet Rec** 1985 Feb 23;116(8):223

[Comparative studies of the use of the enzyme-linked immunosorbent assay (ELISA) for the determination of antibodies against the avian encephalomyelitis agent] Richter R, et al. **Zentralbl Veterinarmed** [B] 1985 Feb;32(2):116-27 (Eng. Abstr.) (Ger)

ENTEROVIRUSES

Some health implications of the occurrence of enteric viruses in water and soil. Nestor I. **Virologie** 1984 Jul-Sep;35(3):207-31 (149 ref.)

Duck hepatitis B virus is tropic for exocrine cells of the pancreas. Halpern MS, et al. **Virology** 1985 Oct 15;146(1):157-61

ANALYSIS

Comparative study of DHBV DNA levels and endogenous DNA polymerase activity in naturally infected ducklings in France. Cova L, et al. **J Virol Methods** 1985 Mar;10(3):251-60

Comparison of structural and nonstructural proteins of virulent and less virulent Theiler's virus isolates using two-dimensional gel electrophoresis. Rozhon EJ, et al. **Virus Res** 1985 Feb;2(1):11-28

CLASSIFICATION

A serological classification of bovine enteroviruses. Knowles NJ, et al. **Arch Virol** 1985;83(3-4):141-55

Use of subgenomic poliovirus DNA hybridization probes to detect the major subgroups of enteroviruses. Rotbart HA, et al. **J Clin Microbiol** 1984 Dec;20(6):1105-8

DRUG EFFECTS

In vitro activities of bismuth salts against rotaviruses and other enteric viruses. Ward RL, et al. **Antimicrob Agents Chemother** 1985 Mar;27(3):306-8

'In vitro' antiviral effects of synthetic compounds upon DNA and RNA viruses. Lagrota MH, et al. **Rev Latinoam Microbiol** 1984 Oct-Dec;26(4):331-4

[In vitro effectiveness of new antiviral substances. 2. studies with enteroviruses and rhinovirus IB] Tonew M, et al. **Virologie** 1985 Apr-Jun;36(2):111-7 (Eng. Abstr.) (Ger)

GENETICS

Bovine enteroviruses. Hoey EM. **Biochem Soc Trans** 1984 Aug;12(4):711-12

Transcripts and the putative RNA pregenome of duck hepatitis B virus: implications for reverse transcription. Büscher M, et al. **Cell** 1985 Mar;40(3):717-24

Genetic relationship between two enteroviruses causing the acute hemorrhagic conjunctivitis syndrome. Natori K, et al. **Intervirology** 1984;22(2):97-103

Comparative sequence analysis of duck and human hepatitis B virus genomes. Sprengel R, et al. **J Med Virol** 1985 Apr;15(4):323-33

Persistent and acute central nervous system infections are caused by Theiler's murine encephalomyelitis viruses which differ in RNA composition but code for only slightly different proteins. Lorch Y, et al. **J Virol** 1984 Dec;52(3):960-5

GROWTH & DEVELOPMENT

Sequence of events in natural infection of Pekin duck embryos with duck hepatitis B virus. Urban MK, et al. **J Virol** 1985 Jul;55(1):16-22

[Survival time of enterobacteria and enteroviruses in activated sludge-fertilized soils] Möller F, et al. **Z Gesamte Hyg** 1985 Apr;31(4):237-41 (Eng. Abstr.) (Ger)

[Studies on biological characteristics of enterovirus type 70 (EV 70)] Sawada H. **Hokkaido Igaku Zasshi** 1984 May;59(3):254-65 (Eng. Abstr.) (Jpn)

IMMUNOLOGY

Ethanethiol sensitive & resistant antibodies to enterovirus 70 in post-conjunctivitis neurological syndromes. Gore MM, et al. **Indian J Med Res** 1985 Apr;81:343-8

Detection of enterovirus 70 with monoclonal antibodies. Anderson LJ, et al. **J Clin Microbiol** 1984 Sep;20(3):405-8

Neutralizing monoclonal antibodies to Theiler's murine encephalomyelitis viruses. Nitayaphan S, et al. **J Virol** 1985 Feb;53(2):651-7

Study on enterovirus 70: age distribution of neutralizing antibody and some characteristics of the virus. Lin KH, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Mar;84(3):296-307

Viral antigen in endocrine cells of the pancreatic islets and adrenal cortex of Pekin ducks infected with duck hepatitis B virus. Halpern MS, et al. **Virus Res** 1984;1(3):213-23

[Comparative studies of the use of the enzyme-linked immunosorbent assay (ELISA) for the determination of antibodies against the avian encephalomyelitis agent] Richter R, et al. **Zentralbl Veterinarmed** [B] 1985 Feb;32(2):116-27 (Eng. Abstr.) (Ger)

ISOLATION & PURIFICATION

Characterization of simian viruses isolated from wild cynomolgus monkeys. Suzuki M, et al. **Acta Virol (Praha)** 1984 Jul;28(4):267-76

Round robin investigation of methods for recovering human enteric viruses from sludge. Goyal SM, et al. **Appl Environ Microbiol** 1984 Sep;48(3):531-8

Elimination of viruses and indicator bacteria at each step of treatment during preparation of drinking water at seven water treatment plants. Payment P, et al. **Appl Environ Microbiol** 1985 Jun;49(6):1418-28

Isolation of enteroviruses from water, suspended solids, and sediments from Galveston Bay: survival of poliovirus and rotavirus adsorbed to sediments. Rao VC, et al. **Appl Environ Microbiol** 1984 Aug;48(2):404-9

Modified membrane-filter procedure for concentration of enteroviruses from tap water. Shields PA, et al. **Appl Environ Microbiol** 1985 Feb;49(2):453-5

Coliphages as indicators of enteroviruses. Stetler RE. **Appl Environ Microbiol** 1984 Sep;48(3):668-70

A rapid procedure for the purification of avian encephalomyelitis viruses. Taunock GA, et al. **Avian Dis** 1985 Apr-Jun;29(2):312-21

Seasonal distribution of enteroviruses and adenoviruses in domestic sewage. Krikelis V, et al. **Can J Microbiol** 1985 Jan;31(1):24-5

The isolation of nonpolio enteroviruses from serum. Prather SL, et al. **Diagn Microbiol Infect Dis** 1984 Sep;2(4):353-7

Method for selecting optimal cells for enterovirus isolation as determined in an outbreak of echovirus type 33 meningitis. Druyts-Voets E, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):331-4

Enteroviruses and acute encephalopathy syndrome in Nagpur. John TJ, et al. **Indian J Pediatr** 1984 Nov-Dec;51(413):627-31

Factors affecting the detection of enteroviruses in cerebrospinal fluid with coxsackievirus B3 and poliovirus 1 cDNA probes. Rotbart HA, et al. **J Clin Microbiol** 1985 Aug;22(2):220-4

Isolation and characterization of enterovirus from neonatal goats with diarrhoea. Jain NC, et al. **J Diarrhoeal Dis Res** 1984 Mar;2(1):43-6

Elimination of some enteroviruses in the excrements of experimentally infected rats (Rattus norvegicus) and gulls (Larus ridibundus). Daneš L, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(3):309-18

Isolation and identification of enteroviruses from faecal samples in a differentiated epithelial cell line (HRT-18) derived from human rectal carcinoma. Patel JR, et al. **J Med Virol** 1984;14(3):255-61

The isolation of enteroviruses from blood: a comparison of four processing methods. Prather SL, et al. **J Med Virol** 1984;14(3):221-7

A method for detecting human enteroviruses in aquatic sediments. Lewis GD, et al. **J Virol Methods** 1985 Feb; 10(2):153–62

Leads from the MMWR. Nonpolio enterovirus surveillance—United States, January to October 1984. **JAMA** 1984 Dec 14;252(22):3120

Acute haemorrhagic conjunctivitis (AHC) epidemic of 1981. Ghafoor A, et al. **JPMA** 1984 Aug;34(8):245–6

Nonpolio enterovirus surveillance—United States, January–October 1984. **MMWR** 1984 Nov 16;33(45):646

Isolation and identification of bovid enteroviruses from free-living wild animals in Botswana. Hamblin C, et al. **Vet Rec** 1985 Mar 2;116(9):238–9

[Experimental studies on the concentration of human enteroviruses from larger volumes of surface water using talc-celite layers] Lin WC. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Jul;18(4):213–6 (Eng. Abstr.) (Chi)

[Occurrence, significance and characteristics of human Enteroviruses in Poland 1973–1982] Jarzabek Z, et al. **Med Dosw Mikrobiol** 1985;37(2):98–114 (Eng. Abstr.) (Pol)

[Method of detecting Enteroviruses in reservoir water using natural sorbents] Myshliaeva LA, et al. **Gig Sanit** 1985 Feb;(2):47–9 (Rus)

[Affinity of enteroviruses and bacteriophages to natural aluminum silicate sorbents] Myshliaeva LA, et al. **Gig Sanit** 1985 Mar;(3):86–7 (Rus)

[Viruses in the feces of patients with viral hepatitis and other enterovirus infections] Andzhaparidze AG, et al. **Vopr Virusol** 1984 Sep–Oct;29(5):559–66 (Eng. Abstr.) (Rus)

PATHOGENICITY

Demyelination induced by Theiler's virus: influence of the H-2 haplotype. Rodriguez M, et al. **J Immunol** 1985 Sep; 135(3):2145–8

PHYSIOLOGY

Interaction between enteroviruses and human endothelial cells in vitro. Alterations in the physical properties of endothelial cell plasma membrane and adhesion of human granulocytes. Kirkpatrick CJ, et al. **Am J Pathol** 1985 Jan; 118(1):15–25

Waterborne virus diseases. Lund E. **Ecol Dis** 1982;1(1):27–35 (35 ref.)

Experimental in ovo transmission of duck hepatitis B virus. Tsiquaye KN, et al. **J Virol Methods** 1985 May;11(1):49–57

ENTEROVIRUSES, PORCINE see under **ENTEROVIRUSES**

ENTOMOLOGY

Scope and applications of forensic entomology. Keh B. **Annu Rev Entomol** 1985;30:137–54 (72 ref.)

A bibliography of forensic entomology. Vincent C, et al. **J Med Entomol** 1985 Mar 22;22(2):212–9

METHODS

In vitro rearing of the northern fowl mite (Acari: Macronyssidae). Fletcher MG, et al. **J Econ Entomol** 1984 Dec;77(6):1504–6

ENTOMOPHTHORA see under **ZYGOMYCETES**

ENTRAPMENT NEUROPATHY see **NERVE COMPRESSION SYNDROMES**

ENTROPION

COMPLICATIONS

Hurricane keratitis in penetrating keratoplasty [letter] Blanchard DL. **Cornea** 1984;3(1):75–6

CONGENITAL

Re-examining the tarsal kink syndrome: considerations of its etiology and treatment. Bosniak S, et al. **Ophthalmic Surg** 1985 Jul;16(7):437–40

DRUG THERAPY

Sequelae of botulinum toxin injection. Lingua RW. **Am J Ophthalmol** 1985 Aug 15;100(2):305–7

ETIOLOGY

Voluntary entropion. Harvey JT. **Can J Ophthalmol** 1985 Feb;20(1):19–22

SURGERY

Variations on the theme of involutional entropion and the Quickert repair. Markovits AS. **Ann Ophthalmol** 1980 Sep; 12(9):1028, 1030, 1032 passim

Management of large lid colobomas following entropion surgery. Betharia SM, et al. **Indian J Ophthalmol** 1984 May–Jun;32(3):157–60

Lamellar tarsoplasty—a new technique for correction of horizontal tarsal kink. McCarthy RW. **Ophthalmic Surg** 1984 Oct;15(10):859–60

VETERINARY

Entropion in sharpeis [letter] Bedford PG. **Vet Rec** 1984 Dec 22–29;115(25–26):666

Entropion in sharpeis [letter] Curtis R, et al. **Vet Rec** 1984 Dec 15;115(24):634

Entropion in sharpeis [letter] Lewis DG. **Vet Rec** 1985 Feb 23;116(8):222

Entropion in the sharpei [letter] Startup FG. **Vet Rec** 1985 Jan 12;116(2):57

ENURESIS

CHEMICALLY INDUCED

Effects of caffeine withdrawal on nocturnal enuresis, insomnia, and behavior restraints. Edelstein BA, et al. **J Consult Clin Psychol** 1984 Oct;52(5):857–62

Sodium valproate and enuresis [letter] Choonara IA. **Lancet** 1985 Jun 1;1(8440):1276

Nocturnal enuresis associated with sodium valproate [letter] Panayiotopoulos CP. **Lancet** 1985 Apr 27;1(8435):980–1

CLASSIFICATION

Behavior and bladder disturbance of enuretic children: a rational classification of a common disorder. Shaffer D, et al. **Dev Med Child Neurol** 1984 Dec;26(6):781–92

COMPLICATIONS

[Children with urination problems in constipation] Baldew IM. **Ned Tijdschr Geneeskd** 1985 Jan 5;129(1):3–5 (Dut)

DIAGNOSIS

Simultaneous registration of sleep–stages and bladder activity in enuresis. Nørgaard JP, et al. **Urology** 1985 Sep; 26(3):316–9

[Search for common 'markers' in children treated for primary enuresis] Kish I. **Harefuah** 1984 Jul;107(1–2):35–7 (Eng. Abstr.) (Heb)

DRUG THERAPY

DDAVP in young enuretic patients: a double–blind trial. Ferrie BG, et al. **Br J Urol** 1984 Aug;56(4):376–8

Mazindol for nocturnal enuresis. Tiptaft RC, et al. **Br J Urol** 1984 Dec;56(6):641–3

A pharmacological paradigm for urinary incontinence and enuresis. Ambrosini PJ. **J Clin Psychopharmacol** 1984 Oct; 4(5):247–53 (58 ref.)

Desamino–D–arginine vasopressin in childhood nocturnal enuresis. Pedersen PS, et al. **J Urol** 1985 Jan;133(1):65–6

Concentrations of imipramine and its metabolites during enuresis therapy. DeVane CL, et al. **Pediatr Pharmacol (New York)** 1984;4(4):245–51

Monitoring of serum levels of imipramine and desipramine and individualization of dose in enuretic children. de Gatta MF, et al. **Ther Drug Monit** 1984;6(4):438–43

[Enuresis treated with minurin (DDAVP). A controlled clinical study] Kjøller SS, et al. **Ugeskr Laeger** 1984 Oct 22;146(43):3281–2 (Eng. Abstr.) (Dan)

[Treatment of the unstable bladder in children with the anticholinergic agent propiverin hydrochloride (mictonorm/mictonets)] Otto–Unger G. **Z Urol Nephrol** 1985 Mar;78(3):145–52 (Eng. Abstr.) (Ger)

[Effectiveness of treating enuresis with Eleutherococcus (People's Republic of Bulgaria)] Chenkov R. **Voen Med Zh** 1984 Oct;(10):60 (Rus)

ETIOLOGY

Nocturnal enuresis in children with upper airway obstruction. Weider DJ, et al. **Int J Pediatr Otorhinolaryngol** 1985 Jul; 9(2):173–82

The wide bladder neck and posterior urethra in childhood. Láng K, et al. **Int Urol Nephrol** 1985;17(1):43–51

Hyperbaric diuresis and nocturia—a review. Shiraki K, et al. **Sangyo Ika Daigaku Zasshi** 1985 Mar 1;7(1):61–72 (15 ref.)

[Enuresis—symptom of delayed micturition development or an obstructive urinary tract anomaly?] Thon W, et al. **Klin Padiatr** 1985 Mar–Apr;197(2):85–9 (Eng. Abstr.) (Ger)

[EEG findings in 130 enuretics with special reference to spike potentials] Fehlow P. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Apr;37(4):221–7 (Eng. Abstr.) (Ger)

[Incidence of developmental anomalies and inflammatory conditions in the urinary tract of children with nocturnal enuresis] Kozielec T, et al. **Pol Tyg Lek** 1984 Jul 9; 39(28):939–41 (Eng. Abstr.) (Pol)

[Enuresis diurna (in the child who urinates during sleep)] Popov I, et al. **Med Pregl** 1984;37(5–6):255–7 (Eng. Abstr.) (Scr)

METABOLISM

Decreased high affinity 3H–imipramine binding in platelets of enuretic children and adolescents. Weizman A, et al. **Psychiatry Res** 1985 Jan;14(1):39–46

PATHOLOGY

Value of cystourethroscopy in the assessment of children with recurrent urinary tract infections and/or enuresis. Nielsen KK, et al. **Urol Res** 1985;13(3):137–9

PHYSIOPATHOLOGY

Enuresis and urethral instability. Penders L, et al. **Eur Urol** 1984;10(5):317–22

Re: Urodynamic studies in enuresis and the nonneurogenic neurogenic bladder [letter] Arnold SJ, et al. **J Urol** 1985 Jul;134(1):154

Orienting response extinction in nocturnal enuresis. Rogozea R, et al. **Neurol Psychiatr (Bucur)** 1984 Jul–Sep; 22(3):167–83

[Value of anatomic and functional obstruction of the urethra of girls in enuresis, recurrent urinary tract infections and reflux] Brüggemann VC, et al. **Urologe [Ausg A]** 1985 Mar; 24(2):75–9 (Eng. Abstr.) (Ger)

PSYCHOLOGY

Childhood psychiatric disorders with physical manifestations. Hussain SA. **Indian J Pediatr** 1984 Mar–Apr;51(409):205–16

Retention of orienting response extinction in nocturnal enuresis. Rogozea R, et al. **Neurol Psychiatr (Bucur)** 1984 Oct–Dec;22(4):269–85

RADIOGRAPHY

Intravenous urography in children: is routine tomography useful? Blickman JG, et al. **J Can Assoc Radiol** 1984 Dec; 35(4):363–4

REHABILITATION

[An enuresis alarm as a cause of burn injury] Werner B, et al. **Lakartidningen** 1984 Sep 26;81(39):3474 (Swe)

THERAPY

Effect of Uristop on primary nocturnal enuresis. A prospective randomized double–blind study. Elinder G, et al. **Acta Paediatr Scand** 1985 Jul;74(4):574–8

Nocturnal enuresis: a review of treatment approaches. Young DE, et al. **Am Fam Physician** 1985 Mar;31(3):141–4

Spinal morphine in enuresis [letter] Cardan E. **Br J Anaesth** 1985 Mar;57(3):354

General practitioners should be able to prescribe enuresis alarms on the NHS [letter] Symon DN. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):920–1

Treatment of enuresis [letter] Mitchell RS. **Can Med Assoc J** 1985 Feb 15;132(4):320

Treatment of enuresis [letter] Netley C. **Can Med Assoc J** 1985 Jul 15;133(2):92

Effects of different methods of treatment of primary enuresis on psychologic functioning in children. Netley C, et al. **Can Med Assoc J** 1984 Sep 15;131(6):577–9

A wolf in sheep's clothing? Simultaneous use of structural family therapy and behavior modification in a case of encopresis and enuresis. Rydzinski JW, et al. **Hillside J Clin Psychiatry** 1985;7(1):71–81

A preliminary investigation of three issues pertaining to a common behavioral treatment for nocturnal enuresis. Mace FC, et al. **J Behav Ther Exp Psychiatry** 1984 Sep; 15(3):265–9

Assessment of change–agent expectations in reversal–to–baseline designs. Uselding DK, et al. **J Behav Ther Exp Psychiatry** 1984 Sep;15(3):249–53

Hypnotherapy as a treatment for enuresis. Edwards SD, et al. **J Child Psychol Psychiatry** 1985 Jan;26(1):161–70

The treatment of nocturnal enuresis: a controlled comparison of two models of urine alarm. Wagner WG, et al. **J Dev Behav Pediatr** 1985 Feb;6(1):22–6

The effect of prior imipramine treatment on the results of conditioning therapy in children with enuresis. Houts AC, et al. **J Pediatr Psychol** 1984 Dec;9(4):505–9

Short–term effect in 135 cases of enuresis treated by wrist–ankle needling. Song BZ, et al. **J Tradit Chin Med** 1985 Mar;5(1):27–8

Newly awakened interest in sleep research spans many specialties [news] Lamberg L. **JAMA** 1985 Sep 13; 254(10):1275–7, 1281, 1284

Nocturnal enuresis: evaluation of a programme [letter] Geddes GJ, et al. **NZ Med J** 1985 Jan 23;98(771):26

Nocturnal enuresis. Schmitt BD. **Primary Care** 1984 Sep; 11(3):485–95

Enuresis in children. Lim CL. **Singapore Med J** 1983 Dec; 24(6):363–6

A treatment for enuresis [letter] Reiner EW. **West J Med** 1985 Jul;143(1):113

[Treatment of enuresis in children] Terho P. **Duodecim** 1984; 100(15):942–7 (Fin)

[Sound alarms and conditioning therapy in the treatment of childhood enuresis: a study of 180 cases] Cracco A, et al. **Pediatr Med Chir** 1984 Sep–Oct;6(5):681–9 (Eng. Abstr.) (Ita)

[New method of treating enuresis in children] Dan V, et al. **Rev Pediatr Obstet Ginecol [Pediatr]** 1985 Jan–Mar; 34(1):83–92 (Rum)

[Clinical picture and treatment of nocturnal enuresis in children] Krupnova MS. **Zh Nevropatol Psikhiatr** 1985; 85(3):427–30 (Eng. Abstr.) (Rus)

URINE

[Catecholaminergic activity in children with nocturnal enuresis] Szewczyk L. **Pediatr Pol** 1984 Oct;59(10):841–5 (Eng. Abstr.) (Pol)

ENVELOPE PROTEINS, VIRAL see **VIRAL ENVELOPE PROTEINS**

ENVIOMYCIN see under **VIOMYCINS**

ENVIRONMENT

see related
SOCIAL ENVIRONMENT

Some geomedical aspects. Låg J. **Acta Neurol Scand [Suppl]** 1984;100:69–75

General environmental modifiers of carcinogenesis. Ramel C. **Acta Pharmacol Toxicol (Copenh)** 1984;55 Suppl 2:181–96 (37 ref.)

Situational suppression of cigarette smoking. Nellis MJ, et al. **Addict Behav** 1985;10(1):75–81

Reducing the confounding effects of environment and diet on saliva thiocyanate values in ex-smokers. Swan GE, et al. **Addict Behav** 1985;10(2):187–90

The holding environment in the inpatient treatment of adolescents. Davis M, et al. **Adolesc Psychiatry** 1985; 12:434–43

Use of environmental manipulation and classroom and modified informal reality orientation with institutionalized, confused elderly patients. Reeve W, et al. **Age Ageing** 1985 Mar;14(2):119–21

The environment away from home as a source of potential poisoning. Polakoff JM, et al. **Am J Dis Child** 1984 Nov; 138(11):1014–7

A model for implementing color contrast in the environment of the elderly. Cooper BA. **Am J Occup Ther** 1985 Apr; 39(4):253–8

Alterations of human adaptation to environment. Ueda G. **Ann Physiol Anthropol** 1984 Oct;3(4):348–9

An environmental model for sows: materializing physical and behavioural needs. de Koning R. **Ann Rech Vet** 1984; 15(2):303–9

Genetic, familial and racial influences on blood pressure control systems in man. Grim CE, et al. **Aust NZ J Med** 1984 Aug;14(4):453–7

Validating time-sampled observations of courtship in Drosophila melanogaster for behavior genetic analysis. Collins MF, et al. **Behav Genet** 1985 Jan;15(1):31–41

Resolving the effects of phenotype and social background on mate selection. Heath AC, et al. **Behav Genet** 1985 Jan; 15(1):15–30

Fitting heredity-environment models jointly to twin and adoption data from the California Psychological Inventory. Loehlin JC. **Behav Genet** 1985 May;15(3):199–221

Evoked cortical potential correlates of rearing environment in rats. Leah J, et al. **Biol Psychol** 1985 Feb;20(1):21–9

Resumption of seasonal breeding patterns in male and female rhesus monkeys transferred from an indoor to an outdoor environment. Herndon JG, et al. **Biol Reprod** 1985 May; 32(4):733–44

Environmental and endogenous control of reproductive function in the Great Basin pocket mouse Perognathus parvus. Kenagy GJ, et al. **Biol Reprod** 1984 Nov; 31(4):637–45

Assessment of a behavioural programme to treat incontinent patients in psychogeriatric wards. Chanfreau-Rona D, et al. **Br J Clin Psychol** 1984 Nov;23 (Pt 4):273–9

Sex differences in the dendritic branching of dentate granule cells following differential experience. Juraska JM, et al. **Brain Res** 1985 Apr 29;333(1):73–80

Enhancement of hippocampal field potentials in rats exposed to a novel, complex environment. Sharp PE, et al. **Brain Res** 1985 Jul 29;339(2):361–5

Differential rearing effects on rat visual cortex synapses. II. Synaptic morphometry. Sirevaag AM, et al. **Brain Res** 1985 Apr;351(2):215–26

Differential rearing effects on rat visual cortex synapses. I. Synaptic and neuronal density and synapses per neuron. Turner AM, et al. **Brain Res** 1985 Mar 11;329(1–2):195–203

Beyond the milestone model—a systems framework for alternative infant assessment procedures. Gaussen T, et al. **Child Care Health Dev** 1985 May–Jun;11(3):131–50

Minimal metabolism, summit metabolism and plasma thyroxine in rodents from different environments. Hulbert AJ, et al. **Comp Biochem Physiol** [A] 1985;81(3):687–93

Symposium on environmental emergencies. **Emerg Med Clin North Am** 1984 Aug;2(3):457–698

Qualitative analysis of the taste in people living in country environment. Wójcik K. **Folia Morphol** 1984;43(2):79–83

Influence of age and environment on the induction of mammary tumours by diethylstilboestrol in C3H/HeN-MTV+ mice. Greenman DL, et al. **Food Chem Toxicol** 1985 Jan;23(1):73–8

Environmental and hormonal control of the seasonal egg laying period in field specimens of Lymnaea stagnalis. Dogterom GE, et al. **Gen Comp Endocrinol** 1985 Jan; 57(1):37–42

Polymorphism from environmental heterogeneity: models are only robust if the heterozygote is close in fitness to the favoured homozygote in each environment. Hoekstra RF, et al. **Genet Res** 1985 Jun;45(3):299–314

Covariance between direct and maternal genetic effects in mice, with a model of persistent environmental influences. Riska B, et al. **Genet Res** 1985 Jun;45(3):287–97

Quantitative genetics and the evolution of ontogeny. II. Genetic and environmental correlations among age-specific characters in randombred house mice. Leamy L, et al. **Growth** 1984 Autumn;48(3):339–53

Is the hypertensive rat really hyperreactive? Sutterer JR, et al. **Hypertension** 1984 Nov–Dec;6(6 Pt 1):868–76

Environmental considerations for substance use/misuse intervention. Einstein S. **Int J Addict** 1985 Apr;20(4):iii–x

Comparisons of behavior transactions between conduct-disordered children and their mothers in the clinic and at home. Webster-Stratton C. **J Abnorm Child Psychol** 1985 Jun;13(2):169–83

Sire X environment interactions in beef cattle weaning weight field data. Bertrand JK, et al. **J Anim Sci** 1985 Jun; 60(6):1396–402

Environmental influences on the postpartum animal. Christenson RK. **J Anim Sci** 1980;51 Suppl 2:53–67 (154 ref.)

Genetic, phenotypic and environmental relationships between sow body weight and sow productivity traits. Ferguson PW, et al. **J Anim Sci** 1985 Feb;60(2):375–84

Reproductive performance of Finnish Landrace and Suffolk sheep maintained indoors year-round. Hackett AJ, et al. **J Anim Sci** 1985 Feb;60(2):334–41

Genetic, environmental and interaction effects on lifetime production efficiency of crossbred ewes. Saoud NB, et al. **J Anim Sci** 1984 Sep;59(3):594–606

Cell cycle regulation by environmental pH. Taylor IW, et al. **J Cell Physiol** 1984 Dec;121(3):517–25

Jack Tizard memorial lecture. Delinquency, environment and intervention. Clarke RV. **J Child Psychol Psychiatry** 1985 Jul;26(4):505–23 (74 ref.)

IQ, scholastic performance and behaviour of sibs raised in contrasting environments. Dumaret A. **J Child Psychol Psychiatry** 1985 Jul;26(4):553–80

Prior-residence effect in Betta splendens. Bronstein PM. **J Comp Psychol** 1985 Mar;99(1):56–9

Relationships between herd type and genetic and environmental variances in Holsteins. Sorensen DA, et al. **J Dairy Sci** 1985 Jul;68(7):1770–7

The relative influence of child and environmental characteristics on sleep disturbances in the first and second years of life. Van Tassel EB. **J Dev Behav Pediatr** 1985 Apr;6(2):81–6

Hormonal and environmental interactions on thyroid function in the chick embryo and posthatching chicken. Kühn ER, et al. **J Exp Zool** 1984 Dec;232(3):653–8 (49 ref.)

Blood pressure in four and five-year-old children: the effects of environment and other factors in it's measurement—the Brompton study. de Swiet M, et al. **J Hypertens** 1984 Oct; 2(5):501–5

Subjective effects of alcohol: the influence of setting and individual differences in alcohol expectancies. Sher KJ. **J Stud Alcohol** 1985 Mar;46(2):137–46

Environmental factors in autoimmunity [letter] Copeman MC. **Med J Aust** 1985 Sep 16;143(6):265

Physical and environmental design characteristics of community residences. Janicki MP, et al. **Ment Retard** 1984 Dec;22(6):294–301

The borderline hypertensive rat (BHR): a new model for the study of environmental factors in the development of hypertension. Lawler JE, et al. **Pavlov J Biol Sci** 1985 Jul–Sep;20(3):101–15

Effect of environmental hypothermia on vitelline artery blood pressure and vascular resistance in the stage 18, 21, and 24 chick embryo. Nakazawa M, et al. **Pediatr Res** 1985 Jul;19(7):651–4

An examination of heroin conditioning in preferred and nonpreferred environments and in differentially housed mature and immature rats. Schenk S, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):215–20

Social and environmental factors influencing mother-infant separation-reunion in squirrel monkeys. Jordan TC, et al. **Physiol Behav** 1985 Apr;34(4):489–93

Depression of rat feeding in familiar and novel environment by sulfated and nonsulfated cholecystokinin octapeptide. Kádár T, et al. **Physiol Behav** 1985 Mar;34(3):395–400

Facilitative effects of maternal environmental enrichment on maze learning in rat offspring. Kiyono S, et al. **Physiol Behav** 1985 Mar;34(3):431–5

Self-organization in macromolecular systems: the notion of adaptive value. Demetrius L. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6068–72

Environmental organization: the physical, social, and programmatic context of behavior. Twardosz S. **Prog Behav Modif** 1984;18:123–61 (108 ref.)

Environmental experience produces qualitative changes in the stimulant effects of beta-phenylethylamine in rats. Dourish CT, et al. **Psychopharmacology (Berlin)** 1984; 84(1):132–5

Population and case-control surveillance in the search for environmental causes of birth defects. Oakley GP Jr. **Public Health Rep** 1984 Sep–Oct;99(5):465–8

Infant responses and the physical environment. Ulvund SE. **Scand J Psychol** 1984;25(4):363–9

Adult outcomes of high-risk children: differential effects of town and kibbutz rearing. Mirsky AF, et al. **Schizophr Bull** 1985;11(1):150–4

The interaction of genetic drift and mutation with selection in a fluctuating environment. Gillespie JH. **Theor Popul Biol** 1985 Apr;27(2):222–37

The impact of terrestrial and estuarial factors on the density of environmental bacterial (Vibrionaceae) and faecal coliforms in coastal water. Larsen JL, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Aug; 179(4):308–23

[Physical factors of the work environment. Changes in the aorta in experimental exposure to noise and atherogenic diet] Antov G, et al. **Probl Khig** 1984;9:29–35 (Eng. Abstr.) (Bul)

[Relationship between the distribution of kala azar and the natural landscape in the Nei-Monggol Autonomous Region] Guan LR, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1985;3(1):1–4 (Eng. Abstr.) (Chi)

[The occupational environment and the health of slaughterhouse workers. III. Possibilities for preventing occupational injuries] Kristensen TS. **Ugeskr Laeger** 1985 Apr 29;147(18):1507–12 (Eng. Abstr.) (Dan)

[The health and occupational environment of slaughterhouse workers. II. Occupational accidents] Kristensen TS. **Ugeskr Laeger** 1984 Dec 10;146(50):3952–7 (Eng. Abstr.) (Dan)

[The health and occupational environment of slaughterhouse workers. I. Description of background, methods and population] Kristensen TS. **Ugeskr Laeger** 1984 Dec 10; 146(50):3947–51 (Eng. Abstr.) (Dan)

[Blood pressure characteristics in hypertensive patients in change of environment (letter)] Such WH, et al. **Dtsch Med Wochenschr** 1984 Nov 23;109(47):1823–4 (Ger)

[Human ecology. Public health aspects of the environment, interiors and developments] **Schriftenr Ver Wasser Boden Lufthyg** 1985;63:1–157 (Ger)

[The environment and cancer] Rosskamp E. **Schriftenr Ver Wasser Boden Lufthyg** 1985;63:17–30 (17 ref.) (Ger)

[Game animals in the current cultural environment] Klingler K. **Schweiz Arch Tierheilkd** 1985 Apr;127(4):241–55 (Eng. Abstr.) (Ger)

[Clinicochemical parameters in the Camargue horse] Rüedi D, et al. **Schweiz Arch Tierheilkd** 1985 Apr;127(4):267–72 (Eng. Abstr.) (Ger)

[Cancer mortality in smaller regions with different structures and conditions of air quality] Möse JR, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Aug; 179(4):281–99 (Eng. Abstr.) (Ger)

[The past, present and future of environmental adaptation—biological aspects] Sakai A. **Ann Physiol Anthropol** 1984 Oct;3(4):346–7 (Jpn)

[The past, present and future of environmental adaptation, a viewpoint from clinical medicine] Yanaga T, et al. **Ann Physiol Anthropol** 1984 Oct;3(4):350–1 (Jpn)

[Monozygotic twins with SLE raised in different environments] Uchida K, et al. **Ryumachi** 1984 Aug; 24(4):263–71 (Eng. Abstr.) (Jpn)

[Effect of rearing conditions on nucleic acid synthesis in the brain of rats of different genotypes] Vitvitskaia LV, et al. **Biol Nauki** 1984;(8):26–31 (Eng. Abstr.) (Rus)

[Anticipatory reflection of a changing environment in the activity of central neurons] Shvyrkova NA, et al. **Vestn Akad Med Nauk SSSR** 1985;(2):16–24 (Eng. Abstr.) (Rus)

[Correlation between genetic and environmental factors in the display of predatory reactions in the rat] Rylov AL, et al. **Zh Vyssh Nerv Deiat** 1985 May–Jun;35(3):480–6 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

What causes nearsightedness? [news] Kolata G. **Science** 1985 Sep 20;229(4719):1249–50

ENVIRONMENT, CONTROLLED

see related
ATMOSPHERE EXPOSURE CHAMBERS
INCUBATORS

Certifying laminar-flow hoods properly [letter] Lu A. **Am J Hosp Pharm** 1985 Feb;42(2):287–8

Surface laboratory: its essentials and fundamentals. Baier RE. **Biomater Med Devices Artif Organs** 1984–85; 12(3–4):113–26

Laminar air flow versus barrier nursing in marrow transplant recipients. Mahmoud HK, et al. **Blut** 1984 Nov; 49(5):375–81

Ultradian and circadian respiratory rhythms in grouped small laboratory vertebrate species as a method to assess the effects of environmental challenges. Stupfel M, et al. **Comp Biochem Physiol** [A] 1985;80(2):225–31

Measurement of mean skin temperature of clothed persons in cool environments. Nielsen R, et al. **Eur J Applied Physiol** 1984;53(3):231–6

Influence of skin temperature distribution on thermal sensation in a cool environment. Nielsen R, et al. **Eur J Applied Physiol** 1984;53(3):225–30

A new method for raising neonatal rabbits in a hypoxic environment. Prestwich KN, et al. **J Appl Physiol** 1984 Dec;57(6):1913–6

Smith Kline & French Laboratories, Philadelphia, Pa. Sterile Operations facility. Blackmer RA. **J Parenter Sci Technol** 1984 Sep–Oct;38(5):183–9

Reduction of microbial dispersion by clothing. Whyte W, et al. **J Parenter Sci Technol** 1985 Jan–Feb;39(1):51–61

Nosocomial Legionnaires' disease. Epidemiologic demonstration of cooling towers as a source. Garbe PL, et al. **JAMA** 1985 Jul 26;254(4):521–4

Use of the flexible film isolator as a single circuit hypoxic chamber for small animals. Winter RJ, et al. **Lab Anim** 1985 Jul;19(3):258–61

Care of the pediatric oncology patient in a laminar air flow setting. A conceptual framework for nursing practice. Marshall D. **Nurs Clin North Am** 1985 Mar;20(1):67–81

Combined use of isolators with laminar air flow cabinet for xenografts in nude mice. Gosse C, et al. **Prog Clin Biol Res** 1985;181:43–5

A new workbench isolator. Trexler PC. **Prog Clin Biol Res** 1985;181:27–9

[Activity of the inflammatory process in convalescing burn patients during rehabilitation in an aseptic microclimate] Povstianoĭ NE, et al. **Klin Khir** 1985 Mar;(3):9–11 (Eng. Abstr.) **(Rus)**

[Treatment of burn patients in a controlled abacterial environment] Zheleznyĭ VI, et al. **Klin Khir** 1985 Mar;(3):33–5 (Eng. Abstr.) **(Rus)**

[Bacteriological control of the treatment of patients in wards with laminar air flow] Sologub VK, et al. **Klin Med (Mosk)** 1984 Aug;62(8):115–9 (Eng. Abstr.) **(Rus)**

[Treatment of extensive suppurative soft tissue wounds in a controlled bacteria-free environment] Kostiuchenok BM, et al. **Ortop Travmatol Protez** 1984 Oct;(10):9–14 (Eng. Abstr.) **(Rus)**

ENVIRONMENT DESIGN

Needs and opportunities in rehabilitation. Aids and the environment. Gloag D. **Br Med J [Clin Res]** 1985 Jan 19; 290(6463):220–3

Retirement communities and their life stages. La Greca AJ, et al. **J Gerontol** 1985 Mar;40(2):211–8

ENVIRONMENTAL AIR POLLUTANTS see **AIR POLLUTANTS, ENVIRONMENTAL**

ENVIRONMENTAL EXPOSURE

see related
OCCUPATIONAL DISEASES

Radiation exposure due to scatter in neonatal radiographic procedures. Sabau MN, et al. **AJR** 1985 Apr;144(4):811–4

A multivariate statistical method for the establishment of maximum allowable exposure to toxic materials in the workplace. Goldstein RB, et al. **Am J Ind Med** 1984; 6(6):459–73

Health effects studies of exposure from hazardous waste sites—where are we today? Phillips AM, et al. **Am J Ind Med** 1985;8(1):1–7

Sample preparation and system calibration for proton-induced X-ray emission analysis of hair from occupationally exposed workers. Clayton E, et al. **Anal Chem** 1985 May;57(6):1075–9

Biological monitoring of occupational exposure to toxic chemicals. Collection, processing, and storage of specimens. Aitio A, et al. **Ann Clin Lab Sci** 1985 Mar–Apr; 15(2):121–39 (183 ref.)

Anesthetic gas exposure. Protecting the OR environment. Brown DG, et al. **AORN J** 1985 Mar;41(3):590–1, 594, 596 passim

Outline to the investigation of an environmental exposure. Kanarek MS, et al. **Ecol Dis** 1983;2(4):409–10

A search for a threshold in the relationship of air pollution to mortality: a reanalysis of data on London winters. Ostro B. **Environ Health Perspect** 1984 Dec;58:397–9

A new method for determining allowable daily intakes. Crump KS. **Fundam Appl Toxicol** 1984 Oct;4(5):854–71

Personal dosimeter for ozone using the ozonolysis of trans-stilbene. Sawatari K. **Ind Health** 1984;22(2):117–26

Measurement of the laser exposure levels for burn threshold in biological tissue. Laufer G, et al. **J Biomech Eng** 1984 Aug;106(3):283–4

Method for estimating the human and environmental exposure potential of chemicals having designated uses. Byer WL. **J Chem Inf Comput Sci** 1985 May;25(2):84–90

Genetic regulation of immunoglobulin and specific antibody levels in twins reared apart. Kohler PF, et al. **J Clin Invest** 1985 Mar;75(3):883–8

Serial measurements of intra-oral air mercury: estimation of daily dose from dental amalgam. Vimy MJ, et al. **J Dent Res** 1985 Aug;64(8):1072–5

Spontaneous abortions and malformations in the offspring of nurses exposed to anaesthetic gases, cytostatic drugs, and other potential hazards in hospitals, based on registered information of outcome. Hemminki K, et al. **J Epidemiol Community Health** 1985 Jun;39(2):141–7

Evaluation of hazards from mixtures of chemicals in the occupational environment. Ballantyne B. **J Occup Med** 1985 Feb;27(2):85–94 (61 ref.)

Respiratory function and exposure-effect relationships in wood dust-exposed and control workers. Holness DL, et al. **J Occup Med** 1985 Jul;27(7):501–6

Effective measures to reduce xylene exposure. Engelmeier RL. **J Prosthet Dent** 1985 Apr;53(4):564–5

Right-to-know: implications of New Jersey's law. Koplin AN. **J Public Health Policy** 1984 Dec;5(4):538–49

Environmental hazards to elderly artists [letter] Conklin BR. **JAMA** 1984 Dec 14;252(22):3130

Risk assessment, management addressed at 'Prevention 85' [news] Goldsmith MF. **JAMA** 1985 Sep 20;254(11):1421–3, 1425

Leading work-related diseases and injuries—United States. **MMWR** 1985 Sep 6;34(35):537–40

NIOSH Current Intelligence Bulletins: summaries. July 1985. **MMWR** 1985 Aug 9;34 Suppl 2:33S–51S

Operating room pollution. Eisenkraft JB. **Mt Sinai J Med (NY)** 1984 Sep;51(5):564–8

Sister-chromatid exchange (SCE) report on control subjects in a study of occupationally exposed workers. Soper KA, et al. **Mutat Res** 1984 Oct;129(1):77–88

Seven day work schedule compounds noise exposure problem. Huggins RG, et al. **Occup Health Saf** 1985 Apr; 54(4):40–4, 60

Hazards of confined spaces require clearly defined policies. Loud JJ. **Occup Health Saf** 1985 Apr;54(4):34, 36, 38–9

Extensions to a technique for relating mortality and environment—exemplified by nasal cancer and industry. Gardner MJ, et al. **Scand J Work Environ Health** 1984 Aug;10(4):219–23

Current trends in the biological monitoring of exposure to carcinogens. Vainio H. **Scand J Work Environ Health** 1985 Feb;11(1):1–6 (45 ref.)

[Health consequences of the use of mineral wool products in housing and industrial buildings] Rindel A, et al. **Ugeskr Laeger** 1984 Jul 23;146(30):2255–9 (Eng. Abstr.) **(Dan)**

[Lead removed from gasoline?] Zielhuis RL. **Ned Tijdschr Geneeskd** 1984 Sep 1;128(35):1663–6 **(Dut)**

[Medical and health problems raised by nuclear poisons] Jammet H. **Bull Acad Natl Med (Paris)** 1984 Jan–Feb; 168(1–2):120–3 (Eng. Abstr.) **(Fre)**

[The environment and the immune system] Baenkler HW. **Dtsch Med Wochenschr** 1985 Feb 22;110(8):312–5 **(Ger)**

[Arsenic exposure of various groups of persons] Krause C. **Schriftenr Ver Wasser Boden Lufthyg** 1984;59:201–14 **(Ger)**

[Indoor and outdoor lead burden in pregnant women and newborn infants in the Nordenham region] Thron HL, et al. **Schriftenr Ver Wasser Boden Lufthyg** 1984;59:231–52 **(Ger)**

[N-hexane and toluene in the urine of occupationally exposed subjects. Measurement and significance of its presence] Imbriani M, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30; 60(10):1919–25 (Eng. Abstr.) **(Ita)**

[Validity of biological tests for the surveillance of exposed workers] Bertazzi PA. **Med Lav** 1984 Jul–Aug;75(4):264–74 (Eng. Abstr.) **(Ita)**

[Recommendations of maximum permissible exposure level (1984), made by Japanese Society of Industrial Health] **Sangyo Igaku** 1984 Jul;26(4):339–64 **(Jpn)**

[The dynamic toxic load indicator and causes of error] Pinigin MA. **Gig Sanit** 1984 Nov;(11):68–70 **(Rus)**

[Advantages of the LD0 parameter over the LD50] Sheftel' VO. **Gig Sanit** 1984 Nov;(11):66–7 **(Rus)**

PREVENTION & CONTROL

Improvement in conditions at an amalgamation plant after an industrial hygiene survey. Rendall RE, et al. **S Afr Med J** 1984 Sep 15;66(11):413–4

ENVIRONMENTAL HEALTH

see related
ACCIDENTS

Guidelines as to what constitutes an adverse respiratory health effect, with special reference to epidemiologic studies of air pollution. **Am Rev Respir Dis** 1985 Apr; 131(4):666–8

Development of occupational and environmental medicine in Sweden. Rinder L. **Arh Hig Rada Toksikol** 1983 Dec; 34(4):357–60

The relevance of sister chromatid exchange studies to public health: prevention and intervention. Introduction to a general discussion on the interpretation of sister chromatid exchange data. Tsongas TA. **Basic Life Sci** 1984;29 Pt B:987–90

The environment we create. FitzPatrick MS. **Can J Public Health** 1985 May–Jun;76 Suppl 1:67–8

Resources available for patient evaluation. Blanke RV. **Clin Lab Med** 1984 Sep;4(3):499–506

Microcomputers and the work of a medical officer for environmental health at district. Jessop EG, et al. **Community Med** 1985 May;7(2):122–5

The clinician's role in environmental protection. Steensberg J. **Ecol Dis** 1982;1(1):93–5

Health impact of radioactive debris from the satellite Cosmos 954. Tracy BL, et al. **Health Phys** 1984 Aug;47(2):225–33

'The past is prologue...'. Sabol BJ. **Kans Med** 1985 Jun; 86(6):177–9

Automation and integration of health information systems. Rappaport W. **Occup Health Saf** 1985 May;54(5):26–7, 29

Acid rain: a threat to community health. Kauffman R. **Ohio State Med J** 1985 Mar;81(3):168–9, 199, 201

The environment—another perspective. Mick BA. **Ohio State Med J** 1985 Mar;81(3):191–2

Ohio's environment: how safe is it? Porter S. **Ohio State Med J** 1985 Mar;81(3):163–7

The United States-Mexico border: health problems and opportunities. Scutchfield FD. **Pharos** 1985 Spring; 48(2):9–11

Influence of fetal and neonatal environment on physical, psychological, and intellectual development: workshop summary. Swaab DF. **Prog Clin Biol Res** 1985;163B:463–7

The influence of chemicals and environment on brain development; 'behavioral teratology'. Swaab DF, et al. **Prog Clin Biol Res** 1985;163B:447–51

Credentialing and job practice in environmental health: an empirical study. Cline CS. **Public Health Rep** 1985 Jul–Aug;100(4):427–32

The role of certain socio-sanitary factors in conditioning the quality of man's life. Part One. Zamfir G, et al. **Sante Publique (Bucur)** 1984;27(2):125–40 (108 ref.)

[Effect of environmental factors on the body response reactions in newborn calves] Delev K, et al. **Vet Med Nauki** 1985;22(5):66–74 (Eng. Abstr.) **(Bul)**

[The environment and health in a socialist society. 12th Faculty seminar of the School of General Medicine of Charles University in Prague. 10–11 October 1984. Abstracts] **Sb Lek** 1985 Feb;87(2–3):33–80 **(Cze)**

[The environmental system, its study and management] Cabart J, et al. **Sb Lek** 1985 Apr;87(4):81–5 (Eng. Abstr.) **(Cze)**

[A medico-environmental system of health surveillance of workers] Vezina M, et al. **Arch Belg** 1984;42(1–2):130–7 **(Fre)**

[Health and the environment in the face of advances in biotechnology] Lafontaine A. **Bull Mem Acad R Med Belg** 1984;139(8–9):437–48 (Eng. Abstr.) **(Fre)**

[The law, a possible factor in the promotion of preventive medicine?] Borghi M. **Soz Praventivmed** 1985;30(3):180–3 (Eng. Abstr.) **(Fre)**

[Current questions concerning the general toxicology of pesticides] Hapke HJ. **DTW** 1984 Jul 24;91(7–8):264–6 (Eng. Abstr.) **(Ger)**

[Use of medical literature data banks in problems of environmental hygiene] Deuckert I. **Schriftenr Ver Wasser Boden Lufthyg** 1985;63:31–4 **(Ger)**

[Introduction to environmental health from the viewpoint of relevance to humans] Seeber E. **Schriftenr Ver Wasser Boden Lufthyg** 1985;63:1–5 **(Ger)**

[Prevention in health and environmental policy] Pedroli R. **Soz Praventivmed** 1985;30(3):184–6 (Eng. Abstr.) **(Ger)**

[Use of the lymphocyte nucleolar test for group diagnostic studies in environmental hygiene] Pfeifer I. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Oct; 179(5):397–405 (Eng. Abstr.) **(Ger)**

[Nuclear plants: hygienic aspects and protection of the population] Tagliaferri V, et al. **Nuovi Ann Ig Microbiol** 1983 Sep–Oct;34(5):387–419 (37 ref.) (Eng. Abstr.) **(Ita)**

[Proceeding of the 55th annual meeting of the Japanese Society for Hygiene. Kumamoto, Japan, April 2–4, 1985. Abstracts] **Nippon Eiseigaku Zasshi** 1985 Apr;40(1):1–565 **(Jpn)**

[2d symposium of the University of Occupational and Environmental Health. 20 October 1984, Kitakyushu, Japan. Abstracts] **Sangyo Ika Daigaku Zasshi** 1985 Mar 1; 7(1):113–37 **(Jpn)**

[Variation of the concentration of immunoglobulins and serum proteins as a function of: the environment, age and sex] Popa D, et al. **Rev Ig [Bacteriol]** 1984 Oct–Dec; 29(4):325–31 (Eng. Abstr.) **(Rum)**

[Several methodological approaches to the study of environmental exposure on the health of the population in a territorial industrial zone (the Carpathian region)] Bezkopyl'nyĭ IN. **Gig Sanit** 1984 Nov;(11):24–7 (Eng. Abstr.) **(Rus)**

[Experience in researching the total impact of environmental factors on the health of children] Dimitriev AD, et al. **Gig Sanit** 1985 Jun;(6):33–4 (Eng. Abstr.) **(Rus)**

[Modern approaches to the solution of health issues in environmental protection] Shitskova AP, et al. **Gig Sanit** 1984 Nov;(11):4–7 (Eng. Abstr.) **(Rus)**

[Principal achievements and prospects for the development of Soviet hygienic science] Sidorenko GI. **Gig Sanit** 1984 Sep;(9):4–8 **(Rus)**

[Methodologic aspects of environmental protection] Ivaniushkin AIa. **Gig Tr Prof Zabol** 1985 Jun;(6):1–5 **(Rus)**

[The 1982–1983 Taylor Lectures in the USA] Gus'kova AK. **Med Radiol (Mosk)** 1985 Feb;30(2):56–8 **(Rus)**

[Scope and type of activities of specialists of the sanitary hygienic laboratories with regard to environmental control] Belotserkovskaia LI, et al. **Sov Zdravookhr** 1984;(5):43–5 (Eng. Abstr.) **(Rus)**

[Protection of the environment and health] Sidorenko GI, et al. **Sov Zdravookhr** 1985;(1):7–12 (Eng. Abstr.) **(Rus)**

[Health and the environment] Vorob'ev EI. **Vestn Akad Med Nauk SSSR** 1985;(5):84–90 (Eng. Abstr.) **(Rus)**

[Further comment on sapronoses] Somov GP. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May;(5):98–103 (18 ref.) **(Rus)**

[A contemporary model of environmental health sciences: its application in the recruitment of faculty and in academic development] Guidotti TL, et al. **Educ Med Salud** 1985; 19(2):173–86 (Eng. Abstr.) **(Spa)**

[The environment and health. 1] de la Lama y López-Areal J, et al. **Rev Sanid Hig Publica (Madr)** 1984 May–Jun; 58(5–6):463–79 (Eng. Abstr.) **(Spa)**

[The environment and health. 2] de la Lama y López Areal J, et al. **Rev Sanid Hig Publica (Madr)** 1984 Jul–Aug;

58(7–8):715–38 (Eng. Abstr.) (Spa)

[Various aspects of environmental health] De la Serna J. **Rev Sanid Hig Publica (Madr)** 1983 Sep–Oct; 57(9–10):917–31 (Eng. Abstr.) (Spa)

STANDARDS

[Composite appraisal method for labor health environment] Chen SQ. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1985 Mar;19(2):97–9 (Eng. Abstr.) (Chi)

TRENDS

[Results and prospects for USSR cooperation with international organizations in the field of environmental health] Litvinov NN, et al. **Gig Sanit** 1985 Mar;(3):50–3 (Rus)

[State and perspectives of developing environmental health research in the Ukraine] Shandala MG, et al. **Gig Sanit** 1984 Aug;(8):4–7 (Eng. Abstr.) (Rus)

ENVIRONMENTAL MICROBIOLOGY

The use of GC/MS analysis and fungal culturing in a pulp mill industrial hygiene program. Cohn KK, et al. **Am Ind Hyg Assoc J** 1984 Sep;45(9):594–7

Lysogenicity and prophage type of the strains of Vibrio cholerae O–1 isolated mainly from the natural environment. Shimodori S, et al. **Am J Epidemiol** 1984 Nov;120(5):759–68

Biochemical and serologic characterization of Klebsiella strains from bovine mastitis and the environment of the dairy cow. Nonnecke BJ, et al. **Am J Vet Res** 1984 Nov; 45(11):2451–4

A volumetric–aerobiologic study of seasonal fungus prevalence inside and outside dwellings of asthmatic patients living in northeast Netherlands. Beaumont F, et al. **Ann Allergy** 1984 Dec;53(6):486–92

Application of DNA–DNA colony hybridization to the detection of catabolic genotypes in environmental samples. Sayler GS, et al. **Appl Environ Microbiol** 1985 May; 49(5):1295–303

Relationship between serotypes of Salmonellae from hatcheries and rearing farms and those from processed poultry carcases. Lahellec C, et al. **Br Poult Sci** 1985 Apr; 26(2):179–86

Environmental virology. A review. Banker DD. **Indian J Med Sci** 1984 Oct;38(10):209–17 (18 ref.)

Habitat association of Klebsiella species. Bagley ST. **Infect Control** 1985 Feb;6(2):52–8 (94 ref.)

Pseudomonas aeruginosa infection–evidences of amphixenosis. Pajnoo JL, et al. **Int J Zoonoses** 1984 Jun; 11(1):39–44

Effect of adding sodium taurocholate to selective media on the recovery of Clostridium difficile from environmental surfaces. Buggy BP, et al. **J Clin Microbiol** 1985 Apr; 21(4):636–7

Environmental pathogens and intramammary infection during the dry period. Smith KL, et al. **J Dairy Sci** 1985 Feb;68(2):402–17

Survival of cytomegalovirus on environmental surfaces. Faix RG. **J Pediatr** 1985 Apr;106(4):649–52

Bar soap and liquid soap [letter] Kabara JJ. **JAMA** 1985 Mar 15;253(11):1560–1

Environmental mycobacteria in Korea. I. Distribution of the organisms. Jin BW, et al. **Microbiol Immunol** 1984; 28(6):667–77

Environmental viruses—can they be stopped? Ward RL. **Ohio State Med J** 1985 Mar;81(3):171, 173

[Modified rapid method for the quantitative determination of S. aureus in food products and washings] Gogov I. **Vet Med Nauki** 1985;22(1):58–62 (Eng. Abstr.) (Bul)

[A survey of the sources of contamination of Chinese paper money and the disinfective activity of microwaves] Zhang JP. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug; 5(4):237–41 (Eng. Abstr.) (Chi)

[Possible role of arthropods in the circulation and distribution of plasmids] Britz L. **Angew Parasitol** 1984 Aug;25(3):141–7 (Eng. Abstr.) (Ger)

[Aero–thermophilic stabilization of sewage sludge] Leschber R, et al. **Schriftenr Ver Wasser Boden Lufthyg** 1984; 57:147–59 (Ger)

[Isolation of Campylobacter species in slaughter animals and in a slaugtherhouse environment] Kürsteiner P, et al. **Schweiz Arch Tierheilkd** 1985 Mar;127(3):231–8 (Eng. Abstr.) (Ger)

[Occurrence of enteritis–causing agents in private households—a pilot study] Borneff J, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb; 180(2–3):319–34 (Eng. Abstr.) (Ger)

[Usefulness of bacteriological monitoring in an intensive care center] Degasperi D, et al. **Minerva Anestesiol** 1984 Nov; 50(11):555–67 (Eng. Abstr.) (Ita)

[Exogenous infections and environmental flora. Criteria for the characterization of bacteria and parameters influencing their spread] Pessione E, et al. **Minerva Med** 1985 Feb 25; 76(7):261–8 (Eng. Abstr.) (Ita)

[Methodological approach to the study of microbial contamination in domestic waste (reused textile material)] Aizen MS, et al. **Gig Sanit** 1984 Nov;(11):50–1 (Rus)

[Study of the dynamics of skin and throat automicroflora and the bacterial contamination of underwear in miners] Kozlov OIu, et al. **Gig Sanit** 1984 Oct;(10):88–9 (Rus)

[Gram–negative conditionally pathogenic microflora in hospitals and its resistance to chloramine] Trukhina GM, et al. **Gig Sanit** 1985 May;(5):82–4 (Rus)

[Protective barriers and area zoning in laboratories for maximum protection] Votiakov VI, et al. **Gig Sanit** 1984 Oct;(10):89–91 (Rus)

[Composition and dynamics of the bacteriocenosis accompanying algae in human biological life support systems] Kondrat'eva EM. **Kosm Biol Aviakosm Med** 1985 Mar–Apr;19(2):69–74 (Eng. Abstr.) (Rus)

[Characteristics of microflora development on the structural materials used in hermetically sealed life support quarters] Viktorov AN, et al. **Kosm Biol Aviakosm Med** 1985 Mar–Apr;19(2):66–9 (Eng. Abstr.) (Rus)

[Results of microbiological research conducted during the mission of the Saliut–6 orbital station] Zaloguev SN, et al. **Kosm Biol Aviakosm Med** 1985 Mar–Apr;19(2):64–6 (Eng. Abstr.) (Rus)

[Evaluation of different methods of studying microbial contamination of objects in the external environment] Espaev BA, et al. **Lab Delo** 1985;(4):241–3 (Eng. Abstr.) (Rus)

[Taxonomic identification of gram–negative nonfermenting microorganisms in environmental research] Kalina GP, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):3–11 (Eng. Abstr.) (Rus)

[Arginine medium for the isolation and primary identification of Pseudomonas aeruginosa in environmental objects] Kalina GP. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct; (10):30–6 (Eng. Abstr.) (Rus)

[Results of the comparative use of virological and bacteriological control of routine disinfection in maternity homes] Levi MI, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):40–4 (Eng. Abstr.) (Rus)

[Further comment on sapronoses] Somov GP. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May;(5):98–103 (18 ref.) (Rus)

ENVIRONMENTAL POLLUTANTS

Grassroots environmentalism under legal attack: dandelions, pesticides, and a neighbor's right–to–know. Christoffel T. **Am J Public Health** 1985 May;75(5):565–7

Bis–(2–ethylhexyl) phthalate, an ubiquitous environmental contaminant. Griffiths WC, et al. **Ann Clin Lab Sci** 1985 Mar–Apr;15(2):140–51

Symposium on environmental and occupational health hazards. **Clin Lab Med** 1984 Sep;4(3):449–639

The behavior of toxic compounds in the environment. Mills AL. **Clin Lab Med** 1984 Sep;4(3):451–9

Sources and fate of polychlorinated dibenzodioxins, dibenzofurans and related compounds in human environments. Tiernan TO, et al. **Environ Health Perspect** 1985 Feb;59:145–58

Abstracts of the sixteenth annual meeting of the Environmental Mutagen Society. Las Vegas, Nevada, February 25–March 1, 1985. **Environ Mutagen** 1985;7 Suppl 3:1–99

Probability for human intake of an atom randomly released into ground, rivers, oceans and air. Cohen BL. **Health Phys** 1984 Aug;47(2):281–92

Environmental nickel pathways to man. Bennett BG. **IARC Sci Publ** 1984;(53):487–95

Method for estimating the human and environmental exposure potential of chemicals having designated uses. Byer WL. **J Chem Inf Comput Sci** 1985 May;25(2):84–90

Selected abstracts of papers presented at the 12th annual meeting of the Environmental Mutagen Society of Japan. 28–29 October 1983, Tokushima (Japan). **Mutat Res** 1984 Oct;130(5):361–86

Variability of cadmium and lead concentrations in bird feathers. Dmowski K, et al. **Naturwissenschaften** 1984 Dec; 71(12):639–40

Toxic agent and radiation control: meeting the 1990 objectives for the nation. Rall DP. **Public Health Rep** 1984 Nov–Dec;99(6):532–8

Statistical methodologies of dose–response relationship in epidemiology. Park CB. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:175–82

[Environmental toxicology and public health service—literature references for practical use] Ewers U, et al. **Off Gesundheitswes** 1985 Jun;47(6):261–4 (Ger)

[The why and wherefore of biologic monitoring] Telišman S. **Arh Hig Rada Toksikol** 1984 Sep;35(3):285–9 (Scr)

ADVERSE EFFECTS

Environmental factors in the provocation of asthma and hay fever. Allen DH. **Aust Fam Physician** 1985 Mar;14(3):172–6

Induction of aneuploidy, a cluster of babies with Down's syndrome, and a potential danger with in vitro fertilization [letter] Bond DJ. **Br Med J [Clin Res]** 1984 Oct 6; 289(6449):921–2

The prospects for chemical Darwinism. Ayres SM. **Bull Environ Contam Toxicol** 1984 Dec;33(6):631–5

Lessons for living in a chemical world. Selikoff IJ. **Bull Environ Contam Toxicol** 1984 Dec;33(6):682–95 (1 ref.)

Determination and measurement of human exposure to the dibenzo–p–dioxins. Young AL. **Bull Environ Contam Toxicol** 1984 Dec;33(6):702–9

Resources available for patient evaluation. Blanke RV. **Clin Lab Med** 1984 Sep;4(3):499–506

Direct and indirect chemical exposure in children. Garrettson LK. **Clin Lab Med** 1984 Sep;4(3):469–73 (19 ref.)

Hepatic injury due to environmental agents. Guzelian PS **Clin Lab Med** 1984 Sep;4(3):483–8 (17 ref.)

Relationship between dose and health effects. Kimbrough RD. **Clin Lab Med** 1984 Sep;4(3):507–19 (46 ref.)

Urinary D–glucaric acid excretion in the Seveso area, polluted by tetrachloro–dibenzo–p–dioxin (TCDD): five years of experience. Idéo G, et al. **Environ Health Perspect** 1985 May;60:151–7

New techniques for imaging and analyzing lung tissue. Roggli VL, et al. **Environ Health Perspect** 1984 Jun;56:163–83 (92 ref.)

Information on the International Programme on Chemical Safety /UNEP/ILO/WHO/. Mercier M. **Geogr Med** 1984; 14:344–59

Apocalypse movement [letter] Solomon RD. **Hum Pathol** 1985 Aug;16(8):860

Environmental reactions to chemical, physical, and biologic agents. Taylor JS, et al. **J Am Acad Dermatol** 1984 Nov; 11(5 Pt 2):1007–19 (87 ref.)

A computer–administered neurobehavioral evaluation system for occupational and environmental epidemiology. Rationale, methodology, and pilot study results. Baker EL, et al. **J Occup Med** 1985 Mar;27(3):206–12

The aetiology of SMON may involve an interaction between clioquinol and environmental metals. Tjälve H. **Med Hypotheses** 1984 Nov;15(3):293–9

Effect of environmental factors on induced chromosomal aberrations in newborns. Kučerová M, et al. **Mutat Res** 1985 Aug;143(4):271–4

The 1984 Association Lecture of the Hospital Physicists' Association. Man and his environment. Fremlin JH **Phys Med Biol** 1985 Jan;30(1):1–9

The noxious potential of some chemical pollutants common to present–day life and work environment. Zamfir G, et al. **Sante Publique (Bucur)** 1984;27(1):45–64 (70 ref.)

An overview of environmental and toxicological aspects of aromatic hydrocarbons. I. Benzene. Fishbein L. **Sci Total Environ** 1984 Dec;40:189–218

Health and environmental implications of trace metals released from coal–fired power plants: an assessment study of the situation in the European Community. Sabbioni E, et al. **Sci Total Environ** 1984 Dec;40:141–54

[Possible role of environmental factors in the development of congenital chromosomal aberrations] Kučerová M, et al. **Cesk Gynekol** 1985 Apr;50(3):183–7 (Eng. Abstr.) (Cze)

[Carcinogenic agents in our environment] Norpoth K. **Acta Med Austriaca** 1985;12(1):1–8 (Eng. Abstr.) (Ger)

[An overview of environment–related lung diseases in domestic animals] Stünzi H, et al. **Ther Umsch** 1985 May; 42(5):138–48 (Eng. Abstr.) (Ger)

[Effect of enzyme inducers on biotransformation] Ruckpaul K, et al. **Z Gesamte Hyg** 1984 Sep;30(9):482–4 (Eng. Abstr.) (Ger)

[Immunotoxicology. Its field of research, clinical significance, practical results] Dési I, et al. **Orv Hetil** 1985 Aug 18; 126(33):2015–20 (Eng. Abstr.) (Hun)

[Chronic lead poisoning caused by environmental pollution] Kittel M. **Pol Tyg Lek** 1984 May 21;39(21):729–34 (Pol)

[Information value of indices of the functional state of an organism at different levels of chemical pollution] Prokopenko IuI, et al. **Gig Sanit** 1984 Oct;(10):11–4 (Eng. Abstr.) (Rus)

[Experience and outlook of research on chemical carcinogens in the environment] Shandala MG, et al. **Gig Sanit** 1985 Jun;(6):7–10 (Eng. Abstr.) (Rus)

ANALYSIS

Determination of part–per–trillion levels of polychlorinated dibenzofurans and dioxins in environmental samples. Smith LM, et al. **Anal Chem** 1984 Sep;56(11):1830–42

Lead pollution in Antwerpen, Belgium. Eylenbosch WJ, et al. **Ann Acad Med Singapore** 1984 Apr;13(2):224–30

Environmental specimen banking. Hitherto gained experience and possible future prospects. Stoeppler M. **Arch Belg** 1984; Suppl:354–65

Chemical and biological characterization of volatile components of environmental samples after fractionation by vacuum line cryogenic distillation. Hanson RL, et al. **Arch Environ Contam Toxicol** 1985 May;14(3):289–97

Residue levels of polychlorobiphenyls, sigmaDDT, and mercury in bird species commonly preyed upon by the peregrine falcon (Falco peregrinus Tunst.) in Sweden. Lindberg P, et al. **Arch Environ Contam Toxicol** 1985 Mar; 14(2):203–12

Metals in riparian wildlife of the lead mining district of southeastern Missouri. Niethammer KR, et al. **Arch Environ Contam Toxicol** 1985 Mar;14(2):213–23

Persistence and fate of polynuclear aromatic hydrocarbons deposited on slash burn sites in the Cascade Mountains and Coast Range of Oregon. Sullivan TJ, et al. **Arch Environ Contam Toxicol** 1985 Mar;14(2):187–92

Environmental chemistry of 1,2–propanediol dinitrate: azeotrope formation, photolysis and biodegradability. Wyman JF, et al. **Arch Environ Contam Toxicol** 1984 Nov; 13(6):647–52

The determination of environmental 2–ethoxyethanol by gas chromatography. Sidhu KS. **Arch Toxicol** 1984 Oct; 55(4):272–5

Isolation and characterization of palmitoylpentachlorophenol from human fat. Ansari GA, et al.

Bull Environ Contam Toxicol 1985 May;34(5):661–7

Identification of asbestos and glass fibers in municipal sewage sludges. Bishop K, et al. **Bull Environ Contam Toxicol** 1985 Mar;34(3):301–8

Heavy metals in lamb liver: contribution from atmospheric fallout. Frøslie A, et al. **Bull Environ Contam Toxicol** 1985 Feb;34(2):175–82

Heavy metal concentrations of duck tissues in relation to ingestion of spent shot. Hall SL, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):163–72

Tissue distribution of trace elements and DDE in brown pelicans. Ohlendorf HM, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):183–92

House treatment with organochlorine pesticides and their levels in human milk—Perth, Western Australia. Stacey CI, et al. **Bull Environ Contam Toxicol** 1985 Aug; 35(2):202–8

Organochlorine concentrations, whole body weights, and lipid content of black skimmers wintering in Mexico and in south Texas, 1983. White DH, et al. **Bull Environ Contam Toxicol** 1985 Apr;34(4):513–7

Quantification and distribution of polychlorinated biphenyls in farm silos. Willett LB, et al. **Bull Environ Contam Toxicol** 1985 Jul;35(1):51–60

The Environmental Model Segment Approach for estimating potential environmental concentrations. I. The model. Frische R, et al. **Ecotoxicol Environ Safety** 1984 Aug; 8(4):352–62

Environmental contaminants in human fat: a comparison between accidental and nonaccidental causes of death. Mes J, et al. **Ecotoxicol Environ Safety** 1985 Aug;10(1):70–4

The Environmental Model Segment Approach for estimating potential environmental concentrations. II. Application of the model to p-dichlorobenzene and trichloroethene. Rippen G, et al. **Ecotoxicol Environ Safety** 1984 Aug; 8(4):363–77

Utilization of adipose tissue biopsy in characterizing human halogenated hydrocarbon exposure. Anderson HA. **Environ Health Perspect** 1985 May;60:127–31

Analysis of polychlorinated dibenzofurans, dioxins and related compounds in environmental samples. Buser HR, et al. **Environ Health Perspect** 1985 May;60:293–302

Recent PCB accidents in Finland. Elo O, et al. **Environ Health Perspect** 1985 May;60:315–9

Chemical and biological investigations of a transformer accident at Binghamton, NY. O'Keefe PW, et al. **Environ Health Perspect** 1985 May;60:201–9

Assessment of human exposure to polychlorinated dibenzofurans and dioxins. Rappe C, et al. **Environ Health Perspect** 1985 May;60:303–4

Strategies and techniques for sample collection and analysis: experience from the Swedish PCB accidents. Rappe C, et al. **Environ Health Perspect** 1985 May;60:279–92

Study of human lactation for effects of environmental contaminants: the North Carolina Breast Milk and Formula Project and some other ideas. Rogan WJ, et al. **Environ Health Perspect** 1985 May;60:215–21

Occupational exposure to polychlorinated dioxins, polychlorinated furans, polychlorinated biphenyls, and biphenylenes after an electrical panel and transformer accident in an office building in Binghamton, NY. Schecter A, et al. **Environ Health Perspect** 1985 May;60:305–13

Polychlorinated dibenzo-p-dioxins and dibenzofurans in fly ash and cinders collected from several municipal incinerators in Japan. Wakimoto T, et al. **Environ Health Perspect** 1985 Feb;59:159–62

Omaha childhood blood lead and environmental lead: a linear total exposure model. Angle CR, et al. **Environ Res** 1984 Oct;35(1):160–70

Analysis for trichothecenes in samples from Southeast Asia associated with 'Yellow Rain'. Watson SA, et al. **Fundam Appl Toxicol** 1984 Oct;4(5):700–17

Calculation of 90Sr and 89Sr concentrations in environmental samples using a generalized linear system. Broadway JA, et al. **Health Phys** 1984 Sep;47(3):458–62

Evaluation of the sweep co-distillation cleanup technique for the determination of environmental contaminants in human adipose tissue. Mes J, et al. **Int J Environ Anal Chem** 1985;19(3):203–12

Industrial lead contamination of an Illinois wildlife refuge and indigenous small mammals. Kisseberth WC, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1309–13

High-performance liquid chromatographic studies of environmental carcinogens in China. Xu XB, et al. **J Chromatogr** 1984 Dec 28;317:545–55

Determination of polycyclic aromatic hydrocarbons in environmental samples by high performance thin-layer chromatography and fluorescence scanning densitometry. Butler HT, et al. **J Chromatogr Sci** 1985 May;23(5):200–7

Organochlorine residues in two Norwegian puffin (Fratercula arctica) colonies. Ingebrigtsen K, et al. **J Toxicol Environ Health** 1984;14(5–6):813–28

A new possibility for simultaneous determination of radioactive and stable isotopes in environmental samples by the substoichiometric method. Ikeda N, et al. **Radioisotopes** 1985 Feb;34(2):99–100

Mercury in feathers of wild birds from the mercury-polluted area along the shore of the Shiranui Sea, Japan. Doi R, et al. **Sci Total Environ** 1984 Dec;40:155–67

Selenium and its interrelation with mercury in wholeblood and hair in an East Greenlandic population. Hansen JC, et al. **Sci Total Environ** 1984 Sep;38:33–40

Environmental lead exposure of an urban Indian population. Khandekar RN, et al. **Sci Total Environ** 1984 Dec;40:269–78

Pollutants in harp seals (Phoca groenlandica). II. Heavy metals and selenium. Ronald K, et al. **Sci Total Environ** 1984 Sep;38:153–66

Pollutants in harp seals (Phoca groenlandica). I. Organochlorines. Ronald K, et al. **Sci Total Environ** 1984 Sep;38:133–52

Oxidation of persistent environmental pollutants by a white rot fungus. Bumpus JA, et al. **Science** 1985 Jun 21; 228(4706):1434–6

[Blood and atmospheric lead in the Canton of Geneva] Veuthey JL, et al. **Rev Med Suisse Romande** 1984 Dec; 104(12):1005–12 **(Fre)**

[Residues and pollutants in breast milk] **Monatsschr Kinderheilkd** 1984 Oct;132(10):811–3 **(Ger)**

[Ecochemical and ecotoxicologic criteria in the evaluation of environmental chemicals: data collection] Koch R. **Z Gesamte Hyg** 1984 Nov;30(11):591–6 (Eng. Abstr.) **(Ger)**

[Contamination of oaks by heavy metals] Ottaviani M, et al. **Ann Ist Super Sanita** 1983;19(2–3):471–4 (Eng. Abstr.) **(Ita)**

[Quantitative measurement of 125I with NaI(Tl) scintillation survey meter] Nishizawa K. **Radioisotopes** 1985 Feb; 34(2):78–82 (Eng. Abstr.) **(Jpn)**

[Low level alpha activity measurements with pulse shape discrimination—application to the determination of alpha-nuclides in environmental samples] Satoh K, et al. **Radioisotopes** 1984 Dec;33(12):841–6 (Eng. Abstr.) **(Jpn)**

[Arsenic content of plant food products from the vicinity of copper-processing plants] Grajeta H, et al. **Rocz Panstw Zakl Hig** 1984;35(5):393–7 (Eng. Abstr.) **(Pol)**

[Evaluation of lead exposure of the population of selected regions in the Legnica-Głogów Copper Mining District by the indicator method] Gzyl J, et al. **Rocz Panstw Zakl Hig** 1984;35(5):399–403 (Eng. Abstr.) **(Pol)**

[Beryllium in the external environment and in the human body] Bugrushev PF, et al. **Gig Sanit** 1985 May;(5):54–8 **(Rus)**

[Technic of chromatography in a thin-layer of sorbent in the sanitary chemistry of polymers] Kataeva SE. **Gig Sanit** 1984 Sep;(9):51–3 **(Rus)**

[Use of kinetic regularities in hygiene studies] Pavlov VN, et al. **Gig Sanit** 1984 Nov;(11):57–9 (14 ref.) **(Rus)**

METABOLISM

Degradation of halogenated aliphatic compounds by Xanthobacter autotrophicus GJ10. Janssen DB, et al. **Appl Environ Microbiol** 1985 Mar;49(3):673–7

Environmental pollution by cadmium and cadmium body burden: an autopsy study. Lauwerys R, et al. **Toxicol Lett** 1984 Dec;23(3):287–9

PHARMACODYNAMICS

Reconstituted halogenated hydrocarbon pesticide and pollutant mixtures found in human tissues: effects on the immature male Wistar rat after short-term exposure. Gyorkos J, et al. **Can J Physiol Pharmacol** 1985 Jan; 63(1):36–43

Concentration-dependent inhibition of development of GGT positive foci in rat liver by the environmental contaminant di(2-ethylhexyl) phthalate. DeAngelo AB, et al. **Environ Health Perspect** 1985 May;60:381–5

['Environment and fertility'. A contribution to the sensitivity of male germ cells to environmental pollutants] Hilscher W. **Z Hautkr** 1985 Jul 1;60(13):1040, 1045–51, 1059–65 (47 ref.) (Eng. Abstr.) **(Ger)**

POISONING

A study of pregnancy outcome in a small area around a chemical factory and a chemical dump. Källén B, et al. **Environ Res** 1985 Aug;37(2):313–9

Acid-rain and human health [editorial] **Lancet** 1985 Mar 16; 1(8429):616–8

[Neurotoxicity—an old and new threat to mankind] Schreiber V. **Cas Lek Cesk** 1985 Sep 6;124(36):1121–4 (Eng. Abstr.) **(Cze)**

[Contamination of the environment with mercury—its health problems. II. Toxic effects of mercury and its compounds] Ludwicki JK. **Rocz Panstw Zakl Hig** 1985;36(1):1–8 (47 ref.) (Eng. Abstr.) **(Pol)**

[Health effects of arsenic] Pershagen G, et al. **Lakartidningen** 1984 Sep 5;81(36):3137–9 **(Swe)**

TOXICITY

An overview of occupational safety and health guidelines for Superfund sites. Ferguson JS, et al. **Am Ind Hyg Assoc J** 1985 Apr;46(4):175–80

A microbial assay for determining the influence of physicochemical environmental factors on the toxicity of organics: phenol. Babich H, et al. **Arch Environ Contam Toxicol** 1985 Jul;14(4):409–15

Changes in eggshell thickness during incubation: implications for evaluating the impact of organochlorine contaminants on productivity. Bunck CM, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):173–82

Effect of bacterial cultures on microbial toxicity assessment. Liu D. **Bull Environ Contam Toxicol** 1985 Mar;34(3):331–9

Volatility of ten priority pollutants from fortified avian toxicity test diets. McCrady JK, et al. **Bull Environ Contam Toxicol** 1985 May;34(5):634–44

Simple detection of potential pollutant effects on fungal growth, sclerotia formation and germination. Rogers JE, et al. **Bull Environ Contam Toxicol** 1985 May;34(5):684–90

The present status of biological effects of toxic metals in the environment: lead, cadmium, and manganese. Shukla GS, et al. **Can J Physiol Pharmacol** 1984 Aug;62(8):1015–31 (187 ref.)

Tumorigenicity of fluoranthene in a newborn mouse lung adenoma bioassay. Busby WF Jr, et al. **Carcinogenesis** 1984 Oct;5(10):1311–6

Structure-activity relationships for screening organic chemicals for potential ecotoxicity effects. Veith GD, et al. **Drug Metab Rev** 1984–85;15(7):1295–303

Problems and methodologies in ecotoxicology: biological models and experimental plans. Ribeyre F. **Ecotoxicol Environ Safety** 1985 Jun;9(3):346–63

Inhaled particles in human disease and animal models: use of electron beam instrumentation. Brody AR. **Environ Health Perspect** 1984 Jun;56:149–62 (52 ref.)

Reproducibility of microbial mutagenicity assays: I. Tests with Salmonella typhimurium and Escherichia coli using a standardized protocol. Dunkel VC, et al. **Environ Mutagen** 1984;6 Suppl 2:1–251

The mediation of mutagenicity and clastogenicity of heavy metals by physicochemical factors. Babich H, et al. **Environ Res** 1985 Aug;37(2):253–86 (275 ref.)

Genetic toxicology in industrial practice: general introduction. Tassignon JP. **Food Chem Toxicol** 1985 Jan; 23(1):5–9

Diethylstilbestrol and other estrogens in the environment. McLachlan JA, et al. **Fundam Appl Toxicol** 1984 Oct; 4(5):686–91

Drugs and environmental chemicals as promoters. Greim H, et al. **IARC Sci Publ** 1984;(56):487–94

Environmental silica in badger lungs: a possible association with susceptibility to Mycobacterium bovis infection. Higgins DA, et al. **Infect Immun** 1985 Apr;48(1):252–6

Environmental exposure to cadmium and renal function of elderly women living in cadmium-polluted areas of the Federal Republic of Germany. Ewers U, et al. **Int Arch Occup Environ Health** 1985;55(3):217–39

Avian endocrine responses to environmental pollutants. Rattner BA, et al. **J Exp Zool** 1984 Dec;232(3):683–9 (33 ref.)

Chromium: a review of environmental and occupational toxicology. Bencko V. **J Hyg Epidemiol Microbiol Immunol** 1985;29(1):37–46 (108 ref.)

Evaluation of hazards from mixtures of chemicals in the occupational environment. Ballantyne B. **J Occup Med** 1985 Feb;27(2):85–94 (61 ref.)

Teratogenicity of 2,3,7,8-tetrachlorodibenzofuran in the mouse. Hassoun E, et al. **J Toxicol Environ Health** 1984; 14(2–3):337–51

Quantitative risk assessment: report of the Subcommittee on Environmental Carcinogenesis, National Cancer Advisory Board. Samuels SW, et al. **JNCI** 1985 Apr;74(4):945–51

Genetic activity in Saccharomyces cerevisiae of compounds found in effluents of pulp and paper mills. Nestmann ER, et al. **Mutat Res** 1985 Jan–Feb;155(1–2):53–60

The right to know about toxic exposures. Implications for physicians. Himmelstein JS, et al. **N Engl J Med** 1985 Mar 14;312(11):687–90

The immunotoxicity of selected environmental chemicals, pesticides and heavy metals. Exon JH. **Prog Clin Biol Res** 1984;161:355–68

Overview of known chemical immunotoxicants. Sharma RP. **Prog Clin Biol Res** 1984;161:313–8

Ecoepidemiology—a casuistic discipline describing ecological disturbances and damages in relation to their specific causes: exemplified by chlorinated phenols and chlorophenoxy acids. Bro-Rasmussen F, et al. **Regul Toxicol Pharmacol** 1984 Dec;4(4):391–9

The use of epidemiology and clinical toxicology to assess environmental health problems. Cordle F. **Regul Toxicol Pharmacol** 1984 Sep;4(3):236–48

What every chemical engineer should know about environmental health hazards. Deisler PF Jr. **Regul Toxicol Pharmacol** 1984 Dec;4(4):400–14

The evaluation of the carcinogenicity of environmental substances. Kolbye AC Jr, et al. **Regul Toxicol Pharmacol** 1984 Dec;4(4):350–4

Application of epidemiology to the study of environmental carcinogens. Neuberger JS, et al. **Rev Environ Health** 1984; 4(2):147–59 (29 ref.)

Influence of buffer capacity and pH-dependent rheological properties of respiratory mucus on health effects due to acidic pollution. Holma B. **Sci Total Environ** 1985 Feb; 41(2):101–23

The effects of fluoride on animals and plants in the south Safi zone. Kessabi M, et al. **Sci Total Environ** 1984 Sep; 38:63–8

Toxicology problems related to energy production. Edwards WC. **Vet Hum Toxicol** 1985 Apr;27(2):129–31

A review of chlorinated phenols. Exon JH. **Vet Hum Toxicol** 1984 Dec;26(6):508–20 (152 ref.)

[Secondary effect of pesticides on flora and fauna] Corbaz R. **Ther Umsch** 1985 May;42(5):113–9 (Eng. Abstr.) **(Fre)**

[Transformation reactions of special metals in organisms and in the environment. 3. In vivo reactions between mercury II chloride and monomethyltin trichloride in rats] Woggon H, et al. **Nahrung** 1984;28(9):995–1002 (Eng. Abstr.) **(Ger)**

[Risk and toxicity of chromium pollution] Melino C. **Clin Ter** 1984 Aug 31;110(4):385–92 **(Ita)**

[Microsomal cytochromes P-450 of liver cells and industrial and environmental xenobiotics] Lutz W. **Postepy Hig Med Dosw** 1984 Jul–Aug;38(4):451–80 (130 ref.) (Eng. Abstr.) **(Pol)**

[Predicting the maximum allowable concentrations on the basis of the results of a short-term experiment] Frolova AD, et al. **Gig Sanit** 1984 Oct;(10):56–8 **(Rus)**

[Various methodological approaches to the prognosis of the functional state of an organism during exposure to unfavorable environmental factors] Shpilevskii EM, et al. **Gig Sanit** 1984 Oct;(10):7–11 (Eng. Abstr.) **(Rus)**

ENVIRONMENTAL POLLUTION

Levels of trace elements in liver from Norwegian moose, reindeer and red deer in relation to atmospheric deposition. Frøslie A, et al. **Acta Vet Scand** 1984;25(3):333–45

Community exposure to hazardous waste disposal sites: assessing reporting bias. Roht LH, et al. **Am J Epidemiol** 1985 Sep;122(3):418–33

Public health and the environment [editorial] Wolman A. **Am J Public Health** 1985 Sep;75(9):1049–51

Three Mile Island. Psychology and environmental policy at a crossroads. Hartsough DM, et al. **Am Psychol** 1984 Oct; 39(10):1113–22

Statistical aspects of the estimation of human risks. Brown CC. **Basic Life Sci** 1985;33:125–40

Theophylline disposition in residents living near a chemical waste site. Cuddy ML, et al. **Biopharm Drug Dispos** 1984 Oct–Dec;5(4):345–55

Raised mortality from lung cancer and high sex ratios of births associated with industrial pollution. Lloyd OL, et al. **Br J Ind Med** 1985 Jul;42(7):475–80

Dioxin: lessons from the Missouri experience. **Bull Environ Contam Toxicol** 1984 Dec;33(6):631–734

The behavior of toxic compounds in the environment. Mills AL. **Clin Lab Med** 1984 Sep;4(3):451–9

The deleterious effects of dogs on human health: 3. Miscellaneous problems and a control programme. Baxter DN. **Community Med** 1984 Aug;6(3):198–203

Outline to the investigation of an environmental exposure. Kanarek MS, et al. **Ecol Dis** 1983;2(4):409–10

Health effects of chemical products. Steensberg J. **Ecol Dis** 1982;1(4):201–12 (41 ref.)

Analysis of environmental pollution by radiofrequency radiation from teleradiocommunication devices. Tofani S, et al. **Health Phys** 1985 Apr;48(4):475–84

Heavy metals in white-tailed deer living near a zinc smelter in Pennsylvania. Sileo L, et al. **J Wildl Dis** 1985 Jul; 21(3):289–96

The environment—another perspective. Mick BA. **Ohio State Med J** 1985 Mar;81(3):191–2

Ohio's environment: how safe is it? Porter S. **Ohio State Med J** 1985 Mar;81(3):163–7

Duration of exposure—histological effects on broiler lungs, performance, and house environment with Mt. St. Helens' volcanic ash dust. Bland MC, et al. **Poult Sci** 1985 Jan; 64(1):51–8

Basic principles of superfund litigation. Russell JH. **Regul Toxicol Pharmacol** 1985 Mar;5(1):38–45

The effect of the phenoxyacetic acid herbicides 2,4,5-trichlorophenoxyacetic acid and 2,4-dichlorophenoxyacetic acid as ascertained by direct experimentation. Fagan K, et al. **Residue Rev** 1984;92:29–58

Epidemiologic approach to arsenic pollution. Matanoski GM, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:117–24

Environmental risk management [editorial] Abelson PH. **Science** 1984 Nov 30;226(4678):1023

Evaluation and cleanup of a lead monoxide spill in Greenwood, Louisiana. Redetzki HM, et al. **Vet Hum Toxicol** 1984;26 Suppl 2:36–7

[The role of the physicians in the formation of attitudes by the population regarding questions of the environment] Bouček K. **Cas Lek Cesk** 1985 Aug 23;124(34):1057–9 **(Cze)**

[The environmental system, its study and management] Cabart J, et al. **Sb Lek** 1985 Apr;87(4):81–5 (Eng. Abstr.) **(Cze)**

[Analysis of complicated indoor environmental climates. Illustrated by a concrete case under the Danish Labor Inspection Service] Laursen P, et al. **Ugeskr Laeger** 1985 Mar 4;147(10):897–901 (Eng. Abstr.) **(Dan)**

[Possibilities of improving measures for environmental hygiene and environmental protection within the Public Health Service] Corinth G. **Off Gesundheitswes** 1984 Oct; 46(10):497–8 **(Ger)**

[Health risks of formaldehyde. An occupational medicine assessment] Triebig G, et al. **Pathologe** 1985 Mar;6(2):64–70 **(Ger)**

[Radioactive materials in the environment—the need for minimizing their presence and standards for their limitation] Gans I, et al. **Schriftenr Ver Wasser Boden Lufthyg** 1985; 63:7–16 **(Ger)**

[A pertinent example of the use of public health laboratories in the control of environmental hygiene] Battioli MT, et al. **G Batteriol Virol Immunol** 1983 Jan–Jun;76(1–6):127–9 (Eng. Abstr.) **(Ita)**

ADVERSE EFFECTS

The epidemiological approach to cadmium pollution in Japan. Shigematsu I. **Ann Acad Med Singapore** 1984 Apr; 13(2):231–6

Quantitative risk assessment of environmental hazards. Brown SL. **Annu Rev Public Health** 1985;6:247–67

Cancer and birth defects near the Drake Superfund site, Pennsylvania. Budnick LD, et al. **Arch Environ Health** 1984 Nov–Dec;39(6):409–13

Dioxin in Missouri: 1971–1983. Powell RL. **Bull Environ Contam Toxicol** 1984 Dec;33(6):648–54

The psychosocial impact of environmental disasters. Reko K. **Bull Environ Contam Toxicol** 1984 Dec;33(6):655–61

The pilot Missouri health effect study. Webb KB. **Bull Environ Contam Toxicol** 1984 Dec;33(6):662–72

Bladder cancer mortality in New Jersey counties, and relationship with selected environmental variables. Najem GR, et al. **Int J Epidemiol** 1984 Sep;13(3):273–82

Environmental threats, communities, and hysteria. Schwartz SP, et al. **J Public Health Policy** 1985 Mar;6(1):58–77

Hazardous waste sites. Will the community call on you to assess their effect? [editorial] Stark AD, et al. **Postgrad Med** 1985 Mar;77(4):13, 16, 19

Birth defects and environmental pollution: the Cubatão example. Monteleone-Neto R, et al. **Prog Clin Biol Res** 1985;163B:65–8

Incidence of low birth weight among Love Canal residents. Vianna NJ, et al. **Science** 1984 Dec 7;226(4679):1217–9

[Environmental effects on the immune system] Stickl H. **Acta Med Austriaca** 1985;12(1):9–18 (Eng. Abstr.) **(Ger)**

[Pesticides] Tweie R, et al. **Acta Med Austriaca** 1985; 12(1):19–24 (Eng. Abstr.) **(Ger)**

[Halogenated hydrocarbons—an environmental problem] Schöler HF, et al. **Off Gesundheitswes** 1984 Nov; 46(11):570–5 **(Ger)**

[Effect of low level long-term load with environmental pollutants on the immune system and methemoglobinemia] Huber HC, et al. **Z Gesamte Hyg** 1984 Dec;30(12):713–6 (Eng. Abstr.) **(Ger)**

[Complex laboratory microecosystems—a contribution to risk evaluation of chemicals] Weissflog L, et al. **Z Gesamte Hyg** 1984 Dec;30(12):691–5 (Eng. Abstr.) **(Ger)**

[Hematological changes induced by industrial pollution in residents and industrial workers in Cubatão, SP (Brazil)] Naoum PC, et al. **Rev Saude Publica** 1984 Aug;18(4):271–7 (Eng. Abstr.) **(Por)**

[Environmental pollution and the problems of growth acceleration] Antropov IuA. **Gig Sanit** 1985 Jun;(6):60–2 (24 ref.) **(Rus)**

[Several methodological approaches to the study of environmental exposure on the health of the population in a territorial industrial zone (the Carpathian region)] Bezkopyl'nyi IN. **Gig Sanit** 1984 Nov;(11):24–7 (Eng. Abstr.) **(Rus)**

[Hygienic standardization of intermittent-pulse electromagnetic energy of ultrahigh (2750 MHz) frequency in the environment] Shandala MG, et al. **Gig Sanit** 1985 Apr;(4):26–9 **(Rus)**

ANALYSIS

Two examples of environmental problems occurring in remote sparsely populated areas. Mackenzie CJ, et al. **Ann Acad Med Singapore** 1984 Apr;13(2):237–46

Chromatographic procedures for the toxicological determination of bis (2-chloroethyl) sulfide (mustard gas, yperite) in environmental and human biological samples. Heyndrickx A, et al. **Arch Belg** 1984;Suppl:102–9

Gas chromatography and toxicological determination of trichothecenes in biological and environmental materials: applicability to environmental samples associated with 'yellow rain'. Heyndrickx A, et al. **Arch Belg** 1984; Suppl:110–31

Analysis of snow samples contaminated with chemical warfare agents. Johnsen BA, et al. **Arch Belg** 1984; Suppl:22–30

Presence of mycotoxins and a man-made material in a 'yellow rain' sample. Rosen JD. **Arch Belg** 1984;Suppl:173–6

Copper and zinc level in biological samples from healthy subjects of vegetarian food habit in reference to community environment. Bhattacharya RD, et al. **Chronobiologia** 1985 Apr–Jun;12(2):145–53

Environmental transformations of DPA, SOPP, benomyl, and TBZ. Zbozinek JV. **Residue Rev** 1984;92:113–55

[Chlorinated hydrocarbons in the environment I. Trichloroethylene, perchloroethylene, 1,1-dichloroethylene, 1,2-dichloroethylene] Atri FR. **Schriftenr Ver Wasser Boden Lufthyg** 1985;60:1–411 **(Ger)**

[Ecochemical and ecotoxicologic criteria in the evaluation of environmental chemicals: data collection] Koch R. **Z Gesamte Hyg** 1984 Nov;30(11):591–6 (Eng. Abstr.) **(Ger)**

[Behavior of vanadium in the environment] Schnabel R, et al. **Z Gesamte Hyg** 1984 Nov;30(11):597–600 (Eng. Abstr.) **(Ger)**

[Results of conimetric dust measurement in sea travel from the northern to southern hemispheres across the Atlantic Ocean] Schrader G, et al. **Z Gesamte Hyg** 1984 Dec; 30(12):726–8 (Eng. Abstr.) **(Ger)**

[Decrease in environmental pollution and changes in biological indicators in occupational exposure to lead] Terzi R, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1211–6 (Eng. Abstr.) **(Ita)**

PREVENTION & CONTROL

Antipollution systems [letter] Bethune DW, et al. **Anaesthesia** 1985 May;40(5):503–4

A modified MIE Superlite exhaust valve incorporating a positive pressure safety relief valve. Gil-Rodriguez JA. **Anaesthesia** 1984 Dec;39(12):1237–9

Expiratory valves and anaesthetic reservoir bags. The implications of scavenging. Mostafa SM, et al. **Anaesthesia** 1985 Jan;40(1):55–61

Hazardous waste disposal: emerging technologies and public policies to reduce public health risks. Harris RH, et al. **Annu Rev Public Health** 1985;6:269–94

Symposium on anaesthetic equipment. Scavenging equipment. Gray WM. **Br J Anaesth** 1985 Jul;57(7):685–95 (75 ref.)

Home environmental quality: the problem, federal and state responses, and a new strategy. Sikora VA, et al. **J Public Health Policy** 1984 Dec;5(4):550–62

Legal and political aspects of the regulation of chemicals: Swiss environmental protection law. Schmid G. **Regul Toxicol Pharmacol** 1985 Jun;5(2):145–51

The role of certain socio-sanitary factors in conditioning the quality of man's life. Zamfir G, et al. **Sante Publique (Bucur)** 1984;27(3):197–211

Environmental pollution control in relation to development. Report of a WHO Expert Committee. **WHO Tech Rep Ser** 1985;718:7–63

[Use of medical literature data banks in problems of environmental hygiene] Deuckert I. **Schriftenr Ver Wasser Boden Lufthyg** 1985;63:31–4 **(Ger)**

[Hygienic basis for developing complex territorial plans for nature protection] Korenevskaia EI, et al. **Gig Sanit** 1984 Dec;(12):4–6 **(Rus)**

[Hygienic aspects of the growth of industrial complexes in the Kansk-Achinsk fuel and energy complex] Shitskova AP, et al. **Gig Sanit** 1984 Jul;(7):7–9 (Eng. Abstr.) **(Rus)**

[Modern approaches to the solution of health issues in environmental protection] Shitskova AP, et al. **Gig Sanit** 1984 Nov;(11):4–7 (Eng. Abstr.) **(Rus)**

[Methodologic aspects of environmental protection] Ivaniushkin AIa. **Gig Tr Prof Zabol** 1985 Jun;(6):1–5 **(Rus)**

[Protection of the environment and health] Sidorenko GI, et al. **Sov Zdravookhr** 1985;(1):7–12 (Eng. Abstr.) **(Rus)**

ENVIRONMENTAL POLLUTION, TOBACCO SMOKE see TOBACCO SMOKE POLLUTION

ENZYME ACTIVATION

Pseudocooperative effects in reactivation of membrane-bound enzymes with phospholipids. Cortese JD, et al. **Acta Physiol Pharmacol Latinoam** 1984; 34(2):131–42

The essential cationic charge of phospholipid polar head in the reactivation of D-beta-hydroxybutyrate apodehydrogenase revealed by cationic surfactants. Berrez JM, et al. **Biochimie** 1984 Nov–Dec;66(11–12):717–22

DRUG EFFECTS

Carnitine palmitoyltransferase. Activation by palmitoyl-CoA and inactivation by malonyl-CoA. Bremer J, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):9–16

Effects of ingestion of hibernia and Prudhoe Bay crude oils on hepatic and renal mixed function oxidase in nestling herring gulls (Larus argentatus). Lee YZ, et al. **Environ Res** 1985 Feb;36(1):248–55

Increased cyclic nucleotide phosphodiesterase (PDE) and calmodulin activities in soluble fraction of Graves' thyroid: analysis of increase in Ca+2 dependence of PDE activities. Yagura T, et al. **J Clin Endocrinol Metab** 1985 Jun; 60(6):1180–6

Diphosphatidylglycerol reactivation of lipid-depleted beef heart cytochrome c oxidase: effect of subunit III removal. Robinson NC, et al. **J Inorg Biochem** 1985 Mar–Apr; 23(3–4):171–6

Effect of toluidines on drug metabolizing enzymes in rat liver, kidney and lung. Gnojkowski J, et al. **Toxicology** 1984 Sep 28;32(4):335–42

Inhalation of isopropanol: induction of activating and deactivating enzymes in rat kidney and liver. Increased microsomal metabolism of n-hexane. Zahlsen K, et al. **Toxicology** 1985 Jan;34(1):57–66

ENZYME IMMUNOASSAY see IMMUNOENZYME TECHNICS

ENZYME INDUCTION

Theoretical study of oscillatory and resonance phenomena in an open system with induction of enzyme by substrate. Nazarenko VG, et al. **Biomed Biochim Acta** 1984; 43(6):821–8

Trans-synaptic increase in RNA coding for tyrosine hydroxylase in a rat sympathetic ganglion. Black IB, et al. **Brain Res** 1985 Jul 22;339(1):151-3

Enzyme inducers improve insulin sensitivity in non-insulin-dependent diabetic subjects. Lahtela JT, et al. **Diabetes** 1985 Sep;34(9):911-6

[Effect of enzyme inducers on biotransformation] Ruckpaul K, et al. **Z Gesamte Hyg** 1984 Sep;30(9):482-4 (Eng. Abstr.) **(Ger)**

[Enzyme induction by rifampicin and its time-dependent pharmacokinetics] Kohno H, et al. **Yakugaku Zasshi** 1984 Aug;104(8):884-8 (Eng. Abstr.) **(Jpn)**

DRUG EFFECTS

Increased hepatic microsomal enzyme activity after surgery under halothane or spinal anesthesia. Loft S, et al. **Anesthesiology** 1985 Jan;62(1):11-6

On the mechanism of the enzyme-inducing action of some heavy metal salts. Kadiiska M, et al. **Arch Toxicol** 1985 Jan;56(3):167-9

Amelioration of cyclosporin-induced nephrotoxicity in rats by induction of hepatic drug metabolism. Cunningham C, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):573-8

Metabolism of the inhaled anaesthetics: implications of enzyme induction. Mazze RI. **Br J Anaesth** 1984;56 Suppl 1:27S-41S (61 ref.)

A comparative study of the relative enzyme inducing properties of anticonvulsant drugs in epileptic patients. Perucca E, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):401-10

Effects of 3-methylcholanthrene and DDT on cholesterol 7 alpha-hydroxylase in rats. Appleton BS, et al. **Drug Nutr Interact** 1981;1(1):15-21

Human tolerance of flumecinol (Zixoryn, RGH-3332), its regime and dosage in healthy volunteers. Vezekenyi Z, et al. **Int J Clin Pharmacol Res** 1983;3(2):77-88

Building a metal-responsive promoter with synthetic regulatory elements. Searle PF, et al. **Mol Cell Biol** 1985 Jun;5(6):1480-9

Effects of rifampin pretreatment on hepatic parameters in the rabbit. Whitehouse LW, et al. **Toxicol Lett** 1985 Feb-Mar;24(2-3):131-6

[Enzyme induction study in children treated with anticonvulsants] Sztriha L, et al. **Orv Hetil** 1985 Feb 10;126(6):317-20 (Eng. Abstr.) **(Hun)**

ENZYME INHIBITORS

Kinetics of suicide substrates. Practical procedures for determining parameters. Waley SG. **Biochem J** 1985 May 1;227(3):843-9

Interaction with protein SH groups could be involved in adriamycin cardiotoxicity. Fabregat I, et al. **Biochem Med** 1984 Dec;32(3):289-95

Enzyme activities after in vitro and in vivo application of dichlorvos. Ellinger C. **Biomed Biochim Acta** 1985;44(2):311-6

Demonstration of a fast-acting inhibitor of plasminogen activators in human plasma. Kruithof EK, et al. **Blood** 1984 Oct;64(4):907-13

The impairment of lignocaine clearance by propranolol--major contribution from enzyme inhibition. Bax ND, et al. **Br J Clin Pharmacol** 1985 May;19(5):597-603

Photodynamic inactivation of selected intracellular enzymes by hematoporphyrin derivative and their relationship to tumor cell viability in vitro. Hilf R, et al. **Cancer Lett** 1984 Sep;24(2):165-72

N-(2-Aminoethyl)-5-isoquinolinesulfonamide, a newly synthesized protein kinase inhibitor, functions as a ligand in affinity chromatography. Purification of Ca2+-activated, phospholipid-dependent and other protein kinases. Inagaki M, et al. **J Biol Chem** 1985 Mar 10;260(5):2922-5

Amino acid sequence of the heat-stable inhibitor of the cAMP-dependent protein kinase from rabbit skeletal muscle. Scott JD, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5732-6

ADVERSE EFFECTS

Tolerance and safety of enalapril. McFate Smith W, et al. **Br J Clin Pharmacol** 1984;18 Suppl 2:249S-255S

ANALYSIS

Design of conformationally constrained angiotensin-converting enzyme inhibitors. Weller HN, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):82-9

A protein kinase C inhibitory activity is present in rat brain homogenate. Schwantke N, et al. **FEBS Lett** 1984 Nov 5;177(1):36-40

[Inhibitory and immunological profile of therapeutic serum protein solutions] Kotitschke R, et al. **Infusionsther Klin Ernahr** 1985 Feb;12(1):48-53 (Eng. Abstr.) **(Ger)**

BIOSYNTHESIS

The influence of cell culture variables on human collagenase inhibitor expression. Welgus HG, et al. **Coll Relat Res** 1984 Oct;4(5):377-88

Role in inflammation of glucocorticoid-induced phospholipase inhibitory proteins. Di Rosa M. **Prog Biochem Pharmacol** 1985;20:55-62 (32 ref.)

BLOOD

Platelet-derived collagenase inhibitor: characterization and subcellular localization. Cooper TW, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2779-83

CHEMICAL SYNTHESIS

Synthesis and beta-lactamase inhibitory properties of 2 beta-[(acyloxy)methyl]-2-methylpenam-3 alpha-carboxylic acid 1,1-dioxides. Gottstein WJ, et al. **J Med Chem** 1985 Apr;28(4):518-22

Angiotensin-converting enzyme inhibitors: synthesis and biological activity of acyl tripeptide analogues of enalapril. Greenlee WJ, et al. **J Med Chem** 1985 Apr;28(4):434-42

Potential inhibitors of S-adenosylmethionine-dependent methyltransferases. 10. Base- and amino acid modified analogues of S-aristeromycinyl-L-homocysteine. Houston DM, et al. **J Med Chem** 1985 Apr;28(4):478-82

GENETICS

Differentiation of a human leukemia cell line and expression of collagenase inhibitor. Bar-Shavit Z, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5380-4

ISOLATION & PURIFICATION

Characterization of a seminal plasma-associated inhibitor of human seminal plasma protein kinase. Freedman MF, et al. **Biol Reprod** 1985 Mar;32(2):322-32

Inhibition of DNA polymerase alpha activity by proteins from rat liver. Klinge CM, et al. **Int J Biochem** 1985;17(3):347-53

Acetyl CoA carboxylase inhibitors from the fungus Gongronella butleri. Endo A, et al. **J Antibiot (Tokyo)** 1985 May;38(5):599-604

Purification and characterization of bovine dental pulp collagenase inhibitor. Kishi J, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):395-404

Amino acid sequence of protein alpha-amylase inhibitor from Streptomyces griseosporeus YM-25. Murai H, et al. **J Biochem (Tokyo)** 1985 Apr;97(4):1129-33

Immunolocalization of tissue inhibitor of metalloproteinases (TIMP) in human cells. Characterization and use of a specific antiserum. Hembry RM, et al. **J Cell Sci** 1985 Feb;73:105-19

METABOLISM

Coregulation of collagenase and collagenase inhibitor production by phorbol myristate acetate in human skin fibroblasts. Clark SD, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):36-44

Chemical modification of enzymes: reaction with an unstable inhibitor [letter] Topham CM. **Biochem J** 1985 May 1;227(3):1025-7

Human skin fibroblast collagenase: interaction with substrate and inhibitor. Welgus HG, et al. **Coll Relat Res** 1985 Mar;5(2):167-79

Bioavailability and pharmacokinetics of clavulanic acid in healthy subjects. Davies BE, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Feb;23(2):70-3

The distribution of enzyme inhibitors in the joint in rheumatoid and experimental arthritis. Muirden KD, et al. **Int J Tissue React** 1984;6(5):359-65

PHARMACODYNAMICS

Interaction of some enzymes with quaternary isoquinoline alkaloids. Ulrichová J. **Acta Univ Palacki Olomuc Fac Med** 1985;108:13-27 (69 ref.)

Nutritional and metabolic response to plant inhibitors of digestive enzymes. Gallaher D, et al. **Adv Exp Med Biol** 1984;177:299-320 (116 ref.)

Series-type enzyme deactivation kinetics: influence of immobilization, chemical modifiers, and enzyme aging. Henley JP, et al. **Ann NY Acad Sci** 1984;434:64-9

The effect of hydrogen ion on the steady-state multiplicity of substrate-inhibited enzymatic reactions. II. Transient behavior. Elnashaie SS, et al. **Appl Biochem Biotechnol** 1983 Dec;8(6):467-79

In vivo actions of bestatin-related compounds in relation to their actions in vitro. Aoyagi T, et al. **Biochem Int** 1984 Nov;9(5):643-50

A new plot for the kinetic analysis of dead-end enzyme inhibitors. Roveri OA. **Biochem Int** 1985 Jul;11(1):11-9

Precautions when determining kinetically the order of inactivation of enzymes by functionally irreversible inhibitors. Carlson GM. **Biochim Biophys Acta** 1984 Sep 25;789(3):347-50

Estimation of kinetic parameters for substrate and inhibitor in a reaction with an enzyme sample containing different types of inhibitor. Kato T, et al. **Biochim Biophys Acta** 1984 Sep 28;801(2):157-62

Catabolite repression 1985. Ullmann A. **Biochimie** 1985 Jan;67(1):29-34 (27 ref.)

A BASIC computer program for use in evaluating enzyme-substrate-inhibitor kinetics [letter] Lutz RA, et al. **Clin Chem** 1985 Apr;31(4):656

A new class of inhibitors of human leucocyte elastase. Hassall CH, et al. **FEBS Lett** 1985 Apr 22;183(2):201-5

A novel approach to study of action of water-insoluble inhibitors of enzymic reactions. Kurganov BI, et al. **J Biochem Biophys Methods** 1985 Aug;11(2-3):177-84

Biochemical studies on a novel vanadate- and molybdate-sensitive acid phosphatase from human epidermis. Mäkinen PL. **J Invest Dermatol** 1985 Aug;85(2):118-24

In ability of Na+,K+-ATPase inhibitor to cause hypertension in sodium-loaded or deoxycorticosterone-treated one kidney rats. Nirasawa Y, et al. **Life Sci** 1985 Aug 26;37(8):767-74

Adaptation of the pancreas during treatment with enzyme inhibitors in rats and man. Fölsch UR, et al. **Scand J Gastroenterol [Suppl]** 1985;112:54-63

In vivo regulation of delta-aminolevulinate dehydratase activity. Fujita H, et al. **Toxicol Appl Pharmacol** 1985 Jan;77(1):66-75

[Acute effect of MK-421 (enalapril) on blood pressure, the renin-angiotensin system and the kallikrein-kinin system in hypertensive patients] Kondo K, et al. **Kokyu To Junkan** 1985 Jun;33(6):811-5 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Clinical and hemodynamic experience with enalapril in congestive heart failure. Cody RJ. **Am J Cardiol** 1985 Jan 11;55(2):36A-40A

Acute and long-term response to enalapril in congestive failure. Kjekshus JK, et al. **Br J Clin Pharmacol** 1984;18 Suppl 2:169S-174S

Enalapril in heart failure. Nicholls MG, et al. **Br J Clin Pharmacol** 1984;18 Suppl 2:163S-167S

Acute and chronic hemodynamic effects of enalapril (MK-421) in congestive heart failure. Dickstein K, et al. **Int J Cardiol** 1984 Oct;6(4):445-58

Enalapril for severe congestive heart failure. A double-blind study. Jennings G, et al. **Med J Aust** 1984 Nov 24;141(11):723-6

Apparently high plasma angiotensin II levels in patients with essential hypertension treated by converting enzyme inhibition. Boer P, et al. **Scand J Clin Lab Invest** 1985 Feb;45(1):77-81

[Inhibitors of angiotensin-converting enzyme in the treatment of arterial hypertension] Salvetti A, et al. **Boll Soc Ital Cardiol** 1984 Jan-Feb;29(1-2):103-20 (62 ref.) (Eng. Abstr.) **(Ita)**

TOXICITY

The enzyme inhibitory form of inorganic arsenic. Knowles FC, et al. **Z Gesamte Hyg** 1984 Nov;30(11):625-6

ENZYME-LABELED ANTIBODY TECHNIC see **IMMUNOENZYME TECHNICS**

ENZYME-LINKED IMMUNOSORBENT ASSAY see under **IMMUNOENZYME TECHNICS**

ENZYME PRECURSORS

Inhomogeneities in glycoprotein cytochemistry of secretory granules in rat-parotid acinar cells after selective beta 1-adrenoceptor stimulation. Carlsöö B, et al. **Arch Oral Biol** 1984;29(12):953-8

Sequential homologies between procarboxypeptidases A and B from porcine pancreas. Avilés FX, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):97-103

The precursor of mitochondrial pig heart aspartate aminotransferase: preliminary sequence data. Sannia G, et al. **Biochem Int** 1983 Jun;6(6):731-6

Evidence from peptide mapping for a human renin zymogen. McIntyre GD, et al. **FEBS Lett** 1984 Oct 1;175(2):439-42

Apparent intrinsic prothrombinase activity of human Factor X zymogen: identification with Factor VIII inhibitor bypassing activity (FEIBA). Estry DW, et al. **Thromb Res** 1984 Dec 15;36(6):549-62

ANALYSIS

Proenzyme to urokinase-type plasminogen activator in the mouse in vivo. Kielberg V, et al. **FEBS Lett** 1985 Mar 25;182(2):441-5

Evidence for an extrarenal source of inactive renin in rats. Doi Y, et al. **Hypertension** 1984 Sep-Oct;6(5):627-32

Latent and active plasminogen activator in corneal ulceration. Wang HM, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):511-24

Immunologic identification of both plasma and human renal inactive renin as prorenin. Bouhnik J, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):399-401

Simultaneous assessment of complement components C3, C4, and B and their cleavage products in human gingival fluid. II. Longitudinal changes during periodontal therapy. Niekrash CE, et al. **J Periodont Res** 1985 May;20(3):268-75

Simultaneous assessment of complement components C3, C4, and B and their cleavage products in human gingival fluid. I. Reliability of the method. Niekrash CE, et al. **J Periodont Res** 1985 May;20(3):260-7

Antifibrinolytic activity in middle ear effusion. Hamaguchi Y, et al. **ORL J Otorhinolaryngol Relat Spec** 1984;46(5):235-41

[Changes in proacrosin levels during preservation of ram semen] Srámek C, et al. **Vet Med (Praha)** 1985 Apr;30(4):231-7 (Eng. Abstr.) **(Cze)**

ANTAGONISTS & INHIBITORS

The proenzyme functional inhibition index. A new parameter for evaluation of the severely injured and septic patient. Aasen AO. **Acta Chir Scand [Suppl]** 1985;522:211–31

BIOSYNTHESIS

Complete nucleotide sequence of hepatic 5–aminolaevulinate synthase precursor. Borthwick IA, et al. **Eur J Biochem** 1985 Aug 1;150(3):481–4

Synthesis in vitro of precursors of the catalytic subunits of acetylcholinesterase from Torpedo marmorata and Electrophorus electricus. Sikorav JL, et al. **Eur J Biochem** 1984 Dec 17;145(3):519–24

Hormonal stimulation in the exocrine pancreas results in coordinate and anticoordinate regulation of protein synthesis. Schick J, et al. **J Cell Biol** 1984 Nov; 99(5):1569–74

Factor B, the complement alternative pathway serine proteinase, is a major constitutive protein synthesized and secreted by resident and elicited mouse macrophages. Sundsmo JS, et al. **J Exp Med** 1985 Feb 1;161(2):306–22

[Endogenic activation of prorenin in hypertension] Shkhvatsabaia IK, et al. **Kardiologiia** 1984 Jul;24(7):48–52 (Eng. Abstr.) **(Rus)**

BLOOD

Identification of plasma inactive renin as prorenin with a site–directed antibody. Kim SJ, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):641–5

Binding to erythrocyte membrane is the physiological mechanism for activation of Ca2+–dependent neutral proteinase. Pontremoli S, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):331–8

Plasma kallikrein and prorenin in patients with hereditary angioedema. Purdon AD, et al. **J Lab Clin Med** 1985 Jun; 105(6):694–9

Increased plasma inactive renin in diabetes mellitus. A marker of microvascular complications. Luetscher JA, et al. **N Engl J Med** 1985 May 30;312(22):1412–7

[Purification of human plasma prorenin and molecular changes in its activation by proteolytic enzymes] Imamura Y. **Nippon Jinzo Gakkai Shi** 1985 Jan;27(1):1–12 (Eng. Abstr.) **(Jpn)**

[Changes in active and inactive renin throughout pregnancy] Takahashi T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul;37(7):1112–6 (Eng. Abstr.) **(Jpn)**

[Enzymochemical studies on pancreatic elastase. III. Zymogen–like elastase originating from the pancreas in the blood] Nagai T, et al. **Yakugaku Zasshi** 1985 May; 105(5):499–506 (Eng. Abstr.) **(Jpn)**

[Comparative evaluation of the efficacy of methods of cryo– and trypsin activation of inactive renin in vitro] Ustinova SE, et al. **Kardiologiia** 1985 Jan;25(1):44–7 (Eng. Abstr.) **(Rus)**

GENETICS

Genetic polymorphism of factor B (Bf) in Okayama Prefecture, Japan. Ameno S, et al. **Acta Med Okayama** 1984 Aug;38(4):321–4

Complement polymorphism in Colombia. Bernal JE, et al. **Ann Hum Biol** 1985 May–Jun;12(3):261–5

Bf group system in the Polish population. Mańczak M. **Arch Immunol Ther Exp (Warsz)** 1984;32(4):431–41

Factor B (Bf) and glyoxalase genes in insulin–dependent diabetes mellitus. Allannic H, et al. **Diabete Metab** 1985 Feb;11(1):22–6

Molecular cloning, sequencing, and expression in Escherichia coli of human preprourokinase cDNA. Jacobs P, et al. **DNA** 1985 Apr;4(2):139–46

The pro– and mature forms of the E. coli K–12 outer membrane phospholipase A are identical. de Geus P, et al. **EMBO J** 1984 Aug;3(8):1799–802

Molecular cloning and identification of cDNA recombinants coding for bovine prochymosin in E. coli. Liebscher DH, et al. **Folia Biol (Praha)** 1985;31(2):81–92

Simultaneous typing of C3 and Tf and of Gc and Bf on cellogel electrophoresis. Hoste B, et al. **Forensic Sci Int** 1984 Oct;26(2):159–62

Expression of cloned calf prochymosin cDNA under control of the tryptophan promoter. Nishimori K, et al. **Gene** 1984 Jul–Aug;29(1–2):41–9

Two subtypes of BfF by isoelectrofocusing: differential linkage to other HLA markers. Abbal M, et al. **Hum Genet** 1985;69(2):181–3

Another family with a silent allele of properdin factor B polymorphism (BF QO). Bertrams J, et al. **Hum Genet** 1985; 70(4):321–3

Further study on a BF silent allele. Tokunaga K, et al. **Hum Genet** 1984;67(4):449–51

Two new Bf S subtypes revealed by isoelectric focusing and immunofixation. Weidinger S, et al. **Hum Genet** 1984; 68(1):90–2

Bf and C3 complement types in rheumatoid arthritis. Dahlqvist SR, et al. **Hum Hered** 1985;35(4):240–5

Genetic variants of human B component (BF system) and alpha–1–antitrypsin (PI system) in a population from Sardinia. Davrinche C, et al. **Hum Hered** 1984; 34(5):297–302

Properdin factor B (Bf) polymorphism in Saudi Arabs. High frequency of a 'rare' allele BfS0.7. Klouda PT, et al. **Hum Hered** 1984;34(4):269–72

DR antigens and Bf allotypes in north–east England. Papiha SS, et al. **Hum Hered** 1985;35(4):246–9

Properdin factor B (Bf) types in schizophrenia. Rudduck C, et al. **Hum Hered** 1984;34(5):331–3

DNA polymorphism of the C2 and factor B genes. Detection of a restriction fragment length polymorphism which subdivides haplotypes carrying the C2C and factor B F alleles. Cross SJ, et al. **Immunogenetics** 1985;21(1):39–48

Analysis of factor B in European mouse strains; a polymorphism not due to variation of carbohydrate content. Roos MH. **Immunogenetics** 1984;20(4):471–4

C4 and HLA haplotypes associated with partial inhibition of anti–Rg and anti–Ch. Giles CM, et al. **J Immunogenet** 1984 Oct–Dec;11(5–6):305–17

Efficient expression of cloned complementary DNAs for secretory proteins after injection into Xenopus oocytes. Krieg P, et al. **J Mol Biol** 1984 Dec 15;180(3):615–43

Genetic polymorphisms of human complement components BF and C2 in Korean: population and association studies. Park KS, et al. **Jinrui Idengaku Zasshi** 1985 Mar;30(1):9–14

A cDNA clone for the precursor of rat mitochondrial ornithine transcarbamylase: comparison of rat and human leader sequences and conservation of catalytic sites. Kraus JP, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):943–52

The factor B and C2 genes. Campbell RD, et al. **Philos Trans R Soc Lond [Biol]** 1984 Sep 6;306(1129):367–78 (64 ref.)

Identification of cDNA clones encoding a precursor of rat liver cathepsin B. San Segundo B, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2320–4

Molecular cloning and nucleotide sequence of cDNA for rat ornithine carbamoyltransferase precursor. Takiguchi M, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7412–6

[Genetic study of properdin factor B in juvenile rheumatoid arthritis] Fioravanti A, et al. **Boll Soc Ital Biol Sper** 1985 May 30;61(5):763–8 (Eng. Abstr.) **(Ita)**

IMMUNOLOGY

Leukocyte complement: interleukin–like properties of factor Bb. Hirani S, et al. **Cell Immunol** 1985 May;92(2):235–46

ISOLATION & PURIFICATION

Ram proacrosin. A simple method for isolation of proacrosin free of inhibitors, and proacrosin autoactivation studies. Cechová D, et al. **Andrologia** 1984 Sep–Oct;16(5):477–81

Existence of ternary complexes of procarboxypeptidase A in the pancreas of some ruminant species. Kerfelec B, et al. **Eur J Biochem** 1985 Sep 16;151(3):515–9

The purification of a high–molecular–weight, enzymatically inactive renin precursor from human kidney. McIntyre GD, et al. **J Hypertens** 1984 Jun;2(3):305–10

Isolation of rabbit C3, Factor B, and Factor H and comparison of their properties with those of the human analog. Horstmann RD, et al. **J Immunol** 1985 Feb; 134(2):1094–100

[Effective method of simultaneous isolation from human serum of highly purified factors B and D of the alternative pathway of complement activation] Soliakov LS, et al. **Bioorg Khim** 1983 Apr;9(4):462–9 (Eng. Abstr.) **(Rus)**

METABOLISM

Permeability of zymogen granule membrane to protein. Rothman SS, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G385–92

The reversible activation by Mn2+ ions of the Ca2+–requiring neutral proteinase of human erythrocytes. Pontremoli S, et al. **Arch Biochem Biophys** 1985 Jun; 239(2):517–22

Energy–dependent activation of spore–lytic enzyme precursor by germinated spores of Clostridium perfringens. Ando Y, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):463–7

The precursor to ornithine carbamyl transferase is transported to mitochondria as a 5S complex containing an import factor. Argan C, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):289–98

Differential import and processing of the precursors to F1–ATPase beta–subunit and ornithine carbamyltransferase by liver, spleen, heart and kidney mitochondria. Côté C, et al. **Biochem Biophys Res Commun** 1985 May 31; 129(1):240–7

Protease–activated protein kinase in rat liver plasma membrane. Hashimoto E, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):246–54

Partial purification of the receptor protein essential for import of pre–ornithine aminotransferase into mitochondria. Ono H, et al. **Biochem Int** 1985 Mar;10(3):351–7

Protein kinase activity associated with pancreatic zymogen granules. Burnham DB, et al. **Biochem J** 1985 May 1; 227(3):743–51

Evaluation of the human sperm proacrosin–acrosin system using gelatin–sodium dodecyl sulfate–polyacrylamide gel electrophesis. Siegel MS, et al. **Biol Reprod** 1985 Apr; 32(3):713–20

Thrombolytic properties of an inactive proenzyme form of human urokinase secreted from human kidney cells. Kasai S, et al. **Cell Struct Funct** 1985 Jun;10(2):151–9

Human skin fibroblast collagenase: interaction with substrate and inhibitor. Welgus HG, et al. **Coll Relat Res** 1985 Mar; 5(2):167–79

Examination of calf prochymosin accumulation in Escherichia coli: disulphide linkages are a structural component of prochymosin–containing inclusion bodies. Schoemaker JM, et al. **EMBO J** 1985 Mar;4(3):775–80

Biosynthesis of ferredoxin–NADP+ oxidoreductase. Evidence for the formation of a functional preholoenzyme in the cytoplasmic compartment. Carrillo N. **Eur J Biochem** 1985 Aug 1;150(3):469–74

Intracellular transport of the major glycoprotein of zymogen granule membranes in the rat pancreas. Demonstration of high turnover at the plasma membrane. Havinga JR, et al. **Eur J Biochem** 1984 Oct 1;144(1):177–83

Transport of proteins into mitochondrial matrix. Evidence suggesting a common pathway for 3–ketoacyl–CoA thiolase and enzymes having presequences. Mori M, et al. **Eur J Biochem** 1985 May 15;149(1):181–6

Inulin–induced activation of factor B in whole serum: description of structural modifications in the Ba fragment. Davrinche C, et al. **Eur J Immunol** 1984 Oct;14(10):957–61

Management of inflammation: proamidase as a parameter for a better understanding of inflammatory processes. Nishikaze O, et al. **Int J Tissue React** 1985;7(1):11–9

Monkey pepsinogens and pepsins. VII. Analysis of the activation process and determination of the NH2–terminal 60–residue sequence of Japanese monkey progastricsin, and molecular evolution of pepsinogens. Kageyama T, et al. **J Biochem (Tokyo)** 1985 Apr;97(4):1235–46

Import of rat liver mitochondrial malate dehydrogenase. Binding of the precursor to mitochondria, an intermediate step in import. Chien SM, et al. **J Biol Chem** 1984 Nov 25;259(22):13633–6

Isolation and characterization of a 33,000–dalton fragment of complement Factor B with catalytic and C3b binding activity. Lambris JD, et al. **J Biol Chem** 1984 Oct 25; 259(20):12685–90

Translocation of proteins into rat liver mitochondria. Existence of two different precursor polypeptides of liver fumarase and import of the precursor into mitochondria. Ono H, et al. **J Biol Chem** 1985 Mar 25;260(6):3402–7

Pyruvoyl–dependent histidine decarboxylases. Mechanism of cleavage of the proenzyme from Lactobacillus buchneri. Recsei PA, et al. **J Biol Chem** 1985 Mar 10;260(5):2804–6

Precursor of beta–lactamase is enzymatically inactive. Accumulation of the preprotein in Saccharomyces cerevisiae. Roggenkamp R, et al. **J Biol Chem** 1985 Feb 10;260(3):1508–12

Expression of amplified DNA sequences for ornithine transcarbamylase in HeLa cells: arginine residues may be required for mitochondrial import of enzyme precursor. Horwich AL, et al. **J Cell Biol** 1985 May;100(5):1515–21

Functional determinants in transit sequences: import and partial maturation by vascular plant chloroplasts of the ribulose–1,5–bisphosphate carboxylase small subunit of Chlamydomonas. Mishkind ML, et al. **J Cell Biol** 1985 Jan; 100(1):226–34

Cathepsin D precursors in clathrin–coated organelles from human fibroblasts. Schulze–Lohoff E, et al. **J Cell Biol** 1985 Sep;101(3):824–9

Binding of human renin to plasma proteins and comparison with plasma active and inactive renin. Leckie BJ, et al. **J Hypertens** 1985 Feb;3(1):73–80

Renin precursors. Poulsen K, et al. **J Hypertens** 1983 Jun; 1(1):3–5 (31 ref.)

Structure and activation of complement components C2 and factor B. Gagnon J. **Philos Trans R Soc Lond [Biol]** 1984 Sep 6;306(1129):301–9

Synthesis and transport of the precursor for the beta–subunit of rat liver F1–ATPase. Miralles VJ, et al. **Physiol Chem Phys Med NMR** 1984;16(6):513–9

Arginine in the leader peptide is required for both import and proteolytic cleavage of a mitochondrial precursor. Horwich AL, et al. **Proc Natl Acad Sci USA** 1985 Aug; 82(15):4930–3

Biological and thrombolytic properties of proenzyme and active forms of human urokinase—II. Turnover of natural and recombinant urokinase in rabbits and squirrel monkeys. Collen D, et al. **Thromb Haemost** 1984 Aug 31;52(1):24–6

Activation of factor B of the complement system by kallikrein and its light chain. Hiemstra PS, et al. **Thromb Res** 1985 Jun 1;38(5):491–503

PHARMACODYNAMICS

Biological and thrombolytic properties of proenzyme and active forms of human urokinase—III. Thrombolytic properties of natural and recombinant urokinase in rabbits with experimental jugular vein thrombosis. Collen D, et al. **Thromb Haemost** 1984 Aug 31;52(1):27–30

Biological and thrombolytic properties of proenzyme and active forms of human urokinase—IV. Variability in fibrinolytic response of plasma of several mammalian species. Lijnen HR, et al. **Thromb Haemost** 1984 Aug 31; 52(1):31–3

PHYSIOLOGY

The cleavable prepiece of an imported mitochondrial protein is sufficient to direct cytosolic dihydrofolate reductase into the mitochondrial matrix. Hurt EC, et al. **FEBS Lett** 1984 Dec 10;178(2):306–10

Biological and thrombolytic properties of proenzyme and active forms of human urokinase—I. Fibrinolytic and fibrinogenolytic properties in human plasma in vitro of urokinases obtained from human urine or by recombinant DNA technology. Zamarron C, et al. **Thromb Haemost** 1984 Aug 31;52(1):19–23

[Effect of prethrombin I and prostaglandin E2 on thrombin-stimulated aggregation of rat platelets] Strukova SM, et al. **Vopr Med Khim** 1985 May–Jun;31(3):99–103 (Eng. Abstr.) **(Rus)**

SECRETION

Mechanisms of activation and secretion of a cell-associated precursor of an exocellular protease of Pseudomonas aeruginosa 34362A. Fecycz IT, et al. **Eur J Biochem** 1985 Jan 2;146(1):35–42

Release of cathepsin B precursors from human and murine tumours. Mort JS, et al. **Prog Clin Biol Res** 1985;180:243–5

THERAPEUTIC USE

Pro-UK: another entry in the thrombolytic arena [news] Goldsmith MF. **JAMA** 1985 Mar 22–29;253(12):1694–5

URINE

Activation of urinary inactive kallikrein by an extract from the rat kidney cortex. Takaoka M, et al. **Life Sci** 1985 Sep 16;37(11):1015–22

ENZYME REACTIVATORS

Measurement of total lactate dehydrogenase activity. Vanderlinde RE. **Ann Clin Lab Sci** 1985 Jan–Feb; 15(1):13–31 (110 ref.)

Reactivation of serum creatine kinase isoenzyme BB in patients with malignancies. Abbott LB, et al. **Clin Chem** 1984 Nov;30(11):1861–3

Diphosphatidylglycerol reactivation of lipid-depleted beef heart cytochrome c oxidase: effect of subunit III removal. Robinson NC, et al. **J Inorg Biochem** 1985 Mar–Apr; 23(3–4):171–6

CHEMICAL SYNTHESIS

Amino acids and peptides. XII. Synthesis of C-terminal decapeptide of bovine pancreatic ribonuclease A (RNase A) and its analogs and determination of their ability to reactivate Des(121–124) RNase A. Okada Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4585–92

PHARMACODYNAMICS

Reactivation of carboxylester hydrolase following inhibition by 4-nitrophenyl organophosphinates. Bryson PK, et al. **Biochem Pharmacol** 1985 May 15;34(10):1789–94

The essential cationic charge of phospholipid polar head in the reactivation of D-beta-hydroxybutyrate apodehydrogenase revealed by cationic surfactants. Berrez JM, et al. **Biochimie** 1984 Nov–Dec;66(11–12):717–22

ENZYME TESTS

Value of serum-5-nucleotidase, alkaline phosphatase and gamma-glutamyl transferase for prediction of liver metastases preoperatively in colorectal cancer. Jönsson PE, et al. **Acta Chir Scand** 1984;150(5):419–23

Isolation, characterization and clinical evaluation of the gamma-glutamyltransferase associated with hepatocellular carcinoma. Izumi M. **Acta Med Okayama** 1985 Feb; 39(1):19–33

Serum alkaline phosphatase and serum zinc levels in the diagnosis and exclusion of zinc deficiency in man. Weismann K, et al. **Am J Clin Nutr** 1985 Jun;41(6):1214–9

Clinical utility of serum prostatic acid phosphatase measurements for detection (screening), diagnosis, and therapeutic monitoring of prostatic carcinoma; assessment of monoclonal and polyclonal enzymes and radioimmunoassays. Kaplan LA, et al. **Am J Clin Pathol** 1985 Sep;84(3):334–9

Chloroacetate esterase positivity in acute lymphoblastic leukemia. Keifer J, et al. **Am J Clin Pathol** 1985 May; 83(5):647–9

Immunoperoxidase determination of terminal deoxynucleotidyl transferase in acute leukemia using PAP and ABC methods: experience in 102 cases. Lanham GR, et al. **Am J Clin Pathol** 1985 Mar;83(3):366–70

False-normal assays for galactosemia in a neonate with cataracts. Weinberg DA, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):342–3

Diagnostic assays in acute pancreatitis [letter] **Ann Intern Med** 1985 Sep;103(3):475–6

Diagnostic assays in acute pancreatitis. A study of sensitivity and specificity. Steinberg WM, et al. **Ann Intern Med** 1985 May;102(5):576–80

Pancreatic amylase as a tumour marker for pancreatic cancer. Hilmy AM, et al. **Arch Geschwulstforsch** 1984;54(6):475–82

Serum tests for pancreatitis in patients with abdominal pain. Eckfeldt JH, et al. **Arch Pathol Lab Med** 1985 Apr; 109(4):316–9

Is serum amylase an obsolete test in the diagnosis of acute pancreatitis? [editorial] Lott JA, et al. **Arch Pathol Lab Med** 1985 Apr;109(4):314–5

Serum alkaline phosphatase isoenzymes: the fast liver fraction in the diagnosis of hepatobiliary disease with or without cholestasis. Ricci OE, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1363–8

Quantitative influence of serum creatine kinase isoenzyme MB estimated infarct size and other prognostic variables on one year mortality after acute myocardial infarction. Grande P, et al. **Br Heart J** 1985 Jan;53(1):9–15

The identification of false-positive amniotic fluid acetylcholinesterase results due to fetal calf serum contamination. Barlow RD, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):986–8

A simple screening test for acute pancreatitis. Holdsworth PJ, et al. **Br J Surg** 1984 Dec;71(12):958–9

Screening for acute pancreatitis: a rapid assay for plasma lipase. Mayer AD, et al. **Br J Surg** 1985 Jun;72(6):436–7

Radioimmunoassay for prostatic acid phosphatase in early prostatic carcinoma. Samuell CT, et al. **Br J Urol** 1984 Apr;56(2):208–12

Alkaline phosphatase in haematology. Hayhoe FG. **Cell Biochem Funct** 1983 Jul;1(2):74–6 (32 ref.)

The two out of three criteria for the diagnosis of infarction. Is it passe? [editorial] Roberts R. **Chest** 1984 Oct; 86(4):511–3

Comparison of enzymatic and anatomic estimates of myocardial infarct size in man. Hackel DB, et al. **Circulation** 1984 Nov;70(5):824–35

Erythrocyte porphobilinogen synthase activity as an indicator of lead exposure in children. Chisolm JJ Jr, et al. **Clin Chem** 1985 Apr;31(4):601–5

Probably myocardial infarction in a 14-year-old boy. Feld RD. **Clin Chem** 1985 Mar;31(3):480–1

Plasma creatine kinase/aspartate aminotransferase ratio in the diagnosis of acute myocardial infarction [letter] Garcin-Webb P, et al. **Clin Chem** 1985 Mar;31(3):498–9

Interpretation of abnormal serum enzyme activities in occult diseases [letter] Nemesanszky E, et al. **Clin Chem** 1985 Jan; 31(1):170–1

A microtechnique for quantitative measurements of acid hydrolases in fibroblasts. Its application in diagnosis of Fabry disease and enzyme replacement studies. Hasholt L, et al. **Clin Chim Acta** 1984 Sep 29;142(2):257–61

4-Methylumbelliferyl alpha-N-acetylglucosaminidase activity for diagnosis of Sanfilippo B disease. Marsh J, et al. **Clin Genet** 1985 Mar;27(3):258–62

Persistent hypertransaminasemia as the presenting finding of childhood muscle disease. Rutledge J, et al. **Clin Pediatr (Phila)** 1985 Sep;24(9):500–3

The value of angiotensin-I-converting enzyme determinations in malignant and other diseases. Schweisfurth H, et al. **Clin Physiol Biochem** 1985; 3(4):184–92

Critical evaluation of the diagnostic use of urinary enzymes. Dubach UC, et al. **Contrib Nephrol** 1984;42:74–80 (26 ref.)

Identification of viral infections in pregnancy by assay of (2'–5')-oligo-isoadenylate synthetase. Schoenfeld A, et al. **Early Hum Dev** 1985 Jan;10(3–4):279–86

Plasma glutathione S-transferase measurements after paracetamol overdose: evidence for early hepatocellular damage. Beckett GJ, et al. **Gut** 1985 Jan;26(1):26–31

Values of serum carcinoembryonic antigen and elastase 1 in diagnosis of pancreatic carcinoma. Tatsuta M, et al. **Gut** 1984 Dec;25(12):1347–51

LDH isoenzyme pattern in ischaemic heart diseases and high risk factor groups. Das BS, et al. **Indian Heart J** 1984 Nov–Dec;36(6):375–8

Ribonuclease at pH5 in malignant pleural effusion. Dhar SN, et al. **Indian J Chest Dis Allied Sci** 1984 Jan–Mar;26(1):30–3

Enzyme profile in metastatic liver disease. Rusia U, et al. **Indian J Med Res** 1984 Sep;80:321–6

Serum cholinesterase and lactate dehydrogenase levels in cases of squamous cell carcinoma of oral cavity. Khan N, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):185–8

Placental alkaline phosphatase in tumour tissue and serum. Mössner E, et al. **J Clin Chem Clin Biochem** 1984 Jul; 22(7):467–71

Cellulose acetate and electroendosmosis-low agarose electrophoresis: advanced methods for the separation and quantitative determination of serum creatine kinase isoenzyme levels. SiragEldin E, et al. **J Clin Chem Clin Biochem** 1985 Apr;23(4):241–8

Evaluation of three current methods for the determination of creatine kinase-MB catalytic activity. Spincemaille J, et al. **J Clin Chem Clin Biochem** 1984 Sep;22(9):603–7

Relationship between electrocardiographically and enzymatically estimated size in anterior myocardial infarction. Herlitz J, et al. **J Electrocardiol** 1984 Oct; 17(4):361–70

Enzyme assays for the identification of gastric fluid. Lee HC, et al. **J Forensic Sci** 1985 Jan;30(1):97–102

Blood monoamine oxidases and CT scans in subgroups of chronic schizophrenics. Tachiki KH, et al. **J Psychiatr Res** 1984;18(3):233–43

Immunoreactive prostatic acid phosphatase in prostatic cancer: diagnosis and followup of patients. Vihko P, et al. **J Urol** 1985 Jun;133(6):979–82

Prenatal diagnosis in cystic fibrosis [editorial] **Lancet** 1985 May 25;1(8439):1199

Prenatal diagnosis of cystic fibrosis [letter] Boué A, et al. **Lancet** 1985 Jul 6;2(8445):47–8

Non-A, non-B hepatitis and intravenous immunoglobulin [letter] Brettie RP. **Lancet** 1985 Jan 5;1(8419):51

Prospective prenatal diagnosis of cystic fibrosis. Brock DJ, et al. **Lancet** 1985 May 25;1(8439):1175–8

Chorion biopsy for prenatal testing in Hunter's syndrome [letter] Harper PS, et al. **Lancet** 1984 Oct 6;2(8406):812–3

Assay for beta-glucuronidase in cerebrospinal fluid: usefulness for the detection of neoplastic meningitis. Tallman RD, et al. **Mayo Clin Proc** 1985 May;60(5):293–8

Gamma glutamyl transpeptidase as a sensitive marker of fetal alcohol exposure. Reyes E, et al. **Neurobehav Toxicol Teratol** 1985 Mar–Apr;7(2):177–80

Amylase in serous ovarian neoplasms. Ramaswamy G, et al. **NY State J Med** 1985 Mar;85(3):113–5

Gamma-glutamyltranspeptidase, aspartate aminotransferase, and erythrocyte mean corpuscular volume as indicators of alcohol consumption in liver disease. Eriksen J, et al. **Scand J Gastroenterol** 1984 Sep;19(6):813–9

Serum isoamylases and canine pancreatic insufficiency [letter] Williams DA. **Vet Rec** 1984 Sep 29;115(13):334

[Lactate dehydrogenase isoenzymes in the diagnosis of hepatobiliary diseases] Iordanova Iu, et al. **Vutr Boles** 1984; 23(6):55–60 (Eng. Abstr.) **(Bul)**

[Serum lactic dehydrogenase assay in the diagnosis and therapeutic monitored of ovarian carcinoma] Mi RR. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Mar;20(2):81–4, 126 (Eng. Abstr.) **(Chi)**

[Cathepsin B-like and possibilities of its use in the diagnosis of ascites of neoplastic origin] Dufek V, et al. **Cas Lek Cesk** 1985 Jan 11;124(2):46–9 (Eng. Abstr.) **(Cze)**

[The significance of angiotensin-converting enzyme in sarcoidosis] Votava V, et al. **Cas Lek Cesk** 1985 Aug 2; 124(31):974–6 (Eng. Abstr.) **(Cze)**

[Importance of monitoring placental alkaline phosphatase in the monitoring of the fetoplacental unit] Novák J, et al. **Cesk Gynekol** 1984 Dec;49(10):708–12 (Eng. Abstr.) **(Cze)**

[The importance of studying pancreatic amylase induction in children of diabetic mothers] Stejskal J, et al. **Cesk Pediatr** 1985 Feb;40(2):79–84 (Eng. Abstr.) **(Cze)**

[Gamma-glutamyltransferase activity as a criterion of chronic alcohol abuse] Sutorý K, et al. **Vnitr Lek** 1985 Jun;31(6):549–54 (Eng. Abstr.) **(Cze)**

[Role of isoenzymes among tumoral markers] Assicot M, et al. **Ann Biol Clin (Paris)** 1984;42(5):329–35 (32 ref.) **(Fre)**

[Comparative study between alkaline phosphatase and gamma-glutamyltranspeptidase in the diagnosis of hepatic metastases] Osanaga E, et al. **J Chir (Paris)** 1985 Jan; 122(1):17–20 (Eng. Abstr.) **(Fre)**

[Acute pancreatitis and biochemical markers. Isoamylase] Brault D, et al. **Pathol Biol (Paris)** 1985 Mar;33(3):195–9 (Eng. Abstr.) **(Fre)**

[Value of the assay of cholinesterase activity in superficial biopsies of the rectum in the diagnosis of Hirschsprung's disease] Caussé E, et al. **Pathol Biol (Paris)** 1985 Feb; 33(2):115–7 (Eng. Abstr.) **(Fre)**

[Detection of hyperamylasuria. Value of a quick test] Vernet Nyssen M, et al. **Presse Med** 1985 Apr 27;14(17):976–7 (Eng. Abstr.) **(Fre)**

[Amylase and lipase as reference values for the differential diagnosis of chronic kidney failure and pancreatitis] Mähr G, et al. **Acta Med Austriaca** 1985;12(2):51–7 (Eng. Abstr.) **(Ger)**

[Angiotensin converting enzyme in lung diseases] Mayr K, et al. **Wien Med Wochenschr** 1985 Mar 15;135(5):109–13 (Eng. Abstr.) **(Ger)**

[Immunohistochemical findings in intrathoracic tumors. IV. gamma-glutamyl transpeptidase--a new tumor marker?] Eckert H. **Z Erkr Atmungsorgane** 1984;162(3):276–81 (Eng. Abstr.) **(Ger)**

[Simplification of serial enzyme activity determinations in the diagnosis and control of acute myocardial infarct] Preugschat R, et al. **Z Med Lab Diagn** 1984;25(5):292–4 **(Ger)**

[Markers of carcinoma of the ovary: serum cystine aminopeptidase and leucine aminopeptidase, reliable diagnostic parameters?] Belgeri R, et al. **Ann Ostet Ginecol Med Perinat** 1984 Sep–Oct; 105(5):325–30 (Eng. Abstr.) **(Ita)**

[Early diagnosis of myocardial infarct: value of the combined use of creatine kinase and MB isoenzyme determinations] Vassanelli C, et al. **G Ital Cardiol** 1985 Feb;15(2):128–34 (Eng. Abstr.) **(Ita)**

[Immunochemical measurement of prostatic acid phosphatase in carcinoma of the prostate] Cooper EH, et al. **Ric Clin Lab** 1984;14 Suppl 2:39–55 **(Ita)**

[Prostatic acid phosphatase by enzymeimmunoassay] Masukagami T, et al. **Hinyokika Kiyo** 1984 Nov; 30(11):1691–5 (Eng. Abstr.) **(Jpn)**

[Clinical significance of the glutamate dehydrogenase activity in serum with special reference to liver damage induced by hypoxia] Akaike M. **Nippon Ika Daigaku Zasshi** 1985 Feb;52(1):10–9 (Eng. Abstr.) **(Jpn)**

[Diagnostic values of serum concentration of the type III procollagen N-terminal peptide in gastric cancer] Akazawa S, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Aug; 81(8):1742–9 (Eng. Abstr.) **(Jpn)**

[Diagnosis of the Wernicke's encephalopathy] Komagamine M, et al. **Rinsho Shinkeigaku** 1985 Apr;25(4):393–400 (Eng. Abstr.) **(Jpn)**

[Laboratory studies in elderly persons] Hankiewicz J. **Postepy Hig Med Dosw** 1984 Jan–Feb;38(1):61–71 (28 ref.) (Eng. Abstr.) **(Pol)**

[Comparative analysis of the clinico-evolutive and enzymatic aspects in acute nontransmural and transmural myocardial

infarct] Olinic N, et al. **Rev Med Interna [Med Interna]** 1985 Mar-Apr;37(2):113-8 (Eng. Abstr.) **(Rum)**
[Enzymological evaluation of the hepatotoxicity of ampicillin and its therapeutic form, roscillin, in the treatment of pyelonephritis in pregnancy] Tamarkina AD, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):62-4 (Eng. Abstr.) **(Rus)**
[Potentials of enzyme tests and radioisotope hepatography in detecting early functional changes in the liver] Vlakhov N, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):25-6 (Eng. Abstr.) **(Rus)**
[Use of dynamic scintigraphy, x-ray computed tomography, ultrasonic scanning of the kidneys and determination of the enzyme activity and beta 2-microglobulin levels of the blood and urine of arterial hypertension patients] Arabidze GG, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1984;7(2):9-16 (Eng. Abstr.) **(Rus)**
[Information value of research on the enzyme status of the peripheral blood leukocytes in a toxicological experiment] Berezovskaia IV, et al. **Farmakol Toksikol** 1985 Jan-Feb;48(1):83-6 (Eng. Abstr.) **(Rus)**
[Cytoenzymologic diagnosis of malignant lymphomas and cancer metastases into the lymph nodes] Zverkova AS, et al. **Gematol Transfuziol** 1984 Aug;29(8):11-4 (Eng. Abstr.) **(Rus)**
[Dynamics of the liver enzyme profile of workers in the phosphorus industry and of patients with chronic phosphorus poisoning following the use of hyperbaric oxygenation] Beloskurskaia GI, et al. **Gig Tr Prof Zabol** 1984 Jul;(7):11-5 (Eng. Abstr.) **(Rus)**
[Serum antitryptic activity in acute appendicitis] Kuznetsov VI, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):39-41 (Eng. Abstr.) **(Rus)**
[Lactate dehydrogenase enzymes and isoenzymes in the diagnosis of forms of acute and postoperative pancreatitis] Trunin MA, et al. **Khirurgiia (Mosk)** 1985 Jan;(1):50-5 (Eng. Abstr.) **(Rus)**
[Enzyme diagnosis of obstructive jaundice] Podil'chak MD, et al. **Klin Khir** 1984 Sep;(9):21-3 (Eng. Abstr.) **(Rus)**
[Value of determining several biochemical indices, indices of the blood clotting system and microelement levels in the evaluating the severity of viral hepatitis] Boiadzhiian KhP, et al. **Klin Med (Mosk)** 1984 Jul;62(7):97-101 (Eng. Abstr.) **(Rus)**
[Activity of glutathione peroxidase and glutathione reductase in the blood in nonspecific inflammatory diseases of the lungs] Garmash VIa, et al. **Klin Med (Mosk)** 1984 Dec;62(12):63-8 (Eng. Abstr.) **(Rus)**
[Clinical significance of determining lactate and malate dehydrogenase isoenzymes and hepatic ultrastructure in acute liver failure] Kozyrev MA. **Klin Med (Mosk)** 1984 Jul;62(7):101-5 (Eng. Abstr.) **(Rus)**
[Diagnostic value of the activity of isoforms of gamma-glutamyltranspeptidase in chronic alcoholic lesions of the liver] Loginov AS, et al. **Klin Med (Mosk)** 1984 Jul;62(7):93-7 (Eng. Abstr.) **(Rus)**
[Differential diagnostic importance of determining lactate dehydrogenase in stomach biopsies] Shukurian SG, et al. **Klin Med (Mosk)** 1985 Apr;63(4):68-72 (Eng. Abstr.) **(Rus)**
[Significance of determining serum enzyme activity in diagnosing myocardial infarct and in evaluating the functional state of the liver] Makarevich OP, et al. **Lab Delo** 1984;(10):593-7 (Eng. Abstr.) **(Rus)**
[Enterokinase and alkaline phosphatase activity in children with hymenolepiasis and lambliasis] Baratov RD, et al. **Med Parazitol (Mosk)** 1984 Sep-Oct;(5):23-6 (Eng. Abstr.) **(Rus)**
[Alpha 1-antitrypsin and alpha 2-macroglobulin activity in the blood plasma in radiation and thermal injury] Konnova LA, et al. **Patol Fiziol Eksp Ter** 1984 Sep-Oct;(5):17-20 (Eng. Abstr.) **(Rus)**
[Enzymatic diagnosis of kidney lesions in pulmonary tuberculosis patients] Kazakov KS, et al. **Probl Tuberk** 1985;(4):57-60 (Eng. Abstr.) **(Rus)**
[Value of various biochemical tests in determining the activity of the tuberculous process] Kharakter ZhZ, et al. **Probl Tuberk** 1984 Nov;(11):14-8 (Eng. Abstr.) **(Rus)**
[Integral indicators in the diagnosis and prognosis of infection] Bilibin AF, et al. **Sov Med** 1984;(7):39-42 (Eng. Abstr.) **(Rus)**
[Importance of the cytochemical study of blood leukocyte enzyme activity in acute pneumonias] Magomedov AZ. **Ter Arkh** 1985;57(3):130-3 (Eng. Abstr.) **(Rus)**
[Changes in the activities of proteolytic enzymes of the stomach in peptic ulcer and their diagnostic significance] Sorokina VG. **Ter Arkh** 1984;56(8):107-10 (Eng. Abstr.) **(Rus)**
[Lipoprotein lipase activity of the blood in chronic glomerulonephritis patients] Cherniakin IuD, et al. **Urol Nefrol (Mosk)** 1985 Mar-Apr;(2):50-3 (Eng. Abstr.) **(Rus)**
[Various current aspects of diagnostic enzymology using organ-specific enzymes] Karelin AA, et al. **Vestn Akad Med Nauk SSSR** 1984;(8):89-94 (31 ref.) **(Rus)**
[Significance of phospholipase activity in assessing the course of the wound process in children] Borodina NV. **Vestn Khir** 1985 Apr;134(4):84-7 (Eng. Abstr.) **(Rus)**
[Clinico-enzymological aspects of peritonitis as a special form of inflammation] Eriukhin IA, et al. **Vestn Khir** 1985 Apr;134(4):49-53 (Eng. Abstr.) **(Rus)**
[Neutral alpha glucosidase in human urine as a marker of kidney impairment] Lukomskaia IS, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):74-8 (Eng. Abstr.) **(Rus)**
[Biochemical diagnosis of sialidosis in a child with a 'cherry spot' in the fundus oculi as the main clinical symptom of the disease] Tsvetkova IV, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):81-3 (Eng. Abstr.) **(Rus)**
[Changes in 5-nucleotidase activity in viral hepatitis] Radzevich IM, et al. **Vrach Delo** 1984 Aug;(8):112-4 (Eng. Abstr.) **(Rus)**
[Enzyme diagnostic criteria of alcoholism] Piatnitskaia IN, et al. **Zh Nevropatol Psikhiatr** 1985;85(7):1051-3 (Eng. Abstr.) **(Rus)**
[ACE in serum—clinical significance in sarcoidosis] Filipović N, et al. **Plucne Bolesti** 1984 Jun-Jun;36(1-2):98-101 (Eng. Abstr.) **(Ser)**
[Evaluation of methods for the determination of creatine kinase isoenzymes in blood] Ivanović I, et al. **Vojnosanit Pregl** 1985 Mar-Apr;42(2):119-22 (Eng. Abstr.) **(Ser)**
[Will enzyme tests replace biological methods of determining interferon?] Vilček S, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 Feb;34(1):32-8 (Eng. Abstr.) **(Slo)**
[Diphtheric myocarditis in children: diagnostic value of serum glutamic-oxaloacetic transaminase] Aguilar-Avila R, et al. **Bol Med Hosp Infant Mex** 1984 Aug;41(8):416-20 (Eng. Abstr.) **(Spa)**
[Early diagnosis of pleuroperitoneal tuberculosis by the determination of adenosine deaminase] Martínez-Vázquez JM, et al. **Med Clin (Barc)** 1984 Nov 3;83(14):578-80 (Eng. Abstr.) **(Spa)**
[Serum neuron-specific enolase in the diagnosis of lung pathologies, tumorous or not. Preliminary results (letter)] Ruibal A, et al. **Med Clin (Barc)** 1985 Mar 16;84(10):418-9 **(Spa)**
[Advances in the enzymatic diagnosis of hepatobiliary diseases] Calvo C. **Rev Med Chil** 1984 Apr;112(4):379-85 (53 ref.) (Eng. Abstr.) **(Spa)**

ECONOMICS

Should donor blood be screened for elevated alanine aminotransferase levels? A cost-effectiveness analysis. Silverstein MD, et al. **JAMA** 1984 Nov 23-30;252(20):2839-45
Cost-effective myocardial isoenzyme determination. Minor M, et al. **W Va Med J** 1985 Jul;81(7):139-42

INSTRUMENTATION

Rapid measurement of creatine kinase activity in a coronary care unit using a portable benchtop reflectance photometer. Gibb I, et al. **Br Med J [Clin Res]** 1985 May 11;290(6479):1381-3
Lactate dehydrogenase activity in gingival crevicular fluid collected with filter paper strips: analysis in subjects with non-inflamed and mildly inflamed gingiva. Lamster IB, et al. **J Clin Periodontol** 1985 Feb;12(2):153-61
[Progress of biological sensors and their application to medicine] Karube I. **Nippon Rinsho** 1985 Apr;43(4):851-9 **(Jpn)**

METHODS

Cord blood G-6-PD activity by quantitative enzyme assay and fluorescent spot test in Chinese neonates. Fok TF, et al. **Aust Paediatr J** 1985 Feb;21(1):23-5
Immunoenzymetric assay for creatine kinase MB with subunit-specific monoclonal antibodies compared with an immunochemical method and electrophoresis. Chan DW, et al. **Clin Chem** 1985 Mar;31(3):465-9
Efficiency in the diagnosis of acute pancreatitis increased by improved electrophoresis of amylase isoenzyme P3 on cellulose acetate. Massey TH. **Clin Chem** 1985 Jan;31(1):70-5
Tissue LDH isoenzyme assays in the detection of colonic carcinoma [letter] Walton B, et al. **Clin Chem** 1985 Jan;31(1):163
Comparison of enzyme immunoassay and immunoprecipitation for creatine kinase MB in diagnosis of acute myocardial infarction. Wu AH, et al. **Clin Chem** 1985 Mar;31(3):470-4
Sodium taurocholate effect on beta-glucosidase activity: a new approach for identification of Gaucher disease using the synthetic substrate and leucocytes. Magalhães J, et al. **Clin Chim Acta** 1984 Aug 31;141(2-3):111-8
Human prolyl hydroxylase. Purification, radioimmunoassay and clinical studies in liver diseases. Nagai Y, et al. **Gastroenterol Jpn** 1985 Feb;20(1):53-64
Diagnostic accuracy of four assays of prostatic acid phosphatase. Comparison using receiver operating characteristic curve analysis. Carson JL, et al. **JAMA** 1985 Feb 1;253(5):665-9
Prenatal diagnosis of neural-tube defects with a monoclonal antibody specific for acetylcholinesterase. Brock DJ, et al. **Lancet** 1985 Jan 5;1(8419):5-8
[The value of enzymatic technics in the chemical control of stable and unstable blood products] Reuge C. **Rev Fr Transfus Immunohematol** 1985 Feb;28(1):51-9 (Eng. Abstr.) **(Fre)**
[Quantification of the drug-metabolizing enzyme system in liver diseases: a comparison between antipyrine saliva clearance and the aminopyrine breath test] von Mandach U, et al. **Schweiz Med Wochenschr** 1985 May 11;115(19):651-8 (Eng. Abstr.) **(Ger)**
[Problems with current enzyme tests] Korovkin BF. **Vestn Akad Med Nauk SSSR** 1985;(1):12-22 (Eng. Abstr.) **(Rus)**
[Experience in using the determination of bone alkaline phosphatase in diseases of the maxillofacial area] Kulikova VS, et al. **Vestn Akad Med Nauk SSSR** 1984;(12):63-5 (Eng. Abstr.) **(Rus)**
[Increased specificity of immunoenzyme analysis for diagnosing meningococcal infection] Zhuravleva GV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):63-6 (Eng. Abstr.) **(Rus)**

STANDARDS

Alkaline phosphatase and the International Clinical Enzyme Scale. McComb RB, et al. **Am J Clin Pathol** 1985 Jul;84(1):67-73
Better quality control of serum CK-MB determinations [letter] Ng RH, et al. **Clin Chem** 1984 Oct;30(10):1720-1

VETERINARY

Diagnosis of Fasciola hepatica infection in beef calves by plasma enzyme analysis. Wyckoff JH 3d, et al. **Am J Vet Res** 1985 May;46(5):1015-9
[Enzyme constellation of the blood plasma in the prognosis of decreased adaptability in newborn calves] Ivanov V, et al. **Vet Med Nauki** 1985;22(5):60-5 (Eng. Abstr.) **(Bul)**
[Changes in the serum enzymes and clinical and clinico-biochemical indices of cows with subclinical ketosis] Peneva I, et al. **Vet Med Nauki** 1984;21(10):28-36 (Eng. Abstr.) **(Bul)**

ENZYMES

pH-based enzyme potentiometric sensors. Part 1. Theory. Caras SD, et al. **Anal Chem** 1985 Aug;57(9):1917-20
pH-based enzyme potentiometric sensors. Part 2. Glucose-sensitive field effect transistor. Caras SD, et al. **Anal Chem** 1985 Aug;57(9):1920-3
pH-based enzyme potentiometric sensors. Part 3. Penicillin-sensitive field effect transistor. Caras SD, et al. **Anal Chem** 1985 Aug;57(9):1924-5
Model of a two-substrate enzyme electrode for glucose. Leypoldt JK, et al. **Anal Chem** 1984 Dec;56(14):2896-904
Redesigning enzymes by site-directed mutagenesis. Fersht AR, et al. **Ciba Found Symp** 1985;111:204-18
The design of new enzyme active sites for the catalysis of specific chemical reactions. Kaiser ET, et al. **Ciba Found Symp** 1985;111:219-30
Enzyme-controlled reactions giving alkanols of use in the synthesis of biologically active molecules. Roberts SM. **Ciba Found Symp** 1985;111:31-9
The proton inventory technique. Venkatasubban KS, et al. **CRC Crit Rev Biochem** 1984;17(1):1-44 (66 ref.)
Enzymatic reactions in organic solvents. Fukui S, et al. **Endeavour** 1985;9(1):10-7
pH-induced co-operative effects in hysteretic enzymes. 1. A theoretical model of a new type of co-operative behaviour controlled by pH. Ricard J, et al. **Eur J Biochem** 1984 Dec 3;145(2):311-7
Artificial and natural thermostabilization of subunit enzymes. Do they have similar mechanism? Trubetskoy VS, et al. **Int J Biochem** 1985;17(5):661-3
Reactions of selenium dioxide free radicals with amino acids and enzymes. Tamba M, et al. **Int J Radiat Biol** 1985 Aug;48(2):259-70
A role for metabolite enantiomers in the evolution and integration of enzyme driven systems. Grafstein D. **J Theor Biol** 1985 May 7;114(1):11-20
Meso and racemic organisms and the transition to asymmetry. Grafstein D. **J Theor Biol** 1985 Aug 7;115(3):415-27
Substrate aggregation and cooperative enzyme kinetics: consideration of enzyme access with large aggregates. Teasdale RD, et al. **J Theor Biol** 1985 Jun 7;114(3):375-82
The use of enzyme-based laundry 'presoaks' for clearing small vertebrates for alizarin red staining of bony tissues. Gosztonyi AE. **Stain Technol** 1984 Sep;59(5):305-7
Interaction of therapeutic ultrasound with purified enzymes in vitro. Chetverikova EP, et al. **Ultrasonics** 1985 Jul;23(4):183-8
[Organizing role of electric fields in structured enzymatic systems] Valleton JM, et al. **C R Acad Sci [III]** 1985;300(12):449-52 (Eng. Abstr.) **(Fre)**
[Recent progress in enzyme technology in laboratory medicine] Kohsaka A. **Rinsho Byori** 1984 Sep;32(9):929-36 (22 ref.) **(Jpn)**
[Enzymes as a subject of invention] Bondarenko NG, et al. **Ukr Biokhim Zh** 1984 Sep-Oct;56(5):587-92 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Erythrocytes as carrier for therapeutic enzymes—an approach towards enzyme therapy of inborn errors of metabolism. Sprandel U. **Bibl Haematol** 1985;(51):7-14
[Enzymes and iontophoresis] Onkelinx, et al. **Acta Belg Med Phys** 1984 Jul-Sep;7(3):101-6 **(Fre)**
[Premedication for sonography. Enzyme-paractol in

comparison with a placebo] Heyder N, et al. **Fortschr Med** 1984 Sep 13;102(34):850-2 (Eng. Abstr.) (Ger)

[Use of combined preparations in the treatment of ischemic heart disease] Kuz'ko NV. **Vrach Delo** 1985 Jun;(6):10-3 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

Lung function, atopy, specific hypersensitivity, and smoking of workers in the enzyme detergent industry over 11 years. Flood DF, et al. **Br J Ind Med** 1985 Jan;42(1):43-50

ANALYSIS

A coupled enzyme assay for isopenicillin N synthetase. Baldwin JE, et al. **Anal Biochem** 1985 Feb 15;145(1):183-7

A method for the spectrophotometric assay of anaerobic enzymes. Daniels L, et al. **Anal Biochem** 1984 Aug 15; 141(1):232-7

Solid-phase assay for the detection of low-abundance enzymes, and antibodies to enzymes in immune reactions, using acid sphingomyelinase as a model. Freeman SJ, et al. **Anal Biochem** 1984 Aug 15;141(1):248-52

Monoclonal antibodies in enzyme research: present and potential applications. Vora S. **Anal Biochem** 1985 Feb 1; 144(2):307-18 (107 ref.)

Specific enzymatic procedure for the determination of starch in soya-based animal feed pre-mixes. Hui MS. **Analyst** 1984 Nov;109(11):1503-4

Identification of denatured enzyme proteins in sodium dodecyl sulfate polyacrylamide gels. Hakvoort TB, et al. **Biochem Med** 1985 Jun;33(3):327-33

Enzymes, isozymes, and enzyme variants in the diagnosis of cancer. A short review. Stefanini M. **Cancer** 1985 May 1; 55(9):1931-6 (43 ref.)

Determination of enzyme activity in biological fluids by means of electrochemical oxidation of NADH at a modified glassy carbon electrode. Bartalits L, et al. **Clin Chem** 1984 Nov;30(11):1780-3

Will implementation of ICES delay method standardization in clinical enzymology? Scandinavian Committee on Enzymes [letter] Gerhardt W. **Clin Chem** 1985 Feb; 31(2):342-4

Evaluation of the thermal stability of clinically relevant enzymes at 37 degrees C. Sanford KJ, et al. **Enzyme** 1984; 32(1):1-11

Rapid enzymatic characterization of clinically encountered anaerobic bacteria with the API ZYM system. Marler L, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):294-300

A biochemical approach to cancer management. Duffy MJ. **Ir J Med Sci** 1984 Sep;153(9):297-301

pH, urea and substrate gradients for the optimization of ultrathin polyacrylamide gel zymograms. Görg A, et al. **J Biochem Biophys Methods** 1985 Mar;10(5-6):341-50

Carry-over effects from reagent to reagent. Haeckel R. **J Clin Chem Clin Biochem** 1985 Apr;23(4):255-6

The rapid-flow-quench method in the study of fast reactions in biochemistry: extension to subzero conditions. Barman TE, et al. **Methods Biochem Anal** 1985;31:1-59 (106 ref.)

Application of cytochrome P-450 in enzyme reactors and enzyme electrodes. Schubert F, et al. **Pharmazie** 1985 Apr; 40(4):235-9 (63 ref.)

[Our experience with the Impact 400 automatic analyzer in determining enzymes and substrates] Danev S, et al. **Vutr Boles** 1985;24(3):109-14 (Bul)

BIOSYNTHESIS

Fermentation: process and production 4. Subrahmanyam A, et al. **Hindustan Antibiot Bull** 1984 Aug-Nov; 26(3-4):145-58

Lysin production by phi C2(W), a prolate phage for Streptococcus lactis C2. Mullan WM, et al. **J Dairy Res** 1985 Feb;52(1):113-21

BLOOD

Clinical, enzymological and histological changes in chronic diffuse liver diseases following (+)-cyanidanol-3 (Catergen) treatment. Halmy L, et al. **Acta Physiol Hung** 1984;64(3-4):461-70

Enzymatic assessment of myocardial necrosis after cardiac surgery: differentiation from skeletal muscle damage, hemolysis, and liver injury. Willems GM, et al. **Am Heart J** 1985 Jun;109(6):1243-52

Nitrogen utilization, enzyme activity, glucose intolerance and leukocyte chemotaxis in human experimental zinc depletion. Baer MT, et al. **Am J Clin Nutr** 1985 Jun; 41(6):1220-35

Survey of serum enzyme analyses. Human tissues as a source of enzymes. Lott JA, et al. **Arch Pathol Lab Med** 1984 Dec;108(12):949-53

Red cell enzymopathies: molecular mechanisms. Dreyfus JC, et al. **Clin Biochem** 1984 Dec;17(6):331-40 (86 ref.)

Laboratory evaluation of the Greiner G-400 discrete selective multichannel analyzer. Degiampietro P, et al. **Clin Chem** 1985 Feb;31(2):302-5

Performance of the ASTRA enzyme systems evaluated. Janssen JW, et al. **Clin Chem** 1984 Nov;30(11):1830-3

Kits for enzyme determinations compared: relation between composition and quality. Peters FP, et al. **Clin Chem** 1984 Oct;30(10):1625-30

Behaviour of several enzymes of lysosomal origin in human plasma during whole blood storage. Lombardo A, et al. **Clin Chim Acta** 1984 Nov 30;143(3):343-53

Enzymological studies of melanotropins. Castrucci AM, et al. **Comp Biochem Physiol [B]** 1984;78(3):519-24

Contribution of electrocardiograms, serum enzymes and history of chest pain to the diagnosis of acute myocardial infarction—a community-based register study in North Karelia, Finland, 1972-1981. Mustaniemi H, et al. **Eur Heart J** 1985 Jan;6(1):21-8

Effects on analgesic and antirheumatic drugs on the assay of serum enzymes. Jelić Z, et al. **J Clin Chem Clin Biochem** 1984 Aug;22(8):559-63

Sudden death in measles and its relationship to serum enzyme and electrocardiographic changes. Wooldridge MA. **J Trop Pediatr** 1985 Jun;31(3):160-2

Age-related red cell enzymes in children with transient erythroblastopenia of childhood and with hemolytic anemia. Beutler E, et al. **Pediatr Res** 1985 Jan;19(1):44-7

Stability and storage characteristics of enzymes in cattle blood. Jones DG. **Res Vet Sci** 1985 May;38(3):301-6

Stability and storage characteristics of enzymes in sheep blood. Jones DG. **Res Vet Sci** 1985 May;38(3):307-11

[Enzyme constellation of the blood plasma in the prognosis of decreased adaptability in newborn calves] Ivanov V, et al. **Vet Med Nauki** 1985;22(5):60-5 (Eng. Abstr.) (Bul)

[Experiences with the clarification of lipemic sera using Fri-dohna 113] Baufeld A, et al. **Z Med Lab Diagn** 1985; 26(4):238-9 (Ger)

[Effect of hormonal contraceptives on the activity of various enzymes in blood serum] Schädel JM, et al. **Z Med Lab Diagn** 1985;26(2):77-85 (Eng. Abstr.) (Ger)

[Classification of liver diseases based on discriminant analysis of serum enzyme activities] Murai T, et al. **Rinsho Byori** 1984 Dec;32(12):1361-4 (Jpn)

[Clinical and biological study of the immediate adverse reactions after the intravenous administration of organoiodate contrast substances. II. The behavior of enzyme systems in the serum] Păsculescu G, et al. **Rev Med Interna [Med Interna]** 1985 Jan-Feb;37(1):79-82 (Rum)

[Indicators of carbohydrate metabolism and serum enzyme activity after short-term space flights] Popova IA, et al. **Kosm Biol Aviakosm Med** 1984 Nov-Dec;18(6):78-9 (Rus)

[Correlation of the enzymes of normal leukocytes and in exposure to toxic factors] Aliev VA. **Lab Delo** 1984; (8):465-8 (Eng. Abstr.) (Rus)

[Role of disorders in the barrier-protective function of the skin, protein metabolism and enzyme activity in workers engaged in the manufacture of thermoelements during the development of occupational dermatoses] Kordis BD, et al. **Vestn Dermatol Venerol** 1985 Mar;(3):59-62 (Eng. Abstr.) (Rus)

[Effect of adrenalectomy and anti-adrenergic preparations on the development of hyperenzymic and biochemical changes in the blood in burns] Petrov VN, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):64-7 (Eng. Abstr.) (Rus)

CEREBROSPINAL FLUID

Prognostic value of enzyme determinations in cerebrospinal fluid after circulatory arrest. Vaagenes P. **Acta Anaesthesiol Belg** 1984;35 Suppl:227-34

CHEMICAL SYNTHESIS

Chemical mutation of enzyme active sites. Kaiser ET, et al. **Science** 1984 Nov 2;226(4674):505-11

[The 1984 Nobel prize for chemistry. Synthetic hormones and enzymes with Merrifield's peptide synthesizer] Domagk GF. **Dtsch Med Wochenschr** 1984 Dec 7; 109(49):1901-2 (Ger)

[Artificial enzymes] Werber M. **Harefuah** 1984 Jun 1; 106(11):511-4 (Heb)

DEFICIENCY

Molecular aspects of erythroenzymopathies associated with hereditary hemolytic anemia. Miwa S, et al. **Am J Hematol** 1985 Jul;19(3):293-305 (108 ref.)

Enzymatic deficiencies of the immune system cells in patients with cancer of the larynx and other malignancies. Gierek T, et al. **Auris Nasus Larynx** 1985;12(1):47-51

Enzymes and survival. Hall DA. **Mech Ageing Dev** 1984 Dec; 28(2-3):219-28

DIAGNOSTIC USE

[Enzymatic cycling—a microassay based on enzymatic amplification reactions] Kato T. **Iyodenshi To Seitai Kogaku** 1984 Aug;22(4):260-6 (23 ref.) (Jpn)

GENETICS

Genetic studies in Atacameño Indians: serum protein and red cell-enzyme polymorphisms. Goedde HW, et al. **Ann Hum Biol** 1985 May-Jun;12(3):251-9

Serogenetic studies on the inhabitants of Tristan da Cunha. Jenkins T, et al. **Ann Hum Biol** 1985 Jul-Aug;12(4):363-71

Red-cell enzymes and serum proteins among Brahmins and Kammas of coastal Andhra Pradesh, India. Naidu JM, et al. **Ann Hum Biol** 1985 May-Jun;12(3):291-3

Population structure and blood genetics of the Pacaás Novos Indians of Brazil. Salzano FM, et al. **Ann Hum Biol** 1985 May-Jun;12(3):241-9

Enzyme markers in inbred rat strains: genetics of new markers and strain profiles. Adams M, et al. **Biochem Genet** 1984 Aug;22(7-8):611-29

Enzymatic and quantitative variation in European and African populations of Drosophila simulans. Hyytia P, et al. **Heredity (Edinburgh)** 1985 Apr;54 (Pt 2):209-17

A sero-biochemical genetic study of Jalari and Brahmin caste populations of Andhra Pradesh, India. Naidu JM, et al. **Hum Hered** 1985;35(3):148-56

Genetic relationships between Indians and their neighboring populations. Roychoudhury AK, et al. **Hum Hered** 1985; 35(4):201-6

Population genetics of polymorphisms in Cardiff newborn. Relationship between blood group and allozyme heterozygosity and birth weight. Ward RD, et al. **Hum Hered** 1985;35(3):171-7

Genetic variation affecting the expression of enzyme-coding genes in Drosophila: an evolutionary perspective. Laurie-Ahlberg CC. **Isozymes Curr Top Biol Med Res** 1985;12:33-88 (206 ref.)

Genetic structure of populations of Legionella pneumophila. Selander RK, et al. **J Bacteriol** 1985 Sep;163(3):1021-37

New allozyme variability in Italian honey bees. Sheppard WS, et al. **J Hered** 1985 Jan-Feb;76(1):45-8

Ethyl methanesulfonate-induced mutations of major genes for quantitative phenotypes: mutant alleles for altered activity of brain or liver enzymes in C57BL/6J mice and their inheritance across several generations. McGarrity LJ, et al. **Mutat Res** 1985 Apr;142(4):193-8

Better enzymes by design [news] Kaiser ET. **Nature** 1985 Feb 21-27;313(6004):630-1

Amino acid replacements that compensate for a large polypeptide deletion in an enzyme. Ho C, et al. **Science** 1985 Jul 26;229(4711):389-93

Genetic markers in Liberia: studies of Glo, AcP, EsD, 6-PGD, Ak, Sub PGM and alpha 1 at polymorphisms. Goedde HW, et al. **Z Morphol Anthropol** 1985;75(3):349-54

HISTORY

The multi-enzyme programme of protein synthesis—its neglect in the history of biochemistry and its current role in biotechnology. Bartels D. **Pubbl Stn Zool Napoli [II]** 1983;5(2):187-219

IMMUNOLOGY

Immunological procedures in clinical enzyme diagnostics. Bohner J, et al. **J Clin Chem Clin Biochem** 1984 Dec; 22(12):943-52

ISOLATION & PURIFICATION

Isolation of enzymes from polyacrylamide disk gels by a centrifugal homogenization method. Kobayashi M, et al. **Anal Biochem** 1985 Mar;145(2):351-3

Purification of isopenicillin N synthetase. Pang CP, et al. **Biochem J** 1984 Sep 15;222(3):789-95

Large-scale purification of enzymes. Scawen MD. **Ciba Found Symp** 1985;111:40-56

N-terminal amino acid sequence and some properties of isopenicillin-N synthetase from Cephalosporium acremonium. Baldwin JE, et al. **FEBS Lett** 1985 Sep 2; 188(2):253-6

Purification and properties of the activating enzyme for iron protein of nitrogenase from the photosynthetic bacterium Rhodospirillum rubrum. Saari LL, et al. **J Biol Chem** 1984 Dec 25;259(24):15502-8

High-performance liquid chromatographic investigations on some enzymes of papaya latex. Calam DH, et al. **J Chromatogr** 1985 Jun 19;326:103-11

Parameters determining affinity partitioning of yeast enzymes using polymer-bound triazine dye ligands. Johansson G, et al. **J Chromatogr** 1984 Oct 26;303(1):39-51

Partial purification and some properties of phi C2(W) lysin, a lytic enzyme produced by phage-infected cells of Streptococcus lactis C2. Mullan WM, et al. **J Dairy Res** 1985 Feb;52(1):123-38

METABOLISM

Enzyme histochemical changes in retinal ganglion cells and the optic nerve after goldfish optic nerve lesion. A regenerative and hypertrophic phenomena study. Marani E, et al. **Acta Morphol Neerl Scand** 1984 Jul;22(2):97-114

Skeletal muscle in paramyotonia congenita: biochemistry, histochemistry and morphology. Friis ML, et al. **Acta Neurol Scand** 1985 Jan;71(1):62-8

A semi-integrated method for the determination of enzyme kinetic parameters and graphical representation of the Michaelis-Menten equation. Naqui A, et al. **Anal Biochem** 1984 Aug 15;141(1):179-83

A new kinetic diagnostic for enzymatic mechanisms using alternative substrates. Radika K, et al. **Anal Biochem** 1984 Sep;141(2):413-7

A method for determining oligo- and poly(ADP-ribosyl)ated enzymes and proteins in vitro. Tanaka Y, et al. **Anal Biochem** 1985 Feb 15;145(1):137-43

Series-type enzyme deactivation kinetics: influence of immobilization, chemical modifiers, and enzyme aging. Henley JP, et al. **Ann NY Acad Sci** 1984;434:64-9

Strategies for increasing the stability of enzymes. Stellwagen E. **Ann NY Acad Sci** 1984;434:1-6 (20 ref.)

The chemical modification of enzymatic specificity. Kaiser ET, et al. **Annu Rev Biochem** 1985;54:565-95 (138 ref.)

Isopenicillin N synthetase of Penicillium chrysogenum, an enzyme that converts delta-(L-alpha-aminoadipyl)-L-cysteinyl-D-valine to isopenicillin N. Ramos FR, et al. **Antimicrob Agents Chemother** 1985 Mar;27(3):380-7

The effect of hydrogen ion on the steady-state multiplicity of substrate-inhibited enzymatic reactions. II. Transient behavior. Elnashaie SS, et al. **Appl Biochem Biotechnol** 1983 Dec;8(6):467-79

The effect of hydrogen ions on the steady state multiplicity of substrate-inhibited enzymatic reactions. III. Asymmetrical steady states in enzyme membranes. Elnashaie SS, et al. **Appl Biochem Biotechnol** 1984 Oct-Dec;9(5-6):455-74

Enzymatic channeling of DNA precursors. Mathews CK. **Basic Life Sci** 1985;31:47-66 (60 ref.)

Enzyme release and glycolytic energy production. Piper HM, et al. **Basic Res Cardiol** 1985;80 Suppl 1:143-7

Association of folate molecules as determined by proton NMR: implications on enzyme binding. Khaled MA, et al. **Biochem Biophys Res Commun** 1985 Aug 15; 130(3):1273-80

Actin and coordination of metabolic processes. Poglazov BF. **Biochem Int** 1983 Jun;6(6):757-65 (49 ref.)

Integrated rate equations for irreversible enzyme-catalysed first-order and second-order reactions. Boeker EA. **Biochem J** 1985 Feb 15;226(1):29-35

Integrated rate equations for enzyme-catalysed first-order and second-order reactions. Boeker EA. **Biochem J** 1984 Oct 1;223(1):15-22

Estimation of the initial velocity of enzyme-catalysed reactions by non-linear regression analysis of progress curves. Duggleby RG. **Biochem J** 1985 May 15; 228(1):55-60

The computerized derivation of steady-state rate equations for enzyme kinetics. Herries DG. **Biochem J** 1984 Oct 15; 223(2):551-3

The evolution of enzyme kinetic power. Keleti T, et al. **Biochem J** 1984 Oct 15;223(2):299-303

Regulatory proteins (inhibitors or activators) affect estimates of Mr of enzymes and receptors by radiation inactivation. A theoretical model. Potier M, et al. **Biochem J** 1985 Mar 15;226(3):797-801

Kinetics of protein modification reactions. Plot of fractional enzyme activity versus extent of protein modification in cases where all modifiable groups are essential for enzyme activity. Rakitzis ET. **Biochem J** 1984 Oct 1;223(1):259-62

Electron-paramagnetic-resonance spectroscopy in biochemistry: past, present and future. Beinert H. **Biochem Soc Trans** 1985 Jun;13(3):542-7 (70 ref.)

Limited proteolysis of enzymes: the generation of functionally modified derivatives in vitro and in vivo. Beynon RJ, et al. **Biochem Soc Trans** 1985 Apr;13(2):306-8

Electron-spin-resonance studies on flavoenzymes. Edmondson DE. **Biochem Soc Trans** 1985 Jun; 13(3):593-600

Kinetic analysis of protonation of a specific site on a buffered surface of a macromolecular body. Gutman M, et al. **Biochemistry** 1985 Jun 4;24(12):2941-6

Effect of buffer on kinetics of proton equilibration with a protonable group. Gutman M, et al. **Biochemistry** 1985 Jun 4;24(12):2937-41

The dynamic basis of energy transduction in enzymes. Somogyi B, et al. **Biochim Biophys Acta** 1984 Sep 6; 768(2):81-112 (141 ref.)

Lysosomal enzymes in the intestine of the newborn lamb. Healy PJ. **Biol Neonate** 1984;46(4):186-91

On optimum properties in the design of metabolic and epigenetic systems. Reich JG. **Biomed Biochim Acta** 1985; 44(6):845-52

On the apparent clustering of clonal albumin production and enzyme activity levels. Thaler HT, et al. **Biometrics** 1984 Dec;40(4):1095-102

Enzyme diffusion and action on soluble and insoluble substrate biopolymers. Katchalski-Katzir E, et al. **Biopolymers** 1985 Jan;24(1):257-77

Action of acrylamide on selected enzymes of energy metabolism in denervated cat peripheral nerves. Ross SM, et al. **Brain Res** 1985 Aug 5;340(1):189-91

Stieltjes integration and differential geometry: a model for enzyme recognition, discrimination, and catalysis. Louie AH, et al. **Bull Math Biol** 1984;46(5-6):745-64

Theory and practical application of coupled enzyme reactions: one and two auxiliary enzymes. Brooks SP, et al. **Can J Biochem Cell Biol** 1984 Oct;62(10):945-55

Classification of skeletal muscle fibers by comparison of enzyme histochemistry with lectin binding. Yamagami T, et al. **Cell Mol Biol** 1985;31(4):241-9

Enzymes in organic synthesis. **Ciba Found Symp** 1985; 111:1-248

Creation of novel chiral synthons with enzymes: application to enantioselective synthesis of antibiotics. Ohno M. **Ciba Found Symp** 1985;111:171-87

Applications of cell-free enzymes in organic synthesis. Whitesides GM. **Ciba Found Symp** 1985;111:76-96

A BASIC computer program for use in evaluating enzyme-substrate-inhibitor kinetics [letter] Lutz RA, et al. **Clin Chem** 1985 Apr;31(4):656

Insulin-dependent production of low-molecular-weight compounds that modify key enzymes in metabolism. Stevens EV, et al. **Comp Biochem Physiol [B]** 1985; 81(1):1-8 (93 ref.)

Distribution-free computer methods for analysing ligand binding and enzyme mechanisms. Crabbe MJ. **Comput Biol Med** 1985;15(3):111-21

Pocket computer program for fitting the Hill equation. Pinto GF, et al. **Comput Biol Med** 1984;14(4):507-11

Computerized analysis of enzyme cascade reactions using continuous rate data obtained with an ELISA reader. Carson SD. **Comput Programs Biomed** 1985;19(2-3):151-7

Enzymology of DNA in replication in prokaryotes. Marians KJ. **CRC Crit Rev Biochem** 1984;17(2):153-215 (420 ref.)

Enzymatic activation of chemicals to toxic metabolites. Guengerich FP, et al. **CRC Crit Rev Toxicol** 1985; 14(3):259-307 (333 ref.)

Enzyme catalysis and control. **Curr Top Cell Regul** 1984; 24:1-494

Involvement of guanidino groups in anion-binding sites and in enzyme-catalyzed covalent modification reactions. Graves DJ, et al. **Curr Top Cell Regul** 1984;24:181-8

Equilibrium kinetic studies of enzyme mechanism and control. Silverstein E. **Curr Top Cell Regul** 1984;24:209-18

Perinatal development of cytochrome P-450, cytochrome C reductase, aryl hydrocarbon hydroxylase, styrene monooxygenase, and styrene epoxide hydrolase in rabbit liver microsomes and nuclei. Romano M, et al. **Dev Pharmacol Ther** 1985;8(4):232-42

Mouse salivary glands secrete a glucagon-degrading enzyme, not glucagon. Baldissera FG, et al. **Endocrinology** 1985 Jul; 117(1):84-7

The role of protein phosphorylation in the hormonal control of enzyme activity. Cohen P. **Eur J Biochem** 1985 Sep 16; 151(3):439-48 (68 ref.)

A metabolic switch produced by enzymically interconvertible forms of an enzyme. Crabtree B. **FEBS Lett** 1985 Aug 5;187(2):193-5

Modelling the ATP-binding site of oncogene products, the epidermal growth factor receptor and related proteins. Sternberg MJ, et al. **FEBS Lett** 1984 Oct 1;175(2):387-92

Comparative studies on the effect of a single oral dose of DDT or malathion on intestinal uptake of nutrients and brush border membrane enzymes in guinea pigs. Singh R, et al. **Indian J Gastroenterol** 1984 Jul;3(3):151-3

A microcomputer method for designing optimal experiments for estimating enzyme kinetic parameters. Canela EI. **Int J Biomed Comput** 1985 May;16(3-4):257-66

A program for the numerical integration of enzyme kinetic equations using small computers. Franco R, et al. **Int J Biomed Comput** 1984 Nov-Dec;15(6):419-32

Steady state enzyme kinetics: experimental design and data analysis by microcomputer. Roberts BD, et al. **Int J Biomed Comput** 1984 Nov-Dec;15(6):433-41

Enzyme histochemical studies in an ontogeny study of muscle development in Ossabaw and decapitated fetuses: cellular reactions. Hausman GJ, et al. **J Anim Sci** 1985 Jun; 60(6):1562-70

Stability of enzymes. Tombs MP. **J Appl Biochem** 1985 Feb; 7(1):3-24 (70 ref.)

Synthesis and degradation of interconvertible enzymes. Kinetic equations of a model system. Gibson DM, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):433-9

Male and female differences in enzyme activities of energy metabolism in vastus lateralis muscle. Green HJ, et al. **J Neurol Sci** 1984 Sep;65(3):323-31

Muscle fibre type composition in distal myopathy (Welander). An analysis with enzyme- and immuno-histochemical, gel-electrophoretic and ultrastructural techniques. Thornell LE, et al. **J Neurol Sci** 1984 Sep;65(3):269-92

Regulatory devices in metabolism and medicine. The Humphry Davy Rolleston lecture 1983. Randle PJ. **J R Coll Physicians Lond** 1984 Oct;18(4):211-8

A diffusion Michaelis-Menten mechanism: continuous conformational change in enzymatic kinetics. Agmon N. **J Theor Biol** 1985 Apr 21;113(4):711-7

Selection between multiple periodic regimes in a biochemical system: complex dynamic behaviour resolved by use of one-dimensional maps. Decroly O, et al. **J Theor Biol** 1985 Apr 21;113(4):649-71

Meso and racemic organisms and the transition to asymmetry. Grafstein D. **J Theor Biol** 1985 Aug 7;115(3):415-27

Medium reorganization energy and enzymatic reaction activation energy. Kharkats YuI, et al. **J Theor Biol** 1985 Jan 21;112(2):221-49

Effective activation energy of enzymatic and nonenzymatic reactions. Evolution-imposed requirements to enzyme structure. Krishtalik LI. **J Theor Biol** 1985 Jan 21; 112(2):251-64

Problems with linear regression analysis of pharmacological and biochemical data [letter] Maes FW. **J Theor Biol** 1984 Dec 21;111(4):817-9

Mathematical modelling of dynamics and control in metabolic networks. II. Simple dimeric enzymes. Palsson BO, et al. **J Theor Biol** 1984 Nov 21;111(2):303-21

Subunit interactions in enzyme transition states—antagonism between substrate binding and reaction rate. Ricard J, et al. **J Theor Biol** 1984 Dec 21;111(4):737-53

Age-related changes in glucose metabolizing enzymes in spleen, thymus, and pulmonary lavage cells from F344 rats. Dieter MP, et al. **Mech Ageing Dev** 1984 Aug; 26(2-3):253-63

Changes in activities of calmodulin-mediated enzymes in rat brain during aging. Hoskins B, et al. **Mech Ageing Dev** 1984 Aug;26(2-3):231-9

Redox control of enzyme activities by thiol/disulfide exchange. Gilbert HF. **Methods Enzymol** 1984;107:330-51

Pyridoxal phosphate-binding site in enzymes; reduction and comparison of sequences. Morino Y, et al. **Methods Enzymol** 1984;106:116-37

Relationship between dietary protein level and enzymatic changes in acute poisoning of rats with chlorfenvinphos. Pużyńska L. **Nahrung** 1984;28(8):779-87

Quantitative evaluation of the extent of hepatic enzyme changes in Reye syndrome compared with normal liver or with non-Reye liver disorders: objective criteria for animal models. Mitchell RA, et al. **Pediatr Res** 1985 Jan; 19(1):19-22

Effects of different patterns of long-term stimulation on blood flow, fuel uptake and enzyme activities in rabbit fast skeletal muscles. Hudlicka O, et al. **Pflugers Arch** 1984 Nov; 402(3):306-11

The effect of lateral mobility on the binding and reaction rate at membrane sites. Finkelstein JN, et al. **Physiol Chem Phys Med NMR** 1985;17(1):77-9

Alternative view of enzyme reactions. Dewar MJ, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2225-9

The role of the alpha-helix dipole in protein function and structure. Hol WG. **Prog Biophys Mol Biol** 1985; 45(3):149-95 (226 ref.)

Effect of unsaturated acids on membrane structure and enzyme kinetics. Brenner RR. **Prog Lipid Res** 1984; 23(2):69-96 (146 ref.)

NMR studies of enzymatic rates in vitro and in vivo by magnetization transfer. Alger JR, et al. **Q Rev Biophys** 1984 Feb;17(1):83-124 (44 ref.)

Significance of various enzymes in the control of mutagenic and carcinogenic metabolites derived from aromatic structures. Oesch F. **Toxicol Pathol** 1984;12(4):391-6 (37 ref.)

Toxic effects of the soluble skin secretion from the Arabian Gulf catfish (Arius thallasinus, Ruppell) on plasma and liver enzyme levels. Al-Hassan JM, et al. **Toxicon** 1985; 23(3):532-4

[Interaction : detergents-enzymes] Vincenzini MT, et al. **C R Soc Biol (Paris)** 1984;178(3):257-64 (Eng. Abstr.) (Fre)

[Enzyme-histochemical studies of the pig placenta. II. Histotopics of enzymes in the areolar placenta epithelium] Skolek-Winnisch R, et al. **Acta Histochem (Jena)** 1985; 76(2):131-43 (Eng. Abstr.) (Ger)

[Functional liver cell heterogeneity] Häussinger D, et al. **Infusionsther Klin Ernahr** 1984 Oct;11(5):245-53 (Eng. Abstr.) (Ger)

[Histologic, immunohistologic and enzyme histochemical findings in endangitis obliterans] Lambrecht R, et al. **Vasa** 1985;14(1):10-5 (Eng. Abstr.) (Ger)

[Use of a manganese citrate complex in the determination of liver enzyme activities in the aging process and following treatment with aminoethylisothiuronium bromide hydrobromide (AET)] Banga I, et al. **ZFA** 1984 Nov-Dec; 39(6):347-50 (Eng. Abstr.) (Ger)

[Lysosomal enzyme deficiency and its modifying factors] Okada S. **No To Shinkei** 1985 May;37(5):514-6 (Jpn)

[Effect of different doses of ethanol on the release of enzymes and lipids from the perfused rat liver] Talakin IaN, et al. **Ukr Biokhim Zh** 1985 Jul-Aug;57(4):75-8 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Effect of enzyme digestion on the permeability barrier in keratinizing and non-keratinizing epithelia. Squier CA. **Br J Dermatol** 1984 Sep;111(3):253-64

PHYSIOLOGY

Characterization of the clotting activities of structurally different forms of activated factor IX. Enzymatic properties of normal human factor IXa alpha, factor IXa beta, and activated factor IX Chapel Hill. Griffith MJ, et al. **J Clin Invest** 1985 Jan;75(1):4-10

STANDARDS

Difficulties in the normalization of aminotransferase measurement with enzyme standards. Jansen AP. **J Clin Chem Clin Biochem** 1985 Apr;23(4):209-12

THERAPEUTIC USE

Enzyme-albumin polymers. New approaches to the use of enzymes in medicine. Poznansky MJ. **Appl Biochem Biotechnol** 1984;10:41-56

Ins and outs of pancreatic enzymes and adjuvant therapies. Graham DY. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S120-6

[Basic studies on enzyme therapy of immune complex diseases] Steffen C, et al. **Wien Klin Wochenschr** 1985 Apr 12;97(8):376-85 (Eng. Abstr.) (Ger)

URINE

Affinity chromatography of urinary brush-border enzymes on concanavalin-Sepharose [letter] Jung K, et al. **Clin Chem** 1984 Nov;30(11):1878-9

Urinary excretion of glycosaminoglycans and brush border and lysosomal enzymes as markers of glomerular and tubular involvement in kidney diseases. Baggio B, et al. **Contrib Nephrol** 1984;42:107–10

Cis-platinum nephrotoxicity: changes in urinary enzyme pattern in patients submitted to two different dosages. Coratelli P, et al. **Contrib Nephrol** 1984;42:242–7

Effect of cadmium pretreatment on nickel toxicity. Khandelwal S. et al. **IARC Sci Publ** 1984;(53):293–300

Preventive effect of pretreatment with zinc on cadmium nephrotoxicity in rats––evaluation by changes of urinary enzyme activities. Watanabe Y, et al. **Ind Health** 1985; 23(1):25–36

Specimen collection time for enzyme analysis in urine. Barragán F, et al. **J Clin Chem Clin Biochem** 1985 Apr; 23(4):213–4

Enzymuria of the rat: biorhythms and sex differences. Grötsch H, et al. **J Clin Chem Clin Biochem** 1985 Jun; 23(6):343–7

Changes in enzyme activities in urine in children with renal diseases. Straus B, et al. **Z Med Lab Diagn** 1985; 26(3):138–45

[Enzyme determination in the urine for the evaluation of kidney tolerance of the water-soluble roentgen contrast medium iopamidol] Hartmann HG, et al. **Radiologe** 1984 Sep;24(9):442–5 (Eng. Abstr.) **(Ger)**

[Urinary enzymes in the non–invasive diagnosis of kidney epithelial lesions in acute kidney failure] Kotanko P, et al. **Wien Klin Wochenschr** 1984 Aug 31;96(16):625–9 (Eng. Abstr.) **(Ger)**

[Urinary enzyme excretion in cephalothin therapy in adults and children] Balogh A, et al. **Z Urol Nephrol** 1984 Jul; 77(7):425–35 (Eng. Abstr.) **(Ger)**

[Urinary enzyme excretion in cephalothin therapy in pregnancy] Balogh A, et al. **Zentralbl Gynakol** 1985; 107(2):90–7 (Eng. Abstr.) **(Ger)**

[Partial and multiple correlations between 4 types of enzymuria in 2 groups of chronic nephropathic patients] Laterza G, et al. **Minerva Med** 1985 Jan 28;76(3–4):99–104 (Eng. Abstr.) **(Ita)**

[Behavior of 4 urinary enzymes in healthy subjects in relation to age, sex, body weight and height] Laterza G, et al. **Minerva Med** 1984 Dec 15;75(47–48):2829–31 (Eng. Abstr.) **(Ita)**

[Enzymatic diagnosis of kidney lesions in pulmonary tuberculosis patients] Kazakov KS, et al. **Probl Tuberk** 1965;(4):57–60 (Eng. Abstr.) **(Rus)**

ENZYMES, IMMOBILIZED

Immobilization of enzymes: an approach to fundamental studies in biochemistry. Martinek K, et al. **Adv Enzymol** 1985;57:179–249 (371 ref.)

Preparation of (–)-5,6,7,8–tetrahydrofolate using immobilized dihydrofolate reductase. Ahmed F, et al. **Anal Biochem** 1984 Aug 15;141(1):149–54

Properties and applications of immobilized snake venom NAD glycohydrolase. Anderson BM, et al. **Anal Biochem** 1984 Jul;140(1):250–5

Nylon shavings enzyme reactor for batch determination of urea. Begum KD, et al. **Anal Biochem** 1984 Oct;142(1):1–6

Acetylcholine measurement by high–performance liquid chromatography using an enzyme–loaded postcolumn reactor. Eva C, et al. **Anal Biochem** 1984 Dec;143(2):320–4

Enzyme–based fiber optic sensor. Arnold MA. **Anal Chem** 1985 Feb;57(2):565–6

Electron spectroscopic (ESCA) studies of platinum surfaces used for enzyme electrodes. Proctor A, et al **Anal Chem** 1985 Jul;57(8):1644–9

Enzyme engineering 7. **Ann NY Acad Sci** 1984;434:1–596

A simple inulin assay for renal clearance determination using an immobilized beta–fructofuranosidase. Day DF, et al. **Ann NY Acad Sci** 1984;434:504–7

Evidence for alpha–ketoglutarate dehydrogenase monomer activity with the aid of enzyme immobilization. Gomazkova VS, et al. **Biochem Int** 1985 Jun;10(6):917–25

Immobilized enzymes in organic synthesis. Mosbach K. **Ciba Found Symp** 1985;111:57–70

Continuous–flow analysis for glucose with use of glucose dehydrogenase immobilized in glass tubes. Bissé E, et al. **Clin Chem** 1985 Jan;31(1):137–9

An L–lactate sensor with immobilized enzyme for use in in vivo studies with an endocrine artificial pancreas. Mascini M, et al. **Clin Chem** 1985 Mar;31(3):451–3

Enzymes in polyelectrolyte complexes. The effect of phase transition on thermal stability. Margolin AL, et al. **Eur J Biochem** 1985 Feb 1;146(3):625–32

Compositional analysis of proteins following hydrolysis by immobilized proteases. Church FC, et al. **J Appl Biochem** 1984 Aug;6(4):205–11

Continuous ATP regeneration process with stable acetate kinase. Nakajima H, et al. **J Appl Biochem** 1984 Feb–Apr; 6(1–2):19–28

Enzymes adsorbed on an ion exchanger as a post–column reactor: application to acetylcholine measurement. Meek JL, et al. **J Chromatogr** 1984 Dec 28;317:343–7

Use of immobilized enzyme coupled with an electrochemical sensor for the detection of organophosphates and carbamates pesticides. Durand P, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4–5):51–7

[Application of immobilized enzymes to clinical analysis] Murachi T. **Iyodenshi To Seitai Kogaku** 1984 Aug; 22(4):251–4 (11 ref.) **(Jpn)**

[Enzyme–tip sensor] Karube I. **Tanpakushitsu Kakusan Koso** 1985 Apr;30(4):277–84 (22 ref.) **(Jpn)**

[Principles of enzyme electrodes] Kawashima T. **Tanpakushitsu Kakusan Koso** 1985 Apr;30(4):247–63 (43 ref.) **(Jpn)**

[The enzyme thermistor] Mosbach K, et al. **Tanpakushitsu Kakusan Koso** 1985 Apr;30(4):285–98 (36 ref.) **(Jpn)**

[Development and applications of enzyme electrode sensors] Osawa H. **Tanpakushitsu Kakusan Koso** 1985 Apr; 30(4):264–76 (27 ref.) **(Jpn)**

[Catalysis by enzymes entrapped into reversed micelles of surfactants in organic solvents. Peroxidase in the aerosol OT–water–octane system] Kliachko NL, et al. **Mol Biol (Mosk)** 1984 Jul–Aug;18(4):1019–31 (Eng. Abstr.) **(Rus)**

[Activity and stability of glucoamylase preparations in different methods of immobilization] Ivanova LA, et al. **Ukr Biokhim Zh** 1985 Jan–Feb;57(1):31–6 (Eng. Abstr.) **(Rus)**

[Relation between the optimum pH of protein immobilization and its isoelectric points] Liubinskii GV. **Ukr Biokhim Zh** 1984 Jul–Aug;56(4):390–4 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

[Substantiation of using magnet–directed localization of drugs for the treatment of thrombosis] Rusetskii AN, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1985;8(1):100–5 (Eng. Abstr.) **(Rus)**

[Immobilized enzymes in surgical practice] Chepcheruk GS, et al. **Vestn Khir** 1985 Mar;134(3):126–30 **(Rus)**

ANALYSIS

A rapid–filtration technique for membrane fragments or immobilized enzymes: measurements of substrate binding or ion fluxes with a few–millisecond time resolution. Dupont Y. **Anal Biochem** 1984 Nov 1;142(2):504–10

Sequential determination of glutamate–oxalacetate transaminase and glutamate–pyruvate transaminase activities in serum using an immobilized bienzyme–poly(vinyl chloride) membrane electrode. Kihara K, et al. **Anal Chem** 1984 Sep;56(11):1876–80

Preparation and characterization of thionyl chloride–activated succinamidopropyl–glass as a covalent immobilization matrix. DuVal G, et al. **J Appl Biochem** 1984 Aug;6(4):240–50

ANTAGONISTS & INHIBITORS

Kinetic and EPR spectroscopy studies of immobilized chymotrypsin deactivation. Clark DS, et al. **Ann NY Acad Sci** 1984;434:31–8

Series–type enzyme deactivation kinetics: influence of immobilization, chemical modifiers, and enzyme aging. Henley JP, et al. **Ann NY Acad Sci** 1984;434:64–9

DIAGNOSTIC USE

A protein molecule as a bioanalytical device. Chemomechanical protein sensors. Morozov VN, et al. **FEBS Lett** 1984 Oct 1;175(2):299–302

ISOLATION & PURIFICATION

Specific immobilization of an enzyme by monoclonal antibody: immobilization of guinea pig liver transglutaminase. Ikura K, et al. **J Appl Biochem** 1984 Aug; 6(4):222–31

Preparation of immobilized NAD glycohydrolase from Neurospora crassa conidia by hydrophobic interaction––characteristics of the enzyme derivative. Pace M, et al. **Prep Biochem** 1984;14(4):349–62

[Isolation and characteristics of immobilized preparations of prostaglandin synthetase] Mevkh AT, et al. **Biokhimiia** 1985 Jun;50(6):974–9 (Eng. Abstr.) **(Rus)**

[Production and properties of an immobilized enzyme preparation with peptidase activity] Deniakina EK, et al. **Prikl Biokhim Mikrobiol** 1985 Mar–Apr;21(2):177–83 (Eng. Abstr.) **(Rus)**

[Production of immobilized SalI and PvuII restrictase preparations] Bakh NL, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):32–4 (Eng. Abstr.) **(Rus)**

METABOLISM

Continuous–flow assay for urinary oxalate using immobilised oxalate oxidase. Kasidas GP, et al. **Ann Clin Biochem** 1985 Jul;22 (Pt 4):412–9

Continuous regeneration of ATP for enzymatic syntheses. Berke W, et al. **Ann NY Acad Sci** 1984;434:257–8

Immobilization of NAD kinase. Ji XS, et al. **Ann NY Acad Sci** 1984;434:264–6

Enzymatic hydrolysis of lactose in a hollow–fiber reactor. Jones CK, et al. **Ann NY Acad Sci** 1984;434:119–22

New synthetic carriers for enzymes. Mauz O, et al. **Ann NY Acad Sci** 1984;434:251–3

Study and use of spontaneous cofactor regeneration in an immobilized enzyme–coenzyme system. Minard P, et al. **Ann NY Acad Sci** 1984;434:259–63

New immobilization techniques and examples of their applications. Mosbach K. **Ann NY Acad Sci** 1984; 434:239–48

Chromophoric sulfonyl chloride agarose for immobilizing bioligands. Scouten WH, et al. **Ann NY Acad Sci** 1984; 434:249–50

Immobilized thrombolytic enzymes possessing increased affinity toward substrate. Torchilin VP, et al. **Ann NY Acad Sci** 1984;434:289–91

Rotating ring–disc electrode: its use in studying mass transport resistances through immobilized enzyme support matrices. Wingard LB Jr, et al. **Ann NY Acad Sci** 1984; 434:224–31

Characterization and comparison of soluble and immobilized pig muscle aldolases. Abrahám M, et al. **Appl Biochem Biotechnol** 1985 Apr;11(2):91–100

Immobilized E. coli alkaline phosphatase. Its properties, stability, and utility in studying the dephosphorylation of proteins. Basheeruddin K, et al. **Appl Biochem Biotechnol** 1985 Apr;11(2):133–40

A novel polyacrylamide–type support prepared by p–benzoquinone activation. Kálmán M, et al. **Appl Biochem Biotechnol** 1983 Dec;8(6):515–22

Activation and oligomerization of immobilized biodegradative L–threonine dehydrase. LeBlond DJ, et al. **Arch Biochem Biophys** 1985 Jun;239(2):420–6

Immobilized glyceraldehyde–3–phosphate dehydrogenase forms a complex with phosphoglycerate kinase. Ashmarina LI, et al. **Biochem Int** 1984 Oct;9(4):511–21

Some kinetic characteristics of immobilized protomers and native dimers of mitochondrial malate dehydrogenase: an examination of the enzyme mechanism. DuVal G, et al. **Biochemistry** 1985 Apr 9;24(8):2067–72

Mathematical modeling of immobilized enzyme systems. Kernevez JP, et al. **Biomed Biochim Acta** 1985; 44(6):993–1003

Topological analysis of wall mass transport using a luminescent immobilized enzymatic system. Nakache M, et al. **Biophys J** 1984 Sep;46(3):357–69

Predominant transesterification reaction catalyzed by immobilized trypsin. Tanizawa K, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4514–7

Modification of plant proteins by immobilized proteases. Lee JW, et al. **CRC Crit Rev Food Sci Nutr** 1984;21(4):289–322 (312 ref.)

Use of coimmobilized multienzyme systems as models for in vivo processes. DeLuca M. **Curr Top Cell Regul** 1984; 24:189–96

Immobilization of alpha–chymotrypsin on sucrose stearate––palmitate containing liposomes. Bogdanov AA, et al. **FEBS Lett** 1984 Sep 17;175(1):178–82

Targeting of enzyme immobilized on erythrocyte membrane to collagen–coated surface. Muzykantov VR, et al. **FEBS Lett** 1985 Mar 11;182(1):62–6

Behavior of enzyme activity in immobilized proteases. Kumakura M, et al. **Int J Biochem** 1984;16(11):1159–61

New method for covalent immobilization of proteins to cellulose and cellulose derivatives. Krysteva MA, et al. **J Appl Biochem** 1984 Oct–Dec;6(5–6):367–73

Enzyme therapy: II. Effect of covalent attachment of polyethylene glycol on biochemical parameters and immunological determinants of beta–glucosidase and alpha–galactosidase. Wieder KJ, et al. **J Appl Biochem** 1983 Aug–Oct;5(4–5):337–47

Activation of immobilized plasminogen by tissue activator. Multimolecular complex formation. Silverstein RL, et al. **J Biol Chem** 1985 Aug 25;260(18):10346–52

[Isolation of protein hydrolysates by using immobilized bacterial peptide hydrolases] Nekliudov AD, et al. **Antibiot Med Biotekhnol** 1985 Apr;30(4):243–9 (Eng. Abstr.) **(Rus)**

[Modification by azocombination of the catalytic properties of ribonucleases.] Kalacheva NV, et al. **Biokhimiia** 1985 Mar;50(3):406–11 (Eng. Abstr.) **(Rus)**

[Immobilized cytochrome c––an effective ligand for affinity chromatography of electron transport proteins] Shkumatov VM, et al. **Bioorg Khim** 1983 Sep;9(9):1237–47 (Eng. Abstr.) **(Rus)**

[Immobilization of microsomal fraction in the rat liver] Davidenko TI, et al. **Dokl Akad Nauk SSSR** 1984 Sep–Oct; 278(1):233–6 **(Rus)**

[Enhanced selectivity of the activity of proteolytic enzymes covalently immobilized in a matrix of polymer hydrogels] Platé NA, et al. **Dokl Akad Nauk SSSR** 1985;282(4):1010–3 **(Rus)**

[Study of the sorption immobilization of coenzyme–dependent oxidoreductases and their functions in electro–enzymatic processes and biological membranes] Shapovalov IuA, et al. **Mol Biol (Mosk)** 1985 May–Jun; 19(3):662–70 (Eng. Abstr.) **(Rus)**

[Immobilization of proteolytic complexes on pectin–containing carriers] Manaev BM, et al. **Prikl Biokhim Mikrobiol** 1985 Jan–Feb;21(1):58–62 (Eng. Abstr.) **(Rus)**

[Various properties of galactose oxidase from Fusarium graminearum IMV–F–1060 immobilized on aminoorganosilochromes] Kondakova LV, et al. **Ukr Biokhim Zh** 1984 Jul–Aug;56(4):394–8 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Biodegradable microspheres. I. Duration of action of dextranase entrapped in polyacrylstarch microparticles in vivo. Artursson P, et al. **J Pharmacol Exp Ther** 1984 Dec; 231(3):705–12

RADIATION EFFECTS

[Effect of gamma irradiation on immobilized trypsin] Ryl'tsev VV, et al. **Prikl Biokhim Mikrobiol** 1984 Sep–Oct; 20(5):694–8 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

Phenylalanine ammonia–lyase immobilized in semipermeable microcapsules for enzyme replacement in phenylketonuria. Bourget L, et al. **FEBS Lett** 1985 Jan 21;180(1):5–8

[Role of thermography in assessing the therapeutic action of immobilized proteolytic enzymes on suppurative wound healing] Gostishchev VK, et al. **Klin Khir** 1985 Jan;(1):11–2 (Eng. Abstr.) (Rus)

[Experience in treating intraocular hemorrhage using immobilized streptokinase] Romashchenko AD, et al. **Oftalmol Zh** 1985;(3):148–51 (Eng. Abstr.) (Rus)

[Use of the immobilized proteolytic enzyme profezim in the combined treatment of periodontal diseases] Belikov PP, et al. **Stomatologiia (Mosk)** 1985 Mar–Apr;64(2):17–8 (Eng. Abstr.) (Rus)

[Use of streptodecase in treating myocardial infarct patients] Gvatua NA, et al. **Vrach Delo** 1984 Oct;(10):48–51 (Eng. Abstr.) (Rus)

EOG see ELECTROOCULOGRAPHY

EOSIN

Hematoxylin–and–eosin staining of fine needle aspirate smears [letter] Gubin D. **Acta Cytol (Baltimore)** 1985 Jul–Aug;29(4):648–50

Stability of azure B–eosin Y staining solutions. Bins M, et al. **Br J Haematol** 1985 Jan;59(1):73–8

ANALOGS & DERIVATIVES

Selective labeling of beef heart cytochrome oxidase subunit III with eosin–5–maleimide. Müller M, et al. **FEBS Lett** 1985 May 6;184(1):110–4

Adenine nucleotide and phosphate transport systems of mitochondria. Relative location of sulfhydryl groups based on the use of the novel fluorescent probe eosin–5–maleimide. Houštěk J, et al. **J Biol Chem** 1985 May 25;260(10):6288–95

Microsecond rotational motions of eosin–labeled myosin measured by time–resolved anisotropy of absorption and phosphorescence. Eads TM, et al. **J Mol Biol** 1984 Oct 15;179(1):55–81

DIAGNOSTIC USE

Echinococcus granulosus: failure of the eosin–exclusion test to demonstrate death of protoscoleces. Robinson RD, et al. **Ann Trop Med Parasitol** 1985 Feb;79(1):117

Reliability of Dill-Glazko test [letter] Rombo L, et al. **Lancet** 1985 Jun 29;1(8444):1509

Staining large epoxy resin embedded histologic sections by a simplified hematoxylin and eosin method using heat. Smith NA, et al. **Stain Technol** 1985 Jan;60(1):59–61

[Significance of the eosin test in the evaluation of the vitality of spermatozoa] Fontana D, et al. **Minerva Urol Nefrol** 1984 Apr–Jun;36(2):127–9 (Eng. Abstr.) (Ita)

METABOLISM

[Reduction of ferricytochrome P–450 with eosin photoradicals] Ledenev AN, et al. **Biofizika** 1984 Sep–Oct; 29(5):730–2 (Eng. Abstr.) (Rus)

EOSINE YELLOWISH see EOSIN

EOSINOPHILIA

Eosinophilic colitis. Naylor AR, et al. **Dis Colon Rectum** 1985 Aug;28(8):615–8

Relation between eosinophilia and endomyocardial disease. Olsen EG, et al. **Prog Cardiovasc Dis** 1985 Jan–Feb; 27(4):241–54 (82 ref.)

[Idiopathic hypereosinophilic syndrome: diagnosis and therapy] Grieco A, et al. **Clin Ter** 1984 Dec 15;111(5):451–5 (Eng. Abstr.) (Ita)

BLOOD

Normal plasma levels of B12 binding proteins in hypereosinophilic syndrome and secondary hypereosinophilia [letter] Ghosh K, et al. **Blood** 1985 Feb; 65(2):510–1

Effect of eosinophilia on the heterogeneity of the anticoagulant response to heparin in haemodialysis patients. Santoro A, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:143–9

[Blood hypereosinophilia with eosinophilic polyserositis and retroperitoneal fibrosis (letter)] Hilpert G, et al. **Ann Med Interne (Paris)** 1985;136(4):352 (Fre)

[Hypereosinophilic syndrome: a new case of myeloproliferative type] Maréchaud R, et al. **Rev Med Interne** 1985 Mar;6(2):155–7 (Fre)

[Changes in eosinophil ultrastructure in Löffler's cardiomyopathy] Stachura J, et al. **Patol Pol** 1984 Oct–Dec; 35(4):523–6 (Eng. Abstr.) (Pol)

CEREBROSPINAL FLUID

Eosinophilic meningitis and the hypereosinophilic syndrome. Case report and review of the literature. Weingarten JS, et al. **Am J Med** 1985 Apr;78(4):674–6

Eosinophilic cerebrospinal fluid pleocytosis and cryptococcal meningitis [letter] Anderson P, et al. **Ann Intern Med** 1985 Aug;103(2):306–7

CHEMICALLY INDUCED

Pulmonary infiltrates and eosinophilia associated with naproxen [letter] Sheehan NJ. **Br J Rheumatol** 1985 Aug; 24(3):302–3

Myeloproliferative disorder with profound hypereosinophilia associated with chemotherapy for breast cancer. Soffer T, et al. **Cancer** 1984 Dec 1;54(11):2356–9

Cimetidine–induced eosinophilia. Tishler M, et al. **Drug Intell Clin Pharm** 1985 May;19(5):377–8

Porokeratosis of Mibelli: benzylhydrochlorothiazide–induced new lesions accompanied by eosinophilic spongiosis. Inamoto N, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 2):357–61

Eosinophilia in rheumatoid patients treated with D–penicillamine. Edelman J, et al. **J Rheumatol** 1984 Oct; 11(5):624–5

Eosinophilic meningitis [letter] von Reyn CF. **Neurology (NY)** 1984 Oct;34(10):1396–7

Induction of a marked eosinophilia by cyclophosphamide in Toxocara canis infected SJL mice. Sugane K, et al. **Parasite Immunol** 1985 May;7(3):255–63

CLASSIFICATION

[Hypereosinophilia of the blood. II. Classification. Benign essential hypereosinophilia. Eosinophilia caused by systemic eosinophilic hemopathies] Lovisetto P, et al. **Minerva Med** 1985 May 31;76(22–23):1049–53 (Eng. Abstr.) (Ita)

COMPLICATIONS

Blood eosinophilia in bronchial asthma and its relationship to IgE–mediated reactions. Tanizaki Y, et al. **Acta Med Okayama** 1984 Dec;38(6):525–31

Are eosinophils the cause of endomyocardial fibrosis in the tropics? Falase AO. **Afr J Med Med Sci** 1985 Mar–Jun; 14(1–2):1–2

Acute myelomonocytic leukemia (M–4 subtype) with abnormal marrow eosinophilia and a normal chromosome 16. Stark EW, et al. **Am J Clin Pathol** 1985 Oct;84(4):551–4

Eosinophilic cholangitis, lymphadenopathy, and peripheral eosinophilia: a case report. Butler TW, et al. **Am J Gastroenterol** 1985 Jul;80(7):572–4

Neurologic dysfunction in the idiopathic hypereosinophilic syndrome. Moore PM, et al. **Ann Intern Med** 1985 Jan; 102(1):109–14

Facial edema and eosinophilia. Evidence for eosinophil degranulation. Songsiridej V, et al. **Ann Intern Med** 1985 Oct;103(4):503–6

Eosinophilic pustular folliculitis (Ofuji's disease) with response to dapsone therapy. Steffen C. **Arch Dermatol** 1985 Jul;121(7):921–3

Eosinophilic pustular folliculitis. Report of two cases with a review of the Japanese literature. Takematsu H, et al. **Arch Dermatol** 1985 Jul;121(7):917–20

PUVA therapy in the treatment of skin lesions of the hypereosinophilic syndrome [letter] van den Hoogenband HM, et al. **Arch Dermatol** 1985 Apr;121(4):450

Hepatic vein obstruction in idiopathic hypereosinophilic syndrome. Elouaer-Blanc L, et al. **Arch Intern Med** 1985 Apr;145(4):751–3

Thromboangiitis obliterans associated with idiopathic hypereosinophilia. Ferguson GT, et al. **Arch Intern Med** 1985 Sep;145(9):1726–8

Eosinophilic fasciitis, reactive hepatitis, and splenomegaly. Jacobs MB. **Arch Intern Med** 1985 Jan;145(1):162–3

Acquired platelet dysfunction with eosinophilia. Muthiah MM, et al. **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1044

Eosinophilic fasciitis: extracutaneous manifestations and associations. Doyle JA. **Cutis** 1984 Sep;34(3):259–61 (46 ref.)

Erythema annulare centrifugum as the presenting sign of the hypereosinophilic syndrome: observations on therapy. Shelley WB, et al. **Cutis** 1985 Jan;35(1):53–5

Benign course of endomyocardial fibrosis as a late complication of hypereosinophilic syndrome. Volpi A, et al. **G Ital Cardiol** 1985 Feb;15(2):238–40

Loffler's eosinophilic endomyocardial disease. Pandit SP, et al. **J Assoc Physicians India** 1984 Oct;32(10):922–4

Hypereosinophilic syndrome. Masuda T, et al. **J Dermatol (Tokyo)** 1984 Apr;11(2):175–9

Multifocal neuropathy with vasculitis in hypereosinophilic syndrome. An entity or drug–induced effect? Grisold W, et al. **J Neurol** 1985;231(6):301–6

Idiopathic eosinophilic myositis with preexisting fibromyalgia. Yonker RA, et al. **J Rheumatol** 1985 Feb; 12(1):165–7

Mitral valve replacement in idiopathic hypereosinophilic syndrome. Blake DP, et al. **J Thorac Cardiovasc Surg** 1985 Apr;89(4):630–2

Factitious hypoglycemia associated with eosinophilic leukemoid reaction. Lefor AT, et al. **NY State J Med** 1985 Jan;85(1):34–5

Hypereosinophilic syndrome presenting as peripheral neuropathy. Bell D, et al. **Postgrad Med J** 1985 May; 61(715):429–32

Endomyocardial complications of the Churg-Strauss syndrome. Lanham JG, et al. **Postgrad Med J** 1985 Apr; 61(714):341–4

An overlap of diffuse fasciitis with eosinophilia and scleroderma. Drosos AA, et al. **Rheumatol Int** 1984; 4(4):187–9

Episodic angioedema associated with eosinophilia. Gleich GJ, et al. **Trans Assoc Am Physicians** 1984;97:25–32

Ureteral involvement complicating eosinophilic cystitis. Mitas JA 2d, et al. **Urology** 1985 Jul;26(1):67–70

[Essential hypereosinophilic syndrome disclosed by leg ulcer] Claudy AL, et al. **Ann Dermatol Venereol** 1984;111(9):823–6 (Fre)

[Fatal eosinophilic meningitis and bronchogenic carcinoma] Dellagi K, et al. **Ann Pathol** 1984 Dec;4(5):391–2 (Eng. Abstr.) (Fre)

[Severe combined immune deficiency with hypereosinophilia. Immunologic study of 5 cases] Le Deist F, et al. **Arch Fr Pediatr** 1985 Jan;42(1):11–6 (Eng. Abstr.) (Fre)

[Biventricular thrombosis in nephrotic syndrome with hypercoagulability and hypereosinophilia] Danchin N, et al. **Arch Mal Coeur** 1985 Feb;78(2):271–4 (Eng. Abstr.) (Fre)

[Icterus disclosing pancreatic involvement in idiopathic hypereosinophilic syndrome] Eugène C, et al. **Gastroenterol Clin Biol** 1984 Dec;8(12):966–9 (Eng. Abstr.) (Fre)

[A new case of eosinophilic fasciitis with bone marrow aplasia. Cure by high doses of corticoids (letter)] Quilichini R, et al. **Presse Med** 1985 Feb 16;14(7):427 (Fre)

[Localized myositis with eosinophilia] Serratrice G, et al. **Presse Med** 1985 Mar 2;14(9):533–5 (Eng. Abstr.) (Fre)

[A new case of eosinophilic fasciitis complicated by bone marrow aplasia] Cayla J, et al. **Rev Rhum Mal Osteoartic** 1985 Apr;52(4):263–5 (Fre)

[Asthma, eosinophilia and systemic vasculitis: Churg–Strauss syndrome] Böhm M, et al. **Dtsch Med Wochenschr** 1985 Feb 8;110(6):221–4 (Eng. Abstr.) (Ger)

[Bronchial asthma, eosinophilia and lung infiltrates (Churg–Strauss syndrome)] Bohn T, et al. **Schweiz Med Wochenschr** 1985 May 4;115(18):629–31 (Eng. Abstr.) (Ger)

[Neurological disturbances in idiopathic hypereosinophilic syndrome] Kessler A, et al. **Harefuah** 1984 Jul;107(1–2):8–9 (Eng. Abstr.) (Heb)

[Simultaneous incidence of bronchial asthma and polyarteritis nodosa (Wilson–Alexander syndrome)] Berkessy S, et al. **Orv Hetil** 1985 Aug 11;126(32):1981–3 (Eng. Abstr.) (Hun)

[Eosinophilia and hepatocellular carcinoma associated with von Recklinghausen's disease] Komai K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Dec;81(12):3019–22 (Jpn)

[A case of monosomy–7 myeloproliferative disorder with marked eosinophilia] Oshima Y, et al. **Rinsho Ketsueki** 1984 Sep;25(9):1433–6 (Eng. Abstr.) (Jpn)

DIAGNOSIS

Diagnostic utility of pleural fluid eosinophilia [letter] **Am J Med** 1985 May;78(5):A59, A70

Diagnostic utility of pleural fluid eosinophilia. Adelman M, et al. **Am J Med** 1984 Nov;77(5):915–20

Eosinophilia, mental status changes, and renal failure in a 55–year–old woman [clinical conference] Weber RW, et al. **Ann Allergy** 1985 Mar;54(3):175–6,216–21

The hypereosinophilic syndrome. Purdie GH, et al. **Clin Exp Neurol** 1983;19:60–6

Infantile acropustulosis [letter] Lucky AW, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):894

Clinical and serologic expression of localized scleroderma. Case report and review of the literature. Piette WW, et al. **J Am Acad Dermatol** 1985 Aug;13(2 Pt 2):342–50

Diffuse fasciitis with hypergammaglobulinemia and eosinophilia: a new syndrome? Shulman LE. **J Rheumatol** 1984 Oct;11(5):569–70

Eosinophilic fasciitis in an African—possible benefit of chloroquine treatment. Allen SC. **Postgrad Med J** 1984 Oct; 60(708):685–6

Hypereosinophilic syndrome: a review. Schwartz LB. **Va Med** 1984 Jun;111(6):350–5 (34 ref.)

[The hypereosinophilic syndrome] Berild D, et al. **Ugeskr Laeger** 1984 Aug 13;146(33):2473–7 (Eng. Abstr.) (Dan)

[Eosinophilic fasciitis. A review and a characteristic case report] Skov BG. **Ugeskr Laeger** 1985 May 20; 147(21):1671–6 (Eng. Abstr.) (Dan)

[Eosinophilic cystitis. 2 cases] Chantepie G, et al. **Chirurgie** 1985;111(1):43–6 (Eng. Abstr.) (Fre)

[Hypereosinophilic syndrome with ocular involvement] Binaghi M, et al. **J Fr Ophtalmol** 1985;8(4):309–14 (Eng. Abstr.) (Fre)

[Localized eosinophilic myositis (letter)] Massonnat R, et al. **Presse Med** 1985 Jul 6;14(27):1476–7 (Fre)

[Eosinophilic fasciitis. 1. Clinical study] Hamm G, et al. **Dermatol Monatsschr** 1984;170(12):753–7 (Eng. Abstr.) (Ger)

[Hypereosinophilic syndrome] Gelber M, et al. **Harefuah**

1985 Feb 15;108(4):205-8 (Heb)

[Eosinophilic cystitis: a report of 2 cases] Hirano S, et al. **Hinyokika Kiyo** 1983 Oct;29(10):1329-37 (Eng. Abstr.) (Jpn)

[A case of hypereosinophilic endomyocarditis with a benign clinical course: a case report and review of 25 cases with the syndrome in Japan] Ishide T, et al. **Kokyu To Junkan** 1985 Mar;33(3):473-7 (Eng. Abstr.) (Jpn)

[Hypereosinophilia syndrome or eosinophilic leukemia?] Przybylowski J, et al. **Pol Arch Med Wewn** 1985 Feb; 73(2):123-7 (Eng. Abstr.) (Pol)

[The hypereosinophilia syndrome] Przybylowski J, et al. **Pol Tyg Lek** 1984 Jun 11;39(24):837-40 (22 ref.) (Pol)

[Case of eosinophilic fasciitis] Shul'tsev GP, et al. **Klin Med (Mosk)** 1984 Sep;62(9):125 (Rus)

[Value of eosinophilia in blood and nasal exudate in the diagnosis of different types of rhinitis] Losada Cosmes E, et al. **Allergol Immunopathol (Madr)** 1984 Jul-Aug; 12(4):283-8 (Eng. Abstr.) (Spa)

DRUG THERAPY

A dermatitis-eosinophilia syndrome. Treatment with methylprednisolone pulse therapy. Dahl MV, et al. **Arch Dermatol** 1984 Dec;120(12):1595-7

[Long-term development of eosinophilic fasciitis. Study of 11 cases] Herson S, et al. **Ann Med Interne (Paris)** 1984; 135(8):611-4 (Eng. Abstr.) (Fre)

[Eosinophilic fasciitis: case reports and review] Tomosugi N, et al. **Nippon Naika Gakkai Zasshi** 1984 Dec; 73(12):1823-30 (Jpn)

ENZYMOLOGY

[Hypereosinophilias of the blood. I. Eosinophilic granulocytes] Lovisetto P, et al. **Minerva Med** 1985 May 19;76(21):975-83 (Eng. Abstr.) (Ita)

ETIOLOGY

Eosinophilia in chronic dialysis patients. Prata MM, et al. **Acta Med Port** 1984 Jul-Aug;5(7-8):209-10

Eosinophilic food-induced cystitis. Sánchez Palacios A, et al. **Allergol Immunopathol (Madr)** 1984 Nov-Dec; 12(6):463-9

Eosinophilic fasciitis: a distinct entity? [letter] Yarom A, et al. **Am J Dis Child** 1985 Jan;139(1):8-9

Blood eosinophilia in patients undergoing maintenance peritoneal dialysis. Chandran PK, et al. **Arch Intern Med** 1985 Jan;145(1):114-6

Toxic oil syndrome, scleroderma, and eosinophilic fasciitis [letter] Posada de la Paz M, et al. **Arthritis Rheum** 1984 Oct;27(10):1200

Pleural fluid eosinophilia in association with trauma. Darbyshire PG, et al. **Br J Clin Pract** 1984 Sep;38(9):326

Eosinophilic cystitis: pleomorphic manifestations. Okafo BA, et al. **Can J Surg** 1985 Jan;28(1):17-8

Large cell carcinoma of the lung associated with marked eosinophilia. A case report. Kodama T, et al. **Cancer** 1984 Nov 15;54(10):2313-7

Histiocytoid hemangioma of the heart with peripheral eosinophilia. Kuo TT, et al. **Cancer** 1985 Jun 15; 55(12):2854-61

Sjögren's syndrome presenting with hypereosinophilia, lymphopenia and circulating immune complexes. Farnam J, et al. **Clin Exp Rheumatol** 1984 Jan-Mar;2(1):41-6

Hypereosinophilic syndrome preceding T cell lymphoblastic lymphoma. Keidan AJ, et al. **Clin Lab Haematol** 1985; 7(1):83-8

Inhibition by cyclosporin A of IgE production and cyclophosphamide-induced eosinophilia in rats immunized with non-parasite antigens. Thomson AW, et al. **Immunol Lett** 1985;9(2-3):93-7

Regulation of eosinophilia in rats infected with Nippostrongylus brasiliensis. I. Eosinophil chemotactic factor produced spontaneously by mesenteric lymph node cells of infected rats. Nawa Y, et al. **Int Arch Allergy Appl Immunol** 1984;75(3):264-9

Pan-mandibular keratocyst with eosinophilia. Gupta DS, et al. **Int J Oral Surg** 1985 Jun;14(3):311-3

Hodgkin's lymphoma presenting as hypereosinophilia syndrome. Singh RP, et al. **J Assoc Physicians India** 1984 Jun;32(6):528-9

Tumor-associated peripheral eosinophilia: two unusual cases. Reddy SS, et al. **J Clin Oncol** 1984 Oct;2(10):1165-9

Evaluation of the common conditions associated with eosinophilia. Teo CG, et al. **J Clin Pathol** 1985 Mar; 38(3):305-8

Fatal eosinophilic meningoencephalitis and visceral larva migrans caused by the raccoon ascarid Baylisascaris procyonis. Fox AS, et al. **N Engl J Med** 1985 Jun 20; 312(25):1619-23

A case of chronic myelocytic leukemia in myeloblastic crisis with eosinophilia after splenic irradiation. Mimura K, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):55-63

Tissue eosinophilia and Leishmania mexicana mexicana eosinophil interactions in murine cutaneous leishmaniasis. Grimaldi G Jr, et al. **Parasite Immunol** 1984 Sep; 6(5):397-406

Eosinophilia, mast cell hyperplasia and antibody production in rats following an intraperitoneal injection of Ascaris cuticle including in-vitro studies of immune eosinophil granule lysis. Archer GT, et al. **Pathology** 1985 Jan; 17(1):101-7

Case 4. The first fatal Baylisascaris infection in humans: an infant with eosinophilic meningoencephalitis. Huff DS, et al. **Pediatr Pathol** 1984;2(3):345-52

Eosinophilic pleural effusion: a review of 36 cases. Wysenbeek AJ, et al. **Respiration** 1985;48(1):73-6

[Eosinophilic cellulitis] Zachary CB, et al. **Ann Dermatol Venereol** 1984;111(8):777-8 (Fre)

[A case of hypereosinophilia originating in Africa] **Ann Soc Belg Med Trop** 1985 Jun;65(2):211-22 (Fre)

[Leukemoid eosinophilic reaction in angioimmunoblastic adenopathy] Gardais J, et al. **Rev Med Interne** 1984 Nov; 5(4):309-14 (Eng. Abstr.) (Fre)

[Diagnosis of blood hypereosinophilia of parasitic origin. I. Generalities--nematode infections] Ben Rachid MS, et al. **Tunis Med** 1983 Jul-Aug;61(4):251-7 (Eng. Abstr.) (Fre)

[Hypereosinophilia and systemic vasculitis: considerations on 2 clinical cases] Casirola G, et al. **G Clin Med** 1984 Nov-Dec;65(11-12):489-500 (Eng. Abstr.) (Ita)

[Histopathology of reflux esophagitis at an early phase. Study and significance of intraepithelial eosinophilia] Andreoli F, et al. **Minerva Med** 1984 Sep 29;75(37):2173-7 (Eng. Abstr.) (Ita)

[Blood hypereosinophilias. III. Symptomatic hypereosinophilias: allergic, cutaneous, parasitic, infective, pulmonary and gastro- intestinal diseases] Lovisetto P, et al. **Minerva Med** 1985 Jun 8;76(24):1113-22 (Eng. Abstr.) (Ita)

[Blood hypereosinophilias. IV. Symptomatic hypereosinophilias: connective tissue diseases, neoplasms, blood diseases, various causes] Lovisetto P, et al. **Minerva Med** 1985 Jun 16;76(25):1181-98 (225 ref.) (Eng. Abstr.) (Ita)

[Studies on the allergic aspect of interstitial cystitis. (2) A case of interstitial cystitis associated with eosinophilia of the bladder wall probably due to tonsillar focal infection] Yamada T, et al. **Arerugi** 1985 Jan;34(1):47-51 (Eng. Abstr.) (Jpn)

[Hypereosinophilic leukemoid reaction in strongyloidiasis] Tikhomirova EP, et al. **Sov Med** 1984;(12):116-7 (Rus)

[Hypereosinophilic syndrome with an anomalous response to treatment with corticoids (letter)] Juan G, et al. **Sangre (Barc)** 1985;30(2):198-9 (Spa)

FAMILIAL & GENETIC

Chromosome 16q, eosinophilia, and leukemia [letter] Neri G, et al. **Cancer Genet Cytogenet** 1985 Jan 15;14(3-4):371-2

Inv(16) abnormality and eosinophilia in a patient with acute nonlymphocytic leukemia. Okada M, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):185-7

Activated eosinophils in familial eosinophilic gastroenteritis. Keshavarzian A, et al. **Gastroenterology** 1985 Apr; 88(4):1041-9

IMMUNOLOGY

Study of eosinophilia in relation to serum IgE level and cell mediated immunity (CMI) to soluble egg antigen (SEA) in human schistosomiasis mansoni. Khalil SH, et al. **Allerg Immunol (Leipz)** 1985;31(2):105-8

The regulation of tissue eosinophilia. III. In vitro production of eosinophil-directed chemotactic inhibitory factor by T lymphocytes of complete Freund's adjuvant-treated guinea-pigs. Tashiro K, et al. **Immunology** 1985 May; 55(1):115-24

Cytophilic IgE on human blood and tissue eosinophils. Capron M, et al. **Int Arch Allergy Appl Immunol** 1985; 77(1-2):246-8

Eosinophil membrane antigens: phenotypic frequencies in normal individuals and patients with the hypereosinophilic syndrome. Tai PC, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):249-51

Ofuji's disease: high circulating titers of IgG and IgM directed to basal cell cytoplasm. Nunzi E, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):268-73

Interrelationship of eosinophilia and IgE antibody production to larval ES antigen in Toxocara canis infected mice. Sugane K, et al. **Parasite Immunol** 1984 Sep;6(5):409-20

OCCURRENCE

Health status of Indochinese refugees in Japan: statistical analyses on anemia, eosinophilia and serum alkaline phosphatase. Yamaguchi N, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun; 15(2):209-16

PARASITOLOGY

Eosinophilia in Ascaris and Ancylostoma infections in Egyptian patients. Arafa MS, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):619-22

PATHOLOGY

Diffuse fasciitis with eosinophilia associated with morphea and lichen sclerosus et atrophicus. Mensing H, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):80-3

Spiral-shaped and spherical bodies within blood vessels in dermatosis eosinophilica. Kudejko J, et al. **Am J Dermatopathol** 1984 Oct;6(5):461-3

Exaggerated eosinophilia and acute lymphoid leukemia. Gaynon PS, et al. **Am J Pediatr Hematol Oncol** 1984 Fall; 6(3):334-7

Eosinophilic gastroenteritis with no peripheral eosinophilia. Kamal MF, et al. **Ann Chir Gynaecol** 1985;74(2):98-100

Eosinophilic cellulitis (Wells' syndrome) [letter] Horn MJ, et al. **Arch Dermatol** 1985 Jul;121(7):836

The hypereosinophilic syndrome presenting with eosinophilic mastitis. Thompson AB, et al. **Arch Intern Med** 1985 Mar; 145(3):564-5

Eosinophilic fasciitis in a two-year-old child. Silverman ED, et al. **Arthritis Rheum** 1985 Aug;28(8):948-51

Is hypereosinophilic syndrome a malignant disease? Goh KO, et al. **Cancer** 1985 May 15;55(10):2395-9

Eosinophilic fasciitis: a mast cell disorder? Gabrielli A, et al. **Clin Exp Rheumatol** 1983 Jan-Mar;1(1):75-80

Diffuse (eosinophilic) fasciitis. A series of six cases. De Jonge-Bok JM, et al. **Clin Rheumatol** 1984 Sep;3(3):365-73

Stromal and peripheral eosinophilia in cervical carcinoma. Young M, et al. **Eur J Gynaecol Oncol** 1985;6(2):94-7

Murine eosinophil granulocyte proliferation kinetics in acute and chronic eosinophilia. McGarry MP. **Exp Hematol** 1985 Aug;13(7):634-8

Eosinophilia in squamous cell carcinoma of the oral cavity, external genitalia and anus—clinical correlations. Lowe D, et al. **Histopathology** 1984 Jul;8(4):627-32

Eosinophilic cellulitis (Wells' syndrome): histologic and clinical features in arthropod bite reactions. Schorr WF, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1043-9

Eosinophilic ulcers of the tongue. Borroni G, et al. **J Cutan Pathol** 1984 Aug;11(4):322-5

Ultrastructural features of the endomyocardium in patients with eosinophilic heart disease. An endomyocardial biopsy study. Sekiguchi M, et al. **Jpn Circ J** 1984 Dec; 48(12):1375-82

Tissue and blood eosinophilia in mast cell-deficient Sl/Sld mice infected with Trichinella spiralis. Oku Y, et al. **Jpn J Vet Res** 1984 Jul;32(3):165-70

Eosinophilic ulcer of the oral mucosa. Sklavounou A, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):431-6

Eosinophilic pustular folliculitis in infancy. Lucky AW, et al. **Pediatr Dermatol** 1984 Jan;1(3):202-6

Ultrastructural aspects of nailfold capillaries in a case of eosinophilic fasciitis. Cinti S, et al. **Scand J Rheumatol** 1984; 13(4):357-62

Case report 320. Localized eosinophilic fibrohistiocytic lesion of bone (tibia)--a localized form of mastocytosis. Brinkley AB Jr, et al. **Skeletal Radiol** 1985;14(1):68-72

Eosinophilic cystitis. Peterson NE. **Urology** 1985 Aug; 26(2):167-9

[Eosinophilic fasciitis. 2. Clinical study] Hamm G, et al. **Dermatol Monatsschr** 1984;170(12):758-64 (Eng. Abstr.) (Ger)

[Churg-Strauss syndrome] Böhm M, et al. **Dtsch Med Wochenschr** 1985 Feb 8;110(6):227-31 (Ger)

[Pemphigus vegetans (Hallopeau) with eosinophilic spongiosis--successful retinoid therapy] Steiner A, et al. **Hautarzt** 1985 Jun;36(6):356-9 (Eng. Abstr.) (Ger)

[Fasciitis eosinophilica--transition to an unusual scleroderma (scleroderma-fasciitis)] Jablonska S, et al. **Z Hautkr** 1984 Jun 1;59(11):711-21 (Eng. Abstr.) (Ger)

[So-called eosinophilic cholecystitis] Miracco C, et al. **Arch De Vecchi Anat Patol** 1983 Jul;65(2-3):293-300 (Eng. Abstr.) (Ita)

[Eosinophilic spongiotic pemphigus] Aloi FG, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec;119(6):381-5 (Eng. Abstr.) (Ita)

[A case of probable hypereosinophilic syndrome with a gastric lesion] Ichikawa K, et al. **Nippon Naika Gakkai Zasshi** 1984 Nov;73(11):1697-702 (Jpn)

[Hypereosinophilic syndrome] Herrera-Goepfert R, et al. **Bol Med Hosp Infant Mex** 1985 Mar;42(3):201-6 (Eng. Abstr.) (Spa)

[Eosinophilic parapneumonic effusion (letter)] Ayensa Dean C, et al. **Med Clin (Barc)** 1985 Feb 23;84(7):295 (Spa)

[Eosinophils in the broncho-alveolar lavage of diffuse interstitial lung diseases] Xaubet A, et al. **Med Clin (Barc)** 1985 Jun 15;85(3):92-5 (Eng. Abstr.) (Spa)

[Eosinophilic gastroenteritis: a case of 35 years' development] Sainz Samitier R, et al. **Rev Esp Enferm Apar Dig** 1984 Jul;66(1):49-53 (Eng. Abstr.) (Spa)

PHYSIOPATHOLOGY

Bronchoalveolar eosinophilia during allergen-induced late asthmatic reactions. De Monchy JG, et al. **Am Rev Respir Dis** 1985 Mar;131(3):373-6

Mononeuritis multiplex and eosinophilia in a patient with asthma. Farnam J, et al. **Ann Allergy** 1985 Jul;55(1):14-5, 33-5

Peripheral neuropathy in hypereosinophilic syndrome. Wichman A, et al. **Neurology** 1985 Aug;35(8):1140-5

[Hypereosinophilic syndrome associated with extensive asynergy of the left ventricular wall: a case report] Kijima M, et al. **J Cardiogr** 1984 Oct;14(3):605-13 (Eng. Abstr.) (Jpn)

RADIOGRAPHY

[Left eosinophilic colitis. Radiological aspect] Maroy B. **Ann Radiol (Paris)** 1984 Sep-Oct;27(6):500-1 (Eng. Abstr.) (Fre)

URINE

Urine eosinophilia in bladder cancer [letter] Lowe D, et al. **Acta Cytol (Baltimore)** 1985 Mar-Apr;29(2):187

VETERINARY

Chronic eosinophilic pancreatitis and ulcerative colitis in a horse. Breider MA, et al. **J Am Vet Med Assoc** 1985 Apr 15;186(8):809-11

Eosinophilic myeloproliferative disorder in a horse. Morris DD, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):993-6

Nuclear lobe index in avian eosinophilia. Maxwell MH. **Res Vet Sci** 1985 May;38(3):361-3

Blood eosinophilia in adult bantams naturally infected with Trichostrongylus tenuis. Maxwell MH, et al. **Res Vet Sci** 1985 Jul;39(1):122-3

EOSINOPHILIA, PULMONARY see PULMONARY EOSINOPHILIA

EOSINOPHILIA, TROPICAL see PULMONARY EOSINOPHILIA

EOSINOPHILIC GRANULOMA

[Eosinophilic granuloma of the small intestine, colon and rectum] Fingerhut A. **Ann Gastroenterol Hepatol (Paris)** 1984 Dec;20(6):347-8, 350, 352 passim (41 ref.) (Eng. Abstr.) (Fre)

CLASSIFICATION

[Multifocal eosinophilic granuloma. Analysis of 19 cases] Quesada Calvo E, et al. **Sangre (Barc)** 1984;29(4-A):405-12 (Eng. Abstr.) (Spa)

COMPLICATIONS

Eosinophilic granuloma associated with a 16q22 chromosomal defect of cutaneous T lymphocytes. Bisballe S, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):548-51

Retinoblastoma, eosinophilic granuloma, and malignant melanoma: a case report. Casson AG, et al. **Med Pediatr Oncol** 1984;12(5):347-8

Multifocal eosinophilic granuloma with a pituitary stalk lesion. Langer A, et al. **West J Med** 1985 Jun;142(6):829-31

[Parasitic eosinophilic granuloma of the intestines. A rare cause of intestinal occlusion in children (letter)] Boccon-Gibod L, et al. **Presse Med** 1984 Oct 27;13(38):2324 (Fre)

[Polyostotic eosinophilic granuloma with pituitary insufficiency] Wanner C, et al. **Schweiz Rundsch Med Prax** 1985 Jan 8;74(1-2):3-8 (Eng. Abstr.) (Ger)

DIAGNOSIS

S-100 staining in the diagnosis of eosinophilic granuloma of lung. Webber D, et al. **Am J Clin Pathol** 1985 Oct;84(4):447-53

Eosinophilic ulcer of the tongue. Tiwari RM, et al. **J Laryngol Otol** 1984 Dec;98(12):1273-6

Eosinophilic granuloma of bone in the growing epiphysis. Leeson MC, et al. **J Pediatr Orthop** 1985 Mar-Apr;5(2):147-50

A case report of eosinophilic granuloma of the stomach. Mizote H, et al. **Kurume Med J** 1984;31(2):151-5

Solitary eosinophilic granuloma of the skull. Rawlings CE 3d, et al. **Neurosurgery** 1984 Aug;15(2):155-61

[A new case of eosinophilic granuloma of the orbit] Erhart G, et al. **Bull Soc Ophtalmol Fr** 1983 Dec;83(12):1369-72 (Eng. Abstr.) (Fre)

[Eosinophilic granuloma of the spine] Immenkamp M. **Z Orthop** 1985 Mar-Apr;123(2):227-34 (Eng. Abstr.) (Ger)

[Eosinophilic granuloma of the orbit in a 2-year-old child] Goryszewska-Maciochowa H. **Klin Oczna** 1984 Aug;86(8):353-4 (Eng. Abstr.) (Pol)

[Multifocal eosinophilic granuloma in an adult (letter)] Rodriguez López I, et al. **Med Clin (Barc)** 1985 May 18;84(19):798 (Spa)

DRUG THERAPY

Eosinophilic granuloma. Presence of OKT6-positive cells and good response to intralesional steroid. Hashimoto K, et al. **Arch Dermatol** 1985 Jun;121(6):770-4

Etoposide in the treatment of multifocal eosinophilic granuloma [letter] Urbano-Márquez A, et al. **Cancer Treat Rep** 1985 Feb;69(2):238-9

Velban as treatment for disseminated eosinophilic granuloma of bone. Follow-up note after seventeen years. West WO. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1128

Direct cortisone injection in eosinophilic granuloma of bone: a preliminary report on 11 patients. Capanna R, et al. **J Pediatr Orthop** 1985 May-Jun;5(3):339-42

[Aggressive chemotherapy in generalized eosinophilic granuloma in adults] Görg C, et al. **Onkologie** 1984 Dec;7(6):360-2 (Eng. Abstr.) (Ger)

[Supraorbital eosinophilic granuloma. Local treatment with corticoids] Sánchez JL, et al. **An Esp Pediatr** 1984 Jun;20(9):914-6 (Spa)

ENZYMOLOGY

Langerhans' cells and macrophages in eosinophilic granuloma. An enzyme-histochemical, enzyme-cytochemical, and ultrastructural study. Elema JD, et al. **Cancer** 1984 Nov 15;54(10):2174-81

ETIOLOGY

[Histiocytosis X with perianovulvar eosinophilic granuloma. Favorable effect of the local application of nitrogen mustard onto anovulvar lesions] Verret JL, et al. **Ann Dermatol Venereol** 1985;112(2):165-6 (Fre)

PARASITOLOGY

[Gastric anisakiasis. Endoscopic diagnosis and treatment (letter)] Goldfain D, et al. **Presse Med** 1984 Nov 24;13(42):2586 (Fre)

PATHOLOGY

Facial granuloma. Frost FA, et al. **Australas J Dermatol** 1984 Dec;25(3):121-4

Primary eosinophilic granuloma of frontal lobe. Diagnostic use of S-100 protein. Moscinski LC, et al. **Cancer** 1985 Jul 15;56(2):284-8

Histioeosinophilic granulomas in the thymuses of 29 myasthenic patients: a complication of pneumomediastinum. Halíček F, et al. **Hum Pathol** 1984 Dec;15(12):1137-44

Eosinophilic granuloma with bilateral maxillary and mandibular involvement. Gondalia V, et al. **J Laryngol Otol** 1984 Nov;98(11):1143-5

Multifocal eosinophilic granuloma: a clinical pathologic conference. Krutchkoff DJ, et al. **J Oral Pathol** 1984 Oct;13(5):472-88

[Eosinophilic tumors of the duodenum and pancreas. Apropos of a case] Odimba BF, et al. **J Chir (Paris)** 1985 Apr;122(4):221-4 (Eng. Abstr.) (Fre)

[Eosinophilic, central necrotizing granuloma of the conjunctiva (Splendore-Hoeppli phenomenon). Clinical-histopathological study] Völcker HE, et al. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):254-8 (Eng. Abstr.) (Ger)

[Facial eosinophilic granuloma] Velders AJ, et al. **Z Hautkr** 1984 Oct 15;59(20):1365-71 (Eng. Abstr.) (Ger)

[A case of allergic granulomatous prostatitis] Ikemoto I, et al. **Hinyokika Kiyo** 1984 Dec;30(12):1851-9 (Eng. Abstr.) (Jpn)

[A case of non-specific inflammatory granuloma of the bladder with marked eosinophilic infiltration] Seguchi T, et al. **Hinyokika Kiyo** 1985 Jan;31(1):147-52 (Eng. Abstr.) (Jpn)

RADIOGRAPHY

Radiology notes. Case 1. Eosinophilic granuloma of the spine. Charnoff SK. **Mt Sinai J Med (NY)** 1985 Feb;52(2):133-5

Radiology notes. Eosinophilic granuloma of the pelvis. Case 2. Gale JT, et al. **Mt Sinai J Med (NY)** 1985 Feb;52(2):136-8

Atypical radiographic appearance of a gastric eosinophilic granuloma. Wecksell A, et al. **NY State J Med** 1984 Dec;84(12):623-4

[Radiodiagnosis of eosinophilic granuloma] Zidková H, et al. **Cesk Radiol** 1984 Dec;38(6):380-92 (Eng. Abstr.) (Cze)

[Eosinophilic granuloma (histiocytosis X). Apropos of a case located at the level of the mandibular condyle] Tant L, et al. **Acta Stomatol Belg** 1984 Nov;81(3):181-204 (Fre)

[Button sequestrum. A rare manifestation of eosinophilic granuloma of the skull] Galanski M, et al. **ROFO** 1984 Sep;141(3):358-9 (Ger)

[Eosinophilic granuloma of bone: differential diagnostic observations on 3 cases] Lehner K, et al. **Roentgenpraxis** 1984 Dec;37(12):455-7 (Ger)

[Eosinophilic granuloma of the bone] Szöcs G, et al. **Orv Hetil** 1985 Jun 2;126(22):1355-7 (Eng. Abstr.) (Hun)

SURGERY

Solitary eosinophilic granuloma of the lateral orbital wall. Feldman RB, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):318-23

Eosinophilic granuloma of the temporal bone. Fradis M, et al. **J Laryngol Otol** 1985 May;99(5):475-9

VETERINARY

Antiepithelial autoantibodies associated with the feline eosinophilic granuloma complex. Gelberg HB, et al. **Am J Vet Res** 1985 Jan;46(1):263-5

EOSINOPHILIC PNEUMONIA see PULMONARY EOSINOPHILIA

EOSINOPHILS

Canine atopic disease: investigations of eosinophils and the nasal mucosa. Willemse A. **Am J Vet Res** 1984 Sep;45(9):1867-9

Acute myelomonocytic leukaemia with abnormal eosinophils and inversion of chromosome 16. Woessner S, et al. **Blut** 1985 Jan;50(1):45-50

Eosinophil involvement in rheumatoid arthritis as reflected by elevated serum levels of eosinophil cationic protein. Hällgren R, et al. **Clin Exp Immunol** 1985 Mar;59(3):539-46

Significance and comparison of blood, nasal secretion and mucosal eosinophilia in nasal allergy. Urmil G, et al. **Indian J Pathol Microbiol** 1984 Jan;27(1):27-32

Estimation of total and vacuolated eosinophil counts in childhood asthma. Acharya U, et al. **Indian J Pediatr** 1983 Nov-Dec;50(407):635-7

Dermal deposition of eosinophil-granule major basic protein in atopic dermatitis. Comparison with onchocerciasis. Leiferman KM, et al. **N Engl J Med** 1985 Aug 1;313(5):282-5

[Examination of eosinophilic white cells in the cerebrospinal fluid and its clinical significance] Su XC. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Aug;17(4):226-7 (Eng. Abstr.) (Chi)

[Diagnosis of hypereosinophilia of parasitic etiology (continued)] Ben Rachid MS, et al. **Tunis Med** 1985 Jan;63:15-22 (Eng. Abstr.) (Fre)

[Clinical study of eosinophilic cystitis. I. On the definition of eosinophilic cystitis. I-1. Histological observation of eosinophilic infiltration] Yamada T, et al. **Hinyokika Kiyo** 1984 Dec;30(12):1781-4 (Eng. Abstr.) (Jpn)

[Changes in the level of eosinophils, corticosterone and catecholamine metabolism in the dynamics of emotional-painful stress] Malyshev VV, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):267-9 (Eng. Abstr.) (Rus)

[Levels of eosinophils in the peripheral blood in intestinal parasitic diseases before antiparasitic treatment and after antiparasitic treatment] Szilágyiová M, et al. **Bratisl Lek Listy** 1985 Jan;83(1):75-9 (Eng. Abstr.) (Slo)

ANALYSIS

Philadelphia chromosome-negative CML with eosinophilia? [letter] Sherrod T, et al. **Am J Clin Pathol** 1984 Nov;82(5):633

Comparison of free amino acid concentrations in eosinophils and neutrophils. Fukuda K, et al. **Hiroshima J Med Sci** 1985 Mar;34(1):67-9

[Correlation between total IgE and eosinophilia in respiratory tract secretions in asthmatic patients] Jeguerim MS, et al. **Tunis Med** 1984 May-Jun;62(3):191-3 (Eng. Abstr.) (Fre)

[Correlation between total IgE, blood and secretory eosinophils, bronchial reactivity and skin tests in respiratory hypersensitivity in the adult] Ladjimi S, et al. **Tunis Med** 1984 May-Jun;62(3):181-6 (Eng. Abstr.) (Fre)

[Hypereosinophilias of the blood. I. Eosinophilic granulocytes] Lovisetto P, et al. **Minerva Med** 1985 May 19;76(21):975-83 (Eng. Abstr.) (Ita)

CYTOLOGY

An improved cytochemical method for the evaluation of eosinophil colonies in soft-agar cultures from human blood or bone marrow. Dufer J. **Acta Histochem (Jena)** 1985;76(2):219-23

Isolation of bovine eosinophils by density gradient centrifugation. Chambers WH, et al. **Am J Vet Res** 1985 Jan;46(1):154-6

Heterogeneity of human peripheral blood eosinophil-type colonies: evidence for a common basophil-eosinophil progenitor. Denburg JA, et al. **Blood** 1985 Aug;66(2):312-8

Rapid method for isolation of normal human peripheral blood eosinophils on discontinuous Percoll gradients and comparison with neutrophils. Roberts RL, et al. **Blood** 1985 Feb;65(2):433-40

Arachidonic acid incorporation by cytoplasmic lipid bodies of human eosinophils. Weller PF, et al. **Blood** 1985 May;65(5):1269-74

Inflammatory component of celiac sprue mucosa. I. Mast cells, basophils, and eosinophils. Marsh MN, et al. **Gastroenterology** 1985 Jul;89(1):92-101

Concomitant detection of mucosal mast cells and eosinophils in the intestines of normal and Nippostrongylus-immune rats. A re-evaluation of histochemical and immunocytochemical techniques. Newlands GF, et al. **Histochemistry** 1984;81(6):585-9

Tissue eosinophil numbers and phospholipase B activity in mice infected with Trichinella spiralis. Wilkes SD, et al. **Int J Parasitol** 1984 Oct;14(5):479-82

Identification of a lymphokine that stimulates eosinophil differentiation in vitro. Its relationship to interleukin 3, and functional properties of eosinophils produced in cultures. Sanderson CJ, et al. **J Exp Med** 1985 Jul 1;162(1):60-74

Bone marrow eosinophil levels in Trypanosoma cruzi infected mice. Rowland EC, et al. **J Parasitol** 1984 Oct;70(5):819-20

Smoking, allergy, and the differential white blood cell count. Taylor RG, et al. **Thorax** 1985 Jan;40(1):17-22

[Behavior of eosinophilic granulocytes, total IgE and allergen-specific IgE antibodies in atopic neurodermatitis during hospital treatment in the North Sea climate] Pürschel W, et al. **Z Hautkr** 1985 Apr 15;60(8):661-70 (Eng. Abstr.) (Ger)

DRUG EFFECTS

Inhibition of eosinophils degranulation by Ketotifen in a patient with milk allergy, manifested as bronchial asthma—an electron microscopic study. Podleski WK, et al. **Agents Actions** 1984 Oct;15(3-4):177-81

Activation of human eosinophils by monokines and lymphokines: source and biochemical characteristics of the eosinophil cytotoxicity-enhancing activity produced by blood mononuclear cells. Lenzi HL, et al. **Cell Immunol** 1985 Sep;94(2):333-46

Progesterone interaction with eosinophils and with responses already induced by oestrogen in the uterus. Grunert G, et al. **J Endocrinol** 1984 Sep;102(3):295-303

Calcium ionophore A23187 calcium-dependent cytolytic degranulation in human eosinophils. Fukuda T, et al. **J Immunol** 1985 Aug;135(2):1349-56

The effect of prostaglandin D2 (PGD2) on circulating eosinophils. Marsden KA, et al. **Prostaglandins Leukotrienes Med** 1984 Sep;15(3):387-97

[The response of human eosinophils to calcium ionophore A 23187] Sakaguchi Y. **Nippon Ika Daigaku Zasshi** 1984 Oct;51(5):581-9 (Eng. Abstr.) **(Jpn)**

ENZYMOLOGY

Monoclonal antibody to rat uterine peroxidase and its use in identification of the peroxidase as being of eosinophil origin. Keeping HS, et al. **Biochim Biophys Acta** 1984 Dec 20;802(3):399-406

Automated differential white cell count (flow cytometry) in a case of eosinophilic total myeloperoxidase (MPO) deficiency [letter] Pasini L, et al. **Haematologica (Pavia)** 1985 Jan-Feb;70(1):83-5

Biochemical characterization of human eosinophil Charcot-Leyden crystal protein (lysophospholipase). Weller PF, et al. **J Biol Chem** 1984 Dec 25;259(24):15100-5

Human eosinophil peroxidase: purification and characterization. Carlson MG, et al. **J Immunol** 1985 Mar;134(3):1875-9

Heparin inhibition of human neutrophil and eosinophil-enriched leukocyte acid beta-glycerophosphatase. West BC. **Proc Soc Exp Biol Med** 1985 Mar;178(3):373-84

IMMUNOLOGY

Ultrastructure of the attack of eosinophils stimulated by blood mononuclear cell products on schistosomula of Schistosoma mansoni. Caulfield JP, et al. **Am J Pathol** 1985 Sep;120(3):380-90

The appearance of eosinophil-directed chemotactic inhibitory factor in the serum of complete Freund's adjuvant-treated guinea pigs. Hirashima M, et al. **Cell Immunol** 1984 Nov;89(1):113-21

Human lymphocyte-eosinophil interactions. I. Modulation of phytohemagglutinin-induced lymphocyte proliferation by eosinophils. Ramesh KS, et al. **Cell Immunol** 1985 May;92(2):366-75

Enhancement of human eosinophil- and neutrophil-mediated killing of schistosomula of Schistosoma mansoni by reversed type (IgE-mediated) anaphylaxis, in vitro. Moqbel R, et al. **Clin Exp Immunol** 1985 Mar;59(3):577-86

Plasma membrane antigens on light density and activated human blood eosinophils. Tai PC, et al. **Clin Exp Immunol** 1985 May;60(2):427-36

Studies on the enhancement of human eosinophil function by mononuclear cell products in vitro. Veith M, et al. **Clin Exp Immunol** 1984 Dec;58(3):603-10

Eosinophilic granular cells (EGC) and histamine responses to Aeromonas salmonicida toxins in rainbow trout. Ellis AE. **Dev Comp Immunol** 1985 Spring;9(2):251-60

Fc receptors on mouse neutrophils and eosinophils: antigenic characteristics, isotype specificity and relative cell membrane density measured by flow cytometry. López AF, et al. **Immunology** 1985 May;55(1):125-33

The regulation of tissue eosinophilia. III. In vitro production of eosinophil-directed chemotactic inhibitory factor by T lymphocytes of complete Freund's adjuvant-treated guinea-pigs. Tashiro K, et al. **Immunology** 1985 May;55(1):115-24

Cytophilic IgE on human blood and tissue eosinophils. Capron M, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):246-8

Enhancement of IgE-dependent eosinophil cytotoxicity to dinitrophenylated schistosomula by a nematode infection. Kojima S, et al. **Int Arch Allergy Appl Immunol** 1985;76(1):91-4

Eosinophil membrane antigens: phenotypic frequencies in normal individuals and patients with the hypereosinophilic syndrome. Tai PC, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):249-51

Donor sensitivity to basophil activation by eosinophil granule major basic protein. Zheutlin LM, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):216-7

Cytophilic IgE on human blood and tissue eosinophils: detection by flow microfluorometry. Capron M, et al. **J Immunol** 1985 May;134(5):3013-8

Monoclonal IgE-dependent eosinophil cytotoxicity to haptenated schistosomula of Schistosoma japonicum: enhancement of the cytotoxicity and expression of Fc receptors for IgE by Nippostrongylus brasiliensis infection. Kojima S, et al. **J Immunol** 1985 Apr;134(4):2719-22

Factors affecting the levels of antibody- and complement-dependent eosinophil-mediated damage to schistosomula of Schistosoma mansoni in vitro. Butterworth AE, et al. **Parasite Immunol** 1985 Mar;7(2):119-31

Antibody-dependent cellular cytotoxicity of Trypanosoma theileri mediated by purified bovine isotypes and subisotypes. Townsend J, et al. **Parasite Immunol** 1985 Mar;7(2):179-89

Expression of the platelet-common acute lymphoblastic leukaemia associated antigen on normal eosinophils. Ohto H, et al. **Scand J Haematol** 1985 Mar;34(3):281-7

Effect of diethylcarbamazine on serum-dependent cell-mediated immune reactions to microfilariae in vitro. Chandrashekar R, et al. **Tropenmed Parasitol** 1984 Sep;35(3):177-82

METABOLISM

Vesicular uptake of eosinophil peroxidase by guinea pig basophils and by cloned mouse mast cells and granule-containing lymphoid cells. Dvorak AM, et al. **Am J Pathol** 1985 Mar;118(3):425-38

Response of superoxide anion production by guinea pig eosinophils to various soluble stimuli: comparison to neutrophils. Yamashita T, et al. **Arch Biochem Biophys** 1985 Sep;241(2):447-52

Autofluorescence of eosinophilic globules in Kaposi's sarcoma [letter] Senba M. **Arch Pathol Lab Med** 1985 Aug;109(8):703

Specific production of eosinophil colony stimulating factor from sensitized T cells from a patient with allergic eosinophilia. Enokihara H, et al. **Br J Haematol** 1985 Jan;59(1):85-91

Mycosis fungoides with monoclonal gammopathy, hypereosinophilia, and hyper-IgE. Palermo A, et al. **Dermatologica** 1984;169(4):194-6

Tissue localization of human eosinophil cationic proteins in allergic diseases. Spry CJ, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):252-4

Fc gamma receptors on rat eosinophils: isotype-dependent cell activation. Khalife J, et al. **J Immunol** 1985 Oct;135(4):2780-4

Activated human eosinophils generate SRS-A leukotrienes following IgG-dependent stimulation. Shaw RJ, et al. **Nature** 1985 Jul 11-17;316(6024):150-2

PARASITOLOGY

Schistosoma mansoni: extramedullar eosinophil myelopoiesis induced by intraperitoneal glass implants in chronically infected mice. Borojevic R, et al. **Exp Parasitol** 1985 Jun;59(3):290-9

PATHOLOGY

Intraepithelial eosinophils in endoscopic biopsies of adults with reflux esophagitis. Brown LF, et al. **Am J Surg Pathol** 1984 Dec;8(12):899-905

Experimental polymyxin B-induced interstitial lung disease characterized by an accumulation of cytotoxic eosinophils in the alveolar structures. Sun XH, et al. **Am Rev Respir Dis** 1985 Jan;131(1):103-8

Clinical correlates of eosinophiluria. Corwin HL, et al. **Arch Intern Med** 1985 Jun;145(6):1097-9

Eosinophils and bronchial inflammation. Gleich GJ, et al. **Chest** 1985 Jan;87(1 Suppl):10S-13S

Anomalous eosinophil granulocytes in blood and bone marrow: a diagnostic marker for infantile GM1-gangliosidosis? Gitzelmann R, et al. **Eur J Pediatr** 1985 May;144(1):82-4

Murine eosinophil granulocyte proliferation kinetics in acute and chronic eosinophilia. McGarry MP. **Exp Hematol** 1985 Aug;13(7):634-8

Activated eosinophils in familial eosinophilic gastroenteritis. Keshavarzian A, et al. **Gastroenterology** 1985 Apr;88(4):1041-9

Eosinophil infiltration in keratoacanthoma and squamous cell carcinoma of the skin. Lowe D, et al. **Histopathology** 1984 Jul;8(4):619-25

Association of eosinophils with cardiac rupture. Atkinson JB, et al. **Hum Pathol** 1985 Jun;16(6):562-8

Eosinophilic cellulitis (Wells' syndrome). Fisher GB, et al. **Int J Dermatol** 1985 Mar;24(2):101-7

Eosinophilic panniculitis. Burket JM, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):161-4

Eosinophils in the cellular infiltrate of granuloma annulare. Silverman RA, et al. **J Cutan Pathol** 1985 Feb;12(1):13-7

Demonstration of eosinophil polymorph granules in sections of paraffin- and methacrylate-embedded tissue: a new method. Smith PJ, et al. **Med Lab Sci** 1984 Jul;41(3):288-90

PHYSIOLOGY

Comparative toxicity of purified human eosinophil granule cationic proteins for schistosomula of Schistosoma mansoni. Ackerman SJ, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):735-45

In vitro and in vivo induction of neutrophil and eosinophil chemotactic responses by Schistosoma japonicum cercaria. Horii Y, et al. **Am J Trop Med Hyg** 1985 May;34(3):513-8

Regulation of human granulocyte function by products derived from murine tumors. Vadas MA, et al. **Exp Hematol** 1985 Feb;13(2):151-6

Production of a T-cell hybrid producing a lymphokine stimulating eosinophil differentiation. Warren DJ, et al. **Immunology** 1985 Apr;54(4):615-23

Production and functional properties of eosinophils from bone marrow cultures. Strath M, et al. **J Cell Sci** 1985 Mar;74:207-17

Charcot-Leyden crystals. Babb RR. **J Clin Gastroenterol** 1985 Jun;7(3):247-8

Characterization of the interaction of human eosinophils and neutrophils with opsonized particles. Yazdanbakhsh M, et al. **J Immunol** 1985 Aug;135(2):1378-84

[The eosinophil: a helper or an aberrant cell?] Etzioni A, et al. **Harefuah** 1985 May 1;108(9):462-3 **(Heb)**

[Role of eosinophils in the destruction of schistosomula of Schistosoma mansoni in vivo (preliminary report)] Andrade ZA, et al. **Mem Inst Oswaldo Cruz** 1984 Jul-Sep;79(3):371-3 (Eng. Abstr.) **(Por)**

ULTRASTRUCTURE

Comparison of eosinophils in acute nonlymphocytic leukaemia associated with the t(8;21) and inv(16). Bitter MA, et al. **Br J Haematol** 1985 Jan;59(1):185-8

Ultrastructural characterization and morphometric analysis of human eosinophil degranulation. Henderson WR, et al. **J Cell Sci** 1985 Feb;73:33-48

Eosinophil degranulation in the capsule of chronic subdural hematomas. Yamashima T, et al. **J Neurosurg** 1985 Feb;62(2):257-60

Comparative investigations on the specificity of Adams' reaction and the Biebrich scarlet stain for the demonstration of eosinophilic granules. Mlynek ML. **Klin Wochenschr** 1985 Jul 15;63(14):646-7

Acute eosinophilic leukemia: characterization by cytochemistry, chromosomal analysis, and in vitro colony formation. Schmitz N, et al. **Klin Wochenschr** 1985 Feb 4;63(3):133-7

Nuclear lobe index in avian eosinophilia. Maxwell MH. **Res Vet Sci** 1985 May;38(3):361-3

[The eosinophilic granulocyte. Cellular characterization, migration modulating factors and function] Lederman J, et al. **Ugeskr Laeger** 1984 Nov 12;146(46):3527-30 (Eng. Abstr.) **(Dan)**

[Changes in eosinophil ultrastructure in Löffler's cardiomyopathy] Stachura J, et al. **Patol Pol** 1984 Oct-Dec;35(4):523-6 (Eng. Abstr.) **(Pol)**

EPENDYMA

Ependymal cyst of the subarachnoid space. Cytologic diagnosis and developmental considerations. Schelper RL, et al. **Acta Cytol (Baltimore)** 1985 Jan-Feb;29(1):44-8

Perinatal factors that influence the incidence of subependymal and intraventricular hemorrhage in low birthweight infants. Dolfin T, et al. **Am J Perinatol** 1984 Jan;1(2):[illegible]7-13

CYTOLOGY

[Morphology of the subventricular layer of the cerebral hemispheres in newborn infants from the 23rd to the 40th week of intrauterine life] Dvořák K. **Cesk Patol** 1984 Nov;20(4):197-214 (Eng. Abstr.) **(Cze)**

DRUG EFFECTS

[Morphologic picture of the ependyma of the 3d cerebral ventricle in ewes after hormonal stimulation] Rajtová V, et al. **Vet Med (Praha)** 1985 May;30(5):301-10 (Eng. Abstr.) **(Slo)**

METABOLISM

Absence of filipin-sterol complexes from the ciliary necklace of ependymal cells. Cuevas P, et al. **Anat Embryol (Berl)** 1985;172(1):97-9

PATHOLOGY

Ependyma: normal and pathological. A review of the literature. Bruni JE, et al. **Brain Res** 1985 Apr;356(1):1-19 (213 ref.)

[Ependymal changes in the ventricular wall of the human brain. Comparative study in hydrocephalus] Korosue K, et al. **Neurol Med Chir (Tokyo)** 1984 Sep;24(9):663-9 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Ciliary motility in brain ventricular system and trachea of hamsters. Roth Y, et al. **Brain Res** 1985 Mar 25;330(2):291-7

RADIOGRAPHY

Atypical pineal teratoma: clinical and computer tomographic features of two patients with disseminated ependymal lesions. Aichner F, et al. **Neurochirurgia (Stuttg)** 1984 Jul;27(4):120-4

ULTRASTRUCTURE

The ependyma of the cat central canal, with particular reference to its mitochondria-containing bulbs. Rascher K, et al. **Scan Electron Microsc** 1985;(Pt 1):231-8

[Retrocerebellar glio-ependymal cyst with corpora amylacea in wall. Case report] Yamashima T, et al. **Neurol Med Chir (Tokyo)** 1985 May;25(5):387-92 (Eng. Abstr.) **(Jpn)**

[Ultrastructure of cells of the human intraspinal organ] Bakhtinov AP. **Arkh Anat Gistol Embriol** 1984 Jul; 87(7):26–32 (Eng. Abstr.) (Rus)

EPENDYMOMA

ANALYSIS

[Diagnostic value of demonstrating glial fibriliary acidic protein in ependymomas] Szymaś J. **Neuropatol Pol** 1985; 23(1):37–48 (Eng. Abstr.) (Pol)

CHEMICALLY INDUCED

Ependymoblastoma associated with prenatal exposure to diphenylhydantoin and methylphenobarbitone. Lipson A, et al. **Cancer** 1985 May 1;55(9):1859–62

COMPLICATIONS

Spontaneous intratumoral hemorrhage after ventriculoperitoneal shunting. Zuccarello M, et al. **Neurosurgery** 1985 Feb;16(2):245–6

Acute spinal subdural hematoma. A case report and review of literature. Roscoe MW, et al. **Spine** 1984 Oct;9(7):672–5

Choroid plexus papilloma with cerebrospinal fluid rhinorrhea. Lamberts AE. **Surg Neurol** 1984 Dec; 22(6):576–8

Sudden death due to massive intraventricular hemorrhage into an unsuspected ependymoma. Poon TP, et al. **Surg Neurol** 1985 Jul;24(1):63–6

[Hydrocephalus aresorptivus and parkinsonism caused by a cauda ependymoma] Kalff R. **Fortschr Neurol Psychiatr** 1985 Mar;53(3):85–7 (Eng. Abstr.) (Ger)

CONGENITAL

Congenital anaplastic ependymoma: a case report of familial glioma. Sato T, et al. **Childs Brain** 1984;11(5):342–8

DIAGNOSIS

Spinal cord tumor imaging with CT and sonography. Enzmann DR, et al. **AJNR** 1985 Jan–Feb;6(1):95–7

Ependymomas. Factors in clinical and diagnostic staging. West CR, et al. **Cancer** 1985 Oct 1;56(7 Suppl):1812–6

Presacral myxopapillary ependymoma presenting as an abdominal mass in a child. Gerston KF, et al. **J Pediatr Surg** 1985 Jun;20(3):276–8

Ultrasound in the diagnosis of choroid plexus papilloma. Cappe IP, et al. **JCU** 1985 Feb;13(2):121–3

Aggressive choroid plexus papilloma. Ausman JI, et al. **Surg Neurol** 1984 Nov;22(5):472–6

DRUG THERAPY

Phase II evaluation of dibromodulcitol in the treatment of recurrent medulloblastoma, ependymoma, and malignant astrocytoma. Levin VA, et al. **J Neurosurg** 1984 Dec; 61(6):1063–8

FAMILIAL & GENETIC

A case of malignant spinal cord ependymoma in association with a duplication of part of the long arm of chromosome 12. Neville BG, et al. **J Med Genet** 1985 Apr;22(2):154

PATHOLOGY

Ependymoma-like tumor of the mesovarium. Grody WW, et al. **Arch Pathol Lab Med** 1985 Mar;109(3):291–3

Ependymoblastoma. A reappraisal of a rare embryonal tumor. Mørk SJ, et al. **Cancer** 1985 Apr 1;55(7):1536–42

Myxopapillary ependymoma. A clinicopathologic and immunocytochemical study of 77 cases. Sonneland PR, et al. **Cancer** 1985 Aug 15;56(4):883–93

Third ventricle choroid plexus papillomas [letter] Schijman E. **Childs Brain** 1984;11(5):349–52

Malignant behavior of myxopapillary ependymoma. Report of three cases. Davis C, et al. **J Neurosurg** 1985 Jun; 62(6):925–9

Hemorrhage into a spinal ependymoma after peridural anesthesia. Antoniadis G, et al. **Neurosurgery** 1985 May; 16(5):669–71

Adjacent astrocytoma and ependymoma: dependent mixed neoplasia or unusual collision tumors? Molnár P, et al. **Surg Neurol** 1984 Nov;22(5):455–60

[Extracranial metastasis of ependymoma. Case report] Andoh T, et al. **Neurol Med Chir (Tokyo)** 1984 Oct;24(10):800–7 (Eng. Abstr.) (Jpn)

[Globocellular ependymoma: morphologic picture in 2 cases] Kaluża J, et al. **Patol Pol** 1984 Jan–Mar;35(1):129–34 (Eng. Abstr.) (Pol)

RADIOGRAPHY

Extraaxial ependymoma of the posterior fossa. Cosgrove GR, et al. **Surg Neurol** 1985 Oct;24(4):433–6

[Tumoral spinal meningeal hemorrhage during anticoagulant treatment] Destée A, et al. **Rev Neurol (Paris)** 1984; 140(8–9):517–9 (Eng. Abstr.) (Fre)

RADIOTHERAPY

Acute leukaemia following malignant ependymoma: a case report. Pai MR, et al. **J Surg Oncol** 1985 May;29(1):1–4

[Radiotherapy of spinal cord tumors at the Institute of Oncology in Gliwice 1960-1980] Pamucka M, et al. **Nowotwory** 1984 Apr–Jun;34(2):165–8 (Eng. Abstr.) (Pol)

SURGERY

Radical resection of intramedullary spinal cord tumors in adults. Recent experience in 29 patients. Cooper PR, et al. **J Neurosurg** 1985 Oct;63(4):492–9

Subependymomas of the fourth ventricle. Surgical treatment in 12 cases. Jooma R, et al. **J Neurosurg** 1985 Apr; 62(4):508–12

Intrasacral ependymoma. Report of 2 cases and review of the literature. Ciapetta P, et al. **Zentralbl Neurochir** 1984; 45(4):326–8

[Papilloma of the choroid plexus of the 3d ventricle. Report of a case and review of the literature] Namer IJ, et al. **Neurochirurgie** 1984;30(6):401–5 (Eng. Abstr.) (Fre)

[Surgery of trigonal tumor] Handa H, et al. **No Shinkei Geka** 1984 Jul;12(8):901–12 (Jpn)

THERAPY

[Antineoplastic effect of Hu-IFN-beta and other anticancer drugs on malignant brain tumors in athymic nude mice] Nakamura O, et al. **No Shinkei Geka** 1985 May;13(5):503–8 (Eng. Abstr.) (Jpn)

VETERINARY

Ependymoblastoma in a dairy calf. Saunders GK. **Vet Pathol** 1984 Sep;21(5):528–9

EPERYTHROZOON

PATHOGENICITY

Erythrocyte membrane alterations associated with the attachment and replication of Eperythrozoon suis: a light and electron microscopic study. Zachary JF, et al. **Vet Pathol** 1985 Mar;22(2):164–70

EPERYTHROZOONOSIS see under **ANAPLASMATACEAE INFECTIONS**

EPHEDRINE

ADMINISTRATION & DOSAGE

Comment on ephedrine-phenobarbital formulations [letter] Lourwood DL Jr. **Drug Intell Clin Pharm** 1984 Nov; 18(11):924–5

ADVERSE EFFECTS

Re: Pyloric stenosis and maternal antihistamine exposure at group health cooperative [letter] Aselton P, et al. **Am J Epidemiol** 1985 Jul;122(1):197

Amitriptyline and ephedrine in subarachnoid anaesthesia [letter] Serle DG. **Anaesth Intensive Care** 1985 May; 13(2):214

Intracerebral haemorrhage and angiographic beading following ingestion of catecholaminergics. Stoessl AJ, et al. **Stroke** 1985 Jul–Aug;16(4):734–6

ANALOGS & DERIVATIVES

On the mechanism of bronchodilatation by etafedrine. Lindmar R, et al. **Arzneimittelforsch** 1985;35(3):602–4

Beta 2-adrenoceptor agonists reverse the leukotriene C4-induced release response of macrophages. Schenkelaars EJ, et al. **Eur J Pharmacol** 1984 Dec 15;107(1):65–70

Direct separation of enantiomer of ephedrine and some analogues by reversed-phase liquid chromatography using (+)-di-n-butyltartrate as the liquid stationary phase. Pettersson C, et al. **J Chromatogr Sci** 1984 Oct;22(10):441–3

ANALYSIS

Direct separation of enantiomer of ephedrine and some analogues by reversed-phase liquid chromatography using (+)-di-n-butyltartrate as the liquid stationary phase. Pettersson C, et al. **J Chromatogr Sci** 1984 Oct;22(10):441–3

[Simultaneous determination of ephedrine and glycyrrhizin in human breast milk by high performance liquid chromatography] Shimada K, et al. **Yakugaku Zasshi** 1984 Apr;104(4):347–50 (Eng. Abstr.) (Jpn)

METABOLISM

Placental transfer of ephedrine does not affect neonatal outcome. Hughes SC, et al. **Anesthesiology** 1985 Aug; 63(2):217–9

Pseudoephedrine and triprolidine in plasma and breast milk of nursing mothers. Findlay JW, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):901–6

Bioavailability assessment of a new liquid controlled-release pseudoephedrine product. Graves DA, et al. **Clin Pharm** 1985 Mar–Apr;4(2):199–203

Bioavailability of pseudoephedrine and triprolidine from combination and single-ingredient products. Williams BO, et al. **Clin Pharm** 1984 Nov–Dec;3(6):638–43

Steady-state bioavailability of dexbrompheniramine and pseudoephedrine from a repeat-action combination tablet. Lin CC, et al. **J Pharm Sci** 1985 Jan;74(1):25–8

[The in vivo formation of mutagenic N-nitroso compounds from methamphetamine and ephedrine] Shimizu H, et al. **Nippon Eiseigaku Zasshi** 1984 Jun;39(2):573–80 (Eng. Abstr.) (Jpn)

PHARMACODYNAMICS

Effects of ephedrine on haemodynamics and oxygen consumption in the dog during high epidural block with special reference to the splanchnic region. Greitz T, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):557–62

Enhanced thermogenic responsiveness during chronic ephedrine treatment in man. Astrup A, et al. **Am J Clin Nutr** 1985 Jul;42(1):83–94

Contribution of BAT and skeletal muscle to thermogenesis induced by ephedrine in man. Astrup A, et al. **Am J Physiol** 1985 May;248(5 Pt 1):E507–15

Caffeine-phenylethylamine combinations mimic the amphetamine discriminative cue. Holloway FA, et al. **Life Sci** 1985 Feb 25;36(8):723–30

POISONING

Nyquil and acute hepatic necrosis [letter] Fleckenstein JL. **N Engl J Med** 1985 Jul 4;313(1):48

Physostigmine and the adrenergic/antimuscarinic syndrome. A case report. Shipton EA, et al. **S Afr Med J** 1984 Dec 8;66(23):894

[Combined poisoning with caffeine, morphine and ephedrine] Kolobov IuV. **Sud Med Ekspert** 1985 Jan–Mar;28(1):51 (Rus)

THERAPEUTIC USE

Intervillous blood flow during caesarean section with prophylactic ephedrine and epidural anaesthesia. Hollmén AI, et al. **Acta Anaesthesiol Scand** 1984 Aug;28(4):396–400

The effect of d-amphetamine and ephedrine on smoking attitude and behavior. Low RB, et al. **Addict Behav** 1984; 9(4):335–45

Subarachnoid blockade and total hip replacement. Effect of ephedrine on intraoperative blood loss. Thorburn J. **Br J Anaesth** 1985 Mar;57(3):290–3

The long-term outcome of nonsuppurative otitis media with effusion. Dusdieker LB, et al. **Clin Pediatr (Phila)** 1985 Apr; 24(4):181–6

A controlled trial using ephedrine in the treatment of obesity. Pasquali R, et al. **Int J Obes** 1985;9(2):93–8

Aperistalsis of the vas deferens corrected with administration of ephedrine. Tiffany P, et al. **J Urol** 1985 Jun; 133(6):1060–1

Mixed carotid sinus hypersensitivity: successful therapy with pacing, ephedrine, and propranolol. Keating EC, et al. **PACE** 1985 May;8(3 Pt 1):356–9

EPHEMERAL FEVER

BLOOD

Serological and biochemical factors in bovine ephemeral fever. St George TD, et al. **Aust J Biol Sci** 1984; 37(5–6):341–9

IMMUNOLOGY

Transmission of virus from serosal fluids and demonstration of antigen in neutrophils and mesothelial cells of cattle infected with bovine ephemeral fever virus. Young PL, et al. **Vet Microbiol** 1985 Apr;10(3):199–207

PREVENTION & CONTROL

A bovine ephemeral fever vaccine incorporating adjuvant Quil A: a comparative study using adjuvants Quil A, aluminium hydroxide gel and dextran sulphate. Vanselow BA, et al. **Vet Rec** 1985 Jul 13;117(2):37–43

EPICHLOROHYDRIN see under **CHLOROHYDRINS**

EPICILLIN see under **AMPICILLIN**

EPICONDYLITIS, LATERAL HUMERAL see **TENNIS ELBOW**

EPIDEMIC PAROTITIS VIRUS see **MUMPS VIRUS**

EPIDEMICS see **DISEASE OUTBREAKS**

EPIDEMIOLOGIC METHODS

see related
MASS SCREENING

Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer. Concordance of nutrient information obtained by different methods. Rider AA, et al. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):906–13

Re: 'A comparison of frequency and quantitative dietary methods for epidemiologic studies of diet and disease' [letter] **Am J Epidemiol** 1985 May;121(5):776–9

Epidemiologic modeling using a microcomputer spreadsheet package. Carpenter TE. **Am J Epidemiol** 1984 Dec; 120(6):943–51

A simple randomized response device. Comstock GW, et al. **Am J Epidemiol** 1985 Jul;122(1):187–90

Epidemiologic programs for computers and calculators. Use of Poisson regression models in estimating incidence rates and ratios. Frome EL, et al. **Am J Epidemiol** 1985 Feb; 121(2):309–23

Achieved status as a risk factor in epidemiology. Graham S, et al. **Am J Epidemiol** 1985 Oct;122(4):553–8 (19 ref.)

Re: 'Methods of cancer case selection: implications for research' [letter] Neuberger JS, et al. **Am J Epidemiol** 1985 Feb;121(2):324

Comparing imperfect measures of exposure. Walker AM, et al. **Am J Epidemiol** 1985 Jun;121(6):783–90

Sample-size calculations in segregation analysis. Wong FL, et al. **Am J Hum Genet** 1984 Nov;36(6):1279–97

Infections and infection risk in residents of long-term care facilities: a review of the literature, 1970–1984. Jackson MM, et al. **Am J Infect Control** 1985 Apr;13(2):63–77 (61 ref.)

Patient attitudes toward physician consent in epidemiologic research. Boring CC, et al. **Am J Public Health** 1984 Dec; 74(12):1406–8

On the problem of controlling confounding in case-referent studies. Axelson O, et al. **Ann Acad Med Singapore** 1984 Apr;13(2 Suppl):308–11

Statistical problems associated with cohort studies of workers in an industry. Nair RC. **Ann Acad Med Singapore** 1984 Apr;13(2 Suppl):317–20

A quantitative evaluation of competing risks in occupational studies. Tsai SP, et al. **Ann Acad Med Singapore** 1984 Apr; 13(2 Suppl):321–6

The mortality odds ratio (MOR) in occupational mortality studies—selection of reference occupation(s) and reference cause(s) of death. Wang JD, et al. **Ann Acad Med Singapore** 1984 Apr;13(2 Suppl):312–6

Mathematical modeling strategies for the analysis of epidemiologic research. Greenberg RS, et al. **Annu Rev Public Health** 1985;6:223–45

The role of susceptibility bias in epidemiologic research. Horwitz RI, et al. **Arch Intern Med** 1985 May;145(5):909–12

Arrhythmias in mitral valve prolapse. Effect of selection bias. Kramer HM, et al. **Arch Intern Med** 1984 Dec; 144(12):2360–4

Selecting a screening cut-off point or diagnostic criterion for comparing prevalences of disease. Brownie C, et al. **Biometrics** 1984 Sep;40(3):675–84

Small-sample bias of point estimators of the odds ratio from matched sets. Jewell NP. **Biometrics** 1984 Jun;40(2):421–35

Tests of the null hypothesis in case-control studies. Lustbader ED, et al. **Biometrics** 1984 Dec;40(4):1017–24

Data analytic methods for matched case-control studies. Pregibon D. **Biometrics** 1984 Sep;40(3):639–51

On the use of case series to identify disease risk factors. Prentice RL, et al. **Biometrics** 1984 Jun;40(2):445–58

A method for estimating incidence rates of onchocerciasis from skin-snip biopsies with consideration of false negatives. Yanagawa T, et al. **Biometrics** 1984 Jun; 40(2):301–11

Epidemiologic approaches to the study of diseases of complex etiology. Sever LE. **Birth Defects** 1984;20(6):96–119

Observations on the application of EPI cluster survey methods for estimating disease incidence. Rothenberg RB, et al. **Bull WHO** 1985;63(1):93–9

The scientific approach to cancer control. Greenwald P, et al. **CA** 1984 Nov–Dec;34(6):328–32

Multiple myeloma and family history of cancer. A case-control study. Bourguet CC, et al. **Cancer** 1985 Oct 15;56(8):2133–9

Patients, clinicians, and the science of investigation [editorial] Soffer A. **Chest** 1985 Sep;88(3):325–6

Proposals for epidemiological surveillance of occupational health in Australia. Roder D. **Community Health Stud** 1984; 8(3 Suppl):38–44

Reconstruction of genealogies from vital records: the Laredo Epidemiology Project. Buchanan AV, et al. **Comput Biomed Res** 1984 Aug;17(4):326–51

Perinatal factors and seizure disorders: an epidemiologic review. Deymeer F, et al. **Epilepsia** 1985 Jul–Aug; 26(4):287–98

The pitfalls of the denominator: towards an accurate estimation of a population at risk. Bentsen BG. **Fam Pract** 1984 Jun;1(2):86–91

Health promotion approaches to occupant protection: an epidemiologic framework. Tolsma DD. **Health Educ Q** 1984 Summer;11(2):133–40

Epidemiology for nutritionists: 6. The interpretation of data. Burr ML. **Hum Nutr Appl Nutr** 1984 Oct;38(5):324–30

Epidemiology for nutritionists: 5. Some statistical aspects. Sweetnam PM. **Hum Nutr Appl Nutr** 1984 Jun;38(3):215–22

Alcoholism and drug abuse service forecasting models: a comparative discussion. Ford WE. **Int J Addict** 1985 Feb; 20(2):233–52

Studies of events. Glassner B. **Int J Addict** 1985 Feb; 20(2):337–43

A program for point and interval calculation of odds ratios and attributable risks from unmatched case-control data. Dewar RA, et al. **Int J Biomed Comput** 1985 May; 16(3–4):183–90

Uses of the case-control and cohort epidemiological approaches in cardiology practice and research. Goldberg RJ, et al. **Int J Cardiol** 1985 Apr;7(4):439–46

Methodological issues in case-control studies IV: Validity and efficiency of various analysis strategies for continuous variables using the unconditional logistic regression model. Choi BC, et al. **Int J Epidemiol** 1984 Dec;13(4):526–32

Occupational cancer: a hazard for epidemiologists. Doll R. **Int J Epidemiol** 1985 Mar;14(1):22–31

The development of matching criteria for epidemiological studies using record linkage techniques. Fett MJ. **Int J Epidemiol** 1984 Sep;13(3):351–55

Methodological issues in case-control studies. III—The effect of joint misclassification of risk factors and confounding factors upon estimation and power. Fung KY, et al. **Int J Epidemiol** 1984 Sep;13(3):366–70

Control-initiated case-control studies. Greenland S. **Int J Epidemiol** 1985 Mar;14(1):130–4

Using age, period and cohort models to estimate future mortality rates. Osmond C. **Int J Epidemiol** 1985 Mar; 14(1):124–9

Sick individuals and sick populations. Rose G. **Int J Epidemiol** 1985 Mar;14(1):32–8

The design of case-control studies: the influence of confounding and interaction effects. Smith PG, et al. **Int J Epidemiol** 1984 Sep;13(3):356–65

The impact of competing risks on relative risks in occupational cohort studies. Tsai SP, et al. **Int J Epidemiol** 1984 Dec;13(4):518–25

The contribution of epidemiology to the study of occupational cancer. Jensen OM, et al. **J Cancer Res Clin Oncol** 1984;108(3):257–63

The case-control study: valid selection of subjects. Feinstein AR. **J Chronic Dis** 1985;38(7):551–2

Assessing the reliability of epidemiologic data obtained from medical records. Horwitz RI, et al. **J Chronic Dis** 1984; 37(11):825–31

Sample size determination in case-control studies: the influence of the distribution of exposure. McKeown-Eyssen GE, et al. **J Chronic Dis** 1985; 38(7):559–68

The 'case-control' study: valid selection of subjects. Miettinen OS. **J Chronic Dis** 1985;38(7):543–48

Valid selection of subjects in case-control studies. Schlesselman JJ. **J Chronic Dis** 1985;38(7):549–50

Ideas and words: two dimensions for debates on case controlling [editorial] Spitzer WO. **J Chronic Dis** 1985; 38(7):541–2

The efficiency of matching in case-control studies of risk-factor interactions. Thomas DC, et al. **J Chronic Dis** 1985;38(7):569–74

A useless raffle. Mortagy AK, et al. **J Epidemiol Community Health** 1985 Jun;39(2):183–4

'Truth in packaging?' The unwrapping of epidemiologic research. Lanes SF, et al. **J Occup Med** 1984 Aug; 26(8):571–4

Basic problems in evaluating the relationship between stress and disease by epidemiologic studies. Yamaguchi N. **Keio J Med** 1983 Nov;32(1–2):25–33

Use of biological sample banks in epidemiological studies. Wald NJ. **Maturitas** 1985 May;7(1):59–67

How can epidemiology contribute to the planning of health services research? A discussion of the role of psychosocial and psychiatric epidemiology. Kasl SV. **Med Care** 1985 May;23(5):598–606

Uses of computer-generated maps in occupational hazard and mortality surveillance. Frazier TM, et al. **MMWR CDC Surveill Summ** 1984;33(2):27SS–32SS

Tabulation and assessment of 113 human surveillance cytogenetic studies conducted between 1965 and 1984. Ashby J, et al. **Mutat Res** 1985 Sep;154(2):111–33

Sleuthing in hospitals [editorial] Rothman KJ. **N Engl J Med** 1985 Jul 25;313(4):258–60

Self-report methods of estimating drug use: Meeting current challenges to validity. **Natl Inst Drug Abuse Res Monogr Ser** 1985;57:1–174

History of heroin prevalence estimation techniques. Brodsky MD. **Natl Inst Drug Abuse Res Monogr Ser** 1985;57:94–103

Telephone surveying for drug abuse: methodological issues and an application. Frank B. **Natl Inst Drug Abuse Res Monogr Ser** 1985;57:71–83

Validation of self-report: the research record. Harrell AV. **Natl Inst Drug Abuse Res Monogr Ser** 1985;57:12–21

Issues of validity and population coverage in student surveys of drug use. Johnston LD, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1985;57:31–54

A discussion of validity. Nurco DN. **Natl Inst Drug Abuse Res Monogr Ser** 1985;57:4–11

Dynamic simulation models: how valid are they? Shreckengost RC. **Natl Inst Drug Abuse Res Monogr Ser** 1985;57:63–70

Sampling and coverage difficulties in Canadian drug use surveys and efforts to avoid them. Smart RG. **Natl Inst Drug Abuse Res Monogr Ser** 1985;57:55–62

Comparing perinatal mortality. Hein HA, et al. **Obstet Gynecol** 1985 Sep;66(3):346–9

Uses of the case-control and cohort epidemiological approaches in pediatric practice and research. Goldberg RJ, et al. **Pediatr Res** 1985 Aug;19(8):787–90

Hazardous waste sites. Will the community call on you to assess their effect? [editorial] Stark AD, et al. **Postgrad Med** 1985 Mar;77(4):13, 16, 19

Report of the epidemiological methods workshop. Czeizel A. **Prog Clin Biol Res** 1985;163B:3–5

Field epidemiology: methodological constraints and limitations in the developing world. Ekanem EE. **Public Health** 1985 Jan;99(1):33–6

Continuous epidemiological mapping—a needed public health watchdog. Lloyd OL, et al. **Public Health** 1984 Nov; 98(6):321–6

Cancer epidemiology. Cattell A. **Radiography** 1985 Jan–Feb; 51(595):31–3

Epidemiologic designs for the study of acquired immunodeficiency disease: options and obstacles. Monto AS. **Rev Infect Dis** 1984 Sep–Oct;6(5):720–5

Statistical methodologies of dose-response relationship in epidemiology. Park CB. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:175–82

The ubiquitous 2X2 table, its parameters and their confidence limits. Ipsen J. **Scand J Soc Med** 1984;12(3):121–7

Estimating sensitivity and specificity in order to correct for misclassification [letter] Ipsen J, et al. **Scand J Soc Med** 1984;12(3):111–4

Assessing the possible extent of confounding in occupational case-referent studies. Checkoway H, et al. **Scand J Work Environ Health** 1985 Apr;11(2):131–3

A Wilcoxon-type test for trend. Cuzick J. **Stat Med** 1985 Jan–Mar;4(1):87–90

Power, sample size and smallest detectable effect determination for multivariate studies. Greenland S. **Stat Med** 1985 Apr–Jun;4(2):117–27

Note on interval estimation of the difference between proportions from correlated series. Hsieh CC. **Stat Med** 1985 Jan–Mar;4(1):23–7

Comparative analysis of two rates. Miettinen O, et al. **Stat Med** 1985 Apr–Jun;4(2):213–26

Goodness-of-fit based confidence intervals for estimates of the size of a closed population. Regal RR, et al. **Stat Med** 1984 Jul–Sep;3(3):287–91

Birth cohort analysis using irregular cross-sectional data: a technical note. Schifflers E, et al. **Stat Med** 1985 Jan–Mar; 4(1):63–75

Empirical Bayes estimation of cancer mortality rates. Tsutakawa RK, et al. **Stat Med** 1985 Apr–Jun;4(2):201–12

Canine cryptorchism and subsequent testicular neoplasia: case-control study with epidemiologic update. Hayes HM Jr, et al. **Teratology** 1985 Aug;32(1):51–6

Standardization of methods in the epidemiology of diabetes mellitus. Bennett PH. **Tohoku J Exp Med** 1983 Dec;141 Suppl:29–39

The uses of epidemiology in the study of the elderly. Report of a WHO Scientific Group on the Epidemiology of Aging. **WHO Tech Rep Ser** 1984;706:1–84 (76 ref.)

[Measurement of error and evaluation of epidemiologic data] Xue YJ. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Jun;6(3):166–9 (Eng. Abstr.) **(Chi)**

[Logistic regression model and its application to case-control studies] Yu SL, et al. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Jul; 18(4):217–22 (Eng. Abstr.) **(Chi)**

[Role of paramedical personnel in the epidemiological surveillance of the intertropical rural environment. The example of the Ivory Coast] Gateff C. **Arch Belg** 1984; 42(1–2):117–29 **(Fre)**

[Summary of consultations in a medical practice. Methods, results and problems in the interpretation of a survey carried out in Switzerland] Paccaud F, et al. **Arch Belg** 1984;42(1–2):10–25 **(Fre)**

[Role of midwives in field epidemiology] Rumeau-Rouquette C, et al. **Arch Belg** 1984;42(1–2):66–77 **(Fre)**

[A proposal for an epidemiologic indicator. Apropos of 118 cases of Kaposi's disease] Guelain J, et al. **Bull Soc Pathol Exot Filiales** 1984;77(4 Pt 2):578–88 (Eng. Abstr.) **(Fre)**

[Comparison of a cohort mortality with the mortality of a reference population. Principle, necessary number of expected deaths and the given power of the test] Hill C, et al. **Rev Epidemiol Sante Publique** 1984;32(5):330–5 (Eng. Abstr.) **(Fre)**

[Model for evaluation of occupational mortality related to asbestos (the case of the asbestos industry in France between 1950 and 1980)] Le Gales C. **Rev Epidemiol Sante Publique** 1984;32(2):122–33 (Eng. Abstr.) **(Fre)**

[The search for new risk factors in epidemiology. A few considerations] Lellouch J. **Rev Epidemiol Sante Publique** 1984;32(3–4):167–71 (Eng. Abstr.) **(Fre)**

[Generation and evaluation of etiologic hypotheses in epidemiology] Philippe P. **Soc Sci Med** 1985;20(7):681–9 (Eng. Abstr.) **(Fre)**

[Classification of epidemiologic indices of recurrent diseases in an evaluation model for the analysis of disease registers exemplified by disease status] Scholz RD, et al. **Z Gesamte Hyg** 1985 Jan;31(1):59–61 (Eng. Abstr.) **(Ger)**

[Introductory course on statistical methods in epidemiology. II] Bobbio M. **G Ital Cardiol** 1984 Nov;14(11):941–57 **(Ita)**

[Mathematico-statistical method of evaluating the effect of individual factors on the morbidity rate] Khvastunov RM. **Gig Sanit** 1984 Sep;(9):77–80 **(Rus)**

[Evaluation of different methods of studying microbial contamination of objects in the external environment] Espaev BA, et al. **Lab Delo** 1985;(4):241–3 (Eng. Abstr.) **(Rus)**

[Methodological problems of studying the prevalence of diseases in childhood] Efimova AA, et al. **Vestn Akad Med Nauk SSSR** 1985;(6):40–5 (Eng. Abstr.) **(Rus)**

[Methods of studying ecological and epidemiological aspects of a territory] Siniak KM, et al. **Vrach Delo** 1985 Feb;

(2):115-8 (Rus)

[Present and prospective tasks in epidemiology] Bakoss P, et al. **Cas Lek Cesk** 1984 Nov 2;123(44):1352-5 (Eng. Abstr.) (Slo)

[Contribution of epidemiological research to the classification of mental disorders] León CA. **Acta Psiquiatr Psicol Am Lat** 1984 Jun;30(2):89-104 (Eng. Abstr.) (Spa)

STANDARDS

Diagnosis of psychiatric disorders in epidemiologic field studies. Klerman GL. **Arch Gen Psychiatry** 1985 Jul; 42(7):723-4

EPIDEMIOLOGY

Conditions for confounding of the risk ratio and of the odds ratio. Boivin JF, et al. **Am J Epidemiol** 1985 Jan; 121(1):152-8

Use of epidemiology in medical specialties: an examination by citation analysis. Dannenberg AL. **Am J Epidemiol** 1985 Jan;121(1):140-51

Fluctuations in odds ratios due to variance differences in case-control studies. Gregorio DI, et al. **Am J Epidemiol** 1985 May;121(5):767-74

Popperian refutation in epidemiology. Maclure M. **Am J Epidemiol** 1985 Mar;121(3):343-50

The epidemiologic basis for the notification of subjects of cohort studies. Schulte PA. **Am J Epidemiol** 1985 Mar; 121(3):351-61 (42 ref.)

Another shortcut method for calculating the confidence interval of a Poisson variable (or of a standardized mortality ratio) [letter] Ury HK, et al. **Am J Epidemiol** 1985 Jul; 122(1):197-8

On the rediscovery of a distinction. Vandenbroucke JP. **Am J Epidemiol** 1985 May;121(5):627-8

Applied epidemiology. Wynder EL. **Am J Epidemiol** 1985 Jun;121(6):781-2

The contribution of epidemiology to clinical psychiatry [editorial] Shepherd M. **Am J Psychiatry** 1984 Dec; 141(12):1574-6

Psychiatric epidemiology and epidemiological psychiatry. Shepherd M. **Am J Public Health** 1985 Mar;75(3):275-6

Clinical epidemiology as a research discipline in tropical medicine. McGregor IA. **Am J Trop Med Hyg** 1985 May; 34(3):419-23

Opening address, International Epidemiological Association Regional Meeting, 1983. Chew CH. **Ann Acad Med Singapore** 1984 Apr;13(2):277-8

The scope of epidemiology [editorial] Hughes K. **Ann Acad Med Singapore** 1984 Apr;13(2):117-9

Epidemiology in occupational health [editorial] Phoon WH. **Ann Acad Med Singapore** 1984 Apr;13(2 Suppl):283-4

Improving estimates of prevalence by repeated testing. McClish D, et al. **Biometrics** 1985 Mar;41(1):81-9

Pharmacoepidemiology: a new discipline [editorial] Lawson DH. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):940-1

The primary observer. Pinsent RJ. **Ecol Dis** 1982;1(4):275-9

On social-geographic requirements addressed to medical-geographic research. Agafonov NT, et al. **Geogr Med** 1984;14:264-73

Soviet journal 'Medical Geography' and its role in the development of this branch of science. Keller AA. **Geogr Med** 1984;14:65-72

Epidemiological geography; basic principles. Keller AA. **Geogr Med** 1984;14:274-83

Relevance of epidemiology to policies for the prevention of cancer. Doll R. **Hum Toxicol** 1985 Jan;4(1):81-96 (21 ref.)

Epidemiology and the management of health service resources. **Int J Epidemiol** 1984 Sep;13(3):271-2

Epidemiology as the basis for clinical and social policy decisions [letter] Colditz GA. **Int J Epidemiol** 1985 Jun; 14(2):336-7

Epidemiology and the challenge of ageing. Davies AM. **Int J Epidemiol** 1985 Mar;14(1):9-21

Inappropriate terminology [letter] Last JM. **Int J Epidemiol** 1984 Dec;13(4):542

Ethics and epidemiological research. Waters WE. **Int J Epidemiol** 1985 Mar;14(1):48-51

Data bases, data banks and data dredging: the agony and the ecstasy. Feinleib M. **J Chronic Dis** 1984;37(9-10):783-90

Long-term funding for epidemiologic research [editorial] Siemiatycki J. **J Chronic Dis** 1985;38(3):211-2

Multiple stable recurrent outbreaks and predictability in seasonally forced nonlinear epidemic models. Schwartz IB. **J Math Biol** 1985;21(3):347-61

Epidemiological research, interest groups, and the review process. Soskolne CL. **J Public Health Policy** 1985 Jun; 6(2):173-84

The use of a microcomputer for descriptive epidemiologic research. Morton RP, et al. **J Soc Occup Med** 1985 Feb; 35(1):17-21

The application of epidemiology to the prevention of occupational cancer. Landrigan PJ, et al. **J Toxicol Clin Toxicol** 1984;22(3):209-38 (35 ref.)

Probabilities in medicine [letter] Vandenbroucke JP, et al. **Lancet** 1985 Jul 20;2(8447):158

Krupinski on epidemiology [letter] Krupinski J. **Med J Aust** 1985 Mar 18;142(6):378

Epidemiological terms [letter] Last JM. **Med J Aust** 1984 Sep 15;141(6):400

Ethics in epidemiological research [editorial] McMichael AJ. **Med J Aust** 1985 May 13;142(10):537-8

Epidemiology comes of age [editorial] White KL. **Med J Aust** 1985 Jan 21;142(2):84-6

Second binational symposium: United States-Israel. Papers on the role of epidemiology in assessment of need, program development, and resource allocation. **Public Health Rep** 1984 Sep-Oct;99(5):437-522

Application of epidemiology in community oriented primary care. Abramson JH. **Public Health Rep** 1984 Sep-Oct; 99(5):437-42

Facts, projections, and gaps concerning data on aging. Brody JA. **Public Health Rep** 1984 Sep-Oct;99(5):468-75

Epidemiology, health policy, and resource allocation: the Israeli perspective. Haber S, et al. **Public Health Rep** 1984 Sep-Oct;99(5):455-60

Assessment of physical activity in epidemiologic research: problems and prospects. LaPorte RE, et al. **Public Health Rep** 1985 Mar-Apr;100(2):131-46 (88 ref.)

Physical activity, behavioral epidemiology, and public health [editorial] Mason JO, et al. **Public Health Rep** 1985 Mar-Apr;100(2):113-5

Community-oriented primary care: epidemiology's role in the future of primary care. Mullan F. **Public Health Rep** 1984 Sep-Oct;99(5):442-5

Workshop on Epidemiologic and Public Health Aspects of Physical Activity and Exercise: a summary. Powell KE, et al. **Public Health Rep** 1985 Mar-Apr;100(2):118-26

Organization of the Second UOEH International Symposium on Epidemiology in Occupational Medicine. October 24-25,1982, the University of Occupational and Environmental Health, Japan. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:1-265

The utility and application of epidemiology for occupational physicians. Kraus J, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:227-33 (10 ref.)

Overview of occupational epidemiology: issues/dilemmas. Newill VA. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:15-28

Studies in occupational epidemiology: the case for international collaboration. Saracci R. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:207-14

Epidemiology in occupational medicine. Stallones RA. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:7-14

Epidemiology and occupational health information system. Tabershaw IR. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20; 5 Suppl:29-34

[Sir Richard Doll (interviewed by O. K. Harlem). Doll R. **Tidsskr Nor Laegeforen** 1984 Dec 20;104(35-36):2429-32

A comparison between the sciences of epidemiology and statistics based on an examination of epidemiological or statistical studies on diabetes in Japan. Iibuchi Y, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:313-8

[The grandeur and servitude of the epidemiology of microbial diseases in France] Veron M, et al. **Rev Epidemiol Sante Publique** 1984;32(6):349-51 (Fre)

[The proposed law on safeguarding of data—a threat to medical-epidemiologic research in Switzerland?] Ackermann-Liebrich U, et al. **Soz Praventivmed** 1984; 29(4-5):189 (Eng. Abstr.) (Ger)

[Implementation of the recommendations of the XVI All-Union Congress of Microbiology and Epidemiology and current goals in the field of infectious disease control in the USSR] Burgasov PN. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Jul;(7):4-16 (Rus)

[Present and prospective tasks in epidemiology] Bakoss P, et al. **Cas Lek Cesk** 1984 Nov 2;123(44):1352-5 (Eng. Abstr.) (Slo)

[Uses and perspectives of epidemiology (editorial)] Guerra de Macedo C. **Educ Med Salud** 1984;18(3):233-5 (Spa)

[Epidemiology, the basic recourse of public health] Ordóñez BR, et al. **Gac Med Mex** 1985 Mar-Apr;121(3-4):151-66 (Spa)

[Clinical epidemiology in health services research] Villarreal R, et al. **Gac Med Mex** 1983 Jul;119(7):263-73 (Spa)

[The rule of excess: a simple and useful parameter for measuring the association between exposure and disease] Villalbí JR. **Med Clin (Barc)** 1985 Mar 9;84(9):360-2 (18 ref.) (Spa)

[Epidemiology and anesthesia (editorial)] Castillo Monsegur J, et al. **Rev Esp Anestesiol Reanim** 1984 Nov-Dec; 31(6):223 (Spa)

EDUCATION

Teaching epidemiology to the medical student. Waters WE. **Ann Acad Med Singapore** 1984 Apr;13(2):272-6

Training of personnel for infection control in Germany. Thimm BM. **Infect Control** 1984 Aug;5(8):395-8

Epidemiology for medical students: a course relevant to clinical practice. Fowkes FG, et al. **Int J Epidemiol** 1984 Dec;13(4):538-41

Epidemiology for medical students: a controlled trial of three teaching methods. Gehlbach SH, et al. **Int J Epidemiol** 1985 Mar;14(1):178-81

Evaluation of a new course to teach the principles and clinical applications of epidemiology to medical students. Heller RF, et al. **Int J Epidemiol** 1984 Dec;13(4):533-7

Training in epidemiology in India: current status and needs. Sharma RS. **J Indian Med Assoc** 1984 Oct;82(10):382-4

Epidemiology for Scottish clinicians [editorial] **Lancet** 1985 Jun 1;1(8440):1256

Population studies: an integrated course in epidemiology and sociology for medical students. Elford J, et al. **Med Educ** 1985 May;19(3):208-13

Teaching medical students epidemiology: utilizing a state health department. Novick LF, et al. **Public Health Rep** 1985 Jul-Aug;100(4):401-5

[Training of field personnel in epidemiology. Round table synopsis] De Wals P. **Arch Belg** 1984;42(1-2):157-62 (Fre)

[Education in epidemiology] Pineault R, et al. **Arch Belg** 1984;42(1-2):138-51 (Fre)

[Organization and implementation of the course segment 'Public health-antiepidemic protection' within the scope of military medicine education] Furter HJ, et al. **Z Gesamte Hyg** 1985 Feb;31(2):104-8 (Eng. Abstr.) (Ger)

[Introductory course on statistical methods in epidemiology. III] Bobbio M. **G Ital Cardiol** 1984 Dec;14(12):1097-112 (Ita)

[Household interviews and teaching and research in epidemiology] Barros MB, et al. **Rev Saude Publica** 1984 Oct;18(5):411-7 (Eng. Abstr.) (Por)

[Using various forms of students' educational-research work in training hygienists and epidemiologists] Arenskiĭ VA, et al. **Gig Sanit** 1985 Apr;(4):56-8 (Rus)

[Improving the quality of training of specialists in sanitation and hygiene] Borisenko NF, et al. **Gig Sanit** 1985 Feb; (2):25-8 (Rus)

[Training of interns in hygiene and epidemiology] Pavlovskiĭ MP, et al. **Gig Sanit** 1985 Feb;(2):37-40 (Rus)

[Symposium on the teaching of epidemiology and microbiology at various medical school faculties] **Zh Mikrobiol Epidemiol Immunobiol** 1984 Jul;(7):55-75 (Rus)

[The visiting topical lecture series—an efficient form of postgraduate training of epidemiological health specialists] Val'vachev NI, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):112-4 (Rus)

HISTORY

The origins of American psychiatric epidemiology. Grob GN. **Am J Public Health** 1985 Mar;75(3):229-36

Eugenics and the Registrar General [letter] Austoker J. **Br Med J [Clin Res]** 1985 Aug 10;291(6492):407-8

Development of medico-geographical ideas in the epoch of the developed socialism and scientific and technological progress. Podolyan VY. **Geogr Med** 1984;14:284-93

John Snow, the Broad Street pump and modern epidemiology [letter] Lilienfeld AM, et al. **Int J Epidemiol** 1984 Sep;13(3):376-8

Classics in infectious diseases. On continuous molecular changes, more particularly in their relation to epidemic diseases. By John Snow (1813-1858). **Rev Infect Dis** 1985 May-Jun;7(3):441-7

Approaches to medical geography: an historical perspective. Paul BK. **Soc Sci Med** 1985;20(4):399-409

The education of a 'climatologist'. Austrian R. **Trans Am Clin Climatol Assoc** 1984;96:1-13

[The development of epidemiology and microbiology in the past 40 years (1945-1985)] Syruček L, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 May;34(3):129-33 (Cze)

[Contribution of Prof. Leon Cholewa to epidemiological research in Cracow] Jedrychowski W. **Przegl Lek** 1984; 41(7):475-6 (Pol)

[Sanitary and epidemiological services in Moscow during World War II] Iarovinskiĭ MIa. **Gig Sanit** 1985 May; (5):9-12 (Rus)

[Immortalizing the names of microbiologists, epidemiologists and infectious disease specialists] Brzheskiĭ VCh. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):118-20 (Rus)

[The Leningrad Pasteur Research Institute of Epidemiology and Microbiology during World War II] Chalka NA. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May;(5):13-9 (Rus)

[60th anniversary of the 8th All-Russian Congress of Bacteriologists, Epidemiologists and Health Officers] Vasil'ev KK. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):110-2 (Rus)

INSTRUMENTATION

Controlling urges and infections—computer system design for epidemiology. Barr RL, et al. **Infect Control** 1985 Aug; 6(8):317-22

MANPOWER

[Activities of epidemiologists and their assistants at rural regional sanitary-epidemiologic stations] Spotarenko SS, et al. **Sov Zdravookhr** 1984;(9):29-35 (Eng. Abstr.) (Rus)

TRENDS

Faith, evidence, and the epidemiologist. Stolley PD. **J Public Health Policy** 1985 Mar;6(1):37-42

The changing relationships of epidemiology and society: the Robert Cruikshank lecture. Terris M. **J Public Health Policy** 1985 Mar;6(1):15-36

Ecoepidemiology—a casuistic discipline describing ecological disturbances and damages in relation to their specific causes: exemplified by chlorinated phenols and chlorophenoxy acids. Bro-Rasmussen F, et al. **Regul Toxicol Pharmacol** 1984 Dec;4(4):391–9

[Acquired immune deficiency syndrome—update [editorial]] Bentwich Z, et al. **Harefuah** 1985 May 1;108(9):464–7 **(Heb)**

[Prospects for epidemiological research in clinical medicine] Zakirov IZ. **Akush Ginekol (Mosk)** 1985 Mar;(3):9–11 (26 ref.) **(Rus)**

[New directions in epidemiology] Torres de Galvis Y. **Educ Med Salud** 1984;18(3):238–59 (Eng. Abstr.) **(Spa)**

UTILIZATION

The uses of epidemiology [editorial] Hetzel BS. **Med J Aust** 1985 Jan 21;142(2):83–4

EPIDERMAL CYST

Solitary trichoepithelioma with prominent cystic structures. Ohkohchi K, et al. **J Dermatol (Tokyo)** 1985 Feb;12(1):91–3

ANALYSIS

[High density epidermoid. Protein and lipid analyses of cyst content—case report] Shiraishi K, et al. **Neurol Med Chir (Tokyo)** 1984 Sep;24(9):717–21 (Eng. Abstr.) **(Jpn)**

COMPLICATIONS

Molluscum contagiosum occurring in an epidermal cyst on the eyelid. Light and electron-microscopic studies with literature review. Ueyama Y, et al. **Acta Pathol Jpn** 1985 Jan;35(1):193–8

Mycosis fungoides in an epidermoid cyst. Slater DN, et al. **Histopathology** 1985 Jun;9(6):659–62

Brain abscess secondary to intracranial extradural epidermoid cyst. Kohno K, et al. **Surg Neurol** 1984 Dec;22(6):541–6

[Combination of sacrococcygeal dermoid cyst and intracranial epidermoid] Arias MJ. **Actas Luso Esp Neurol Psiquiatr** 1984 May–Jun;12(3):171–4 **(Spa)**

CONGENITAL

[Epidermoid cysts of the cerebellopontile angle. 6 cases] Fischer G, et al. **Neurochirurgie** 1984;30(6):365–72 (Eng. Abstr.) **(Fre)**

[Congenital spontaneously ruptured epidermoid cyst of the iris] Naumann GO, et al. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):284–6 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

Painful mass of the phalanx following trauma. Roquiz PM Jr, et al. **Milit Med** 1985 Mar;150(3):144–5

[An epidermal cyst (monodermal teratoma) of the testes; a rare disorder] Waterbolk TW, et al. **Ned Tijdschr Geneeskd** 1984 Aug 4;128(31):1466–8 (Eng. Abstr.) **(Dut)**

[Current diagnostic criteria for intracranial epidermoid and dermoid cysts] Auque J, et al. **Neurochirurgie** 1985; 31(1):47–50 (Eng. Abstr.) **(Fre)**

[Epidermoid cyst of the testis] Reichert HE, et al. **Urologe [Ausg A]** 1984 Nov;23(6):342–4 (Eng. Abstr.) **(Ger)**

[Clinical aspects of intracranial epidermoids and dermoids] Fried H, et al. **Zentralbl Neurochir** 1984;45(2):124–33 (Eng. Abstr.) **(Ger)**

[Primary epithelial cysts of the spleen. Preoperative diagnosis by ultrasonography] Reali E, et al. **Pediatr Med Chir** 1984 Jan–Feb;6(1):157–9 (Eng. Abstr.) **(Ita)**

DRUG THERAPY

Steatocystoma multiplex suppurativum: treatment with isotretinoin. Schwartz JL, et al. **Cutis** 1984 Aug; 34(2):149–50, 153

ETIOLOGY

Epidermal cysts of temporal fossa: an unusual complication of ear surgery. Tovi F, et al. **Ann Otol Rhinol Laryngol** 1985 Mar–Apr;94(2 Pt 1):162–4

PATHOLOGY

Eruptive vellus hair cysts. Sina B, et al. **Cutis** 1984 May; 33(5):503–4

Molluscum contagiosum occurring in an epidermoid cyst. Aloi FG, et al. **J Cutan Pathol** 1985 Apr;12(2):163–5

Scrotal calcinosis: calcification of epidermal cysts. Sarma DP, et al. **J Surg Oncol** 1984 Oct;27(2):76–9

Epidermoid cyst of testis: a report of 3 cases. Nichols J, et al. **J Urol** 1985 Feb;133(2):286–7

Malignant change in an intradiploic epidermoid: report of a case and review of the literature. Yanai Y, et al. **Neurosurgery** 1985 Feb;16(2):252–6

Pilar tumor of the scalp. Chait GE, et al. **Otolaryngol Head Neck Surg** 1985 Feb;93(1):116–9

Epidermoid tumor in the lateral ventricle. Eekhof JL, et al. **Surg Neurol** 1985 Feb;23(2):189–92

[Epidermoid cysts of the ovary] Carinelli SG, et al. **Ann Ostet Ginecol Med Perinat** 1985 Jan–Feb;106(1):43–7 (Eng. Abstr.) **(Ita)**

[Epidermoid cysts with seborrheic verruca-like walls] Pippione M, et al. **G Ital Dermatol Venereol** 1984 Nov–Dec; 119(6):427–9 (Eng. Abstr.) **(Ita)**

[Epidermoid cyst of the breast] Milanesi C, et al. **Radiol Med (Torino)** 1984 Jun;70(6):417–20 **(Ita)**

[Multiple intracranial epidermoids located in the brain stem and the middle cranial fossa. Case report] Ogawa T, et al. **Neurol Med Chir (Tokyo)** 1985 May;25(5):393–7 (Eng. Abstr.) **(Jpn)**

RADIOGRAPHY

Characteristic findings of metrizamide CT cisternography in epidermoids. Inoue H, et al. **Acta Neurochir (Wien)** 1984; 73(3–4):207–11

Giant intradiploic epidermoid cysts of the skull. Report of two cases. Constans JP, et al. **J Neurosurg** 1985 Mar; 62(3):445–8

[Isodense epidermoid cyst in the pineal region. Case report] Yamanouchi Y, et al. **Neurol Med Chir (Tokyo)** 1985 Feb; 25(2):136–42 (Eng. Abstr.) **(Jpn)**

[A case of huge diploic epidermoid of the temporal bone with intratumoral hemorrhage] Ishiguro S, et al. **No Shinkei Geka** 1985 Apr;13(4):445–9 (Eng. Abstr.) **(Jpn)**

[Cerebellopontine angle epidermoid showing a positive enhancement upon metrizamide CT cisternography] Hasegawa T, et al. **Rinsho Hoshasen** 1985 Apr; 30(4):497–500 (Eng. Abstr.) **(Jpn)**

RADIONUCLIDE IMAGING

The radionuclide scintigraphic appearance in a rare case of epidermoid cyst of the testis. Garty I, et al. **Clin Nucl Med** 1984 Oct;9(10):582–4

SURGERY

Steatocystoma multiplex: a case report. Kalus R, et al. **Ann Plast Surg** 1984 Sep;13(3):230–3

Epidermal cyst of the plantar surface. Bartolomei FJ, et al. **J Am Podiatr Med Assoc** 1985 Apr;75(4):207–10

Epidermoid cysts of the posterior fossa. Berger MS, et al. **J Neurosurg** 1985 Feb;62(2):214–9

Epidermoid cyst of the testis: a surgical approach for testicular preservation. Schlecker BA, et al. **J Urol** 1985 Apr;133(4):610–1

Epidermoid cysts, sulci, and mucosal bridges of the true vocal cord: a report of 157 cases. Bouchayer M, et al. **Laryngoscope** 1985 Sep;95(9 Pt 1):1087–94

[Epidermoid cysts of the testis: conservative treatment?] Cortellini P, et al. **Acta Biomed Ateneo Parmense** 1985; 56(1):49–55 (Eng. Abstr.) **(Ita)**

[A case of epidermoid cyst of the testis] Tojo M, et al. **Hinyokika Kiyo** 1985 Mar;31(3):517–20 (Eng. Abstr.) **(Jpn)**

[Intracranial epidermoids. Cooperative study] Soto M, et al. **Arch Neurobiol (Madr)** 1984 May–Jun;47(3):119–42 (Eng. Abstr.) **(Spa)**

ULTRASTRUCTURE

Symptomatic choroidal epithelial cyst in the fourth ventricle. Inoue T, et al. **Surg Neurol** 1985 Jul;24(1):57–62

EPIDERMAL GROWTH FACTOR-UROGASTRONE

Mass spectral analysis of murine epidermal growth factor. Hyver KJ, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1287–93

Epidermal growth factor from the mouse. Structural characterization by proton nuclear magnetic resonance and nuclear overhauser experiments at 500 MHz. Mayo KH. **Biochemistry** 1984 Aug 14;23(17):3960–73

Translation in Xenopus oocytes of messenger RNA from A431 cells for human epidermal growth factor receptor proteins. Simmen FA, et al. **DNA** 1984 Oct;3(5):393–9

Sequence similarity between epidermal growth factor precursor and atrial natriuretic factor precursor. Hayashida H, et al. **FEBS Lett** 1985 Jun 3;185(1):125–8

Similarity between the vaccinia virus 19K early protein and epidermal growth factor. Reisner AH. **Nature** 1985 Feb 28–Mar 6;313(6005):801–3

Characterization and sequence of the promoter region of the human epidermal growth factor receptor gene. Ishii S, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4920–4

Vaccinia virus-infected cells release a novel polypeptide functionally related to transforming and epidermal growth factors. Twardzik DR, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5300–4

ANALOGS & DERIVATIVES

EGF-ricin A conjugates: kinetic profiles of cytotoxic effects and resistant cell variants. Shimizu N, et al. **Cell Struct Funct** 1984 Sep;9(3):203–12

Development of a radioimmunoassay for urogastrone in human urine using a synthetic fragment as antigen. Mably ER, et al. **Proc West Pharmacol Soc** 1984;27:273–6

ANALYSIS

Mitogenic activity and epidermal growth factor content in human milk. Jansson L, et al. **Acta Paediatr Scand** 1985 Mar;74(2):250–3

Chemical characterization of the two forms of epidermal growth factor in murine saliva. Petrides PE, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):218–28

A sensitive two-site enzyme immunoassay for human epidermal growth factor (urogastrone). Hayashi K, et al. **Biochem Int** 1985 Jun;10(6):839–45

Production and properties of a monoclonal antibody against human epidermal growth factor. Ikuta S, et al. **Biochem Int** 1985 Feb;10(2):251–8

Epidermal growth factor receptors in different skin tumors. Bauknecht T, et al. **Dermatologica** 1985;171(1):16–20

Detection of endogenous epidermal growth factor-like activity in the developing chick embryo. Mesiano S, et al. **Dev Biol** 1985 Jul;110(1):23–8

Intrauterine proximity to male fetuses predetermines level of epidermal growth factor in submandibular glands of adult female mice. Brown MJ, et al. **Endocrinology** 1984 Dec;115(6):2318–23

Beta-epidermal growth factor is the des-asparaginyl form of the polypeptide. DiAugustine RP, et al. **J Biol Chem** 1985 Mar 10;260(5):2807–11

Macroscale high-performance liquid chromatographic separation and instrumental identification of components of diethylaminoethyl murine epidermal growth factor. O'Keefe JH, et al. **J Chromatogr** 1984 Dec 7;336(1):73–85

Reversed-phase high-performance liquid chromatography of mouse epidermal growth factor and its congeners: mobile phase optimization with ion-pairing additives. Smith JA, et al. **J Chromatogr** 1984 Sep 7;299(1):13–28

Immunocytochemical localization of human epidermal growth factor/urogastrone in several human tissues. Kasselberg AG, et al. **J Histochem Cytochem** 1985 Apr; 33(4):315–22

Homologous radioimmunoassay for epidermal growth factor in human saliva. Dagogo-Jack S, et al. **J Immunoassay** 1985;6(1–2):125–36

Epidermal growth factor in mouse milk during early lactation: lack of dependency on submandibular glands. Grueters A, et al. **Pediatr Res** 1985 Aug;19(8):853–6

[EGF receptors in human breast cancer. Relation to hormonal receptors] Peyrat JP, et al. **Ann Endocrinol (Paris)** 1984;45(6):412–3 (Eng. Abstr.) **(Fre)**

[Epidermal growth factor: structure, location, phosphorylation and regulation of its receptor] St-Arnaud R, et al. **Biochimie** 1984 Jul–Aug;66(7–8):515–30 (311 ref.) (Eng. Abstr.) **(Fre)**

[Computer analysis of internal homology in the precursor of epidermal growth factor: detection of coerphins—a second independent family of homologous peptides] Pozdniakov VI, et al. **Dokl Akad Nauk SSSR** 1985 May–Jun;282(1):215–20 **(Rus)**

ANTAGONISTS & INHIBITORS

Further characterization of the inhibition of casein production in a primary mouse mammary epithelial cell culture by epidermal growth factor. Antagonism by cyclic AMP. Arakawa M, et al. **Exp Cell Res** 1985 May; 158(1):111–8

BIOSYNTHESIS

Stimulation of growth factor production in cultured cells by biotin. Moskowitz M, et al. **Ann NY Acad Sci** 1985; 447:212–21

Mouse prepro-epidermal growth factor synthesis by the kidney and other tissues. Rall LB, et al. **Nature** 1985 Jan 17–23;313(5999):228–31

Epidermal growth factor precursor is related to the translation product of the Moloney sarcoma virus oncogene mos. Baldwin GS. **Proc Natl Acad Sci USA** 1985 Apr; 82(7):1921–5

Cell-free synthesis of rat epidermal growth factor-like polypeptide. Majumdar AP, et al. **Res Commun Chem Pathol Pharmacol** 1984 Oct; 46(1):103–11

BLOOD

Hormonal modulation of mouse plasma concentration of epidermal growth factor. Perheentupa J, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):571–6

Epidermal growth factor measurements in mouse plasma: method, ontogeny, and sex difference. Perheentupa J, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):E391–6

Concentrations of serum human epidermal growth factor (hEGF) in patients with hyper- and hypothyroidism. Uchihashi M, et al. **Horm Metab Res** 1984 Dec;16(12):676

CHEMICAL SYNTHESIS

Studies on peptides. CXXVI. Synthesis of the protected tetracosapeptide corresponding to positions 30–53 of mouse epidermal growth factor (EGF). Akaji K, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):173–83

Studies on peptides. CXXVII. Synthesis of a tripentacontapeptide with epidermal growth factor activity. Akaji K, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan; 33(1):184–201

GENETICS

Regions of complementarity between the messenger RNAs for epidermal growth factor, transferrin, interleukin-2 and their respective receptors. Bost KL, et al.

Biochem Biophys Res Commun 1985 May 16;128(3):1373-80

Chemical synthesis and cloning of a poly(arginine)-coding gene fragment designed to aid polypeptide purification. Smith JC, et al. **Gene** 1984 Dec;32(3):321-7

Expression in Bacillus subtilis of the gene for human urogastrone using synthetic ribosome binding sites. Flock JI, et al. **MGG** 1984;195(1-2):246-51

Vaccinia virus encodes a polypeptide homologous to epidermal growth factor and transforming growth factor. Brown JP, et al. **Nature** 1985 Feb 7-13;313(6002):491-2

Chromosomal locations of the human and mouse genes for precursors of epidermal growth factor and the beta subunit of nerve growth factor. Zabel BU, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):469-73

Cassette of eight exons shared by genes for LDL receptor and EGF precursor. Südhof TC, et al. **Science** 1985 May 17;228(4701):893-5

Expression of the receptor for epidermal growth factor correlates with increased dosage of chromosome 7 in malignant melanoma. Koprowski H, et al. **Somatic Cell Mol Genet** 1985 May;11(3):297-302

ISOLATION & PURIFICATION

Heterogeneity of 125I-labeled epidermal growth factor. Matrisian LM, et al. **Biochim Biophys Acta** 1985 Apr 17; 839(2):139-46

Isolation and characterization of epidermal growth factor from human milk. Petrides PE, et al. **FEBS Lett** 1985 Jul 22;187(1):89-95

Isolation of the epidermal growth factor from the shrew submaxillary gland. Yip TT, et al. **FEBS Lett** 1985 Aug 5;187(2):345-8

Single-step monoclonal antibody affinity purification of human urogastrone from urine. Hissey PH, et al. **J Immunol Methods** 1985 Apr 22;78(2):211-6

METABOLISM

Acquisition of urine, kidney and submandibular gland epidermal growth factor responsiveness to thyroxine administration in neonatal mice. Lakshmanan J, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):511-6

Phorbol ester-induced threonine phosphorylation of the human epidermal growth factor receptor occurs within the EGF binding domain. Chinkers M, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):618-25

The role of binding ligand in toxic hybrid proteins: a comparison of EGF-ricin, EGF-ricin A-chain, and ricin. Herschman HR. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):551-7

Monensin, like methylamine, prevents degradation of 125I-epidermal growth factor, causes intracellular accumulation of receptors and blocks the mitogenic response. King AC. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):585-91

Intracellular Ca2+ and phorbol esters synergistically inhibit internalization of epidermal growth factor in pancreatic acini. Logsdon CD, et al. **Biochem J** 1984 Nov 1; 223(3):893-900

Epidermal growth factor receptors in human breast cancer. Pérez R, et al. **Breast Cancer Res Treat** 1984;4(3):189-93

Kinetics of transit of transferrin and epidermal growth factor through clathrin-coated membranes. Hanover JA, et al. **Cell** 1984 Dec;39(2 Pt 1):283-93

The Drosophila EGF receptor gene homolog: conservation of both hormone binding and kinase domains. Livneh E, et al. **Cell** 1985 Mar;40(3):599-607

Transmembrane delivery of polypeptide growth factors bypassing the intrinsic cell surface receptors: synthesis and biological activity of a conjugate of epidermal growth factor with alpha 2-macroglobulin. Ito F, et al. **Cell Struct Funct** 1984 Jun;9(2):105-15

Epidermal growth factor does not cross the blood-brain barrier. Nave KA, et al. **Cell Tissue Res** 1985;241(2):453-7

Visualization of epidermal growth factor receptor in cryosections of cultured A431 cells by immuno-gold labeling. Boonstra J, et al. **Eur J Cell Biol** 1985 Mar; 36(2):209-16

Modelling the ATP-binding site of oncogene products, the epidermal growth factor receptor and related proteins. Sternberg MJ, et al. **FEBS Lett** 1984 Oct 1;175(2):387-92

The effect of concentration on hepatic transport of exogenous epidermal growth factor. Burwen SJ, et al. **Hepatology** 1985 Mar-Apr;5(2):211-4

A monoclonal antibody which inhibits epidermal growth factor binding has opposite effects on the biological action of epidermal growth factor in different cells. Chandler LP, et al. **J Biol Chem** 1985 Mar 25;260(6):3360-7

Diacylglycerol modulates binding and phosphorylation of the epidermal growth factor receptor. McCaffrey PG, et al. **J Biol Chem** 1984 Oct 25;259(20):12502-7

Glycosylation of the epidermal growth factor receptor in A-431 cells. The contribution of carbohydrate to receptor function. Soderquist AM, et al. **J Biol Chem** 1984 Oct 25; 259(20):12586-94

Immunoaffinity purification of the epidermal growth factor receptor. Stoichiometry of binding and kinetics of self-phosphorylation. Weber W, et al. **J Biol Chem** 1984 Dec 10;259(23):14631-6

Intracellular processing of epidermal growth factor and its effect on ligand-receptor interactions. Wiley HS, et al. **J Biol Chem** 1985 May 10;260(9):5290-5

Dimethyl sulfoxide decreases specific EGF binding. Earp HS, et al. **J Cell Biochem** 1984;26(4):221-30

Protamine inhibits platelet derived growth factor receptor activity but not epidermal growth factor activity. Huang JS, et al. **J Cell Biochem** 1984;26(4):205-20

Transport of epidermal growth factor by rat liver: evidence for a nonlysosomal pathway. Burwen SJ, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1259-65

Proliferation of a human embryonal carcinoma-derived cell line in serum-free medium: inter-relationship between growth factor requirements and membrane receptor expression. Engström W, et al. **J Cell Sci** 1985 Feb; 73:361-73

Elevated epidermal growth factor receptor gene copy number and expression in a squamous carcinoma cell line. Merlino GT, et al. **J Clin Invest** 1985 Mar;75(3):1077-9

Changes in epidermal growth factor concentrations of submandibular gland, plasma and urine of normal and sialoadenectomized female mice during various reproductive stages. Kurachi H, et al. **J Endocrinol** 1985 Aug;106(2):197-202

Differences in human skin between the epidermal growth factor receptor distribution detected by EGF binding and monoclonal antibody recognition. Green MR, et al. **J Invest Dermatol** 1985 Sep;85(3):239-45

Comparison of epidermal growth factor binding and receptor distribution in normal human epidermis and epidermal appendages. Nanney LB, et al. **J Invest Dermatol** 1984 Nov; 83(5):385-93

Immunohistochemical observation of EGF and NGF in submandibular glands after duct ligation with or without testosterone administration. Takai Y, et al. **J Oral Pathol** 1985 Apr;14(4):322-31

Absence of down-regulation of insulin receptors in human breast cancer cells (MCF-7) cultured in serum-free medium: comparison with epidermal growth factor. Hwang DL, et al. **J Recept Res** 1985;5(1):27-43

Binding and processing of epidermal growth factor in Panc-I human pancreatic carcinoma cells. Korc M, et al. **Life Sci** 1985 May 13;36(19):1849-55

Epidermal growth factor binding is altered in pancreatic acini from diabetic rats. Korc M, et al. **Life Sci** 1984 Nov 12; 35(20):2049-55

Binding assays for epidermal growth factor. Carpenter G. **Methods Enzymol** 1985;109:101-10

Binding characteristics of epidermal growth factor receptors in male and female rat liver cell membrane preparations. Benveniste R, et al. **Mol Cell Endocrinol** 1985 Jul; 41(2-3):147-51

Inhibition by estradiol of binding and mitogenic effect of epidermal growth factor in primary cultures of Xenopus hepatocytes. Wolffe AP, et al. **Mol Cell Endocrinol** 1985 May;40(2-3):167-73

Epidermal growth factor binding to neonatal mouse skin explants and membrane preparations--effect of triiodothyronine. Hoath SB, et al. **Pediatr Res** 1985 Mar; 19(3):277-81

Epidermal growth factor in mouse ocular tissue: effects of thyroxine and exogenous epidermal growth factor. Lakshmanan J, et al. **Pediatr Res** 1985 Mar;19(3):315-9

Urine and kidney epidermal growth factor: ontogeny and sex difference in the mouse. Perheentupa J, et al. **Pediatr Res** 1985 May;19(5):428-32

Peptide binding to intestinal epithelium: distinct sites for insulin, EGF and VIP. Zimmerman TW, et al. **Peptides (Fayetteville)** 1985 Mar-Apr;6(2):229-35

Role of protein kinase C in diacylglycerol-mediated induction of ornithine decarboxylase and reduction of epidermal growth factor binding. Jetten AM, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1941-5

Recycling of epidermal growth factor in a human pancreatic carcinoma cell line. Korc M, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6172-5

Effects of in vivo-administered 2,3,7,8-tetrachlorodibenzo-p-dioxin on receptor binding of epidermal growth factor in the hepatic plasma membrane of rat, guinea pig, mouse, and hamster. Madhukar BV, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7407-11

Receptor-mediated endocytosis of epidermal growth factor by hepatocytes in the perfused rat liver. Dunn WA, et al. **Prog Clin Biol Res** 1985;180:461-2

[The effect of calcium antagonists on intracellular transport of epidermal growth factor and the conjugate of epidermal growth factor with pseudomonas exotoxin] Akiyama S. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):660-8 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

Epidermal growth factor stimulates secretion of rat pituitary luteinizing hormone in vitro. Miyake A, et al. **Acta Endocrinol (Copenh)** 1985 Feb;108(2):175-8

Quantitative aspects of the effects of insulin, epidermal growth factor and dexamethasone on DNA synthesis in cultured adult rat hepatocytes. Sand TE, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):369-77

Modulation of type-IV procollagen and laminin production in A431 human squamous epidermoid carcinoma cells by 12-O-tetradecanoylphorbol-13-acetate (TPA) and epidermal growth factor (EGF). Panneerselvam M, et al. **Arch Dermatol Res** 1985;277(5):377-83

Synergistic influence of polypeptide growth factors on cultured human muscle. Askanas V, et al. **Arch Neurol** 1985 Aug;42(8):749-52

MDA-468, a human breast cancer cell line with a high number of epidermal growth factor (EGF) receptors, has an amplified EGF receptor gene and is growth inhibited by EGF. Filmus J, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):898-905

Effect of epidermal growth factor on synthesis of prostaglandins and cyclic AMP by embryonic palate mesenchymal cells. Greene RM, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1037-43

Epidermal growth factor stimulates diacylglycerol kinase in isolated plasma membrane vesicles from A431 cells. Kato M, et al. **Biochem Biophys Res Commun** 1985 Jun 14; 129(2):375-80

Epidermal growth factor inhibits growth while increasing the expression of an ecto-Ca2+-ATPase of a human hepatoma cell line. Knowles AF, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):8-14

Stimulation of Na+/H+ antiport activity by epidermal growth factor and insulin occurs without activation of protein kinase C. Vara F, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):646-53

Hormonal induction of specific protein synthesis in murine Leydig tumor cells. Melner MH, et al. **Biochem Int** 1985 May;10(5):763-70

Fetal calf serum and epidermal growth factor prevent the inhibitory action of a chalone-like growth inhibitor for Ehrlich ascites mammary carcinoma cells in vitro. Lehmann W, et al. **Biomed Biochim Acta** 1984;43(7):971-4

Somatomedin-like activity from cultured embryo-derived cells: partial characterization and stimulation of production by epidermal growth factor (urogastrone). Atkison PR, et al. **Can J Biochem Cell Biol** 1984 Dec;62(12):1335-42

Production of somatomedin-like activity by human adult tumor-derived, transformed, and normal cell cultures and by cultured rat hepatocytes: effects of culture conditions and of epidermal growth factor (urogastrone). Atkison PR, et al. **Can J Biochem Cell Biol** 1984 Dec;62(12):1343-50

Use of agarose culture to measure the effect of transforming growth factor beta and epidermal growth factor on rabbit articular chondrocytes. Skantze KA, et al. **Cancer Res** 1985 Sep;45(9):4416-21

Gradation of carcinogen-induced capacity for anchorage-independent growth in cultured rat liver epithelial cells. Tsao MS, et al. **Cancer Res** 1985 Sep; 45(9):4428-32

New functions of epidermal growth factor: stimulation of capillary endothelial cell migration and matrix dependent proliferation. McAuslan BR, et al. **Cell Biol Int Rep** 1985 Feb;9(2):175-82

Epidermal and nerve growth factors manifest antilipolytic and lipogenic activities in isolated rat adipocytes. Ng TB, et al. **Comp Biochem Physiol [B]** 1985;81(3):687-9

Influence of epidermal growth factor and cyclic AMP on growth and differentiation of palatal epithelial cells in culture. Grove RI, et al. **Dev Biol** 1984 Dec;106(2):427-37

Epidermal growth factor inhibits morphogenesis and cell differentiation in cultured mouse embryonic teeth. Partanen AM, et al. **Dev Biol** 1985 Sep;111(1):84-94

Epidermal growth factor stimulates type-V collagen synthesis in cultured murine palatal shelves. Silver MH, et al. **Differentiation** 1984;27(3):205-8

Effect of epidermal growth factor/urogastrone on glycosaminoglycan synthesis and accumulation in vitro in the developing mouse palate. Turley EA, et al. **Differentiation** 1985;28(3):279-85

Stimulation and inhibition of growth by EGF in different A431 cell clones is accompanied by the rapid induction of c-fos and c-myc proto-oncogenes. Bravo R, et al. **EMBO J** 1985 May;4(5):1193-7

Epidermal growth factor and oncogenes induce transcription of the same cellular mRNA in rat fibroblasts. Matrisian LM, et al. **EMBO J** 1985 Jun;4(6):1435-40

Epidermal growth factor induces maturation of rat follicle-enclosed oocytes. Dekel N, et al. **Endocrinology** 1985 Jan;116(1):406-9

Effect of epidermal growth factor on the development of rat gastric mucosa. Dembinski AB, et al. **Endocrinology** 1985 Jan;116(1):90-4

Effects of epidermal growth factor, phorbol myristate acetate, and arachidonic acid on choriogonadotropin secretion by cultured human choriocarcinoma cells. Ilekis J, et al. **Endocrinology** 1985 Jun;116(6):2400-9

Stimulation of mammary epithelial cell growth in vitro: interaction of epidermal growth factor and mammogenic hormones. Imagawa W, et al. **Endocrinology** 1985 Apr; 116(4):1514-24

Hormonal regulation of somatomedin secretion by fetal rat hepatocytes in primary culture. Richman RA, et al. **Endocrinology** 1985 Jan;116(1):180-8

Epidermal growth factor enhances guanylate cyclase activity in vivo and in vitro. Scheving LA, et al. **Endocrinology** 1985 Jan;116(1):332-6

Regulation of protein breakdown by epidermal growth factor in A431 cells. Ballard FJ. **Exp Cell Res** 1985 Mar; 157(1):172-80

Early stimulation of ATP turnover induced by growth factors. Synergistic effect of EGF and insulin and correlation with DNA synthesis. Talha S, et al. **Exp Cell Res** 1985 Jun;158(2):311-20

Effect of growth factors with dexamethasone on healing of rabbit corneal stromal incisions. Woost PG, et al.

Exp Eye Res 1985 Jan;40(1):47–60

Epidermal growth factor stimulated protein kinase shows similar activity in liver of senescent and adult mice. Finocchiaro L, et al. **FEBS Lett** 1985 Jul 22;187(1):96–100

Both insulin and epidermal growth factor stimulate fatty acid synthesis and increase phosphorylation of acetyl-CoA carboxylase and ATP-citrate lyase in isolated hepatocytes. Holland R, et al. **FEBS Lett** 1985 Feb 25;181(2):308–12

Protease-activated kinase II as the mediator of epidermal growth factor-stimulated phosphorylation of ribosomal protein S6. Perisic O, et al. **FEBS Lett** 1985 Apr 22; 183(2):215–8

Effects of epidermal growth factor on acid secretion from guinea pig gastric mucosa: in vitro analysis. Finke U, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1175–82

Effects of platelet-derived growth factor and epidermal growth factor on antigen-induced proliferation of human T-cell lines. Acres RB, et al. **Immunology** 1985 Jan; 54(1):9–16

Extracellular matrix (ECM) modulates the EGF-induced migration of liver epithelial cells in serum-free, hormone-supplemented medium. Bade EG, et al. **In Vitro Cell Dev Biol** 1985 Apr;21(4):245–8

Proline is required for the stimulation of DNA synthesis in hepatocyte cultures by EGF. Houck KA, et al. **In Vitro Cell Dev Biol** 1985 Feb;21(2):121–4

The modulation of growth of normal rat liver epithelial cells in calcium-poor medium by epidermal growth factor, phenobarbital, phorbol ester, and retinoic acid. Tsao MS, et al. **In Vitro Cell Dev Biol** 1985 May;21(5):249–53

Induction of collagenase secretion in human fibroblast cultures by growth promoting factors. Chua CC, et al. **J Biol Chem** 1985 May 10;260(9):5213–6

Epidermal growth factor-mediated activation of an S6 kinase in Swiss mouse 3T3 cells. Novak-Hofer I, et al. **J Biol Chem** 1985 Aug 25;260(18):10314–9

Epidermal growth factor stimulates the phosphorylation of the calcium-dependent 35,000-dalton substrate in intact A-431 cells. Sawyer ST, et al. **J Biol Chem** 1985 Jul 15; 260(14):8233–6

Insulin and epidermal growth factor do not affect phosphoinositide metabolism in rat liver plasma membranes and hepatocytes. Taylor D, et al. **J Biol Chem** 1985 Feb 25;260(4):2011–4

Interaction of epidermal growth factor with initiators and complete carcinogens in the C3H10T1/2 cell culture system. Herschman HR, et al. **J Cell Biochem** 1985; 28(1):1–6

Nerve growth factor- and epidermal growth factor-stimulated phosphorylation of a PC12 cytoskeletally associated protein in situ. Landreth GE, et al. **J Cell Biol** 1985 Mar;100(3):677–83

Stimulation of bumetanide-sensitive K+ transport in Swiss 3T3 fibroblasts by serum and mitogenic hormones. Amsler K, et al. **J Cell Physiol** 1985 May;123(2):257–63

Differential responsiveness of cultured suckling and adult rat hepatocytes to growth-promoting factors: entry into S phase and mitosis. Baribault H, et al. **J Cell Physiol** 1985 Jan;122(1):105–12

Dexamethasone and retinyl acetate similarly inhibit and stimulate EGF- or insulin-induced proliferation of prostatic epithelium. Chaproniere DM, et al. **J Cell Physiol** 1985 Feb;122(2):249–53

EGF induces receptor down-regulation with no receptor recycling in KB cells. Lyall RM, et al. **J Cell Physiol** 1985 Jan;122(1):166–70

The effect of transport system A and N amino acids and of nerve and epidermal growth factors on the induction of ornithine decarboxylase activity. Rinehart CA Jr, et al. **J Cell Physiol** 1985 Jun;123(3):435–41

Cell-cycle-specific induction of quiescence achieved by limited inhibition of protein synthesis: counteractive effect of addition of purified growth factors. Larsson O, et al. **J Cell Sci** 1985 Feb;73:375–87

Acquisition of a limited lifespan by differentiating cells derived from PC13 embryonal carcinoma cells. Rayner MJ, et al. **J Cell Sci** 1984 Dec;72:227–40

Epidermal growth factor, a vascular smooth muscle mitogen, induces rat aortic contraction. Berk BC, et al. **J Clin Invest** 1985 Mar;75(3):1083–6

Effects of mouse and human epidermal growth factor on the outgrowing epidermis of pig and human skin explants. Aoyagi T, et al. **J Dermatol (Tokyo)** 1984 Dec;11(6):519–22

Effect of epidermal growth factor on glucosamine-6-phosphate synthetase activity in the colon of neonatal mice. Hiramatsu M, et al. **J Endocrinol** 1985 May;105(2):197–200

Immunocytochemical study of collagen in epidermal growth factor (EGF)-treated osteoblastic cells. Osaki Y, et al. **J Histochem Cytochem** 1984 Nov;32(11):1231–3

Epidermal hyperplasia and wool follicle regression in sheep infused with epidermal growth factor. Moore GP, et al. **J Invest Dermatol** 1985 Mar;84(3):172–5

Restoration of prostacyclin synthase in vascular smooth muscle cells after aspirin treatment: regulation by epidermal growth factor. Bailey JM, et al. **J Lipid Res** 1985 Jan; 26(1):54–61

Influence of epidermal growth factor on the maturation of the fetal mouse duodenum in organ culture. Beaulieu JF, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):476–81

Effects of epidermal growth factor and 12-O-tetradecanoylphorbol-13-acetate on metabolism of the epidermal growth factor receptor in normal human fibroblasts. Decker SJ. **Mol Cell Biol** 1984 Sep;4(9):1718–24

The effects of growth factors and serum on DNA synthesis and differentiation in thyroid cells in culture. Eggo MC, et al. **Mol Cell Endocrinol** 1984 Dec;38(2–3):141–50

Different responses to EGF in two human carcinoma cell lines, A431 and UCVA-1, possessing high numbers of EGF receptors. Gamou S, et al. **Mol Cell Endocrinol** 1984 Sep; 37(2):205–13

Epidermal growth factor or serum stimulation of rat fibroblasts induces an elevation in mRNA levels for lactate dehydrogenase and other glycolytic enzymes. Matrisian LM, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):711–26

Effects of epidermal growth factor on deoxyribonucleic acid synthesis and stomach weight in hypophysectomized adult mice. Scheving LA, et al. **Peptides (Fayetteville)** 1984 Sep–Oct;5(5):945–51

Heparin-treated, v-myc-transformed chicken heart mesenchymal cells assume a normal morphology but are hypersensitive to epidermal growth factor (EGF) and brain fibroblast growth factor (bFGF); cells transformed by the v-Ha-ras oncogene are refractory to EGF and bFGF but are hypersensitive to insulin-like growth factors. Balk SD, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5781–5

Inhibition of epidermal growth factor-induced mitogenesis by amiloride and an analog: evidence against a requirement for Na+/H+ exchange. Besterman JM, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6762–6

Stimulation of glycolysis and amino acid uptake in NRK-49F cells by transforming growth factor beta and epidermal growth factor. Boerner P, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1350–3

Epidermal growth factor stimulates glycogen synthase activity in cultured cells. Chan CP, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4563–7

Specific stimulation of actin gene transcription by epidermal growth factor and cycloheximide. Elder PK, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7476–80

Epidermal growth factor rapidly induces a redistribution of transferrin receptor pools in human fibroblasts. Wiley HS, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7456–60

Stimulation of arachidonic acid metabolism in primary cultures of osteoblast-like cells by hormones and drugs. Feyen JH, et al. **Prostaglandins** 1984 Dec;28(6):769–81

Potentiation of 1,2-dimethylhydrazine-induced anal carcinoma by epidermal growth factor in mice. Kingsnorth AN, et al. **Surgery** 1985 Jun;97(6):696–700

[Epidermal growth factor-urogastrone] Zhang JF, et al. **Sheng Li Ko Hsueh Chin Chan** 1984 Apr;15(2):151–6 **(Chi)**

[Adult human liver cells grown in a culture media containing a transforming factor similar to epidermal growth factor] Actis GC, et al. **Recenti Prog Med** 1985 Mar;76(3):125–9 (Eng. Abstr.) **(Ita)**

[Effect of human EGF and plasma fibronectin on corneal epithelial regeneration] Kawaba T, et al. **Nippon Ganka Gakkai Zasshi** 1984 Sep;88(9):1237–49 (Eng. Abstr.) **(Jpn)**

[Fibronectin production in cultured rabbit cornea—effects of mouse epidermal growth factor and cAMP analogs] Nishida T, et al. **Nippon Ganka Gakkai Zasshi** 1984 Aug; 88(8):1142–6 (Eng. Abstr.) **(Jpn)**

[Flow cytometric analysis of hepatocellular regeneration after partial hepatectomy and administration of hepatotrophic factors] Sato N. **Nippon Geka Gakkai Zasshi** 1984 Aug;85(8):799–810 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Protein-tyrosine kinases. Hunter T, et al. **Annu Rev Biochem** 1985;54:897–930 (239 ref.)

Role of glucocorticoids and epidermal growth factor in normal and abnormal palatal development. Pratt RM, et al. **Curr Top Dev Biol** 1984;19:81–101 (112 ref.)

Differential effects of lysosomotropic amines and polyamines on processing and biological activity of EGF. Widelitz RB, et al. **Exp Cell Res** 1984 Nov;155(1):163–70

Modulation of type alpha transforming growth factor receptors by a phorbol ester tumor promoter. Davis R, et al. **J Cell Biochem** 1985;27(1):23–30

Epidermal growth factor stimulates tyrosine phosphorylation of pig epidermal fibrous keratin. Aoyagi T, et al. **J Invest Dermatol** 1985 Feb;84(2):118–21

Epidermal growth factor stimulates release of arachidonic acid in pig epidermis. Aoyagi T, et al. **J Invest Dermatol** 1985 Mar;84(3):168–71

What does epidermal growth factor do and how does it do it? King LE Jr. **J Invest Dermatol** 1985 Mar;84(3):165–7

Phenotypic expression in Donohue syndrome (leprechaunism): a role for epidermal growth factor. Frindik JP, et al. **J Pediatr** 1985 Sep;107(3):428–30

Postnatal undernutrition: effect of epidermal growth factor on growth and function of the gastrointestinal tract in rats. Majumdar AP. **J Pediatr Gastroenterol Nutr** 1984 Sep; 3(4):618–25

42,000-molecular weight EGF receptor has protein kinase activity. Basu M, et al. **Nature** 1984 Oct 4–10; 311(5985):477–80

Autophosphorylation sites on the epidermal growth factor receptor. Downward J, et al. **Nature** 1984 Oct 4–10; 311(5985):483–5

Protein kinase C phosphorylation of the EGF receptor at a threonine residue close to the cytoplasmic face of the plasma membrane. Hunter T, et al. **Nature** 1984 Oct 4–10; 311(5985):480–3

The epidermal growth factor receptor gene and its product [news] Hunter T. **Nature** 1984 Oct 4–10;311(5985):414–6

Epidermal growth factor. Is the precursor a receptor? [news] Pfeffer S, et al. **Nature** 1985 Jan 17–23;313(5999):184

Evidence for the involvement of the submandibular gland epidermal growth factor in mouse mammary tumorigenesis. Kurachi H, et al. **Proc Natl Acad Sci USA** 1985 Sep; 82(17):5940–3

Evidence for physiological function of epidermal growth factor: pregestational sialoadenectomy of mice decreases milk production and increases offspring mortality during lactation period. Okamoto S, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6059–63

SECRETION

Effect of vasoactive intestinal polypeptide and somatostatin on secretion of epidermal growth factor and bicarbonate from Brunner's glands. Kirkegaard P, et al. **Gut** 1984 Nov; 25(11):1225–9

Adrenergic effects on secretion of epidermal growth factor from Brunner's glands. Olsen PS, et al. **Gut** 1985 Sep; 26(9):920–7

Adrenergic effects on exocrine secretion of rat submandibular epidermal growth factor. Olsen PS, et al. **Gut** 1984 Nov; 25(11):1234–40

Exocrine and endocrine secretion of renin and epidermal growth factor from the mouse submandibular glands. Nexø E, et al. **Regul Pept** 1984 Jul;8(4):327–34

Adrenergic effects on renal secretion of epidermal growth factor in the rat. Skov Olsen P, et al. **Regul Pept** 1985 May;11(1):17–25

THERAPEUTIC USE

The effect of epidermal growth factor on epithelial healing after penetrating keratoplasty in human eyes. Kandarakis AS, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):411–5

Cytoprotective effect of pentagastrin and epidermal growth factor on stress ulcer formation. Possible role of somatostatin. Sakamoto T, et al. **Ann Surg** 1985 Mar; 201(3):290–5

Biosynthetic human EGF accelerates healing of Neodecadron-treated primate corneas. Brightwell JR, et al. **Invest Ophthalmol Vis Sci** 1985 Jan;26(1):105–10

TOXICITY

Evidence that the penton base of adenovirus is involved in potentiation of toxicity of Pseudomonas exotoxin conjugated to epidermal growth factor. Seth P, et al. **Mol Cell Biol** 1984 Aug;4(8):1528–33

URINE

Epidermal growth factor in mouse urine: non-blood origin, and increase by sialoadenectomy and T4 therapy. Perheentupa J, et al. **Acta Endocrinol (Copenh)** 1985 Mar; 108(3):428–32

Purification and characterization of epidermal growth factor (beta-urogastrone) and epidermal growth factor fragments from large volumes of human urine. Mount CD, et al. **Arch Biochem Biophys** 1985 Jul;240(1):33–42

Comparison of growth factors functionally related to epidermal growth factor in the urine of normal and human tumor-bearing athymic mice. Twardzik DR, et al. **Cancer Res** 1985 May;45(5):1934–9

Epidermal growth factor in neonatal mouse urine: maturative effect of thyroxine. Perheentupa J, et al. **Pediatr Res** 1984 Nov;18(11):1080–4

Development of a radioimmunoassay for urogastrone in human urine using a synthetic fragment as antigen. Mably ER, et al. **Proc West Pharmacol Soc** 1984;27:273–6

Renal origin of rat urinary epidermal growth factor. Skov Olsen P, et al. **Regul Pept** 1984 Dec;10(1):37–45

EPIDERMAL NECROLYSIS, TOXIC

BLOOD

Lymphopenia and abnormal balance of T-lymphocyte subpopulations in toxic epidermal necrolysis. Roujeau JC, et al. **Arch Dermatol Res** 1985;277(1):24–7

CHEMICALLY INDUCED

Ampicillin induced acute interstitial nephritis and Lyell's syndrome. Robbens EJ, et al. **Acta Clin Belg** 1985; 40(2):115–7

Toxic epidermal necrolysis [letter] Vermeer BJ, et al. **Arch Dermatol** 1985 Jun;121(6):715–6

Asymptomatic hyperuricaemia and allopurinol induced toxic epidermal necrolysis. Auböck J, et al. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1969–70

[Lyell's syndrome in a patient treated with allopurinol] Zakraoui L, et al. **Tunis Med** 1985 Mar;63(3):167–70 (Eng. Abstr.) **(Fre)**

CLASSIFICATION

TEN is TEN, but is SSSS? [letter] Arnold HL Jr. **JAMA** 1985 Jul 12;254(2):231–2

COMPLICATIONS

Granulocytes, lymphocytes, and toxic epidermal necrolysis [letter] **Arch Dermatol** 1985 Mar;121(3):305-7

Sjögren-like syndrome after drug-induced toxic epidermal necrolysis. Roujeau JC, et al. **Lancet** 1985 Mar 16; 1(8429):609-11

Esophageal stricture secondary to drug-induced toxic epidermal necrolysis. Herman TE, et al. **Pediatr Radiol** 1984;14(6):439-40

[Fluid loss in toxic epidermal necrolysis] Husegaard HC, et al. **Ugeskr Laeger** 1984 Sep 10;146(37):2784-5 (Eng. Abstr.) **(Dan)**

DIAGNOSIS

[Problems and errors in the diagnosis and treatment of suppurative-inflammatory diseases related to allergic reactions to drugs] Mazchenko NS, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):102-4 **(Rus)**

[Drug-induced disease--Lyell's syndrome and agranulocytosis--in a young child] Sluchenkova LD, et al. **Pediatriia** 1984 Jul;(7):57-8 **(Rus)**

[Staphylococcal and toxic 'burned skin' syndromes] Lelis II. **Vestn Dermatol Venerol** 1984 Oct;(10):47-9 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Toxic epidermal necrolysis and amiodarone treatment [letter] Bencini PL, et al. **Arch Dermatol** 1985 Jul;121(7):838

Fatal multisystemic toxicity associated with prophylaxis with pyrimethamine and sulfadoxine [letter] Curley RK, et al. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):471-2

Toxic epidermal necrolysis associated with streptococcal septicaemia. Wright KU, et al. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):312-3

Toxic epidermal necrolysis from oil lamp fuel. Foged EK. **Contact Dermatitis** 1984 Aug;11(2):135-6

Toxic epidermal necrolysis following bone marrow transplantation. Friedman HZ, et al. **Cutis** 1984 Aug; 34(2):158-62

Toxic epidermal necrolysis probably due to Klebsiella pneumoniae sepsis. de Groot R, et al. **Dermatologica** 1984; 169(2):88-90

Drug-induced toxic epidermal necrolysis (Lyell's syndrome) in a 4-year-old girl. Luderschmidt C, et al. **Eur J Pediatr** 1985 May;144(1):91-3

Clues to pathogenesis of toxic epidermal necrolysis. Merot Y, et al. **Int J Dermatol** 1985 Apr;24(3):165-8

Phenytoin hypersensitivity reaction presenting with toxic epidermal necrolysis and severe hepatitis. Report of a patient treated with corticosteroid 'pulse therapy'. Sherertz EF, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):178-81

The staphylococcal scalded skin syndrome. Dowsett EG. **J Hosp Infect** 1984 Dec;5(4):347-54 (62 ref.)

Toxic epidermal necrolysis associated with maternal use of heparin [letter] Leung A. **JAMA** 1985 Jan 11;253(2):201

Fatal epidermal necrolysis associated with isoxicam [letter] Fléchet ML, et al. **Lancet** 1985 Aug 31;2(8453):499

Toxic epidermal necrolysis in a 6-week-old infant. Hawk RJ, et al. **Pediatr Dermatol** 1985 Mar;2(3):197-200

[Epidermolytic toxin. Dermatologic manifestations] Agdal N, et al. **Ugeskr Laeger** 1985 Jun 10;147(24):1928-32 (Eng. Abstr.) **(Dan)**

[Staphylococcal scalded skin syndrome] de Groot R, et al. **Ned Tijdschr Geneeskd** 1984 Aug 4;128(31):1459-63 (Eng. Abstr.) **(Dut)**

[Lyell's syndrome and sulindac apropos of a case (letter)] Chevrant Breton J, et al. **Therapie** 1985 Jan-Feb;40(1):67 **(Fre)**

[Drug-induced Lyell's syndrome] Roujeau JC, et al. **Therapie** 1984 Jul-Aug;39(4):434-7 **(Fre)**

[Acetylsalicylic acid intolerance in Lyell syndrome] Nagy G, et al. **Dermatol Monatsschr** 1984;170(5):317-21 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Delayed hypersensitivity in drug-induced toxic epidermal necrolysis [letter] Roujeau JC, et al. **Arch Dermatol** 1984 Nov;120(11):1417-8

Delayed hypersensitivity in drug-induced toxic epidermal necrolysis (TEN) [letter] Wolf R, et al. **Arch Dermatol** 1984 Dec;120(12):1555

Lymphocyte transformation test in drug-induced toxic epidermal necrolysis. Roujeau JC, et al. **Int Arch Allergy Appl Immunol** 1985;78(1):22-4

OCCURRENCE

Analysis of an outbreak of staphylococcal scalded skin syndrome: strategies for typing 'non-typable' strains. Dowsett EG, et al. **J Hosp Infect** 1984 Dec;5(4):391-7

PATHOLOGY

Pathology quiz case 2: staphylococcal scalded skin syndrome (SSSS). Young EM Jr. **Arch Dermatol** 1984 Oct; 120(10):1366-7, 1369

[Case of Lyell's syndrome developing after taking amidopyrine] Fesenko IP, et al. **Vrach Delo** 1984 Nov; (11):110-1 **(Rus)**

THERAPY

Management of toxic epidermal necrolysis in a pediatric burn center. Adzick NS, et al. **Am J Dis Child** 1985 May; 139(5):499-502

Management of toxic epidermal necrolysis [editorial] **Lancet** 1984 Dec 1;2(8414):1250-2

Drug induced toxic epidermal necrolysis. Fong PH, et al. **Singapore Med J** 1984 Jun;25(3):184-6

[Treatment of toxic epidermal necrolysis] Steigleder GK. **Z Hautkr** 1985 May 15;60(10):763-5 **(Ger)**

[Use of hemosorption in the complex treatment of patients with Lyell's syndrome] Pribylova NN, et al. **Klin Med (Mosk)** 1985 Jun;63(6):121-3 **(Rus)**

EPIDERMIS

[Dynamics of relaxation of the triboelectric charge on the surface of the horny layer of the epidermis] Godik EE, et al. **Biofizika** 1985 Mar-Apr;30(2):309-12 (Eng. Abstr.) **(Rus)**

ANALYSIS

Epidermal proteins. I. Differential extraction and quantitative polyacrylamide gel-electrophoretic analysis of basal spinous-cell proteins of neonatal mouse epidermis. Labib RS, et al. **Arch Dermatol Res** 1985;277(4):253-63

Human stratum corneum polar lipids and desquamation. Long SA, et al. **Arch Dermatol Res** 1985;277(4):284-7

Identification, isolation and characterization of epidermal lipids containing linoleic acid. Bowser PA, et al. **Biochim Biophys Acta** 1985 May 17;834(3):419-28

Reexpression of fetal characters in simian virus 40-transformed human keratinocytes. Bernard BA, et al. **Cancer Res** 1985 Apr;45(4):1707-16

Amino acid sequence diversity between bovine epidermal cytokeratin polypeptides of the basic (type II) subfamily as determined from cDNA clones. Jorcano JL, et al. **Differentiation** 1984;28(2):155-63

Different tissue distributions of two types of thiol proteinase inhibitors from rat liver and epidermis. Kominami E, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1437-42

High-performance liquid chromatographic separation of distinct epidermal cell-derived cytokines. Köck A, et al. **J Chromatogr** 1985 Jun 19;326:129-36

Heterogeneity of epidermal prekeratin and keratin between sole and body skin in humans. Kitajima Y, et al. **J Dermatol (Tokyo)** 1984 Jun;11(3):211-8

Glucocorticoid receptor in chick embryonic epidermis. Inhibition by progesterone of both the binding of glucocorticoid to the receptor and glucocorticoid-induced keratinization. Obinata A, et al. **J Invest Dermatol** 1984 Nov;83(5):363-9

The composition of the ceramides from human stratum corneum and from comedones. Wertz PW, et al. **J Invest Dermatol** 1985 May;84(5):410-2

Linoleate-rich acylglucosylceramides of pig epidermis: structure determination by proton magnetic resonance. Abraham W, et al. **J Lipid Res** 1985 Jun;26(6):761-6

Structure of a gene for the human epidermal 67-kDa keratin. Johnson LD, et al. **Proc Natl Acad Sci USA** 1985 Apr; 82(7):1896-900

[Hydroa vacciniforme--urocanic acid content of the horny layer of the epidermis] Schell H, et al. **Hautarzt** 1985 Jun; 36(6):336-40 (Eng. Abstr.) **(Ger)**

[Cytochemical quantitation of thiol group and disulfide bond of epidermal cells fractionated by density gradient centrifugation] Nomura H, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Aug;94(9):1061-4 **(Jpn)**

ANATOMY & HISTOLOGY

Differentiation of embryonic chick feather-forming and scale-forming tissues in transfilter cultures. Peterson CA, et al. **Dev Biol** 1985 Sep;111(1):8-25

CYTOLOGY

Concanavalin (ConA)-reactive human epidermal glycoproteins. Bonnefoy JY, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):459-65

Merkel cells express desmosomal proteins and cytokeratins. Ortonne JP, et al. **Acta Derm Venereol (Stockh)** 1985; 65(2):161-4

Effect of a new retinoid, arotinoid (Ro 13-6298), on in vitro keratinocyte proliferation and differentiation. Stadler R, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):405-11

A monoclonal antibody labelling the keratinocyte membrane: a marker of epidermal differentiation. Viac J, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):1-8

Primary neuroendocrine (Merkel cell?) carcinoma of the skin. II. An immunocytochemical study of 21 cases. Sibley RK, et al. **Am J Surg Pathol** 1985 Feb;9(2):109-16

Primary neuroendocrine (Merkel cell?) carcinoma of the skin. I. A clinicopathologic and ultrastructural study of 43 cases. Sibley RK, et al. **Am J Surg Pathol** 1985 Feb;9(2):95-108

Comparative studies on methods of isolating rat epidermal cells. Takahashi H, et al. **Ann Plast Surg** 1985 Mar; 14(3):258-66

Reconstitution of the epidermal basement membrane after enzymatic dermal-epidermal separation of embryonic mouse skin. Bard S, et al. **Arch Anat Microsc Morphol Exp** 1984;73(4):239-57

Optimised growth of human epidermal cells in vitro without the use of a feeder layer or collagen substrate. Thompson CH, et al. **Aust J Exp Biol Med Sci** 1985 Apr;63 (Pt 2):147-56

Modification of the original technique of Champy: a simple procedure for staining melanocytes. Mallardi F, et al. **Basic Appl Histochem** 1985;29(1):81-4

Acylglucosylceramide causes flattening and stacking of liposomes. An analogy for assembly of the epidermal permeability barrier. Landmann L, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):412-8

Differentiation of cultured epidermal keratinocytes related to sterol metabolism and its retardation by chemical carcinogens. Okamoto T, et al. **Biochim Biophys Acta** 1984 Oct 12;805(2):143-51

Stellate fibrin-fibronectin microclot formation from keratinocytes and fibroblasts stimulated by plasma from patients with psoriasis. Juhlin L, et al. **Br J Dermatol** 1985 Mar;112(3):271-6

Leukotrienes B4, C4 and D4 stimulate DNA synthesis in cultured human epidermal keratinocytes. Kragballe K, et al. **Br J Dermatol** 1985 Jul;113(1):43-52

Production of distinct cytokines by epidermal cells. Luger TA, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:145-56

Migration and mitosis in the epidermis [letter] Mitrani E. **Br J Dermatol** 1984 Dec;111(6):733-4

Migration and mitosis in the epidermis. Potten CS, et al. **Br J Dermatol** 1984 Dec;111(6):695-9

Estimation of circadian variations in cell cycle phase durations in murine epidermal basal cells. Thorud E, et al. **Cell Tissue Kinet** 1985 May;18(3):279-95

Lymphocyte-keratinocyte interactions mediated through interferon. New observations relevant to psoriasis. Nickoloff BJ. **Cutis** 1984 Nov;34(5):445-6

Epidermal morphogenesis and induction of the 67 kD keratin polypeptide by culture of human keratinocytes at the liquid-air interface. Asselineau D, et al. **Exp Cell Res** 1985 Aug;159(2):536-9

Mouse epidermal keratinocytes. Clonal proliferation and response to hormones and growth factors in serum-free medium. Bertolero F, et al. **Exp Cell Res** 1984 Nov; 155(1):64-80

Application of graph theory to analysis of Langerhans cell types on the basis of their cell nuclei ultrastructure. Kara Z, et al. **Gegenbaurs Morphol Jahrb** 1984;130(6):755-60

Changes in fibronectin synthesis and binding distribution in SV40-transformed human keratinocytes. Edelman B, et al. **Int J Cancer** 1985 Feb 15;35(2):219-25

Location of a fibronectin domain involved in newt epidermal cell migration. Donaldson DJ, et al. **J Cell Biol** 1985 Jul; 101(1):73-8

Altered patterns of keratin synthesis in human epidermal keratinocytes transformed by SV40. Steinberg ML, et al. **J Cell Physiol** 1985 Apr;123(1):117-25

Integrated control of growth and differentiation of normal human prokeratinocytes cultured in serum-free medium: clonal analyses, growth kinetics, and cell cycle studies. Wille JJ Jr, et al. **J Cell Physiol** 1984 Oct;121(1):31-44

Ultraviolet light induces binding of antibodies to selected nuclear antigens on cultured human keratinocytes. LeFeber WP, et al. **J Clin Invest** 1984 Oct;74(4):1545-51

Systematic comparison of antibody-mediated mechanisms of keratinocyte lysis in vitro. Norris DA, et al. **J Immunol** 1985 Aug;135(2):1073-9

Correlation between the inducible keratinocyte expression of Ia and the movement of Langerhans cells into the epidermis. Roberts LK, et al. **J Immunol** 1985 Jun; 134(6):3781-4

Epidermal cells as accessory cells in the generation of allo-reactive and hapten-specific cytotoxic T lymphocyte (CTL) responses. Steiner G, et al. **J Immunol** 1985 Feb; 134(2):736-41

Epidermal Langerhans cells—a cycling cell population. Czernielewski J, et al. **J Invest Dermatol** 1985 May; 84(5):424-6

Selective cultivation of human melanocytes from newborn and adult epidermis. Gilchrest BA, et al. **J Invest Dermatol** 1984 Nov;83(5):370-6

Factor XIII inhibits epidermal cell migration in vitro. Hashimoto T, et al. **J Invest Dermatol** 1984 Dec;83(6):441-4

Expression of the Ly-5 alloantigenic system on epidermal cells. Leibl H, et al. **J Invest Dermatol** 1985 Feb;84(2):91-5

Evidence that the centrally and peripherally located cells in the murine epidermal proliferative unit are two distinct cell populations. Morris RJ, et al. **J Invest Dermatol** 1985 Apr;84(4):277-81

Depletion and repopulation of epidermal dendritic cells after allogeneic bone marrow transplantation in humans. Murphy GF, et al. **J Invest Dermatol** 1985 Mar;84(3):210-4

A murine monoclonal antibody (VM-1) against human basal cells inhibits the growth of human keratinocytes in culture. Oseroff AR, et al. **J Invest Dermatol** 1985 Apr;84(4):257-61

Defective low-density lipoprotein metabolism in cultured, normal, transformed, and malignant keratinocytes. Ponec M, et al. **J Invest Dermatol** 1984 Dec;83(6):436-40

The intermediate filament proteins of rabbit normal epidermal Merkel cells are cytokeratins. Saurat JH, et al. **J Invest Dermatol** 1984 Dec;83(6):431-5

A comparison of murine epidermal Langerhans cells with spleen dendritic cells. Schuler G, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):99s-106s

Epidermal cell confluence and implications for a two-step

mechanism of wound closure. Stenn KS, et al. **J Invest Dermatol** 1984 Dec;83(6):445-7
Human keratinocyte adhesion and phagocytosis promoted by fibronectin. Takashima A, et al. **J Invest Dermatol** 1984 Nov;83(5):352-8
Fucosyl glycopeptide profiles of keratinocytes from various epithelial tissues of the rabbit in relation to differentiation in vivo and in vitro. van Erp PE, et al. **J Invest Dermatol** 1984 Nov;83(5):359-62
Differentiation and shedding of surface macromolecules of human keratinocytes. Zhu XJ, et al. **J Invest Dermatol** 1984 Nov;83(5):340-3
A computer simulation of cell stacking for even thickness in mammalian epidermis. Honda H, et al. **J Theor Biol** 1984 Dec 21;111(4):625-33
Antiproliferative effects of recombinant alpha- and gamma-interferons on cultured human keratinocytes. Nickoloff BJ, et al. **Lab Invest** 1984 Dec;51(6):697-701
Effects of juvenile hormone analogue on ecdysis prevention induced by precocene in Rhodnius prolixus (Hemiptera:Reduviidae). de Azambuja P, et al. **Mem Inst Oswaldo Cruz** 1984 Oct-Dec;79(4):419-23
Reinnervation of the rat touch dome restores the Merkel cell population reduced after denervation. Nurse CA, et al. **Neuroscience** 1984 Oct;13(2):563-71
Characterization of immunoregulatory cytokines produced by epidermal cells. Luger TA, et al. **Scand J Immunol** 1985 May;21(5):455-62
[Culture of human epidermal cells and preliminary trials on covering wounds] Zhao XF, et al. **Chung Hua Wai Ko Tsa Chih** 1985 May;23(5):297-9, 319-20 (Eng. Abstr.) (Chi)
[Origin of the Merkel cell (letter)] Saurat JH. **Ann Dermatol Venereol** 1984;111(9):853-4 (Fre)
[Use of autoradiography. Studies of cell kinetics in normal and psoriatic epidermis as an aid in decision making in therapeutic management] Schulze HJ. **Z Hautkr** 1985 Jan; 60(1-2):57-62, 65-6 (33 ref.) (Eng. Abstr.) (Ger)
[Langerhans cells--their structure, function and pathological role] Persina IS. **Arkh Patol** 1985;47(2):86-93 (53 ref.) (Eng. Abstr.) (Rus)

DRUG EFFECTS

Effects of retinoic acid on adult human epidermis in whole skin organ culture. Tammi R, et al. **Arch Dermatol Res** 1985;277(4):276-83
Isoquinoline is a possible anti-psoriatic agent in coal tar. Foreman MI, et al. **Br J Dermatol** 1985 Mar;112(3):323-8
Retinoid-induced inhibition of growth and reduction of spreading of human epidermal cells in culture. Hashimoto T, et al. **Br J Dermatol** 1985 Jun;112(6):637-46
Tumor-promoting effects of di(2-ethylhexyl)phthalate in JB6 mouse epidermal cells and mouse skin. Diwan BA, et al. **Carcinogenesis** 1985 Mar;6(3):343-7
Indirect induction of a clastogenic effect in epidermal cells by a tumor promoter. Dutton DR, et al. **Carcinogenesis** 1985 Sep;6(9):1279-84
Keratinocyte damage produced by 12-O-tetradecanoylphorbol-13-acetate in rodent epidermis. Klein-Szanto AJ, et al. **Carcinogenesis** 1984 Nov;5(11):1459-65
Inhibition of epidermal terminal differentiation and tumour promotion by retinoids. Lichti U, et al. **Ciba Found Symp** 1985;113:77-89
Effects of arotinoid ethyl ester on epithelial differentiation and proliferation. Tsambaos D, et al. **Ciba Found Symp** 1985;113:97-116
Nuclear enlargement--an early change produced in mouse epidermis by carcinogenic chemicals applied topically in the presence of a promoter. Ingram AJ, et al. **J Appl Toxicol** 1985 Apr;5(2):53-60
Effects of mouse and human epidermal growth factor on the outgrowing epidermis of pig and human skin explants. Aoyagi T, et al. **J Dermatol (Tokyo)** 1984 Dec;11(6):519-22
2,3,7,8-Tetrachlorodibenzo-p-dioxin induces hyperplasia in confluent cultures of human keratinocytes. Milstone LM, et al. **J Invest Dermatol** 1984 May;82(5):532-4
Epidermal hyperplasia and wool follicle regression in sheep infused with epidermal growth factor. Moore GP, et al. **J Invest Dermatol** 1985 Mar;84(3):172-5
Appearance of dark keratinocytes following intracutaneous injection of cholera toxin in mouse skin. Murakami Y, et al. **J Invest Dermatol** 1985 Aug;85(2):115-7
Spreading and enhanced motility of human keratinocytes on fibronectin. O'Keefe EJ, et al. **J Invest Dermatol** 1985 Aug; 85(2):125-30
Antirespiratory and antiproliferative activity of anthralin in cultured human keratinocytes. Reichert U, et al. **J Invest Dermatol** 1985 Feb;84(2):130-4
Regulation of epidermal growth factor binding in a human keratinocyte cell line by 2,3,7,8-tetrachlorodibenzo-p-dioxin. Hudson LG, et al. **Toxicol Appl Pharmacol** 1985 Feb;77(2):251-9
[The effects of retinoid on normal and acanthotic epidermis--cytofluorometric study] Kawamura K. **Nippon Hifuka Gakkai Zasshi** 1984 Aug;94(9):1031-8 (Jpn)

EMBRYOLOGY

Modulation of epidermal cell shaping and extracellular matrix during caudal fin morphogenesis in the zebra fish Brachydanio rerio. Dane PJ, et al. **J Embryol Exp Morphol** 1985 Jun;87:145-61
Abnormal skin development in pupoid foetus (pf/pf) mutant mice. Fisher C, et al. **J Embryol Exp Morphol** 1985 Jun; 87:47-64

ENZYMOLOGY

Estrone- and dehydroepiandrosterone-sulfatase activities in human female epidermis. Prost O, et al. **Arch Dermatol Res** 1985;277(3):195-200
Oxidised glutathione reductase activity in mouse epidermis: TPA induced change and its modulation by vitamin A. Kumar S, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):967-73
Induction of ornithine decarboxylase activity by 1-oleoyl-2-acetyl-glycerol in isolated mouse epidermal cells. Sasakawa N, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):913-20
Comparison of the inhibitory effects of diverse amino acids and amino acid analogs on 12-O-tetradecanoylphorbol-13-acetate-induced ornithine decarboxylase activity in isolated epidermal cells. Perchellet JP, et al. **Biochim Biophys Acta** 1985 Feb 21; 844(2):182-92
Characterization and activity of phospholipase A2 in normal human epidermis and in lesion-free epidermis of patients with psoriasis or eczema. Forster S, et al. **Br J Dermatol** 1985 Feb;112(2):135-47
Enzymatic cross-linking of involucrin and other proteins by keratinocyte particulates in vitro. Simon M, et al. **Cell** 1985 Mar;40(3):677-83
Keratinocyte-specific transglutaminase of cultured human epidermal cells: relation to cross-linked envelope formation and terminal differentiation. Thacher SM, et al. **Cell** 1985 Mar;40(3):685-95
Retinoic acid-induced transglutaminase in mouse epidermal cells is distinct from epidermal transglutaminase. Lichti U, et al. **J Biol Chem** 1985 Feb 10;260(3):1422-6
Tumor promoter-stimulated protein phosphorylation in mouse epidermis is inhibited by bromophenacyl bromide. Edinger FM, et al. **J Invest Dermatol** 1985 May;84(5):413-6
Cholesterol sulfotransferase of newborn mouse epidermis. Epstein EH Jr, et al. **J Invest Dermatol** 1984 Nov; 83(5):332-5
Characterization of adenosine deaminase from normal human epidermis and squamous cell carcinoma of the skin. Koizumi H, et al. **J Invest Dermatol** 1985 Mar; 84(3):199-202
Biochemical studies on a novel vanadate- and molybdate-sensitive acid phosphatase from human epidermis. Mäkinen PL. **J Invest Dermatol** 1985 Aug; 85(2):118-24
Inhibition of mouse epidermal 12-lipoxygenase by 2,3,4-trimethyl-6-(12-hydroxy-5,10-dodecadiynyl)-1,4-be (AA861). Nakadate T, et al. **J Pharm Pharmacol** 1985 Jan;37(1):71-3
Inhibition of teleocidin-caused epidermal ornithine decarboxylase induction by phospholipase A2-, cyclooxygenase- and lipoxygenase-inhibitors. Nakadate T, et al. **Jpn J Pharmacol** 1985 Mar;37(3):253-8
Epidermal enzyme-mediated mutagenicity of the skin carcinogen, 2-aminoanthracene. Bickers DR, et al. **Mutat Res** 1985 Feb-Apr;147(1-2):37-43
[Studies on polyamine-dependent protein kinase in pig epidermal cells] Nemoto O. **Hokkaido Igaku Zasshi** 1985 Jan;60(1):57-65 (Eng. Abstr.) (Jpn)
[Alkaline phosphatase of the epidermis: its distribution, importance and artifacts] Sokolov VE, et al. **Dokl Akad Nauk SSSR** 1985;281(5):1225-9 (Rus)
[Cellular cholinesterases of epidermis and skin glands of mammals] Sokolov VE, et al. **Izv Akad Nauk SSSR [Biol]** 1985 May-Jun;(3):390-403 (Eng. Abstr.) (Rus)

IMMUNOLOGY

Monoclonal antibodies in dermatologic research. Studies with a unique cell-surface antigen defined specifically for keratinocytes by a monoclonal antibody. Fine JD, et al. **Am J Dermatopathol** 1985 Apr;7(2):171-9
Cell-surface carbohydrates in proliferative epidermal lesions. Distribution of A, B, and H blood group antigens in benign and malignant lesions. Schaumburg-Lever G, et al. **Am J Dermatopathol** 1984 Dec;6(6):583-9
Human interferon-gamma induces expression of HLA-DR on keratinocytes and melanocytes. Auböck J, et al. **Arch Dermatol Res** 1985;277(4):270-5
HLA-DR antigen expression on the keratinocyte surface in dermatoses characterized by lymphocytic exocytosis (e.g. pityriasis rosea). Aiba S, et al. **Br J Dermatol** 1984 Sep; 111(3):285-94
Dynamic changes in epidermal Ia-positive cells in allergic contact sensitivity reactions in mice. Aiba S, et al. **Br J Dermatol** 1984 Nov;111(5):507-16
Human epidermal cells are more potent than peripheral blood mononuclear cells for the detection of weak allogeneic or virus-specific primary responses in vitro. Bagot M, et al. **Cell Immunol** 1985 Aug;94(1):215-24
TNP-specific Lyt-2+ cytolytic T cell clones preferentially respond to TNP-conjugated epidermal cells. Shimada S, et al. **J Immunol** 1985 Sep;135(3):1558-63
Recombinant gamma interferon differentially regulates class II antigen expression and biosynthesis on cultured normal human keratinocytes. Basham TY, et al. **J Interferon Res** 1985 Winter;5(1):23-32
Origin and function of Thy-1+ dendritic epidermal cells in mice. Bergstresser PR, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):85s-90s (46 ref.)
Monoclonal antikeratin antibody: production, characterization, and immunohistochemical application. Eto H, et al. **J Invest Dermatol** 1985 May;84(5):404-9
Epidermal I-J-bearing cells are responsible for transferable suppressor cell generation after immunization of mice with ultraviolet radiation-treated epidermal cells. Granstein RD. **J Invest Dermatol** 1985 Mar;84(3):206-9
Keratin intermediate filaments bear antigenic determinants for stratum corneum antibodies. Hintner H, et al. **J Invest Dermatol** 1984 May;82(5):491-5
Induction of the synthesis of triton-soluble proteins in human keratinocytes by gamma interferon. Morhenn VB, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):27s-29s
A pool of bullous pemphigoid antigen(s) is intracellular and associated with the basal cell cytoskeleton-hemidesmosome complex. Mutasim DF, et al. **J Invest Dermatol** 1985 Jan; 84(1):47-53
Expression of antigens by cultured epithelial cells: comparison of epidermis and thymic epithelium. Singer KH, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):67s-71s
The mixed epidermal cell-lymphocyte reaction. II. Epidermal Langerhans cells are responsible for the enhanced allogeneic lymphocyte-stimulating capacity of normal human epidermal cell suspensions. Sontheimer RD. **J Invest Dermatol** 1985 Jul;85(1 Suppl):21s-26s
Intravenously injected, TNP-derivatized, Langerhans cell-enriched epidermal cells induce contact hypersensitivity in Syrian hamsters. Sullivan S, et al. **J Invest Dermatol** 1985 Apr;84(4):249-52
Immunoelectron microscopic identification of upper cytoplasmic antigens on keratin intermediate filaments [letter] Thivolet J. **J Invest Dermatol** 1985 Jun;84(6):542-3
Induction and suppression of contact sensitivity by liposomes carrying molecules from haptenated epidermal cells. Yokozeki H, et al. **J Invest Dermatol** 1985 Jan;84(1):33-6
[Epidermal IgG deposits in patients with primary Sjögren's syndrome] Oxholm A, et al. **Ugeskr Laeger** 1985 Jan 21; 147(4):261-4 (Eng. Abstr.) (Dan)
[Localization of basal cell antigen in the epithelial tissues of animals and humans detected by means of natural antibodies] Beletskaia LV, et al. **Arkh Anat Gistol Embriol** 1985 May;88(5):61-5 (Eng. Abstr.) (Rus)
[Immunoglobulin factor reacting with components of epidermal basement membranes of patients with basal cell carcinoma] Kogan MG, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):20-2 (Eng. Abstr.) (Rus)
[Antibodies induced by group A Streptococcus reacting with epidermis elements in patients with basalomas] Bukhova VP, et al. **Vopr Onkol** 1984;30(11):67-71 (Eng. Abstr.) (Rus)

METABOLISM

Measurement of transepidermal water loss using an evaporimeter to follow the restitution of the barrier layer of human epidermis after stripping the stratum corneum. Frödin T, et al. **Acta Derm Venereol (Stockh)** 1984; 64(6):537-40
Metabolism of linoleic acid and other essential fatty acids in the epidermis of the rat. Nugteren DH, et al. **Biochim Biophys Acta** 1985 May 17;834(3):429-36
Lectin binding to psoriatic epidermis. Bell CM, et al. **Br J Dermatol** 1985 Aug;113(2):205-12
Non-enzymatic glycosylation of keratin from the stratum corneum of the diabetic foot. Delbridge L, et al. **Br J Dermatol** 1985 May;112(5):547-54
Increased DNA synthesis of uninvolved psoriatic epidermis is maintained in vitro. Kragballe K, et al. **Br J Dermatol** 1985 Mar;112(3):263-70
Effect of enzyme digestion on the permeability barrier in keratinizing and non-keratinizing epithelia. Squier CA. **Br J Dermatol** 1984 Sep;111(3):253-64
Demonstration and characterization of 1,25-dihydroxyvitamin D3 receptors in basal cells of epidermis of neonatal and adult mice. Merke J, et al. **Calcif Tissue Int** 1985 May;37(3):257-67
Differential effects of 7,8-benzoflavone on polycyclic aromatic hydrocarbon dependent mutagenesis and cytotoxicity in a keratinocyte cell-mediated mutation assay. Reiners JJ Jr. **Cancer Lett** 1985 Mar;26(2):215-20
Keratin, keratinization, and biochemical aspects of dyskeratosis. Ogawa H, et al. **Int J Dermatol** 1984 Oct; 23(8):507-13 (46 ref.)
Glucagonoma syndrome: in vitro evidence that glucagon increases epidermal arachidonic acid. Peterson LL, et al. **J Am Acad Dermatol** 1984 Sep;11(3):468-73
Expression of unusually large keratins during terminal differentiation: balance of type I and type II keratins is not disrupted. Kim KH, et al. **J Cell Biol** 1984 Nov; 99(5):1872-7
Identification of two intermediates during processing of profilaggrin to filaggrin in neonatal mouse epidermis. Resing KA, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1372-8
Stratum corneum lipids in disorders of cornification. Steroid sulfatase and cholesterol sulfate in normal desquamation and the pathogenesis of recessive X-linked ichthyosis. Elias

PM, et al. **J Clin Invest** 1984 Oct;74(4):1414–21

Calmodulin activity in the psoriatic epidermis. Kusakabe Y, et al. **J Dermatol (Tokyo)** 1984 Apr;11(2):111–6

Immuno–ultrastructural localization of involucrin in squamous epithelium and cultured keratinocytes. Warhol MJ, et al. **J Histochem Cytochem** 1985 Feb;33(2):141–9

Epidermal cells synthesize a cytokine with interleukin 3–like properties. Luger TA, et al. **J Immunol** 1985 Feb;134(2):915–9

Human epidermal cells and squamous carcinoma cells synthesize a cytokine that augments natural killer cell activity. Luger TA, et al. **J Immunol** 1985 Apr;134(4):2477–83

Epidermal growth factor stimulates release of arachidonic acid in pig epidermis. Aoyagi T, et al. **J Invest Dermatol** 1985 Mar;84(3):168–71

Fibronectin production by cultured keratinocytes [letter] Brown KW, et al. **J Invest Dermatol** 1985 Apr;84(4):285

Ultraviolet radiation induces changes in membrane metabolism of human keratinocytes in culture. De Leo VA, et al. **J Invest Dermatol** 1984 Nov;83(5):323–6

Increased calmodulin levels in psoriasis and low Ca++ regulated mouse epidermal keratinocyte cultures. Fairley JA, et al. **J Invest Dermatol** 1985 Mar;84(3):195–8

Alterations in fatty acid composition of murine keratinocytes with in vitro cultivation. Isseroff RR, et al. **J Invest Dermatol** 1985 Aug;85(2):131–4

Freeze–fracture cytochemical study of membrane systems in human epidermis using filipin as a probe for cholesterol. Kitajima Y, et al. **J Invest Dermatol** 1985 Feb;84(2):149–53

Involucrin expression in normal and neoplastic human skin: a marker for keratinocyte differentiation. Murphy GF, et al. **J Invest Dermatol** 1984 May;82(5):453–7

The measurement of the stratum corneum reservoir. A predictive method for in vivo percutaneous absorption studies: influence of application time. Rougier A, et al. **J Invest Dermatol** 1985 Jan;84(1):66–8

Ichthyosis vulgaris: identification of a defect in synthesis of filaggrin correlated with an absence of keratohyaline granules. Sybert VP, et al. **J Invest Dermatol** 1985 Mar;84(3):191–4

Psoralen and ultraviolet A effects on epidermal ornithine decarboxylase induction and DNA synthesis in the hairless mouse. Lowe NJ, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:73–6

Effects of exogenous putrescine on the retinoic acid–induced reduction of 12–O–tetradecanoyl–phorbol–13–acetate–stimulated putrescine accumulation and rate of DNA synthesis in the hairless mouse epidermis. Paulsen JE. **Virchows Arch [Cell Pathol]** 1984;46(3):199–204

Epidermal benzo[a]pyrene metabolism and DNA–binding in Balb/C mice: inhibition by ellagic acid. Mukhtar H, et al. **Xenobiotica** 1984 Jul;14(7):527–31

[Immunopathological studies on cutaneous amyloidosis: observations on interaction of amyloid substances, the dermo–epidermal junction and infiltrates in the dermis] Kaneko F, et al. **Nippon Hifuka Gakkai Zasshi** 1984 May;94(6):701–6 **(Jpn)**

MICROBIOLOGY

The adhesion of coagulase negative staphylococci to human skin and its relevance to the bacterial flora of milk. Brooker BE, et al. **J Appl Bacteriol** 1984 Oct;57(2):325–32

PATHOLOGY

Epidermal changes in atopic dermatitis. van Neste D, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:67–71

Clefts as clues to melanocytes in the stratum corneum. Bronson DM, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:161–2

Differentiation of melanocytic nevi from malignant melanomas in palms, soles, and nail beds solely by signs in the cornified layer of the epidermis. Kerl H, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:159–60

Molluscum contagiosum may affect primarily the epidermis without involving hair follicles. Legrain A, et al. **Am J Dermatopathol** 1985 Apr;7(2):131–2

Epidermotropic metastatic squamous cell carcinoma. Report of two cases showing histologic continuity between epidermis and metastasis. Weidner N, et al. **Arch Dermatol** 1985 Aug;121(8):1041–3

Keratinocyte proliferative hierarchies confer protective mechanisms in surface epithelia. Hume WJ. **Br J Dermatol** 1985 Apr;112(4):493–502

Psoriasis: maintenance of an intact monolayer basal cell differentiation compartment in spite of hyperproliferation. Leigh IM, et al. **Br J Dermatol** 1985 Jul;113(1):53–64

Epidermolysis bullosa: preliminary observations of blister formation in keratinocyte cultures. Leigh IM, et al. **Br J Dermatol** 1984 Nov;111(5):527–32

Some observations on the surface structure of collagen in hypertrophic scars. Shakespeare PG, et al. **Burns Incl Therm Inj** 1985 Feb;11(3):175–80

Epidermal thickness in systemic sclerosis and morphoea. Morley SM, et al. **Clin Exp Dermatol** 1985 Jan;10(1):51–7

Epidermal cytoskeletal changes in psoriasis. Mansbridge J. **Cutis** 1984 May;33(5):427, 430

Absence of vacuolization of upper epidermal cells in nonbullous congenital ichthyosiform erythroderma [letter] Williams ML, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):126–7

Degradation of the epidermal–dermal junction by proteolytic enzymes from human skin and human polymorphonuclear leukocytes. Briggaman RA, et al. **J Exp Med** 1984 Oct 1;160(4):1027–42

Intra–epithelial changes in childhood nevi simulating malignant melanoma. Cullity G. **Pathology** 1984 Jul;16(3):307–11

Morphological characterization of the somatostatin–immunoreactive dendritic skin cells in urticaria pigmentosa patients by computerized image analysis. Johansson O. **Scand J Immunol** 1985 May;21(5):431–9

A method for flow cytometric cell cycle analysis of normal and psoriatic human epidermis based on a detergent/citric acid technique for suspension of nuclei. Larsen JK, et al. **Virchows Arch [Cell Pathol]** 1985;48(3):247–59

PHYSIOLOGY

Essential function of linoleic acid esterified in acylglucosylceramide and acylceramide in maintaining the epidermal water permeability barrier. Evidence from feeding studies with oleate, linoleate, arachidonate, columbinate and alpha–linolenate. Hansen HS, et al. **Biochim Biophys Acta** 1985 May 17;834(3):357–63

A simplified method for measurement of desquamation using dansyl chloride fluorescence. Marks R, et al. **Br J Dermatol** 1984 Sep;111(3):265–70

Regeneration of epidermis by cells grown in tissue culture. Eisinger M. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 2):402–8

Epidermal cell outgrowth from CO2 laser– and scalpel–cut explants: implications for wound healing. Moreno RA, et al. **J Dermatol Surg Oncol** 1984 Nov;10(11):863–8

A possible function of structural lipids in the water–holding properties of the stratum corneum. Imokawa G, et al. **J Invest Dermatol** 1985 Apr;84(4):282–4

[The horny layer as a boundary membrane] Bandemir B. **Vestn Dermatol Venerol** 1985 Jun;(6):26–30 (56 ref.) **(Rus)**

PHYSIOPATHOLOGY

Interrelationship between water–barrier and reservoir functions of pathologic stratum corneum. Tagami H, et al. **Arch Dermatol** 1985 May;121(5):642–5

Is 'localized epidermotropic reticulosis' (Woringer–Kolopp disease) benign? Zackheim HS. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):276–83

Epidermal cell proliferation in guinea pigs with experimental dermatophytosis. Tagami H. **J Invest Dermatol** 1985 Aug;85(2):153–5

[Mechanical properties of the skin. 3. Psoriasis] Mordovtsev VN, et al. **Vestn Dermatol Venerol** 1984 Nov;(11):8–11 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Effect of grenz rays on Langerhans' cells in human epidermis. Lindelöf B, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):436–8

Ultraviolet radiation augments epidermal beta–adrenergic adenylate cyclase response. Iizuka H, et al. **J Invest Dermatol** 1985 May;84(5):401–3

Role of solar conditioning in DNA repair response and survival of human epidermal keratinocytes following UV irradiation. Liu SC, et al. **J Invest Dermatol** 1985 Aug;85(2):93–7

A preliminary study on the in vivo transmission of light through psoriatic plaques. Farr PM, et al. **Photodermatol** 1984 Apr;1(2):87–90

The effect of grenz rays on the expression of allergic contact dermatitis in man. Lindelöf B, et al. **Scand J Immunol** 1985 May;21(5):463–9

[Effect of infrared radiation on the kinetics of the guinea pig's epidermis cells. Comparison with UV radiation effect] Schmidt R, et al. **Z Hautkr** 1985 Jun 15;60(12):947–56 (Eng. Abstr.) **(Ger)**

[Differential responses of tumor and normal skin tissue to low dose rate radiations] Sasaki H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Feb;37(2):179–86 (Eng. Abstr.) **(Jpn)**

[Features of the intracellular repair of irradiated keratinocytes] Ponomareva TV, et al. **Arkh Anat Gistol Embriol** 1985 May;88(5):66–71 (Eng. Abstr.) **(Rus)**

SECRETION

Binding of concanavalin A to secretory epidermis in the fish Blennius sanguinolentus pallas: light microscopic and ultrastructural studies. Zaccone G, et al. **Basic Appl Histochem** 1985;29(2):135–47

ULTRASTRUCTURE

The dynamics of desquamation. Lessons to be learned from the ichthyoses. Williams ML. **Am J Dermatopathol** 1984 Aug;6(4):381–5 (47 ref.)

Fine structure of epidermal mucous cells of some Brazilian earthworms (Oligochaeta:Annelida). Alves CE, et al. **Anat Anz** 1985;158(3):263–71

Neutral lipid storage disease with ichthyosis. Defective lamellar body contents and intracellular dispersion. Elias PM, et al. **Arch Dermatol** 1985 Aug;121(8):1000–8

Composite keratohyaline granules in palmoplantar keratoderma: an ultrastructural study. Laurent R, et al. **Arch Dermatol Res** 1985;277(5):384–94

The coiled–coil molecules of intermediate filaments consist of two parallel chains in exact axial register. Parry DA, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):1012–8

Isolation, barrier properties and lipid analysis of stratum compactum, a discrete region of the stratum corneum. Bowser PA, et al. **Br J Dermatol** 1985 Jan;112(1):1–14

Fine structure of the abdominal epidermis of the adult mudpuppy, Necturus maculosus (Rafinesque). Lindinger MI. **Cell Tissue Res** 1984;238(2):395–405

The epidermal basement membrane: structure, ontogeny and role in disease. Katz SI. **Ciba Found Symp** 1984;108:243–59 (23 ref.)

Morphological and morphometric studies of rat interfollicular epidermis in the light and the electron microscope. Subrtová D. **Folia Morphol (Praha)** 1984;32(3):218–24

Morphometric studies of the epidermal–dermal junction in the rat ear: some effects of experimental friction on epidermis and anchoring fibrils. Banks WJ, et al. **J Anat** 1984 Oct;139 (Pt 3):425–35

Anchoring filaments of the amphibian epidermal–dermal junction traverse the basal lamina entirely from the plasma membrane of hemidesmosomes to the dermis. Ellison J, et al. **J Cell Sci** 1984 Dec;72:163–72

Ultrastructural studies of barrier restoration in epidermis of hairless mice following dimethyl sulfoxide application. Shackleford JM, et al. **J Cutan Pathol** 1984 Aug;11(4):259–68

Is there any specificity to defects of anchoring fibrils in epidermolysis bullosa dystrophica, and what does this mean in terms of pathogenesis? Briggaman RA. **J Invest Dermatol** 1985 May;84(5):371–3 (26 ref.)

Dermal and epidermal involvement in the evolution of acute eruptive guttate psoriasis vulgaris. Brody I. **J Invest Dermatol** 1984 May;82(5):465–70

Morphological and phenotypical characterization of bone marrow–derived dendritic Thy–1–positive epidermal cells of the mouse. Romani N, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):91s–95s

Evaluation of anchoring fibrils and other components of the dermal–epidermal junction in dystrophic epidermolysis bullosa by a quantitative ultrastructural technique. Tidman MJ, et al. **J Invest Dermatol** 1985 May;84(5):374–7

Ultrastructural morphometry of normal human dermal–epidermal junction. The influence of age, sex, and body region on laminar and nonlaminar components. Tidman MJ, et al. **J Invest Dermatol** 1984 Dec;83(6):448–53

Hyperkeratosis in Flegel's disease. Burmeister V, et al. **JAMA** 1985 Aug 9;254(6):810

Some new ultrastructural aspects on human epidermis and its Langerhans cells. Falck B, et al. **Scand J Immunol** 1985 May;21(5):409–16

Ultrastructural studies on rat skin autografts. Matthiessen ME, et al. **Scand J Plast Reconstr Surg** 1976;10(3):163–8

[Ultrastructure of the basement membrane of Geoplana carinata Riester 1938 (Platyhelminthes—Turbellaria)] Mombrum de Carvalho I, et al. **Z Mikrosk Anat Forsch** 1984;98(3):403–16 (Eng. Abstr.) **(Ger)**

[Granules in Langerhans' cells in Behcet's disease] Kohn S, et al. **Harefuah** 1984 Jun 15;106(12):554–6 (Eng. Abstr.) **(Heb)**

[Basal lamina formation by human epidermal cells in culture] Taniguchi s. **Nippon Hifuka Gakkai Zasshi** 1984 May;94(6):727–36 **(Jpn)**

[Dermo–epidermal separation by dispase and the effect of dispase treatment on the epidermal adenylate cyclase response] Watanabe M, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Dec;94(14):1631–8 **(Jpn)**

[Cytoarchitectonics and intercellular relations during posttraumatic regeneration of the epidermis] Shiliaeva LV. **Arkh Anat Gistol Embriol** 1984 Nov;87(11):82–8 (Eng. Abstr.) **(Rus)**

[Morphometric analysis of epidermal ultrastructure] Getling ZM, et al. **Vestn Dermatol Venerol** 1984 Nov;(11):30–5 (Eng. Abstr.) **(Rus)**

EPIDERMOID CYST see EPIDERMAL CYST

EPIDERMOLYSIS BULLOSA

Epidermolysis bullosa: a review. Cooper TW, et al. **Pediatr Dermatol** 1984 Jan;1(3):181–8 (49 ref.)

[Hereditary bullous epidermolysis] Schiazza L, et al. **Minerva Pediatr** 1985 Mar 31;37(5–6):223–42 (69 ref.) (Eng. Abstr.) **(Ita)**

COMPLICATIONS

Epidermolysis bullosa and amniotic bands. Marras A, et al. **Am J Med Genet** 1984 Dec;19(4):815–7

Subarachnoid and epidural anaesthesia for patients with epidermolysis bullosa. Spielman FJ, et al. **Can Anaesth Soc J** 1984 Sep;31(5):549–51

Epidermolysis bullosa letalis in the larynx causing acute respiratory failure: a case presentation and review of the literature. Glossop LP, et al. **Int J Pediatr Otorhinolaryngol** 1984 Jul;7(3):281–8

Epidermolysis bullosa simplex with keratoderma of the palms and soles. Haber RM, et al. **J Am Acad Dermatol** 1985 Jun;12(6):1040–4

Squamous cell carcinoma as a complication of dystrophic epidermolysis bullosa. Tidman MJ, et al. **J R Soc Med** 1984; 77 Suppl 4:37–9

Head and neck complications of epidermolysis bullosa. Kaluza C, et al. **Laryngoscope** 1985 May;95(5):599–600

Pyloric atresia associated with epidermolysis bullosa: special reference to pathogenesis. Chang CH, et al. **Pediatr Pathol** 1983 Oct–Dec;1(4):449–57

Management of squamous cell carcinoma in a patient with dominant-type epidermolysis bullosa dystrophica: a surgical challenge. Song IC, et al. **Plast Reconstr Surg** 1985 May;75(5):732–6

[Dystrophic epidermolysis bullosa with localized congenital absence of skin. A case report] Su HY, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Sep;83(9):966–71 (Eng. Abstr.) **(Chi)**

[Treatment of a tibial fracture in recessive epidermolysis bullosa herditaria dystrophica] Orthner E, et al. **Unfallheilkunde** 1984 Sep;87(9):393–6 (Eng. Abstr.) **(Ger)**

[Two cases of recessive dystrophic epidermolysis bullosa with squamous cell carcinoma] Takijiri C, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Dec;94(14):1591–7 **(Jpn)**

CONGENITAL

Bart's syndrome: report of a case. Carson KS. **Cutis** 1984 Oct;34(4):410–2

[Congenital epidermolysis bullosa of the Weber–Cockayne type] Verbenko EV, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):64–6 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Epidermolysis bullosa acquisita with negative direct immunofluorescence. Lacour JP, et al. **Arch Dermatol** 1985 Sep;121(9):1183–5

Bullous congenital ichthyosiform erythroderma masquerading as dystrophic epidermolysis bullosa. Hashimoto K, et al. **J Cutan Pathol** 1985 Apr;12(2):130–41

[A case of recessive dystrophic epidermolysis bullosa with a vegetative variant] Pincelli C, et al. **G Ital Dermatol Venereol** 1985 Mar–Apr;120(2):125–9 (Eng. Abstr.) **(Ita)**

DRUG THERAPY

Phenytoin and junctional epidermolysis bullosa [letter] Armoni M, et al. **Arch Dermatol** 1985 Feb;121(2):168–9

Aluminum chloride hexahydrate treatment of localized epidermolysis bullosa. Jennings JL. **Arch Dermatol** 1984 Oct;120(10):1382

Dystrophic epidermolysis bullosa treated unsuccessfully with oral zinc. Weismann K. **Arch Dermatol Res** 1985; 277(5):404–5

[Phenytoin in recessive dystrophic epidermolysis bullosa] Armoni M, et al. **Harefuah** 1984 Nov 15;107(10):285–7 (Eng. Abstr.) **(Heb)**

ENZYMOLOGY

Proteases are responsible for blister formation in recessive dystrophic epidermolysis bullosa and epidermolysis bullosa simplex. Takamori K, et al. **Br J Dermatol** 1985 May; 112(5):533–8

Stimulation of collagenase synthesis by a 20,000-dalton epithelial cytokine. Evidence for pretranslational regulation. Johnson–Wint B, et al. **J Biol Chem** 1985 Feb 25;260(4):2080–5

ETIOLOGY

Epidermolysis bullosa acquisita associated with chronic lymphatic leukaemia. Shaw M, et al. **Clin Exp Dermatol** 1985 Mar;10(2):162–8

[Acantholytic papulovesicular dermatosis and stomach cancer] Verret JL, et al. **Ann Dermatol Venereol** 1984; 111(8):771–2 **(Fre)**

FAMILIAL & GENETIC

Kindler syndrome in two related Kurdish families. Hacham–Zadeh S, et al. **Am J Med Genet** 1985 Jan; 20(1):43–8

Genetic linkage analysis of epidermolysis bullosa simplex, Köbner type. Mulley JC, et al. **Am J Med Genet** 1984 Nov; 19(3):573–7

Junctional epidermolysis bullosa and pyloric atresia in two siblings. Egan N, et al. **Arch Dermatol** 1985 Sep; 121(9):1186–8

Junctional epidermolysis bullosa in two siblings: clinical observations, collagen studies and electron microscopy. Oakley CA, et al. **Br J Dermatol** 1984 Nov;111(5):533–43

Lethal epidermolytic epidermolysis bullosa: a new autosomal recessive type of epidermolysis bullosa. Salih MA, et al. **Br J Dermatol** 1985 Aug;113(2):135–43

Genetic linkage analysis of epidermolysis bullosa dystrophica, Cockayne–Touraine type. Mulley JC, et al. **Clin Genet** 1985 Jul;28(1):31–5

[Epidermolysis bullosa hereditaria] Flügel M, et al. **Handchir Mikrochir Plast Chir** 1984 Dec;16(4):226–30 (Eng. Abstr.) **(Ger)**

[Epidermolysis bullosa dystrophica Bart (Bart syndrome)] Voss M. **Hautarzt** 1985 Jun;36(6):351–3 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Epidermolysis bullosa acquisita antigen is synthesized by human keratinocytes cultured in serum-free medium. Woodley DT, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1267–72

The basement membrane autoantigen in epidermolysis bullosa acquisita. Fine RM. **Int J Dermatol** 1984 Dec;23(10):646

An acquired form of epidermolysis bullosa without immunoreactants. Report of a case. Unis ME, et al. **J Am Acad Dermatol** 1985 Aug;13(2 Pt 2):377–80

Epidermolysis bullosa acquisita of the immunopathological type (dermolytic pemphigoid). Briggaman RA, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):79s–84s

Epidermolysis bullosa: variability of expression of cicatricial pemphigoid, bullous pemphigoid, and epidermolysis bullosa acquisita antigens in clinically uninvolved skin. Fine JD. **J Invest Dermatol** 1985 Jul;85(1):47–9

A mouse monoclonal antibody against a newly discovered basement membrane component, the epidermolysis bullosa acquisita antigen. Paller AS, et al. **J Invest Dermatol** 1985 Mar;84(3):215–7

METABOLISM

A specific defect in glycosylation of epidermal cell membranes. Definition in skin from patients with epidermolysis bullosa simplex. Fine JD, et al. **Arch Dermatol** 1985 Oct;121(10):1292–6

[Glycosaminoglycans of the blister fluid in epidermolysis bullosa dystrophica] Nagata M. **Nippon Hifuka Gakkai Zasshi** 1984 Oct;94(11):1259–63 **(Jpn)**

PATHOLOGY

Dystrophic epidermolysis bullosa. A new variant characterized by progressive symmetrical centripetal involvement with scarring. Fine JD, et al. **Arch Dermatol** 1985 Aug;121(8):1014–7

Epidermolysis bullosa: preliminary observations of blister formation in keratinocyte cultures. Leigh IM, et al. **Br J Dermatol** 1984 Nov;111(5):527–32

Evidence for a functional defect of the lamina lucida in recessive dystrophic epidermolysis bullosa demonstrated by suction blisters. Tidman MJ, et al. **Br J Dermatol** 1984 Oct;111(4):379–87

Epidermolysis bullosa acquisita—a pemphigoid-like disease. Gammon WR, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):820–32

Cicatricial junctional epidermolysis bullosa. Haber RM, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):836–44

Is there any specificity to defects of anchoring fibrils in epidermolysis bullosa dystrophica, and what does this mean in terms of pathogenesis? Briggaman RA. **J Invest Dermatol** 1985 May;84(5):371–3 (26 ref.)

Evaluation of anchoring fibrils and other components of the dermal–epidermal junction in dystrophic epidermolysis bullosa by a quantitative ultrastructural technique. Tidman MJ, et al. **J Invest Dermatol** 1985 May;84(5):374–7

[Epidermolysis bullosa atrophicans generalisata mitis] Zortea–Caflisch C. **Hautarzt** 1985 Mar;36(3):176–8 (Eng. Abstr.) **(Ger)**

[Acquired epidermolysis bullosa combined with thrombocytopenia] Potekaev NS, et al. **Vestn Dermatol Venerol** 1985 Jan;(1):56–61 (Eng. Abstr.) **(Rus)**

[Clinico-morphological changes in the skin and internal organs in congenital epidermolysis bullosa] Liashenko IN, et al. **Vrach Delo** 1984 Oct;(10):94–8 **(Rus)**

THERAPY

Management of esophageal stenosis in recessive dystrophic epidermolysis bullosa. Feurle GE, et al. **Gastroenterology** 1984 Dec;87(6):1376–80

Epidermolysis bullosa. Assessment of a treatment regimen. Haber RM, et al. **Int J Dermatol** 1985 Jun;24(5):324–8

[Ketamine anesthesia for a patient with epidermolysis bullosa dystrophica] Amano N, et al. **Masui** 1984 Aug;33(8):889–93 (Eng. Abstr.) **(Jpn)**

URINE

[Mucopolysaccharidurla in genetic dermatoses: hereditary epidermolysis bullosa, congenital ichthyosis and ectodermal dysplasia] László A, et al. **Z Hautkr** 1985 Feb 1;60(3):254–6 (Eng. Abstr.) **(Ger)**

VETERINARY

A mechanobullous disease with sub-basilar separation in Brangus calves. Thompson KG, et al. **Vet Pathol** 1985 May; 22(3):283–5

EPIDERMOPHYTON

ISOLATION & PURIFICATION

A clinical and mycologic study of tinea corporis and pedis in Puerto Rico. Vázquez M, et al. **Int J Dermatol** 1984 Oct;23(8):550–1

Epidermophyton floccosum infection in a dog from the United States. Terreni AA, et al. **Sabouraudia** 1985 Apr; 23(2):141–2

EPIDERMOPHYTOSIS see TINEA

EPIDERMOTOXINS see DERMOTOXINS

EPIDIDYMIS

Surface changes in chimpanzee sperm during epididymal transit. Young LG, et al. **Biol Reprod** 1985 Mar; 32(2):399–412

Immunoperoxidase study on adenomatoid tumor of the epididymis using anti–mesothelial cell serum. Mucientes F, et al. **Cancer** 1985 Jan 15;55(2):363–5

Epididymal melanotic neuroectodermal tumor of infancy. Ricketts RR, et al. **Hum Pathol** 1985 Apr;16(4):416–20

Papillary cyst adenoma of epididymis. A case report. Kedar GP, et al. **Indian J Pathol Microbiol** 1984 Oct;27(4):309–10

Secondary malignancies of the penis and epididymis: a case report and review of the literature. Powell BL, et al. **J Clin Oncol** 1985 Jan;3(1):110–6 (73 ref.)

Bilateral papillary cystadenoma of the epididymis as a component of von Hippel–Lindau's syndrome: report of a case presenting as infertility. de Souza Andrade J, et al. **J Urol** 1985 Feb;133(2):288–9

Bilateral clear cell papillary cystadenoma of the epididymides presenting as infertility: an early manifestation of von Hippel–Lindau's syndrome. Witten FR, et al. **J Urol** 1985 Jun;133(6):1062–4

Sonography of epididymal cystadenoma. Dershaw DD. **Urol Radiol** 1985;7(2):119–20

[Primary soft tissue tumors of the epididymis, paratesticular tissue and spermatic cord] Kosmehl H, et al. **Zentralbl Allg Pathol** 1985;130(1):5–12 (Eng. Abstr.) **(Ger)**

[Male adenomatoid tumor: report of two cases and a review of 100 cases in Japan] Yamada S, et al. **Hinyokika Kiyo** 1985 Jan;31(1):153–7 (Eng. Abstr.) **(Jpn)**

ABNORMALITIES

The influence of epididymal agenesis on the development and maturation of the testis: experimental model and clinical correlations. McCullough R, et al. **Urol Res** 1984; 12(3):165–70

[Dissociation of testis and epididymis in incomplete descent] Kropp W, et al. **Urologe [Ausg A]** 1985 Mar;24(2):108–9 (Eng. Abstr.) **(Ger)**

[Morphological study on the hypoplastic testis with aplasia of the epididymis, ductus deferens, and gland of the ductus deferens in the TW inbred rat] Ajisawa C, et al. **Jikken Dobutsu** 1985 Apr;34(2):189–95 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Androgens in male rat reproductive tract fluids: hypophysectomy and steroid replacement. Turner TT, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E274–80

Immunohistochemical studies on the localization of cellular retinol–binding protein in rat testis and epididymis. Kato M, et al. **Biol Reprod** 1985 Feb;32(1):173–89

Regional differences in luminal fluid polypeptides of the rat testis and epididymis revealed by two–dimensional gel electrophoresis. Olson GE, et al. **J Androl** 1985 Jan–Feb; 6(1):20–34

Phosphorylated secretory proteins from rat epididymis and their androgenic control. Mongkolsirikieat S, et al. **J Reprod Fertil** 1984 Nov;72(2):423–8

ANATOMY & HISTOLOGY

Morphology of the bovine epididymis. Goyal HO. **Am J Anat** 1985 Feb;172(2):155–72

Age–related changes in the cat testis and epididymis. Elcock LH, et al. **Am J Vet Res** 1984 Nov;45(11):2380–4

Anatomic distribution of lectin binding sites in mouse testis and epididymis [letter] Niemi M. **Differentiation** 1985; 29(1):98

Effects of plumbagin on reproductive function of male dog. Bhargava SK. **Indian J Exp Biol** 1984 Mar;22(3):153–6

[Histochemistry and cytochemistry of the mammalian epididymis] Sinowatz VF, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:151–8 (18 ref.) **(Ger)**

BLOOD SUPPLY

Left spermatic vein ligation in infertile patients without varicocele. Taşar C, et al. **Turk J Pediatr** 1984; 26(1–4):141–5

CYTOLOGY

Occurrence of an ecto–phosphoprotein phosphatase in goat epididymal spermatozoa. Barua M, et al. **Biochem Int** 1985 May;10(5):733–41

Radioautographic analysis of the secretory pathway for glycoproteins in principal cells of the mouse epididymis exposed to [3H] fucose. Flickinger CJ. **Biol Reprod** 1985 Mar;32(2):377–89

Differentiation of the rat epididymis after withdrawal of androgen. Delongeas JL, et al. **Cell Tissue Res** 1985;

241(3):657–62

Biochemical changes in some acrosomal enzymes of spermatozoa during maturation. Bhattacharyya A, et al. **Experientia** 1985 Jan 15;41(1):62–3

Strain differences in the concentration, motility and morphology of epididymal sperm in relation to puberty in mice. Albert M, et al. **Int J Androl** 1984 Aug;7(4):334–47

Culture of principal cells from the ram epididymis. A comparison of the morphology of principal cells in culture and in situ. Wagley LM, et al. **J Androl** 1984 Nov–Dec; 5(6):389–403

Testicular development, epididymal sperm reserves and seminal quality in two-year-old Hereford and Angus bulls: effects of two levels of dietary energy. Coulter GH, et al. **J Anim Sci** 1984 Aug;59(2):432–40

[Histologic changes in the mouse epididymis after vasectomy, with special reference to appearance of PAS-positive inclusions in the principal cells in the corpus epididymidis] Takano H, et al. **Kaibogaku Zasshi** 1984 Oct;59(5):610–6 (Eng. Abstr.) (Jpn)

DRUG EFFECTS

Effect of aspirin containing silastic implants placed adjacent to epididymis on fertility of rats. Ratnasooriya WD, et al. **Indian J Exp Biol** 1984 Feb;22(2):75–7

Studies of lesions induced in the testis and epididymis of F-344 rats by inhaled methyl chloride. Chapin RE, et al. **Toxicol Appl Pharmacol** 1984 Nov;76(2):328–43

ENZYMOLOGY

Angiotensin converting enzyme in the testis and epididymis of mammals. Jaiswal A, et al. **Andrologia** 1984 Sep–Oct; 16(5):410–6

Androgen dependence of testicular and epididymal angiotensin converting enzyme. Jaiswal AK, et al. **Andrologia** 1985 Jan–Feb;17(1):92–7

The assay and partial characterization of 3 beta-hydroxysteroid sulfotransferase of the hamster epididymis. Bouthillier M, et al. **Can J Biochem Cell Biol** 1985 Jan;63(1):71–6

Competition between seminal and exogenous proteinase inhibitors for sites on murine epididymal sperm. Aarons D, et al. **Contraception** 1985 Feb;31(2):177–84

Angiotensin-converting enzyme in the testis and epididymis: differential development and pituitary regulation of isozymes. Strittmatter SM, et al. **Endocrinology** 1985 Oct; 117(4):1374–9

Effect of orchidectomy and testosterone substitution on enzyme activities and DNA content in rat liver and epididymal fat. Haug A, et al. **Int J Biochem** 1985; 17(1):31–6

The origin of some acid hydrolases of the fluid of the rat cauda epididymidis. Mayorga LS, et al. **J Androl** 1985 Jul–Aug;6(4):243–5

Modulation of epididymal delta 4-steroid 5 alpha-reductase activity in vitro by the phospholipid environment. Cooke GM, et al. **J Biol Chem** 1985 Jun 25;260(12):7489–95

The purification of 3 beta-hydroxysteroid sulfotransferase of the hamster epididymis. Bouthillier M, et al. **J Steroid Biochem** 1985 Jun;22(6):733–8

5 Alpha- and 5 beta-reductases for 4-ene-3-ketosteroids and 17 beta-ol-dehydrogenase in epididymis and testis of golden hamster during sexual development. Tsuji M, et al. **J Steroid Biochem** 1984 Aug;21(2):179–83

Localization of hydroxysteroid dehydrogenases, glucose-6-phosphate dehydrogenase and diaphorase in the testis and epididymis of the brown spiny mouse, Mus platythrix, Bennet. Suresh R, et al. **Z Mikrosk Anat Forsch** 1984;98(4):535–42

GROWTH & DEVELOPMENT

Changes in the lipid content of boar sperm plasma membranes during epididymal maturation. Nikolopoulou M, et al. **Biochim Biophys Acta** 1985 May 28;815(3):486–98

Development changes occurring in the lipids of ram epididymal spermatozoa plasma membrane. Parks JE, et al. **Biol Reprod** 1985 Apr;32(3):653–68

The ontogeny of biologically active androgen-binding protein in rat plasma, testis, and epididymis. Danzo BJ, et al. **Endocrinology** 1985 Oct;117(4):1380–8

IMMUNOLOGY

Immunochemical localization of secretory antigens in the human epididymis and their association with spermatozoa. Tezón JG, et al. **Biol Reprod** 1985 Apr;32(3):591–7

INNERVATION

Studies of the guinea-pig epididymis. III. Innervation of epididymal segments. Greenberg J, et al. **Cell Tissue Res** 1985;239(2):395–404

[Adrenergic innervation of the smooth muscle cells of the cauda epididymis of the mouse] Nouhouayi Y, et al. **Acta Anat (Basel)** 1985;121(1):59–62 (Eng. Abstr.) (Fre)

METABOLISM

Lectin staining of rat testis and epididymis: effect of cyproterone acetate and testosterone. Arya M, et al. **Andrologia** 1985 May–Jun;17(3):301–10

Distribution of lectin binding in rat testis and epididymis. Arya M, et al. **Andrologia** 1984 Nov–Dec;16(6):495–508

Translation of messenger RNA from rat epididymis and identification of poly(A)RNA coding for acidic epididymal glycoprotein. Bartlett RJ, et al. **Ann NY Acad Sci** 1984; 438:29–38

Alpha-lactalbumin-like proteins in the male reproductive tract. Byers SW, et al. **Ann NY Acad Sci** 1984;438:8–17

Glycosidase activities in principal cells, basal cells, fibroblasts and spermatozoa isolated from the rat epididymis. Chapman DA, et al. **Biol Reprod** 1984 Nov;31(4):627–36

A sulfated glycoprotein synthesized by Sertoli cells and by epididymal cells is a component of the sperm membrane. Sylvester SR, et al. **Biol Reprod** 1984 Dec;31(5):1087–101

Identification of androgen-induced proteins in human epididymis. Tezón JG, et al. **Biol Reprod** 1985 Apr; 32(3):584–90

Atypical characteristics of the beta-adrenoceptor mediating cyclic AMP generation and lipolysis in the rat adipocyte. Bojanic D, et al. **Br J Pharmacol** 1985 Jan;84(1):131–7

Effect of mycotoxin (T-2 toxin) on catecholamine and Na+, K+-ATPase levels in rat epididymis. Singh US, et al. **Experientia** 1985 Mar 15;41(3):363–4

Differential distribution of dihydrotestosterone and estradiol binding sites in the epididymis of the mouse. An autoradiographic study. Schleicher G, et al. **Histochemistry** 1984;81(2):139–47

Testosterone and dihydrotestosterone levels in the epididymis, vas deferens and preputial gland of mice during sexual maturation. Jean-Faucher C, et al. **Int J Androl** 1985 Feb;8(1):44–57

Lectin-binding pattern of bull testis and epididymis. Arya M, et al. **J Androl** 1985 Jul–Aug;6(4):230–42

Receptor-mediated endocytosis of alpha 2-macroglobulin by principal cells in the proximal caput epididymidis in vivo. Djakiew D, et al. **J Androl** 1985 May–Jun;6(3):190–6

Localization of cellular retinol-binding protein and cellular retinoic acid-binding protein in the rat testis and epididymis. Porter SB, et al. **J Androl** 1985 May–Jun; 6(3):197–212

Androgen-binding proteins in sheep epididymis: age-related effects on androgen-binding protein, cytosolic androgen receptor and testosterone concentrations. Correlations with histological studies. Carreau S, et al. **J Endocrinol** 1984 Dec;103(3):281–6

Androgen-binding proteins in sheep epididymis: characterization of a cytoplasmic androgen receptor in the ram epididymis. Carreau S, et al. **J Endocrinol** 1984 Dec; 103(3):273–9

Resorption versus secretion in the rat epididymis. Turner TT. **J Reprod Fertil** 1984 Nov;72(2):509–14

Hormonal effects on the estrogen receptor system in the epididymis and accessory sex organs of sexually immature rabbits. Hendry WJ 3d, et al. **J Steroid Biochem** 1985 Jul; 23(1):39–49

Binding of [3H]aldosterone to a single population of cells within the rat epididymis. Hinton BT, et al. **J Steroid Biochem** 1985 Aug;23(2):231–3

Testosterone and dihydrotestosterone levels in epididymis, vas deferens, seminal vesicle and preputial gland of mice after hCG injection. Jean-Faucher C, et al. **J Steroid Biochem** 1985 Aug;23(2):201–5

Expression of pro-opiomelanocortin-like gene in the testis and epididymis. Chen CL, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5672–5

[Concentration of antimicrobial agents in male genital organs] Kataoka N. **Hinyokika Kiyo** 1983 Oct;29(10):1219–30 (Eng. Abstr.) (Jpn)

PATHOLOGY

Histopathological and morphometrical study of the human epididymis and testis. Oshima S, et al. **Acta Pathol Jpn** 1984 Nov;34(6):1327–42

Histopathology of experimental brucellosis in rams following vaccination with Brucella ovis. Rahaley RS, et al. **Aust Vet J** 1984 Nov;61(11):353–6

Epididymal lesion in tuberculoid leprosy. Pareek SS, et al. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):313

Isolated arteritis of the epididymis. Womack C, et al. **J Clin Pathol** 1985 Jul;38(7):797–800

Epididymal metastasis from prostatic carcinoma. Bahnson RR, et al. **Urology** 1985 Sep;26(3):296–7

Fibrosarcoma of epididymis. Dowling KJ, et al. **Urology** 1985 Sep;26(3):307–8

[A case of papillary cystadenoma of epididymis with chief complaint of male infertility] Sasagawa I, et al. **Hinyokika Kiyo** 1984 Oct;30(10):1489–96 (Eng. Abstr.) (Jpn)

PHYSIOLOGY

Maturation of spermatozoa in the epididymis of the Chinese hamster. Yanagimachi R, et al. **Am J Anat** 1985 Apr; 172(4):317–30

A study of rat epididymal sperm adenosine 3',5'-monophosphate-dependent protein kinases: maturation differences and cellular location. Atherton RW, et al. **Biol Reprod** 1985 Feb;32(1):155–71

Receptor-mediated endocytosis of alpha 2-macroglobulin and transferrin in rat caput epididymal epithelial cells in vitro. Djakiew D, et al. **Biol Reprod** 1984 Dec; 31(5):1073–85

Cauda epididymal sperm motility: a comparison among five species. Turner TT, et al. **Biol Reprod** 1985 Feb;32(1):120–8

Properties of human epididymal sperm obtained from an alloplastic spermatocele: motility assessment and penetration of zona-free hamster oocytes in the presence and absence of caffeine. Prins GS, et al. **Fertil Steril** 1985 Sep;44(3):401–5

Structural organisation within the epididymis and its functional implications. Patni MK, et al. **Indian J Physiol Pharmacol** 1984 Oct–Dec;28(4):268–74

Short-term effect of androgen deprivation on intraluminal pressure and contractility of the rat epididymis. Din-Udom A, et al. **J Reprod Fertil** 1985 Mar;73(2):405–10

Changes in calmodulin level and cAMP-dependent protein kinase activity during epididymal maturation of ram spermatozoa. Pariset CC, et al. **J Reprod Fertil** 1985 May; 74(1):105–12

Copulation induces an acute increase in epididymal sperm numbers in rats. Taylor GT, et al. **J Reprod Fertil** 1985 Mar;73(2):323–7

Testicular descent [editorial]. Marshall FF. **Urol Res** 1985; 13(3):109

PHYSIOPATHOLOGY

Evaluation of epididymal function through specific protein on spermatozoa. Del Río AG, et al. **Arch Androl** 1984; 12(2–3):195–6

[Effect of the epididymis on male fertility] Glander HJ. **Z Urol Nephrol** 1984 Sep;77(9):551–7 (Eng. Abstr.) (Ger)

SECRETION

The secretory pathway in the mouse epididymis as shown by electron microscope radioautography of principal cells exposed to monensin. Flickinger CJ, et al. **Anat Rec** 1984 Nov;210(3):435–48

Characterization of a 22 kDa protein with widespread tissue distribution but which is uniquely present in secretions of the testis and epididymis and on the surface of spermatozoa. Brooks DE. **Biochim Biophys Acta** 1985 Jul 26;841(1):59–70

Histochemical study of epididymal secretions in the lizard, Lacerta vivipara. Localization of lectin-binding sites. Depeiges A, et al. **Cell Tissue Res** 1985;239(2):463–6

Protein secretion by the rat epididymis can be selectively modified in vitro by local anesthetics, glucose deprivation, dinitrophenol, ouabain, and ionophores. Brooks DE. **J Androl** 1984 Sep–Oct;5(5):351–60

Secretion of p-aminohippurate by the rat epididymis. Qiu JP, et al. **J Physiol (Lond)** 1985 Jul;364:241–8

Luminal secretion of myo-inositol by the rat epididymis perfused in vitro. Cooper TG, et al. **J Reprod Fertil** 1985 May;74(1):135–44

SURGERY

Monolateral tubulovasostomy. Report of four cases. Belgrano E, et al. **J Androl** 1984 Sep–Oct;5(5):330–3

Microsurgically splinted tubulovasostomy in the rat: modified technique. Papadopoulos I, et al. **Urol Int** 1985;40(2):112–5

Functional evaluation of new experimental model of microsurgical tubulovasostomy in rat. Tritto G, et al. **Urology** 1985 Feb;25(2):165–70

[Microsurgical experimental studies in urology and their film documentation] Fuhse J, et al. **Z Exp Chir Transplant Kunstliche Organe** 1985;18(1):51–8 (Eng. Abstr.) (Ger)

[Results following microsurgical epididymovasotomy] Zepnick H, et al. **Z Urol Nephrol** 1985 Feb;78(2):105–10 (Eng. Abstr.) (Ger)

ULTRASTRUCTURE

Ultrastructure of the epididymal epithelium of rhesus monkey (Macaca mulatta). Bajpai VK, et al. **Acta Eur Fertil** 1985 May–Jun;16(3):207–17

Ultrastructural features of epididymal spermatophagy in subfertile chromosomally derived mice. Malorni W, et al. **Arch Androl** 1984;13(2–3):289–97

Morphometric analysis of coated pits and vesicles in the proximal and distal caput epididymidis. Paulson HL, et al. **Biol Reprod** 1985 Feb;32(1):191–202

Papillary cystadenoma of the epididymis. Greka HK, et al. **Br J Urol** 1985 Jun;57(3):356–7

Ultrastructure of the epididymis of the tammar, Macropus eugenii, and its relationship to sperm maturation. Jones RC, et al. **Cell Tissue Res** 1984;237(3):525–35

Histogenesis of adenomatoid tumour associated to pseudofibromatous periorchitis in an infant with hydrocele. Nistal M, et al. **J Pathol** 1984 Dec;144(4):275–80

EPIDIDYMITIS

Acute epididymitis: experience with 123 cases. Vordermark JS 2d. **Milit Med** 1985 Jan;150(1):27–30

CHEMICALLY INDUCED

Amiodarone-associated epididymitis: drug-related epididymitis in the absence of infection. Gasparich JP, et al. **J Urol** 1985 Jun;133(6):971–2

Non-infectious epididymitis associated with amiodarone therapy [letter] Gasparich JP, et al. **Lancet** 1984 Nov 24; 2(8413):1211–2

COMPLICATIONS

A possible role of Chlamydia trachomatis as a causative agent in epididymal infertility. Gerris J, et al. **Acta Eur Fertil** 1985 May-Jun;16(3):179-82

DIAGNOSIS

Sonography quiz. Epididymo-orchitis. Marques B, et al. **Bol Asoc Med PR** 1984 Jul;76(7):323-4

Hemophilus influenzae epididymo-orchitis. Weber TR. **J Urol** 1985 Mar;133(3):487

Tuberculous epididymitis as a cause of testicular pseudomalignancy in two young children. Cabral DA, et al. **Pediatr Infect Dis** 1985 Jan-Feb;4(1):59-62

[Characteristics of bacterial infection in chronic nonspecific epididymitis] Karapandov M, et al. **Akush Ginekol (Sofiia)** 1985;24(1):73-5 (Eng. Abstr.) **(Bul)**

DRUG THERAPY

[Spectinomycin in the treatment of complications of gonorrhea in men] Stapiński A, et al. **Przegl Dermatol** 1984 Sep-Oct;71(5):477-82 (Eng. Abstr.) **(Pol)**

ETIOLOGY

The aetiology and management of acute epididymitis. Redfern TR, et al. **Br J Surg** 1984 Sep;71(9):703-5

Acute suppurative epididymitis in an intra-abdominal testis. Hassan KE, et al. **Br J Urol** 1985 Apr;57(2):244-5

Leukaemic epididymitis in acute lymphoblastic leukaemia [letter] Falda M, et al. **Haematologica (Pavia)** 1984 Nov-Dec;69(6):764-5

A late post-vasectomy syndrome. Selikowitz SM, et al. **J Urol** 1985 Sep;134(3):494-7

Ectopic ureter presenting with epididymitis in childhood: report of 5 cases. Umeyama T, et al. **J Urol** 1985 Jul;134(1):131-3

Postvasectomy congestive epididymitis [letter] Schmidt SS, et al. **JAMA** 1985 Feb 8;253(6):776

Interferon-induced parotitis and epididymitis [letter] Bevan PC. **Lancet** 1985 Sep 7;2(8454):561

Recurrent chronic epididymitis as an initial symptom of colovesical fistula. Godec CJ, et al. **NY State J Med** 1985 May;85(5):222-4

Epididymitis, orchitis, and related conditions. Krieger JN. **Sex Transm Dis** 1984 Jul-Sep;11(3):173-81 (92 ref.)

Gonococcal epididymitis and pyelonephritis in a male. Panwalker AP. **Urology** 1985 Jun;25(6):630-1

[Spontaneous orchi-epididymitis due to necrosis of ischemic vascular origin] Loup J. **Ann Urol (Paris)** 1984 Feb;18(1):38-9 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

Cellular transfer of autoimmune aspermogenic orchiepididymitis (AIAO) by the i.v. route in the guinea pig. Toullet F, et al. **Clin Exp Immunol** 1985 Mar;59(3):593-603

Effect of epididymal administration of Freund's complete adjuvant on autoimmune response to spermatozoa in vasectomized rats. Allag IS, et al. **Indian J Exp Biol** 1984 Jul;22(7):363-6

PATHOLOGY

Acute epididymitis with abscess formation in an infant. Kann D, et al. **Acta Chir Scand** 1985;151(4):377-8

A 39-year-old man with a testicular mass [clinical conference] **NY State J Med** 1984 Dec;84(12):611-7

[Morphological picture of the testes in cases of epididymitis] Bechcińska B, et al. **Patol Pol** 1984 Apr-Jun;35(2):213-21 (Eng. Abstr.) **(Pol)**

PHYSIOPATHOLOGY

Testicular blood flow in experimental torsion and epididymo-orchitis measured by 133Xe clearance technique in rabbits. Unlüer SE, et al. **Urol Res** 1984;12(3):183-6

PREVENTION & CONTROL

Vasectomy to prevent acute epididymo-orchitis after prostatic adenomectomy: still a controversy. Richter S, et al. **Urol Int** 1984;39(5):283-5

Protection of rams against epididymitis by a Brucella ovis-vitamin E adjuvant vaccine. Afzal M, et al. **Vet Immunol Immunopathol** 1984 Oct;7(3-4):293-304

RADIOGRAPHY

Intravenous urography as a routine investigation in epididymitis. Murshidi MS. **Br J Urol** 1985 Jun;57(3):338-40

RADIONUCLIDE IMAGING

Evaluation of acute scrotum pain with testicular scanning. May DC, et al. **Ann Emerg Med** 1985 Jul;14(7):696-9

[The usefulness of scrotal scintigraphy in acute intra-scrotal lesions with special reference to differential diagnosis of spermatic cord torsion from epididymitis] Otsuka N, et al. **Kaku Igaku** 1985 Mar;22(3):331-7 (Eng. Abstr.) **(Jpn)**

SURGERY

Cutaneous vasostomy: technique for treatment of chronic and recurrent epididymitis. Falco G, et al. **Urology** 1985 Jul;26(1):17-9

[Treatment of patients with acute inflammatory diseases of the scrotal organs] Fedorchenko PM, et al. **Urol Nefrol (Mosk)** 1985 May-Jun;(3):38-40 (Eng. Abstr.) **(Rus)**

VETERINARY

Production and preliminary characterization of monoclonal antibodies to Actinobacillus sp isolated from epididymitis lesions in a ram. Healey MC, et al. **Am J Vet Res** 1985 Jun;46(6):1297-302

Breeding difficulties with a stud dog. Johnstone I. **Aust Vet J** 1985 Feb;62(2):65

Prevalence and causes of ram epididymitis in Utah. Bagley CV, et al. **J Am Vet Med Assoc** 1985 Apr 15;186(8):798-801

Effect of epididymitis on semen quality of rams. Bagley CV, et al. **J Am Vet Med Assoc** 1984 Oct 15;185(8):876-7

Characterization of Brucella ovis lipopolysaccharide and its use for diagnosis of ram epididymitis by enzyme-linked immunosorbent assay. Afzal M, et al. **J Clin Microbiol** 1984 Dec;20(6):1159-64

Epididymitis of rams in the central and southern districts of the Orange Free State. De Wet JA, et al. **J S Afr Vet Assoc** 1984 Dec;55(4):173-9

EPIDURAL SPACE see under **SPINAL CANAL**

EPIGLOTTIS

Two cases of vallecular cyst presenting with acute stridor. Albert DM, et al. **J Laryngol Otol** 1985 Apr;99(4):421-5

[Tilting of the epiglottis following thoracic sympathectomy] Reichelt HG. **ROFO** 1985 May;142(5):582-3 **(Ger)**

ABNORMALITIES

Bifid epiglottis, hand anomalies, and congenital hypopituitarism [letter] Graham JM, et al. **Lancet** 1985 Aug 24;2(8452):443

INNERVATION

Ultrastructure of the glomerular corpuscular nerve endings in the subepithelium of human epiglottis. Chiba T, et al. **Arch Histol Jpn** 1985 Apr;48(2):213-21

[Free axon endings in the mouse epiglottis] Böck P. **Z Mikrosk Anat Forsch** 1984;98(6):813-31 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Primary oat cell carcinoma of the larynx. Coakley JF. **J Laryngol Otol** 1985 Mar;99(3):301-3

RADIOGRAPHY

Retention cyst of the epiglottis: CT appearance. Stark P. **J Comput Assist Tomogr** 1985 May-Jun;9(3):582-3

SURGERY

Recurrent acute adult epiglottitis treated by epiglottectomy. Blome M, et al. **Ear Nose Throat J** 1985 May;64(5):255-8

Epiglottic reconstruction after supraglottic laryngectomy. Calcaterra TC. **Laryngoscope** 1985 Jul;95(7 Pt 1):786-9

[Reconstructive anterior frontal laryngectomy. Tucker's operation] Pech A, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(3):255-60 (Eng. Abstr.) **(Fre)**

ULTRASTRUCTURE

Intercellular junctions in upper airway submucosal glands of the rat: a tracer and freeze fracture study. Schneeberger EE, et al. **Anat Rec** 1984 Nov;210(3):421-33

EPIGLOTTITIS see under **LARYNGITIS**

EPILATION see **HAIR REMOVAL**

EPILEPSY

see related
KINDLING (NEUROLOGY)

Joint meeting of British, Danish and Dutch chapters of the International League against Epilepsy. October 10-12,1984, Elsinore, Denmark. Abstracts. **Acta Neurol Scand** 1984 Sep;70(3):204-54

Seizure disorders. The Dade County experience from 1978 to 1982. Copeland AR. **Am J Forensic Med Pathol** 1984 Sep;5(3):211-5

Obstetric outcome in women with epilepsy. Hiilesmaa VK, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):499-504

Epilepsy and pregnancy. Svigos JM. **Aust NZ J Obstet Gynaecol** 1984 Aug;24(3):182-5

Epilepsy and employment [editorial] Gloag D. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):2-3

Abstracts from the 11th annual conference on childhood epilepsies in Kanto District, Tokyo, March 23, 1984. **Brain Dev** 1985;7(1):69-79

Public attitudes toward epilepsy in Italy: results of a survey and comparison with U.S.A. and West German data. Canger R, et al. **Epilepsia** 1985 May-Jun;26(3):221-6

Natural history and prognosis of the epilepsies. Drury I. **Ir Med J** 1985 Apr;78(4):104-6

Epilepsy and insanity [letter] Hamilton JR. **Lancet** 1984 Oct 27;2(8409):989

Epilepsy and swimming [letter] Freeman JM. **Pediatrics** 1985 Jul;76(1):139

[Epileptology. Prognostic expertise] Servit Z. **Cesk Neurol Neurochir** 1984 Aug;47(4):225-32 **(Cze)**

[How do various occupational groups perceive epileptics?] Hebenstreit GF. **Schweiz Rundsch Med Prax** 1985 Jul 16;74(29):784-7 (Eng. Abstr.) **(Ger)**

[Current progress in research and treatment of epilepsy] Jibiki I. **Seishin Shinkeigaku Zasshi** 1984;86(12):968-75 (34 ref.) **(Jpn)**

BLOOD

Thyroid function in epileptic mothers and their infants at birth. Carriero R, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):641-4

Serum prolactin and cortisol levels in evaluation of pseudoepileptic seizures. Pritchard PB 3d, et al. **Ann Neurol** 1985 Jul;18(1):87-9

Biotin status of epileptics. Krause KH, et al. **Ann NY Acad Sci** 1985;447:297-313

Plasma prolactin and cortisol concentrations in epileptic patients during the night. Cavallo A, et al. **Arch Neurol** 1984 Nov;41(11):1179-82

Fluorescence polarization immunoassay and enzyme immunoassay compared for free valproic acid in serum ultrafiltrates from epileptic patients [letter] Haidukewych D. **Clin Chem** 1985 Jan;31(1):156

High alpha 1-acid glycoprotein concentrations in serum of epileptic children being treated with carbamazepine [letter] Riva R, et al. **Clin Chem** 1985 Jan;31(1):150-1

Free and total serum concentrations of carbamazepine and carbamazepine-10,11-epoxide in infancy and childhood. Riva R, et al. **Epilepsia** 1985 Jul-Aug;26(4):320-2

PB:PRM ratio in patients with epilepsy treated with primidone. Cornaggia CM, et al. **Int J Clin Pharmacol Res** 1983;3(3):185-93

Precursor prothrombin status in patients receiving anticonvulsant drugs. Davies VA, et al. **Lancet** 1985 Jan 19;1(8421):126-8

Prolactin changes after seizures classified by EEG monitoring. Laxer KD, et al. **Neurology** 1985 Jan;35(1):31-5

Serum prolactin levels after epileptic seizures. Wyllie E, et al. **Neurology** 1984 Dec;34(12):1601-4

Precursor prothrombin status in two mother-infant pairs following gestational anticonvulsant therapy. Argent AC, et al. **Pediatr Pharmacol (New York)** 1984;4(3):183-7

Hormone binding globulins and anticonvulsant therapy. Beastall GH, et al. **Scott Med J** 1985 Apr;30(2):101-5

Immunoglobulins in epilepsy. Aarli JA. **Springer Semin Immunopathol** 1985;8(1-2):5-28 (68 ref.)

Steady-state serum levels of anticonvulsant drugs in Chinese epileptic patients living in Taiwan. Lai ML. **Ther Drug Monit** 1985;7(1):83-6

Free and total plasma concentrations of carbamazepine and carbamazepine-10,11-epoxide in epileptic patients: diurnal fluctuations and relationship with side effects. Riva R, et al. **Ther Drug Monit** 1984;6(4):408-13

Nonlinear pharmacokinetics of CI-912 in adult epileptic patients. Wagner JG, et al. **Ther Drug Monit** 1984;6(3):277-83

Clinical implications of serum protein binding in epileptic children during sodium valproate maintenance therapy. Yu HY. **Ther Drug Monit** 1984;6(4):414-23

Plasma vitamin E (alpha tocopherol) levels in normal children and in epileptic children with and without anticonvulsant drug therapy. Ogunmekan AO. **Trop Geogr Med** 1985 Jun;37(2):175-7

[Changes in the blood levels of ceruloplasmin and zinc in children treated with antiepileptics] Sztriha L, et al. **Orv Hetil** 1985 Apr 7;126(14):835-6 (Eng. Abstr.) **(Hun)**

[The variability of plasma protein binding of phenytoin in epileptic patients with hypoalbuminemia] Mamada K, et al. **Yakugaku Zasshi** 1985 May;105(5):475-80 (Eng. Abstr.) **(Jpn)**

[Efficient serum concentrations after single doses of antiepileptic drugs: concept of loading-dose] Bittencourt PR, et al. **Arq Neuropsiquiatr** 1985 Mar;43(1):11-6 (Eng. Abstr.) **(Por)**

CEREBROSPINAL FLUID

Increased concentrations of aspartic acid in the cerebrospinal fluid of patients with epilepsy and trigeminal neuralgia: an effect of medication? Engelsen B, et al. **Acta Neurol Scand** 1984 Aug;70(2):70-6

Cerebrospinal fluid gamma-aminobutyric acid levels in children with different types of epilepsy: effect of anticonvulsant treatment. Löscher W, et al. **Epilepsia** 1985 Jul-Aug;26(4):314-9

Reduction of biogenic amine levels in the Rett syndrome. Zoghbi HY, et al. **N Engl J Med** 1985 Oct 10;313(15):921-4

CHEMICALLY INDUCED

Parenteral isoniazid as experimental model of epilepsy in rats. Bo GP, et al. **Acta Neurol (Napoli)** 1985 Feb;7(1):21-6

Brain methylation and epileptogenesis: the case of methionine sulfoximine. Sellinger OZ, et al. **Ann Neurol** 1984;16

Suppl:S115–20

Generalised epileptic fits in renal transplant recipients given cyclosporin A. Shah D, et al. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1347–8

Bicuculline epileptogenesis in the rat. Campbell AM, et al. **Brain Res** 1984 Dec 10;323(2):239–46

Do kainate-lesioned hippocampi become epileptogenic? Franck JE, et al. **Brain Res** 1985 Mar 11;329(1–2):309–13

Penicillin-induced epileptic phenomena in the rabbit's neocortex I. The development of interictal spikes after epicortical application of penicillin. Pockberger H, et al. **Brain Res** 1984 Sep 10;309(2):247–60

Penicillin-induced epileptic phenomena in the rabbit's neocortex II. Laminar specific generation of interictal spikes after the application of penicillin to different cortical depths. Pockberger H, et al. **Brain Res** 1984 Sep 10; 309(2):261–9

The colchicine experimental epileptic focus: an intracellular study. Reynolds AF, et al. **Brain Res** 1984 Nov 26; 322(2):326–8

'Epileptic' brain damage is replicated qualitatively in the rat hippocampus by central injection of glutamate or aspartate but not by GABA or acetylcholine. Sloviter RS, et al. **Brain Res Bull** 1985 Jul;15(1):39–60

Postsynaptic actions of baclofen associated with its antagonism of bicuculline-induced epileptogenesis in hippocampus. Brady RJ, et al. **Cell Mol Neurobiol** 1984 Dec;4(4):403–8

Bicuculline methiodide in the blood-brain barrier-epileptogen model of epilepsy. Remler MP, et al. **Epilepsia** 1985 Jan–Feb;26(1):69–73

Altered time course of changes in the hippocampal concentration of excitatory and inhibitory amino acids during kainate-induced epilepsy. Nicoletti F, et al. **Eur J Pharmacol** 1984 Aug 3;103(1–2):133–7

Neuronal effects of water-soluble contrast agents. Bryan RN, et al. **Invest Radiol** 1984 Jul–Aug;19(4):329–32

Extracellular potassium concentration in chronic alumina cream foci of cats. Heinemann U, et al. **J Neurophysiol** 1984 Sep;52(3):421–34

Epileptogenic activity induced by intravenous injection of certain cephalosporins in rats. Yu QH, et al. **J Pharmacobiodyn** 1984 Aug;7(8):586–92

Aluminium overload, a predisposing condition for epileptic seizures in renal-transplant patients treated with cyclosporin? [letter] Nordal KP, et al. **Lancet** 1985 Jul 20; 2(8447):153–4

Epileptogenic action of penicillin derivatives: structure-activity relationship. Esplin B, et al. **Neuropharmacology** 1985 Jun;24(6):571–5

Maturation of kainic acid seizure-brain damage syndrome in the rat. III. Postnatal development of kainic acid binding sites in the limbic system. Berger ML, et al. **Neuroscience** 1984 Dec;13(4):1095–104

The role of brain edema in epileptic brain damage induced by systemic kainic acid injection. Lassmann H, et al. **Neuroscience** 1984 Nov;13(3):691–704

Maturation of kainic acid seizure-brain damage syndrome in the rat. II. Histopathological sequelae. Nitecka L, et al. **Neuroscience** 1984 Dec;13(4):1073–94

Maturation of kainic acid seizure-brain damage syndrome in the rat. I. Clinical, electrographic and metabolic observations. Tremblay E, et al. **Neuroscience** 1984 Dec; 13(4):1051–72

'Time-less' risks (a hazard of risk assessment: the example of seizure and antidepressants). Leber P. **Psychopharmacol Bull** 1985;21(2):334–8

[Brain stem auditory evoked potentials in 'alcoholic epilepsy'] Touchon J, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Nov; 14(2):133–7 (Eng. Abstr.) (Fre)

[Drugs, poisoning and epileptic crises] Foletti GB, et al. **Rev Med Suisse Romande** 1985 Apr;105(4):349–62 (Fre)

[Effects of zinc sulfate on limbic motor epilepsy induced by kainic acid] Bertino R, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1721–5 (Eng. Abstr.) (Ita)

[Regional cerebral blood flow in limbic seizures induced by microinjection of kainic acid into amygdala in cats] Makino K, et al. **No To Shinkei** 1984 Jul;36(7):673–9 (Eng. Abstr.) (Jpn)

[Threshold of penicillin induced epileptiform afterdischarge in brain slices of guinea pig] Yuasa H, et al. **No To Shinkei** 1985 Apr;37(4):371–6 (Eng. Abstr.) (Jpn)

CLASSIFICATION

Proposal for classification of epilepsies and epileptic syndromes. Commission on Classification and Terminology of the International League Against Epilepsy. **Epilepsia** 1985 May–Jun;26(3):268–78

Classification of the epilepsies: an investigation of 945 patients in a developing country. Danesi MA. **Epilepsia** 1985 Mar–Apr;26(2):131–6

Current classification of epilepsies. Guide to seizure type and characteristics. Wilder BJ, et al. **Postgrad Med** 1985 Mar; 77(4):188–94, 199

[Classification of epilepsy] Hess R. **Schweiz Med Wochenschr** 1984 Dec 15;114(50):1891–6 (Eng. Abstr.) (Ger)

[Significance of the EEG for various classifications of epilepsies. Results in 856 epileptic children] Wässer S, et al. **Zentralbl Neurochir** 1984;45(4):318–25 (Eng. Abstr.) (Ger)

COMPLICATIONS

Pseudoseizure in a child with epilepsy [letter] Herskowitz J, et al. **Am J Psychiatry** 1985 Mar;142(3):390–1

Psychotic syndromes in epilepsy. McKenna PJ, et al. **Am J Psychiatry** 1985 Aug;142(8):895–904

Sustained myoclonus in a woman with startle epilepsy [letter] Bejar JM, et al. **Ann Neurol** 1985 Jul;18(1):101–3

Psychopathology and epilepsy [letter] Burton-Bradley BG. **Biol Psychiatry** 1985 Feb;20(2):229

Epilepsy and psychopathology [letter] Murray GB. **Biol Psychiatry** 1984 Nov;19(11):1591–3

Epileptic psychosis: an evaluation of PSE profiles. Perez MM, et al. **Br J Psychiatry** 1985 Feb;146:155–63

Migraine and benign epilepsy with Rolandic spikes in childhood: a case-control study. Santucci M, et al. **Dev Med Child Neurol** 1985 Feb;27(1):60–2

Epileptic nystagmus. Beun AM, et al. **Epilepsia** 1984 Oct; 25(5):609–14

Identification of neuropsychological deficits in epilepsy using the Luria-Nebraska Neuropsychological Battery: a replication attempt. Hermann BP, et al. **J Clin Exp Neuropsychol** 1985 Jun;7(3):305–13

Scoliosis due to epilepsia partialis continua. Winter RB, et al. **J Pediatr Orthop** 1985 Jan–Feb;5(1):94–6

Seizures in childhood lymphoblastic leukaemia patients. Ochs JJ, et al. **Lancet** 1984 Dec 22;2(8417–18):1422–4

Modulation of presynaptic gamma aminobutyric acid release by prostaglandin E2: explanation for epileptogenic activity and dysfunction in autonomic cardiac neural discharge leading to arrhythmias? Suter LE, et al. **Med Hypotheses** 1984 Sep;15(1):15–30 (35 ref.)

Psychiatric complications of epilepsy. Green JB, et al. **Neurol Clin** 1984 Feb;2(1):103–12 (32 ref.)

Epileptic amnesic attacks: benefit from antiepileptic drugs. Pritchard PB 3d, et al. **Neurology** 1985 Aug;35(8):1188–9

Polygraphic study of vestibular stimulation in epileptic patients. Tartara A, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Dec; 14(3):227–34

[Epilepsy and child psychoses] Soulayrol R, et al. **Psychiatr Enfant** 1984;27(2):355–415 (Fre)

[Episodes of apnea in an infant: unusual forms of epileptic seizures] Sanmarti FX, et al. **Rev Electroencephalogr Neurophysiol Clin** 1985 Apr; 14(4):269–75 (Eng. Abstr.) (Fre)

[Problems of pregnancy in epileptic mothers] Giroud M. **Rev Fr Gynecol Obstet** 1984 Jun;79(6):455–8 (Eng. Abstr.) (Fre)

[Arrhythmia and epilepsy: which does what?] Beuret P, et al. **Rev Med Suisse Romande** 1984 Sep;104(9):701–4 (Fre)

[EEG findings in 130 enuretics with special reference to spike potentials] Fehlow P. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Apr;37(4):221–7 (Eng. Abstr.) (Ger)

[The epileptic mother and her child] Philbert A, et al. **Wien Klin Wochenschr** 1984 Nov 9;96(21):786–90 (Eng. Abstr.) (Ger)

[Neglected diseases in pedodontics] Bollobás E. **Fogorv Sz** 1985 Jul;78(7):211–5 (Eng. Abstr.) (Hun)

[Alternating epileptic psychoses. Review of the literature and clinical cases] Torre E, et al. **Minerva Psichiatr** 1984 Oct–Dec;25(4):245–51 (Eng. Abstr.) (Ita)

[Dynamics of neurologic disorders in epileptics] Bova VE. **Zh Nevropatol Psikhiatr** 1985;85(6):886–8 (Eng. Abstr.) (Rus)

[Role of the clinical polymorphism of epileptic psychoses in determining the prognosis for patient disability] Kazakovtsev BA. **Zh Nevropatol Psikhiatr** 1985; 85(6):805–10 (Eng. Abstr.) (Rus)

[Several subclinical forms of epileptic dysphoria and their ambulatory treatment] Sviridova EI, et al. **Zh Nevropatol Psikhiatr** 1985;85(6):837–9 (Eng. Abstr.) (Rus)

[Neurotic disorders in epilepsy and their treatment by technics of psychotherapy and reflexotherapy] Sviridova EI, et al. **Zh Nevropatol Psikhiatr** 1984;84(9):1381–5 (Eng. Abstr.) (Rus)

[Paranoid states in epileptics] Jorgić-Hauptfeld S. **Neurologija** 1984;33(3–4):97–103 (Eng. Abstr.) (Scr)

[Interictal psychopathologic manifestations in epileptics] Barraquer-Bordas L. **Med Clin (Barc)** 1985 Jun 15; 85(3):114–7 (Spa)

CONGENITAL

[Energetic role of the plasma and mitochondrial membranes of neurons in antenatal pathology with increased convulsive susceptibility (review)] Pogodaev KI. **Zh Nevropatol Psikhiatr** 1985;85(3):450–5 (60 ref.) (Rus)

DIAGNOSIS

Nocturnal sleep stereo-electroencephalography and polygraphy in epileptics. Faber J, et al. **Acta Univ Carol [Med Monogr] (Praha)** 1984;108:1–145

Cardiac arrhythmias misdiagnosed as epilepsy. Rutter N, et al. **Arch Dis Child** 1985 Jan;60(1):54–6

Choice of electroencephalographic investigation [editorial] Stores G. **Arch Dis Child** 1985 Jan;60(1):3–5

Postictal serum creatine kinase in the diagnosis of seizure disorders. Wyllie E, et al. **Arch Neurol** 1985 Feb; 42(2):123–6

Cough syncope mimicking epilepsy in asthmatic children. Haslam RH, et al. **Can J Neurol Sci** 1985 Feb;12(1):45–7

The benign infantile epilepsies with evoked spikes. DeMarco P. **Clin Electroencephalogr** 1985 Jan;16(1):39–44

The success of EEG in confirming epilepsy—revisited. Hughes JR, et al. **Clin Electroencephalogr** 1985 Apr; 16(2):98–103

Small sharp spikes revisited: further data on this controversial pattern. Hughes JR, et al. **Clin Electroencephalogr** 1984 Oct; 15(4):208–13

Mid-line epileptiform activity in adult electroencephalograms. Moiaie M. **Clin Electroencephalogr** 1985 Jan;16(1):54–61

Midline spike discharges: clinical and EEG correlates. Pourmand RA, et al. **Clin Electroencephalogr** 1984 Oct; 15(4):232–6

Experience with continuous ambulatory EEG monitoring. Berkovic SF, et al. **Clin Exp Neurol** 1984;20:37–46

Automatic detection of spike-and-wave bursts in ambulatory EEG recordings. Koffler DJ, et al. **Electroencephalogr Clin Neurophysiol** 1985 Aug; 61(2):165–80

Long-term monitoring in epilepsy. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985;37:1–444

Monitoring at the Instituut voor Epilepsiebestrijding Meer en Bosch. Binnie CD, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:341–55

Monitoring at the West Haven VA/Yale University School of Medicine Epilepsy Center. Ebersole JS, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:357–69

Monitoring at the Swiss Epilepsy Center. Egli M, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:371–84

Long-term monitoring in epilepsy. Gloor P. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:xiii–xx

Seizure recognition and analysis. Gotman J. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:133–45

Monitoring at the Montreal Neurological Institute. Gotman J, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:327–40

Behavior disorders related to epilepsy. Gumnit RJ. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:313–23

Monitoring at the Baylor College of Medicine, Houston. Kellaway P, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:403–14

Childhood seizures. Kellaway P. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:267–83

Monitoring at the University of California, Los Angeles. Nuwer MR, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:385–401

Localization of epileptic foci. Quesney LF, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:165–200

Monitoring at the National Hospital, Queen Square, London. Roberts R, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:423–36

Analysis of background activity. Samson-Dollfus D, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:147–61

Monitoring at the National Institute of Neurological and Communicative Disorders and Stroke. Sato S, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:415–22

Differential diagnosis of epilepsy. Wada JA. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:285–311

Late-onset epilepsy: etiologies, types of seizure, and value of clinical investigation, EEG, and computerized tomography scan. Dam AM, et al. **Epilepsia** 1985 May–Jun; 26(3):227–31

Spread of epileptic seizure activity in humans. Mars NJ, et al. **Epilepsia** 1985 Jan–Feb;26(1):85–94

Pseudoseizures. Coffman JA. **Hillside J Clin Psychiatry** 1985; 7(1):88–103 (53 ref.)

Attributed strings for recognition of epileptic transients in EEG. Faure C. **Int J Biomed Comput** 1985 May; 16(3–4):217–29

Epileptic and pseudoepileptic seizures in childhood and adolescence. Goodyer IM. **J Am Acad Child Psychiatry** 1985 Jan;24(1):3–9

Clinical and EEG evaluation of seizures and seizure-like disorders. Stores G. **J Am Acad Child Psychiatry** 1985 Jan; 24(1):10–6

Epileptic seizure disorders. Developments in diagnosis and therapy. Niedermeyer E, et al. **J Neurol** 1985;232(1):1–12

An assessment of 24-hour ambulatory EEG/ECG monitoring in a neurology clinic. Cull RE. **J Neurol Neurosurg Psychiatry** 1985 Feb;48(2):107–10

Ambulatory EEG monitoring [letter] Dunstan EJ. **J Neurol Neurosurg Psychiatry** 1985 Aug;48(8):848

The temporal aspects of prognosis in epilepsy. Shorvon SD. **J Neurol Neurosurg Psychiatry** 1984 Nov;47(11):1157–65

Telling the patients the diagnosis [letter] Hopkins A.

Lancet 1985 Jul 27;2(8448):214

Epilepsy and insanity [letter] Swan M. **Lancet** 1984 Sep 29; 2(8405):756

Stokes-Adams attacks masquerading as epilepsy: case reports. Fowler HL. **Milit Med** 1984 Dec;149(12):680-1

The clinical utility of ambulatory cassette EEG. Bridgers SL, et al. **Neurology** 1985 Feb;35(2):166-73

Diagnosis of epileptic seizures. Complementary roles of electroencephalography and computed tomography. Grabow JD. **Postgrad Med** 1985 Mar;77(4):207-15, 218-20, 222

The diagnosis and management of epilepsy. Miller JQ. **Proc Annu Meet Med Sect Am Counc Life Insur** 1984; :147-50

Plasma prolactin concentrations in true and hysterical seizures. Prasad A. **Przegl Lek** 1984;41(12):705-7

[Hypnogenic paroxysmal dystonia: epilepsy or a new syndrome?] Berger HJ, et al. **Ned Tijdschr Geneeskd** 1984 Sep 8;128(36):1697-8 **(Dut)**

[Epilepsy; prognosis and treatment] Overweg J. **Ned Tijdschr Geneeskd** 1984 Sep 8;128(36):1710-6 **(Dut)**

[West and Lennox-Gastaut syndromes. Their place in epileptic pathology in children] Aicardi J. **Bull Acad Natl Med (Paris)** 1984 Oct-Nov;168(7-8):774-8 (Eng. Abstr.) **(Fre)**

[Epilepsy in children. Introduction] Thieffry S. **Bull Acad Natl Med (Paris)** 1984 Oct-Nov;168(7-8):761-3 **(Fre)**

[Considerations on neonatal epileptic encephalopathies apropos of a personal case] Estivill E, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Dec; 14(3):197-202 (Eng. Abstr.) **(Fre)**

[Case of epilepsy in an infant with fatal outcome during the 1st year of unknown etiology] Gobbi G, et al. **Rev Electroencephalogr Neurophysiol Clin** 1985 Apr; 14(4):263-8 (Eng. Abstr.) **(Fre)**

[Changes in the semeiology of epileptic seizures after status epilepticus: apropos of 65 cases] Micheletti G, et al. **Rev Electroencephalogr Neurophysiol Clin** 1985 Apr; 14(4):249-53 (Eng. Abstr.) **(Fre)**

[Value of cassette-recorded long-term 8-channel EEG monitoring—ambulatory recording in known epileptics] Monge-Strauss MF, et al. **Rev Electroencephalogr Neurophysiol Clin** 1985 Apr; 14(4):309-18 (Eng. Abstr.) **(Fre)**

[Ambulatory EEG monitoring (Medilog 9000). Initial results in a pediatric population] Plouin P, et al. **Rev Electroencephalogr Neurophysiol Clin** 1985 Apr; 14(4):363-7 (Eng. Abstr.) **(Fre)**

[Prognostic value of EEG abnormalities observed during sleep in epilepsy with rolandic spikes (RSE)] Rose D, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Dec; 14(3):217-26 (Eng. Abstr.) **(Fre)**

[Parasomnias (somnambulism, nightmares, enuresis) and epilepsy. Differential diagnosis] Beaumanoir A. **Schweiz Rundsch Med Prax** 1984 Jun 12;73(24):779-82 (Eng. Abstr.) **(Fre)**

[EEG activation using bemegride in the diagnosis of epilepsy. 2. Catamnestic studies] Bülau P, et al. **EEG EMG** 1984 Sep;15(3):132-7 (Eng. Abstr.) **(Ger)**

[Long-term EEG monitoring in epilepsy diagnosis] Zschocke S, et al. **Fortschr Neurol Psychiatr** 1984 Dec;52(12):438-50 (Eng. Abstr.) **(Ger)**

[Differential diagnosis of non-epileptic seizures in childhood] Groh C, et al. **Nervenarzt** 1984 Oct;55(10):537-43 **(Ger)**

[Clinical indications for the use of mobile long-term EEG] Inoue Y, et al. **Nervenarzt** 1985 Jan;56(1):37-42 **(Ger)**

[Non-epileptic seizures] Krause KH. **Nervenarzt** 1984 Oct; 55(10):507-16 (Eng. Abstr.) **(Ger)**

[Diagnostic problems in hysterical seizures] Karbowski K. **Schweiz Med Wochenschr** 1984 Sep 22;114(38):1297-300 (Eng. Abstr.) **(Ger)**

[Diagnosis of epilepsy in private practice] Medici V. **Schweiz Med Wochenschr** 1984 Sep 22;114(38):1288-93 (Eng. Abstr.) **(Ger)**

[Narcolepsy—epilepsy. Differential diagnosis] Hess CW. **Schweiz Rundsch Med Prax** 1984 Jun 12;73(24):773-8 (Eng. Abstr.) **(Ger)**

[Vertigo and epilepsy] Karbowski K. **Ther Umsch** 1984 Oct; 41(10):705-8 (Eng. Abstr.) **(Ger)**

[Scheuthauer-Marie-Sainton syndrome with convulsions and dementia] Fehlow P. **Z Arztl Fortbild (Jena)** 1984; 78(23):1001-3 **(Ger)**

[Studies on prenatal factors in childhood epilepsy. Part 2. Electroencephalographic aspects] Matsuda M. **No To Hattatsu** 1985 May;17(3):238-44 (Eng. Abstr.) **(Jpn)**

[Romano-Ward syndrome: two cases treated as epilepsy] Miyake S, et al. **No To Hattatsu** 1985 Jul;17(4):363-8 (Eng. Abstr.) **(Jpn)**

[Expert testimony problems in vocational guidance of adolescents with diseases or disorders of the nervous system] Polakowska B. **Med Pr** 1984;35(5):387-92 (Eng. Abstr.) **(Pol)**

[24-hour sleep deprivation as a method of activating EEG signs in epilepsy] Bubień M, et al. **Neurol Neurochir Pol** 1984 Nov-Dec;18(6):517-22 (Eng. Abstr.) **(Pol)**

[Initial manifestations of epilepsy occurring in the presence of a residual organic lesion of the central nervous system in children and adolescents] Lekomtsev VT. **Pediatriia** 1985 Apr;(4):42-3 **(Rus)**

[Features of changes in the EEG of patients with repeated syncope and epileptic seizures between attacks] Akimov GA, et al. **Zh Nevropatol Psikhiatr** 1985;85(6):851-7 (Eng. Abstr.) **(Rus)**

[Prognosis of epilepsy in light of catamnestic studies] Boldyrev AI. **Zh Nevropatol Psikhiatr** 1985;85(6):810-3 (Eng. Abstr.) **(Rus)**

[Paroxysmal disorders during sleep as the debut of epilepsy in children] Boldyrev AI. **Zh Nevropatol Psikhiatr** 1985; 85(6):867-71 (Eng. Abstr.) **(Rus)**

[Use of methods of pattern recognition to analyze the EEG of patients with different forms of epilepsy] Guliaeva SE, et al. **Zh Nevropatol Psikhiatr** 1985;85(6):827-31 (Eng. Abstr.) **(Rus)**

[Clinical features of generalized epilepsy] Iatsuk SL. **Zh Nevropatol Psikhiatr** 1985;85(6):801-5 (Eng. Abstr.) **(Rus)**

[Dermatoglyphic traits in the diagnosis and prognosis of epilepsy] Kharitonov RA, et al. **Zh Nevropatol Psikhiatr** 1985;85(6):861-7 (Eng. Abstr.) **(Rus)**

[Our approach and position on the cessation of anti-epileptic therapy in soldiers admitted for observation for the verification of epilepsy] Bogunović D, et al. **Vojnosanit Pregl** 1985 Mar-Apr;42(2):126-8 **(Scr)**

[Dissimulation of epilepsy by soldiers] Umićević P, et al. **Vojnosanit Pregl** 1984 Jul-Aug;41(4):266-8 **(Scr)**

[Validity of the activation method in the EEG diagnosis of epilepsy] Bartko D, et al. **Cesk Neurol Neurochir** 1984 Aug; 47(4):255-60 (Eng. Abstr.) **(Slo)**

[Startle epilepsy: review of the literature and case report] Conde López V, et al. **Actas Luso Esp Neurol Psiquiatr** 1985 Jan-Feb;13(1):5-26 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Effects of phenobarbital, diphenylhydantoin and carbamazepine on thyroid function in epileptic children. Rousso I, et al. **Acta Endocrinol [Suppl] (Copenh)** 1984; 265:48-9

Venous blood ammonia concentrations in adult epileptic patients are increased by treatment with valproic acid. Paganini M, et al. **Acta Neurol (Napoli)** 1984 Dec;6(6):442-6

Effect of antiepileptic drugs on short-latency somatosensory evoked potentials. Borah NC, et al. **Acta Neurol Scand** 1985 Apr;71(4):331-3

Weight gain during treatment with valproate. Dinesen H, et al. **Acta Neurol Scand** 1984 Aug;70(2):65-9

Carbamazepine and bone mineral metabolism. Hoikka V, et al. **Acta Neurol Scand** 1984 Aug;70(2):77-80

An improvement in cognitive function following polypharmacy reduction in a group of epileptic patients. Ludgate J, et al. **Acta Neurol Scand** 1985 Jun;71(6):448-52

Different metabolism of vitamin D2 and vitamin D3 in epileptic patients on carbamazepine. Tjellesen L, et al. **Acta Neurol Scand** 1985 May;71(5):385-9

Management of epileptic seizures in adults. Jabbari B. **Am Fam Physician** 1985 Jun;31(6):162-72 (19 ref.)

Discontinuing antiepileptic therapy. Kandt RS, et al. **Am Fam Physician** 1985 Apr;31(4):177-84

Serum 5'-nucleotidase in patients receiving anti-epileptic drugs. Fortman CS, et al. **Am J Clin Pathol** 1985 Aug; 84(2):197-201

Valproic acid toxicity [letter] Allen RJ. **Am J Dis Child** 1985 Jul;139(7):648-50

The fetal valproate syndrome. DiLiberti JH, et al. **Am J Med Genet** 1984 Nov;19(3):473-81

Genetic background: the elusive component in the fetal hydantoin syndrome. Finnell RH, et al. **Am J Med Genet** 1984 Nov;19(3):459-62

Teratogenicity of anticonvulsant drugs. II: A prospective study. Kelly TE, et al. **Am J Med Genet** 1984 Nov; 19(3):435-43

Teratogenicity of anticonvulsant drugs. IV: The association of clefting and epilepsy. Kelly TE, et al. **Am J Med Genet** 1984 Nov;19(3):451-8

Teratogenicity of anticonvulsant drugs. I: Review of the literature. Kelly TE. **Am J Med Genet** 1984 Nov; 19(3):413-34 (127 ref.)

Anticonvulsant drug therapy in human pregnancy: effects on serum concentrations of vitamin D metabolites in maternal and cord blood. Markestad T, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):254-8

Atypical presentations of pyridoxine-dependent seizures: a treatable cause of intractable epilepsy in infants. Goutières F, et al. **Ann Neurol** 1985 Feb;17(2):117-20

Dimethylglycine and reduction of mortality in penicillin-induced seizures [letter] Ward TN, et al. **Ann Neurol** 1985 Feb;17(2):213

Reduction of polypharmacy in epileptic patients. Albright P, et al. **Arch Neurol** 1985 Aug;42(8):797-9

N,N-dimethylglycine, betaine, and seizures [letter] Freed WJ. **Arch Neurol** 1984 Nov;41(11):1129-30

Congenital heart defects in live-born children of epileptic parents. Friis ML, et al. **Arch Neurol** 1985 Apr;42(4):374-6

Anticonvulsants in epileptic fowl. Johnson DD, et al. **Arzneimittelforsch** 1984;34(12):1753-7

Evaluation of epileptic dogs as an animal model of human epilepsy. Löscher W, et al. **Arzneimittelforsch** 1985; 35(1):82-7

Evaluation of anticonvulsant drugs in gerbils with reflex epilepsy. Löscher W, et al. **Arzneimittelforsch** 1984; 34(11):1484-8

Drug treatment of epilepsy. Vajda FJ. **Aust Fam Physician** 1984 Jun;13(6):431, 433-4

Ethosuximide in epileptic women during pregnancy and lactation period. Placental transfer, serum concentrations in nursed infants and clinical status. Kuhnz W, et al. **Br J Clin Pharmacol** 1984 Nov;18(5):671-7

Too many fits. Scott DF. **Br J Hosp Med** 1984 Dec;32(6):306, 309-11

When do epileptic patients need treatment? Starting and stopping medication. Chadwick D, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1885-8

Which drug for the adult epileptic patient: phenytoin or valproate? Turnbull DM, et al. **Br Med J [Clin Res]** 1985 Mar 16;290(6471):815-9

The effect of ACTH on cerebral blood flow in children with intractable epilepsy. Futagi Y, et al. **Brain Dev** 1985; 7(1):53-5

Antiepileptic effect and serum levels of clorazepate on children with refractory seizures. Mimaki T, et al. **Brain Dev** 1984;6(6):539-44

Seizure disorders in infancy and childhood. Ohtahara S. **Brain Dev** 1984;6(6):509-19

Effects of anticonvulsants on spontaneous epileptiform activity which develops in the absence of chemical synaptic transmission in hippocampal slices. Heinemann U, et al. **Brain Res** 1985 Jan 28;325(1-2):349-52

Free valproic acid: steady-state pharmacokinetics in patients with intractable epilepsy. Otten N, et al. **Can J Neurol Sci** 1984 Nov;11(4):457-60

Anticonvulsant effects on the memory performance of epileptics. Butlin AT, et al. **Clin Exp Neurol** 1984;20:27-35

Anticonvulsants, folic acid and memory dysfunction in epileptics. Butlin AT, et al. **Clin Exp Neurol** 1984;20:57-62

Steady-state valproate pharmacokinetics during long term therapy. Eadie MJ, et al. **Clin Exp Neurol** 1983;19:183-91

Factors influencing the relationship between carbamazepine plasma concentration and its clinical effects in patients with epilepsy. Rapeport WG. **Clin Neuropharmacol** 1985; 8(2):141-9 (34 ref.)

Hyponatremia during carbamazepine therapy. Lahr MB. **Clin Pharmacol Ther** 1985 Jun;37(6):693-6

Possible therapeutic applications of antagonists of excitatory amino acid neurotransmitters. Meldrum B. **Clin Sci** 1985 Feb;68(2):113-22 (135 ref.)

Anticonvulsant use during pregnancy. Stumpf DA. **Clin Ther** 1985;7(2):258-65

Correlation between plasma carbamazepine-10,11-epoxide concentration and drug side-effects in children with epilepsy. Schoeman JF, et al. **Dev Med Child Neurol** 1984 Dec;26(6):756-64

Altered ratio of carbamazepine-10,11-epoxide/carbamazepine in plasma of children: evidence of anticonvulsant drug interaction. Schoeman JF, et al. **Dev Med Child Neurol** 1984 Dec; 26(6):749-55

When not to treat epilepsy with drugs. Taylor DC, et al. **Dev Med Child Neurol** 1984 Dec;26(6):822-7

Some aspects of drug compliance in African epileptics: experience from Kenyatta National Hospital. Lisk DR. **East Afr Med J** 1984 Mar;61(3):177-83

Suppression of focal epileptiform discharges by intraventricular perfusion of a calcium antagonist. Walden J, et al. **Electroencephalogr Clin Neurophysiol** 1985 Oct; 61(4):299-309

Assessment of effects of antiepileptic drugs. Meinardi H, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:201-14

Effects of pregnancy on antiepileptic drug utilization. Levy RH, et al. **Epilepsia** 1985;26 Suppl 1:S52-7

Progabide treatment in severe epilepsy: a double-blind cross-over trial versus placebo. Martínez-Lage JM, et al. **Epilepsia** 1984 Oct;25(5):586-93

Valproate and clonazepam comedication in patients with intractable epilepsy. Mireles R, et al. **Epilepsia** 1985 Mar-Apr;26(2):122-6

Brain distribution of carbamazepine and phenobarbital given in combination in experimental epilepsy. Monaco F, et al. **Epilepsia** 1985 Jan-Feb;26(1):103-8

Antiepileptic effects of thyrotropin-releasing hormone and its new derivative, DN-1417, examined in feline amygdaloid kindling preparation. Sato M, et al. **Epilepsia** 1984 Oct;25(5):537-44

Zonisamide in epilepsy: a pilot study. Wilensky AJ, et al. **Epilepsia** 1985 May-Jun;26(3):212-20

Effect of folic acid supplementation on congenital malformations due to anticonvulsive drugs. Biale Y, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Nov;18(4):211-6

Adaptation of hepatic ammonia metabolism after chronic valproate administration in epileptics treated with phenytoin. Marescaux C, et al. **Eur Neurol** 1985;24(3):191-5

Anticonvulsant drugs and the genetically epilepsy-prone rat. Dailey JW, et al. **Fed Proc** 1985 Jul;44(10):2640-4

Epilepsy: brain-stem seizure mechanisms and drug action. An overview. Faingold CL. **Fed Proc** 1985 May; 44(8):2412-3

Chromosomal studies of peripheral blood from epileptic patients treated with phenobarbital and/or diphenylhydantoin. Kulkarni PS, et al. **Food Chem Toxicol** 1984 Dec;22(12):1009-12

Effect of chronic anticonvulsant monotherapy on lymphocyte subpopulations in adult epileptic patients. Marcoli M, et al. **Hum Toxicol** 1985 Mar;4(2):147-57

Sodium valproate in the treatment of childhood epilepsies. Maheshwari MC. **Indian Pediatr** 1984 Jun;21(6):439–46

Excretion of organic acids associated with biotin deficiency in chronic anticonvulsant therapy. Krause KH, et al. **Int J Vitam Nutr Res** 1984;54(2–3):217–22

Clobazam as adjunctive treatment in drug resistant epilepsy—report on an open prospective study. Callaghan N, et al. **Ir Med J** 1984 Aug;77(8):240–4

Monotherapy and polytherapy for intractable epilepsies. Cornaggia C, et al. **Ital J Neurol Sci** 1985 Jun;6(2):201–5

Behavioral and cognitive impairments in children with epilepsy: the long-term effects of anticonvulsant therapy. Corbett JA, et al. **J Am Acad Child Psychiatry** 1985 Jan;24(1):17–23

Role of combination of valproic acid with diphenylhydantoin and carbamazepine in the management of intractable seizures. Ashok PP, et al. **J Assoc Physicians India** 1984 Jul;32(7):565–7

Single dose bedtime phenobarbitone therapy in epilepsy. Shukla R, et al. **J Assoc Physicians India** 1984 Jul;32(7):551–3

The effects of phenytoin and sodium valproate on the periodontal health of adult epileptic patients. Seymour RA, et al. **J Clin Periodontol** 1985 Jul;12(6):413–9

A multivariable analysis of factors governing the steady-state pharmacokinetics of valproic acid in 52 young epileptics. Hall K, et al. **J Clin Pharmacol** 1985 May–Jun;25(4):261–8

Development of tolerance to anticonvulsant effect of clobazam [letter] Allen JW, et al. **J Neurol Neurosurg Psychiatry** 1985 Mar;48(3):284–5

Intermittent clobazam for catamenial epilepsy: tolerance avoided. Feely M, et al. **J Neurol Neurosurg Psychiatry** 1984 Dec;47(12):1279–82

Antiepileptic and antiamnesic effect of carbamazepine in experimental limbic epilepsy. Hawkins CA, et al. **J Neurol Neurosurg Psychiatry** 1985 May;48(5):459–68

Comparison of steady-state pharmacokinetics of valproic acid in children between monotherapy and multiple antiepileptic drug treatment. Chiba K, et al. **J Pediatr** 1985 Apr;106(4):653–8

Carbamazepine and carbamazepine-10,11-epoxide serum concentrations in epileptic children. Furlanut M, et al. **J Pediatr** 1985 Mar;106(3):491–5

Dosage of phenytoin during pregnancy [letter] Freed CR, et al. **JAMA** 1985 May 17;253(19):2833–4

New drugs for epilepsy [editorial] **Lancet** 1985 Jan 26;1(8422):198–200

Changes induced in human liver by long-term anticonvulsant therapy. Functional and ultrastructural data. Jezequel AM, et al. **Liver** 1984 Oct;4(5):307–17

Influence of long-term anticonvulsant treatment on liver ultrastructure in man. Pamperl H, et al. **Liver** 1984 Oct;4(5):294–300

Generalized epilepsy induced by kainic acid and anticonvulsant effect of N-aminomethylpiperazine-3,3-diethyl-2,4-pyridinedione. Belcheva I, et al. **Methods Find Exp Clin Pharmacol** 1984 Dec;6(12):743–6

Current concepts. Seizure disorders and pregnancy. Dalessio DJ. **N Engl J Med** 1985 Feb 28;312(9):559–63 (28 ref.)

Comparison of carbamazepine, phenobarbital, phenytoin, and primidone in partial and secondarily generalized tonic-clonic seizures. Mattson RH, et al. **N Engl J Med** 1985 Jul 18;313(3):145–51

Seizure disorders and pregnancy [letter] Seeler RA. **N Engl J Med** 1985 Jun 27;312(26):1706–7

Seizure recurrence [letter] Tucker SH, et al. **N Engl J Med** 1984 Dec 27;311(26):1702

Newly treated childhood epilepsy: a prospective study of recurrences and side effects. Camfield PR, et al. **Neurology** 1985 May;35(5):722–5

Differential effect of cimetidine on serum concentrations of carbamazepine and phenytoin. Levine M, et al. **Neurology** 1985 Apr;35(4):562–5

Spectral analysis of the EEG in children during the introduction of antiepileptic therapy with valproic acid. Benninger C, et al. **Neuropsychobiology** 1985;13(1–2):93–6

Use of nicotinamide and pyridoxal-5-phosphate in the treatment of experimental epilepsy. Kryzhanovskii GN, et al. **Neurosci Behav Physiol** 1985 Mar–Apr;15(2):111–8

Isolated malignant lymphoma of the jejunum and long-term diphenylhydantoin therapy. Rubinstein I, et al. **Oncology** 1985;42(2):104–6

CT findings following diphenylhydantoin intoxication. Baier WK, et al. **Pediatr Radiol** 1985;15(4):220–1

Choosing an antiepileptic drug. The case for individualized treatment. Lesser RP, et al. **Postgrad Med** 1985 Mar;77(4):225–32, 234, 236–7

Drug compliance and seizure control in epileptic children. Lisk DR, et al. **Postgrad Med J** 1985 May;61(715):401–5

Neonatal behaviour disturbances in infants of epileptic women treated during pregnancy. Koch S, et al. **Prog Clin Biol Res** 1985;163B:453–61

The influence of antiepileptic drugs on minor anomalies in the offspring of epileptic parents. Rating D, et al. **Prog Clin Biol Res** 1985;163C:57–60

Epilepsy in a community—management and social impact. Smith JL, et al. **S Afr Med J** 1985 Jun 15;67(24):981–4

Monitoring drug noncompliance in epileptic patients: assessing phenobarbital plasma levels. Takaki S, et al. **Ther Drug Monit** 1985;7(1):87–91

[Use of valproic acid by pregnant women with epilepsy and the risk of congenital abnormalities in the child] Niermeijer MF. **Ned Tijdschr Geneeskd** 1984 Dec 29;128(52):2460–1 (Dut)

[Epilepsy and teratogenesis (letter)] Loiseau P, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):397–8 (Fre)

[Stopping the treatment of an epileptic] Loiseau P. **Presse Med** 1984 Sep 29;13(33):1993–6 (Fre)

[Combination therapy with carbamazepine and valproic acid in problem cases at an outpatient epilepsy clinic] Fröscher W, et al. **Arzneimittelforsch** 1984;34(8):910–4 (Eng. Abstr.) (Ger)

[Side effects of anticonvulsants on the peripheral nervous system and vestibulo-ocular functions] Stefan H. **Fortschr Neurol Psychiatr** 1985 Jan;53(1):29–32 (Eng. Abstr.) (Ger)

[Frequency of therapy resistant epilepsy] Todt H, et al. **Kinderarztl Prax** 1985 Jan;53(1):33–7 (Eng. Abstr.) (Ger)

[Significance of blood level studies for therapy of epileptic mood disorders and psychoses] Diehl LW. **Nervenarzt** 1985 Jul;56(7):383–7 (Ger)

[Risk of malformation in anticonvulsant therapy in pregnancy] Rating D. **Schweiz Rundsch Med Prax** 1985 Jun 11;74(24):655–9 (Eng. Abstr.) (Ger)

[Mono- or polytherapy of epilepsy?] Reynolds EH, et al. **Wien Klin Wochenschr** 1984 Aug 3;96(15):566–8 (Eng. Abstr.) (Ger)

[Monotherapy of epileptic patients] Clemens B, et al. **Orv Hetil** 1984 Aug 12;125(33):1999–2002 (Eng. Abstr.) (Hun)

[Enzyme induction study in children treated with anticonvulsants] Sztriha L, et al. **Orv Hetil** 1985 Feb 10;126(6):317–20 (Eng. Abstr.) (Hun)

[Changes in calcium metabolism in children treated with anti-epileptic drugs: increased renal calcium reabsorption] Sztriha L, et al. **Orv Hetil** 1985 Mar 24;126(12):709–10, 713 (Eng. Abstr.) (Hun)

[Intravenous lidocaine in the treatment of convulsions in infancy] Miyata H, et al. **No To Hattatsu** 1985 May;17(3):203–9 (Eng. Abstr.) (Jpn)

[A follow-up study of 1007 epileptic children with anticonvulsant therapy] Tsuchiya S, et al. **No To Hattatsu** 1985 Jan;17(1):23–8 (Eng. Abstr.) (Jpn)

[Side effects of antiepileptic drugs] Rościszewska D. **Neurol Neurochir Pol** 1984 Nov–Dec;18(6):575–81 (30 ref.) (Pol)

[Epilepsy and dentistry] Marques AB. **Rev Port Estomatol Cir Maxilofac** 1984 Jan–Mar;25(1):641–8 (Eng. Abstr.) (Por)

[Epilepsy and pregnancy] Arkhangel'skiĭ AE. **Akush Ginekol (Mosk)** 1984 Dec;(12):63–6 (Rus)

[Modern concepts in the treatment of epilepsy] Lević Z. **Srp Arh Celok Lek** 1984 Jul–Aug;112(7–8):877–8 (Scc)

[Anticonvulsant properties of clobazam in a group of resistant epileptic patients] Hajnšek F, et al. **Lijec Vjesn** 1985 Mar–Apr;107(3–4):127–31 (Eng. Abstr.) (Scr)

[Plasma levels of antiepileptic agents in the treatment of epilepsy] De Paiva VJ, et al. **Arq Neuropsiquiatr** 1984 Sep;42(3):209–14 (Eng. Abstr.) (Spa)

[Prognosis of the child with epilepsy. Follow-up of 398 cases] Calderón-González R, et al. **Bol Med Hosp Infant Mex** 1985 Jun;42(6):371–8 (Eng. Abstr.) (Spa)

[Epilepsy, anticonvulsants and pregnancy] Guzmán Toledano R, et al. **Ginecol Obstet Mex** 1984 Sep;52(329):225–6 (Eng. Abstr.) (Spa)

[Treatment of pregnant epileptics with carbamazepine. Preliminary report] Sereno Colo JA, et al. **Ginecol Obstet Mex** 1984 Sep;52(329):231–5 (Eng. Abstr.) (Spa)

[Folic acid deficiency caused by chronic anticonvulsive treatment. Analysis in a series of 100 epileptic patients] Bermejo F, et al. **Med Clin (Barc)** 1985 Jun 1;85(1):6–12 (Eng. Abstr.) (Spa)

[Polytherapy in epilepsy] Cabrera F, et al. **Rev Chil Pediatr** 1984 Jul–Aug;55(4):253–6 (Eng. Abstr.) (Spa)

[Clobazam in refractory epilepsies of children] Figueroa D, et al. **Rev Chil Pediatr** 1984 Nov–Dec;55(6):401–5 (Eng. Abstr.) (Spa)

ENZYMOLOGY

Glial and neuronal Na+-K+ pump in epilepsy. Grisar T. **Ann Neurol** 1984;16 Suppl:S128–34

A comparative study of the relative enzyme inducing properties of anticonvulsant drugs in epileptic patients. Perucca E, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):401–10

Steroid sulphatase deficiency is present in patients with the syndrome 'ichthyosis and male hypogonadism' and with 'Rud syndrome'. Andria G, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:159–60

[Incidence of various enzymatic changes in a series of epileptic children under chronic therapy] Bertamino F, et al. **Minerva Pediatr** 1984 Oct 15;36(19):951–5 (Eng. Abstr.) (Ita)

[Activity of polymorphic N-acetyltransferase in epilepsy] Barannikov AS, et al. **Zh Nevropatol Psikhiatr** 1985;85(6):857–61 (Eng. Abstr.) (Rus)

ETIOLOGY

Epileptic seizures and cerebrovascular disorders: a clinical-EEG-CT study. Tartara A, et al. **Acta Neurol (Napoli)** 1984 Aug;6(4):280–5

Exogenous causes of seizures in children: a population study. Tsuboi T, et al. **Acta Neurol Scand** 1985 Feb;71(2):107–13

Basic mechanisms of the epilepsies. Proceedings of a workshop at the Kroc Foundation Headquarters, Santa Ynez, California, December 7–9, 1982. **Ann Neurol** 1984;16 Suppl:S1–158

Intracranial extramedullary hematopoiesis inducing epilepsy in a patient with beta-thalassemia—hemoglobin E. Fucharoen S, et al. **Arch Intern Med** 1985 Apr;145(4):739–42

A neurological basis for visual discomfort. Wilkins A, et al. **Brain** 1984 Dec;107 (Pt 4):989–1017

Citrullinemia presenting as uncontrollable epilepsy. Origuchi Y, et al. **Brain Dev** 1984;6(3):328–31

Epileptiform effects of met-enkephalin, beta-endorphin and morphine: kindling of generalized seizures and potentiation of epileptiform effects by handling. Cain DP, et al. **Brain Res** 1985 Jul 15;338(2):327–36

Infantile status epilepticus as a complication of 'near-miss' sudden infant death. Aubourg P, et al. **Dev Med Child Neurol** 1985 Feb;27(1):40–8

Gelastic epilepsy and true precocious puberty due to hypothalamic hamartoma. Curatolo P, et al. **Dev Med Child Neurol** 1984 Aug;26(4):509–14

Alcoholism and epilepsy. Chan AW. **Epilepsia** 1985 Jul–Aug;26(4):323–33 (296 ref.)

Perinatal factors and seizure disorders: an epidemiologic review. Deymeer F, et al. **Epilepsia** 1985 Jul–Aug;26(4):287–98

Frontoparietal astrocytoma causing absence seizures and bilaterally synchronous epileptiform discharges. Farwell JR, et al. **Epilepsia** 1984 Dec;25(6):695–8

Epileptic seizures precipitated by constant light, movement in daily life, and hot water immersion. Morimoto T, et al. **Epilepsia** 1985 May–Jun;26(3):237–42

An electroencephalographic demonstration of auricular reflex epilepsy. Santanelli P, et al. **Epilepsia** 1985 Jan–Feb;26(1):95–7

Epilepsy and weather: a significant correlation between the onset of epileptic seizures and specific atmospherics—a pilot study. Ruhenstroth-Bauer G, et al. **Int J Biometeorol** 1984 Nov;28(4):333–40

Parkinsonism, basal ganglia calcification and epilepsy as late complications of postoperative hypoparathyroidism. Uncini A, et al. **J Neurol** 1985;232(2):109–11

Late seizures in patients with internal carotid and middle cerebral artery occlusive disease following ischaemic events. De Carolis P, et al. **J Neurol Neurosurg Psychiatry** 1984 Dec;47(12):1345–7

Epilepsy: an early symptom of systemic lupus erythematosus [letter] Mackworth-Young CG, et al. **J Neurol Neurosurg Psychiatry** 1985 Feb;48(2):185

Tetanus toxin as a tool for studying epilepsy. Mellanby J, et al. **J Physiol (Paris)** 1984;79(4):207–15

Uncomfortable images [editorial] **Lancet** 1985 Jan 12;1(8420):85–7

Visual display units and risk of seizures [letter] Binnie CD, et al. **Lancet** 1985 Apr 27;1(8435):991

Cerebellar neurofilaments, neonatal copper deficiency and epilepsy. Elomaa E, et al. **Med Hypotheses** 1985 Jan;16(1):65–7

Disruption of neurofilaments by bacterial toxins and viral antibodies: a possible factor in the genesis of seizure disorders and mental subnormality? Elomaa E, et al. **Med Hypotheses** 1984 Dec;15(4):395–7 (16 ref.)

Nervous reactivity changes in patients with epileptogenic cerebral tumours (II). Rogozea R, et al. **Neurol Psychiatr (Bucur)** 1985 Jan–Mar;23(1):23–33

Changes in neocortical function in response to the direct action of optical radiation. Velling VA, et al. **Neurosci Behav Physiol** 1985 May–Jun;15(3):207–13

Myxoedema presenting as epilepsy. Rowell NP, et al. **Postgrad Med J** 1984 Sep;60(707):605–6

Evaluation of the patient with new onset seizures. Pohowalla PJ, et al. **Primary Care** 1984 Dec;11(4):625–42

Experimental animal epilepsy. A new device for the induction of epileptic seizures in the murine, El mouse. Fueta Y, et al. **Sangyo Ika Daigaku Zasshi** 1983 Sep 1;5(3):359–64

Hypohaptoglobinemia: a possible predisposition to epilepsy. Panter SS, et al. **Trans Assoc Am Physicians** 1984;97:56–62

[Etiologic factors of epilepsy in children] Glenting P. **Ugeskr Laeger** 1984 Nov 26;146(48):3775–81 (Eng. Abstr.) (Dan)

[Noise-induced epilepsy] Giroud M, et al. **Ann Pediatr (Paris)** 1984 Oct;31(8):667–70 (Eng. Abstr.) (Fre)

[Agenesis of the corpus callosum in a man with complete mosaic trisomy 8] Baverel F, et al. **Presse Med** 1985 Apr 6;14(14):781–3 (Eng. Abstr.) (Fre)

[Alcoholic epilepsy. Decrease of tryptophan levels in the blood and cerebrospinal fluid] Marion JL, et al. **Presse Med** 1985 Mar 23;14(12):681–3 (Eng. Abstr.) (Fre)

[Epileptic seizures following brain infarcts. Etiology, clinical aspects and CT findings] Hornig CR, et al. **Nervenarzt** 1984 Oct;55(10):525–9 (Ger)

[Reflex epilepsies] Hess R, et al. **Schweiz Rundsch Med Prax** 1985 Jun 11;74(24):646–54 (Eng. Abstr.) (Ger)

[Epileptic manifestations in type 1 diabetes] Huracek J, et al. **Schweiz Rundsch Med Prax** 1984 Jun 12;73(24):753–7 (Eng. Abstr.) (Ger)

[Epileptic manifestations of cerebrovascular origin in adults] Karbowski K. **Schweiz Rundsch Med Prax** 1984 Jun 12; 73(24):765–71 (Eng. Abstr.) (Ger)

[Symptomatic epilepsies in childhood] Vassella F. **Schweiz Rundsch Med Prax** 1985 Jun 11;74(24):643–5 (Eng. Abstr.) (Ger)

[Epileptic manifestations of cerebrovascular origin in children] Vassella F. **Schweiz Rundsch Med Prax** 1984 Jun 12;73(24):759–63 (Eng. Abstr.) (Ger)

[Eating epilepsy] Gyuris J, et al. **Orv Hetil** 1984 Nov 25; 125(48):2937–9 (Eng. Abstr.) (Hun)

[Studies on prenatal factors in childhood epilepsy. Part 1. Clinical aspects] Matsuda M. **No To Hattatsu** 1985 May; 17(3):231–7 (Eng. Abstr.) (Jpn)

[Endocrine disorders in convulsive states in children] Minasian ZhM, et al. **Vestn Akad Med Nauk SSSR** 1985; (6):73–8 (Eng. Abstr.) (Rus)

[A case of neurofibromatosis with multiple tumors and lesions of the nervous system] Olisova MO, et al. **Vestn Dermatol Venerol** 1985 May;(5):39–41 (Eng. Abstr.) (Rus)

[Clinical variants of cerebral disorders in chronic renal failure] Rudenko TV. **Vrach Delo** 1985 Mar;(3):68–70 (Eng. Abstr.) (Rus)

[Epileptic seizures as a symptom of arteriovenous angiomas of the brain] Gavranovich M, et al. **Zh Nevropatol Psikhiatr** 1985;85(6):874–5 (Eng. Abstr.) (Rus)

[Epileptic manifestations in cerebrovascular patients—acid-base values in arterial blood and cerebrospinal fluid] Kovačević MS, et al. **Srp Arh Celok Lek** 1984 Jun;112(6):695–702 (Eng. Abstr.) (Scc)

FAMILIAL & GENETIC

Familial spastic paraplegia with epilepsy. Kuroda S, et al. **Acta Med Okayama** 1985 Apr;39(2):113–7

The search for epilepsies ideal for clinical and molecular genetic studies. Delgado-Escueta AV, et al. **Ann Neurol** 1984;16 Suppl:S1–11

Isolating single genes of the inherited epilepsies. Noebels JL. **Ann Neurol** 1984;16 Suppl:S18–21

Looking for epilepsy genes. White R. **Ann Neurol** 1984;16 Suppl:S12–7

HLA antigens and idiopathic epilepsy. Hafez M, et al. **Epilepsia** 1985 Jan-Feb;26(1):15–8

Effects of carbamazepine on human chromosomes. Schaumann B, et al. **Epilepsia** 1985 Jul-Aug;26(4):346–52

A review of mouse mutants as genetic models of epilepsy. Seyfried TN, et al. **Epilepsia** 1985 Mar-Apr;26(2):143–50

Hypohaptoglobinemia associated with familial epilepsy. Panter SS, et al. **J Exp Med** 1985 Apr 1;161(4):748–54

Genetic animal models of epilepsy as a unique resource for the evaluation of anticonvulsant drugs. A review. Löscher W. **Methods Find Exp Clin Pharmacol** 1984 Sep;6(9):531–47 (82 ref.)

Petit mal-absences of childhood onset: familial prevalences of migraine and seizures. Baier WK, et al. **Neuropediatrics** 1985 May;16(2):80–3

Genetics of migraine and migraine accompagneé: a study of eighty-one children and their families. Baier WK. **Neuropediatrics** 1985 May;16(2):84–91

[Pregnancy and fetal development in epileptic women] Janz D. **Geburtshilfe Frauenheilkd** 1984 Jul;44(7):428–34 (Eng. Abstr.) (Ger)

[The significance of genetic factors in epilepsies] Moser H. **Schweiz Rundsch Med Prax** 1985 Jun 11;74(24):636–42 (Eng. Abstr.) (Ger)

[Benign neonatal familial epilepsy] Kiszely K. **Orv Hetil** 1984 Dec 16;125(51):3127–8 (Eng. Abstr.) (Hun)

[Mutant strains susceptible for epilepsy or convulsions] Suzuki J. **Tanpakushitsu Kakusan Koso** 1984 Dec; 29(14):1659–78 (97 ref.) (Jpn)

[Genetic dispersion analysis of the relationship of epilepsy to anomalies in brain bioelectrical activity] Ritsner MS. **Genetika** 1985 Jun;21(6):1047–55 (Eng. Abstr.) (Rus)

[Genetic relationship of catalepsy to penduliform movements and audiogenic epilepsy in rats] Barykina NN, et al. **Genetika (Moskva)** 1984 Nov;20(11):1818–23 (Eng. Abstr.) (Rus)

[Neuropsychiatric disorders in children whose relatives have epilepsy] Rogacheva TA. **Zh Nevropatol Psikhiatr** 1985; 85(6):871–4 (Eng. Abstr.) (Rus)

HISTORY

Gustave Flaubert's illness: a case report in evidence against the erroneous notion of psychogenic epilepsy. Gastaut H, et al. **Epilepsia** 1984 Oct;25(5):622–37

[The beginnings of modern Czech biology and medicine. Jan Marek (Joannes Marcus Marci, 1595–1667) and the bases of modern epileptology] Servit Z. **Cesk Fysiol** 1985; 34(3):197–214 (Cze)

[The 'Traité de lÉpilepsie' by S. A. Tissot; old but not obsolete] Karbowski K. **Schweiz Rundsch Med Prax** 1984 Jun 12;73(24):751 (Ger)

[Epilepsy in the mid 19th century: Théodore Herpin (1799–1865)] Schmidt D. **Schweiz Rundsch Med Prax** 1985 Jun 11;74(24):660–2 (Eng. Abstr.) (Ger)

IMMUNOLOGY

The IgA immune system in epileptics on anticonvulsant therapy. Meissner O, et al. **Eur J Clin Pharmacol** 1984; 27(1):81–3

Circulating immunoglobulins—IgA, IgG and IgM—in adults and children with idiopathic, never treated, epilepsy, and the effect thereon of mono-drug treatments. Osiescu J, et al. **Neurol Psychiatr (Bucur)** 1985 Apr-Jun;23(2):103–10

[Concentration of circulating immune complexes in the blood in clinical and experimental epileptic seizures] Karlov VA, et al. **Zh Nevropatol Psikhiatr** 1985;85(6):833–7 (Eng. Abstr.) (Rus)

[Immunoenzyme analysis of the antigenic orientation of 'anti-brain' autoantibodies in the serum of epileptics] Poletaev AB, et al. **Zh Nevropatol Psikhiatr** 1985; 85(6):831–3 (Eng. Abstr.) (Rus)

METABOLISM

Depolarization-elicited accumulation of cyclic AMP in slices of rat cerebral cortex with a chronic epileptic focus. Hattori Y, et al. **Acta Med Okayama** 1984 Oct;38(5):487–91

Immunohistochemical localization of extravasated serum albumin in the hippocampus of human subjects with partial and generalized epilepsies and epileptiform convulsions. Mihály A, et al. **Acta Neuropathol (Berl)** 1984;65(1):25–34

Single dose pharmacokinetic study of clobazam in normal volunteers and epileptic patients. Jawad S, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):873–7

Benzodiazepine receptors and seizure susceptibility in epileptic fowl. Fisher TE, et al. **Can J Physiol Pharmacol** 1985 Feb;63(2):85–8

Levels of hippocampal calcium and zinc following kindling-induced epilepsy. Mody I, et al. **Can J Physiol Pharmacol** 1985 Feb;63(2):159–61

Stiripentol kinetics in epilepsy: nonlinearity and interactions. Levy RH, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):661–9

The mechanisms underlying potentiation of recruiting responses may include GABA-disinhibition. Kostopoulos G. **Electroencephalogr Clin Neurophysiol** 1984 Oct; 58(4):378–81

Subcellular distribution of neuroactive amino acids in brains of genetically epileptic rats. Bonhaus DW, et al. **Epilepsia** 1984 Oct;25(5):564–8

The status of vitamin B6 metabolism in brains of genetically epilepsy-prone rats. Ebadi M, et al. **Epilepsia** 1985 Jul-Aug; 26(4):353–9

Pituitary and adrenal function in epileptic patients. Gallagher BB, et al. **Epilepsia** 1984 Dec;25(6):683–9

Potassium, pentylenetetrazol, and anticonvulsants in mouse hippocampal slices. Piredda S, et al. **Epilepsia** 1985 Mar-Apr;26(2):167–74

Investigation of sex hormones in male epileptic patients. Rodin E, et al. **Epilepsia** 1984 Dec;25(6):690–4

Bioavailability and pharmacokinetics of phenytoin during pregnancy. Lander CM, et al. **Eur J Clin Pharmacol** 1984; 27(1):105–10

A study of somatostatin receptors in amygdaloid-kindled rat brain. Higuchi T, et al. **J Neurochem** 1984 Nov;43(5):1271–6

Plasma and cerebrospinal fluid concentrations of magnesium in epileptic children. Benga I, et al. **J Neurol Sci** 1985 Jan; 67(1):29–34

Effect of simultaneously ingested milk on phenytoin bioavailability. Dotson R, et al. **Neurology** 1985 Oct; 35(10):1526–7

Positron emission tomography in generalized seizures. Theodore WH, et al. **Neurology** 1985 May;35(5):684–90

Brain imaging of glucose utilization in convulsive disorders. Engel J Jr, et al. **Res Publ Assoc Res Nerv Ment Dis** 1985; 63:163–84 (58 ref.)

Carbamazepine-10,11-diol steady-state serum levels and renal excretion during carbamazepine therapy in adults and children. Bourgeois BF, et al. **Ther Drug Monit** 1984; 6(3):259–65

[Changes in benzodiazepine receptors in the limbic system following kindling of the olfactory bulb in rats] Ben Attia M, et al. **C R Soc Biol (Paris)** 1984;178(6):697–704 (Eng. Abstr.) (Fre)

[Neuroendocrinologic aspects of epilepsy] Pinessi L, et al. **Minerva Med** 1984 Nov 3;75(42):2533–7 (Eng. Abstr.) (Ita)

[Changes of neurotransmitter levels in epilepsy, with special reference to kindling models] Sato M, et al. **Nippon Rinsho** 1984 Apr;42(4):880–4 (Jpn)

MORTALITY

Diseases associated with multiple sclerosis and epilepsy. A population cohort study of 159,200 middle-aged, urban, native Swedes observed over 10 years (1970–79). Lindegård B. **Acta Neurol Scand** 1985 Apr;71(4):267–77

Heart disease mortality and morbidity in patients with epilepsy. Annegers JF, et al. **Epilepsia** 1984 Dec; 25(6):699–704

OCCURRENCE

Infantile status epilepticus and future seizure susceptibility in the rat. Okada R, et al. **Brain Res** 1984 Aug;317(2):177–83

Demographics of an epileptic population. Beran RG, et al. **Clin Exp Neurol** 1983;19:208–10

Epilepsy in children. Davies SM. **Fam Pract** 1984 Sep; 1(3):182–90

Childhood epilepsy in the Department of Child Health Dr. Pirngadi Hospital Medan. Saing B, et al. **Paediatr Indones** 1984 Nov-Dec;24(11-12):235–42

Epidemiological aspects of epilepsy in the children of a Piedmontese district (Alba-Bra). Benna P, et al. **Panminerva Med** 1984 Apr-Jun;26(2):113–8

A survey approach for finding cases of epilepsy. Anderson DW, et al. **Public Health Rep** 1985 Jul-Aug;100(4):386–93

[Accidental epileptic seizures in children] Billard C, et al. **Arch Fr Pediatr** 1984 Nov;41(9):629–32 (Eng. Abstr.) (Fre)

[Further considerations on the relation between weather conditions and epileptic seizures in the Province of Brescia] Lazzari C, et al. **Minerva Psichiatr** 1985 Jan-Mar;26(1):71–4 (Eng. Abstr.) (Ita)

[Comparative study of epileptic seizures and changes in the weather in Brescia Province] Scipione VL, et al. **Minerva Psichiatr** 1984 Oct-Dec;25(4):253–6 (Eng. Abstr.) (Ita)

[Epidemiology of epilepsy in the U.S.L. 34, Copparo, Emilia-Romagna] Granieri E, et al. **Riv Neurol** 1984 Jul-Aug;54(4):245–64 (Eng. Abstr.) (Ita)

[Late epilepsy among the population of Kielce and selected communities in Kielce province] Nowak S, et al. **Neurol Neurochir Pol** 1984 Jul-Aug;18(4):313–7 (Eng. Abstr.) (Pol)

PATHOLOGY

Morphometric analysis of the synaptic alterations in an experimental epileptic model. Szegedy L. **Acta Morphol Hung** 1984;32(3-4):187–93

Axon terminals of GABAergic chandelier cells are lost at epileptic foci. Ribak CE. **Brain Res** 1985 Feb 11; 326(2):251–60

Does seizure activity produce Purkinje cell loss? Dam M, et al. **Epilepsia** 1984 Dec;25(6):747–51

Considerations on the significance attributed to unusual cerebral histological findings recently described in eight patients with primary generalized epilepsy. Lyon G, et al. **Epilepsia** 1985 Jul-Aug;26(4):365–7

The significance of microdysgenesia in primary generalized epilepsy: an answer to the considerations of Lyon and Gastaut. Meencke HJ, et al. **Epilepsia** 1985 Jul-Aug; 26(4):368–71

[Morphology of the epileptic neuron] Saradzhishvili PM, et al. **Zh Nevropatol Psikhiatr** 1985;85(7):961–5 (Eng. Abstr.) (Rus)

[Features associated with risk factors in epilepsy] Gutiérrez-Avila JH, et al. **Gac Med Mex** 1983 Feb; 119(2):82–6 (Spa)

PHYSIOPATHOLOGY

Neurophysiological organisation of emotional states and responses in man. Bechtereva NP, et al. **Act Nerv Super (Praha)** 1984 Sep;26(3):169–90

Effects of amobarbital and methohexital on epileptic activity in mesial temporal structures in epileptic patients. An EEG study with depth electrodes. Aasly J, et al. **Acta Neurol Scand** 1984 Dec;70(6):423–31

Activation of epileptogenic activity by etomidate. Gancher S, et al. **Anesthesiology** 1984 Nov;61(5):616–8

Anticonvulsant actions of enflurane on epilepsy models in cats. Oshima E, et al. **Anesthesiology** 1985 Jul;63(1):29–40

Neuropeptides: a role as endogenous mediators or modulators of epileptic phenomena. Bajorek JG, et al. **Ann Neurol** 1984; 16 Suppl:S31–8

The new wave of research in the epilepsies. Delgado-Escueta AV. **Ann Neurol** 1984;16 Suppl:S145–58

Calmodulin systems in neuronal excitability: a molecular approach to epilepsy. DeLorenzo RJ. **Ann Neurol** 1984;16 Suppl:S104–14

Roles of biogenic amines and cyclic nucleotides in seizure mechanisms. Ferrendelli JA. **Ann Neurol** 1984;16 Suppl:S98–103

The synaptic nature of the paroxysmal depolarizing shift in hippocampal neurons. Johnston D, et al. **Ann Neurol** 1984; 16 Suppl:S65–71

The second sensory area in humans: evoked potential and electrical stimulation studies. Lüders H, et al. **Ann Neurol** 1985 Feb;17(2):177–84

Role of the gamma-aminobutyric acid receptor-ionophore complex in seizure disorders. Olsen RW, et al. **Ann Neurol** 1984;16 Suppl:S90–7

Mechanisms of epileptogenesis in cortical structures. Prince DA, et al. **Ann Neurol** 1984;16 Suppl:S59–64

GABA-related phenomena, models of nervous system function, and seizures. Roberts E. **Ann Neurol** 1984;16 Suppl:S77–89

Electroencephalographic recording from the temporal lobes: a comparison of ear, anterior temporal, and nasopharyngeal electrodes. Sperling MR, et al. **Ann Neurol** 1985 May; 17(5):510–3

Ionic and acid-base regulation of neurons and glia during seizures. Woodbury DM, et al. **Ann Neurol** 1984;16 Suppl:S135–44

Interrelations between globus pallidus and hippocampal epilepsy in the cat. Sabatino M, et al. **Arch Int Physiol Biochim** 1984 Nov;92(4):291–6

Role of the pulvinar-lateralis posterior nucleus complex (P-LP) in the experimental epilepsy of the cat. Motles E, et al. **Arch Ital Biol** 1985 May;123(2):141–54

Experimental studies on different thresholds for epileptiform activity. Yamauchi T, et al. **Arch Ital Biol** 1984 Dec; 122(4):281–300

Long-term clinical and EEG changes in patients with epilepsy. Hughes JR. **Arch Neurol** 1985 Mar;42(3):213–23

Secondary epileptogenesis in man. Morrell F. **Arch Neurol** 1985 Apr;42(4):318–35

Therapeutic implications of modulation of metabolism and functional activity of cerebral cortex by chronic stimulation of cerebellum and thalamus. Cooper IS, et al. **Biol Psychiatry** 1985 Jul;20(7):811–3

Left and right cerebral hemisphere differences in the occurrence of epilepsy. Scott DF. **Br J Med Psychol** 1985 Jun;58 (Pt 2):189–92

Biological antagonism and epileptic psychosis. Wolf P, et al. **Br J Psychiatry** 1985 Mar;146:272–6

Differences between strychnine and penicillin epileptogenesis suggest a laminar organization of neocortical inhibition. Ebersole JS, et al. **Brain Res** 1985 Aug 12;340(2):390–6

Electrical fields directly contribute to action potential synchronization during convulsant-induced epileptiform bursts. Snow RW, et al. **Brain Res** 1984 Dec 3;323(1):114–8

The influence of dopamine on epileptiform burst activity in hippocampal pyramidal neurons. Suppes T, et al. **Brain Res** 1985 Feb 11;326(2):273–80

Computerized spectral analysis of the interictal EEG in epilepsy. Gelety TJ, et al. **Clin Electroencephalogr** 1985 Apr;16(2):94–7

Episodic behavioral disorders and limbic ictus. Monroe RR. **Compr Psychiatry** 1985 Sep–Oct;26(5):466–79

Colour and photosensitive epilepsy. Binnie CD, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov; 58(5):387–91

Temporal characteristics of seizures and epileptiform discharges. Binnie CD, et al. **Electroencephalogr Clin Neurophysiol** 1984 Dec; 58(6):498–505

Periodic lateralized epileptiform discharges in asphyxiated neonates. McCutchen CB, et al. **Electroencephalogr Clin Neurophysiol** 1985 Oct;61(4):210–7

Alumina cream induced focal motor epilepsy in cats. VI. Excision of the perilesional cortex. Velasco M, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jun; 60(6):548–57

Sleep and epilepsy. Montplaisir J, et al. **Electroencephalogr Clin Neurophysiol [Suppl]** 1985; 37:215–39

Startle-induced epileptic seizures. Aguglia U, et al. **Epilepsia** 1984 Dec;25(6):712–20

Distribution of pyramidal cell density and hyperexcitability in the epileptic human hippocampal formation. Babb TL, et al. **Epilepsia** 1984 Dec;25(6):721–8

Topographical analysis of the centrotemporal discharges in benign rolandic epilepsy of childhood. Gregory DL, et al. **Epilepsia** 1984 Dec;25(6):705–11

Effect of pregnancy on development of seizures. Holmes GL, et al. **Epilepsia** 1985 Jul–Aug;26(4):299–302

Sleep and epilepsy. Kellaway P. **Epilepsia** 1985;26 Suppl 1:S15–30 (63 ref.)

Cortical afterdischarge and functional response thresholds: results of extraoperative testing. Lesser RP, et al. **Epilepsia** 1984 Oct;25(5):615–21

Epilepsy, sex hormones, and antiepileptic drugs. Mattson RH, et al. **Epilepsia** 1985;26 Suppl 1:S40–51 (102 ref.)

Autonomic nervous system and epilepsy. Wannamaker BB. **Epilepsia** 1985;26 Suppl 1:S31–9 (64 ref.)

Sphenoidal electrode positions and basal EEG during long term monitoring. Wilkus RJ, et al. **Epilepsia** 1985 Mar–Apr; 26(2):137–42

Quality extinction test and lateralized EEG focality: preliminary observations in a group of epileptic patients. Scarone S, et al. **Eur Neurol** 1985;24(4):244–7

Alterations of inhibitory processes in the dentate gyrus following kindling-induced epilepsy. Oliver MW, et al. **Exp Brain Res** 1985;57(3):443–7

Epileptogenic effects of electrolytic lesions in the hippocampus: role of iron deposition. Campbell KA, et al. **Exp Neurol** 1984 Dec;86(3):506–14

The effects of disconnection on two phases of kindled frontal-cingulate motor seizures. Madryga FJ, et al. **Exp Neurol** 1984 Nov;86(2):240–60

Involvement of cortical, thalamic and midbrain reticular formation neurons in spike and wave discharges: extracellular study in feline generalized penicillin epilepsy. Pellegrini A, et al. **Exp Neurol** 1985 Aug;89(2):465–78

Chemical synaptic transmission is not necessary for epileptic seizures to persist in the baboon Papio papio. Pumain R, et al. **Exp Neurol** 1985 Jul;89(1):250–8

Role of the brain-stem reticular formation in tonic-clonic seizures: lesion and pharmacological studies. Browning RA. **Fed Proc** 1985 May;44(8):2425–31 (34 ref.)

Mechanisms of seizure control mediated by gamma-aminobutyric acid: role of the substantia nigra. Gale K. **Fed Proc** 1985 May;44(8):2414–24 (72 ref.)

Incongruence of regional cerebral blood flow increase and blood-brain barrier opening in rabbits at the onset of seizures induced by bicuculline, methoxypyridoxine, and kainic acid. Nitsch C, et al. **J Neurol Sci** 1985 Jan; 67(1):67–79

Influence of pharmacological manipulation of inhibitory and excitatory neurotransmitter systems on seizure behavior in the Mongolian gerbil. Löscher W. **J Pharmacol Exp Ther** 1985 Apr;233(1):204–13

Noisy neural nets exhibiting epileptic features. Kokkinidis M, et al. **J Theor Biol** 1985 Apr 7;113(3):559–88

Epileptics and scuba diving [letter] Dreifuss FE. **JAMA** 1985 Apr 5;253(13):1877–8

Prognosis in childhood epilepsy [editorial] **Lancet** 1985 Apr 27;1(8435):963–4

The risks of excessive water drinking in epileptic patients [letter] White JC. **N Engl J Med** 1985 Jan 24;312(4):246–7

Paroxysmal visual disturbances of epileptic origin and occipital epilepsy in children. Deonna T, et al. **Neuropediatrics** 1984 Aug;15(3):131–5

Pharmacology of methyl- and propyl-beta-carbolines in a hereditary model of epilepsy. Johnson DD, et al. **Neuropharmacology** 1984 Sep;23(9):1015–7

Relationship between different stages of sleep and epileptic activity. Bibileishvili SI, et al. **Neurosci Behav Physiol** 1985 Jan–Feb;15(1):9–13

Blood flow compensates oxygen demand in the vulnerable CA3 region of the hippocampus during kainate-induced seizures. Pinard E, et al. **Neuroscience** 1984 Dec; 13(4):1039–49

Effect of phenobarbital pretreatment on cardiac neural discharge and pentylenetetrazol-induced epileptogenic activity in the cat. Carnel SB, et al. **Pharmacology** 1985; 30(4):225–40

Hyperexcitability in organotypic mouse hippocampal explants. Fowler J, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4–6):507–14

[Sensory disease spreading along the nerve conduction route—report of 80 cases] Liu CZ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec;4(12):711–3 (Eng. Abstr.) **(Chi)**

[Pathophysiology of epilepsy] Elger CE, et al. **Schweiz Med Wochenschr** 1984 Sep 22;114(38):1278–88 (Eng. Abstr.) **(Ger)**

[the cerebellum and epilepsy] Mukawa J. **No Shinkei Geka** 1985 Jan;13(1):7–14 (116 ref.) **(Jpn)**

[Suppressive effects of psychological tasks on subclinical epileptic discharges] Kakegawa N. **Seishin Shinkeigaku Zasshi** 1984;86(11):865–78 (Eng. Abstr.) **(Jpn)**

[A case of periodic lateralized epileptiform discharges] Shinosaki K, et al. **Seishin Shinkeigaku Zasshi** 1985; 87(3):186–96 **(Jpn)**

[Epilepsy and kindling effect] Sato M, et al. **Tanpakushitsu Kakusan Koso** 1984 Dec;29(14):1826–37 (100 ref.) **(Jpn)**

[Epilepsy and physical fitness] Nakken KO, et al. **Tidsskr Nor Laegeforen** 1985 Jun 10;105(16):1136–8 (Eng. Abstr.) **(Nor)**

[Effect of piracetam (Nootropil) on the bioelectric function of the brain in cases of low-voltage EEG and in patients with epilepsy] Nocoń D. **Ann Acad Med Stetin** 1984; 30:359–69 (Eng. Abstr.) **(Pol)**

[Reflex epilepsy: study of 5 cases] Giorelli PC, et al. **Arq Neuropsiquiatr** 1984 Dec;42(4):371–9 (Eng. Abstr.) **(Por)**

[Features of the EEG correlates of activity in epileptic patients] Bein BN, et al. **Zh Nevropatol Psikhiatr** 1985; 85(6):818–22 (Eng. Abstr.) **(Rus)**

[Mechanisms of development and blockade of epileptic activity in the brain] Lavretskaia EF, et al. **Zh Nevropatol Psikhiatr** 1985;85(6):822–7 (Eng. Abstr.) **(Rus)**

[Drug activation and inhibition of epileptic foci—dynamics of (dis)equilibrium and its significance in the treatment of epilepsy] Ilanković N, et al. **Srp Arh Celok Lek** 1984 Jul–Aug;112(7–8):861–6 **(Scc)**

[EEG with sleep deprivation in epileptic children] Ortiz Camúñez MA, et al. **An Esp Pediatr** 1984 Sep 15; 21(3):191–7 (Eng. Abstr.) **(Spa)**

[Periodic lateralized epileptiform discharges. Development of the EEG in 2 clinical cases] Jiménez F, et al. **Rev Clin Esp** 1984 Sep 15;174(5):189–93 **(Spa)**

PREVENTION & CONTROL

The anticonvulsant clinic: its value in the long-term management of refractory epilepsy. Paice BJ, et al. **Health Bull (Edinb)** 1985 Jan;43(1):33–9

PSYCHOLOGY

Reflex epilepsy evoked by specific psychic activity. A case report. Kalina P, et al. **Acta Neurol Belg** 1984 Aug–Oct; 84(4):204–8

Sexual behaviour in a centre for epilepsy. Fenwick PB, et al. **Acta Neurol Scand** 1985 Jun;71(6):428–35

The social environment and neurological disease. Grant I. **Adv Psychosom Med** 1985;13:26–48 (82 ref.)

Psychosomatic aspects of epilepsy. Trimble MR. **Adv Psychosom Med** 1985;13:133–50 (47 ref.)

Violence and epilepsy in South Africa [letter] Pearlman T. **Am J Psychiatry** 1985 Aug;142(8):998

Transient sensory, cognitive and affective phenomena in affective illness. A comparison with complex partial epilepsy. Silberman EK, et al. **Br J Psychiatry** 1985 Jan; 146:81–9

Epilepsy and psychosis: a comparison of societal attitudes. Awaritefe A, et al. **Epilepsia** 1985 Jan–Feb;26(1):1–9

Neuropsychological and emotional correlates of marital status and ability to live independently in individuals with epilepsy. Batzel LW, et al. **Epilepsia** 1984 Oct;25(5):594–8

Behavioral effects of anticonvulsant prophylaxis: no effect or artifact? Dikmen S, et al. **Epilepsia** 1984 Dec;25(6):741–6

Intelligence test performance of patients with partial and generalized seizures. Giordani B, et al. **Epilepsia** 1985 Jan–Feb;26(1):37–42

Cognitive development in epilepsy. The relative influence of epileptic activity and of brain damage. Niemann H, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(6):399–403

The educated epileptic. Miranti JP. **GP** 1968 Jan;37(1):112–3

WAIS and neuropsychological tests: common and unique variance within an epileptic population. Kupke T, et al. **J Clin Exp Neuropsychol** 1985 Aug;7(4):353–66

Cognitive-behavioral treatment of depressed affect among epileptics: preliminary findings. Davis GR, et al. **J Clin Psychol** 1984 Jul;40(4):930–5

Stigma in patients with early epilepsy: a national longitudinal study. Britten N, et al. **J Epidemiol Community Health** 1984 Dec;38(4):291–5

Psychogenic forms of epilepsy. Boldyrev AI. **Neurosci Behav Physiol** 1985 Mar–Apr;15(2):119–23

Non-compliance with anticonvulsant therapy as a cause of seizures. Stanaway L, et al. **NZ Med J** 1985 Mar 13; 98(774):150–2

Epilepsy and its prejudice. Teachers' knowledge and opinions: are they a response to psychopathological phenomena? Gallhofer B. **Psychopathology** 1984; 17(4):187–212

Epilepsy: psychiatric aspects and use of psychotropics. Mendez MF, et al. **Psychosomatics** 1984 Dec;25(12):883–94

[Epilepsy and violence. Myth or reality?] Vidart L. **Ann Med Psychol (Paris)** 1984 Apr;142(4):558–62 **(Fre)**

[Epileptic patients in the psychiatric clinic. From twilight attacks to psychosis] Bash KW, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(4):237–49 (Eng. Abstr.) **(Ger)**

[Suffering and structuralization in convulsive diseases in childhood] Schernus R. **Prax Kinderpsychol Kinderpsychiatr** 1985 Jan;34(1):19–23 (Eng. Abstr.) **(Ger)**

[Psychometric studies on the specificity of psychological performance disorders of epileptic patients] Herzer H, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Jan; 37(1):1–10 (Eng. Abstr.) **(Ger)**

[Results of catamnestic studies on the social prognosis of childhood epilepsies] Klepel H, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Mar; 37(3):133–7 (Eng. Abstr.) **(Ger)**

[Information status and public opinion on the social psychiatric position of epilepsy in western Lower Austria] Hebenstreit G. **Psychiatr Prax** 1985 May;12(3):101–3 (Eng. Abstr.) **(Ger)**

[Social problems of epilepsy] Schweingruber R. **Schweiz Med Wochenschr** 1984 Sep 22;114(38):1294–6 (Eng. Abstr.) **(Ger)**

[Psychogenic seizures and their therapeutic problems] Broeker H. **Z Arztl Fortbild (Jena)** 1984;78(19):809–12 **(Ger)**

[Psychological aspects of the epileptic child and his relationship to his family environment] Nurchi AM, et al. **Pediatr Med Chir** 1984 Jan–Feb;6(1):109–13 (Eng. Abstr.) **(Ita)**

[Neuropsychological and electroencephalographic study on the West syndrome and the Lennox syndrome] Ichiba N, et al. **No To Hattatsu** 1984 Sep;16(5):341–50 (Eng. Abstr.) **(Jpn)**

[Evaluation of the mental state of children with early-childhood onset of epilepsy treated between 1977 and 1981 (preliminary report)] Popielarska M, et al. **Neurol Neurochir Pol** 1984 Nov–Dec;18(6):523–8 (Eng. Abstr.) **(Pol)**

[The epileptic and his family: neurologic and psychological factors of peculiar pathologic dynamics] Ferrando Bundio L. **Actas Luso Esp Neurol Psiquiatr** 1985 Jan–Feb; 13(1):37–42 (Eng. Abstr.) **(Spa)**

SURGERY

More intense focal seizure types after callosal section: the role of inhibition. Spencer SS, et al. **Ann Neurol** 1984 Dec; 16(6):686–93

Epilepsy surgery. Goldring S. **Clin Neurosurg** 1983;31:369–88

Identifying and referring patients with epilepsy for surgery. Sutherling WW. **Clin Ther** 1985;7(2):266–71

The underutilisation of surgery in the therapy of epilepsy [editorial] Ward AA Jr. **Ir Med J** 1985 Jun;78(6):150–1

Verbal memory deficits after left temporal lobectomy for epilepsy. Mechanism and intraoperative prediction. Ojemann GA, et al. **J Neurosurg** 1985 Jan;62(1):101–7

Evaluation of patients for the surgical management of epilepsy. Maxwell RE, et al. **Minn Med** 1985 Jul; 68(7):553–5

Surgery for epilepsy. Spencer DD, et al. **Neurol Clin** 1985 May;3(2):313–30 (65 ref.)

Interhemispheric commissurotomy for congenital hemiplegics with intractable epilepsy. Goodman RN, et al. **Neurology** 1985 Sep;35(9):1351–4

[The present status and perspectives of the surgical treatment of epilepsy] Vladyka V. **Cesk Neurol Neurochir** 1985 Mar; 48(2):64–72 **(Cze)**

[Motor function compensation in patients with infantile residual encephalopathy and epilepsy following hemispherectomy] Bein BN. **Zh Vopr Neirokhir** 1984 Sep-Oct;(5):50-8 (Eng. Abstr.) **(Rus)**

THERAPY

Use of moderate hypothermia and benzodiazepines in cerebral salvage [letter] Gemmell L, et al. **Crit Care Med** 1985 Feb;13(2):138

Effects of gamma-globulin therapy in severely epileptic children. Bedini R, et al. **Epilepsia** 1985 Jan-Feb; 26(1):98-102

Effects of a broad-spectrum behavior modification treatment program on children with refractory epileptic seizures. Dahl J, et al. **Epilepsia** 1985 Jul-Aug;26(4):303-9

Intravenous gammaglobulin for post-encephalitic epilepsy [letter] Sandstedt P, et al. **Lancet** 1984 Nov 17; 2(8412):1154-5

Bioelectrical correlates of protective mechanisms of the brain. Bekhtereva NP. **Neurosci Behav Physiol** 1985 Jan-Feb;15(1):27-32

Acupuncture on experimental epilepsies. Chen RC, et al. **Proc Natl Sci Counc Repub China [B]** 1984 Jan;8(1):72-7

Behavioral control of intractable idiopathic seizures: I. Self-regulation of end-tidal carbon dioxide. Fried R, et al. **Psychosom Med** 1984 Jul-Aug;46(4):315-31

[Tactics for managing patients who developed epileptic seizures and paroxysmal states for the first time] Skriabin VV, et al. **Zh Nevropatol Psikhiatr** 1985;85(6):881-6 (Eng. Abstr.) **(Rus)**

[The effect of long-term stimulation of epileptic foci on their activity] Drličková V, et al. **Bratisl Lek Listy** 1984 Sep; 82(3):1087-93 (Eng. Abstr.) **(Slo)**

URINE

Gas chromatographic determination of m- and p-hydroxyphenytoin in the urine of epileptic patients. Shimada K, et al. **J Chromatogr** 1985 May 3;339(2):331-7

VETERINARY

Efficacy of primidone in dogs with seizures unresponsive to phenobarbital. Farnbach GC. **J Am Vet Med Assoc** 1984 Oct 15;185(8):867-8

Therapeutic efficacy of phenobarbital and primidone in canine epilepsy: a comparison. Schwartz-Porsche D, et al. **J Vet Pharmacol Ther** 1985 Jun;8(2):113-9

EPILEPSY, ABDOMINAL see **EPILEPSY, TEMPORAL LOBE**

EPILEPSY, FOCAL

More intense focal seizure types after callosal section: the role of inhibition. Spencer SS, et al. **Ann Neurol** 1984 Dec; 16(6):686-93

CHEMICALLY INDUCED

Diphenylhydantoin encephalopathy. A case report. Gallitto G, et al. **Acta Neurol (Napoli)** 1985 Feb;7(1):1-7

Geniculate spikes during epileptic seizures induced in dogs by pentylenetetrazol and bicuculline. Binnie CD, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul;61(1):40-9

The blood-brain barrier lesion and the systemic convulsant model of epilepsy. Remler MP, et al. **Epilepsia** 1984 Oct; 25(5):574-7

Alumina cream-induced focal motor epilepsy in cats. Part 5. Excision and transplant of the epileptogenic granuloma. Velasco M, et al. **Epilepsia** 1984 Dec;25(6):752-8

Interictal afterdischarge in focal penicillin epilepsy: block by thalamic cooling. Gasteiger EL, et al. **Exp Neurol** 1985 May;88(2):349-59

COMPLICATIONS

Postictal pulmonary edema in children. Mulroy JJ, et al. **Neurology** 1985 Mar;35(3):403-5

Epileptic gaze deviation and nystagmus. Thurston SE, et al. **Neurology** 1985 Oct;35(10):1518-21

[Status epilepticus in adult epileptics followed in a neurologic hospital] Courjon J, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Dec; 14(3):175-9 (Eng. Abstr.) **(Fre)**

[Recognition of emotional states by epileptics from voices] Tarkhan AU, et al. **Zh Nevropatol Psikhiatr** 1985; 85(6):840-6 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Electroencephalographic spiking activity, drug levels, and seizure occurrence in epileptic patients. Gotman J, et al. **Ann Neurol** 1985 Jun;17(6):597-603

Vomiting as sole manifestation of simple partial seizure [letter] Shukla GD, et al. **Arch Neurol** 1985 Jul;42(7):626

The benign infantile epilepsies with evoked spikes. DeMarco P. **Clin Electroencephalogr** 1985 Jan;16(1):39-44

Epilepsia partialis continua: active cortical spike discharges and high cerebral blood flow in the motor cortex and enhanced transcortical long loop reflex. Kuroiwa Y, et al. **J Neurol** 1985;232(3):162-6

Relapse of benign partial epilepsy of children in adulthood: report of a case [letter] Ambrosetto G, et al. **J Neurol Neurosurg Psychiatry** 1985 Jan;48(1):90

Preliminary observations on magnetic resonance imaging in refractory epilepsy. Sostman HD, et al. **Magn Reson Imaging** 1984;2(4):301-6

Comparison of electrophysiologic and metabolic changes in the human epileptic cortex. Wong PK, et al. **Prog Brain Res** 1984;62:303-13

[Partial primary epilepsy] Gastaut H. **Bull Acad Natl Med (Paris)** 1984 Oct-Nov;168(7-8):764-8 (Eng. Abstr.) **(Fre)**

DRUG THERAPY

gamma-Vinyl GABA: a double-blind placebo-controlled trial in partial epilepsy. Gram L, et al. **Ann Neurol** 1985 Mar;17(3):262-6

Pilot study of zonisamide (1,2-benzisoxazole-3-methanesulfonamide) in patients with refractory partial seizures. Sackellares JC, et al. **Epilepsia** 1985 May-Jun;26(3):206-11

A prospective study between carbamazepine, phenytoin and sodium valproate as monotherapy in previously untreated and recently diagnosed patients with epilepsy. Callaghan N, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul; 48(7):639-44

The interaction of denzimol (a new anticonvulsant) with carbamazepine and phenytoin. Patsalos PN, et al. **J Neurol Neurosurg Psychiatry** 1985 Apr;48(4):374-7

Anticonvulsant drugs alter plasma tryptophan concentrations in epileptic patients: implications for antiepileptic action and mental function. Pratt JA, et al. **J Neurol Neurosurg Psychiatry** 1984 Oct;47(10):1131-3

ETIOLOGY

Focal epilepsy in diabetic non-ketotic hyperglycaemia. Grant C, et al. **Br Med J [Clin Res]** 1985 Apr 20;290(6476):1204-5

Epilepsia partialis continua following pertussis infection. Komsuoğlu SS, et al. **Clin Electroencephalogr** 1985 Jan; 16(1):45-7

Pseudoperiodic paroxysmal discharge in a case of hemorrhagic shock. Bindi A, et al. **Ital J Neurol Sci** 1984 Dec:5(4):447-50

[Disseminated bone angiomatosis and focal epilepsy] Labrune B, et al. **Arch Fr Pediatr** 1984 Nov;41(9):649-51 (Eng. Abstr.) **(Fre)**

[Headache and generalized epileptic EEG activity due to strong light exposure] Logar C, et al. **EEG EMG** 1985 Mar; 16(1):17-20 (Eng. Abstr.) **(Ger)**

[A case of pachygyria associated with total hemiatrophy and partial epilepsy] Omori M, et al. **Nippon Naika Gakkai Zasshi** 1984 Sep;73(9):1334-41 **(Jpn)**

[Convulsive crisis associated with non-ketotic hyperglycemia (letter)] Dalmau i Obrador B, et al. **Med Clin (Barc)** 1985 Feb 16;84(6):251 **(Spa)**

METABOLISM

A selective loss of hippocampal mossy fiber Timm stain accompanies granule cell seizure activity induced by perforant path stimulation. Sloviter RS. **Brain Res** 1985 Mar 18;330(1):150-3

Effect of alpha-amino-4-phosphonobutyrate on the release of endogenous glutamate and aspartate from cortical synaptosomes of epileptic rats. Abdul-Ghani AS. **J Neurochem** 1985 Aug;45(2):365-9

PATHOLOGY

Smoldering encephalitis in children. Gupta PC, et al. **Neuropediatrics** 1984 Oct;15(4):191-7

PHYSIOPATHOLOGY

Secondary epileptogenesis in man. Morrell F. **Arch Neurol** 1985 Apr;42(4):318-35

Partial inhibitory seizures: a report on two cases. Wang PJ, et al. **Brain Dev** 1984;6(6):553-9

Focal cortical seizures prevent HRP and HRP-WGA labeling only in neurons bidirectionally connected to the cortex. Divac I, et al. **Brain Res** 1984 Oct 8;311(1):189-93

Limbic seizures, kindling, and psychosis: a link between neurobiology and clinical psychiatry. Rubin EH, et al. **Compr Ther** 1985 Jul;11(7):54-8

Cerebral bigeminy: alternating periodic epileptiform discharges. Aldrich MS, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul;61(1):23-5

Mechanisms of epileptogenesis in photosensitive epilepsy implied by the effects of moving patterns. Binnie CD, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul;61(1):1-6

Hypoglycemic activation of focal abnormalities in the EEG of patients considered for temporal lobectomy. Sperling MR. **Electroencephalogr Clin Neurophysiol** 1984 Dec; 58(6):506-12

Brain-stem auditory evoked responses during activation of generalized paroxysmal discharges in man. Aguglia U, et al. **Electromyogr Clin Neurophysiol** 1985 Jan-Feb; 25(1):57-62

Physiological mechanisms of focal epileptogenesis. Prince DA. **Epilepsia** 1985;26 Suppl 1:S3-14 (81 ref.)

Interictal afterdischarge in focal penicillin epilepsy: thalamocortical unit activity. Albowitz B, et al. **Exp Neurol** 1985 May;88(2):360-71

A study of cerebral blood flow and metabolism in epileptic psychosis using positron emission tomography and oxygen. Gallhofer B, et al. **J Neurol Neurosurg Psychiatry** 1985 Mar;48(3):201-6

Pathophysiology of neuronal signaling in the cerebral cortex. Turner DA. **Minn Med** 1985 Jul;68(7):550-2

Temporal lobe signs: electroencephalographic validity and enhanced scores in special populations. Makarec K, et al. **Percept Mot Skills** 1985 Jun;60(3):831-42

Fast and slow magnetic phenomena in focal epileptic seizures. Barth DS, et al. **Science** 1984 Nov 16;226(4676):855-7

[Contrasting effects of stimulation of the caudate nucleus and globus pallidus on paroxysmal hippocampal activity in the cat] La Grutta V, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):87-91 (Eng. Abstr.) **(Ita)**

[Effect of the globus pallidus on hippocampal epilepsy in the cat] Sabatino M, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):93-7 (Eng. Abstr.) **(Ita)**

[Deep cerebral electrical activity during the hypnotic state in man: neurologic considerations in hypnosis] De Benedittis G, et al. **Riv Neurol** 1985 Jan-Feb;55(1):1-16 (Eng. Abstr.) **(Ita)**

[Destruction of apical dendritic layers in penicillin-induced cortical epileptic focus] Okamoto J, et al. **No To Shinkei** 1984 Dec;36(12):1215-21 (Eng. Abstr.) **(Jpn)**

[Structural and functional organization of paroxysmal and stable pathological states] Kambarova DK. **Fiziol Zh SSSR** 1984 Jul;70(7):912-20 (Eng. Abstr.) **(Rus)**

PSYCHOLOGY

Defective stimulus set attention in generalized epilepsy. Brandt J. **Brain Cogn** 1984 Apr;3(2):140-51

Intelligence test performance of patients with partial and generalized seizures. Giordani B, et al. **Epilepsia** 1985 Jan-Feb;26(1):37-42

Personality characteristics of epileptic patients: a controlled study of generalized and temporal lobe cases. Brandt J, et al. **J Clin Exp Neuropsychol** 1985 Feb;7(1):25-38

RADIOGRAPHY

Focal seizures with reversible hypodensity on the CT scan [letter] Zegers De Beyl D, et al. **J Neurol Neurosurg Psychiatry** 1985 Feb;48(2):187-8

Focal seizures, early veins, and increased flow. A clinical, angiographic, and radioisotopic correlation. Yarnell PR, et al. **Neurology** 1974 Jun;24(6):512-6

Unexplained bilateral occipital calcification and reduced vision. Del Giudice E, et al. **Neuropediatrics** 1984 Oct; 15(4):218-9

[Computerized tomography in evaluating the etiology of focal epilepsy] Bogunović D, et al. **Vojnosanit Pregl** 1984 Jul-Aug;41(4):285-6 **(Scr)**

SURGERY

Effects of surgical treatment in epileptic children. Ciganek L, et al. **Czech Med** 1984;7(4):187-90

Developmental aspects of focal epilepsies of childhood treated by neurosurgery. Lindsay J, et al. **Dev Med Child Neurol** 1984 Oct;26(5):574-87

Episodic aphemia and epileptic focus in nondominant hemisphere: relieved by section of corpus callosum. Williamson PD, et al. **Neurology** 1985 Jul;35(7):1069-71

[The amytal test--a diagnostic aid in epileptic surgery] Silfvenius H, et al. **Lakartidningen** 1984 Oct 3;81(40):3625-8 **(Swe)**

THERAPY

[Effect of acupuncture on the activity of experimental epileptogenic foci in the hippocampus of rabbits] Gusel' VA, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):27-9 (Eng. Abstr.) **(Rus)**

EPILEPSY, GRAND MAL

CHEMICALLY INDUCED

Seizures induced by abrupt discontinuation of alprazolam. Breier A, et al. **Am J Psychiatry** 1984 Dec;141(12):1606-7

Grand mal seizures following fentanyl-lidocaine [letter] Baraka A, et al. **Anesthesiology** 1985 Feb;62(2):206

Concerning the possible nature of reported fentanyl seizures [letter] Benthuysen JL, et al. **Anesthesiology** 1985 Feb; 62(2):205

Convulsions associated with cyclosporin A in renal transplant recipients. Beaman M, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):139-40

Seizures due to theophylline overdose. Singer EP, et al. **Chest** 1985 Jun;87(6):755-7

Factitious epilepsy due to amitryptyline abuse. O'Rahilly S, et al. **Ir Med J** 1985 Jun;78(6):166-7

Rapid improvement of delusional depression following drug-induced seizures: case report. Rubin AL, et al. **J Clin Psychiatry** 1985 Apr;46(4):146-7

Does viloxazine have epileptogenic properties? Edwards JG, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):960-4

[Side effects of Dimer X used in radiculography] Olbrych-Karpińska B, et al. **Wiad Lek** 1984 Sep 15; 37(18):1462-4 (Eng. Abstr.) **(Pol)**

COMPLICATIONS

[Neurogenic pulmonary edema. Description of a case occurring after an epileptic crisis] Piatti L, et al.

G Ital Cardiol 1984 Aug;14(8):602-5 (Eng. Abstr.) (Ita)

[Symptoms accompanying epileptic attacks] Nowak S. **Neurol Neurochir Pol** 1984 May-Jun;18(3):223-8 (Eng. Abstr.) (Pol)

DIAGNOSIS

[Clinical significance of sleep status following-large scale epileptic attacks (grand mal)] Oettinger E. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Jul;36(7):427-32 (Eng. Abstr.) (Ger)

DRUG THERAPY

Treatment for teenagers with epilepsy [letter] Espir M, et al. **Br Med J [Clin Res]** 1985 May 11;290(6479):1433

Focal dystonic reaction to phenytoin [letter] Choonara IA, et al. **Dev Med Child Neurol** 1984 Oct;26(5):677-8

One drug for childhood grand mal: medical audit for three-year remissions. Forsythe WI, et al. **Dev Med Child Neurol** 1984 Dec;26(6):742-8

Use of dextroamphetamine in epilepsy. Appleby JG. **J SC Med Assoc** 1985 May;81(5):281-2

Influence of long-term administration of anticonvulsants on human somatic chromosomes. Relationships of chromosome aberrations to plasma concentration, dosage and duration of anticonvulsants. Matsushima Y, et al. **Neuropsychobiology** 1984;11(2):106-10

[Grand mal status and grand mal series--causes, therapy and course] Fröscher W, et al. **Anaesth Intensivther Notfallmed** 1985 Feb;20(1):12-8 (Eng. Abstr.) (Ger)

ETIOLOGY

Complications of digital intravenous angiography: experience in 2488 cervicocranial examinations. Pinto RS, et al. **AJR** 1984 Dec;143(6):1295-9

Television induced seizures in alcoholics. De Keyser J, et al. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1191-2

Seizures, water intoxication in anorexia nervosa [letter] Silber TJ. **Psychosomatics** 1984 Sep;25(9):705-6

PHYSIOPATHOLOGY

The frequency of electroencephalographic abnormalities in healthy epileptic patients: a review of 92 cases. Bahemuka M, et al. **East Afr Med J** 1984 Mar;61(3):170-6

Thalamic kindling: electrical stimulation of the lateral geniculate nucleus produces photosensitive grand mal seizures. Shouse MN, et al. **Exp Neurol** 1984 Oct;86(1):18-32

PREVENTION & CONTROL

The effect of allopurinol on oxygen-induced seizures in mice. Hoppe SA, et al. **Aviat Space Environ Med** 1984 Oct;55(10):927-30

RADIOGRAPHY

[Indications and limitations of computer tomography studies in headaches and seizures] Huber P. **Schweiz Med Wochenschr** 1984 Sep 22;114(38):1300-4 (Eng. Abstr.) (Ger)

EPILEPSY, MYOCLONUS

COMPLICATIONS

[Hashimoto's thyroiditis and myoclonic encephalopathy. Pathogenic hypothesis] Latinville D, et al. **Rev Neurol (Paris)** 1985;141(1):55-8 (Eng. Abstr.) (Fre)

[Myoclonus epilepsy with atonic attacks] Guseva LL, et al. **Pediatriia** 1984 Dec;(12):61-2 (Rus)

DRUG THERAPY

Effect of treatment with sodium valproate on plasma adrenocorticotropic hormone and cortisol concentrations in pregnancy. Hatjis CG, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):315-6

Anticonvulsant drugs alter plasma tryptophan concentrations in epileptic patients: implications for antiepileptic action and mental function. Pratt JA, et al. **J Neurol Neurosurg Psychiatry** 1984 Oct;47(10):1131-3

Amantadine in the treatment of refractory epilepsy in childhood: an open trial in 10 patients. Shields WD, et al. **Neurology** 1985 Apr;35(4):579-81

[Phenytoin-induced paroxysmal choreoathetosis] Todt H, et al. **Padiatr Grenzgeb** 1984;23(6):467-70 (Eng. Abstr.) (Ger)

ETIOLOGY

Self-induced photogenic epilepsy in infants. Watanabe K, et al. **Arch Neurol** 1985 Apr;42(4):406-7

FAMILIAL & GENETIC

Maternally inherited mitochondrial myopathy and myoclonic epilepsy. Rosing HS, et al. **Ann Neurol** 1985 Mar;17(3):228-37

PATHOLOGY

Progressive myoclonic epilepsy, nerve deafness and spinal muscular atrophy. Lance JW, et al. **Clin Exp Neurol** 1984;20:141-51

Lafora's disease: peroxisomal storage in skeletal muscle. Carpenter S, et al. **Neurology** 1974 Jun;24(6):531-8

[Progressive degenerative myoclonic epilepsy. Systematized olivo-cerebellar lesions] Habib M, et al. **Rev Neurol (Paris)** 1985;141(4):274-88 (Eng. Abstr.) (Fre)

[Morphological study on biopsied skin materials of Lafora disease] Kusunose Y, et al. **No To Shinkei** 1984 Oct;36(10):969-73 (Eng. Abstr.) (Jpn)

PHYSIOPATHOLOGY

Visual evoked response abnormality in myoclonus epilepsy with large pupils. Occurrence in a family with acorpuscular myoclonus epilepsy. Hess CW, et al. **Arch Neurol** 1985 Apr;42(4):359-61

The spectrum of cortical myoclonus. From focal reflex jerks to spontaneous motor epilepsy. Obeso JA, et al. **Brain** 1985 Mar;108 (Pt 1):193-24

Pathogenesis of giant somatosensory evoked potentials in progressive myoclonic epilepsy. Shibasaki H, et al. **Brain** 1985 Mar;108 (Pt 1):225-40

Myoclonus: relation to epilepsy. Hallett M. **Epilepsia** 1985;26 Suppl 1:S67-77

Effect of inosine on seizures induced with pentylenetetrazole, bicuculline, or picrotoxin. Lewin E, et al. **Epilepsia** 1985 May-Jun;26(3):258-61

Primary generalised epileptic myoclonus: a frequent manifestation of minipolymyoclonus of central origin. Wilkins DE, et al. **J Neurol Neurosurg Psychiatry** 1985 Jun;48(6):506-16

Cortical excitability after myoclonus: jerk-locked somatosensory evoked potentials. Shibasaki H, et al. **Neurology** 1985 Jan;35(1):36-41

EPILEPSY, PARTIAL see EPILEPSY, FOCAL

EPILEPSY, PARTIAL COMPLEX see EPILEPSY, TEMPORAL LOBE

EPILEPSY, PETIT MAL

DIAGNOSIS

Absence seizures and variants. Lockman LA. **Neurol Clin** 1985 Feb;3(1):19-29 (43 ref.)

[West and Lennox-Gastaut syndromes. Their place in epileptic pathology in children] Aicardi J. **Bull Acad Natl Med (Paris)** 1984 Oct-Nov;168(7-8):774-8 (Eng. Abstr.) (Fre)

[Petit mal in children and adolescents] Pinsard N. **Bull Acad Natl Med (Paris)** 1984 Oct-Nov;168(7-8):769-73 (Eng. Abstr.) (Fre)

[Circadian phenomena in petit mal epilepsy] Tomka I. **EEG EMG** 1985 Mar;16(1):10-6 (Eng. Abstr.) (Ger)

DRUG THERAPY

Evaluation of treatment in typical absence seizures. The roles of long-term EEG monitoring and ethosuximide. Blomquist HK, et al. **Acta Paediatr Scand** 1985 May;74(3):409-15

Antiepileptic drug evaluation in a new animal model: spontaneous petit mal epilepsy in the rat. Micheletti G, et al. **Arzneimittelforsch** 1985;35(2):483-5

Antiepileptic action of the beta-carboline ZK 91296 in a genetic petit mal model in rats. Jensen LH, et al. **Eur J Pharmacol** 1984 Jul 20;102(3-4):521-4

Therapeutic response of absence seizures in patients of an epilepsy clinic for adolescents and adults. Wolf P, et al. **J Neurol** 1984;231(4):225-9

Psychosis-like absence status of elderly patients: successful treatment with sodium valproate. Iivanainen M, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):965-9

Amantadine in the treatment of refractory epilepsy in childhood: an open trial in 10 patients. Shields WD, et al. **Neurology** 1985 Apr;35(4):579-81

[Combination of sodium valproate and clonazepam in the treatment of symptomatic West syndrome and Lennox syndrome] Oki J, et al. **No To Hattatsu** 1985 Jan;17(1):37-43 (Eng. Abstr.) (Jpn)

[Use of tryptophan in the treatment of epilepsy of the Lennox-Gastaut type] Prusiński A, et al. **Neurol Neurochir Pol** 1984 May-Jun;18(3):287-9 (Eng. Abstr.) (Pol)

[Frequency and duration of minor epileptic seizures during treatment while undergoing multiple-day telemetric EEG monitoring] Kharitonov RA, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1470-4 (Eng. Abstr.) (Rus)

ETIOLOGY

Absence status appearing on eye-closure. Aguglia U, et al. **Clin Electroencephalogr** 1985 Apr;16(2):111-8

Frontoparietal astrocytoma causing absence seizures and bilaterally synchronous epileptiform discharges. Farwell JR, et al. **Epilepsia** 1984 Dec;25(6):695-8

FAMILIAL & GENETIC

Rud syndrome revisited: ichthyosis, mental retardation, epilepsy and hypogonadism. Marxmiller J, et al. **Dev Med Child Neurol** 1985 Jun;27(3):335-43

Valproate-induced hyperammonaemia in two epileptic identical twins. Campostrini R, et al. **J Neurol** 1985;232(3):167-8

Petit mal-absences of childhood onset: familial prevalence of migraine and seizures. Baier WK, et al. **Neuropediatrics** 1985 May;16(2):80-3

METABOLISM

Local cerebral metabolic rate for glucose during petit mal absences. Engel J Jr, et al. **Ann Neurol** 1985 Feb;17(2):121-8

PHYSIOPATHOLOGY

Biphasic effects of Ro 15-1788 on spontaneous petit mal-like seizures in rats. Marescaux C, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):355-9

Triphasic spike-wave stupor in portal-systemic encephalopathy: a case report [letter] Yamamoto M, et al. **J Neurol Neurosurg Psychiatry** 1985 Apr;48(4):386-7

[Comparison of clinical and electroencephalographic findings in absence in childhood] Fiedlerová D, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(3):175-82 (Eng. Abstr.) (Cze)

EPILEPSY, PSYCHIC EQUIVALENT see EPILEPSY, TEMPORAL LOBE

EPILEPSY, PSYCHOMOTOR see EPILEPSY, TEMPORAL LOBE

EPILEPSY, TEMPORAL LOBE

Usefulness of parenteral kainic acid as a model of temporal lobe epilepsy. Tremblay E, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Dec;14(3):241-6

COMPLICATIONS

Psychomotor epileptic symptoms in six patients with bipolar mood disorders. Lewis DO, et al. **Am J Psychiatry** 1984 Dec;141(12):1583-6

Migraine and complex seizures in children. Seshia SS, et al. **Epilepsia** 1985 May-Jun;26(3):232-6

Effects of carbamazepine on plasma haloperidol levels. Jann MW, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):106-9

Narcolepsy-cataplexy and gelastic-atonic seizures [letter] Duchowny MS, et al. **Neurology** 1985 May;35(5):775-6

Temporal lobe epilepsy: an extrahypothalamic pathogenesis for polycystic ovarian syndrome? Herzog AG, et al. **Neurology (NY)** 1984 Oct;34(10):1389-93

[Study of vestibular disorders in epileptics by means of electronystagmography and functional visual and vestibular loads] Blagoveshchenskaia NS, et al. **Zh Nevropatol Psikhiatr** 1985;85(6):846-51 (Eng. Abstr.) (Rus)

DIAGNOSIS

The limited usefulness of nasopharyngeal EEG recording in psychiatric patients. Ramani V, et al. **Am J Psychiatry** 1985 Sep;142(9):1099-100

Psychomotor status. Van Rossum J, et al. **Arch Neurol** 1985 Oct;42(10):989-93

Psychic seizures. A diagnostic challenge. Hopping M. **Bull Menninger Clin** 1984 Sep;48(5):401-17

Three epileptic patients suffering from periods of frequent complex partial seizures and diagnostic criteria for epileptic status. Egawa I, et al. **Folia Psychiatr Neurol Jpn** 1984;38(2):111-20

Complex partial seizures presenting as a psychiatric illness. Stern TA, et al. **J Nerv Ment Dis** 1984 Oct;172(10):625-7

Type I complex partial seizures of hippocampal origin: excellent results of anterior temporal lobectomy. Delgado-Escueta AV, et al. **Neurology** 1985 Feb;35(2):143-54

[Benign midtemporal epilepsy in childhood] Arts WF, et al. **Ned Tijdschr Geneeskd** 1984 Sep 8;128(36):1704-8 (Eng. Abstr.) (Dut)

[Magnetic resonance tomography (MRT) in temporal lobe lesions. Study of patients with psychomotor seizures] Schörner W, et al. **ROFO** 1985 Mar;142(3):282-7 (Eng. Abstr.) (Ger)

[Primary hypoparathyroidism diagnosed and treated as epilepsy] Puch U, et al. **Wiad Lek** 1984 Aug 1;37(15):1217-21 (Eng. Abstr.) (Pol)

[Obscure epileptic states in early childhood] Vučičević G. **Med Pregl** 1985;38(1-2):49-50 (Eng. Abstr.) (Ser)

DRUG THERAPY

Clonazepam--antipsychotic effect in a case of schizophrenia-like psychosis with epilepsy and in three cases of atypical psychosis. Frykholm B. **Acta Psychiatr Scand** 1985 May;71(5):539-42

Effects of carbamazepine on prolactin secretion in normal subjects and in epileptic subjects. Bonuccelli U, et al. **Clin Neuropharmacol** 1985;8(2):165-74

Focal dystonic reaction to phenytoin [letter] Choonara IA, et al. **Dev Med Child Neurol** 1984 Oct;26(5):677-8

Piracetam causes confusion in a patient with temporal lobe epilepsy [letter] Sandyk R, et al. **J Am Geriatr Soc** 1985 Apr;33(4):305

Carbamazepine and idiopathic thrombocytopenia [letter]

Lutz EG. **J Clin Psychiatry** 1985 May;46(5):199

Clorazepate in the treatment of complex partial seizures with psychic symptomatology. Griffith JL, et al. **J Nerv Ment Dis** 1985 Mar;173(3):185-6

Prognosis of chronic epilepsy with complex partial seizures. Schmidt D. **J Neurol Neurosurg Psychiatry** 1984 Dec; 47(12):1274-8

Oxcarbazepine, GP 47779, and spasticity [letter] Bittencourt PR, et al. **Lancet** 1985 Sep 21;2(8456):676

Influence of long-term administration of anticonvulsants on human somatic chromosomes. Relationships of chromosome aberrations to plasma concentration, dosage and duration of anticonvulsants. Matsushima Y, et al. **Neuropsychobiology** 1984;11(2):106-10

Improvement of psychomotor epilepsy due to interaction of phenytoin-isoniazid [letter] Thulasimnay M, et al. **Tubercle** 1984 Sep;65(3):229-30

[Case report of epileptic psychosis caused by drugs] Panić A, et al. **Med Pregl** 1985;38(1-2):57-60 (Eng. Abstr.) **(Ser)**

ETIOLOGY

Panic attacks and temporal lobe seizures associated with a right temporal lobe arteriovenous malformation: case report. Wall M, et al. **J Clin Psychiatry** 1985 Apr; 46(4):143-5

Temporal lobe encephaloceles: etiology of partial complex seizures? [letter] Rosenbaum TJ, et al. **Neurology** 1985 Feb; 35(2):287-8

Limbic seizure and brain damage produced by kainic acid: mechanisms and relevance to human temporal lobe epilepsy. Ben-Ari Y. **Neuroscience** 1985 Feb;14(2):375-403 (200 ref.)

[Electroclinical study of partial complex epilepsy. Paroxysmal need to drink] Despland PA, et al. **Rev Electroencephalogr Neurophysiol Clin** 1985 Apr; 14(4):293-6 (Eng. Abstr.) **(Fre)**

[Neurological complications in children with Ehlers-Danlos syndrome] Michałowicz R, et al. **Pediatr Pol** 1984 Jul; 59(7):599-602 **(Pol)**

HISTORY

Dr. Trevelyan and Mr. Treves: Sherlock Holmes and the Elephant Man. Massey JM, et al. **South Med J** 1985 Jul; 78(7):854-7

MICROBIOLOGY

Herpes simplex viral DNA in temporal lobe epilepsy [letter] Gannicliffe A, et al. **Lancet** 1985 Jan 26;1(8422):214-5

PATHOLOGY

Temporal lobe volumetric cell densities in temporal lobe epilepsy. Babb TL, et al. **Epilepsia** 1984 Dec;25(6):729-40

Smoldering encephalitis in children. Gupta PC, et al. **Neuropediatrics** 1984 Oct;15(4):191-7

[Special forms of ultrastructural changes in dendrites and axons in the human and cat brain] Iontov AS, et al. **Arkh Anat Gistol Embriol** 1984 Dec;87(12):8-11 (Eng. Abstr.) **(Rus)**

[Ultrastructure of epileptic foci in temporal epilepsy] Iontov AS, et al. **Zh Nevropatol Psikhiatr** 1985;85(6):813-8 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Kindling: an animal model of complex partial epilepsy. McNamara JO. **Ann Neurol** 1984;16 Suppl:S72-6

The 'foramen ovale electrode': a new recording method for the preoperative evaluation of patients suffering from mesio-basal temporal lobe epilepsy. Wieser HG, et al. **Electroencephalogr Clin Neurophysiol** 1985 Oct; 61(4):314-22

Comparative effects of estradiol benzoate, the antiestrogen clomiphene citrate, and the progestin medroxyprogesterone acetate on kainic acid-induced seizures in male and female rats. Nicoletti F, et al. **Epilepsia** 1985 May-Jun;26(3):252-7

Cerebral organization of affect suggested by temporal lobe seizures. Hurwitz TA, et al. **Neurology** 1985 Sep; 35(9):1335-7

Geophysical variables and behavior: XXII. The tectonogenic strain continuum of unusual events. Persinger MA. **Percept Mot Skills** 1985 Feb;60(1):59-65

Temporal lobe signs and reports of subjective paranormal experiences in a normal population: a replication. Persinger MA, et al. **Percept Mot Skills** 1985 Jun;60(3):903-9

Basic science and clinical aspects of procaine HCl as a limbic system excitant. Adamec RE, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985; 9(2):109-19

[Diminished regional cerebral blood flow during the intercritical period in temporal lobe epilepsy] Baldy-Moulinier M, et al. **Rev Neurol (Paris)** 1985; 141(1):18-27 (Eng. Abstr.) **(Fre)**

[A case of gelastic epilepsy in a child (epileptic crisis with affective semiology of laughing)] Nuevo Bono FJ, et al. **An Esp Pediatr** 1984 Dec;21(9):858-60 **(Spa)**

PSYCHOLOGY

The theme of death in complex partial seizures. Greenberg DB, et al. **Am J Psychiatry** 1984 Dec;141(12):1587-9

Violence and temporal lobe epilepsy [letter] Stone AA. **Am J Psychiatry** 1984 Dec;141(12):1641-2

Autonomic responsiveness to affective visual stimulation in temporal lobe epilepsy. Bellur S, et al. **Biol Psychiatry** 1985 Jan;20(1):73-8

Evidence for psychopathology in patients with rhythmic midtemporal discharges. Hughes JR, et al. **Biol Psychiatry** 1984 Dec;19(12):1623-34

Defective stimulus set attention in generalized epilepsy. Brandt J. **Brain Cogn** 1984 Apr;3(2):140-51

Epileptic facial metamorphopsia. Nass R, et al. **Brain Dev** 1985;7(1):50-2

Right hemisphere appreciation of prosodic and linguistic indications of implicit attitude. Tompkins CA, et al. **Brain Lang** 1985 Mar;24(2):185-203

Verbal memory disturbances in left temporal lobe epileptics. Masui K, et al. **Cortex** 1984 Sep;20(3):361-8

Verbal learning differences in epileptic patients with left and right temporal lobe foci. Mungas D, et al. **Epilepsia** 1985 Jul-Aug;26(4):340-5

Personality characteristics of epileptic patients: a controlled study of generalized and temporal lobe cases. Brandt J, et al. **J Clin Exp Neuropsychol** 1985 Feb;7(1):25-38

Temporal lobe epilepsy and the Bear-Fedio personality inventory [letter] Bear DM. **Neurology** 1985 Feb; 35(2):284-6

Surface dyslexia in a child with epilepsy. Temple CM. **Neuropsychologia** 1984;22(5):569-76

[Rorschach studies on the so-called epileptic character change] Hunger J, et al. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(1):151-64 (Eng. Abstr.) **(Ger)**

[Study of perceptual defense and aggression in left and right temporal lobe epilepsy] Ledesma-Jimeno A, et al. **Actas Luso Esp Neurol Psiquiatr** 1984 Jul-Aug;12(4):279-86 (Eng. Abstr.) **(Spa)**

RADIONUCLIDE IMAGING

[Diagnosis of temporal lobe epilepsy by positron emission tomography] Shimizu H, et al. **No To Shinkei** 1985 May; 37(5):507-12 (Eng. Abstr.) **(Jpn)**

SURGERY

The new Maudsley series of temporal lobectomy. I: Short-term cognitive effects. Powell GE, et al. **Br J Clin Psychol** 1985 May;24 (Pt 2):109-24

Experience of temporal lobectomy as a treatment modality for epilepsy, using inter-ictal EEG data alone to localize the epileptogenic focus. Carey P, et al. **Ir Med J** 1985 Mar; 78(3):74-7

A computational analysis of mental image generation: evidence from functional dissociations in split-brain patients. Kosslyn SM, et al. **J Exp Psychol [Gen]** 1985 Sep; 114(3):311-41

The relationship of transient hemiparesis following febrile convulsions in infancy to subsequent temporal lobectomy for intractable seizures. Darkins A, et al. **J Neurol Neurosurg Psychiatry** 1985 Jun;48(6):551-5

Access to the posterior medial temporal lobe structures in the surgical treatment of temporal lobe epilepsy. Spencer DD, et al. **Neurosurgery** 1984 Nov;15(5):667-71

[Case of severe epilepsy treated by 2-stage hemispherectomy] Stepień L, et al. **Neurol Neurochir Pol** 1984 May-Jun; 18(3):295-302 (Eng. Abstr.) **(Pol)**

[Therapeutic effect of stereotaxic and classical operations by the open approach in so-called temporal epilepsy] Kuchar M, et al. **Cas Lek Cesk** 1984 Nov 9;123(45):1377-80 (Eng. Abstr.) **(Slo)**

THERAPY

Self-abatement of complex partial seizures. Pritchard PB 3d, et al. **Ann Neurol** 1985 Aug;18(2):265-7

EPILEPSY, TRAUMATIC

ETIOLOGY

Posttraumatic epilepsy and mortality following penetrating head injuries [letter] Rish BL. **Arch Neurol** 1985 Jul; 42(7):627

Epilepsy after penetrating head injury. I. Clinical correlates: a report of the Vietnam Head Injury Study. Salazar AM, et al. **Neurology** 1985 Oct;35(10):1406-14

METABOLISM

Posttraumatic early epilepsy and minor head injury. Kaminogo M. **Neurol Res** 1983;5(4):67-77

REHABILITATION

[Rehabilitation of patients with traumatic epilepsy] Lekomtsev VT. **Zh Nevropatol Psikhiatr** 1985;85(6):879-81 (Eng. Abstr.) **(Rus)**

SURGERY

A computational analysis of mental image generation: evidence from functional dissociations in split-brain patients. Kosslyn SM, et al. **J Exp Psychol [Gen]** 1985 Sep; 114(3):311-41

EPILEPSY, UNCINATE see **EPILEPSY, TEMPORAL LOBE**

EPIMERASES see under **ISOMERASES**

EPIMESTROL see under **ESTRENES**

EPINEPHRINE

Otolaryngologists using local anesthetics containing epinephrine [letter] **Arch Otolaryngol** 1985 Apr; 111(4):280-1

Dangers of propranolol withdrawal prior to local anesthesia with epinephrine [letter] Alexander GD. **Arch Otolaryngol** 1985 Apr;111(4):280

Stability of epinephrine in dental anesthetic solutions: implications for autoclave sterilization and elevated temperature storage. Kelly JR, et al. **Milit Med** 1985 Feb; 150(2):112-4

ADMINISTRATION & DOSAGE

Effects of adjuvants to local anaesthetics on their duration. I. Studies of dextrans of widely varying molecular weight and adrenaline in rat infraorbital nerve block. Hassan HG, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):375-9

Immediate reversal of severe laryngospasm by intranasally instilled lidocaine with epinephrine [letter] Johnson LA. **Ann Emerg Med** 1985 Mar;14(3):275-6

Bronchodilatation and inhibition of allergen-induced bronchoconstriction by circulating epinephrine in asthmatic subjects. Larsson K, et al. **J Allergy Clin Immunol** 1985 May;75(5):586-93

Vasoconstrictor preference [letter] Cawson RA. **J Am Dent Assoc** 1984 Oct;109(4):542, 544

Efficacy of epinephrine concentration in local anesthesia during periodontal surgery. Buckley JA, et al. **J Periodontol** 1984 Nov;55(11):653-7

Review and survey of medicaments used with gingival retraction cords. Donovan TE, et al. **J Prosthet Dent** 1985 Apr;53(4):525-31

Inadvertent intravenous administration of racemic epinephrine. Kurachek SC, et al. **JAMA** 1985 Mar 8; 253(10):1441-2

Effect of intravenous epinephrine infusion on plasma renin activity in adrenalectomized dogs. Johnson MD. **Life Sci** 1985 Jun 24;36(25):2403-11

The role of vasoconstrictors in control of blood loss in reduction mammaplasty. Brantner JN, et al. **Plast Reconstr Surg** 1985 Mar;75(3):339-41

[Importance of the action zone in adrenaline electrophoresis in patients with sequelae of viral encephalitis] Kornienko EG. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov-Dec; (6):47-8 **(Rus)**

[Morphofunctional changes in the myocardium after administration of adrenaline and phosphodiesterase inhibitors] Sergienko OV. **Vrach Delo** 1985 Mar;(3):36-9 (Eng. Abstr.) **(Rus)**

[Adrenaline in aerosol administration in dangerous allergic reactions] Stiksa G, et al. **Lakartidningen** 1984 Oct 3; 81(40):3617-8 **(Swe)**

ADVERSE EFFECTS

Hemodynamic and plasma catecholamine responses to epinephrine-containing perianal lidocaine anesthesia. Barber WB, et al. **Anesth Analg** 1985 Sep;64(9):924-8

Convulsions and ventricular tachycardia from bupivacaine with epinephrine: successful resuscitation—congratulations! [letter] Moore DC, et al. **Anesth Analg** 1985 Aug; 64(8):844-6

Did anesthetic mismanagement contribute to intraoperative death? [letter] **Anesthesiology** 1984 Dec;61(6):791-2

Ventricular arrhythmias and adrenaline infiltration during gynaecological surgery [letter] Cunningham AJ. **Br J Anaesth** 1985 Sep;57(9):936-7

Withdrawal syndrome follows abrupt cessation of intracerebroventricular infusion of epinephrine in spontaneously hypertensive rats. Jeffries WB, et al. **Life Sci** 1985 Apr 8;36(14):1331-7

Adrenaline and anaphylaxis [letter] Roberts-Thomson P, et al. **Med J Aust** 1985 Jun 24;142(13):708

Renal failure and other serious sequelae of epinephrine toxicity in neonates. Levine DH, et al. **South Med J** 1985 Jul;78(7):874-7

ANALOGS & DERIVATIVES

Biochemical screening for pheochromocytoma. Superiority of urinary metanephrines measurements. Manu P, et al. **Am J Epidemiol** 1984 Nov;120(5):788-90

Interference by Sotalol with the Pisano method for urinary metanephrines. Savory DJ. **Ann Clin Biochem** 1984 Sep;21 (Pt 5):446

Bisulfite intolerance manifest as bronchospasm following topical dipivefrin hydrochloride therapy for glaucoma [letter] Schwartz HJ, et al. **Arch Ophthalmol** 1985 Jan; 103(1):14-5

Factor analytic derivation of the MHPG/NM ratio: implications for studying the link between physical fitness and depression. Sothmann MS, et al. **Biol Psychiatry** 1985 May;20(5):579-83

Acetaminophen administration interferes with urinary metanephrine (and catecholamine) determinations [letter] Wilson SP, et al. **Clin Chem** 1985 Jun;31(6):1093-4

Dipivefrin: an adrenaline pro-drug for glaucoma. **Drug Ther Bull** 1985 Apr 9;23(7):27-8

Normetanephrine and metanephrine oxidized by both types of monoamine oxidase. Suzuki O, et al. **Experientia** 1985 May 15;41(5):634–6

Antihypertensive metabolites of alpha-methyldopa. Robertson D, et al. **Hypertension** 1984 Sep–Oct;6(5 Pt 2):II45–50 (32 ref.)

Bulbar conjunctival follicles associated with dipivefrin therapy. Liesegang TJ. **Ophthalmology** 1985 Feb; 92(2):228–33

Postjunctional Origin of the indirect-like sympathomimetic effect of metanephrine and normetanephrine on blood pressure. Rodríguez-Méndez SA, et al. **Rev Esp Fisiol** 1984 Dec;40(4):469–75

ANALYSIS

Plasma, adrenal, and heart catecholamines in physically trained normal and diabetic rats. Jobidon C, et al. **Diabetes** 1985 Jun;34(6):532–5

Elevated catecholamines in porcine follicular fluid before ovulation. Bahr JM, et al. **Endocrinology** 1985 Aug; 117(2):620–3

Catecholamine concentrations in tears. Trope GE, et al. **Exp Eye Res** 1984 Sep;39(3):247–50

Increased adrenal epinephrine and norepinephrine in spontaneously hypertensive rats treated with hyperbaric oxygen. Nakada T, et al. **Hinyokika Kiyo** 1984 Oct; 30(10):1357–66

Analysis of USP epinephrine injections for potency, impurities, degradation products, and d-enantiomer by liquid chromatography, using ultraviolet and electrochemical detectors. Kirchhoefer RD, et al. **J Assoc Off Anal Chem** 1985 Mar–Apr;68(2):163–5

Histofluorescent and radioenzymatic analysis of colonic catecholamines in man. Koch TR, et al. **J Auton Nerv Syst** 1984 Dec;11(4):383–91

High-performance liquid chromatographic determination of d-/l-epinephrine enantiomer ratio in lidocaine-epinephrine local anesthetics. Allgire JF, et al. **J Chromatogr** 1985 May 29;325(1):249–54

High-performance liquid chromatographic analysis of epinephrine enantiomers using a UV detector in series with an optical activity detector. Scott BS, et al. **J Chromatogr** 1985 Feb 20;319(3):419–26

Decrease in hypothalamic epinephrine concentration and other neurochemical changes produced by quinpirole, a dopamine agonist, in rats. Fuller RW, et al. **J Neural Transm** 1985;61(3–4):161–73

[The effect of water structure on cyclodextrin inclusion and light sensitivity of epinephrine] Hüttenrauch R, et al. **Pharmazie** 1985 Mar;40(3):199–200 **(Ger)**

[Effect of carbon dioxide baths on the content of catecholamines in the brain and processes of their inactivation] Mirzoian SA, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May–Jun; (3):16–9 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Inhibition of the epinephrine-induced reduction of intraocular pressure by systemic indomethacin in humans. Camras CB, et al. **Am J Ophthalmol** 1985 Jul 15; 100(1):169–75

Inhibition of epinephrine absorption by dextran. Ueda W, et al. **Anesthesiology** 1985 Jan;62(1):72–5

BIOSYNTHESIS

Epinephrine and norepinephrine syntheses are regulated by a glucocorticoid receptor-mediated mechanism in the bovine adrenal medulla. Nawata H, et al. **Life Sci** 1985 May 20;36(20):1957–66

BLOOD

Anesthetic agents and sympatho-adrenal response to hemorrhage in the rat. Hamberger B, et al. **Acta Chir Scand [Suppl]** 1984;520:109–13

Beta receptors in peripheral mononuclear cells increase acutely during exercise. Burman KD, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):563–8

Altered plasma catecholamines and numbers of alpha- and beta-adrenergic receptors in platelets and leucocytes in hyperthyroid patients normalized under antithyroid treatment. Ratge D, et al. **Acta Endocrinol (Copenh)** 1985 Sep;110(1):75–82

Effects of thyrotrophin-releasing hormone on plasma catecholamine levels in acromegalics. Rozenberg I, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):19–24

Responses of plasma catecholamines to tilt in patients with diabetes mellitus. Sundkvist G, et al. **Acta Med Scand** 1984; 216(2):223–7

Adrenaline and preeclampsia. Oian P, et al. **Acta Med Scand [Suppl]** 1985;693:29–32

Sympatho-adrenal activity and metabolic adjustment during the first 12 hours after birth in infants of diabetic mothers. Broberger U, et al. **Acta Paediatr Scand** 1984 Sep; 73(5):620–5

Catecholamine response to chest physiotherapy and endotracheal suctioning in preterm infants. Greisen G, et al. **Acta Paediatr Scand** 1985 Jul;74(4):525–9

Catecholamine surge and metabolic adaptation in the newborn after vaginal delivery and caesarean section. Hägnevik K, et al. **Acta Paediatr Scand** 1984 Sep; 73(5):602–9

Plasma noradrenaline and adrenaline in newborn infants of diabetic mothers: relation to plasma lipids. Hertel J, et al. **Acta Paediatr Scand** 1985 Jul;74(4):521–4

The effect of acoustic stimulus of different continuity pattern on plasma concentration of catecholamines in humans during submaximal exercise. Buczyński A, et al. **Acta Physiol Pol** 1983 Sep–Dec;34(5–6):595–600

Changes in blood level of catecholamines during arterial blood pressure rise induced with sciatic nerve stimulation. Całkosiński I, et al. **Acta Physiol Pol** 1984 Jan–Feb; 35(1):47–51

Seasonal changes in blood lipids, adrenaline, noradrenaline, glucose and insulin in Norwegian reindeer. Larsen TS, et al. **Acta Physiol Scand** 1985 May;124(1):53–9

Central nervous system actions of somatostatin-related peptides. Brown MR, et al. **Adv Exp Med Biol** 1985; 188:217–28

Effect of a benzodiazepine (alprazolam) on plasma epinephrine and norepinephrine levels during exercise stress. Stratton JR, et al. **Am J Cardiol** 1985 Jul 1; 56(1):136–9

Comparison of myocardial catecholamine balance in chronic congestive heart failure and in angina pectoris without failure. Swedberg K, et al. **Am J Cardiol** 1984 Oct 1; 54(7):783–6

Fluidity of cadaveric blood after sudden death: Part I. Postmortem fibrinolysis and plasma catecholamine level. Takeichi S, et al. **Am J Forensic Med Pathol** 1984 Sep; 5(3):223–7

Catecholamine responses in fetal lambs subjected to hemorrhage. Jones CM, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):475–8

Pentobarbital effects on plasma catecholamines: temperature, heart rate, and blood pressure. Baum D, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E95–100

Pentobarbital anesthesia suppresses basal and 2-deoxy-D-glucose-stimulated plasma catecholamines. Taborsky GJ Jr, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R905–10

Correlation between cardiac performance and plasma catecholamine levels in conscious dogs. Young MA, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):H82–8

Effects of physostigmine on pulse, blood pressure, and serum epinephrine levels. Janowsky DS, et al. **Am J Psychiatry** 1985 Jun;142(6):738–40

Effects of intravenous bupivacaine on cardiovascular function and plasma catecholamine levels in humans. Hasselstrøm LJ, et al. **Anesth Analg** 1984 Dec;63(12):1053–8

The effects of toxic concentrations of theophylline on oxygen consumption, ventricular work, acid base balance, and plasma catecholamine levels in the dog. Curry SC, et al. **Ann Emerg Med** 1985 Jun;14(6):554–61

Intensive insulin therapy reduces counterregulatory hormone responses to hypoglycemia in patients with type I diabetes. Simonson DC, et al. **Ann Intern Med** 1985 Aug; 103(2):184–90

Measurement of plasma catecholamine concentrations. An assessment of anxiety. Fell D, et al. **Br J Anaesth** 1985 Aug;57(8):770–4

Plasma catecholamines and modes of delivery: the relation between catecholamine levels and in-vitro platelet aggregation and adrenoreceptor radioligand binding characteristics. Jones CR, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):593–9

Sympatho-adrenal and cardiovascular reactivity in pregnancy-induced hypertension. I. Responses to isometric exercise and a cold pressor test. Nisell H, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):722–31

Catecholamine responses to changes in posture during human pregnancy. Whittaker PG, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):586–92

Circulating catecholamines in acute asthma. Ind PW, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):267–9

Hormonal and haemodynamic responses to upper abdominal surgery during isoflurane and balanced anaesthesia. Gelman S, et al. **Can Anaesth Soc J** 1984 Sep;31(5):509–16

Plasma catecholamines in the conscious rat during endotoxicosis. Jones SB, et al. **Circ Shock** 1984; 14(3):189–201

Changes in plasma catecholamine concentrations in patients with coronary heart disease during pacing and physical exercise. Dominiak P, et al. **Clin Cardiol** 1985 Feb; 8(2):77–81

Evidence for the participation of endogenous opioids in the sympathoadrenal response to hypoglycaemia in man. Bouloux PM, et al. **Clin Endocrinol (Oxf)** 1985 Jan; 22(1):49–56

Low sodium diet augments plasma and tissue catecholamine levels in pithed rats. Kaufman LJ, et al. **Clin Exp Hypertens [A]** 1984;6(9):1543–58

Changes of immunoregulatory cells induced by psychological and physical stress: relationship to plasma catecholamines. Landmann RM, et al. **Clin Exp Immunol** 1984 Oct; 58(1):127–35

Plasma catecholamine responses to change of posture in alcoholics during withdrawal and after continued abstinence from alcohol. Eisenhofer G, et al. **Clin Sci** 1985 Jan;68(1):71–8

Changes in plasma catecholamines in response to reflex modulation of sympathetic vasoconstrictor tone by cardiopulmonary receptors. Grassi G, et al. **Clin Sci** 1985 May;68(5):503–10

Plasma catecholamines and vascular reactivity in uremic and dialysis patients. Campese VM, et al. **Contrib Nephrol** 1984; 41:90–8

Plasma testosterone and catecholamine responses to physical exercise of different intensities in men. Ježová D, et al. **Eur J Appl Physiol** 1985;54(1):62–6

Plasma glucagon and catecholamines during exhaustive short-term exercise. Näveri H, et al. **Eur J Applied Physiol** 1985;53(4):308–11

Influence of physical training on blood pressure, plasma renin, angiotensin and catecholamines in patients with ischaemic heart disease. Vanhees L, et al. **Eur J Applied Physiol** 1984;53(3):219–24

Enhancement of adrenaline plasma-levels shortens adrenaline half-life. Porta S, et al. **Horm Metab Res** 1985 May; 17(5):264–5

Plasma catecholamine and blood lactate cumulation during incremental exhaustive exercise. Lehmann M, et al. **Int J Sports Med** 1985 Apr;6(2):78–81

Plasma epinephrine concentration in healthy men: correlation with systolic pressure and rate-pressure product. Krakoff LR, et al. **J Am Coll Cardiol** 1985 Feb;5(2 Pt 1):352–6

The hemodynamic and plasma catecholamine responses to routine restorative dental care. Cioffi GA, et al. **J Am Dent Assoc** 1985 Jul;111(1):67–70

Hypoxemia increases plasma catecholamine concentrations in exercising humans. Escourrou P, et al. **J Appl Physiol** 1984 Nov;57(5):1507–11

Plasma catecholamines in rats during rewarming from induced hypothermia. Jones SB, et al. **J Appl Physiol** 1984 Sep;57(3):808–14

Adrenaline and the development of spontaneous hypertension in rats. Borkowski KR, et al. **J Auton Pharmacol** 1985 Jun; 5(2):89–100

Simple and fast analysis of adrenaline and noradrenaline in plasma on microbore high-performance liquid chromatography columns using fluorimetric detection. Kamperman G, et al. **J Chromatogr** 1985 Feb 8; 337(2):384–90

Circadian rhythms of epinephrine and norepinephrine in man. Linsell CR, et al. **J Clin Endocrinol Metab** 1985 Jun; 60(6):1210–5

Age-related changes in venous catecholamines basally and during epinephrine infusion in man. Wilkie FL, et al. **J Gerontol** 1985 Mar;40(2):133–40

Plasma prolactin, renin and catecholamines in young normotensive and borderline hypertensive subjects. Saito I, et al. **J Hypertens** 1984 Feb;2(1):61–4

Physical activity decreases the number of beta-adrenergic receptors on human lymphocytes. Krawietz W, et al. **Klin Wochenschr** 1985 Jan 15;63(2):73–8

Naloxone and methylprednisolone sodium succinate enhance sympathomedullary discharge in patients with septic shock. Hughes GS Jr. **Life Sci** 1984 Dec 3;35(23):2319–26

Naloxone inhibits the plasma epinephrine response to ACTH but not to 2-deoxy-D-glucose in rats. Okajima T, et al. **Life Sci** 1984 Nov 26;35(22):2177–81

Plasma catecholamines in arterial and capillary blood. Baumgartner H, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Feb; 328(4):461–3

Effects of 2-deoxyglucose on plasma catecholamines in adult and aged rats. McCarty R. **Neurobiol Aging** 1984 Winter; 5(4):285–9

Gonadotropin-releasing hormone increases plasma catecholamines and blood pressure in toads. Wilson JX, et al. **Neuroendocrinology** 1984 Nov;39(5):437–41

Effects of psychoactive drugs on plasma catecholamines during stress in rats. Vogel WH, et al. **Neuropharmacology** 1984 Sep;23(9):1105–8

Biochemical, physical and psychological findings in patients suffering from cardiac neurosis. Gasic S, et al. **Neuropsychobiology** 1985;13(1–2):12–6

Effect of histamine infusion on circulating methionine-enkephalin and catecholamine concentrations. Smith R, et al. **Neurosci Lett** 1985 Apr 19;55(3):289–92

Plasma adrenaline and noradrenaline during mental stress and isometric exercise in man. The role of arterial sampling. Jörgensen LS, et al. **Scand J Clin Lab Invest** 1985 Sep; 45(5):447–52

[Effects of variation in dietary sodium intake on plasma catecholamines in normal subjects] Jin L, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct; 6(5):378–80 (Eng. Abstr.) **(Chi)**

[Conjugated plasma catecholamines are lower in power athletes at rest and in physical work than in untrained probands] Lehmann M, et al. **Klin Wochenschr** 1985 Jan 2;63(1):37–42 (Eng. Abstr.) **(Ger)**

[Modification of adrenaline and noradrenaline levels by stress in air and oxygen breathing in patients with chronic obstructive ventilation disorders] Rühle KH, et al. **Prax Klin Pneumol** 1984 Dec;38(12):534–8 (Eng. Abstr.) **(Ger)**

[Changes in sympathetic activity in 18 postinfarct patients following a year of exercise therapy] Lehmann M, et al. **Z Kardiol** 1984 Dec;73(12):756–9 (Eng. Abstr.) **(Ger)**

[Configuration frequency analysis. XXIa. Stress-induced catecholamine reactions in hyper- and normotensive patients] Netter P, et al. **Z Klin Psychol Psychopathol Psychother** 1984;32(4):356–64 **(Ger)**

[Relation between asymmetrical hypertrophy of the interventricular septum and plasma levels of catecholamines in normotensive chronic uremic patients undergoing hemodialysis treatment] Bernardi D, et al. **G Ital Cardiol** 1984 Dec;14(12):999–1005 (Eng. Abstr.) **(Ita)**

[Influence of aging on the function of the sympathetic nervous system in healthy subjects—plasma norepinephrine, epinephrine and dopamine levels in rest and changes of posture] Hashisaki K, et al. **Kokyu To Junkan** 1984 Nov;32(11):1151–4 **(Jpn)**

[Clinical significance of plasma norepinephrine and epinephrine early in the course of acute myocardial infarction] Toda G, et al. **Kokyu To Junkan** 1985 May; 33(5):657–61 (Eng. Abstr.) **(Jpn)**

[Studies on plasma catecholamines during cardiopulmonary bypass —with special reference to the effects on children and adults] Isoda N. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jun;32(6):920–31 (Eng. Abstr.) **(Jpn)**

[Effect of combined electroanesthesia on catecholamine, cortisol and insulin concentrations in the peripheral blood of urological patients] Karpenko VV, et al. **Anesteziol Reanimatol** 1984 Nov–Dec;(6):14–6 (Eng. Abstr.) **(Rus)**

[Physiologico-biochemical correlates of the behavioral reactions in cats under states of emotional stress] Khomulo PS, et al. **Vopr Med Khim** 1984 Jul–Aug;30(4):53–5 (Eng. Abstr.) **(Rus)**

[Disorders of catecholamine sorption by the formed elements of the blood in cancer patients and restorative therapy] Sheveleva VS, et al. **Vopr Onkol** 1985;31(5):72–4 **(Rus)**

[Radioimmunoanalysis of adrenaline and noradrenaline in the normal fetus at term] Martínez Alcalá FO, et al. **Ginecol Obstet Mex** 1983 Oct;51(318):267–72 (Eng. Abstr.) **(Spa)**

CEREBROSPINAL FLUID

Involvement of catecholamines and serotonin in human hypertension. Sharma A, et al. **Pharmacol Res Commun** 1985 Jun;17(6):565–74

DIAGNOSTIC USE

Epinephrine-induced cyclic AMP production in skin fibroblasts from patients with dementia of Alzheimer type and controls. Volicer L, et al. **Neurobiol Aging** 1985 Spring; 6(1):35–8

[Possibilities of objective characterization of the clinical picture and therapeutic effects in neuroses using the iontophoretic autonomic test with adrenaline and dionine] Buzek B. **Cesk Psychiatr** 1984 Oct;80(5):308–17 (Eng. Abstr.) **(Cze)**

METABOLISM

Brain catecholamines in spontaneously hypertensive and DOCA-salt hypertensive rats. Fujino K. **Acta Med Okayama** 1984 Aug;38(4):325–40

Ocular distribution of topically applied adrenaline in albino and pigmented rabbits. Urtti A, et al. **Acta Ophthalmol (Copenh)** 1984 Oct;62(5):753–62

Neuronal and extraneuronal uptake of L-3H-adrenaline and L-14C-noradrenaline in the fish spleen. Ungell AL, et al. **Acta Physiol Scand** 1984 Dec;122(4):455–60

The adrenochrome pathway. A potential catabolic route for adrenaline metabolism in inflammatory disease. Matthews SB, et al. **Adv Myocardiol** 1985;6:367–81

Hypothalamic obesity, brown adipose tissue, and sympathoadrenal activity in rats. Vander Tuig JG, et al. **Am J Physiol** 1985 May;248(5 Pt 1):E607–17

Co-storage of adrenaline and noradrenaline with Met-enkephalin-Arg6-Gly7-Leu8 and Met-enkephalin-Arg6-Phe7 in chromaffin cells of hamster adrenal medulla. Kobayashi S, et al. **Arch Histol Jpn** 1984 Aug;47(3):319–36

Effects of high hydrostatic pressure on catecholamine contents in tissues of the eel acclimatized at two temperatures. Sebert P, et al. **Aviat Space Environ Med** 1984 Oct;55(10):931–4

Unexpected increase in catecholamines in adrenals of rats treated with 3-deazaadenosine. Brown ND, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):924–8

Accumulation of 3H-adrenaline by rabbit aorta. Abrahamsen J, et al. **Blood Vessels** 1985;22(1):32–46

Adrenaline concentration and turnover in the arcuate nucleus and median eminence during the critical period in the rat. Sheaves R, et al. **Brain Res** 1984 Dec 10;323(2):326–9

Catecholamines and congenital pain insensitivity. Raw I, et al. **Braz J Med Biol Res** 1984;17(3–4):271–9

Vascular alpha-adrenoceptors in man: interactions with adrenaline and noradrenaline. van Brummelen P, et al. **Clin Sci** 1985;68 Suppl 10:151s–153s

Accumulation of intra-arterially administered [3H]adrenaline and [3H]noradrenaline in various tissues of the Atlantic cod, Gadus morhua. Ungell AL. **Comp Biochem Physiol [C]** 1985;81(1):25–8

Secretion of catecholamines, ascorbic acid, progesterone and corticosterone by in-vitro superfusion from the adrenal of the Mongolian gerbil (Meriones Unguiculatus): effects of confinement stress. Fenske M. **Exp Clin Endocrinol** 1984 Oct;84(2):174–82

Effects of brain epinephrine depletion on thermoregulation, reflex bradycardia, and motor activity in rats. Tsai SH, et al. **Exp Neurol** 1985 Mar;87(3):428–38

Splanchnic and renal elimination and release of catecholamines in cirrhosis. Evidence of enhanced sympathetic nervous activity in patients with decompensated cirrhosis. Henriksen JH, et al. **Gut** 1984 Oct;25(10):1034–43

Epinephrine, norepinephrine, and dopamine during a 4-day head-down bed rest. Pequignot JM, et al. **J Appl Physiol** 1985 Jan;58(1):157–63

Changes in concentrations and rate of decline of adrenaline in the medial preoptic area and mediobasal hypothalamus of acutely ovariectomized steroid-treated rats. MacKinnon P, et al. **J Endocrinol** 1985 Jan;104(1):129–35

The adrenochrome pathway: the major route for adrenalin catabolism by polymorphonuclear leucocytes. Matthews SB, et al. **J Mol Cell Cardiol** 1985 Apr;17(4):339–48

Prostanoids and adrenaline release: a study of [3H]adrenaline efflux from the rabbit isolated, perfused, adrenal gland. Collett AR, et al. **J Pharm Pharmacol** 1985 Mar; 37(3):188–92

Biochemical correlates of morphine withdrawal. 2. Effects of clonidine. DiStefano PS, et al. **J Pharmacol Exp Ther** 1985 May;233(2):339–44

Abnormalities in plasma catecholamine response and tissue catecholamine accumulation in streptozotocin diabetic rats: a possible role for diabetic autonomic neuropathy. Fushimi H, et al. **Life Sci** 1984 Sep 3;35(10):1077–81

Evidence for the existence of putative dopamine-, adrenaline- and noradrenaline-containing vagal motor neurons in the brainstem of the rat. Kalia M, et al. **Neurosci Lett** 1984 Sep 7;50(1–3):57–62

[Significance of the adrenal medulla and brain catecholamine in perinatal period: their developmental changes and responses to hypoxia in fetal rats] Kishimoto Y. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr; 37(4):619–28 (Eng. Abstr.) **(Jpn)**

[Effect of various factors on catecholamine levels in the body] Orgacka H, et al. **Postepy Hig Med Dosw** 1983 Sep–Dec;37(5–6):483–504 (119 ref.) (Eng. Abstr.) **(Pol)**

[Effect of hypokinesia and muscle training on catecholamine levels of the myocardium of rats in postnatal ontogeny] Abzalov RA. **Biull Eksp Biol Med** 1985 Apr;99(4):394–7 (Eng. Abstr.) **(Rus)**

[Effect of the long-term fractional effect of constant high-energy magnetic fields on adrenal medulla activity] Kokoreva LV. **Kosm Biol Aviakosm Med** 1984 Nov–Dec; 18(6):86–7 **(Rus)**

[Catecholamine content of the skin in patients with psoriasis] Mushet GV. **Vestn Dermatol Venerol** 1985 Mar;(3):54–5 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Spinal cord and cerebral blood flow responses to subarachnoid injection of local anesthetics with and without epinephrine. Porter SS, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):330–8

Effects of short-term thyroxine treatment on pancreatic cytology and responses of blood sugar, serum insulin and serum free fatty acids to epinephrine infusion. Renauld A, et al. **Acta Diabetol Lat** 1984 Jul–Sep;21(3):219–34

Central hyperglycaemic effect of adrenaline and carbachol. Iguchi A, et al. **Acta Endocrinol (Copenh)** 1985 Aug; 109(4):440–5

Hypothermia induced by systematically administered epinephrine in the rat. Prilusky J, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(3):323–5

The effect of adrenaline infusion on the regulation of glycogenolysis in human muscle during isometric contraction. Chasiotis D, et al. **Acta Physiol Scand** 1985 Jan;123(1):55–60

Central hemodynamic effects of adrenaline with special reference to beta 2-adrenergic influence on heart rate and cardiac afterload in anesthetized cats. Gustafsson D, et al. **Acta Physiol Scand** 1984 Dec;122(4):553–64

Endurance training augments the stimulatory effect of epinephrine on oxygen consumption in perfused skeletal muscle. Richter EA, et al. **Acta Physiol Scand** 1984 Apr; 120(4):613–5

Effect of reductones on cyclic 3', 5'-adenosine monophosphate phosphodiesterase. Shinohara K, et al. **Acta Vitaminol Enzymol** 1985;7(1–2):99–108

Human platelet alpha 2-adrenergic receptors: effect of Na+ on interaction with the adenylate cyclase system and on epinephrine-stimulated platelet secretion. Limbird LE, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:235–42

Neural and transmitter influence on the capillary diameter in exteriorized frog mesentery. Dietrich HH, et al. **Adv Exp Med Biol** 1984;180:701–9

Cardiovascular sensitivity to epinephrine in the trained and untrained states. Martin WH 3d, et al. **Am J Cardiol** 1984 Dec 1;54(10):1326–30

Effect of epinephrine on defibrillation in ischemic ventricular fibrillation. Otto CW, et al. **Am J Emerg Med** 1985 Jul; 3(4):285–91

Bioassay of endothelium-derived relaxing factor(s): inactivation by catecholamines. Rubanyi GM, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):H95–101

Blood flow in the renal portal circulation of the turkey: effect of epinephrine. Palmore WP, et al. **Am J Vet Res** 1985 Jul;46(7):1589–92

Action of epinephrine on the function of the teat sphincter in the lactating cow. Vandeputte-Van Messom G, et al. **Am J Vet Res** 1984 Oct;45(10):2145–9

Safety and efficacy of epinephrine added to bupivacaine for lumbar epidural analgesia in obstetrics. Abboud TK, et al. **Anesth Analg** 1985 Jun;64(6):585–91

Maternal, fetal, and neonatal effects of lidocaine with and without epinephrine for epidural anesthesia in obstetrics. Abboud TK, et al. **Anesth Analg** 1984 Nov;63(11):973–9

Epinephrine does not prolong lidocaine spinal anesthesia in term parturients. Spivey DL. **Anesth Analg** 1985 May; 64(5):468–70

Beneficial effect of epinephrine infusion on cerebral and myocardial blood flows during CPR. Koehler RC, et al. **Ann Emerg Med** 1985 Aug;14(8):744–9

Dose-related response of centrally administered epinephrine on the change in aortic diastolic pressure during closed-chest massage in dogs. Kosnik JW, et al. **Ann Emerg Med** 1985 Mar;14(3):204–8

Effect of amines on fibrinogen synthesis. Roy AK, et al. **Arch Biochem Biophys** 1985 Jun;239(2):364–7

Beta-adrenergic receptors in rat myocardium during the development and reversal of hypertrophy and following chronic infusions of angiotensin II and epinephrine. Upsher ME, et al. **Arch Int Pharmacodyn Ther** 1985 Mar; 274(1):65–79

Effects of topical epinephrine on experimental sickle cell hyphema. Vernot JA, et al. **Arch Ophthalmol** 1985 Feb; 103(2):280–3

The effects of epinephrine and nicotine on gingival blood flow in the rabbit. Clarke NG, et al. **Arch Oral Biol** 1984; 29(10):789–93

Prejunctional effects of catecholamines. Majewski H, et al. **Bibl Cardiol** 1984;(38):53–9 (28 ref.)

Possible involvement of cyclooxygenase products in the actions of platelet-activating factor and of lipoxygenase products in the vascular effects of epinephrine in perfused rat liver. Mendlovic F, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):507–14

Stimulation of inositol trisphosphate formation in hepatocytes by vasopressin, adrenaline and angiotensin II and its relationship to changes in cytosolic free Ca2+. Charest R, et al. **Biochem J** 1985 Apr 1;227(1):79–90

Effects of phorbol esters on alpha 1-adrenergic-mediated and glucagon-mediated actions in isolated rat hepatocytes. García-Sáinz JA, et al. **Biochem J** 1985 May 15; 228(1):277–80

Hepatic thiol and glutathione efflux under the influence of vasopressin, phenylephrine and adrenaline. Sies H, et al. **Biochem J** 1985 Mar 1;226(2):545–9

Effect of epinephrine and norepinephrine on immuno-reactive insulin secretion from isolated islets of Langerhans. Mukherjee B, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):985–7

Effect of methyl palmoxirate, an oral hypoglycemic agent, on epinephrine-induced hyperglycemia in the rat. Tutwiler GF, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2217–20

Beta-adrenergic coupled phospholipid methylation. A possible role in withdrawal from chronic ethanol. Zawad JS, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3799–805

The effect of catecholamines and adenosine deaminase on the glucose transport system in rat adipocytes. Gliemann J, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):373–9

Comparison between diurnal changes and changes induced by hydrocortisone and epinephrine in circulating myeloid progenitor cells (CFU-GM) in man. Morra L, et al. **Biomed Pharmacother** 1984;38(3):167–70

Triggering by Paf-acether and adrenaline of cyclo-oxygenase-independent platelet aggregation. Fouque F, et al. **Br J Pharmacol** 1984 Nov;83(3):625–33

The mechanism of the inhibitory action of adrenaline on transmitter release in bullfrog sympathetic ganglia: independence of cyclic AMP and calcium ions. Kato E, et al. **Br J Pharmacol** 1985 Feb;84(2):435–43

Muscarine and luteinizing hormone releasing hormone attenuate adrenaline induced hyperpolarization in amphibian sympathetic ganglia. Smith PA, et al. **Br J Pharmacol** 1985 Jan;84(1):221–5

Epinephrine- and norepinephrine-evoked potential changes of frog primary afferent terminals: pharmacological characterization of alpha and beta components. Wohlberg CJ, et al. **Brain Res** 1985 Feb 18;327(1–2):289–301

The effect of subarachnoid epinephrine and phenylephrine on spinal cord blood flow. Kozody R, et al. **Can Anaesth Soc J** 1984 Sep;31(5):503–8

Blood pressure responses to ACTH and adrenaline infusions in dogs. Anderson WP, et al. **Clin Exp Hypertens [A]** 1985; 7(4):525–37

Blood pressure responses to prolonged infusions of adrenaline and noradrenaline in conscious dogs. Anderson WP, et al. **Clin Exp Hypertens [A]** 1984;6(8):1469–84

Increased plasma noradrenaline during low dose adrenaline infusion in resting man and during sympathetic stimulation. Musgrave IF, et al. **Clin Exp Pharmacol Physiol** 1985 May–Jun;12(3):285–9

Epinephrine-induced platelet aggregation. A twin study. Gaxiola B, et al. **Clin Genet** 1984 Dec;26(6):543–8

beta-2 Adrenergic blockade evaluated with epinephrine after placebo, atenolol, and nadolol. Hiatt WR, et al. **Clin Pharmacol Ther** 1985 Jan;37(1):2–6

Adrenaline and ion flux in isolated human leucocytes. Baron DN, et al. **Clin Sci** 1985 May;68(5):517–21

The development of a homologous teleost insulin radioimmunoassay and its use in the study of adrenaline on insulin secretion from isolated pancreatic islet tissue of the rainbow trout, Salmo gairdinerii (R.). Tilzey JF, et al. **Comp Biochem Physiol [A]** 1985;81(4):821–5

Alpha 1-adrenergic responsiveness of young adult and aged rat submandibular cells in vitro. Baum BJ, et al. **Comp Biochem Physiol [C]** 1985;81(1):121–4

Adrenergic stimulation of adrenocortical secretion in immature fowl. Rees A, et al. **Comp Biochem Physiol [C]** 1985;81(2):387–9

Blood flow in aphakic rabbit eyes after sub-chronic glaucoma drug treatment. Green K, et al. **Curr Eye Res** 1985 Jun; 4(6):667–70

The effect of retrobulbar epinephrine injection on ocular and optic nerve blood flow. Jay WM, et al. **Curr Eye Res** 1985 Jan;4(1):55–8

Effect of topical epinephrine and timolol on ocular and optic nerve blood flow in phakic and aphakic rabbit eyes. Jay WM, et al. **Curr Eye Res** 1984 Oct;3(10):1199–202

Pretreatment with detergents modulates the effects of epinephrine on uveal flow and intraocular pressure. van Pinxteren PC, et al. **Curr Eye Res** 1985 Jul;4(7):783–8

Developmental changes in adenylate cyclase activity in canine myocardium. Vulliemoz Y, et al. **Dev Pharmacol Ther** 1984;7(6):409–21

A comparison of the mechanisms of alpha-adrenergic inhibition of thyrotropin-stimulated adenosine 3',5'-monophosphate in cat, rat, mouse, hamster, beef, and pig tissues with the stimulatory effect of epinephrine on beef thyroid iodination: evidence for multiple, species-specific adrenergic mechanisms. Mills I, et al. **Endocrinology** 1985 Apr;116(4):1310–5

Histopathology of the spinal cord after intrathecal cocaine, bupivacaine, lignocaine and adrenaline in the rat. Bahar M, et al. **Eur J Anaesthesiol** 1984 Sep;1(3):293–7

Effect of adrenaline on myocardial oxygen consumption during selective and non-selective beta-adrenoceptor blockade comparison of atenolol and pindolol. Ihlen H, et al. **Eur J Clin Pharmacol** 1984;27(1):29–34

Beta 2-adrenoceptors mediate adrenaline's facilitation of neurogenic vasoconstriction. Borkowski KR, et al. **Eur J Pharmacol** 1984 Aug 17;103(3–4):339–42

Human platelet alpha 2-adrenoceptors: relationship between radioligand binding studies and adrenaline-induced aggregation in normal individuals. Swart SS, et al. **Eur J Pharmacol** 1984 Aug 3;103(1–2):25–32

Impact of neonatal catecholamine treatment on adult response to vasopressin and norepinephrine. Csaba G, et al. **Exp Clin Endocrinol** 1984 Oct;84(2):153–8

Effects of epinephrine and norepinephrine on serum parathyroid hormone and calcium in normal subjects. Ljunhgall S, et al. **Exp Clin Endocrinol** 1984 Dec; 84(3):313–8

Effect of epinephrine in vitro on the morphology, phagocytosis, and mitotic activity of human trabecular endothelium. Tripathi BJ, et al. **Exp Eye Res** 1984 Dec; 39(6):731–44

The influence of permanent adrenalin application on the triacylglycerol concentration and fatty acid synthesis in various tissues of the rat. Hohenegger M, et al. **Exp Pathol** 1984;26(3):151–4

The antilipolytic effect of insulin does not require adenylate cyclase or phosphodiesterase action. Gabbay RA, et al. **FEBS Lett** 1985 Jan 1;179(1):7–11

Evidence that adrenaline activates key oxidative enzymes in rat liver by increasing intramitochondrial [Ca2+]. McCormack JG. **FEBS Lett** 1985 Jan 28;180(2):259–64

A role for adrenaline and calmodulin in modulating cyclic AMP levels during the lactogenic cycle. Muñoz A, et al. **FEBS Lett** 1985 Jul 22;187(1):173–6

Phosphoinositide breakdown in isolated rat parotid membranes. Stimulation by cholinergic and alpha-adrenergic agonists. Nadler E, et al. **FEBS Lett** 1984 Dec 10;178(2):278–82

Hormonal regulation of fructose 2,6-bisphosphate levels in epididymal adipose tissue of rat. Sobrino F, et al. **FEBS Lett** 1985 Mar 25;182(2):327–30

Adrenergic regulation of insulin secretion from the chicken pancreas in vitro. Meglasson MD, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):82–9

Epinephrine effect on carbohydrate metabolism in isolated and perfused catfish liver. Ottolenghi C, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):219–29

Effect of slow calcium channel blockers on the electromechanical activity of frog myocardium in the presence of epinephrine. Gendvilienė V, et al. **Gen Physiol Biophys** 1985 Aug;4(4):349–58

Effect of trifluoperazine on the adrenaline stimulated glycerol release in vitro. Macias P, et al. **Horm Metab Res** 1984 Sep;16(9):506

The effect of adrenaline pretreatment on the in vitro generation of 3,5,3'-triiodothyronine and 3,3',5'-triiodothyronine (reverse T3) in rat liver preparation. Nauman A, et al. **Horm Metab Res** 1984 Sep; 16(9):471–4

Effects of adrenaline pretreatment on in vitro binding of 125I-triiodothyronine to nuclear receptor, intracellular distribution of endogenous triiodothyronine and activities of alfa-glycerophosphate dehydrogenase and malic enzyme in rat liver. Nauman J, et al. **Horm Metab Res** 1984 Oct; 16(10):521–4

Epinephrine enhances neurogenic vasoconstriction in the rat perfused kidney. Quinn P, et al. **Hypertension** 1985 Jan–Feb;7(1):47–52

Tissue sensitivity to acetylcholine, adrenaline, noradrenaline and serotonin and agents acting on sulphydryl groups. Tongia SK, et al. **Indian J Physiol Pharmacol** 1984 Apr–Jun;28(2):141–4

Influence of vagal tone on adrenaline-induced ventricular tachycardia in rats and guinea pigs. Tripathi RM, et al. **Indian J Physiol Pharmacol** 1984 Jul–Sep;28(3):237–9

Iontophoresis of epinephrine isomers to rabbit eyes induced HSV-1 ocular shedding. Hill JM, et al. **Invest Ophthalmol Vis Sci** 1985 Sep;26(9):1299–303

HSV-1 quantitation from rabbit neural tissues after epinephrine-induced reactivation. Shimomura Y, et al. **Invest Ophthalmol Vis Sci** 1985 Jan;26(1):121–5

Vascular responses to intravenous catecholamines in hands and forearms with normal and with increased skin blood flow. Allen JA, et al. **Ir J Med Sci** 1985 May;154(5):178–86

Exercise, dobutamine, and combined atropine, norepinephrine, and epinephrine compared. Haidet GC, et al. **J Appl Physiol** 1985 Jun;58(6):2047–53

Hemodynamic effects of epinephrine: concentration-effect study in humans. Stratton JR, et al. **J Appl Physiol** 1985 Apr;58(4):1199–206

Stimulation by epinephrine of the membrane transport of long chain fatty acid in the adipocyte. Abumrad NA, et al. **J Biol Chem** 1985 Aug 25;260(18):9969–71

Alpha- and beta-adrenergic stimulation of parenchymal cell Ca2+ influx. Influence of extracellular pH. Blackmore PF, et al. **J Biol Chem** 1984 Oct 25;259(20):12322–5

Effects of altered thyroid status on beta-adrenergic actions on skeletal muscle glycogen metabolism. Chu DT, et al. **J Biol Chem** 1985 Aug 25;260(18):9994–10000

Adrenergic regulation of glucose metabolism in rat heart. A calcium-dependent mechanism mediated by both alpha- and beta-adrenergic receptors. Clark MG, et al. **J Biol Chem** 1984 Dec 25;259(24):15204–11

Adenylate cyclase activity in rat myocardium following chronic infusions of angiotensin II and epinephrine. Kumano K, et al. **J Cardiovasc Pharmacol** 1984 Sep–Oct; 6(5):756–61

Dual effect of adrenaline on noradrenaline release in the pithed rabbit. Majewski H, et al. **J Cardiovasc Pharmacol** 1985 Mar–Apr;7(2):251–7

Enhanced glycemic responsiveness to epinephrine in insulin-dependent diabetes mellitus is the result of the inability to secrete insulin. Augmented insulin secretion normally limits the glycemic, but not the lipolytic or ketogenic, response to epinephrine in humans. Berk MA, et al. **J Clin Invest** 1985 Jun;75(6):1842–51

(-)-Adrenaline-induced, calcium-dependent phosphorylation of proteins in human platelets. Block LH, et al. **J Clin Invest** 1985 May;75(5):1600–7

Epinephrine-induced sequestration of the beta-adrenergic receptor in cultured S49 WT and cyc- lymphoma cells. Clark RB, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(1):97–119

Homologous desensitization of rat heart cells to beta-adrenergic stimulation and the absence of alpha-adrenergic or prostaglandin E1 effects. Fisher RA, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1983–84; 9(6):449–60

The effects of epinephrine, norepinephrine, and carbachol on oxygen consumption in rat sublingual gland slices. Terzić M, et al. **J Dent Res** 1984 Dec;63(12):1360–1

Evidence for a beta-adrenoceptor-mediated regulation of human natural killer cells. Hellstrand K, et al. **J Immunol** 1985 Jun;134(6):4095–9

Adrenaline and adenosine diphosphate-induced platelet aggregation require shape change. Importance of pseudopods. Milton JG, et al. **J Lab Clin Med** 1984 Nov; 104(5):805–15

Norepinephrine and histamine potentiate the increases in cyclic adenosine 3':5'-monophosphate elicited by vasoactive intestinal polypeptide in mouse cerebral cortical slices: mediation by alpha 1-adrenergic and H1-histaminergic receptors. Magistretti PJ, et al. **J Neurosci** 1985 Feb;5(2):362–8

Effects of intravenous glucose or epinephrine injection on plasma concentrations of potassium, magnesium and insulin in sheep. Yano H, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Dec;30(6):535–40

The influence of epinephrine on washed human platelets: shape change and protein phosphorylation. Resink TJ, et al. **J Recept Res** 1984;4(1–6):537–56

Modulation of cyclic AMP formation and progesterone secretion by human chorionic gonadotropin, epinephrine, buserelin and prostaglandins in normal or human chorionic gonadotropin desensitized rat immature luteal cells in monolayer culture. Massicotte J, et al. **J Steroid Biochem** 1984 Sep;21(3):217–26

Centrally inhibitory effect of adrenaline on cardiovascular and sympathetic nerve system in urethane anesthetized rat. Takeda K, et al. **Jpn Circ J** 1985 Mar;49(3):311–5

Effect of adrenaline on steroidogenesis in primary cultured bovine adrenocortical cells. Kawamura M, et al. **Jpn J Pharmacol** 1984 Sep;36(1):35–41

Methacholine- and adrenaline-induced arrhythmias in repeatedly cold-stressed mice. Kita T, et al. **Jpn J Pharmacol** 1984 Jul;35(3):327–9

Subsensitive pituitary cyclic AMP response to stress following adrenalectomy is not caused by loss of adrenal epinephrine. Kant GJ, et al. **Life Sci** 1985 Jun 24; 36(25):2421–8

Stimulation by epinephrine of histamine synthesis by rat peritoneal fluid mast cells in vitro. Rothschild AM, et al. **Life Sci** 1984 Oct 15;35(16):1645–51

Enhancement of histamine synthesis in mouse skin by epinephrine. Rothschild AM. **Life Sci** 1984 Oct 15; 35(16):1639–43

The effect of epinephrine and serotonin on hepatic poly(A)+ RNA synthesis. Roy AK, et al. **Life Sci** 1985 Jun 17; 36(24):2301–7

Effect of epinephrine on carbohydrate metabolism in exercising dogs. Issekutz B Jr. **Metabolism** 1985 May; 34(5):457–64

Indomethacin and salicylate decrease epinephrine-induced glycogenolysis. Miller JD, et al. **Metabolism** 1985 Feb; 34(2):148–53

Effects of nerve stimulation on enzyme secretion from the in vitro rat pancreas and 3H-release after preincubation with catecholamines. Singh J, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep; 327(3):228–33

Cardiovascular and metabolic effects of cervical epinephrine infiltration. Cunningham AJ, et al. **Obstet Gynecol** 1985 Jul;66(1):93–8

Plasma catecholamine and hemodynamic responses to the placement of epinephrine-impregnated gingival retraction cord. Hatch CL, et al. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):540–4

Differences in thromboxane production between neonatal and adult platelets in response to arachidonic acid and epinephrine. Stuart MJ, et al. **Pediatr Res** 1984 Sep; 18(9):823–6

Effects of hypoventilation on the cardiovascular responses of rats to adrenaline and acetylcholine. Dai S, et al. **Pharmacology** 1985;30(6):314–9

Dissociation of epinephrine's hyperglycemic and anorectic effect. Langhans W, et al. **Physiol Behav** 1985 Mar; 34(3):457–63

Effect of acetylcholine and adrenaline on ventricular action potentials of the human embryonic myocardium. Jelek K, et al. **Physiol Bohemoslov** 1984;33(5):463–9

Effects of adrenaline, calcium, and ouabain on the resting potential of frog muscle: interpretation based on the theory of allosteric control of cooperative interactions among surface anionic sites. Ling GN, et al. **Physiol Chem Phys Med NMR** 1984;16(5):405–23

Influence on memory of posttraining or pre-test injections of ACTH, vasopressin, epinephrine, and beta-endorphin, and their interaction with naloxone. Izquierdo I, et al. **Psychoneuroendocrinology** 1985;10(2):165–72

Airway responses to low concentrations of adrenaline and noradrenaline in normal subjects. Berkin KE, et al. **Q J Exp Physiol** 1985 Apr;70(2):203–9

Influence of E2 and F2 alpha prostaglandins and of hydrocortisone premedication on the effect of adrenaline in the portal bed of isolated perfused rat liver. Macek K, et al. **Sb Ved Pr Lek Fak Univ Karlovy** 1983;26(2):233–44

Vasoactive agonists prevent erythrocyte extravasation in thrombocytopenic hamsters. Shepro D, et al. **Thromb Res** 1984 Aug 15;35(4):421–30

Effects of adrenaline and alpha adrenergic antagonists on platelet aggregation in whole blood: evaluation of electrical impedance aggregometry. Swart SS, et al. **Thromb Res** 1984 Dec 1;36(5):411–8

[Pharmacological sensitivity of the photopic c-wave in the electroretinogram of the chicken. I. Effects of sodium azide, adrenaline, and a barbiturate] Wioland N, et al. **C R Acad Sci [III]** 1984;299(18):745–8 (Eng. Abstr.) **(Fre)**

[Effect of adrenaline and phenylephrine on milk extraction during the mechanical milking of cows] Bernabé J, et al. **Reprod Nutr Dev** 1985;25(2):379–88 (Eng. Abstr.) **(Fre)**

[Animal experiment studies on the hemodynamic effect of adrenaline following intravenous and endobronchial administration] Hörnchen U, et al. **Anasth Intensivther Notfallmed** 1985 Apr;20(2):84–8 (Eng. Abstr.) **(Ger)**

[Electrocardiographic studies of the modification of cardiac activity in cattle by adrenaline and noradrenaline with and without vagolysis (atropine) and beta-receptor blockade (propranolol)] Mielke H, et al. **Arch Exp Veterinarmed** 1985 Mar;39(2):193–206 (Eng. Abstr.) **(Ger)**

[Spinal anesthesia: significance for the addition of vasoconstrictors] Dohi S, et al. **Masui** 1985 Feb; 34(2):132–43 (86 ref.) (Eng. Abstr.) **(Jpn)**

[Concentrations of catecholamines in CSF and plasma, and cardiovascular effects following epidural administration of 2 mg epinephrine] Nakajima J. **Masui** 1985 Feb; 34(2):144–51 (Eng. Abstr.) **(Jpn)**

[Effects of epinephrine on plasma potassium; their relations with the liver] Saito Y, et al. **Masui** 1985 Apr;34(4):458–62 (Eng. Abstr.) **(Jpn)**

[Morphological studies on intra-parenchymal canal system and proximal bronchus in patients with bronchial asthma by selective alveolo-bronchography—with respect to the effects of epinephrine] Motojima S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Nov; 22(11):985–91 (Eng. Abstr.) **(Jpn)**

[Peridural anesthesia with 0.75% bupivacaine. Effects of the addition of adrenaline and sodium bicarbonate] Vane LA.

et al. **Rev Paul Med** 1984 Nov-Dec;102(6):244-8 (Eng. Abstr.) (Por)

[Effect of adrenaline on nucleotide composition and the degree of DNA methylation in the canine myocardium] Klisheva RI, et al. **Biol Nauki** 1984;(10):31-3 (Eng. Abstr.) (Rus)

[Regulation of the cell cycle of B-lymphocytes in mice by substances elevating the levels of intracellular cAMP and cGMP] Ado AD, et al. **Biull Eksp Biol Med** 1985 Apr; 99(4):455-8 (Eng. Abstr.) (Rus)

[High adrenaline sensitivity of the mitochondrial processes in the mucosa of the small intestine in rats] Babskiĭ AM, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):286-8 (Eng. Abstr.) (Rus)

[Effect of adrenaline on kidney lysosome function in rats during prolonged soft tissue crushing] Kobylianskiĭ LN. **Biull Eksp Biol Med** 1984 Oct;98(10):425-7 (Eng. Abstr.) (Rus)

[Adrenaline-induced autorhythmic activity in the isolated atrial myocardium of mitral stenosis patients and its suppression by etmozin and ethacizin (the diethylamino analog of etmozin)] Shkliar TF, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):462-6 (Eng. Abstr.) (Rus)

[Action of adrenaline and cAMP on the activity of a thermostable cytoplasmic inhibitor of Ca2+ ion transport across the mitochondrial membrane of the rat heart] Gainutdinov MKh, et al. **Dokl Akad Nauk SSSR** 1984; 278(2):475-8 (Rus)

[Effect of adrenaline and acetylcholine on the phosphatidylserine decarboxylase activity of the heart] Iakushev VS, et al. **Farmakol Toksikol** 1985 May-Jun; 48(3):45-6 (Eng. Abstr.) (Rus)

[Changes in adrenaline sensitivity during thermal adaptation] Kosenkov NI. **Fiziol Cheloveka** 1984 May-Jun;10(3):478-9 (Rus)

[Effect and aftereffect of adrenaline on the respiration of rat liver mitochondria] Babskiĭ AM, et al. **Fiziol Zh** 1985 May-Jun;31(3):301-6 (Eng. Abstr.) (Rus)

[Effect of serotonin, adrenaline and histamine on the mucosal metabolism of the small intestine in white rats] Semik LI, et al. **Fiziol Zh** 1985 Jan-Feb;31(1):53-9 (Eng. Abstr.) (Rus)

[Effect of resection and dissection of the distal portion of the small intestine on the adrenergic inhibition of gastric secretion] Trefilov AB. **Fiziol Zh SSSR** 1985 Feb; 71(2):221-5 (Eng. Abstr.) (Rus)

[Contrainsula action of adrenaline at the insulin receptor level--exogenous adrenaline depression of liver insulin receptor activity in rats] Bezdrobnyĭ IuV, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Sep-Oct;(5):760-70 (Eng. Abstr.) (Rus)

[Effect of adrenaline on incorporation of 125I-LDL into the aorta] Makhmudov RM, et al. **Kardiologiia** 1984 Aug; 24(8):96-9 (Eng. Abstr.) (Rus)

[Effect of glucocorticoids and adrenaline on insulin receptors in plasma membranes and nuclear envelopes of the rat liver] Bezdrobnyĭ IuV. **Ukr Biokhim Zh** 1984 Nov-Dec; 56(6):681-5 (Eng. Abstr.) (Rus)

PHYSIOLOGY

Hypokalemia from beta 2-receptor stimulation by circulating epinephrine. Brown MJ. **Am J Cardiol** 1985 Aug 30; 56(6):3D-9D

Prevention of epinephrine-induced hypokalemia by nonselective beta blockers. Vincent HH, et al. **Am J Cardiol** 1985 Aug 30;56(6):10D-14D

Mechanisms involved in alpha-adrenergic phenomena. Exton JH. **Am J Physiol** 1985 Jun;248(6 Pt 1):E633-47 (165 ref.)

Brain stem area with C1 epinephrine neurons mediates baroreflex vasodepressor responses. Granata AR, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):H547-67

Role of plasma epinephrine in fasted exercising rats. Winder WW, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):R302-7

Depletion of adrenal catecholamines alters the amnestic effect of amygdala stimulation. Bennett C, et al. **Behav Brain Res** 1985 Apr;15(2):83-91

Peripheral epinephrine modulates the effects of post-training amygdala stimulation on memory. Liang KC, et al. **Behav Brain Res** 1985 Apr;15(2):93-100

Epinephrine release and presynaptic alpha 2-adrenoceptic regulation in the guinea pig hypothalamus. Fujii Y, et al. **Brain Res** 1985 Feb 11;326(2):375-8

The adrenaline-alpha 2-adrenoceptor-mediated vasoconstrictor axis. Bolli P, et al. **Clin Sci** 1985;68 Suppl 10:141s-146s

Possible involvement of epinephrine in the cardiovascular effect of naloxone in humans. Hernandez J, et al. **Clin Ther** 1985;7(4):418-23

Regulation of ketogenesis by epinephrine and norepinephrine in the overnight-fasted, conscious dog. Steiner KE, et al. **Diabetes** 1985 May;34(5):425-32

Evidence that central epinephrine neurons participate in the control and regulation of neuroendocrine events during the estrous cycle. Sheaves R, et al. **Endocrinology** 1985 Feb; 116(2):542-6

[Adrenal epinephrine and the regulation of pulmonary surfactant release in neonatal rabbits. Padbury JF, et al. **Exp Lung Res** 1984;7(3-4):177-86

Role of epinephrine and vasopressin in the control of the pituitary-adrenal response to stress. Tilders FJ, et al. **Fed Proc** 1985 Jan;44(1 Pt 2):155-60

The effects of epinephrine on norepinephrine release in essential hypertension. Nezu M, et al. **Hypertension** 1985 Mar-Apr;7(2):187-95

Protective effect of circulating epinephrine within the physiologic range on the airway response to inhaled histamine in nonasthmatic subjects. Warren JB, et al. **J Allergy Clin Immunol** 1984 Nov;74(5):683-6

Epinephrine is unessential for stimulation of liver glycogenolysis during exercise. Carlson KI, et al. **J Appl Physiol** 1985 Feb;58(2):544-8

Involvement of epinephrine in the presynaptic beta adrenoceptor mechanism of norepinephrine release from rat hypothalamic slices. Ueda H, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):507-12

The function of adrenaline [editorial] **Lancet** 1985 Mar 9; 1(8428):561-2

Catecholamine involvement in preovulatory LH release: reassessment of the role of epinephrine. Kalra SP. **Neuroendocrinology** 1985 Feb;40(2):139-44

Role of brain epinephrine neurons in the regulation of serum prolactin and luteinizing hormone release in female rats. Liang NY, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jun;48(3):459-62

[Adrenaline in the development of arterial hypertension] Chlebus H, et al. **Pol Arch Med Wewn** 1984 Oct; 72(4):129-33 (Pol)

[Catecholamines and thyroid function] Słowińska-Srzednicka J. **Pol Tyg Lek** 1984 Jul 16-23;39(29-30):1013-6 (44 ref.) (Pol)

[Effect of phenazepam on the peripheral catecholaminergic systems in immobilization stress] Malikova LA, et al. **Farmakol Toksikol** 1985 Mar-Apr;48(2):23-7 (Eng. Abstr.) (Rus)

RADIATION EFFECTS

[Effect of ultraviolet irradiation on adrenaline and noradrenaline levels in the plasma, adrenal glands, brain stem and myocardium of rabbits] Mietkiewski E, et al. **Ann Acad Med Stetin** 1984;30:257-71 (Eng. Abstr.) (Pol)

SECRETION

Effect of propranolol on post-traumatic hypophosphataemia and catecholamine secretion. Lovén L, et al. **Acta Chir Scand** 1985;151(3):201-4

Central role for angiotensin in control of adrenal catecholamine secretion. Corwin EJ, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):R363-70

Corticotropin-releasing factor: a physiologic regulator of adrenal epinephrine secretion. Brown MR, et al. **Brain Res** 1985 Mar 4;328(2):355-7

Changes in central monoaminergic function during chronic treatment with clonidine in the spontaneously hypertensive rat. Atkinson J, et al. **Eur J Pharmacol** 1984 Nov 27; 106(3):613-7

Catecholamine release in coronary sinus during vasospastic angina induced by ergonovine. Mezzetti A, et al. **G Ital Cardiol** 1984 Dec;14(12):1122-6

Clonidine-suppression test in epinephrine secreting pheochromocytoma: report of a case. Dupont AG, et al. **J Endocrinol Invest** 1985 Apr;8(2):153-6

Metoclopramide increases the release of catecholamines from isolated human phaeochromocytomas. Adler-Graschinsky E, et al. **J Hypertens** 1984 Apr;2(2):127-9

Adrenaline, adenosine, and feedback [letter] Böhm M, et al. **Lancet** 1985 May 18;1(8438):1157

'Hypotension' as presenting symptom in fatal and near-fatal pure adrenaline-secreting phaeochromocytomas. Lamberts SW, et al. **Neth J Med** 1984;27(10):385-8

Substance P given intrathecally at the spinal T9 level increases adrenal output of adrenaline and noradrenaline in the rat. Yashpal K, et al. **Neuroscience** 1985 Jun; 15(2):529-36

[Development of adrenergic activity in boys and girls with emotiono-vegetative disorders during puberty] Szewczyk L. **Pediatr Pol** 1984 May;59(5):409-12 (Eng. Abstr.) (Pol)

[Effect of Na+, K+ and Ca++ ions on catecholamine release in the caudal mesenteric ganglion] Reprintseva VM. **Fiziol Zh SSSR** 1985 May;71(5):561-8 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

Comparison of high-dose epinephrine and phenylephrine in spinal anesthesia with tetracaine. Caldwell C, et al. **Anesthesiology** 1985 Jun;62(6):804-7

Comparison of nebulized terbutaline and subcutaneous epinephrine in the treatment of acute asthma. Uden DL, et al. **Ann Emerg Med** 1985 Mar;14(3):229-32

Timolol v guanethidine-epinephrine formulations in the treatment of glaucoma. An open clinical trial. Hoyng PF, et al. **Arch Ophthalmol** 1984 Dec;102(12):1788-93

New treatment for non-variceal upper gastrointestinal bleeding. Madsen JE Jr. **Conn Med** 1985 Apr;49(4):221-4

Endocardial and transcutaneous cardiac pacing, calcium chloride, and epinephrine in postcountershock asystole and bradycardias. Niemann JT, et al. **Crit Care Med** 1985 Sep; 13(9):699-704

Subcutaneous epinephrine vs. nebulized metaproterenol in acute asthma. Elenbaas RM, et al. **Drug Intell Clin Pharm** 1985 Jul-Aug;19(7-8):567-71

Epinephrine for anaphylactic shock [letter] Bennett MJ, et al. **JAMA** 1985 Jan 25;253(4):510-1

In support of a model bill allowing the use of insect sting kits by trained laymen. Frazier CA. **NC Med J** 1985 Jun; 46(6):571-2

The additional pressure-lowering effect in patients with glaucoma of pilocarpine 2 per cent, adrenaline 1 per cent, or guanethidine 3 per cent with adrenaline 0.5 per cent and timolol 0.25 per cent: a double-blind cross-over study. O'Connor MA, et al. **Trans Ophthalmol Soc UK** 1983;103 (Pt 6):588-92

[Effect of obzidan, tropaphen, adrenaline and euphylline on histamine bronchospasm in guinea pigs] Zarudiĭ FS. **Farmakol Toksikol** 1984 Nov-Dec;47(6):81-4 (Eng. Abstr.) (Rus)

[Therapeutic effect of adrenaline and serotonin on the hematopoietic system of irradiated mice] Smirnova IB, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):43-6 (Rus)

TOXICITY

Role of the cholinergic system in the modulation of ventricular arrhythmias induced by subepicardial epinephrine in the dog. Das PK, et al. **Adv Myocardiol** 1985;6:349-65

Halothane concentration does not alter the threshold for epinephrine-induced arrhythmias in dogs. Metz S, et al. **Anesthesiology** 1985 Apr;62(4):470-4

The role of dysrhythmic heart function during cardiovascular teratogenesis in epinephrine-treated chick embryos. Rajala GM, et al. **Teratology** 1984 Dec;30(3):385-92

[Experimental study of the toxicity of adrenaline on the corneal endothelium. Application to extracapsular cataract surgery] Adenis JP, et al. **Bull Mem Soc Fr Ophtalmol** 1985; 96:428-31 (Fre)

[Deleterious action of adrenaline on the endothelial lining of the vessels] Dolgov VV, et al. **Arkh Patol** 1984; 46(10):31-6 (Eng. Abstr.) (Rus)

URINE

Catecholamine excretion in children in relation to behaviour deviances and psychosocial background factors: a longitudinal study. Cederblad M, et al. **Acta Paedopsychiatr (Basel)** 1984 Oct;50(4):191-200

The norepinephrine-to-epinephrine ratio in patients with a history of suicide attempts. Ostroff RB, et al. **Am J Psychiatry** 1985 Feb;142(2):224-7

Stress, catecholamines, and sleep. Harrison GA. **Aviat Space Environ Med** 1985 Jul;56(7):651-3

Urinary excretion of free catecholamines in long-term treatment with dopaminergic agonists. Marek J, et al. **Exp Clin Endocrinol** 1984 Oct;84(2):183-90

Influence of coffee on the excretion of noradrenaline and adrenaline in urine. A pilot study for the comparison of two methodical models. Klimmer F, et al. **Int Arch Occup Environ Health** 1984;54(4):325-34

Excretion of urinary catecholamines and plasma cortisol levels in female nurses on short-rotating shift. Panza G, et al. **Med Lav** 1985 Jan-Feb;76(1):30-4

Urinary catecholamines and mitral valve prolapse in panic-anxiety patients. Nesse RM, et al. **Psychiatry Res** 1985 Jan;14(1):67-75

Urinary adrenaline concentrations during 10 days of smoking abstinence. West RJ, et al. **Psychopharmacology (Berlin)** 1984;84(1):141-2

Relationship between sleep efficiency and urinary excretion of catecholamines in bed-rested humans. Nishihara K, et al. **Sleep** 1985;8(2):110-7

Behavioural and endocrine reactions in boys scoring high on Sennton neurotic scale viewing an exciting and partly violent movie and the importance of social support. Arnetz BB, et al. **Soc Sci Med** 1985;20(7):731-6

[Excretion of free dopamine, noradrenaline and adrenaline in 190 males in relation to age and blood pressure] Lehmann M, et al. **Klin Wochenschr** 1985 Mar 15;63(6):264-71 (Eng. Abstr.) (Ger)

[Urinary catecholamine excretion for the evaluation of physical stress] Bergert KD, et al. **Z Gesamte Hyg** 1984 Jul;30(7):387-8 (Eng. Abstr.) (Ger)

[Individual differences in circadian response to a schedule with a 12-hour time shift--a laboratory study of oral temperature, and adrenaline and 17-OHCS excretion] Okada A, et al. **Ann Physiol Anthropol** 1984 Oct;3(4):275-82 (Eng. Abstr.) (Jpn)

[Urinary excretion of catecholamines in children with functional disorders of the digestive system] Szewczyk L, et al. **Pediatr Pol** 1984 Oct;59(10):835-9 (Eng. Abstr.) (Pol)

[Catecholaminergic activity in children with nocturnal enuresis] Szewczyk L. **Pediatr Pol** 1984 Oct;59(10):841-5 (Eng. Abstr.) (Pol)

[Organ specificity of emotional-vegetative disorders and the activity of the adrenergic system] Szewczyk L. **Pediatr Pol** 1984 Jul;59(7):581-6 (Eng. Abstr.) (Pol)

[Activity of the adrenergic system in children with psychogenic headache] Szewczyk L, et al. **Pediatr Pol** 1984 Jul;59(7):587-90 (Eng. Abstr.) (Pol)

[Catecholaminergic activity and emotional state of children with functional disorders of the circulatory system] Szewczyk L, et al. **Pediatr Pol** 1984 Aug;59(8):639-44 (Eng. Abstr.) (Pol)

[Circadian rhythms of adrenaline and noradrenaline excretion in man in normal conditions and after alcohol intake] Latenkov VP. **Biull Eksp Biol Med** 1985 Mar;99(3):344-6 (Eng. Abstr.) (Rus)

[Informativeness of adrenograms in neuroses] Vasil'ev VN, et al. **Klin Med (Mosk)** 1984 Sep;62(9):72-3 (Eng. Abstr.) (Rus)

[Effect of physical exertion on the activity of the humoral pressor systems and electrolytes in the initial stages of arterial hypertension] Liusov VA, et al. **Sov Med** 1985;(2):3-9 (Eng. Abstr.) (Rus)

[Normal values of dopamine, noradrenaline, adrenaline, and 5-hydroxyindoleacetic acid in pregnancies of different gestational stages] Lerdo de Tejada A, et al. **Ginecol Obstet Mex** 1985 Feb;53(334):49-52 (Eng. Abstr.) (Spa)

EPIPHYSEAL CARTILAGE see **GROWTH PLATE**

EPIPHYSEAL PLATE see **GROWTH PLATE**

EPIPHYSES

Chondrolysis associated with cartilage canals of the epiphyseal cartilage of the distal humerus of growing pigs. Kincaid SA, et al. **Am J Vet Res** 1985 Mar;46(3):726-32

Fractures and epiphyseal deformities in beta-thalassemia. Exarchou E, et al. **Clin Orthop** 1984 Oct;(189):229-33

Primary subacute epiphyseal osteomyelitis: a report of three cases. Andrew TA, et al. **J Pediatr Orthop** 1985 Mar-Apr;5(2):155-7

Thiemann's disease. Gewanter H, et al. **J Rheumatol** 1985 Feb;12(1):150-3

ABNORMALITIES

Femoral lateral epiphyseal hypoplasia as a cause of unilateral genu valgum. Gopal G. **Indian J Pediatr** 1984 Mar-Apr;51(409):241-2

BLOOD SUPPLY

Epiphyseal vascularization during growth: the upper limb. Teot L, et al. **Ann Chir Main** 1984;3(3):237-44 (Eng, Fre)

A dynamic canine model of experimental hip dysplasia. Gross and histological pathology, and the effect of position of immobilization on capital femoral epiphyseal blood flow. Schoenecker PL, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1281-8

EMBRYOLOGY

[Epiphyseal points of the fetal knee. The impact of growth disorders on bone maturation] Fernandez H, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(4):467-72 (Eng. Abstr.) (Fre)

[Sonographic detection of fetal epiphyseal centers--an additional parameter for determining delivery date] Bernaschek G. **Wien Klin Wochenschr [Suppl]** 1985;159:3-26 (124 ref.) (Eng. Abstr.) (Ger)

ENZYMOLOGY

Localization of collagenase in the growth plate of rachitic rats. Dean DD, et al. **J Clin Invest** 1985 Aug;76(2):716-22

Ultrastructural localization of calcium-activated adenosine triphosphatase (Ca2+-ATPase) in growth-plate cartilage. Akisaka T, et al. **J Histochem Cytochem** 1985 Sep;33(9):925-32

GROWTH & DEVELOPMENT

Development of the distal femoral epiphysis: a microscopic morphological investigation of the zone of Ranvier. Burkus JK, et al. **J Pediatr Orthop** 1984 Nov;4(6):661-8

INJURIES

Traumatic dislocation of the hip with separation of the proximal femoral epiphysis. Report of two cases and review of the literature. Barquet A, et al. **Arch Orthop Trauma Surg** 1984;103(3):219-23

An unusual avulsion fracture of the proximal tibial epiphysis. Case report and proposed addition to the Watson-Jones classification. Ryu RK, et al. **Clin Orthop** 1985 Apr;(194):181-4

[Incidence and significance of epiphyseal and para-epiphyseal injuries in replantations in the area of the upper extremity in children] Donski PK, et al. **Handchir Mikrochir Plast Chir** 1984 Sep;16(3):196-200 (Eng. Abstr.) (Ger)

[Effectiveness of conservative treatment following distal radius epiphyses injuries] Ansorg P, et al. **Zentralbl Chir** 1985;110(6):360-5 (Eng. Abstr.) (Ger)

METABOLISM

A disulfide-bonded short chain collagen synthesized by degenerative and calcifying zones of bovine growth plate cartilage. Grant WT, et al. **J Biol Chem** 1985 Mar 25;260(6):3798-803

PATHOLOGY

[Distribution of trabecular microfractures in the proximal femur--with the epiphyseal scar as a landmark] Tamai K, et al. **Nippon Seikeigeka Gakkai Zasshi** 1984 Jul;58(7):631-7 (Eng. Abstr.) (Jpn)

RADIOGRAPHY

The variable manifestations of dysplasia epiphysealis hemimelica. Azouz EM, et al. **Pediatr Radiol** 1985;15(1):44-9

[Ossification of the distal femoral epiphysis. On the question of osteochondrosis dissecans in children] Maurer HJ, et al. **Z Orthop** 1984 Nov-Dec;122(6):803-9 (Eng. Abstr.) (Ger)

[Panner's disease] Gauperaa T, et al. **Tidsskr Nor Laegeforen** 1985 May 10;105(13):880-1 (Eng. Abstr.) (Nor)

RADIONUCLIDE IMAGING

Acute epiphyseal osteomyelitis in children. Rosenbaum DM, et al. **Radiology** 1985 Jul;156(1):89-92

SURGERY

Partial epiphysiodesis at the knee to correct angular deformity. Bowen JR, et al. **Clin Orthop** 1985 Sep;(198):184-90

Percutaneous epiphysiodesis. Bowen JR, et al. **Clin Orthop** 1984 Nov;(190):170-3

[Effect of various factors on distraction epiphyseolysis (experimental study)] Dusmuratov MD, et al. **Ortop Travmatol Protez** 1984 Sep;(9):30-3 (Eng. Abstr.) (Rus)

ULTRASTRUCTURE

Evaluation of potassium pyroantimonate/sucrose/glutaraldehyde concentration and incubation time as essential variables for localizing calcium bound to organic compounds in epiphyseal chondrocytes. Kashiwa HK, et al. **J Histochem Cytochem** 1984 Oct;32(10):1055-65

Experimental epiphyseal separation by torsional force. Peltonen J, et al. **J Pediatr Orthop** 1984 Sep;4(5):546-9

EPIPHYSES, SLIPPED

Slipped capital femoral epiphysis. Herring JA, et al. **J Pediatr Orthop** 1984 Sep;4(5):636-40

[Proximal epiphysiolysis of the tibia] Spišák L. **Acta Chir Orthop Traumatol Cech** 1984 Jul;51(4):354-9 (Eng. Abstr.) (Slo)

COMPLICATIONS

[Pre-arthrosis conditions of the hip joint in children] Dungl P. **Cas Lek Cesk** 1984 Sep 14;123(37):1148-51 (Eng. Abstr.) (Cze)

ETIOLOGY

Slipped distal femoral epiphyseal plate following closed manipulation of the knee. A case report. Friedman MJ, et al. **Am J Sports Med** 1985 May-Jun;13(3):201-3

Primary hypothyroidism associated with pituitary enlargement, slipped capital femoral epiphysis and cystic ovaries. Nishi Y, et al. **Eur J Pediatr** 1985 Jan;143(3):216-9

Irreducible displacement of the distal radial epiphysis complicating a fracture of the lower radius and ulna. Young TB. **Injury** 1984 Nov;16(3):166-8

Little League shoulder syndrome: proximal humeral epiphyseolysis in adolescent baseball pitchers. A case report. Barnett LS. **J Bone Joint Surg [Am]** 1985 Mar;67(3):495-6

Slipped upper femoral epiphysis and primary juvenile hypothyroidism. Puri R, et al. **J Bone Joint Surg [Br]** 1985 Jan;67(1):14-20

Slipped capital femoral epiphysis following radiotherapy. Barrett IR. **J Pediatr Orthop** 1985 May-Jun;5(3):268-73

Slipped epiphysis associated with hypothyroidism. Heyerman W, et al. **J Pediatr Orthop** 1984 Sep;4(5):569-73

Slipped capital femoral epiphysis: factors affecting shear forces on the epiphyseal plate. Litchman HM, et al. **J Pediatr Orthop** 1984 Nov;4(6):745-8

[Mac Farland's slipped epiphyses fractures (apropos of 17 cases)] el Arjoun L, et al. **Maroc Med** 1985 Mar;7(1):483-7 (Eng. Abstr.) (Fre)

[Separation of the distal femoral epiphysis] Linhart WE, et al. **Unfallchirurg** 1985 Jun;88(6):274-9 (Eng. Abstr.) (Ger)

OCCURRENCE

Slipped capital femoral epiphysis in growth hormone-deficient patients. Rappaport EB, et al. **Am J Dis Child** 1985 Apr;139(4):396-9

Epidemiology of slipped capital femoral epiphysis in southern Sweden. Hägglund G, et al. **Clin Orthop** 1984 Dec;(191):82-94

PATHOLOGY

Slipped capital femoral epiphysis: a pathological study. I. A light microscopic and histochemical study of 21 cases. Agamanolis DP, et al. **J Pediatr Orthop** 1985 Jan-Feb;5(1):40-6

Slipped capital femoral epiphysis: a pathological study. II. An ultrastructural study of 23 cases. Agamanolis DP, et al. **J Pediatr Orthop** 1985 Jan-Feb;5(1):47-58

PHYSIOPATHOLOGY

Experimental epiphyseal separation by torsional force. Peltonen J, et al. **J Pediatr Orthop** 1984 Sep;4(5):546-9

RADIOGRAPHY

Slipped capital femoral epiphysis in hypothyroidism. Lindsay AN, et al. **Am J Dis Child** 1984 Dec;138(12):1149-50

Slipped capital femoral epiphysis: case 3. Herring JA, et al. **J Pediatr Orthop** 1985 Jan-Feb;5(1):112-4

Slipping of the upper femoral epiphysis masked by acute appendicitis [letter] Schüller HM, et al. **Neth J Surg** 1985 Jun;37(3):94-5

Slip of the capital femoral epiphysis: revival of a method of assessment. Billing L, et al. **Pediatr Radiol** 1984;14(6):413-8

SURGERY

Southwick's osteotomy in the treatment of chronic slipped upper femoral epiphysis. Fixation with AO blade plate. Cigala F, et al. **Ital J Orthop Traumatol** 1984 Dec;10(4):461-8

Cuneiform osteotomy of the femoral neck in the treatment of slipped capital femoral epiphysis. Fish JB. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1153-68

The treatment of chronic slipped capital femoral epiphysis by biplane osteotomy. Rao JP, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1169-75

Slipped capital femoral epiphysis. Southwick WO. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1151-2

Pin placement in slipped capital femoral epiphysis. Bennet GC, et al. **J Pediatr Orthop** 1984 Sep;4(5):574-8

Iatrogenic false aneurysm in slipped capital femoral epiphysis. Herndon WA, et al. **J Pediatr Orthop** 1984 Nov;4(6):754-5

Slipped capital femoral epiphysis: case 2 [clinical conference] Herring JA. **J Pediatr Orthop** 1984 Nov;4(6):764-7

An improved method for pinning of chronic slipped capital femoral epiphysis. Rab GT, et al. **J Pediatr Orthop** 1985 Mar-Apr;5(2):212-3

[Prognosis of epiphyseolysis capitis femoris] Baumann P, et al. **Beitr Orthop Traumatol** 1985 Feb;32(2):68-73 (Eng. Abstr.) (Ger)

[Limits and possibilities of Imhäuser's 3 dimensional restoration osteotomy] Müller K. **Beitr Orthop Traumatol** 1984 Oct;31(10):520-5 (Eng. Abstr.) (Ger)

[A method of the surgical treatment of juvenile epiphysiolysis of the femur head] Abakarov AA, et al. **Ortop Travmatol Protez** 1984 Jul;(7):53-5 (Rus)

[Development of the hip joint after extra-articular operations in juvenile epiphysiolysis of the femur head] Koren' MN. **Ortop Travmatol Protez** 1985 Feb;(2):13-7 (Eng. Abstr.) (Rus)

[Personal experience with Imhäuser's operation for epiphysiolysis capitis femoris] Steňo M, et al. **Acta Chir Orthop Traumatol Cech** 1985 Feb;52(1):2-10 (Eng. Abstr.) (Slo)

THERAPY

Slipped capital femoral epiphysis in southern Sweden. Long-term result with no treatment or symptomatic primary treatment. Ordeberg G, et al. **Clin Orthop** 1984 Dec;(191):95-104

[Effectiveness of conservative treatment following distal radius epiphyses injuries] Ansorg P, et al. **Zentralbl Chir** 1985;110(6):360-5 (Eng. Abstr.) (Ger)

VETERINARY

Disorders of the carpus in the dog. I. Vaughan LC. **Br Vet J** 1985 Jul-Aug;141(4):332-41

EPIPHYSES, STIPPLED see **CHONDRODYSPLASIA PUNCTATA**

EPIPHYSIOLYSIS see **EPIPHYSES, SLIPPED**

EPIPHYSIS CEREBRI see **PINEAL BODY**

EPIPODOPHYLLOTOXIN see **PODOPHYLLOTOXIN**

EPIRIZOLE see under **PYRAZOLES**

EPISIOTOMY

Extradural morphine and pain relief following episiotomy. Macdonald R, et al. **Br J Anaesth** 1984 Nov;56(11):1201-5

Clinical evaluation of a topical anaesthetic preparation (pramoxine hydrochloride and hydrocortisone) in post-episiotomy pain relief. Hanretty KP, et al. **Br J Clin Pract** 1984 Nov-Dec;38(11-12):421-2

Episiotomy and third-degree tears. Buekens P, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):820-3

A double-blind comparison of the new ibuprofen-codeine phosphate combination, zomepirac, and placebo in the relief of postepisiotomy pain. Cater M, et al. **Clin Ther** 1985;7(4):442-7

Topical pramoxine and hydrocortisone foam versus placebo in relief of post partum episiotomy symptoms and wound healing. Greer IA, et al. **Scott Med J** 1984 Apr;29(2):104-6

[Episiotomy and perineal protection--generally an unnecessary operation and a useless, occasionally risky maneuver?] Presl J. **Cesk Gynekol** 1985 Jun;50(5):380–2 (Cze)

METHODS

[Sutures using Shute's technic after episiotomy] Radaković M. **Med Pregl** 1984;37(9–10):431–2 (Eng. Abstr.) (Ser)

UTILIZATION

Episiotomy: who gets one and why. Jackson MB, et al. **J R Coll Gen Pract** 1984 Nov;34(268):603–5

EPISOMES see **PLASMIDS**

EPISPADIAS

COMPLICATIONS

[Bladder wall urethroplasty in the treatment of urinary incontinence caused by congenital cervico-urethral malformations] Rivain T, et al. **J Urol (Paris)** 1984; 90(2):97–102 (Eng. Abstr.) (Fre)

RADIOGRAPHY

Anatomy of the penis and its deformities in exstrophy and epispadias. Woodhouse CR, et al. **J Urol** 1984 Dec; 132(6):1122–4

SURGERY

A supero-medial thigh flap for urethral reconstruction in epispadias and hypospadias. Matti BA, et al. **Br J Plast Surg** 1985 Jan;38(1):46–50

Exstrophy and epispadias. King LR. **J Urol** 1984 Dec; 132(6):1159–60

Ventral preputial island flap technique for the repair of epispadias with or without exstrophy. Thomalla JV, et al. **J Urol** 1984 Nov;132(5):985–7

Epispadias: contending with continence. Saltzman B, et al. **Urology** 1985 Sep;26(3):256–64

[Plastic repair of epispadias with incontinence] Sun YL. **Chung Hua Wai Ko Tsa Chih** 1984 Jun;22(6):370–1, 384 (Eng. Abstr.) (Chi)

EPISTASIS, GENETIC

Additive by additive variance with inbreeding and linkage. Cockerham CC. **Genetics** 1984 Oct;108(2):487–500

Multilocus population genetics with weak epistasis. I. Equilibrium properties of two-locus two-allele models. Hastings A. **Genetics** 1985 Apr;109(4):799–812

Association between a genetic trait and a marker: discrimination between epistasis and gametic disequilibrium. Clerget-Darpoux F, et al. **Hum Genet** 1985; 69(2):188–9

Coat variants in cats. Gametic disequilibrium between unlinked loci. Hedrick PW. **J Hered** 1985 Mar–Apr; 76(2):127–31

EPISTATIC DEVIATION see **EPISTASIS, GENETIC**

EPISTAXIS

ETIOLOGY

Elevated bleeding time and epistaxis associated with piperacillin therapy [letter] Moore M, et al. **South Med J** 1985 Mar;78(3):363

Epistaxis secondary to Crest syndrome: a case report. Chen DA, et al. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter;37(2):194–5

[Thrombohemorrhagic complications of external intestinal fistulas] Arbuliev MG, et al. **Klin Khir** 1985 Feb;(2):6–8 (Eng. Abstr.) (Rus)

PATHOLOGY

Light and electron microscopy of varicose vessels and telangiomas in the nasal mucosa of habitual nosebleeders. Johansson BR, et al. **Acta Otolaryngol (Stockh)** 1985 May–Jun;99(5–6):620–9

PREVENTION & CONTROL

[Fibrin glue to prevent hematomas after rhinosurgical interventions] Schönfeld R. **HNO** 1985 Apr;33(4):156–8 (Eng. Abstr.) (Ger)

RADIOGRAPHY

Angiography in the treatment of severe epistaxis. Tadwalkar VD, et al. **Ear Nose Throat J** 1985 Mar;64(3):135–8

The value of X-ray examination of the paranasal sinuses after epistaxis. Vimpel T, et al. **J Laryngol Otol** 1985 Mar; 99(3):253–7

SURGERY

Total ophthalmoplegia after internal maxillary artery ligation. Beall J, et al. **Arch Otolaryngol** 1985 Oct;111(10):696–8

An evaluation and clinical study of severe epistaxis treated by arterial ligation. Cooke ET. **J Laryngol Otol** 1985 Aug; 99(8):745–9

Life-threatening epistaxis in pregnancy. Howard DJ. **J Laryngol Otol** 1985 Jan;99(1):95–6

The management of severe recurrent epistaxis due to hereditary hemorrhagic telangiectasia using regional facial cutaneous flaps. Strauss M, et al. **J Laryngol Otol** 1985 Apr;99(4):373–7

Re: Intraoral ligation of the maxillary artery for posterior epistaxis [letter] el-Silimy O, et al. **Laryngoscope** 1985 Apr; 95(4):483–4

A surgical alternative to internal maxillary artery ligation for posterior epistaxis. Anderson RG, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):427–33

[The importance of preoperative arteriography and ligation of the external carotid artery in tumors of the nasopharynx and in epistaxis] Barta T, et al. **Cesk Otolaryngol** 1984 Jun; 33(3):156–8 (Eng. Abstr.) (Slo)

THERAPY

Compressive optic neuropathy induced by intranasal balloon catheter. Sadowsky AE, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):487–9

Epistaxis management: conservative and surgical. Bratton JR. **J SC Med Assoc** 1984 Aug;80(8):395–6

Control of epistaxis in the multiple trauma patient. Keen MS, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):874–5

[Injections of fibrin glue in severe epistaxis and Rendu-Osler disease] Martin H, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(7):561–3 (Eng. Abstr.) (Fre)

[Site of embolization in the treatment of essential epistaxis] Courtheoux P, et al. **Ann Radiol (Paris)** 1984 Jan; 27(1):15–20 (Eng. Abstr.) (Fre)

EPISTROPHEUS see **AXIS**

EPITESTOSTERONE see under **TESTOSTERONE**

EPITHELIAL ATTACHMENT see under **PERIODONTIUM**

EPITHELIOMA see **CARCINOMA**

EPITHELIOMA, BASAL CELL see **CARCINOMA, BASAL CELL**

EPITHELIOMA, BROWN-PEARCE see **CARCINOMA, BROWN-PEARCE**

EPITHELIUM

Cultured epithelium as a skin substitute. Gallico GG 3d, et al. **Clin Plast Surg** 1985 Apr;12(2):149–57 (51 ref.)

ANALYSIS

Purification and properties of plasminogen activators from epithelial cells. Electricwala A, et al. **Eur J Biochem** 1985 Mar 15;147(3):511–6

Comments on 'Purification and properties of plasminogen activators from epithelial cells', by A. Electricwala and T. Atkinson [letter] Patthy L. **Eur J Biochem** 1985 Aug 15;151(1):197–8

Cell surface proteoglycan of mammary epithelial cells. Protease releases a heparan sulfate-rich ectodomain from a putative membrane-anchored domain. Rapraeger A, et al. **J Biol Chem** 1985 Apr 10;260(7):4103–9

CYTOLOGY

Histochemical detection of glycoproteins in the gastric epithelia of Columba livia. Inforzato de Lima MA, et al. **Acta Histochem (Jena)** 1985;76(2):145–50

Antiserum against formalin-fixed human milk fat globule glycoprotein for immunohistochemistry of normal and malignant apocrine epithelium. Forsman LM, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1984 Sep; 92(5):331–7

Lack of production of myoepithelial variants by cloned epithelial cell lines derived from the TMT-081 metastasizing rat mammary tumor. Dunnington DJ, et al. **Cancer Res** 1984 Nov;44(11):5338–46

Ionic control of locomotion and shape of epithelial cells: I. Role of calcium influx. Mittal AK, et al. **Cell Motil** 1985; 5(2):123–36

The influence of differing connective tissue substrates on the maintenance of adult stratified squamous epithelia. Hill MW, et al. **Cell Tissue Res** 1984;237(3):473–8

Cell surface changes during mitosis and cytokinesis of epithelial cells. Sanger JM, et al. **Cell Tissue Res** 1984; 237(3):409–17

Mechanical stretching increases the number of epithelial cells synthesizing DNA in culture. Brunette DM. **J Cell Sci** 1984 Jul;69:35–45

Mesothelial cell seeding of Dacron arterial prostheses [letter] Pittilo RM, et al. **Lancet** 1985 Feb 9;1(8424):347–8

Circadian variation in mitotic influx in a keratinized epithelium. The stathmokinetic technique used in vivo on the hamster cheek pouch epithelium and analyzed by periodic regression analysis. Møller U, et al. **Virchows Arch [Cell Pathol]** 1985;48(2):119–33

[Principles of organization of tissue mosaics of simple squamous epithelia] Mironov VA, et al. **Arkh Anat Gistol Embriol** 1985 Feb;88(2):58–64 (Eng. Abstr.) (Rus)

EMBRYOLOGY

Homoeotic transformations in man: implications for the mechanism of embryonic development and for the organization of epithelia. Slack JM. **J Theor Biol** 1985 Jun 7;114(3):463–90

IMMUNOLOGY

Isolation and characterization of a monoclonal antibody specific for epithelial cells. Hamburger AW, et al. **Cancer Res** 1985 Feb;45(2):783–90

The distribution of blood group antigens in rodent epithelia. Reibel J, et al. **Cell Tissue Res** 1984;237(1):111–6

Close association between basal cell layer antibodies and hepatitis B virus-associated chronic delta infection. Zauli D, et al. **Hepatology** 1984 Nov–Dec;4(6):1103–6

[Localization of basal cell antigen in the epithelial tissues of animals and humans detected by means of natural antibodies] Beletskaia LV, et al. **Arkh Anat Gistol Embriol** 1985 May;88(5):61–5 (Eng. Abstr.) (Rus)

METABOLISM

Does calcium couple the apical and basolateral membrane permeabilities in epithelia? Chase HS Jr. **Am J Physiol** 1984 Dec;247(6 Pt 2):F869–76 (57 ref.)

Epithelial water transport in a balanced gradient system. Mathias RT. **Biophys J** 1985 Jun;47(6):823–36

Transport in cultured epithelia. Handler JS. **Curr Eye Res** 1985 Apr;4(4):317–22 (30 ref.)

An enzymatic assay reveals that proteins destined for the apical or basolateral domains of an epithelial cell line share the same late Golgi compartments. Fuller SD, et al. **EMBO J** 1985 Feb;4(2):297–307

Determinants of epithelial cell volume. Spring KR. **Fed Proc** 1985 Jun;44(9):2526–9

A comparative study of myosins and prekeratin in epithelial cells of methacarn-fixed tissues. Puchtler H, et al. **Histochemistry** 1985;82(5):403–9

General method for the derivation and numerical solution of epithelial transport models. Latta R, et al. **J Membr Biol** 1984;82(1):67–82

Hexose regulation of sodium–hexose transport in LLC-PK1 epithelia: the nature of the signal. Moran A, et al. **J Membr Biol** 1984;82(1):59–65

Effects of bilirubin on transepithelial transport of sodium, water, and urea. Brem AS, et al. **Kidney Int** 1985 Jan; 27(1):51–7

Specific binding to cultured cells of 125I-labeled type beta transforming growth factor from human platelets. Tucker RF, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(21):6757–61

Epithelial calcium and phosphate transport. Molecular and cellular aspects. Proceedings of the Second International Workshop on Calcium and Phosphate Across Biomembranes. Vienna, Austria, March 5–7, 1984. **Prog Clin Biol Res** 1984;168:1–392

Hormonal regulation of Na+ channels in tight epithelia. Garty H, et al. **Soc Gen Physiol Ser** 1985;39:105–20

Studies of the kallikrein-kinin system and prostaglandins in epithelial ion transport. Margolius HS, et al. **Soc Gen Physiol Ser** 1985;39:121–33 (41 ref.)

In vitro studies on the fibrinolytic, thrombolytic and fibrinogenolytic properties of a tissue plasminogen activator from guinea pig keratocytes. Electricwala A, et al. **Thromb Haemost** 1985 Apr 22;53(2):200–3

[Research on transepithelial transport] Qiao JT. **Sheng Li Ko Hsueh Chin Chan** 1984 Jul;15(3):286–8 (Chi)

MICROBIOLOGY

Pressure- and temperature-dependent adhesion of Pseudomonas aeruginosa to HEp-2 cells. Berdal BP, et al. **Acta Pathol Microbiol Immunol Scand** [B] 1985 Apr; 93(2):157–8

Epithelial cell association and hydrophobicity of Yersinia enterocolitica and related species. Schiemann DA, et al. **J Med Microbiol** 1985 Jun;19(3):309–15

PATHOLOGY

Benign polyps with prostatic-type epithelium of the urethra and the urinary bladder. A suggestion of histogenesis based on histologic and immunohistochemical studies. Remick DG Jr, et al. **Am J Surg Pathol** 1984 Nov;8(11):833–9

PHYSIOLOGY

Endocytic uptake, transport, and catabolism of proteins by epithelial cells. Wall DA, et al. **Am J Physiol** 1985 Jan; 248(1 Pt 1):C12–20 (71 ref.)

Novel substratum-dependent dendritic morphology and motility in epithelial cells. Campbell S, et al. **Eur J Cell Biol** 1984 Jul;34(2):275–80

Concepts of epithelial-mesenchymal interactions during development: tooth and lung organogenesis. Slavkin HC, et al. **J Cell Biochem** 1984;26(2):117–25 (39 ref.)

Electrical currents flow out of domes formed by cultured epithelial cells. Sugahara K, et al. **J Cell Biol** 1984 Oct; 99(4 Pt 1):1541–4

An improved chamber for the short-circuiting of epithelia. Dow JA, et al. **J Exp Biol** 1985 Jan;114:685–9

Apical sodium entry in split frog skin: current-voltage relationship. DeLong J, et al. **J Membr Biol** 1984; 82(1):25-40

Vibrating probe analysis of teleost opercular epithelium: correlation between active transport and leak pathways of individual chloride cells. Foskett JK, et al. **J Membr Biol** 1985;85(1):25-35

Relationship between potassium conductance and transport in renal tubular epithelium. Cohen B, et al. **Prog Clin Biol Res** 1984;164:391-401

[Functions of the thymus epithelium] Dardenne M, et al. **Rev Med Brux** 1985 Apr;6(4):239-42 (Eng. Abstr.) **(Fre)**

ULTRASTRUCTURE

Epithelial properties of human colonic carcinoma cell line Caco-2: effect of secretagogues. Grasset E, et al. **Am J Physiol** 1985 May;248(5 Pt 1):C410-8

Ultrastructural morphometric of gap junctions during differentiation of stratified squamous epithelium. White FH, et al. **J Cell Sci** 1984 Jul;69:67-85

Identification of apical membranes from tight epithelia using spin-labeled amiloride and electron paramagnetic resonance spectroscopy. Costa CJ, et al. **J Membr Biol** 1984;82(1):49-57

Adaptation of a ciliary basal apparatus to cell shape changes in a contractile epithelium. Holley MC. **Tissue Cell** 1985; 17(3):321-34

EPITOPES see **ANTIGENIC DETERMINANTS**

EPN see under **INSECTICIDES, ORGANOTHIOPHOSPHATE**

EPONYMS

The man behind the eponym. Arnault Tzanck, his work and times. Cordero AA. **Am J Dermatopathol** 1985 Apr; 7(2):121-3

Angioendotheliomatosis proliferans systemisata (Tappeiner-Pileger disease). A short description of the disease and biographical notes on the eponyms. Holubar K. **Am J Dermatopathol** 1984 Dec;6(6):537-9

The man behind the eponym. Max Borst (1869-1946). Steffen C. **Am J Dermatopathol** 1985 Feb;7(1):25-7

Classics in thoracic surgery. On the care and preservation of eponyms: the case of Branham's sign. Sealy WC. **Ann Thorac Surg** 1985 Sep;40(3):311-4

'Osler's sign': pretibial myxedema of Graves' disease. Graner JL. **Can Med Assoc J** 1985 Apr 1;132(7):745-6

Eponymns in oncology. William Stewart Halsted (1852-1922). Ellis H. **Eur J Surg Oncol** 1985 Jun;11(2):203

In defense of the Pickwickian syndrome. Markel H. **Henry Ford Hosp Med J** 1985;33(1):24-6

Thoughts on eponyms. Burchell HB. **Int J Cardiol** 1985 Jul; 8(3):229-34

[On eponyms; Henry Meige and the disorders described by him] Endtz LJ. **Ned Tijdschr Geneeskd** 1984 Dec 22; 128(51):2408-12 **(Dut)**

EPOXIDE HYDRASES see **EPOXIDE HYDROLASES**

EPOXIDE HYDRATASES see **EPOXIDE HYDROLASES**

EPOXIDE HYDROLASES

ANALYSIS

Assessment of rat liver microsomal epoxide hydrolase as a marker of hepatocarcinogenesis. Kizer DE, et al. **Biochem Pharmacol** 1985 May 15;34(10):1795-800

Effect of dietary clofibrate on epoxide hydrolase activity in tissues of mice. Loury DN, et al. **Biochem Pharmacol** 1985 May 15;34(10):1827-33

Localization of epoxide-metabolizing enzymes in rat testis. Ishii-Ohba H, et al. **Biochim Biophys Acta** 1984 Nov 28; 802(2):326-34

Interindividual variations in the activities of cytosolic and microsomal epoxide hydrolase in human liver. Mertes I, et al. **Carcinogenesis** 1985 Feb;6(2):219-23

Immunoquantification of epoxide hydrolase and cytochrome P-450 isozymes in fetal and adult human liver microsomes. Cresteil T, et al. **Eur J Biochem** 1985 Sep 2;151(2):345-50

High-performance thin-layer chromatography assay for epoxide hydrolase activity and the determination of phenoxypropane-1,2-diols. Van den Eeckhout E, et al. **J Chromatogr** 1985 Jan 18;318(2):343-9

ANTAGONISTS & INHIBITORS

Cyclopropyl oxiranes: reversible inhibitors of cytosolic and microsomal epoxide hydrolases. Prestwich GD, et al. **Arch Biochem Biophys** 1985 Mar;237(2):361-72

BIOSYNTHESIS

Differential induction of cytochrome P-450-dependent monooxygenase, epoxide hydrolase, glutathione transferase and UDP glucuronosyl transferase activities in the liver of the rainbow trout by beta-naphthoflavone or Clophen A50. Andersson T, et al. **Biochem Pharmacol** 1985 Sep 15; 34(18):3309-14

Induction of epoxide hydrolase in cultured rat hepatocytes and hepatoma cell lines. Razzouk C, et al. **Biochem Pharmacol** 1985 May 1;34(9):1537-42

Elevation of hepatic microsomal epoxide hydrolase activity by 2-acetylaminofluorene: role of metabolism. Graichen ME, et al. **Carcinogenesis** 1985 Jul;6(7):977-81

Epoxide forming and degrading enzymes in the spider mite, Tetranychus urticae. Mullin CA, et al. **Comp Biochem Physiol [C]** 1984;79(1):85-92

BLOOD

Purification and characterisation of leukotriene A4 hydrolase from rat neutrophils. Evans JF, et al. **Biochim Biophys Acta** 1985 May 29;840(1):43-50

Leukotriene A3. A poor substrate but a potent inhibitor of rat and human neutrophil leukotriene A4 hydrolase. Evans JF, et al. **J Biol Chem** 1985 Sep 15;260(20):10966-70

Leukotriene A4 hydrolase in human leukocytes. Purification and properties. Rådmark O, et al. **J Biol Chem** 1984 Oct 25;259(20):12339-45

GENETICS

Chromosomal assignments of genes coding for components of the mixed-function oxidase system in mice. Genetic localization of the cytochrome P-450PCN and P-450PB gene families and the nadph-cytochrome P-450 oxidoreductase and epoxide hydratase genes. Simmons DL, et al. **J Biol Chem** 1985 Jan 10;260(1):515-21

ISOLATION & PURIFICATION

Properties of cytosolic epoxide hydrolase purified from the liver of untreated and clofibrate-treated mice. Purification procedure and physiochemical characterization of the pure enzymes. Meijer J, et al. **Eur J Biochem** 1985 May 2; 148(3):421-30

Isolation of nuclear fractions from human fetal tissues. Ultrastructure and presence of epoxide hydrolase and aryl hydrocarbon hydroxylase. Pacifici GM, et al. **Pharmacology** 1985;30(4):188-96

Rapid purification of cytosolic epoxide hydrolase from normal and clofibrate-treated animals by affinity chromatography. Prestwich GD, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1663-7

METABOLISM

Properties of liver microsomal cholesterol 5,6-oxide hydrolase. Nashed NT, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):149-62

Turnover of membrane proteins: kinetics of induction and degradation of seven forms of rat liver microsomal cytochrome P-450, NADPH-cytochrome P-450 reductase, and epoxide hydrolase. Shiraki H, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):86-96

Drug metabolism in man and its relationship to that in three rodent species: monooxygenase, epoxide hydrolase, and glutathione S-transferase activities in subcellular fractions of lung and liver. Lorenz J, et al. **Biochem Med** 1984 Aug; 32(1):43-56

Leukotriene A4-hydrolase activity in guinea pig and human liver. Haeggström J, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):378-84

Properties of cytosolic epoxide hydrolase purified from the liver of untreated and clofibrate-treated mice. Characterization of optimal assay conditions, substrate specificity and effects of modulators on the catalytic activity. Meijer J, et al. **Eur J Biochem** 1985 Jul 1; 150(1):7-16

Effect of dietary indole-3-carbinol on intestinal and hepatic monooxygenase, glutathione S-transferase and epoxide hydrolase activities in the rat. Bradfield CA, et al. **Food Chem Toxicol** 1984 Dec;22(12):977-82

Behaviour of epoxide hydrolase, glutathione S-transferase, alcohol dehydrogenase, and aldehyde dehydrogenase, respectively, under the influence of carbon disulfide studies with rats in vivo and in vitro. Schreiner E, et al. **G Ital Med Lav** 1984 May-Jul;6(3-4):131-3

Stereoselectivity of microsomal epoxide hydrolase toward diol epoxides and tetrahydroepoxides derived from benz[a]anthracene. Sayer JM, et al. **J Biol Chem** 1985 Feb 10;260(3):1630-40

Differential stereoselectivity of cytochromes P-450b and P-450c in the formation of naphthalene and anthracene 1,2-oxides. The role of epoxide hydrolase in determining the enantiomer composition of the 1,2-dihydrodiols formed. van Bladeren PJ, et al. **J Biol Chem** 1985 Aug 25;260(18):10226-35

Structural features of imidazole derivatives that enhance styrene oxide hydrolase activity in rat hepatic microsomes. James MO, et al. **J Med Chem** 1985 Aug;28(8):1120-4

Enzymatic dealkylation of phytosterols in insects. Fujimoto Y, et al. **Methods Enzymol** 1985;111:346-52

Epoxide hydrolases in the catabolism of sterols and isoprenoids. Hammock BD, et al. **Methods Enzymol** 1985; 111:303-11

Activities of hepatic epoxide hydrolase and glutathione S-transferase in rats under the influence of tetramethyl thiuramdisulfide, tetramethyl thiurammonosulfide or dimethyl dithiocarbamate. Schreiner E, et al. **Toxicol Lett** 1985 May;25(2):147-52

EPOXY COMPOUNDS see under **ETHERS, CYCLIC**

EPOXY RESINS

Quantitative evaluation of guinea pig spermatogenesis: Epon versus paraffin embedding. Sinha Hikim AP, et al. **Arch Androl** 1984;13(2-3):121-8

Yellow staining caused by 4,4'-methylenedianiline exposure. Occurrence among molded plastics workers. Cohen SR. **Arch Dermatol** 1985 Aug;121(8):1022-7

The use of subcutaneously implanted araldite disks for microstructural studies of inflammatory macrophages. Araújo VC, et al. **Braz J Med Biol Res** 1984;17(3-4):293-5

Isolated Cardura E10 sensitivity in an epoxy resin chemical process. Lovell CR, et al. **Contact Dermatitis** 1984 Sep; 11(3):190-1

Polarimetric determination of substitution of oxirane groups on epoxy-activated Sepharose 6B gel by cyclodextrins. Subbaramaiah K, et al. **J Biochem Biophys Methods** 1984 Nov;10(1-2):65-8

Dimensional accuracy of epoxy resins and their compatibility with impression materials. Aiach D, et al. **J Prosthet Dent** 1984 Oct;52(4):500-4

Evaluation of a new epoxy resin die material. Campbell SD, et al. **J Prosthet Dent** 1985 Jul;54(1):136-40

An epoxy resin and silicone impregnation technique for the preservation of oral pathology teaching specimens. Aufdemorte TB, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):74-6

Serial sections of Quetol embedded, osmium fixed lung with external reference marks for alignment. McNiff J, et al. **Stain Technol** 1985 May;60(3):181-3

[Subacute toxicity of an amine-curing agent for epoxy resin] Ohshima S, et al. **Sangyo Igaku** 1984 May;26(3):197-204 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Allergic contact dermatitis to dimer acid product—a flexibilizing epoxy resin hardener. Wall LM. **Australas J Dermatol** 1984 Dec;25(3):125-6

Allergic contact dermatitis to epoxy resin in ostomy bags. Beck MH, et al. **Br J Surg** 1985 Mar;72(3):202-3

Allergic contact dermatitis to epoxy resin in infusion sets of an insulin pump. Boom BW, et al. **Contact Dermatitis** 1985 May;12(5):280

Contact dermatitis from the epoxy resins tetraglycidyl-4,4'-methylene dianiline and o-diglycidyl phthalate in composite material. Burrows D, et al. **Contact Dermatitis** 1984 Aug;11(2):80-2

Allergic contact dermatitis due to epoxy resin in textile labels. Fregert S, et al. **Contact Dermatitis** 1984 Aug;11(2):131-2

Purpuric allergic contact dermatitis to epoxy resin. Laurberg G, et al. **Contact Dermatitis** 1984 Sep;11(3):186-7

Allergic contact dermatitis in early infancy. Fisher AA. **Cutis** 1985 Apr;35(4):315-6

DIAGNOSTIC USE

Double staining available for stereoscopic observation of epoxy resin quetol 812-embedded semi-thin sections under the 200 kV transmission electron microscope. Kushida H, et al. **J Electron Microsc (Tokyo)** 1984;33(2):191-4

Ultrastructural localization of intracellular immunoglobulins in Epon-embedded human lymph nodes. An immunoelectron microscopic investigation using the immunogold staining (IGS) and the avidin-biotin-peroxidase complex (ABC) methods. Viale G, et al. **J Histochem Cytochem** 1985 May;33(5):400-6

Staining large epoxy resin embedded histologic sections by a simplified hematoxylin and eosin method using heat. Smith NA, et al. **Stain Technol** 1985 Jan;60(1):59-61

IMMUNOLOGY

Detection of IgE-mediated respiratory sensitization in workers exposed to hexahydrophthalic anhydride. Moller DR, et al. **J Allergy Clin Immunol** 1985 Jun;75(6):663-72

METABOLISM

Uptake, metabolism and mutagenic activity of aromatic glycidyl compounds. Seiler JP. **Chem Biol Interact** 1984 Oct;51(3):347-56

PHARMACODYNAMICS

The response of human tissues to carbon reinforced epoxy resin. Howard CB, et al. **J Bone Joint Surg [Br]** 1985 Aug; 67(4):656-8

Cytogenetic effects of epoxy resin in man: dependence on sex, age and period of exposure. Sazonova LA, et al. **Mutat Res** 1985 Mar;155(3):127-9

TOXICITY

Facial dermatitis from epoxy resin in a helmet. Malanin G, et al. **Contact Dermatitis** 1985 Apr;12(4):221

EPSTEIN-BARR VIRUS

Role of Epstein-Barr virus in acquired immune deficiency syndrome. Purtilo DT, et al. **Adv Exp Med Biol** 1985; 187:53-65

Differentiation of chronic lymphocytic leukemia cells after in vitro treatment with Epstein-Barr virus or phorbol ester. I. Immunologic and morphologic studies. Deegan MJ, et al. **Am J Hematol** 1984;17(4):335-47

Infectious origin and Epstein–Barr virus [letter] Tenser RB. **Arch Neurol** 1985 Jul;42(7):626

Epstein–Barr virus transformed lymphoid cell lines as a new model system in culture for the study of GM2-gangliosidoses: Tay–Sachs and Sandhoff diseases. Maret A, et al. **Biol Cell** 1985;53(3):293–6

Epstein–Barr virus–induced diseases in the X–linked lymphoproliferative syndrome and related disorders. Purtilo DT. **Biomed Pharmacother** 1985;39(2):52–8

First international symposium on Epstein–Barr virus and associated malignant diseases. Ablashi DV, et al. **Cancer Res** 1985 Aug;45(8):3981–4

Application of flow cytometry to studies on the distribution, persistence, and regeneration rate of Epstein–Barr virus receptors. McCune B, et al. **Cytometry** 1984 Sep;5(5):523–9

The use of Epstein–Barr virus transformation for the production of human monoclonal antibodies. Roome AJ, et al. **Exp Biol** 1984;43(1):35–55 (164 ref.)

Human monoclonal antibodies produced by Epstein–Barr virus transformed cell lines bind protein A. Steinitz M, et al. **Immunol Lett** 1985;9(1):19–22

Human T-cell hybrids with HLA–restricted proliferative response to Epstein–Barr virus–infected B cells. Gallagher G, et al. **Immunology** 1984 Dec;53(4):611–21

Alkaline deoxyribonuclease induced with diterpene ester TPA and n–butyrate in Epstein–Barr virus genome–carrying Raji cells. Kawanishi M, et al. **Intervirology** 1985;23(1):55–60

Effect of n–butyrate on transformation of human lymphocytes by Epstein–Barr virus. Roubalová K, et al. **Intervirology** 1985;23(1):51–4

Insulin–stimulated receptor phosphorylation appears normal in cultured Epstein–Barr virus–transformed lymphocyte cell lines derived from patients with extreme insulin resistance. Whittaker J, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):381–6

Surface marker characterization of EBV target cells in normal blood and tonsil B lymphocyte populations. Aman P, et al. **J Immunol** 1985 Oct;135(4):2362–7

BLAST–2 [EBVCS], an early cell surface marker of human B cell activation, is superinduced by Epstein Barr virus. Thorley–Lawson DA, et al. **J Immunol** 1985 May; 134(5):3007–12

Relationship between immunoglobulin production and immortalization by Epstein Barr virus. Tosato G, et al. **J Immunol** 1985 Aug;135(2):959–64

Cofactors in disease: Epstein–Barr virus, oncogenes, and Burkitt's lymphoma. Spriggs DR. **J Infect Dis** 1985 May; 151(5):977–8

Globoside and Forssman synthases in human lymphocytes exposed to Epstein–Barr virus and mitogens. Taniguchi N, et al. **JNCI** 1985 Mar;74(3):563–8

EBV and persistent malaise [editorial] **Lancet** 1985 May 4; 1(8436):1017–8

Catalogue of Epstein–Barr virus (EBV) receptors on human malignant and non–malignant hematopoietic cell lines. Tatsumi E, et al. **Leuk Res** 1985;9(2):231–8

Molecular characterization of the Epstein–Barr virus DNA in three new Burkitt's lymphoma–derived cell lines. Harris A, et al. **Mol Biol Med** 1984 Apr;2(2):135–50

A vector that replicates as a plasmid and can be efficiently selected in B–lymphoblasts transformed by Epstein–Barr virus. Sugden B, et al. **Mol Cell Biol** 1985 Feb;5(2):410–3

Association of Epstein–Barr virus with thymic carcinoma. Leyvraz S, et al. **N Engl J Med** 1985 May 16;312(20):1296–9

Production of antibody associated with non–A, non–B hepatitis in a chimpanzee lymphoblastoid cell line established by in vitro transformation with Epstein–Barr virus. Shimizu YK, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2138–42

Lymphoblastoid cell–induced suppression of human peripheral blood leukocyte mitogenic responses. Zhang JL, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):278–82

Epstein–Barr virus and blood transfusions. Henle W, et al. **Prog Clin Biol Res** 1985;182:201–9 (27 ref.)

[Establishment of anti–thyroglobulin antibody–producing cell line by EB virus transformation] Kojima K, et al. **Nippon Naibunpi Gakkai Zasshi** 1985 Mar 20;61(3):162–7 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Strategies for the economic preparation of Epstein–Barr virus proteins of diagnostic and protective value by genetic engineering: a new approach based on segments of virus-encoded gene products. Wolf H, et al. **IARC Sci Publ** 1984;(63):525–39

Characterization of a major protein with a molecular weight of 160,000 associated with the viral capsid of Epstein–Barr virus. Vroman B, et al. **J Virol** 1985 Jan;53(1):107–13

A third viral nuclear protein in lymphoblasts immortalized by Epstein–Barr virus. Hennessy K, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5944–8

DRUG EFFECTS

Effect of n–butyrate on superinfection of Raji lymphoblastoid cell line by Epstein–Barr virus. Roubal J, et al. **Acta Virol (Praha)** 1985 Mar;29(2):162–5

Comparative efficacy and selectivity of some nucleoside analogs against Epstein–Barr virus. Lin JC, et al. **Antimicrob Agents Chemother** 1985 Jun;27(6):971–3

Epstein–Barr virus and tumor promoters. Eliasson L, et al. **Int Symp Princess Takamatsu Cancer Res Fund** 1983; 14:139–45 (38 ref.)

Distribution and characterization of environmental promoter substances as assayed by synergistic Epstein–Barr virus–activating system. Ito Y, et al. **Int Symp Princess Takamatsu Cancer Res Fund** 1983; 14:125–37 (37 ref.)

Effect of (E)–5–(2–bromovinyl)–2'–deoxyuridine on the growth and viral capsid antigen expression of Epstein–Barr virus–associated tumor (B–95–8) cells transplanted to nude mice. Zhang ZX, et al. **Proc Soc Exp Biol Med** 1985 Apr; 178(4):616–22

Interaction of viruses with tumor promotors. Yamamoto N. **Rev Physiol Biochem Pharmacol** 1984;101:111–59 (257 ref.)

ENZYMOLOGY

Interaction of Epstein–Barr virus DNA polymerase and 5'–triphosphates of several antiviral nucleoside analogs. Chiou JF, et al. **Antimicrob Agents Chemother** 1985 Mar; 27(3):416–8

Distinctive properties of DNA polymerases induced by herpes simplex virus type–1 and Epstein–Barr virus. Allaudeen HS. **Antiviral Res** 1985 Feb;5(1):1–12

Epstein–Barr virus induces a unique pyrimidine deoxynucleoside kinase activity in superinfected and virus–producer B cell lines. Stinchcombe T, et al. **Biochemistry** 1985 Apr 9;24(8):2027–33

Antibody to Epstein–Barr virus specific DNase in sera of nasopharyngeal carcinoma and other nine most common cancer patients in Taiwan. Hsu MM, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1984 Aug;17(3):131–7

Activity of DNase associated with replication of Epstein–Barr virus in NPC–204 cells. Liu MY, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1984 Aug;17(3):121–30

Identification of the stable free radical tyrosine residue in ribonucleotide reductase. A sequence comparison. Sjöberg BM, et al. **FEBS Lett** 1985 Apr 8;183(1):99–102

Purification of Epstein–Barr virus DNA polymerase from P3HR–1 cells. Kallin B, et al. **J Virol** 1985 May;54(2):561–8

Demonstration of a stimulatory protein for virus–specified DNA polymerase in phorbol ester–treated Epstein–Barr virus–carrying cells. Chiou JF, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5728–31

GENETICS

The molecular biology of Epstein–Barr virus. Ooka T. **Biomed Pharmacother** 1985;39(2):59–66 (82 ref.)

Epstein–Barr virus genomes are restricted to secondary neoplastic cells following bone marrow transplantation. Schubach WH, et al. **Blood** 1985 Mar;65(3):535–8

Spliced RNA from the IR1–U2 region of Epstein–Barr virus: presence of an open reading frame for a repetitive polypeptide. Bodescot M, et al. **EMBO J** 1984 Aug; 3(8):1913–7

A human nucleolar antigen (pp90) associated with cell growth and its induction by Epstein–Barr virus and human cytomegalovirus. Kamata T, et al. **Int J Cancer** 1984 Nov 15;34(5):657–65

Molecular size variation of EBNA is determined by the EB viral genome. Gergely L, et al. **Intervirology** 1984; 22(2):85–96

Detection of Epstein–Barr virus DNA in mouthwashes by hybridization. Ambinder RF, et al. **J Clin Microbiol** 1985 Mar;21(3):353–6

Chromatin structure of Epstein–Barr virus. Dyson PJ, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):1931–40

Characterization of human B–cell lines harbouring both adult T–cell leukaemia (ATL) virus and Epstein–Barr virus derived from ATL patients. Koyanagi Y, et al. **J Gen Virol** 1984 Oct;65 (Pt 10):1781–9

Effect of heat shock on Epstein–Barr virus and cytomegalovirus expression. Zerbini M, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):633–6

Two major outer envelope glycoproteins of Epstein–Barr virus are encoded by the same gene. Beisel C, et al. **J Virol** 1985 Jun;54(3):665–74

An unusual spliced herpes simplex virus type 1 transcript with sequence homology to Epstein–Barr virus DNA. Costa RH, et al. **J Virol** 1985 May;54(2):317–28

Electron microscopic evidence for replication of circular Epstein–Barr virus genomes in latently infected Raji cells. Gussander E, et al. **J Virol** 1984 Nov;52(2):549–56

Random association of Epstein–Barr virus genomes with host cell metaphase chromosomes in Burkitt's lymphoma–derived cell lines. Harris A, et al. **J Virol** 1985 Oct;56(1):328–32

Two related but differentially expressed potential membrane proteins encoded by the EcoRI Dhet region of Epstein–Barr virus B95–8. Hudson GS, et al. **J Virol** 1985 Feb;53(2):528–35

Construction and use of cDNA clones for the mapping and identification of Epstein–Barr virus early P3HR–1 mRNAs. Manet E, et al. **J Virol** 1985 May;54(2):608–14

Epstein–Barr virus–encoded protein found in plasma membranes of transformed cells. Mann KP, et al. **J Virol** 1985 Sep;55(3):710–20

P3HR–1 Epstein–Barr virus with heterogeneous DNA is an independent replicon maintained by cell–to–cell spread. Miller G, et al. **J Virol** 1985 Apr;53(4):45–52

Identification of multiple Epstein–Barr virus–induced nuclear antigens with sera from patients with rheumatoid arthritis. Sculley TB, et al. **J Virol** 1984 Oct;52(1):88–93

The circular intracellular form of Epstein–Barr virus DNA is amplified by the virus–associated DNA polymerase. Shaw JE. **J Virol** 1985 Mar;53(3):1012–5

Epstein–Barr virus transformation of human B lymphocytes despite inhibition of viral polymerase. Sixbey JW, et al. **J Virol** 1985 Jan;53(1):299–301

Transformation by Epstein–Barr virus requires DNA sequences in the region of BamHI fragments Y and H. Skare J, et al. **J Virol** 1985 Aug;55(2):286–97

Latent and viral replicative transcription in vivo from the BamHI K fragment of Epstein–Barr virus DNA. Weigel R, et al. **J Virol** 1985 May;54(2):501–8

Constitutive expression of Epstein–Barr virus–encoded RNAs and nuclear antigen during latency and after induction of Epstein–Barr virus replication. Weigel R, et al. **J Virol** 1985 Jan;53(1):254–9

Sequence analysis of the 17,166 base–pair EcoRI fragment C of B95–8 Epstein–Barr virus. Bankier AT, et al. **Mol Biol Med** 1983 Jul;1(1):21–45

DNA sequence analysis of the EcoRI Dhet fragment of B95–8 Epstein–Barr virus containing the terminal repeat sequences. Bankier AT, et al. **Mol Biol Med** 1983 Nov; 1(4):425–45

DNA sequence and transcription of the BamHI fragment B region of B95–8 Epstein–Barr virus. Séguin C, et al. **Mol Biol Med** 1983 Oct;1(3):369–92

Repeat arrays in cellular DNA related to the Epstein–Barr virus IR3 repeat. Heller M, et al. **Mol Cell Biol** 1985 Mar; 5(3):457–65

Stable replication of plasmids derived from Epstein–Barr virus in various mammalian cells. Yates JL, et al. **Nature** 1985 Feb 28–Mar 6;313(6005):812–5

Activation of expression of latent Epstein–Barr herpesvirus after gene transfer with a small cloned subfragment of heterogeneous viral DNA. Countryman J, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4085–9

U2 region of Epstein–Barr virus DNA may encode Epstein–Barr nuclear antigen 2. Dambaugh T, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7632–6

A membrane protein encoded by Epstein–Barr virus in latent growth–transforming infection. Hennessy K, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7207–11

Expression of Epstein–Barr virus (EBV) DNA and cloned DNA fragments in human lymphocytes following Sendai virus envelope–mediated gene transfer. Volsky DJ, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5926–30

Immunoglobulin gene rearrangements and deletions in human Epstein–Barr virus–transformed cell lines producing different IgG and IgA subclasses. Webb CF, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5495–9

A second nuclear protein is encoded by Epstein–Barr virus in latent infection. Hennessy K, et al. **Science** 1985 Mar 8;227(4691):1238–40

Persistence of the entire Epstein–Barr virus genome integrated into human lymphocyte DNA. Matsuo T, et al. **Science** 1984 Dec 14;226(4680):1322–5

Identification of Epstein–Barr virus genes expressed during the early phase of virus replication and during lymphocyte immortalization. Sample J, et al. **Virology** 1984 Nov; 139(1):1–10

Mapping of Epstein–Barr virus proteins on the genome by translation of hybrid–selected RNA from induced P3HR1 cells and induced Raji cells. Seibl R, et al. **Virology** 1985 Feb;141(1):1–13

[Cytogenetic study of the QP1 and QP2 lymphoblastoid cell line carrying EB virus genes in nasopharyngeal carcinoma] Liu YF. **Chung Hua Chung Liu Tsa Chih** 1985 Jan;7(1):6–8 (Eng. Abstr.) **(Chi)**

[Structural organization of the Epstein–Barr virus genome] D'iachenko AG. **Eksp Onkol** 1984;6(4):3–10 (52 ref.) (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Epstein–Barr virus activation of human epithelial–nasopharyngeal carcinoma hybrid cells. Takimoto T, et al. **Am J Otolaryngol** 1984 Jan–Feb;5(1):1–6

Induction of EBV DNA demethylation and of EBV–specific transcription in Daudi cells treated with TPA and n–butyrate. Collandre H, et al. **Intervirology** 1984; 22(4):201–10

IMMUNOLOGY

Epstein–Barr virus and unexplained illness [letter] **Ann Intern Med** 1985 May;102(5):722–3

Increased prevalence and titer of Epstein–Barr virus antibodies in patients with multiple sclerosis. Sumaya CV, et al. **Ann Neurol** 1985 Apr;17(4):371–7

Immunological control of Epstein–Barr virus infection: possible lessons for AIDS. Epstein MA. **Ann NY Acad Sci** 1984;437:1–7 (50 ref.)

Antibodies to Epstein–Barr virus in patients with nasopharyngeal carcinoma and in comparison groups. Neel HB 3d, et al. **Ann Otol Rhinol Laryngol** 1984 Sep–Oct;93(5 Pt 1):477–82

Abnormal responses of rheumatoid arthritis lymphocytes to Epstein–Barr virus infection in vitro: evidence for multiple defects. Irving WL, et al. **Ann Rheum Dis** 1985 Jul; 44(7):462–8

Retinoic acid and steroids inhibit Epstein–Barr virus–induced nuclear antigen, DNA synthesis and lymphocyte transformation. Sundar SK, et al. **Anticancer Res** 1984 Nov–Dec;4(6):415–8

Effects of activated serum factor on the induction of Epstein–Barr virus antigens and cell differentiation. Roubalová K, et al. **Arch Virol** 1985;85(1–2):85–94

A subset of rheumatoid arthritis patients with a pattern of Epstein–Barr virus antibodies similar to that found in primary and secondary immunodeficiency diseases. Cohen JH, et al. **Arthritis Rheum** 1985 Mar;28(3):339–40

Cooperative trial of immunotherapy for nasopharyngeal carcinoma with transfer factor from donors with Epstein–Barr virus antibody activity. Goldenberg GJ, et al. **Cancer Treat Rep** 1985 Jul–Aug;69(7–8):761–7

B–cell–derived interleukin 1 (IL–1)–like factor. I. Relationship of production of IL–1–like factor to accessory cell function of Epstein–Barr virus–transformed human B–lymphoblast lines. Matsushima K, et al. **Cell Immunol** 1985 Sep;94(2):406–17

Nasopharyngeal mucosal changes in EB virus VCA–IgA antibody positive persons. Li EJ, et al. **Chin Med J [Engl]** 1985 Jan;98(1):25–30

Production of autoantibodies to cellular antigens by human B cells transformed by Epstein–Barr virus. Robinson JE, et al. **Clin Immunol Immunopathol** 1984 Dec;33(3):339–50

Antibodies against synthetic peptides react with the second Epstein–Barr virus–associated nuclear antigen. Dillner J, et al. **EMBO J** 1985 Jul;4(7):1813–8

Identification of the coding region for a second Epstein–Barr virus nuclear antigen (EBNA 2) by transfection of cloned DNA fragments. Mueller–Lantzsch N, et al. **EMBO J** 1985 Jul;4(7):1805–11

Detection of active Epstein–Barr infection in pregnant women. Costa S, et al. **Eur J Clin Microbiol** 1985 Jun; 4(3):335–6

Enhanced expression of Epstein–Barr virus early antigens by antitubulin agents in a latently infected human lymphoblastoid cell line. Fujita J, et al. **Experientia** 1985 Mar 15;41(3):372–3

Biological activities of human recombinant interferon alpha/beta targeted by anti–Epstein–Barr virus monoclonal antibodies. Miescher–Granger S, et al. **FEBS Lett** 1985 Jan 1;179(1):29–33

Differential effect of TPA and n–butyrate on induction of Ii and EBV antigens in the P3HR–1 lymphoblastoid cell line. Sairenji T, et al. **Hematol Oncol** 1984 Oct–Dec; 2(4):381–9

The proliferative immune response to autologous Epstein–Barr virus–transformed lymphoblastoid cells. I. Studies with HLA haplotype loss variants demonstrate a role for MHC–linked genes. Reitnauer PJ, et al. **Hum Immunol** 1985 Jul;13(3):177–91

Leukocyte migration inhibitory factor production by activated lymphocytes representing immunological memory or virus–receptor interaction: response of T cell subsets to Epstein–Barr virus nuclear antigen, response of B cells to UV inactivated Epstein–Barr virus. Szigeti R, et al. **Immunol Lett** 1985;9(5):267–73

In vitro synthesis of IgE by human lymphocytes. III. IgE–potentiating activity of culture supernatants from Epstein–Barr virus (EBV) transformed B cells. Sarfati M, et al. **Immunology** 1984 Oct;53(2):207–14

Characterization of a second Epstein–Barr virus–determined nuclear antigen associated with the BamHI WYH region of EBV DNA. Dillner J, et al. **Int J Cancer** 1985 Mar 15;35(3):359–66

Early primary infection and high Epstein–Barr virus antibody titers in Greenland Eskimos at high risk for nasopharyngeal carcinoma. Melbye M, et al. **Int J Cancer** 1984 Nov 15; 34(5):619–23

Generation of Epstein–Barr virus antigen–specific suppressor T cells in vitro. Sundar SK, et al. **Int J Cancer** 1985 Mar 15;35(3):351–7

Isoprinosine enhances the activation of sensitized lymphocytes by Epstein–Barr virus antigens. Sundar SK, et al. **Int J Immunopharmacol** 1985;7(2):187–92

Interferon induction in human leukocytes after in vitro exposure to cytomegalovirus or Epstein–Barr virus. Einhorn L, et al. **Intervirology** 1985;23(3):140–9

Characterization of Epstein–Barr virus nuclear antigen(s) in different cell lines by radioimmunoelectrophoresis. Sculley TB, et al. **Intervirology** 1984;22(4):191–200

Rescue of IgM, IgG, and IgA production in common varied immunodeficiency by T cell–independent stimulation with Epstein–Barr virus. Jeong G, et al. **J Clin Immunol** 1985 Mar;5(2):122–9

Epstein–Barr virus (EBV)–specific cell–mediated and humoral immune responses in ataxia–telangectasia patients. Masucci G, et al. **J Clin Immunol** 1984 Sep;4(5):369–82 (64 ref.)

Use of a simple separation column in detection of immunoglobulin M antibody to Epstein–Barr virus. Sumaya CV, et al. **J Clin Microbiol** 1984 Aug;20(2):298–9

Treatment of nasopharyngeal carcinoma with human leukocyte interferon. Connors JM, et al. **J Clin Oncol** 1985 Jun;3(6):813–7

Early events in Epstein–Barr virus infection provide a model for B cell activation. Thorley–Lawson DA, et al. **J Exp Med** 1985 Jul 1;162(1):45–59

Epstein–Barr virus nuclear antigen (EBNA): size polymorphism of EBNA 1. Allday MJ, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1595–600

Interaction between Epstein–Barr virus–determined nuclear antigen (EBNA) and the viral DNA. Gergely L, et al. **J Gen Virol** 1984 Nov;65 (Pt 11):2043–8

Identification of Epstein–Barr virus–induced polypeptides in P3HR–1 cells by protein immunoblot. Sculley TB, et al. **J Gen Virol** 1985 May;66 (Pt 5):1113–22

Human immune responses to synthetic peptides from the Epstein–Barr nuclear antigen. Rhodes G, et al. **J Immunol** 1985 Jan;134(1):211–6

The production of human monoclonal autoantibodies from patients with rheumatoid arthritis by the EBV–hybridoma technique. Haskard DO, et al. **J Immunol Methods** 1984 Nov 30;74(2):361–7

Large–scale purification of Epstein–Barr virus membrane antigen gp340 with a monoclonal antibody immunoabsorbent. Randle BJ, et al. **J Immunol Methods** 1985 Feb 28;77(1):25–36

Diagnostic significance of antibodies to the Epstein–Barr virus–specific membrane antigen gp250. Jilg W, et al. **J Infect Dis** 1985 Jul;152(1):222–5

Long–term follow–up of IgG and IgA antibodies against viral capsid antigens of Epstein–Barr virus in nasopharyngeal carcinoma. Lynn TC, et al. **J Laryngol Otol** 1985 Jun; 99(6):567–72

Antibody response to Epstein–Barr–virus–specific DNase in 13 patients with nasopharyngeal carcinoma in Taiwan: a retrospective study. Chen JY, et al. **J Med Virol** 1985 Jun; 16(2):99–105

The seroepidemiology of infection due to Epstein–Barr virus in southern India. Venkitaraman AR, et al. **J Med Virol** 1985 Jan;15(1):11–6

Effects of pure interferons on Epstein–Barr virus infection in vitro. Andersson JP, et al. **J Virol** 1985 May;54(2):615–8

Epstein–Barr virus–transformed lymphocytes produce monoclonal autoantibodies that react with antigens in multiple organs. Garzelli C, et al. **J Virol** 1984 Nov; 52(2):722–5

Qualitative and quantitative analyses of Epstein–Barr virus early antigen diffuse component by western blotting enzyme–linked immunosorbent assay with a monoclonal antibody. Lin JC, et al. **J Virol** 1985 Mar;53(3):793–9

Identification and characterization of a cellular protein that cross–reacts with the Epstein–Barr virus nuclear antigen. Luka J, et al. **J Virol** 1984 Dec;52(3):833–8

Wiskott–Aldrich syndrome and Epstein–Barr virus–induced lymphoproliferation [letter] Okano M, et al. **Lancet** 1984 Oct 20;2(8408):933–4

Cryptogenic fibrosing alveolitis and Epstein–Barr virus: an association? Vergnon JM, et al. **Lancet** 1984 Oct 6; 2(8406):768–71

Epstein–Barr virus–associated antibodies and serum biochemistry in nasopharyngeal carcinoma. Lynn TC, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1485–8

The immune response to Epstein–Barr nuclear antigen: conformational and structural features of antibody binding to synthetic peptides. Rhodes G, et al. **Mol Immunol** 1984 Nov;21(11):1047–54

Antibody responses to two Epstein–Barr virus nuclear antigens defined by gene transfer. Miller G, et al. **N Engl J Med** 1985 Mar 21;312(12):750–5

'Lymphoepithelioma–like' thymic carcinoma: another tumor related to Epstein–Barr virus? [editorial] Rosai J. **N Engl J Med** 1985 May 16;312(20):1320–2

Natural killer cells inhibit outgrowth of autologous Epstein–Barr virus–infected B lymphocytes. Kaplan J, et al. **Nat Immun Cell Growth Regul** 1985;4(1):40–7

T–cell control of Epstein–Barr virus–infected B cells is lost during P. falciparum malaria. Whittle HC, et al. **Nature** 1984 Nov 29–Dec 5;312(5993):449–50

Epstein–Barr nuclear antigen and viral capsid antigen antibody titers in multiple sclerosis. Larsen PD, et al. **Neurology** 1985 Mar;35(3):435–8

Carboxyl–terminal domain of the Epstein–Barr virus nuclear antigen is highly immunogenic in man. Milman G, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6300–4

Expression of a second Epstein–Barr virus–determined nuclear antigen in mouse cells after gene transfer with a cloned fragment of the viral genome. Rymo L, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3435–9

Changes in Epstein–Barr virus antibody titers associated with aging. Glaser R, et al. **Proc Soc Exp Biol Med** 1985 Jul; 179(3):352–5

Cyclosporin A inhibits induction but not production of gamma interferon induced by Epstein–Barr virus. Andersson JP, et al. **Scand J Immunol** 1985 Aug;22(2):203–6

Malaria antibody levels in patients with nasopharyngeal carcinoma. Yadav M, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun; 15(2):234–7

Transformation of human colostrum lymphocytes with Epstein–Barr virus and the production of IgA in culture. Maeda–Takekoshi F, et al. **Tokai J Exp Clin Med** 1984 Jun;9(2):103–8

The Epstein–Barr virus nuclear antigen (BamHI K antigen) is a single–stranded DNA binding phosphoprotein. Hearing JC, et al. **Virology** 1985 Aug;145(1):105–16

[Relation between the growth pattern and the quantity of plasma cells of nasopharyngeal cancer (NPC) and serum EBV antibody level] Li JT. **Chung Hua Chung Liu Tsa Chih** 1985 Jan;7(1):9–11 (Eng. Abstr.) (Chi)

[Cell fusion and activation of Epstein–Barr virus (EBV)] Liu YX. **Chung Hua Chung Liu Tsa Chih** 1985 Jan;7(1):15–8 (Eng. Abstr.) (Chi)

[Simultaneous detection of IgM antibodies against the hepatitis A virus and the viral capsid antigen of Epstein–Barr virus in acute hepatitis] Naveau S, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):109–12 (Eng. Abstr.) (Fre)

[Demonstration of IgG– and IgA–antibodies against Epstein–Barr virus–associated antigens with a microtiter enzyme immunoassay system. The determination of serum antibodies against the viral capsid antigen and the early antigen complex in the sera of tumor and infectious mononucleosis patients] Dölken G, et al. **Dtsch Med Wochenschr** 1984 Nov 30;109(48):1837–43 (Eng. Abstr.) (Ger)

[Production of human monoclonal antibodies by Epstein–Barr virus–transformed cell lines] Avital A, et al. **Harefuah** 1984 Oct;107(7–8):167–8 (Eng. Abstr.) (Heb)

[Rhinopharyngeal carcinoma and Epstein–Barr virus: study of a sample of Italian patients] Caliceti U, et al. **Acta Otorhinolaryngol Ital** 1985 Jan–Feb;5(1):83–90 (Eng. Abstr.) (Ita)

[Studies on the synthesis of Epstein–Barr virus–related antigens induced by superinfection] Fujiwara S. **Hokkaido Igaku Zasshi** 1984 Sep;59(5):586–602 (Eng. Abstr.) (Jpn)

[Transmission of Epstein–Barr virus specific antigen associated with cell fusion activity] Furukawa M, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Jan;88(1):20–4 (Eng. Abstr.) (Jpn)

[Demonstration of Epstein–Barr virus (EBV)–related antigens and tumorigenicity in nude mice in a hybrid cell line derived from the fusion of an EBV–positive lymphoblastoid cell and an EBV–negative epithelial cell from the human nasopharynx] Ishiguro H. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Jun;87(6):693–707 (Eng. Abstr.) (Jpn)

[Fluctuation in Epstein–Barr virus–related antibody titers by age: response differences between the IgG antibodies to VCA and anti–EBNA antibodies] Kumagai E, et al. **Rinsho Byori** 1984 Jun;32(6):666–70 (Jpn)

ISOLATION & PURIFICATION

Epstein–Barr virus–associated hemophagocytic syndrome: virological and immunopathological studies. Sullivan JL, et al. **Blood** 1985 May;65(5):1097–104

Lytic, nontransforming Epstein–Barr virus (EBV) from a patient with chronic active EBV infection. Alfieri C, et al. **Can Med Assoc J** 1984 Nov 15;131(10):1249–52

Oropharyngeal shedding of infectious Epstein–Barr virus in healthy virus–immune donors. A prospective study. Yao QY, et al. **Chin Med J [Engl]** 1985 Mar;98(3):191–6

A new strain of Epstein–Barr virus derived from nasopharyngeal carcinoma hybrid cells. Takimoto T, et al. **Gann** 1984 Nov;75(11):947–9

Endemic and sporadic cases of Epstein–Barr virus–positive Burkitt's lymphoma: immunological characterization of derived cell lines. Rooney CM, et al. **Hamatol Bluttransfus** 1985;29:308–11

Paired Epstein–Barr virus–carrying lymphoma and lymphoblastoid cell lines from Burkitt's lymphoma patients: comparative sensitivity to non–specific and to allo–specific cytotoxic responses in vitro. Rooney CM, et al. **Int J Cancer** 1984 Sep 15;34(3):339–48

Oncogene expression in isogenic, EBV–positive and –negative Burkitt lymphoma cell lines. Glazer PM, et al. **Intervirology** 1985;23(2):82–9

Serological testing for Epstein–Barr virus—developments in interpretation. Sumaya CV. **J Infect Dis** 1985 Jun; 151(6):984–7

Purification of biologically active Epstein–Barr virus by affinity chromatography and non–ionic density gradient centrifugation. Fowler E, et al. **J Virol Methods** 1985 May; 11(1):59–74

Isolation of transforming and early antigen–inducing Epstein–Barr virus from nasopharyngeal carcinoma hybrid cells (NPC–KT). Takimoto T, et al. **JNCI** 1985 Jan; 74(1):57–60

A case of Japanese Burkitt's lymphoma associated with EB virus. Shikano T, et al. **Jpn J Clin Oncol** 1984 Sep; 14(3):445–50

Evidence that respiratory tract is major reservoir for Epstein–Barr virus. Lung ML, et al. **Lancet** 1985 Apr 20; 1(8434):889–92

Characterization of Epstein–Barr virus infection of hairy cell leukemia patients. Sairenji T, et al. **Semin Oncol** 1984 Dec; 11(4):439–45

METABOLISM

Inhibition of Epstein–Barr virus (EBV) release from the P3HR–1 Burkitt's lymphoma cell line by a monoclonal antibody against a 200,000 dalton EBV membrane antigen. Sairenji T, et al. **J Exp Med** 1985 May 1;161(5):1097–111

Functional association of class II antigens with cell surface binding of Epstein–Barr virus. Reisert PS, et al. **J Immunol** 1985 Jun;134(6):3776–80

Pattern of Epstein–Barr virus (EBV)–specific proteins synthesized during primary lytic infection of mouse lymphocytes by EBV. Sinangil F, et al. **Virus Res** 1984 1(4):275–9

PATHOGENICITY

Epstein-Barr virus infection and immunoregulation in man. Tosato G, et al. **Adv Immunol** 1985;37:99–149 (228 ref.)

Effect of cyclosporin-A (CsA) on the ability of T lymphocyte subsets to inhibit the proliferation of autologous EBV-transformed B cells. Bejarano MT, et al. **Int J Cancer** 1985 Mar 15;35(3):327–33

Infectious mononucleosis-like response in common marmosets infected with Epstein-Barr virus. Wedderburn N, et al. **J Infect Dis** 1984 Dec;150(6):878–82

Burkitt's lymphoma: clues to the role of malaria [news] Epstein MA. **Nature** 1984 Nov 29–Dec 5;312(5993):398

Epstein-Barr virus and carcinoma [letter] Wolf H. **Nature** 1984 Dec 20-1985 Jan 2;312(5996):705

Epstein-Barr virus, immunodeficiency, and B cell lymphoproliferation. Hanto DW, et al. **Transplantation** 1985 May;39(5):461–72 (166 ref.)

PHYSIOLOGY

The Epstein-Barr virus (EBV): a Rosetta Stone for understanding the role of viruses in immunopathological disorders and in human carcinogenesis. de-Thé G. **Biomed Pharmacother** 1985;39(2):49–51

The Epstein-Barr virus as a model of virus-host interactions. Rickinson AB, et al. **Br Med Bull** 1985 Jan;41(1):75–9 (39 ref.)

Characterization of Epstein-Barr virus-specific T-cell hybridomas derived from infectious mononucleosis. Valentine MA, et al. **Clin Immunol Immunopathol** 1985 Oct; 37(1):56–62

Molecular forms of sphingomyelinase and non-specific phosphodiesterases in Epstein-Barr virus-transformed lymphoid cell lines from Niemann-Pick disease types A and B. Levade T, et al. **Eur J Biochem** 1985 Jun 3; 149(2):405–9

Use of Epstein-Barr virus to transform fetal human spleen cells for HLA typing. Mandel TE, et al. **Transplantation** 1984 Oct;38(4):436–7

ULTRASTRUCTURE

Electron microscopic study of cell lines established from adult T-cell leukemia--coexistence of adult T-cell leukemia virus and Epstein-Barr virus. Hirose Y, et al. **Jpn J Clin Oncol** 1984 Dec;14(4):585–93

EPULIS, GIANT CELL see **GRANULOMA, GIANT CELL**

EQUILENIN see under **17-KETOSTEROIDS**

EQUILIBRIUM

Impairment of postural stability following perivascular axillary block with mepivacaine. Kjaergård H, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):508–10

Postural responses evoked by sinusoidal galvanic stimulation of the labyrinth. Influence of head position. Hlavacka F, et al. **Acta Otolaryngol (Stockh)** 1985 Jan–Feb; 99(1-2):107–12

Post-labyrinthectomy balance compensation with preplacement of cerebellar vermis lesion. Igarashi M, et al. **Acta Otolaryngol (Stockh)** 1985 Mar–Apr;99(3–4):452–8

Role of the visceral brain in body equilibrium. Hinoki M. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:30–52

Platform training and postural stability in hemiplegia. Hocherman S, et al. **Arch Phys Med Rehabil** 1984 Oct; 65(10):588–92

A study on the pathogenesis of dysequilibrium in chronic alcoholics. Kimura F, et al. **Bull Osaka Med Sch** 1983 Oct; 29(2):98–105

Functional anatomy of balance. Crowther JA. **Ear Nose Throat J** 1984 Nov;63(11):537–41

Visual and vestibular contributions to pitch sway stabilization in the ankle muscles of normals and patients with bilateral peripheral vestibular deficits. Allum JH, et al. **Exp Brain Res** 1985;58(1):82–94

The psychiatric consultant's approach to elderly fallers. Nickens H. **Hosp Community Psychiatry** 1984 Dec; 35(12):1190–1, 1248

Reduction of body sway by stimuli imaged within a cortical scotoma: a case study. Raymond JE, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):1021–4

The effects of movement velocity, mass displaced, and task certainty on associated postural adjustments made by normal and hemiplegic individuals. Horak FB, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):1020–8

A study of postural equilibrium in idiopathic scoliosis. Driscoll DM, et al. **J Pediatr Orthop** 1984 Nov;4(6):677–81

Recovery of vestibulospinal balance function after unilateral labyrinthectomy in patients with Ménière's disease. Kaga K, et al. **ORL J Otorhinolaryngol Relat Spec** 1985; 47(4):194–8

Auditory and vestibular function in hyperbaric oxygen. Marsh RR, et al. **Otolaryngol Head Neck Surg** 1985 Jun; 93(3):390–3

Effects of mental practice on balance in elderly women. Fansler CL, et al. **Phys Ther** 1985 Sep;65(9):1332–8

Dynamics of postural control in the child with Down syndrome. Shumway-Cook A, et al. **Phys Ther** 1985 Sep; 65(9):1315–22

[Orthostatic postural behavior of a population of aged subjects with atherosclerosis from the spectral analysis of their stabilogram] Patat A, et al. **Agressologie** 1985 Jan; 26(1):73–7 (Eng. Abstr.) **(Fre)**

[Does proprioception of the extrinsic eye muscles participate in equilibrium, vision and oculomotor action?] Batini C, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(1):7–18 (Eng. Abstr.) **(Fre)**

[Role of oculomotility in the maintenance of equilibrium] Gagey PM. **Rev Otoneuroophtalmol** 1984 May–Jun; 56(3):253–9, 261 (Eng. Abstr.) **(Fre)**

[Inclinometry as a method of registering postural reactions] Hamann KF, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Jul; 63(7):378–80 (Eng. Abstr.) **(Ger)**

[Standardization of electronically evaluated Romberg tests] Holtmann S, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Jul; 63(7):375–7 (Eng. Abstr.) **(Ger)**

[Physiology of the caloric equilibrium reaction. Consequences from results of space experiments in Spacelab 1, December 1983] Scherer H, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 May;64(5):263–8 (Eng. Abstr.) **(Ger)**

[Physiologic principles of equilibrium] Precht W. **Ther Umsch** 1984 Oct;41(10):684–8 (Eng. Abstr.) **(Ger)**

[Some problems in quantification of postural instability with gravinography] Harayama H, et al. **Rinsho Shinkeigaku** 1985 Jan;25(1):50–7 (Eng. Abstr.) **(Jpn)**

[Analysis of the maintenance of human body equilibrium in the blockade of certain types of proprioceptive afferentation] Smetanin BN, et al. **Fiziol Cheloveka** 1984 Mar–Apr;10(2):291–8 **(Rus)**

DRUG EFFECTS

Age, drinking habits and the effects of alcohol. Vogel-Sprott M, et al. **J Stud Alcohol** 1984 Nov;45(6):517–21

[Application of spectrum analysis of equilibration recordings (posturography) in clinical pharmacology of vindeburnol] Patat A, et al. **Therapie** 1984 Nov–Dec;39(6):639–45 (Eng. Abstr.) **(Fre)**

EQUILIN see under **17-KETOSTEROIDS**

EQUINE COITAL EXANTHEMA VIRUS see under **HERPESVIRIDAE**

EQUINE INFECTIOUS ANEMIA

IMMUNOLOGY

Equine infectious anemia virus: immunopathogenesis and persistence. Cheevers WP, et al. **Rev Infect Dis** 1985 Jan–Feb;7(1):83–8 (58 ref.)

TRANSMISSION

Prospective study of progeny of inapparent equine carriers of equine infectious anemia virus. Issel CJ, et al. **Am J Vet Res** 1985 May;46(5):1114–6

EQUINE INFLUENZA VIRUS see **ORTHOMYXOVIRUSES TYPE A**

EQUINE RHINOPNEUMONITIS VIRUS see under **HERPESVIRIDAE**

EQUINE RHINOVIRUS see under **RHINOVIRUSES**

EQUIPMENT ALARM SYSTEMS see **EQUIPMENT FAILURE**

EQUIPMENT AND SUPPLIES

see related
CATALOGS, COMMERCIAL

Medical alert--difficult intubation [letter] Schwartz JJ, et al. **Anesthesiology** 1985 Sep;63(3):343–4

Some special rehabilitation engineering devices. Brearley MN. **Australas Phys Eng Sci Med** 1984 Oct–Dec;7(4):150–2

Laboratory instrument interface system (LIIS): a unit for the acquisition, temporary storage and transfer of data to a microcomputer. Danforth DR, et al. **Comput Biol Med** 1985;15(2):95–101

Cardiac output determination: thermodilution versus a new computerized Fick method. Carpenter JP, et al. **Crit Care Med** 1985 Jul;13(7):576–9

New advances in therapeutic instruments. Part 2. Martin DL. **Dimens Health Serv** 1984 Aug;61(8):38

Experimental medical devices, drugs and techniques. Their future social, medical and political implications (Part 4). Bowen OR. **Indiana Med** 1984 Sep;77(9):682–5

Use of the piezo-electric gun to remove surface charge from intraocular lenses. Tennant JL, et al. **J Am Intraocul Implant Soc** 1984 Fall;10(4):486–7

The rationale and a computer evaluation of a gamma irradiation sterilization dose determination method for medical devices using a substerilization incremental dose sterility test protocol. Davis KW, et al. **J Appl Bacteriol** 1984 Aug;57(1):31–50

Microprocessor controlled arthrograph. Howe A, et al. **J Biomed Eng** 1985 Apr;7(2):153–6

Evaluation of infusion pumps: third report—volumetric pumps. **J Med Eng Technol** 1984 May–Jun;8(3):127–32

Clinical applications of infusion systems. Pickup JC. **J Med Eng Technol** 1984 May–Jun;8(3):101–7

On display: the science and art of healing. Sammis S, et al. **J Med Soc NJ** 1984 Sep;81(9):747–57

Allergy supplement [letter] Dibden WA. **Med J Aust** 1984 Nov 10;141(10):683

Medic Alert bracelets [letter] Gilbert-Fogland W. **Med J Aust** 1985 May 27;142(11):619

Prospective crossover evaluation of four methods of clinical management of tinnitus. Mehlum D, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):448–53

Transcutaneous bilirubinometry: a comparison of old and new methods. Schumacher RE, et al. **Pediatrics** 1985 Jul; 76(1):10–4

A self-maintained Pulfrich pendulum (apparatus note). Gregory RL. **Perception** 1984;13(5):633–4

Use of two ionisation chambers with a commercial isotope assay calibrator. Dye RE, et al. **Phys Med Biol** 1984 Dec; 29(12):1571–3

Device for stretching the hamstring muscles. Suggestion from the field. Dubuc WE, et al. **Phys Ther** 1985 Mar;65(3):352–3

Device for carrying a physically handicapped child. Suggestion from the field. Mast JD. **Phys Ther** 1985 Mar; 65(3):351

Office laboratory equipment. Should you consider automation? Wróblewski F. **Postgrad Med** 1984 Oct; 76(5):211–3, 216–8

FDA hit on device regulation [news] Sun M. **Science** 1984 Oct 26;226(4673):424

[Use of radiation sterilization for medical material] Olbrichová D. **Cesk Farm** 1984 Jul;33(6):244–8 (Eng. Abstr.) **(Cze)**

[Geometric and dynamic characteristics of hockey sticks in regard to their performance] Roy B, et al. **Can J Appl Sport Sci** 1984 Dec;9(4):214–9 (Eng. Abstr.) **(Fre)**

[What is Cybex? What does it enable us to do?] Leyvraz PF, et al. **Rev Med Suisse Romande** 1984 Oct;104(10):795–9 **(Fre)**

[Capillary tube plasma viscometer: methodology, quality control and reference range] Jung F, et al. **Biomed Tech (Berlin)** 1985 Jun;30(6):152–8 (Eng. Abstr.) **(Ger)**

[The new medical instrument ordinance] Lippert HD. **Dtsch Med Wochenschr** 1985 Sep 20;110(38):1469–70 **(Ger)**

[Technical health equipment of the health office—a report of experiences] Bodenschatz W. **Off Gesundheitswes** 1984 Dec;46(12):608–10 **(Ger)**

[Sport-Tester PE 3000 training system] Hofer P, et al. **Schweiz Z Sportmed** 1985 Jun;33(2):67–9 **(Ger)**

[Radiation as a microbiological contamination control of drugs, cosmetics and medical devices] Ishizeki C. **Radioisotopes** 1985 May;34(5):282–91 (56 ref.) **(Jpn)**

[Device for determining the quantity and density of urine] Kushner VD. **Lab Delo** 1984;(10):604–6 (Eng. Abstr.) **(Rus)**

[Portable rapid mixer] Tishkovskii VG. **Lab Delo** 1984;(9):575 **(Rus)**

[Calculation of the number of personnel required for technical servicing of medical equipment] Brenev EV, et al. **Med Tekh** 1985 Mar–Apr;(2):41–6 (Eng. Abstr.) **(Rus)**

[Complex mechanization and automation in industry (based on the experience of the establishments of the 'Soiuzmedinstrument' association)] Levin MV. **Med Tekh** 1984 Sep–Oct;(5):48–57 (Eng. Abstr.) **(Rus)**

[Effect of nonequilibrium plasma parameters on the surface characteristics of titanium medical instruments] Matukhnov VM, et al. **Med Tekh** 1984 Sep–Oct;(5):43–5 (Eng. Abstr.) **(Rus)**

[Vibration treatment of medical equipment components using abrasive-containing compounds removable by water] Movchan VO, et al. **Med Tekh** 1985 Mar–Apr;(2):37–40 (Eng. Abstr.) **(Rus)**

[Urethral olive-tipped bougies constructed in one piece from polymeric materials] Mukhacheva NSh, et al. **Med Tekh** 1985 Jan–Feb;(1):59–60 (Eng. Abstr.) **(Rus)**

[Diffusion chromizing of medical equipment parts made of carbon steels] Rybkin VF, et al. **Med Tekh** 1985 Mar–Apr; (2):34–6 (Eng. Abstr.) **(Rus)**

[Use of corrosion inhibitors during the sterilization and disinfection of medical instruments] Talalina AS, et al. **Med Tekh** 1984 Jul–Aug;(4):30–3 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Reporting problems about medical devices [letter] Moore RC, et al. **Am J Hosp Pharm** 1985 Jun;42(6):1274, 1278

New regulation requires reporting of significant medical device problems. **FDA Drug Bull** 1984 Dec;14(3):26

ECONOMICS

Durable medical equipment reimbursement changes. Wilson DK. **J Tenn Med Assoc** 1985 Jul;78(7):460–1

STANDARDS

[The establishment of relative guaranties of quality of certain primary materials used in the fabrication of medico-surgical materials made of polyvinyl chloride] de Seille JM, et al. **J Pharm Belg** 1985 Mar–Apr;40(2):69–74 (Eng. Abstr.) **(Fre)**

[Why and how should we standardize medical equipment in France? (editorial)] Ducassou D. **J Radiol** 1984 Oct;

65(10):627–9 (Fre)

[Method of electrochemical studies on the effect of corrosive media on the corrosion resistance of medical instruments] Bogomolova SN, et al. **Med Tekh** 1984 Sep–Oct;(5):45–8 (Eng. Abstr.) (Rus)

SUPPLY & DISTRIBUTION

Whither the rehabilitation equipment industry? Radcliffe DF. **Australas Phys Eng Sci Med** 1984 Oct–Dec;7(4):161–5

EQUIPMENT AND SUPPLIES, HOSPITAL

Heated inhalation treatment of hypothermia. Slovis CM, et al. **Am J Emerg Med** 1984 Nov;2(6):533–6

Sterile water and saline solution: potential reservoirs of nosocomial infection. Brown DG, et al. **Am J Infect Control** 1985 Feb;13(1):35–9

The more things change... Lewis EL. **Am J Nurs** 1985 Feb; 85(2):220

Equipment planning and purchasing: computers lighten load. Leigh–Mossley PF, et al. **Dimens Health Serv** 1984 Oct; 61(9):30–1

The use of a mobile laboratory cart in a successful university–based human in vitro fertilization program. Gerrity M, et al. **Fertil Steril** 1985 Mar;43(3):481–4

Computer hardware in the hospital industry. Packer CL. **Hospitals** 1984 Nov 1;58(21):111–4

room humidifiers and hospitals. Craig CP. **Infect Control** 1985 Mar;6(3):129–30

Product evaluation committee. Crow S. **Infect Control** 1985 May;6(5):207–8

Use of 'bollards' to improve patient access during intensive care. Kerr JH, et al. **Intensive Care Med** 1985;11(1):33–8

An automatic monitoring system for measuring handwashing frequency in hospital wards. Broughall JM, et al. **J Hosp Infect** 1984 Dec;5(4):447–53

Rechargeable batteries—cause for concern [editorial] Brydon J. **J Med Eng Technol** 1985 May–Jun;9(3):105–6

Estimating supply requirements for implementing a laboratory information system. Boudreau DA, et al. **J Med Syst** 1984 Aug;8(4):351–62

Effect of the birth chair on duration of second stage labor, fetal outcome, and maternal blood loss. Shannahan MD, et al. **Nurs Res** 1985 Mar–Apr;34(2):89–92

An inexpensive patient imaging table for gamma camera work. Ghosh SK, et al. **Phys Med Biol** 1984 Oct; 29(10):1271–5

[Pseudomonas aeruginosa in drinking water spouts of the hospital] Schoenen D, et al. **Off Gesundheitswes** 1985 Jan; 47(1):32–6 (Ger)

[Attached head support for an Mk1 patient–treatment table] Hannappel L. **Strahlentherapie** 1984 Oct;160(10):617–9 (Eng. Abstr.) (Ger)

[Methods of determining trace amounts of glutaraldehyde in aqueous solutions and their use in the control of residual amounts of the substance on sterilized metal instruments] Epshtein AE, et al. **Gig Sanit** 1984 Dec;(12):32–3 (Rus)

ECONOMICS

The financial management of hospital equipment. Charles L, et al. **J Med Eng Technol** 1984 Nov–Dec;8(6):254–5

Projecting supply expenses. Hoffman FM. **J Nurs Adm** 1985 Jun;15(6):21–4

Equipment compatibility, cost containment, and purchasing policies. Hargest TS. **Med Instrum** 1985 Jan–Feb;19(1):43–4

Budget restrictions, equipment obsolescence, and risk: the quandary of whether to replace, to be without, or never to acquire. Hargest TS. **Med Instrum** 1984 Jul–Aug; 18(4):245–6

[Evaluation of the effectiveness of using the hospital bed fund (on the article by Shcherbakov, 'Methodological approaches to the planning and evaluation of the effectiveness of using the hospital bed fund')] Petrov MN. **Sov Zdravookhr** 1985;(3):34–6 (Rus)

STANDARDS

In vivo accuracy of gravity–flow i.v. infusion systems. Crass RE, et al. **Am J Hosp Pharm** 1985 Feb;42(2):328–31

Important principles in the development, manufacture and maintenance of anaesthesia equipment. Frankenberger H, et al. **Biomed Tech (Berlin)** 1984 Sep;29(9):225–9

Multi–district equipment management. Stamp JM. **J Med Eng Technol** 1984 Nov–Dec;8(6):259–63

A testing and evaluation protocol for in–hospital sterilization containers and its application to a new container system. Kagan J. **Med Instrum** 1984 Sep–Oct;18(5):276–9

Assessment of the impact of medical devices on the quality of care. Keil O, et al. **QRB** 1984 Sep;10(9):278–80

SUPPLY & DISTRIBUTION

The growing importance of equipment planning. Goodman G. **Hospitals** 1984 Nov 1;58(21):100–1

[Material and technical basis for providing medical services to the rural population by mobile health units] Pakharin VI. **Sov Med** 1984;(8):55–8 (Rus)

EQUIPMENT CONTAMINATION

Transmission of neonatal listeriosis in a delivery room. Nelson KE, et al. **Am J Dis Child** 1985 Sep;139(9):903–5

Changing knives a wasteful and unnecessary ritual. Hill R, et al. **Ann R Coll Surg Engl** 1985 May;67(3):149–51

Hepatitis B virus in a cardiopulmonary resuscitation training course. Risk of transmission from a surface antigen–positive participant. Glaser JB, et al. **Arch Intern Med** 1985 Sep; 145(9):1653–5

A comparative evaluation of dental aspirator cleansing and disinfectant solutions. Gorman SP, et al. **Br Dent J** 1985 Jan 5;158(1):13–6

Viruses and endotracheal tubes [letter] Cozanitis DA, et al. **Br J Anaesth** 1984 Nov;56(11):1317–8

Cleaning of anaesthesia breathing circuits and tubings: a Canadian survey. Barry AE, et al. **Can Anaesth Soc J** 1984 Sep;31(5):572–5

Electron microscopic study of an infected Foley catheter. Nickel JC, et al. **Can J Surg** 1985 Jan;28(1):50–1, 54

Deposits on soft contact lenses of various water contents. Fowler SA, et al. **CLAO J** 1985 Apr–Jun;11(2):124–7

Ammonia results increased by bacteria in aca needle tubing [letter] Hayes LW, et al. **Clin Chem** 1984 Nov;30(11):1882–3

Bacterial contamination of pressurized inhalers. Levesque KA, et al. **Drug Intell Clin Pharm** 1984 Sep;18(9):735–7

Vascular access and nosocomial infections. Critical care medicine. Lagler R. **Indiana Med** 1985 Apr;78(4):273–5

Brief report: bacteriological sampling of telephones and other hospital staff hand–contact objects. Rafferty KM, et al. **Infect Control** 1984 Nov;5(11):533–5

Bedside resuscitation bags: a source of bacterial contamination. Thompson AC, et al. **Infect Control** 1985 Jun;6(6):231–2

Contamination of intradermal skin test syringes. Shulan DJ, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):226–7

Infection and intravenous catheters [letter] Freeman R, et al. **J Antimicrob Chemother** 1985 Feb;15(2):258

Scanning electron microscopy of dairy equipment surfaces contaminated by two milk–borne micro–organisms. Speers JG, et al. **J Appl Bacteriol** 1984 Aug;57(1):139–45

Effects of contamination on ion mobility detection after gas chromatography. Baim MA, et al. **J Chromatogr** 1984 Sep 21;299(2):309–19

Scanning electron microscopy of bacteria adherent to intravascular catheters. Franson TR, et al. **J Clin Microbiol** 1984 Sep;20(3):500–5

Mechanism of cross–contamination of blood culture bottles in outbreaks of pseudobacteremia associated with nonsterile blood collection tubes. McNeil MM, et al. **J Clin Microbiol** 1985 Jul;22(1):23–5

Urinary tract pressure recording equipment as a source of infection. Glenister H, et al. **J Hosp Infect** 1985 Jun; 6(2):224–6

Pseudo–outbreak of Bacillus species: related to fibreoptic bronchoscopy. Goldstein B, et al. **J Hosp Infect** 1985 Jun; 6(2):194–200

Contamination using evacuated blood collecting systems [letter] Holton J, et al. **J Hosp Infect** 1984 Sep;5(3):341–2

Bacterial counts obtained with a centrifugal (RCS) sampler [letter] Lidwell OM. **J Hosp Infect** 1984 Sep;5(3):342–3

Tests for removal of bacteria and food particles in a dishwashing machine [letter] Rahman M. **J Hosp Infect** 1985 Mar;6(1):114–5

Quantitative bacteriology of peripheral venous cannulae in neonates. Wilkins EG, et al. **J Hosp Infect** 1985 Jun; 6(2):209–17

Surface sampling using a single swab method. Yamayoshi T, et al. **J Hosp Infect** 1984 Dec;5(4):386–90

A model of catheter colonisation in vitro and its relationship to clinical catheter infections. Bayston R. **J Infect** 1984 Nov;9(3):271–6

Fomites and herpes simplex virus [letter] Larson T, et al. **J Infect Dis** 1985 Apr;151(4):746–7

Changing intravenous tubing containing burettes [letter] Josephson A. **JAMA** 1985 Jan 4;253(1):42

Bacterial contamination of the feeding bag during catheter jejunostomy: exogenous or endogenous Origin? [letter] de Leeuw I, et al. **JPEN** 1984 Sep–Oct;8(5):591–2

A randomized trial on the effect of tubing changes on hub contamination and catheter sepsis during parenteral nutrition. Sitges–Serra A, et al. **JPEN J Parenter Enteral Nutr** 1985 May–Jun;9(3):322–5

Pseudobacteraemia, again [letter] Ispahani P, et al. **Lancet** 1985 Aug 17;2(8451):383–4

Disinfectant inactivation of AIDS virus in blood or serum [letter] Wallbank AM. **Lancet** 1985 Mar 16;1(8429):642

Rapid diagnosis of intravascular catheter–associated infection by direct Gram staining of catheter segments. Cooper GL, et al. **N Engl J Med** 1985 May 2;312(18):1142–7

Transmission of infection and multidose syringes [letter] **Vet Rec** 1985 Mar 9;116(10):275

[Contamination of common tableware by hepatitis B surface antigen] She YS. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Jun; 5(3):136–7 (Eng. Abstr.) (Chi)

[Hygienic evaluation of new technological processes and equipment in chemical fiber production] Kasparov AA, et al. **Gig Sanit** 1985 Jan;(1):23–5 (Eng. Abstr.) (Rus)

PREVENTION & CONTROL

Moisture exchangers do not prevent patient contamination of ventilators. A microbiological study. Bygdeman S, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):591–4

Contamination of internal jugular cannulae. Clayton DG, et al. **Anaesthesia** 1985 Jun;40(6):523–8

Is asepsis still essential? [editorial] Sussman M. **Anaesthesia** 1985 Jun;40(6):521–2

Short–term sterility of the pulmonary artery catheter inserted through an external plastic shield. Johnston WE, et al. **Anesthesiology** 1984 Oct;61(4):461–4

Microbiologic risk of invasive hemodynamic monitoring in patients undergoing open–heart operations. Damen J, et al. **Crit Care Med** 1985 Jul;13(7):548–55

Protection of indwelling vascular catheters: incidence of bacterial contamination and catheter–related sepsis. Ricard P, et al. **Crit Care Med** 1985 Jul;13(7):541–3

Developing criteria for the selection of packaging materials. Smith PM. **Infect Control** 1984 Sep;5(9):445–6

Clinical use and bacteriological studies of catheter contamination sleeves. Baele P, et al. **Intensive Care Med** 1984;10(6):297–300

Bacterial transport within and among various teatcup and cluster assemblies during milking. Magee C, et al. **J Dairy Sci** 1984 Sep;67(9):2034–40

Studies on the microbiological safety of the valved side–port of the 'Venflon' cannula. Cheesbrough JS, et al. **J Hosp Infect** 1985 Jun;6(2):201–8

Allergy testing of multiple patients with a common syringe [letter] Koepke JW, et al. **N Engl J Med** 1984 Nov 1; 311(18):1188–9

Infection in the pediatric intensive care unit. How to minimize the risk. Clendenen WW, et al. **Postgrad Med** 1985 Mar;77(4):139–42, 147–8

EQUIPMENT DESIGN

see related

DENTAL PROSTHESIS DESIGN
PROSTHESIS DESIGN

Release of residual material during needle cutting. Binley RJ, et al. **Am J Infect Control** 1984 Oct;12(5):282–8

Toward the design of an optimal filter for enhancement of dichromat monocular chromatic discrimination. Richer SP, et al. **Am J Optom Physiol Opt** 1985 Feb;62(2):105–10

Static rear stability of conventional and lightweight variable–axle–position wheelchairs. Loane TD, et al. **Arch Phys Med Rehabil** 1985 Mar;66(3):174–6

Proper use of metered dose inhalers [letter] **Chest** 1985 Jul; 88(1):158–60

Piggy–back fitting of contact lenses. Baldone JA. **CLAO J** 1985 Apr–Jun;11(2):130–4

Design considerations for a fluorophotometer for ocular research. Munnerlyn CR, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(4–5):209–11

Development of a coding system for pacemakers. Irnich W. **PACE** 1984 Sep;7(5):882–901

Metallurgic and design development in response to mechanical dysfunction of Björk–Shiley heart valves. Björk VO. **Scand J Thorac Cardiovasc Surg** 1985;19(1):1–12

STANDARDS

Constraints on the development of a new medical device for use in man. Annis D. **J Med Eng Technol** 1984 May–Jun; 8(3):115–7

The monostrut strength. Björk VO, et al. **Scand J Thorac Cardiovasc Surg** 1985;19(1):13–9

EQUIPMENT FAILURE

PCB exposure from fluorescent lights [letter] Harris MG. **Am J Public Health** 1985 Aug;75(8):892

An unusual source of error [letter] Goldberg M, et al. **Anesth Analg** 1985 Jun;64(6):652

Hypoxemia during cardiopulmonary bypass from leaks in the gas supply system [letter] Gravlee GP, et al. **Anesth Analg** 1985 Jun;64(6):649–50

A potential cause (and cure) of a major gas leak [letter] Jablonski J, et al. **Anesthesiology** 1985 Jun;62(6):842–3

Nonsurgical removal of a kinked right coronary catheter. Patel R, et al. **Angiology** 1984 Sep;35(9):601–3

Breakage of alligator forceps in transbronchial biopsy [letter] **Chest** 1985 Jul;88(1):156–7

Catheter measurement of mixed venous oxygen saturation [letter] Bailly R, et al. **Crit Care Med** 1985 Aug;13(8):695

Cricothyroid puncture of an undeflatable endotracheal tube cuff [letter] Guntupalli KK, et al. **Crit Care Med** 1984 Oct; 12(10):924

Frequency of wedge pressure errors in the ICU. Morris AH, et al. **Crit Care Med** 1985 Sep;13(9):705–8

Evaluation of ventilator alarms. **J Med Eng Technol** 1984 Nov–Dec;8(6):270–6

Analytical assessment of Broviac catheter occlusion. Fleming CR, et al. **JPEN J Parenter Enteral Nutr** 1985 May–Jun; 9(3):314–6

The fractured prosthetic component [letter] Bloch B. **Med J Aust** 1985 Jan 7;142(1):80

Reporting the failure of medical devices [letter] Kossovsky N, et al. **N Engl J Med** 1985 Feb 14;312(7):447

Metallurgic and design development in response to mechanical dysfunction of Björk–Shiley heart valves. Björk VO. **Scand J Thorac Cardiovasc Surg** 1985;19(1):1–12

[Functional disorders of chamber demand (VVI) and sequential AV (DDD) pacemakers caused by muscle potentials] Gerckens U, et al. **Dtsch Med Wochenschr** 1985 Aug 16;110(33):1245–8 (Eng. Abstr.) (Ger)

[Analysis of the reasons for the rejection of radiographic films in radiodiagnosis] Belletti S, et al. **Radiol Med (Torino)** 1984 Jan–Feb;70(1–2):46–9 (Eng. Abstr.) **(Ita)**

EQUIPMENT SAFETY

The fire hazard of carbon dioxide laser surgery [letter] Ehrlich WV, et al. **Am J Ophthalmol** 1984 Dec 15; 98(6):817–8

Smoke detector legislation: its effect on owner–occupied homes. McLoughlin E, et al. **Am J Public Health** 1985 Aug;75(8):858–62

Seating patterns on the Washington, DC Metro Rail System. Trinkoff AM. **Am J Public Health** 1985 Jun;75(6):657–8

Evaluation of silicone elastomer catheters for long–term intravenous chemotherapy. Legha SS, et al. **Arch Intern Med** 1985 Jul;145(7):1208–11

Static rear stability of conventional and lightweight variable–axle–position wheelchairs. Loane TD, et al. **Arch Phys Med Rehabil** 1985 Mar;66(3):174–6

Medical device hazard reports required. **Hospitals** 1985 Mar 16;59(6):76

Evaluation of sealed containers for use in centrifuges by a dynamic microbiological test method. Harper GJ. **J Clin Pathol** 1984 Oct;37(10):1134–9

The problem of obsolescent and aging medical devices. Jennings RG. **J Med Eng Technol** 1984 May–Jun; 8(3):99–100

Perspectives on electrical equipment used in oxygen–enriched atmospheres. Lipschultz A, et al. **Med Instrum** 1984 Jul–Aug;18(4):239–44

Perspectives on electrical equipment used in oxygen–enriched atmospheres [letter] Raber MB. **Med Instrum** 1984 Nov–Dec;18(6):336

Role of the FDA in regulating the safety of anesthesia equipment. Veale JR. **Med Instrum** 1985 May–Jun; 19(3):127–9

EQUIVALENCY, THERAPEUTIC see **THERAPEUTIC EQUIVALENCY**

ERABUTOXINS see under **HYDROPHID VENOMS**

ERCP see **CHOLANGIOPANCREATOGRAPHY, ENDOSCOPIC RETROGRADE**

EREMOTHECIUM see under **ASCOMYCETES**

ERGASTOPLASM see **ENDOPLASMIC RETICULUM**

ERGOBASIN see **ERGONOVINE**

ERGOCALCIFEROL

Vitamin D2–induced arteriosclerosis in spontaneously hypertensive rats and protection by diltiazem, a calcium antagonist. Iwasaki HO, et al. **Nippon Juigaku Zasshi** 1984 Jun;46(3):323–30

ADMINISTRATION & DOSAGE

25–Hydroxyvitamin D and 1,25–dihydroxyvitamin D of D2 and D3 origin in maternal and umbilical cord serum after vitamin D2 supplementation in human pregnancy. Markestad T, et al. **Am J Clin Nutr** 1984 Nov;40(5):1057–63

The relations between vitamin D2 and D3 in the diet and plasma 25OHD2 and 25OHD3 in elderly women in Great Britain. Newton HM, et al. **Am J Clin Nutr** 1985 Apr; 41(4):760–4

Absorption, dosage, and effect on mineral homeostasis of 25–hydroxycholecalciferol in premature infants: comparison with 400 and 800 IU vitamin D2 supplementation. Hillman LS, et al. **J Pediatr** 1985 Jun; 106(6):981–9

ADVERSE EFFECTS

[Major hypercalcemia caused by Catarluse] Gabry AL, et al. **Bull Soc Ophtalmol Fr** 1984 Feb;84(2):145–6 (Eng. Abstr.) **(Fre)**

ANALOGS & DERIVATIVES

The relations between vitamin D2 and D3 in the diet and plasma 25OHD2 and 25OHD3 in elderly women in Great Britain. Newton HM, et al. **Am J Clin Nutr** 1985 Apr; 41(4):760–4

25–Hydroxyvitamin D2 and 25–hydroxyvitamin D3 as measured by liquid chromatography and by competitive protein binding [letter] Bruton J, et al. **Clin Chem** 1985 May;31(5):783–4

Magnesium administration reverses the hypocalcaemia secondary to hypomagnesaemia despite low circulating levels of 25–hydroxyvitamin D and 1,25–dihydroxy vitamin D. Fuss M, et al. **Clin Endocrinol (Oxf)** 1985 Jun; 22(6):807–15

Biological activity of 1 alpha,25–dihydroxyergocalciferol in rachitic chicks and in rats. Rambeck WA, et al. **Int J Vitam Nutr Res** 1984;54(2–3):135–9

Evidence that 1,25–dihydroxyvitamin D3 inhibits the hepatic production of 25–hydroxyvitamin D in man. Bell NH, et al. **J Clin Invest** 1984 Oct;74(4):1540–4

Antirachitic activity of 1 alpha–hydroxyergocalciferol and 1 alpha–hydroxycholecalciferol in rats. Sjöden G, et al. **J Nutr** 1984 Nov;114(11):2043–6

Vitamin D metabolites in adolescents and young adults with cystic fibrosis: effects of sun and season. Reiter EO, et al. **J Pediatr** 1985 Jan;106(1):21–6

1 alpha–Hydroxyvitamin D2 is less toxic than 1 alpha–hydroxyvitamin D3 in the rat. Sjöden G, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):432–6

Measurement of 25–hydroxyvitamin D3 and 25–hydroxyvitamin D2 in clinical settings. Hummer L, et al. **Scand J Clin Lab Invest** 1984 Nov;44(7):595–601

A simple method for generation of antibodies with specificity for 1,25–dihydroxyergocalciferol and 1,25–dihydroxycholecalciferol. Clemens TL, et al. **Steroids** 1983 Nov;42(5):503–9

25–Hydroxyvitamin D concentrations in equine serum. Smith BS, et al. **Vet Rec** 1984 Dec 1;115(22):579

ANALYSIS

Liquid chromatographic determination of vitamins D2 and D3 in fortified milk and infant formulas. Landen WO Jr. **J Assoc Off Anal Chem** 1985 Mar–Apr;68(2):183–7

Degradation of crystalline ergocalciferol [vitamin D2, (3 beta,5Z,22E)–9,10–secoergosta–5,7,10(19),22–tetraen–3–ol] Stewart BA, et al. **J Pharm Sci** 1984 Sep; 73(9):1322–3

[Relation between the physical binding state and sensitivity to the impact of active substances] Hüttenrauch R, et al. **Pharmazie** 1984 Oct;39(10):710 **(Ger)**

BLOOD

Different metabolism of vitamin D2 and vitamin D3 in epileptic patients on carbamazepine. Tjellesen L, et al. **Acta Neurol Scand** 1985 May;71(5):385–9

Evaluation of the total fetomaternal vitamin D relationships at term: evidence for racial differences. Hollis BW, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):652–7

No diurnal variations in calcitonin and vitamin D2 [letter] Manolagas SC, et al. **N Engl J Med** 1985 Jan 10; 312(2):122–3

METABOLISM

Vitamin D utilization status in chronic alcoholic patients. Majumdar SK. **Drug Alcohol Depend** 1984 Sep;14(1):93–6

PHARMACODYNAMICS

Skeletal challenge: an experimental study of pharmacologically induced changes in bone density in the distal radius, using gamma–ray computed tomography. Hangartner TN, et al. **Calcif Tissue Int** 1985 Jan;37(1):19–24

PHYSIOLOGY

Vitamin D–dependent rickets type II. Defective induction of 25–hydroxyvitamin D3–24–hydroxylase by 1,25–dihydroxyvitamin D3 in cultured skin fibroblasts. Gamblin GT, et al. **J Clin Invest** 1985 Mar;75(3):954–60

POISONING

Vitamin D metabolism in patients intoxicated with ergocalciferol. Mawer EB, et al. **Clin Sci** 1985 Feb; 68(2):135–41

Effect of alkali on metastatic calcification produced by hypervitaminosis D. Naheed G, et al. **JPMA** 1984 Nov; 34(11):345–8

THERAPEUTIC USE

Different actions of vitamin D2 and D3 on bone metabolism in patients treated with phenobarbitone/phenytoin. Tjellesen L, et al. **Calcif Tissue Int** 1985 May;37(3):218–22

Treatment with high–dose oral vitamin D2 in patients with jejunoileal bypass for morbid obesity. Effects on calcium and magnesium metabolism, vitamin D metabolites, and faecal lag time. Charles P, et al. **Scand J Gastroenterol** 1984 Nov;19(8):1031–8

[Hypoparathyroidism. Experiences with long term treatment with ergocalciferol] Laursen LS, et al. **Ugeskr Laeger** 1985 Mar 4;147(10):870–3 (Eng. Abstr.) **(Dan)**

[Antiallergic effect of oral calcium. A clinico–experimental study] Haas PJ. **Fortschr Med** 1985 Mar 28;103(12):328–30 (Eng. Abstr.) **(Ger)**

[Controlling renal osteopathy with keto acids] Schmicker R, et al. **Z Urol Nephrol** 1984 Nov;77(11):661–70 (Eng. Abstr.) **(Ger)**

TOXICITY

Ultrastructural changes in aortic arch of spontaneously hypertensive rats loaded with cholesterol and vitamin D2. Doi K, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):559–64

The comparative toxicity of vitamin D metabolites in the weanling mouse. Crocker JF, et al. **Toxicol Appl Pharmacol** 1985 Aug;80(1):119–26

[Effect of vitamin D2 on the serum concentration of various hepatic enzymes in rats] Cañada de Zunzunegui M, et al. **Acta Cient Venez** 1984;35(2):107–10 (Eng. Abstr.) **(Spa)**

ERGOLINES

Systemic and carotid haemodynamics and plasma renin activity during deliberate hypotension in dogs: a comparison of sodium nitroprusside with nicergoline. Pinaud ML, et al. **Eur J Anaesthesiol** 1984 Mar;1(1):21–9

Differential effects of 5–hydroxytryptaminergic antagonists upon apomorphine– and lergotrile–induced hypothermia and stereotyped behaviour in rats. Wade RL, et al. **J Pharm Pharmacol** 1984 Oct;36(10):673–6

ADMINISTRATION & DOSAGE

[Lactation inhibition with various dosages of lisuride––prolactin secretion and effectiveness] Strahl HJ, et al. **Zentralbl Gynakol** 1985;107(5):300–3 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

Psychotic reactions during treatment of pituitary tumours with dopamine agonists. Turner TH, et al. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1101–3

ANTAGONISTS & INHIBITORS

The dopamine D–1 antagonist SCH 23390 inhibits apomorphine but not pergolide induced rotation. Herrera–Marschitz M, et al. **Acta Physiol Scand** 1984 Nov; 122(3):427–8

CHEMICAL SYNTHESIS

[Synthesis of glycosides and sugar orthoesters of 9,10–dihydrolysergol] Seifert K, et al. **Arch Pharm (Weinheim)** 1984 Jul;317(7):577–83 (Eng. Abstr.) **(Ger)**

METABOLISM

Pharmacokinetics and pharmacodynamics of the ergot derivative, transdihydrolisuride, in man. Krause W, et al. **Eur J Clin Pharmacol** 1984;27(3):335–9

The pharmacokinetics and biotransformation of 14C–lisuride hydrogen maleate in rhesus monkey and in man. Hümpel M, et al. **Eur J Drug Metab Pharmacokinet** 1984 Oct–Dec; 9(4):347–57

Mesulergine, a selective serotonin–2 ligand in the rat cortex, does not label these receptors in porcine and human cortex: evidence for species differences in brain serotonin–2 receptors. Pazos A, et al. **Eur J Pharmacol** 1984 Nov 27; 106(3):531–8

Role of the delta 8 double bond of agroclavine in lysergic acid amide biosynthesis by Claviceps purpurea. Willingale J, et al. **Experientia** 1985 Aug 15;41(8):1051–2

Pharmacokinetics and bioavailability of metergoline in healthy volunteers after single i.v. and oral administration. Martini A, et al. **Int J Clin Pharmacol Res** 1983;3(1):27–34

[Comparison of the biological availability of retard and non–retard lisuride tablets in dogs] Lapka R, et al. **Cesk Farm** 1985 Feb;34(1):3–6 (Eng. Abstr.) **(Cze)**

PHARMACODYNAMICS

On some central effects of elymoclavine. Roussinov K, et al. **Acta Physiol Pharmacol Bulg** 1984;10(4):28–35

Influence of lisuride, a dopaminergic agonist, on the sexual function of male patients with chronic renal failure. Ruilope L, et al. **Am J Kidney Dis** 1985 Mar;5(3):182–5

Hypotensive action and alpha–adrenolytic properties of a new dopaminergic agonist, CU 32–085, in the rat. Morales–Olivas FJ, et al. **Arch Int Pharmacodyn Ther** 1984 Nov;272(1):71–8

Involvement of peripheral dopamine receptors in the antihypertensive effect of a new ergoline derivative (355/1057). Salvati P, et al. **Arch Int Pharmacodyn Ther** 1985 Apr;274(2):291–304

Effects of serotonergic and cholinergic antagonists on suckling behavior of neonatal, infant, and weanling rat pups. Ristine LA, et al. **Behav Neural Biol** 1984 Jul; 41(2):99–126

Blockade of a 5–hydroxytryptophan–induced animal model of depression with a potent and selective 5–HT2 receptor antagonist (LY53857). Hingtgen JN, et al. **Biol Psychiatry** 1985 Jun;20(6):592–7

On the pharmacology of the ergot alkaloid elymoclavine. Petkov V, et al. **Biomed Biochim Acta** 1984;43(11):1305–16

Vasomotor responses of cerebral arterioles in situ to putative dopamine receptor agonists. Edvinsson L, et al. **Br J Pharmacol** 1985 Jun;85(2):403–10

Time course of the changes in striatal acetylcholine levels induced by pergolide and haloperidol after lesion of the nigrostriatal dopaminergic pathways in the rat. Fage D, et al. **Brain Res** 1984 Sep 24;310(2):379–83

Central dopamine agonist activity on the 8–alpha–amino–ergoline CU 32–085. Fuxe K, et al. **Brain Res** 1985 Mar 4;328(2):325–32

Evidence that striatal efferents relate to different dopamine receptors. Herrera–Marschitz M, et al. **Brain Res** 1984 Dec 10;323(2):269–78

Mesulergine, a new dopamine agonist: effects on anterior pituitary function and kinetics. Borges JL, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):696–703

Sustained ventricular unloading action of the alpha–adrenergic antagonist nicergoline in the dog. Payen DM, et al. **Crit Care Med** 1985 Aug;13(8):656–60

Comparative study of the effects of lisuride and pimozide on the preovulatory surge of FSH, LH and prolactin in rat. Kun I, et al. **Endocrinologie** 1984 Jul–Sep;22(3):177–82

The effect of lisuride hydrogen maleate on anterior pituitary hormones, oestradiol and cortisol in normal and hyperprolactinaemic women. Koizumi K, et al.

Eur J Obstet Gynecol Reprod Biol 1985 Jul;20(1):19-26

Myometrial responses in situ to nicergoline, acebutolol, phentolamine and noradrenaline of the rat in proestrus. Acritopoulou-Fourcroy S, et al. **Eur J Pharmacol** 1984 Dec 15;107(1):59-64

Antagonism by lisuride and 8-OH-DPAT of 5-HTP-induced prolongation of the performance of male rat sexual behavior. Ahlenius S, et al. **Eur J Pharmacol** 1985 Apr 16;110(3):379-81

Effect of the dopamine D-1 antagonist SCH 23390 on rotational behaviour induced by apomorphine and pergolide in 6-hydroxy-dopamine denervated rats. Herrera-Marschitz M, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):349-54

TL 333, a benzhydro[g]quinoline, stimulates both D-1 and D-2 dopamine receptors: implications for the selectivity of LY 141865 towards the D-2 receptor. Itoh Y, et al. **Eur J Pharmacol** 1985 Jan 15;108(1):[illegible]-101

The ergolene derivative MPME induces in the rat a behavioural syndrome associated with activation of dopamine D-1 receptors belonging to the dotted type of forebrain dopamine nerve terminals. Ogren SO, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):79-89

Pergolide mesylate inhibits exercise-induced prolactin release in man. De Meirleir K, et al. **Fertil Steril** 1985 Apr;43(4):628-31

Enhancement of the cyclic motor activity of the ovine small intestine by lysergic acid derivatives. Mechanism and significance. Ruckebusch Y. **Gastroenterology** 1984 Nov;87(5):1049-55

Effect of metergoline on prolactin, follicle stimulating hormone, luteinizing hormone and thyroid stimulating hormone response to TRH and LHRH in normal men and women. Sartani A, et al. **Horm Metab Res** 1984 Oct;16(10):535-8

Evaluation of the effects of SKF 82526 and LY 171555 on presynaptic (DA2) and postsynaptic (DA1) dopamine receptors in rat kidney. Lokhandwala MF, et al. **J Auton Pharmacol** 1984 Dec;4(4):273-7

Alpha 2-agonist activity of the dopamine DA2-agonist LY171555. Cohen ML, et al. **J Cardiovasc Pharmacol** 1984 Nov-Dec;6(6):1245-8

Attenuation by pergolide of haloperidol-induced striatal dopamine receptor density. Koller WC. **J Clin Psychopharmacol** 1984 Dec;4(6):343-5

Octahydrobenzo[g]quinolines: potent dopamine agonists which show the relationship between ergolines and apomorphine. Nordmann R, et al. **J Med Chem** 1985 Mar;28(3):367-75

Dopaminergic properties of mesulergine (CU 32-085) and its metabolites. Enz A, et al. **J Neural Transm** 1984;60(3-4):225-38

Decrease in hypothalamic epinephrine concentration and other neurochemical changes produced by quinpirole, a dopamine agonist, in rats. Fuller RW, et al. **J Neural Transm** 1985;61(3-4):161-73

Pergolide elevation of MHPG sulphate concentration in rat hypothalamus blocked by spiperone and mimicked by other dopamine agonists. Fuller RW, et al. **J Pharm Pharmacol** 1985 Apr;37(4):268-70

Relative selectivity of 6,7-dihydroxy-2-dimethylaminotetralin, N-n-propyl-3-(3-hydroxyphenyl)piperidine, N-n-propylnorapomorphine and pergolide as agonists at striatal dopamine autoreceptors and postsynaptic dopamine receptors. Claustre Y, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):519-25

TL-350, an ergoline derivative with dopamine receptor agonist properties. Ilhan M, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):56-60

Hyperactivity induced by stimulation of separate dopamine D-1 and D-2 receptors in rats with bilateral 6-OHDA lesions. Arnt J. **Life Sci** 1985 Aug 26;37(8):717-23

Novel 8 alpha-ergolines with inhibitory and stimulatory effects on prolactin secretion in rats. Wachtel H, et al. **Life Sci** 1984 Oct 29;35(18):1859-67

GABAergic influence on the effects of elymoclavine on exploratory behaviour of rats in open field. Georgiev V, et al. **Methods Find Exp Clin Pharmacol** 1984 Aug;6(8):423-7

Inhibitory effects of apomorphine and pergolide on neurogenic vasoconstriction in the hindquarters of the rat. Dupont AG, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr;329(2):146-51

In vivo and in vitro dopaminergic effects of three ergoline fragments. Koons JC, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Dec;328(2):180-5

Tolerance to some behavioural effects of lisuride, a dopamine receptor agonist, and reverse tolerance to others, after repeated administration. Carruba MO, et al. **Neuropharmacology** 1985 Mar;24(3):199-206

Central dopamine receptors mediating pergolide-induced elevation of serum corticosterone in rats. Characterization by the use of antagonists. Fuller RW, et al. **Neuropharmacology** 1984 Dec;23(12A):1389-94

Presynaptic dopaminergic agonists modify brain glucose metabolism in a way similar to the neuroleptics. Palacios JM, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):223-9

Evidence for a direct dopaminergic effect of lisuride. Schechter MD. **Pharmacol Biochem Behav** 1984 Aug;21(2):18[illegible]

Serotonin involvement in lisuride-induced mounting and in sleep. Da Prada M, et al. **Pharmacopsychiatry** 1985 Mar;18(2):202-8

Differences in the response pattern of aged female rats to treatment with lergotrile mesylate. Wiggins C, et al. **Proc Soc Exp Biol Med** 1985 Jun;179(2):173-9

Lisuride, LY-141865, and 8-OH-DPAT facilitate male rat sexual behavior via a non-dopaminergic mechanism. Ahlenius S, et al. **Psychopharmacology (Berlin)** 1984;83(4):330-4

Differential involvement of dopamine D-1 and D-2 receptors in the circling behaviour induced by apomorphine, SK & F 38393, pergolide and LY 171555 in 6-hydroxydopamine-lesioned rats. Arnt J, et al. **Psychopharmacology (Berlin)** 1985;85(3):346-52

Locomotor effects of lisuride: a consequence of dopaminergic and serotonergic actions. Fink H, et al. **Psychopharmacology (Berlin)** 1985;85(4):464-8

Effect of metergoline on human anxiety. Graeff FG, et al. **Psychopharmacology (Berlin)** 1985;86(3):334-8

Effects of 8-OH-DPAT, lisuride and some ergot-related compounds on the acoustic startle response in the rat. Svensson L. **Psychopharmacology (Berlin)** 1985;85(4):469-75

Activation of accumbal and striatal dopamine autoreceptors by some ergoline derivatives. Gundlach AL, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr;48(1):149-52

The effect of nicergoline on the lower urinary tract muscle. Caine M, et al. **Urol Res** 1984;12(6):287-90

[Plasma renin activity and prostaglandin E2 in hypotension induced by nicergoline] Pinaud M, et al. **Ann Fr Anesth Reanim** 1985;4(3):258-63 (Eng. Abstr.) **(Fre)**

[Relaxing effect of nicergoline on the female urethra in peripheral neurogenic vesicosphincter dysfunctions] Galas JM, et al. **J Urol (Paris)** 1984;90(8-9):563-5 (Eng. Abstr.) **(Fre)**

[Agents to improve cerebrovascular circulation and cerebral metabolism--lisuride] Yamaguchi T. **Nippon Rinsho** 1985 Feb;43(2):397-401 (37 ref.) **(Jpn)**

THERAPEUTIC USE

Metergoline as an alternative to bromocriptine in amenorrhoea. Hicks BH, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):439-44

The long-acting dopamine agonist pergolide mesylate for treatment of hyperprolactinaemia. Bergh T, et al. **Acta Eur Fertil** 1984 Nov-Dec;15(6):421-4

Mesulergine (CU32-085) in the treatment of Parkinson's disease. Pfeiffer RF, et al. **Ann Neurol** 1985 Apr;17(4):334-6

Intolerance of bromocriptine: is metergoline a satisfactory alternative? Casson IF, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1783-4

The effect of a new ergoline derivative, CU 32-085, in the treatment of acromegaly. A controlled study. Eskildsen PC, et al. **Clin Endocrinol (Oxf)** 1985 Feb;22(2):189-200

Comparison of the clinical activity of mesulergine and pergolide in the treatment of hyperprolactinaemia. Grossman A, et al. **Clin Endocrinol (Oxf)** 1985 May;22(5):611-6

The effect of dopamine agonist therapy on large functionless pituitary tumours. Grossman A, et al. **Clin Endocrinol (Oxf)** 1985 May;22(5):679-86

Long-term use of dopamine agonists in Parkinson's disease. Jankovic J. **Clin Neuropharmacol** 1985;8(2):131-40 (51 ref.)

The pharmacology of mesulergine. Pfeiffer RF. **Clin Neuropharmacol** 1985;8(1):64-72 (35 ref.)

Mechanism of action and tolerance of mesulergine. Lamberts SW, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):620-7

Urinary excretion of free catecholamines in long-term treatment with dopaminergic agonists. Marek J, et al. **Exp Clin Endocrinol** 1984 Oct;84(2):183-90

Elevation of high density lipoproteins in acromegalics after lisuride treatment. Hainer V, et al. **Horm Metab Res** 1985 Apr;17(4):220-1

Lisuride as a migraine prophylactic in children: an open clinical trial. Del Bene E, et al. **Int J Clin Pharmacol Res** 1983;3(2):137-41

Effect of short and long-term administration of lisuride in Cushing's disease. Boscaro M, et al. **J Endocrinol Invest** 1985 Feb;8(1):13-7

Effect of the new ergot derivative terguride on plasma PRL and GH levels in patients with pathological hyperprolactinemia or acromegaly. Dallabonzana D, et al. **J Endocrinol Invest** 1985 Apr;8(2):147-51

Pergolide therapy in Parkinson's disease. Jeanty P, et al. **J Neurol** 1984;231(3):148-52

Three-year observation of mesulergine (CU 32-085) in advanced and newly treated parkinsonism. Schneider E, et al. **J Neurol** 1985;232(1):24-8

Low doses of dopamine agonists in the long-term treatment of macroprolactinomas. Liuzzi A, et al. **N Engl J Med** 1985 Sep 12;313(11):656-9

Reversal of sleep disturbance in Parkinson's disease by antiparkinsonian therapy: a preliminary study. Askenasy JJ, et al. **Neurology** 1985 Apr;35(4):527-32

Parkinson's disease: a comparison of mesulergine and bromocriptine. Burton K, et al. **Neurology** 1985 Aug;35(8):1205-8

Double-blind trial of pergolide for Parkinson's disease. Diamond SG, et al. **Neurology** 1985 Mar;35(3):291-5

Chronic agonist therapy for Parkinson's disease: a 5-year study of bromocriptine and pergolide. Goetz CG, et al. **Neurology** 1985 May;35(5):749-51

Long-term study of pergolide in Parkinson's disease. Jankovic J. **Neurology** 1985 Mar;35(3):296-9

Placebo-controlled study of mesulergine in Parkinson's disease. Jankovic J, et al. **Neurology** 1985 Feb;35(2):161-5

Long-term experience with pergolide therapy of advanced parkinsonism. Kurlan R, et al. **Neurology** 1985 May;35(5):738-42

Lisuride treatment of focal dystonias. Nutt JG, et al. **Neurology** 1985 Aug;35(8):1242-3

Lisuride in dystonia. Quinn NP, et al. **Neurology** 1985 May;35(5):766-9

Pergolide mesylate: lack of cardiac toxicity in patients with cardiac disease. Tanner CM, et al. **Neurology** 1985 Jun;35(6):918-21

Initial treatment of parkinsonism with 8-alpha-amino-ergoline. Teräväinen H, et al. **Neurology** 1985 Jan;35(1):83-7

The dopamine D2 agonist LY 141865, but not the D1 agonist SKF 38393, reverses parkinsonism induced by 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) in the common marmoset. Nomoto M, et al. **Neurosci Lett** 1985 Jun 4;57(1):37-41

Nicergoline in the treatment of neuropathic bladder dysfunction: a preliminary report. Gallego J, et al. **Paraplegia** 1984 Aug;22(4):216-24

[Clinical study of pergolide in Parkinson's disease] Gonce M, et al. **Presse Med** 1985 Jun 29;14(26):1409-11 (Eng. Abstr.) **(Fre)**

[Favorable effect of nicergoline on pruritus in chronic hemodialysis patients. Role of a hyper-alpha-adrenergic system? (letter)] Rivory JP, et al. **Presse Med** 1984 Dec 8;13(44):2703 **(Fre)**

[Nicergoline and cerebral performance insufficiency. Observations in 1 year treatment controls] Kugler J, et al. **Fortschr Med** 1984 Nov 15;102(42):1091-6 (Eng. Abstr.) **(Ger)**

[Contribution to the treatment of headache with lisuride] Lazzaroni A, et al. **Clin Ter** 1984 Jun 15;109(5):433-9 (Eng. Abstr.) **(Ita)**

[Buflomedil and nicergoline in the targeted treatment of acute cerebral ischemia. Randomized comparative double blind study] Bossi L. **Minerva Med** 1985 May 19;76(21):1005-18 (Eng. Abstr.) **(Ita)**

[Recent advances in brain metabolic activators] Ohtomo E. **No To Shinkei** 1984 Jul;36(7):619-32 (33 ref.) **(Jpn)**

[Use of nicergoline (Sermion) in the treatment of migraine] Prusiński A, et al. **Wiad Lek** 1984 Mar 15;37(6):420-2 (Eng. Abstr.) **(Pol)**

[Therapeutic possibilities of nicergoline in neurogenic bladder dysfunction] Gallego Gómez J, et al. **Arch Esp Urol** 1985 Mar-Apr;38(2):175-90 (Eng. Abstr.) **(Spa)**

ERGOLOID MESYLATE see **DIHYDROERGOTOXINE**

ERGOMETRIN see **ERGONOVINE**

ERGOMETRINE see **ERGONOVINE**

ERGONOMICS see **HUMAN ENGINEERING**

ERGONOVINE

ADVERSE EFFECTS

Bronchospasm following ergometrine testing for coronary spasm [letter] Talwar KK, et al. **Am Heart J** 1985 Jun;109(6):1415

Ergometrine and death from acid aspiration [letter] Crawford JS. **Anaesthesia** 1985 May;40(5):498-9

Large bowel infarction and ergometrine: a possible relationship. Sheehan SJ, et al. **Ir J Med Sci** 1985 May;154(5):201-2

ANALOGS & DERIVATIVES

Prolonged coronary vasoconstrictor effect of ergonovine maleate. Kurnik PB, et al. **Cathet Cardiovasc Diagn** 1984;10(4):353-61

Improvement by ergonovine of sperm transport, fertilization and pregnancy rates in ewes in natural or prostaglandin-induced estrus. Hawk HW, et al. **J Anim Sci** 1984 Sep;59(3):754-63

Ergometrine-provoked coronary vasospasm on angiography without angina or ischaemia on ECG. A case report. Przybojewski JZ, et al. **S Afr Med J** 1984 Oct 20;66(16):619-22

Ergonovine-induced chest pain not due to coronary or esophageal spasm [letter] Bergeron GA, et al. **West J Med** 1984 Aug;141(2):245-6

DIAGNOSTIC USE

Value of noninvasive assessment of patients with atypical chest pain and suspected coronary spasm using ergonovine infusion and thallium-201 scintigraphy. DiCarlo LA Jr, et al. **Am J Cardiol** 1984 Oct 1;54(7):744-8

Ergonovine provocative testing: a double catheter technique [letter] Abeytua M, et al. **Cathet Cardiovasc Diagn** 1985;11(3):335

[Prognostic value of coronary spasm threshold determined by the ergometrine test] Bory M, et al. **Arch Mal Coeur** 1984 Dec;77(13):1462-7 (Eng. Abstr.) **(Fre)**

[Guidelines for the execution of drug tests in the diagnosis and evaluation of ischemic cardiopathy. I] **G Ital Cardiol** 1984 Jun;14(6):446-53 **(Ita)**

PHARMACODYNAMICS

Effects of angiotensin and ergonovine on large and small coronary arteries in the intact dog. Brum JM, et al. **Basic Res Cardiol** 1985 May-Jun;80(3):333-42

Myocardial ischaemia produced by ergonovine-induced vasoconstriction during preexisting coronary stenosis: experimental conditions for the geometric theory. Yokoyama M, et al. **Cardiovasc Res** 1985 Apr;19(4):237-48

Effects of ergometrine on airway smooth muscle contractile responses. Louie S, et al. **Clin Allergy** 1985 Mar;15(2):173-8

Catecholamine release in coronary sinus during vasospastic angina induced by ergonovine. Mezzetti A, et al. **G Ital Cardiol** 1984 Dec;14(12):1122-6

Effect of prostaglandin F2 alpha, phenylephrine and ergonovine on uterine contractions in the ewe. Hawk HW, et al. **J Anim Sci** 1985 Feb;60(2):537-43

Effect of ergometrine on methamphetamine and apomorphine stereotypy in the guinea-pig. Balsara JJ, et al. **J Pharm Pharmacol** 1985 Jul;37(7):514-7

Mechanisms of the ergonovine-induced vasoconstriction in the rabbit main coronary artery. Suyama A, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul; 326(4):357-63

THERAPEUTIC USE

[Parenteral treatment of placental retention in cows] Varadin M, et al. **Schweiz Arch Tierheilkd** 1985 Apr;127(4):279-89 (Eng. Abstr.) **(Ger)**

ERGOSTEROL

ANALOGS & DERIVATIVES

Fluorescence of delta 5,7,9(11),22-ergostatetraen-3 beta-ol in micelles, sterol carrier protein complexes, and plasma membranes. Fischer RT, et al. **Biochemistry** 1985 Jun 18; 24(13):3322-31

Withaphysalin D, a new withaphysalin from Physalis minima Linn. var. indica. Sahai M, et al. **J Nat Prod** 1984 May-Jun; 47(3):527-9

ANALYSIS

Selective oxidation of the double bonds in the 4-phenyl-1,2,4-triazoline-3,5-dione diels-alder adduct of ergosterol acetate. Piatak DM, et al. **Steroids** 1984 Jan; 43(1):93-100

BIOSYNTHESIS

Ergosterol synthesis and population analysis of a fed-batch fermentation in Saccharomyces cerevisiae. Pichová A, et al. **Folia Microbiol (Praha)** 1985;30(2):134-40

ISOLATION & PURIFICATION

[Ubiquinone-9 and ergosterol from Candida paralipolytica yeasts] Kogan LM, et al. **Prikl Biokhim Mikrobiol** 1985 Jan-Feb;21(1):78-9 (Eng. Abstr.) **(Rus)**

METABOLISM

Sterol control of the phosphatidylethanolamine-phosphatidylcholine conversion in the yeast mutant GL7. Kawasaki S, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5715-9

[Accumulation and transformation of dietary ergosterol in rats] Garbuzov AG, et al. **Vopr Pitan** 1984 Nov-Dec; (6):54-6 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Inhibition of sterol biosynthesis by ergosterol and cholesterol in Saccharomyces cerevisiae. Pinto WJ, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):89-95

ERGOT ALKALOIDS

Ergot from meadow grass in Norway--chemical composition and toxicological effects in sheep. Løken T. **Nord Vet Med** 1984 Jul-Aug;36(7-8):259-65

ANALYSIS

[Ergot alkaloids in cereals--description of an analytical method] Klug C, et al. **Z Lebensm Unters Forsch** 1984 Sep; 179(3):245-6 (Eng. Abstr.) **(Ger)**

BIOSYNTHESIS

Extracellular metabolism of sucrose in a submerged culture of Claviceps purpurea: formation of monosaccharides and clavine alkaloids. Křen V, et al. **Appl Environ Microbiol** 1984 Oct;48(4):826-9

Influence of tryptophan and related compounds on ergot alkaloid formation in Claviceps purpurea (FR.) Tul. Erge D, et al. **Z Allg Mikrobiol** 1984;24(10):667-78

PHARMACODYNAMICS

DHM 32-550 in patients with angina and normal coronary arteries: dose/response relationship. Handler CE, et al. **Eur J Clin Pharmacol** 1984;27(2):131-3

THERAPEUTIC USE

Is DH-ergotoxine the best gerontologicum from the ergot source? Experimental comparison with individual components. Grossmann V, et al. **Act Nerv Super (Praha)** 1984 Sep;26(3):195-201

Role of drugs in recovery of metabolic function of rat brain following severe hypoglycemia. Benzi G, et al. **Neurochem Res** 1984 Jul;9(7):979-92

ERGOT FUNGUS see **CLAVICEPS**

ERGOTAMINE

Ergotamine abuse and extra-hepatic portal hypertension. Fisher PE, et al. **Postgrad Med J** 1985 May;61(715):461-3

ADVERSE EFFECTS

Severe unilateral ischemia of the lower extremity caused by ergotamine: treatment with nifedipine. Dagher FJ, et al. **Surgery** 1985 Mar;97(3):369-73

[Intra-arterial infusion of SNP for peripheral ischemia caused by acute ergotism] Kaji T, et al. **Rinsho Hoshasen** 1985 May;30(5):629-32 (Eng. Abstr.) **(Jpn)**

[Peripheral arterial insufficiency and myocardial ischemia in ergotism. Report of a case and review of the literature] Amaral LT, et al. **Arq Bras Cardiol** 1984 Oct;43(4):255-8 (Eng. Abstr.) **(Por)**

ANALYSIS

[Determination of ergotamine in flour by high performance liquid chromatography] Lu FJ, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Apr;84(4):435-40 (Eng. Abstr.) **(Chi)**

BLOOD

Measurement of ergotamine in human plasma by triple sector quadrupole mass spectrometry with negative ion chemical ionization. Haering N, et al. **Biomed Mass Spectrom** 1985 May;12(5):197-9

PHARMACODYNAMICS

Potentiation of acetazolamide induced ectrodactyly in Wistar rats by vasoactive agents and physical clamping of the uterus. Ugen KE, et al. **Teratology** 1985 Apr;31(2):273-8

THERAPEUTIC USE

Drug management of adult vascular headaches (migraine and cluster headache): Part I--Treatment of the acute attack. Damasio H. **Iowa Med** 1984 Nov;74(11):490-2

ERGOTAMINE DERIVATIVES

ADVERSE EFFECTS

Reversible cerebral arteriopathy associated with the administration of ergot derivatives. Henry PY, et al. **Cephalalgia** 1984 Sep;4(3):171-8

[Renal insufficiency and ergotism (letter)] Pujadas R, et al. **Med Clin (Barc)** 1985 Feb 9;84(5):208-9 **(Spa)**

METABOLISM

Intramuscular ergotamine: plasma levels and dynamic activity. Tfelt-Hansen P, et al. **Clin Pharmacol Ther** 1985 Jan;37(1):29-35

[In vivo disposibility of caffeine and ergotamine tartrate after rectal administration] Regazzi MB, et al. **Farmaco [Prat]** 1985 Aug;40(8):259-65 (Eng. Abstr.) **(Ita)**

PHARMACODYNAMICS

Dose-response curve for the ergotamine-induced decrease of peripheral systolic blood pressure in man. Tfelt-Hansen P, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Sep; 55(3):238-41

The effect of ergot alkaloids ergosinine, dihydroergosine and dihydroergotamine on neurotransmission and contractility of the isolated ileum of the guinea-pig. Radulović S, et al. **J Pharm Pharmacol** 1984 Dec;36(12):814-9

Hemodynamic effects of two ergot derivatives in the conscious spontaneously hypertensive rat. Sušić D, et al. **Pharmacology** 1984;29(4):215-23

POISONING

Intrauterine death from ergotamine overdosage. Au KL, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 May;19(5):313-5

Ergotaminism after a single dose of ergotamine tartrate. Harrison TE. **J Emerg Med** 1984;2(1):23-5

Bilateral focal cortical atrophy and chronic ergotamine abuse. Fincham RW, et al. **Neurology** 1985 May;35(5):720-2

THERAPEUTIC USE

Acute migraine attack therapy: comparison of naproxen sodium and an ergotamine tartrate compound. Pradalier A, et al. **Cephalalgia** 1985 Jun;5(2):107-13

ERGOTISM

[Ergotism] Creutzig A, et al. **Dtsch Med Wochenschr** 1985 Sep 13;110(37):1420-2 (41 ref.) **(Ger)**

COMPLICATIONS

[Peripheral arterial insufficiency and myocardial ischemia in ergotism. Report of a case and review of the literature] Amaral LT, et al. **Arq Bras Cardiol** 1984 Oct;43(4):255-8 (Eng. Abstr.) **(Por)**

[Ergot poisoning as a cause of acute ischemia] Martínez León J, et al. **Angiologia** 1985 Mar-Apr;37(2):56-64 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

[The treatment of a patient with ergotism] Kerker JP, et al. **Ned Tijdschr Geneeskd** 1984 Oct 6;128(40):1901-4 (Eng. Abstr.) **(Dut)**

[Treatment of a patient with ergotism (letter)] Schermer BA. **Ned Tijdschr Geneeskd** 1985 Jan 12;129(2):86 **(Dut)**

[Ergot poisoning] Zimran A. et al. **Harefuah** 1984 Dec 16; 107(12):398-9 (Eng. Abstr.) **(Heb)**

[Local intra-arterial injection of reserpine in severe ischemia of the extremities—a good effect on ergotism] Almgren B, et al. **Lakartidningen** 1984 Nov 7;81(45):4160-1 (Eng. Abstr.) **(Swe)**

ETIOLOGY

Ergotaminism after a single dose of ergotamine tartrate. Harrison TE. **J Emerg Med** 1984;2(1):23-5

Bilateral focal cortical atrophy and chronic ergotamine abuse. Fincham RW, et al. **Neurology** 1985 May;35(5):720-2

Ergot from meadow grass in Norway--chemical composition and toxicological effects in sheep. Løken T. **Nord Vet Med** 1984 Jul-Aug;36(7-8):259-65

[Ergotamine-induced anal ulcer] Schaarschmidt K, et al. **Chirurg** 1984 Sep;55(9):584-8 (Eng. Abstr.) **(Ger)**

[Ergotism--a risk in the prevention of thrombosis?] Jahn R. **Zentralbl Chir** 1985;110(8):482-5 (Eng. Abstr.) **(Ger)**

[Intra-arterial infusion of SNP for peripheral ischemia caused by acute ergotism] Kaji T, et al. **Rinsho Hoshasen** 1985 May;30(5):629-32 (Eng. Abstr.) **(Jpn)**

EROTICA

Volunteer bias in erotica research: effects of intrusiveness of measure and sexual background. Wolchik SA, et al. **Arch Sex Behav** 1985 Apr;14(2):93-107

Child pornography: a hidden dimension of child abuse. Pierce RL. **Child Abuse Negl** 1984;8(4):483-93

ERUCIC ACIDS see under **FATTY ACIDS, UNSATURATED**

ERWINIA

ANALYSIS

Structure of the core oligosaccharide from lipopolysaccharide of Erwinia carotovora. Sandulache R, et al. **J Bacteriol** 1985 Mar;161(3):1226-7

ENZYMOLOGY

Cloning and expression in Escherichia coli of pectinase genes of Erwinia carotovora subsp. carotovora. Zink RT, et al. **Appl Environ Microbiol** 1985 Mar;49(3):714-7

Enzymatic synthesis of phenoxymethylpenicillin using Erwinia aroideae enzyme. Nam DH, et al. **J Antibiot (Tokyo)** 1984 Oct;37(10):1217-23

Mutants of Erwinia chrysanthemi defective in secretion of pectinase and cellulase. Andro T, et al. **J Bacteriol** 1984 Dec;160(3):1199-203

GENETICS

pULB113, an RP4::mini-Mu plasmid, mediates chromosomal mobilization and R-prime formation in Erwinia amylovora, Erwinia chrysanthemi, and subspecies of Erwinia carotovora. Chatterjee AK, et al. **Appl Environ Microbiol** 1985 Jul;50(1):1-9

Production of D- and L-xylulose by mutants of Klebsiella pneumoniae and Erwinia uredovora. Doten RC, et al. **Appl Environ Microbiol** 1985 Jan;49(1):158-62

Genetic transformation of the phytopathogenic bacteria, Erwinia chrysanthemi. Reverchon S, et al. **Biochimie** 1985 Feb;67(2):253-7

Purification of RNA polymerase and transcription-termination factor Rho from Erwinia carotovora. Nwankwo DO, et al. **Eur J Biochem** 1985 Jan 15;146(2):383-9

Cloning of the pectate lyase genes from Erwinia carotovora and their expression in Escherichia coli. Lei SP, et al. **Gene** 1985;35(1-2):63-70

Cloning of genes encoding pectolytic enzymes from a genomic library of the phytopathogenic bacterium, Erwinia chrysanthemi. Reverchon S, et al. **Gene** 1985; 35(1-2):121-30

Isolation and characterization of Tn5 insertion mutants of Erwinia chrysanthemi that are deficient in polygalacturonate catabolic enzymes oligogalacturonate lyase and 3-deoxy-D-glycero-2,5-hexodiulosonate dehydrogenase. Chatterjee AK, et al. **J Bacteriol** 1985 May; 162(2):708–14

Molecular cloning in Escherichia coli of Erwinia chrysanthemi genes encoding multiple forms of pectate lyase. Collmer A, et al. **J Bacteriol** 1985 Mar;161(3):913–20

Mu-lac insertion-directed mutagenesis in a pectate lyase gene of Erwinia chrysanthemi. Diolez A, et al. **J Bacteriol** 1985 Sep;163(3):913–7

Bacteriocin-resistant mutants of Erwinia chrysanthemi: possible involvement of iron acquisition in phytopathogenicity. Expert D, et al. **J Bacteriol** 1985 Jul; 163(1):221–7

Efficient transformation of Erwinia carotovora subsp. carotovora and E. carotovora subsp. atroseptica. Hinton JC, et al. **J Bacteriol** 1985 Feb;161(2):786–8

Molecular cloning of pectate lyase genes from Erwinia chrysanthemi and their expression in Escherichia coli. Keen NT, et al. **J Bacteriol** 1984 Sep;159(3):825–31

Cloning and characterization of recA genes froM Proteus vulgaris, Erwinia carotovora, Shigella flexneri, and Escherichia coli B/r. Keener SL, et al. **J Bacteriol** 1984 Oct;160(1):153–60

Isolation and characterization of Erwinia chrysanthemi mutants defective in degradation of hexuronates. van Gijsegem F, et al. **J Bacteriol** 1985 Feb;161(2):702–8

Cellobiose metabolism in Erwinia: genetic study. Barras F, et al. **MGG** 1984;197(3):486–90

Conjugal transfer of E. coli F'lac from Erwinia chrysanthemi to Pseudomonas syringae pv. glycinea and the apparent stable incorporation of the plasmid into the pv. glycinea chromosome. Leary JV, et al. **MGG** 1984;198(1):125–7

IMMUNOLOGY

Hypersensitivity pneumonitis in grain farmers due to sensitization to Erwinia herbicola. Dutkiewicz J, et al. **Ann Allergy** 1985 Jan;54(1):65–8

METABOLISM

Isolation of L-cycloserine from Erwinia uredovora. Shoji J, et al. **J Antibiot (Tokyo)** 1984 Oct;37(10):1198–203

Characterization of xylitol-utilizing mutants of Erwinia uredovora. Doten RC, et al. **J Bacteriol** 1985 Feb; 161(2):529–33

Lactose metabolism in Erwinia chrysanthemi. Hugouvieux-Cotte-Pattat N, et al. **J Bacteriol** 1985 Apr; 162(1):248–55

ERYSIPELAS

COMPLICATIONS

'Pseudoerysipelas' in a child with Turner's syndrome. Randolph C, et al. **Clin Pediatr (Phila)** 1985 Jan;24(1):34–6

[The importance of local factors in recurrent erysipelas] Stöberl C. **Z Hautkr** 1985 May 1;60(9):712, 715–8, 721–3 (Eng. Abstr.) **(Ger)**

[Abdominal syndrome in erysipelas complicated by myocarditis] Taranenko AP, et al. **Klin Khir** 1985;(6):65 **(Rus)**

[Development of elephantiasis in recurrent erysipelatous inflammation] Svirid AA, et al. **Vrach Delo** 1984 Aug; (8):87–8 **(Rus)**

DIAGNOSIS

The value of bacteriology and serology in the diagnosis of cellulitis and erysipelas. Leppard BJ, et al. **Br J Dermatol** 1985 May;112(5):559–67

[Differential diagnosis of erysipelas] Cherkasov VL, et al. **Klin Med (Mosk)** 1984 Dec;62(12):103–7 (Eng. Abstr.) **(Rus)**

[Characteristics of the clinical course of erysipelas] Suleimenova ZI, et al. **Klin Med (Mosk)** 1985 Jan; 63(1):125–8 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

The course, costs and complications of oral versus intravenous penicillin therapy of erysipelas. Jorup-Rönström C, et al. **Infection** 1984 Nov-Dec; 12(6):390–4

Prophylactic antibiotics in erysipelas [letter] Duvanel T, et al. **Lancet** 1985 Jun 15;1(8442):1401

[Possibility of increasing the efficacy of antibiotic therapy of erysipelas using combinations of methyluracil with prodigiozan] Frolov VM, et al. **Antibiot Med Biotekhnol** 1985 May;30(5):375–8 (Eng. Abstr.) **(Rus)**

[Effectiveness of prodigiozan in the complex treatment of erysipelas] Frolov VM, et al. **Klin Med (Mosk)** 1984 Aug; 62(8):123–6 (Eng. Abstr.) **(Rus)**

ETIOLOGY

[Predisposing and triggering factors in erysipelas] Santos I, et al. **Med Cutan Ibero Lat Am** 1984;12(5):399–402 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

[Use of the antibody activity inhibition test to predict erysipelas recurrences] Frolov VM, et al. **Lab Delo** 1984; (7):414–6 (Eng. Abstr.) **(Rus)**

[Persistence of the L forms of hemolytic Streptococcus group A in patients with recurrent erysipelas] Gavrilova GA, et al. **Vestn Akad Med Nauk SSSR** 1985;(3):13–7 (Eng. Abstr.) **(Rus)**

[Characteristics of the clinical course of erysipelas and various indicators of nonspecific resistance in middle-aged patients] Kriukova ZV, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):48–50 (Eng. Abstr.) **(Rus)**

[Significance of circulating immune complexes in patients with erysipelas] Frolov VM, et al. **Vrach Delo** 1985 Jun; (6):102–5 (Eng. Abstr.) **(Rus)**

METABOLISM

[Clinico-pathogenetic significance of changes in energy metabolism in patients with erysipelas and their possible correction] Frolov VM, et al. **Vrach Delo** 1985 May; (5):111–3 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Erysipelas. Changing faces. Ronnen M, et al. **Int J Dermatol** 1985 Apr;24(3):169–72

PREVENTION & CONTROL

Prophylactic antibiotics in recurrent erysipelas [letter] Bitnun S. **Lancet** 1985 Feb 9;1(8424):345

Prophylactic antibiotics in recurrent erysipelas [letter] Thind P. **Lancet** 1985 Apr 27;1(8435):986

ERYSIPELOID

DIAGNOSIS

[Current clinical picture of erysipeloid and virulence of the causative agent] Chaĭkovskiĭ V, et al. **Acta Microbiol Bulg** 1984;15:9–13 (Eng. Abstr.) **(Rus)**

ETIOLOGY

[Septic form of erysipeloid] Savchak VI. **Vestn Dermatol Venerol** 1984 Oct;(10):68–9 **(Rus)**

ERYSIPELOTHRIX

DRUG EFFECTS

Antibiotic resistance of Erysipelothrix rhusiopathiae strains isolated from pigs with acute septicemic erysipelas. Takahashi T, et al. **Nippon Juigaku Zasshi** 1984 Dec; 46(6):921–3

ENZYMOLOGY

[Effect of Erysipelothrix rhusiopathiae neuraminidase on the lymphocyte function in the rat] Kenarova B, et al. **Eksp Med Morfol** 1984;23(4):182–5 **(Bul)**

IMMUNOLOGY

Cross protection in mice and swine immunized with live erysipelas vaccine to challenge exposure with strains of Erysipelothrix rhusiopathiae of various serotypes. Takahashi T, et al. **Am J Vet Res** 1984 Oct;45(10):2115–8

[Protective medium for the lyophilization of a live vaccine against swine erysipelas--VR2] Khristova Kh, et al. **Vet Med Nauki** 1984;21(7–8):57–61 (Eng. Abstr.) **(Bul)**

ISOLATION & PURIFICATION

Erysipelothrix rhusiopathiae serotype 5 isolated from a white-tailed deer in Iowa. Bruner JA, et al. **J Wildl Dis** 1984 Jul;20(3):235–6

PATHOGENICITY

Pathogenicity of Erysipelothrix rhusiopathiae strains of serovars 1a, 3, 5, 6, 8, 11, 21, and type N isolated from slaughter pigs affected with chronic erysipelas. Takahashi T, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):1–8

[Current clinical picture of erysipeloid and virulence of the causative agent] Chaĭkovskiĭ V, et al. **Acta Microbiol Bulg** 1984;15:9–13 (Eng. Abstr.) **(Rus)**

ERYSIPELOTHRIX INFECTIONS

Erysipelothrix rhusiopathiae endocarditis: report of a case and review of the literature. Fliegelman RM, et al. **J Am Osteopath Assoc** 1985 Jan;85(1):94–7

BLOOD

[Morphological and biochemical changes in the blood of lambs with experimental Erysipelothrix polyarthritis] Kolchev K, et al. **Vet Med Nauki** 1985;22(6):46–55 (Eng. Abstr.) **(Bul)**

DIAGNOSIS

Erysipelothrix rhusiopathiae bacteremia presenting as septic shock. Ognibene FP, et al. **Am J Med** 1985 May;78(5):861–4

[Clinical, radiotelemetric and x-ray research on erythematous polyarthritis in lambs] Borisov I, et al. **Vet Med Nauki** 1985; 22(4):22–30 (Eng. Abstr.) **(Bul)**

ENZYMOLOGY

[Histochemical studies on the alkaline and acid phosphatase content of the synovial tissue of swine with erysipelas] Georgiev D. **Acta Microbiol Bulg** 1984;15:14–6 (Eng. Abstr.) **(Bul)**

ETIOLOGY

Erysipelothrix rhusiopathiae septicaemia. Normann B, et al. **Scand J Infect Dis** 1985;17(1):123–4

IMMUNOLOGY

Possible genetic variation in resistance of turkeys to erysipelas and fowl cholera. Saif YM, et al. **Avian Dis** 1984 Jul-Sep; 28(3):770–3

MICROBIOLOGY

Pathogenicity of Erysipelothrix rhusiopathiae strains of serovars 1a, 3, 5, 6, 8, 11, 21, and type N isolated from slaughter pigs affected with chronic erysipelas. Takahashi T, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):1–8

Antibiotic resistance of Erysipelothrix rhusiopathiae strains isolated from pigs with acute septicemic erysipelas. Takahashi T, et al. **Nippon Juigaku Zasshi** 1984 Dec; 46(6):921–3

PATHOLOGY

A report of swine erysipelas in a litter of piglets. Bastianello SS, et al. **J S Afr Vet Assoc** 1984 Dec;55(4):195–8

Erysipelothrix rhusiopathiae [letter] Berg RA. **South Med J** 1984 Dec;77(12):1614

PREVENTION & CONTROL

Cross protection in mice and swine immunized with live erysipelas vaccine to challenge exposure with strains of Erysipelothrix rhusiopathiae of various serotypes. Takahashi T, et al. **Am J Vet Res** 1984 Oct;45(10):2115–8

[Protective medium for the lyophilization of a live vaccine against swine erysipelas--VR2] Khristova Kh, et al. **Vet Med Nauki** 1984;21(7–8):57–61 (Eng. Abstr.) **(Bul)**

VETERINARY

Erysipelothrix rhusiopathiae serotype 5 isolated from a white-tailed deer in Iowa. Bruner JA, et al. **J Wildl Dis** 1984 Jul;20(3):235–6

ERYTHEMA

Erythema chronicum migrans and Lyme disease. Hurwitz S. **Pediatr Dermatol** 1985 Jul;2(4):266–74

CHEMICALLY INDUCED

Chemotherapy-associated palmar-plantar erythrodysesthesia syndrome. Lokich JJ, et al. **Ann Intern Med** 1984 Dec; 101(6):798–9

Cytarabine-induced palmar-plantar erythema [letter] Walker IR, et al. **Arch Dermatol** 1985 Oct;121(10):1240–1

Seasonal incidence of phenytoin allergy unrelated to plasma levels. Leppik IE, et al. **Arch Neurol** 1985 Feb;42(2):120–2

Adrenoceptor-mediated responses in human skin studied by iontophoresis. Hörnqvist R, et al. **Br J Dermatol** 1984 Nov; 111(5):561–6

Prostaglandins and nicotinate-provoked increase in cutaneous blood flow. Wilkin JK, et al. **Clin Pharmacol Ther** 1985 Sep;38(3):273–7

Sodium lauryl sulfate irritant patch tests. II. Variations of test responses among subjects and comparison to variations of allergic responses elicited by Toxicodendron extract. Dahl MV, et al. **J Am Acad Dermatol** 1984 Sep;11(3):474–7

Sodium lauryl sulfate irritant patch tests. III. Evaporation of aqueous vehicle influences inflammatory response. Dahl MV, et al. **J Am Acad Dermatol** 1984 Sep;11(3):477–9

Allergy, red man syndrome, and vancomycin [letter] Cole DR, et al. **Lancet** 1985 Aug 3;2(8449):280

In vivo protective effect of beta-carotene against psoralen phototoxicity. Giles A Jr, et al. **Photochem Photobiol** 1985 Jun;41(6):661–6

[Fixed drug erythema with mucosal involvement. An overlooked diagnosis?] Laurberg G, et al. **Ugeskr Laeger** 1985 Jun 3;147(23):1853–4 (Eng. Abstr.) **(Dan)**

[Experimental contact dermatitis caused by microdust from thermoelement powder in guinea pigs] Kordis BD, et al. **Vestn Dermatol Venerol** 1985 Feb;(2):12–4 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Erythema annulare centrifugum and malignant histiocytosis--report of a case. Dodd HJ, et al. **Clin Exp Dermatol** 1984 Nov;9(6):608–13

Wells' syndrome: is there collagen damage in the flame figures? Stern JB, et al. **J Cutan Pathol** 1984 Dec; 11(6):501–5

[Darier's erythema annulare centrifugum and primary Vaquez polycythemia] Triller R, et al. **Ann Dermatol Venereol** 1984;111(8):767–8 **(Fre)**

[Chronic migratory erythema: Lyme disease?(letter)] Crovato F, et al. **G Ital Dermatol Venereol** 1984 Sep-Oct;119(5):368 **(Ita)**

DIAGNOSIS

Clinical manifestations of erythema chronicum migrans

Afzelius in 161 patients. A comparison with Lyme disease. Asbrink E, et al. **Acta Derm Venereol (Stockh)** 1985; 65(1):43–52

A portable instrument for quantifying erythema induced by ultraviolet radiation. Diffey BL, et al. **Br J Dermatol** 1984 Dec;111(6):663–72

Quantitative studies on cutaneous erythema induced by ultraviolet radiation. Farr PM, et al. **Br J Dermatol** 1984 Dec;111(6):673–82

Serological diagnosis of erythema migrans disease and related disorders. Wilske B, et al. **Infection** 1984 Sep–Oct; 12(5):331–7

Necrolytic migratory erythema (glucagonoma syndrome). Myatt AE, et al. **J R Soc Med** 1984;77 Suppl 4:31–2

Human parvovirus-associated arthritis: a clinical and laboratory description. Reid DM, et al. **Lancet** 1985 Feb 23;1(8426):422–5

[Erythema chronicum migrans with Bannwarth syndrome (Garin–Bujadoux–Bannwarth meningopolyneuritis)] Kutzner H, et al. **Hautarzt** 1984 Nov;35(11):585–7 (Eng. Abstr.) **(Ger)**

[Jarisch–Herxheimer reaction in erythema migrans disease] Weber K. **Hautarzt** 1984 Nov;35(11):588–90 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

Infantile epidermodysplastic erythema gyratum responsive to imidazoles. A new entity? Saurat JH, et al. **Arch Dermatol** 1984 Dec;120(12):1601–3

[Oral tetracyclins: the therapy of choice in chronic erythema migrans] Kleinhans D. **Z Hautkr** 1985 Feb 15;60(4):327–8 **(Ger)**

ETIOLOGY

The spirochetal etiology of erythema chronicum migrans Afzelius. Asbrink E, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):291–5

Successful cultivation of spirochetes from skin lesions of patients with erythema chronicum migrans Afzelius and acrodermatitis chronica atrophicans. Asbrink E, et al. **Acta Pathol Microbiol Immunol Scand** [B] 1985 Apr; 93(2):161–3

Diagnosing early Lyme disease. Shrestha M, et al. **Am J Med** 1985 Feb;78(2):235–40

Painful palmar–plantar erythema in myeloproliferative disease [letter] Nielsen M. **Arch Dermatol** 1985 Oct; 121(10):1240

Papulosquamous eruption with weight loss: Necrolytic migratory erythema (glucagonoma syndrome). Skouge JW, et al. **Arch Dermatol** 1985 Mar;121(3):400, 403

The erythemal response of human skin to ultraviolet radiation. Farr PM, et al. **Br J Dermatol** 1985 Jul; 113(1):65–76

Skin irritation caused by transdermal drug delivery systems during long–term (5 days) application. Hurkmans JF, et al. **Br J Dermatol** 1985 Apr;112(4):461–7

Thirteen British cases of erythema chronicum migrans, a spirochaetal disease. Muhlemann MF. **Br J Dermatol** 1984 Sep;111(3):335–9

Necrolytic migratory erythema–like dermatitis with malabsorption. Ranchoff RE, et al. **Cleve Clin Q** 1985 Spring;52(1):81–5

Erythema annulare centrifugum as the presenting sign of the hypereosinophilic syndrome: observations on therapy. Shelley WB, et al. **Cutis** 1985 Jan;35(1):53–5

Investigation of the erythema effectiveness curve with tunable lasers. Anders A, et al. **Derm Beruf Umwelt** 1984; 32(5):166–70

A man with chest rash and nipple ulceration. Zubler MA. **Hosp Pract [Off]** 1985 Aug 15;20(8):33, 38–40

Glucagonoma syndrome: in vitro evidence that glucagon increases epidermal arachidonic acid. Peterson LL, et al. **J Am Acad Dermatol** 1984 Sep;11(3):468–73

Glucagonoma syndrome. A clinicopathologic, immunocytochemical, and ultrastructural study. Vandersteen PR, et al. **J Am Acad Dermatol** 1985 Jun; 12(6):1032–9

[illegible]e relationship of skin color, UVB–induced erythema, and [illegible]elanogenesis. Shono S, et al. **J Invest Dermatol** 1985 Apr; 84(4):265–7

Lymphocytic meningoradiculitis of Bannwarth and erythema migrans disease [letter] Weber K. **J Neurol** 1984; 231(5):281–2

Erythema ab igne in chronic pancreatic pain [letter] Raffle EJ. **J R Soc Med** 1984 Aug;77(8):706

An erythema infectiosum–like illness caused by human parvovirus infection. Plummer FA, et al. **N Engl J Med** 1985 Jul 11;313(2):74–9

Low and moderate irradiances of UVB and UVC irradiation are equally erythemogenic in human skin. Park YK, et al. **Photochem Photobiol** 1984 Nov;40(5):667–9

Recall of UVB–induced erythema in breast cancer patient receiving multiple drug chemotherapy. Andersen KE, et al. **Photodermatol** 1984 Jun;1(3):129–32

Lack of photorecovery of ultraviolet erythema in human skin. Diffey BL, et al. **Photodermatol** 1985 Apr;2(2):115–7

Lowered ultraviolet minimal erythema dose in hemiplegia. Cox NH, et al. **Postgrad Med J** 1985 Jul;61(717):575–7

Erythema infectiosum and human parvovirus infection. Fowler D, et al. **Practitioner** 1984 Oct;228(1396):963–7

Photoreactivation of UV–induced pyrimidine dimers and erythema in the marsupial Monodelphis domestica. Ley RD. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2409–11

[Parvovirus––the cause of infectious erythema and hypoplastic crisis in anemia patients] Meurman O, et al. **Duodecim** 1984;100(20):1313–7 **(Fin)**

[Etiology of erythema migrans disease and Lyme disease. Review and results of personal study] Neubert U. **Hautarzt** 1984 Nov;35(11):563–70 (Eng. Abstr.) **(Ger)**

[Infrared erythema] Schulze HJ, et al. **Z Hautkr** 1985 Jun 15;60(12):938–44 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Detection of antibodies to human parvovirus in erythema infectiosum (fifth disease). Okabe N, et al. **Arch Dis Child** 1984 Nov;59(11):1016–9

The anergy of annularity. Lobitz WC Jr, et al. **J Dermatol (Tokyo)** 1984 Oct;11(5):425–32

[Detection of anti–human parvovirus IgM and IgG in erythema infectiosum] Okabe N, et al. **Kansenshogaku Zasshi** 1984 Nov;58(11):1213–20 (Eng. Abstr.) **(Jpn)**

MICROBIOLOGY

Human parvovirus (B19) and erythema infectiosum. Nunoue T, et al. **J Pediatr** 1985 Jul;107(1):38–40

Antibody to human parvovirus in outbreak of erythema infectiosum in Japan [letter] Shiraishi H, et al. **Lancet** 1985 Apr 27;1(8435):982–3

OCCURRENCE

Outbreak of itching and rash. Epidemic hysteria in an elementary school. Robinson P, et al. **Arch Intern Med** 1984 Oct;144(10):1959–62

Erythema infectiosum––a Bristol outbreak. Lovell CR. **Bristol Med Chir J** 1985 Apr;100(374):33–5

Fifth disease: report of an outbreak. Andrews M, et al. **J R Coll Gen Pract** 1984 Oct;34(267):573–4

PATHOLOGY

Biopsy of annular erythemas [letter] Burge SM. **Am J Dermatopathol** 1984 Oct;6(5):519–20

Unique aspects of a lesion of erythema elevatum diutinum. Caputo R, et al. **Am J Dermatopathol** 1984 Oct;6(5):465–9

Distinctive acral erythema occurring during therapy for severe myelogenous leukemia. Levine LE, et al. **Arch Dermatol** 1985 Jan;121(1):102–4

Pathology quiz case 1. Erythema elevatum diutinum (EED). Stolar EH. **Arch Dermatol** 1984 Nov;120(11):1508–10

Annular erythema with histologic features of leukocytoclastic vasculitis in ulcerative colitis. Aram H, et al. **Cutis** 1985 Mar;35(3):250–2

Erythema gyratum repens unassociated with internal malignancy. Langlois JC, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 2):911–3

[Necrolytic migratory erythema: glucagonoma syndrome. Clinical and histological aspects] Wilkinson DS. **Ann Med Interne (Paris)** 1984;135(8):654–7 (Eng. Abstr.) **(Fre)**

[Tshamer's infectious erythema] Kapitonov VF. **Pediatriia** 1985 Apr;(4):63–4 **(Rus)**

PREVENTION & CONTROL

How reliable are sunscreen protection factors? Farr PM, et al. **Br J Dermatol** 1985 Jan;112(1):113–8

Anti–inflammatory action of topical thiocarbamide drugs: possible use in protecting skin during radiotherapy [letter] Ferguson MM, et al. **Lancet** 1985 Aug 10;2(8450):325

Tissue anoxia prevents inflammation and pigmentation caused by UVA but not by UVB or PUVA. Tegner E. **Photodermatol** 1984 Dec;1(6):311–2

[Photobiologic study of sunscreen products in the A and B ultraviolet spectra] de la Brassinne M. **Rev Med Liege** 1985 Apr 1;40(7):238–40 **(Fre)**

TRANSMISSION

[Meningopolyneuritis (Garin–Bujadoux, Bannwarth) erythema chronicum migrans disease of the nervous system transmitted by ticks] Schmidt R, et al. **Fortschr Neurol Psychiatr** 1985 May;53(5):145–53 (Eng. Abstr.) **(Ger)**

VETERINARY

Experimental 3–nitro–4–hydroxyphenylarsonic acid toxicosis in pigs. Rice DA, et al. **Res Vet Sci** 1985 Jul;39(1):47–51

ERYTHEMA INDURATUM see under **TUBERCULOSIS, CUTANEOUS**

ERYTHEMA MULTIFORME

see related
REITER'S DISEASE

Erythema annulare centrifugum, angio–oedema in lupus vulgaris. Shabbir SG, et al. **JPMA** 1984 Sep;34(9):276–9

CHEMICALLY INDUCED

Erythema multiforme due to mianserin––a case against generic prescribing. Cox NH. **Br J Clin Pract** 1985 Jul; 39(7):293–4

Erythema multiforme–like contact dermatitis from lincomycin. Conde–Salazar L, et al. **Contact Dermatitis** 1985 Jan;12(1):59–61

Erythema annulare centrifugum: an unusual case due to hydroxychloroquine sulfate. Hudson LD. **Cutis** 1985 Aug; 36(2):129–30

Cocaine–related bullous disease [letter] Tomecki KJ, et al. **J Am Acad Dermatol** 1985 Mar;12(3):585–6

Erythema multiforme associated with trazodone therapy: case report. Ford HE, et al. **J Clin Psychiatry** 1985 Jul; 46(7):294–5

Erythema multiforme following swimming in a chlorinated pool [letter] Leung A. **J Natl Med Assoc** 1985 Jan;77(1):13

Progesterone–induced erythema multiforme. Wojnarowska F, et al. **J R Soc Med** 1985 May;78(5):407–8

Piroxicam induced erythema multiforme [letter] Duró JC, et al. **J Rheumatol** 1984 Aug;11(4):554–5

Quantitative comparison of adverse reactions to cefaclor vs. amoxicillin in a surveillance study. Levine LR. **Pediatr Infect Dis** 1985 Jul–Aug;4(4):358–61

Photosensitive erythema multiforme apparently induced by phenylbutazone. Leroy D, et al. **Photodermatol** 1985 Jun; 2(3):176–7

[Severe polymorphic erythema during treatment with isoxicam (letter)] Adrien A, et al. **Presse Med** 1985 Apr 13;14(15):841–2 **(Fre)**

[Erythema multiforme with multiorificial ectodermosis during a treatment with fenbufen (letter)] Chagnon A, et al. **Presse Med** 1984 Oct 27;13(38):2326–7 **(Fre)**

COMPLICATIONS

Recurrent acute appendicitis with erythema annulare centrifugum. Sack DM, et al. **Arch Intern Med** 1984 Oct; 144(10):2090–2

Histoplasmosis presenting as erythema multiforme and polyarthritis. Friedman SJ, et al. **Cutis** 1984 Oct;34(4):396–8

Erythema gyratum repens with associated squamous cell carcinoma of the lung. Olsen TG, et al. **Cutis** 1984 Oct; 34(4):351–3, 355

DIAGNOSIS

Bandage lenses in atypical erythema multiforme. Levy B. **Am J Optom Physiol Opt** 1984 Aug;61(8):552–4

Bullous mastocytosis: diffuse cutaneous mastocytosis with extensive blisters mimicking scalded skin syndrome or erythema multiforme. Golitz LE, et al. **Pediatr Dermatol** 1984 Apr;1(4):288–94

Erythema multiforme [clinical conference] Guido BP. **W Va Med J** 1985 Aug;81(8):161–4

DRUG THERAPY

Erythema multiforme––response to corticosteroid. Ting HC, et al. **Dermatologica** 1984;169(4):175–8

[Erythema annulare centrifugum in an infant. Effect of disodium cromoglycate in a drinkable solution (letter)] Prigent F, et al. **Presse Med** 1984 Dec 22;13(46):2817 **(Fre)**

ETIOLOGY

Erythema multiforme associated with contact dermatitis. Friedman SJ, et al. **Contact Dermatitis** 1985 Jan;12(1):21–3

Erythema multiforme following DPT vaccination [letter] Leung AK. **J R Soc Med** 1984 Dec;77(12):1066–7

Erythema multiforme–like skin eruptions localized to marrow aspiration sites after autologous marrow transplantation. Benjamin S, et al. **Transplant Proc** 1985 Aug;17(4):2029–32

[Erythema multiforme premonitory for acute hepatitis B (letter)] Houdée G, et al. **Gastroenterol Clin Biol** 1985 Feb; 9(2):186 **(Fre)**

[Annular erythema in systemic lupus erythematosus] Grandin LA, et al. **Medicina (B Aires)** 1984;44(1):75–8 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Recurrent and continuous erythema multiforme––a clinical and immunological study. Leigh IM, et al. **Clin Exp Dermatol** 1985 Jan;10(1):58–67

Drug–induced erythema multiforme: a possible immunologic pathogenesis. Delafuente JC. **Drug Intell Clin Pharm** 1985 Feb;19(2):114–7

Bullous esophageal lesions due to cotrimoxazole: an immune–mediated process? Heer M, et al. **Gastroenterology** 1985 Jun;88(6):1954–7

Erythema multiforme and herpes simplex virus. Lozada–Nur F, et al. **J Dent Res** 1985 Jun;64(6):930–1

[HLA typing of patients with herpes simplex recidivans and postherpetic erythema exsudativum multiforme] Simon M Jr, et al. **Z Hautkr** 1984 Aug 15;59(16):1087–9 (Eng. Abstr.) **(Ger)**

OCCURRENCE

Erythema multiforme: epidemiology, clinical characteristics and natural history in fifty–nine patients. Ting HC, et al. **Australas J Dermatol** 1984 Aug;25(2):83–8

PATHOLOGY

Erythema multiforme. Ackerman AB, et al. **Am J Dermatopathol** 1985 Apr;7(2):133–9

My concept of erythema multiforme. Lever WF.

Am J Dermatopathol 1985 Apr;7(2):141-2
Erythema multiforme. A clinical syndrome and a histologic complex. Reed RJ. **Am J Dermatopathol** 1985 Apr;7(2):143-52
Erythema gyratum repens [letter] Levine LE, et al. **Arch Dermatol** 1985 Feb;121(2):170-1

PREVENTION & CONTROL

Post-herpetic erythema multiforme prevented with prophylactic oral acyclovir. Green JA, et al. **Ann Intern Med** 1985 May;102(5):632-3

TRANSMISSION

[Lesions of the nervous system in tick-borne erythema annulare] Dekonenko EP, et al. **Zh Nevropatol Psikhiatr** 1985;85(4):539-45 (Eng. Abstr.) (Rus)

ERYTHEMA NODOSUM

Erythema nodosum. Tierney LM Jr, et al. **Am Fam Physician** 1984 Oct;30(4):227-32

BLOOD

Tissue and blood T-lymphocyte subpopulations in erythema nodosum leprosum. Modlin RL, et al. **Arch Dermatol** 1985 Feb;121(2):216-9
Status of fibrin degradation products in leprosy. Saha K, et al. **J Dermatol (Tokyo)** 1984 Dec;11(6):545-9

CHEMICALLY INDUCED

Erythema nodosum and circulating immune complexes in acne fulminans after treatment with isotretinoin. Kellett JK, et al. **Br Med J [Clin Res]** 1985 Mar 16;290(6471):820
Erythema nodosum related to propylthiouracil treatment for thyrotoxicosis. Keren G, et al. **Isr J Med Sci** 1985 Jan;21(1):62-3

COMPLICATIONS

Erythema nodosum heralding recurrent Hodgkin's disease. Simon S, et al. **Cancer** 1985 Sep 15;56(6):1470-2
Erythema nodosum in Sweet's syndrome. Spatz SA. **Cutis** 1985 Apr;35(4):327-30
ENL in histoid leprosy [letter] Sehgal VN, et al. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4):543-4
[Sweet's syndrome: unusual associations. Apropos of 2 cases] Domingo P, et al. **Med Clin (Barc)** 1984 Jun 30;83(5):205-8 (Eng. Abstr.) (Spa)

DIAGNOSIS

[Case from practice (27). Erythema nodosum] Orfei R. **Schweiz Rundsch Med Prax** 1984 Dec 4;73(49):1525-6 (Ger)
[Erythema nodosum in clinical practice] Durić B. **Med Pregl** 1984;37(5-6):215-6 (Eng. Abstr.) (Ser)

DRUG THERAPY

Levamisole in cases of E.N.L. Arora SK, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):17-21
Thalidomide in lepra reaction (ENL) in lepromatous leprosy patients. Chandorkar AG, et al. **Ind J Lepr** 1984 Apr-Jun;56(2):264-8
Levamisole in the treatment of E.N.L. in leprosy. Dharmendra. **Ind J Lepr** 1985 Jan-Mar;57(1):1-10
Standardized schemes for steroid treatment in ENL and reversal reactions. Imkamp FM. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):313-7
Thalidomide induces imbalances in T-lymphocyte sub-populations in the circulating blood of healthy males. Gad SM, et al. **Lepr Rev** 1985 Mar;56(1):35-9

ENZYMOLOGY

[Serum angiotensin convertase activity and clinical course of sarcoidosis. Course studies in Löfgren syndrome] Sehrt I, et al. **Z Erkr Atmungsorgane** 1985;164(1):39-42 (Eng. Abstr.) (Ger)

ETIOLOGY

Clinical course and evolution of erythema nodosum and pyoderma gangrenosum in chronic ulcerative colitis: a study of 42 patients. Mir-Madjlessi SH, et al. **Am J Gastroenterol** 1985 Aug;80(8):615-20
Erythema nodosum associated with Shigella colitis [letter] Tami LF. **Arch Dermatol** 1985 May;121(5):590
Salmonella gastroenteritis and erythema nodosum. Castilla Cortázar A, et al. **Can Med Assoc J** 1985 Jul 15;133(2):120
Salmonella enteritidis enterocolitis: another cause of diarrhea and erythema nodosum. Grossman ME, et al. **Cutis** 1984 Oct;34(4):402-3
Can erythema nodosum and reactive arthritis be a sequel to Shigella flexneri gastroenteritis? Neithercut WD, et al. **Scott Med J** 1984 Jul;29(3):197-9
[Recurrent dermohypodermatitis and edematous pancreatitis preceding the digestive manifestations of Crohn's disease] Jeanmougin M, et al. **Ann Dermatol Venereol** 1984;111(8):709-10 (Fre)
[Erythema nodosum in Giardia lamblia infestation] Giordano N, et al. **Clin Ter** 1985 Apr 30;113(2):141-4 (Eng. Abstr.) (Ita)
[Erythema nodosum and Crohn's disease] Areias E, et al. **Med Cutan Ibero Lat Am** 1984;12(6):489-95 (Eng. Abstr.) (Por)

IMMUNOLOGY

IgM antibodies against phenolic glycolipid I from Mycobacterium leprae in leprosy sera: relationship to bacterial index and erythema nodosum leprosum. Schwerer B, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):394-402
Changes in circulating antibody levels to the major phenolic glycolipid during erythema nodosum leprosum in leprosy patients. Andreoli A, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):211-7

PATHOLOGY

Septal granulomatous panniculitis in Sweet's syndrome. Report of two cases. Blaustein A, et al. **Arch Dermatol** 1985 Jun;121(6):785-8
A syndrome with nodular erythema, elongated and thickened fingers, and emaciation. Kitano Y, et al. **Arch Dermatol** 1985 Aug;121(8):1053-6
Ultrastructural aspects of oral and facial lepromatous lesions. Reichart PA, et al. **Int J Oral Surg** 1985 Feb;14(1):55-60
[Löfgren's syndrome (a description of a case)] Stoianov S, et al. **Vutr Boles** 1985;24(2):93-6 (Eng. Abstr.) (Bul)

PHYSIOPATHOLOGY

Respiratory dysautonomia in leprosy. Gupta OP, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):844-6

ERYTHERMALGIA see **ERYTHROMELALGIA**

ERYTHRASMA see under **CORYNEBACTERIUM INFECTIONS**

ERYTHREDEMA POLYNEUROPATHY see **ACRODYNIA**

ERYTHREMIC MYELOSIS see **ERYTHROLEUKEMIA**

ERYTHRITOL

ANALOGS & DERIVATIVES

Synthesis of 3-C-(hydroxymethyl)erythritol and 3-C-methylerythritol. Witczak ZJ, et al. **Carbohydr Res** 1984 Oct 15;133(2):235-45
[Lycurim, lymphomas and cytostatic trials] Klener P. **Vnitr Lek** 1984 Jul;30(7):714-6 (Cze)
[Recurrence prevention of papillomas of the bladder using lycurim instillation] Zárandy B, et al. **Z Urol Nephrol** 1984 Oct;77(10):599-603 (Eng. Abstr.) (Ger)
[Evaluation of the therapeutic effectiveness of likurim in lymphosarcoma in dogs] Kliuchanskaia NV, et al. **Gematol Transfuziol** 1984 Aug;29(8):46-9 (Eng. Abstr.) (Rus)
[Lycurim in combined chemotherapy in vitro] Ban J. **Lijec Vjesn** 1984 Sep;106(9):374-8 (Eng. Abstr.) (Ser)

ERYTHRITYL TETRANITRATE

ANALYSIS

High-performance liquid chromatographic determination of the nitrate esters isosorbide dinitrate, pentaerythritol tetranitrate, and erythrityl tetranitrate in various tablet forms. Olsen CS, et al. **J Pharm Sci** 1984 Sep;73(9):1303-4

ERYTHROBLASTOSIS, FETAL

see related
JAUNDICE, NEONATAL
RH-HR BLOOD-GROUP SYSTEM

BLOOD

[Incidence of Rh and ABO in hemolytic disease of newborn from 1979 to the present day in infants born at the Obstetrics Clinic of the II College of Medicine and Surgery of Naples] Cascioli CF, et al. **Minerva Ginecol** 1985 Mar;37(3):85-8 (Eng. Abstr.) (Ita)
[Pathochemical principles of therapy in hemolytic disease of the newborn] Kalinicheva VI, et al. **Pediatriia** 1984 Nov;(11):53-8 (Rus)

COMPLICATIONS

Phototherapy for hyperbilirubinemia of hemolytic disease of the newborn. Maurer HM, et al. **Pediatrics** 1985 Feb;75(2 Pt 2):407-12

DIAGNOSIS

[Prenatal diagnosis and therapy of fetal hemolytic disease with Rh incompatibility] Kitschke HJ, et al. **Geburtshilfe Frauenheilkd** 1985 Jul;45(7):470-2 (Eng. Abstr.) (Ger)
[Prenatal diagnosis and therapy of hemolytic disease of the newborn] Fischer K, et al. **Monatsschr Kinderheilkd** 1985 Mar;133(3):167-70 (Eng. Abstr.) (Ger)
[Discontinuing serological tests for anti-A and anti-B antibodies in pregnant women] **Orv Hetil** 1984 Aug 26;125(35):2137 (Hun)
[Cytomegalovirus infection in a newborn infant primarily diagnosed as hemolytic disease of newborn] Sawa H, et al. **Wiad Lek** 1985 Jan 15;38(2):145-7 (Eng. Abstr.) (Pol)

ETIOLOGY

Alloimmunization in twin pregnancies. Bowman JM. **Am J Obstet Gynecol** 1985 Sep 1;153(1):7-13
Severe erythroblastosis fetalis secondary to anti-Ke sensitization. Dacus JV, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):888-9
Hydrops fetalis due to an unusual form of Hb H disease. Chan V, et al. **Blood** 1985 Jul;66(1):224-8
Anti-Rh32 causing severe hemolytic disease of the newborn. Orlina AR, et al. **Rev Fr Transfus Immunohematol** 1984 Oct;27(5):613-8
[Hemolytic disease of the newborn caused by maternal allo-immunization against erythrocyte antigens other than A, B and rhesus D] Monestier M, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(6):671-80 (Eng. Abstr.) (Fre)
[Erythroblastosis in a live newborn infant with triploidy—a sequela of fetomaternal macrotransfusion?] Franek A, et al. **Klin Padiatr** 1984 Nov-Dec;196(6):394-7 (Eng. Abstr.) (Ger)
[Selected biochemical indicators of fetal risk in cases of Rh(D) isoimmunization] Dobryszycka W, et al. **Pol Tyg Lek** 1985 Jan 14;40(2):29-32 (Eng. Abstr.) (Pol)

FAMILIAL & GENETIC

Familial occurrence of hemolytic disease of the newborn due to AO blood group incompatibility. Plotz RD. **Hum Pathol** 1985 Feb;16(2):113-6

HISTORY

Dr. James A. Wolff. I. Early progress in treatment of Rh hemolytic disease. Pochedly C. **Am J Pediatr Hematol Oncol** 1984 Fall;6(3):319-23

IMMUNOLOGY

IgG subclasses and Gm allotypes of anti-D antibodies during pregnancy: correlation with the gravity of the fetal disease. Parinaud J, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1111-5
Isoimmunization in pregnancy to Gerbich antigen. Sacks DA, et al. **Am J Perinatol** 1985 Jul;2(3):208-10
Hemolytic disease of the newborn due to anti-M. Yoshida H, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):888-95
Mononuclear phagocyte receptors in rhesus monkeys (Macaca mulatta) and their role in hemolytic disease of the newborn. Stong RC, et al. **Vet Immunol Immunopathol** 1984 Sep;7(2):101-17
[Determination of the degree of fetal injury by the Rh antibody titer in the amniotic fluid] Vitanova R. **Akush Ginekol (Sofiia)** 1985;24(1):43-7 (Eng. Abstr.) (Bul)
[Hemolytic disease of newborn infants caused by anti-Diego antibodies] Monestier M, et al. **Arch Fr Pediatr** 1984 Nov;41(9):641-3 (Eng. Abstr.) (Fre)
[Perinatal hemolytic disease caused by anti-c. A clinical case] Donoso Siña E, et al. **Rev Chil Obstet Ginecol** 1983;48(3):175-9 (Eng. Abstr.) (Spa)

MORTALITY

Deaths from rhesus haemolytic disease in England and Wales in 1982 and 1983. Clarke CA, et al. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):17-9

OCCURRENCE

Newborn screening for ABO hemolytic disease. Levine DH, et al. **Clin Pediatr (Phila)** 1985 Jul;24(7):391-4

PATHOLOGY

Nonimmune hydrops fetalis: a challenge in perinatal pathology. Mostoufi-Zadeh M, et al. **Hum Pathol** 1985 Aug;16(8):785-9
Case 2. Placenta of erythroblastosis and maternal hepatitis. Altshuler G. **Pediatr Pathol** 1984;2(3):337-8

PREVENTION & CONTROL

Rh(D) haemolytic disease of the newborn: the changing scene. Urbaniak SJ. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):4-6
Randomized controlled trial of plasma exchange for hemolytic disease due to anti-D [letter] Rock GA. **Can Med Assoc J** 1984 Nov 1;131(9):1022
Rhesus haemolytic disease treated with high-dose intravenous immunoglobulin [letter] Berlin G, et al. **Lancet** 1985 May 18;1(8438):1153
[Mechanism of action of anti-D-gamma globulin in preventing rhesus alloimmunization in the pregnant woman and hemolytic disease of the newborn infant] Vălcheva B, et al. **Akush Ginekol (Sofiia)** 1985;24(2):73-6 (13 ref.) (Eng. Abstr.) (Bul)
[Laboratory study of traditional Chinese medicine for the prevention and treatment of hemolytic diseases of the newborn infant] Qian ML.

Chung Hua Fu Chan Ko Tsa Chih 1984 Oct;19(4):207–9, 256 (Eng. Abstr.) (Chi)

[Recent trend in the managements of blood–type–incompatible pregnancy––with special reference to the peculiarities in Japan] Shirakawa K. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1969–74 (Jpn)

[Advances in neonatology: vitamin K, intracranial hemorrhage, arterial pressure, hemolytic disease] Jiménez R. **An Esp Pediatr** 1984 Oct 15;21(5):447–52 (21 ref.) (Spa)

THERAPY

Selection of donor red cells for fetal intravenous transfusion in severe haemolytic disease of the newborn [letter] Barrie JU, et al. **Lancet** 1985 Jun 8;1(8441):1327–8

[Fetomaternal blood incompatibility: the situation in 1983] Rudigoz RC, et al. **Rev Fr Gynecol Obstet** 1984 Apr; 79(4):277–83 (Eng. Abstr.) (Fre)

[Transfusion–induced acid load caused by erythrocyte concentrates in the newborn] Abel M, et al. **Infusionsther Klin Ernahr** 1984 Oct;11(5):267–9 (Eng. Abstr.) (Ger)

VETERINARY

Presumptive neonatal isoerythrolysis in cats. Cain GR, et al. **J Am Vet Med Assoc** 1985 Jul 1;187(1):46–8

ERYTHROBLASTOSIS VIRUS, AVIAN see under **AVIAN LEUKOSIS VIRUSES**

ERYTHROBLASTS

Clumping of erythroblasts simulating a metastatic neoplasm. Vernon SE. **Arch Pathol Lab Med** 1985 Jun;109(6):569–70

Transient erythroblastopenia of childhood. A review of 22 cases. Gerrits GP, et al. **Eur J Pediatr** 1984 Sep; 142(4):266–70

[Transient erythroblastopenia] Schneider H, et al. **Klin Padiatr** 1985 Jan–Feb;197(1):9–12 (Eng. Abstr.) (Ger)

[A case of juvenile chronic myelocytic leukemia with prominent erythroblastosis––studies on erythropoietin–dependent erythropoiesis] Kojima S, et al. **Rinsho Ketsueki** 1984 Sep;25(9):1473–8 (Eng. Abstr.) (Jpn)

ANALYSIS

Surface localization of an endogenous lectin in rabbit bone marrow. Catt JW, et al. **Histochem J** 1985 Feb;17(2):189–99

CYTOLOGY

Messenger RNA turnover during bone marrow erythroid cell differentiation. Langstaff JM, et al. **Biochim Biophys Acta** 1985 Jul 24;825(3):316–25

A monoclonal antibody to human transferrin receptor which inhibits erythroid differentiation of human leukemic K–562 cells. Gambari R. **Boll Soc Ital Biol Sper** 1984 Jun 30; 60(6):1283–5

Ts mutants of E26 leukemia virus allow transformed myeloblasts, but not erythroblasts or fibroblasts, to differentiate at the nonpermissive temperature. Beug H, et al. **Cell** 1984 Dec;39(3 Pt 2):579–88

Differentiation of chick blood island erythroblasts into erythrocytes and stability in long–term culture. Zagris N. **Exp Cell Biol** 1985;53(4):233–9

Effects of T cells and monocytes on globin chain synthesis in erythroid bursts cultured from human peripheral blood burst–forming units (BFU–e). Baptista LC, et al. **Exp Hematol** 1985 Jul;13(6):507–11

Intercellular bonding in the erythroblastic nest (EN) is reversible and dependent on divalent cations. Dugan CB, et al. **Haematologica (Pavia)** 1984 Sep–Oct;69(5):532–41

The erythroblastic nest (EN): cytochemical evidence for its role in the hemoglobinization of maturing erythroid cells. Macario AJ, et al. **Haematologica (Pavia)** 1984 Sep–Oct; 69(5):521–31

Dyserythropoiesis in acute lymphoblastic leukemia of childhood. Hrodek O, et al. **Hamatol Bluttransfus** 1985; 29:172–3

Demonstration of normoblasts in tissue sections by means of an immunohistochemical technique for haemoglobin. Crocker J, et al. **J Clin Pathol** 1984 Nov;37(11):1312–3

Malignant transformation of erythroid cells in vivo by introduction of a nonreplicating retrovirus vector. Wolff L, et al. **Science** 1985 Jun 28;228(4707):1549–52

CFU–GM and T cell subsets in young red cell collections. Marcus RE, et al. **Transfusion** 1984 Sep–Oct;24(5):379–81

[Centrifugal chamber for sedimentation and fixation of bone marrow erythroblastic islets] Rassokhin AG, et al. **Lab Delo** 1985;(2):77–8 (Eng. Abstr.) (Rus)

DRUG EFFECTS

Mobilization of ferritin iron in erythroblasts by chelating agents. Grasso JA, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):109–18

Susceptibility to staphylococcal alpha–toxin of Friend virus–infected murine erythroblasts during differentiation. Harshman S, et al. **Infect Immun** 1985 Apr;48(1):114–8

ENZYMOLOGY

Cytochemical detection of erythroblastic enzymes in acquired dyserythropoiesis. Woessner S, et al. **Acta Haematol (Basel)** 1984;72(5):303–8

Enzyme activities of cultured erythroblasts. Shinohara K, et al. **Am J Hematol** 1985 Oct;20(2):145–51

Hexokinase in developing rabbit erythroid cells. Magnani M, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):346–51

IMMUNOLOGY

SFL 23.6: a monoclonal antibody reactive with CFU–E, erythroblasts, and erythrocytes. Gupta AD, et al. **Blood** 1985 Sep;66(3):522–6

A possible role for antibodies against spectrin in the interaction between erythroblasts and macrophages in vitro. Wiener E. **Br J Exp Pathol** 1985 Feb;66(1):17–25

[Identification of the forms of human leukemia using polyclonal antibodies to erythroblast antigen] Ievleva ES, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):234–7 (Eng. Abstr.) (Rus)

METABOLISM

A model for hemoglobin F synthesis in adult life: evidence for regulation at the level of erythroblasts. Peschle C, et al. **Ann NY Acad Sci** 1985;445:225–34

The effect of haemin on RNA synthesis and stability in differentiating rabbit erythroblasts. Bonanou–Tzedaki SA, et al. **Eur J Biochem** 1984 Nov 2;144(3):589–96

Protein synthesis in differentiating normal and leukemic erythroid cells. Adkins B, et al. **J Cell Physiol** 1985 May; 123(2):269–76

[Pathogenesis of anemia in collagen disease (I). Heme synthesis of bone marrow erythroblasts in systemic lupus erythematosus (SLE) and the effect of peripheral blood mononuclear cells and sera] Sugaya N, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Nov;47(7):1377–82 (Eng. Abstr.) (Jpn)

MICROBIOLOGY

Transformation of erythroid cells by Rous sarcoma virus (RSV). Palmieri S. **Virology** 1985 Jan 30;140(2):269–80

PATHOLOGY

Splenic erythroblasts in anemia–inducing Friend disease: a source of cells for studies of erythropoietin–mediated differentiation. Koury MJ, et al. **J Cell Physiol** 1984 Dec; 121(3):526–32

Autoimmune haemolytic anaemia revealed by human parvovirus linked erythroblastopenia [letter] Bertrand Y, et al. **Lancet** 1985 Aug 17;2(8451):382–3

Congenital T cell deficiency with neutropenia and erythroblastopenia. Correction following allogeneic bone marrow transplantation. Perreault C, et al. **Transplantation** 1985 Mar;39(3):321–3

[A case of RAEB (refractory anemia with excess of blast) in transformation in childhood] Shikano T, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1250–4 (Eng. Abstr.) (Jpn)

PHYSIOLOGY

Dyserythropoiesis in iron deficiency and in beta–thalassemia. Zago MA, et al. **Braz J Med Biol Res** 1984;17(2):135–42

Control of globin gene transcription by erythropoietin in erythroblasts from friend virus–infected mice. Bondurant MC, et al. **Mol Cell Biol** 1985 Apr;5(4):675–83

Haemoglobin switching in human embryos: asynchrony of zeta–––alpha and epsilon–––gamma–globin switches in primitive and definite erythropoietic lineage. Peschle C, et al. **Nature** 1985 Jan 17–23;313(5999):235–8

ULTRASTRUCTURE

Remarks on the role of microtubules in enucleating normoblasts. Lemke C, et al. **Anat Anz** 1984;156(5):427–31

Nucleolar silver–stained granules in maturing erythroid and granulocytic cells. Smetana K, et al. **Cell Tissue Res** 1984; 237(2):367–70

Ultrastructural analysis of normal and leukaemic cells by the immunogold method and monoclonal antibodies. Matutes E, et al. **Hamatol Bluttransfus** 1985;29:174–9

[Ultrastructure and behavior of the nucleoli and fibrillar centers during cell differentiation of liver erythroblasts of 12–day–old mouse embryos] Chelidze PV, et al. **Tsitologiia** 1984 Aug;26(8):878–85 (Eng. Abstr.) (Rus)

ERYTHROCEBUS PATAS see under **CERCOPITHECIDAE**

ERYTHROCRUORINS see under **HEMOGLOBINS**

ERYTHROCYTE AGGREGATION

Red cell aggregation in cardiovascular diseases and crucial role of inversion phenomenon. Dintenfass L. **Angiology** 1985 May;36(5):315–26

The missing negative effect of red cell aggregation upon blood flow in small capillaries at low shear forces. Braasch D. **Biorheology** 1984;Suppl 1:227–30

A new simple method for measuring red cell aggregation. Ernst E, et al. **Biorheology** 1984;Suppl 1:217–9

Dynamic evaluation of aggregation and agglutination of red blood cells. Kaibara M, et al. **Biorheology** 1984;Suppl 1:43–7

Aggregation and disaggregation of red blood cells. Skalak R. **Biorheology** 1984;21(4):463–76

Experimental approach to rouleau formation. Comparison of three methods. Stoltz JF, et al. **Biorheology** 1984;Suppl 1:221–6

Fibrinogen and the ultralong–range interaction of human erythrocytes. Sewchand LS, et al. **Cell Biophys** 1984 Sep; 6(3):215–21

Micro–aggregate content of red cell suspensions stored in saline adenine glucose mannitol optimal additive solution. Napier JA, et al. **Clin Lab Haematol** 1984;6(2):165–9

Increased erythrocyte aggregation in diabetes mellitus and its relationship to glycosylated haemoglobin and retinopathy. Satoh M, et al. **Diabetologia** 1984 Nov; 27(5):517–21

Opsonized streptococcal cell walls cross–link human leukocytes and erythrocytes by complement receptors. Pryzwansky KB, et al. **Infect Immun** 1985 Sep;49(3):550–6

Ultrasonic detection of red cell aggregation immediately preceding blood clotting. Sigel B, et al. **Invest Radiol** 1984 Sep–Oct;19(5):458–61

Interaction energies in lectin–induced erythrocyte aggregation. Sung LA, et al. **J Cell Biol** 1985 Aug; 101(2):652–9

Aggregate formation of erythrocytes and diabetic retinopathy in children, adolescents, and adults with diabetes mellitus (type I). Tillmann W, et al. **Klin Wochenschr** 1984 Dec 3;62(23):1136–9

Red blood cell aggregation in preterm and term neonates and adults. Linderkamp O, et al. **Pediatr Res** 1984 Dec; 18(12):1356–60

Cell surface alterations during blood–storage characterized by artificial aggregation of washed red blood cells. Hessel E, et al. **Vox Sang** 1985;49(2):86–91

[Adhesive properties of lactobacilli isolated from the human gastrointestinal tract] Brilis VI, et al. **Nahrung** 1984; 28(6–7):635–40 (Eng. Abstr.) (Ger)

[Methodological evaluation and clinical significance of erythrocyte aggregation] Carandente O, et al. **Ric Clin Lab** 1985;15 Suppl 1:39–50 (Eng. Abstr.) (Ita)

[A syllectrometric method to study erythrocyte aggregation] Pieragalli D, et al. **Ric Clin Lab** 1985;15 Suppl 1:79–86 (Eng. Abstr.) (Ita)

[Erythrocyte aggregation indicator and blood viscosity in workers exposed to combined effects of the work environment (mainly mechanical vibration and noise)] Turczyński B, et al. **Pol Tyg Lek** 1984 Sep 24;39(39):1285–8 (Eng. Abstr.) (Pol)

[Modification of a device for studying erythrocyte aggregation (the Schmid–Schönbein rheoscope)] Levin GIa, et al. **Lab Delo** 1984;(8):492–4 (Eng. Abstr.) (Rus)

[Indicators of erythrocytic hemostasis in patients with rheumatism of minimal degree of activity] Karpovich LG. **Vrach Delo** 1985 Jan;(1):52–6 (Eng. Abstr.) (Rus)

[Free–radical oxidation of lipids and coagulative activity of erythrocytes in patients with ischemic heart disease] Mishchenko VP, et al. **Vrach Delo** 1985 Mar;(3):47–9 (Eng. Abstr.) (Rus)

DRUG EFFECTS

Rheological characteristics of desialylated erythrocytes in relation to fibrinogen–induced aggregation. Maeda N, et al. **Biochim Biophys Acta** 1984 Sep 19;776(1):151–8

[2 functions of proteoglycans in erythrocyte aggregation and adhesion] Bychkov SM, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):410–3 (Eng. Abstr.) (Rus)

[Rheological and suspension characteristics of preserved donor blood stabilized with sodium saccharate] Krishtof AN, et al. **Gematol Transfuziol** 1985 Feb;30(2):19–22 (Eng. Abstr.) (Rus)

ERYTHROCYTE AGGREGATION, INTRAVASCULAR

[Role of intravascular coagulation in the pathophysiology of the hemolytic–uremic syndrome] Monnens L, et al. **Tijdschr Kindergeneeskd** 1984 Aug;52(4):148–52 (Eng. Abstr.) (Dut)

ERYTHROCYTE AGING

Red blood cell survival and morphology during and after intraoperative autotransfusion. Paravicini D, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:43–9

Young red cell preparation––a comparison of available methods. Marcus RE, et al. **Acta Haematol (Basel)** 1985; 73(1):22–5

Use of 75Se–labeled methionine to study the sequestration of senescent red blood cells. Smedsrød B, et al. **Am J Hematol** 1985 Jan;18(1):31–40

Kinetics of cell age–dependent decline of insulin receptors in human red cells. Baumann G, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E667–74

Evidence for erythrocyte–microvesiculation in vivo. Zimmermann N, et al. **Anat Anz** 1985;158(2):117–23

Regulatory properties of human erythrocyte hexokinase during cell ageing. Fornaini G, et al. **Arch Biochem Biophys** 1985 Jun;239(2):352–8

Relationship of reticulocyte age to polychromasia, shift cells, and shift reticulocytes. Crouch JY, et al.

Arch Pathol Lab Med 1985 Apr;109(4):325–9

Cell age–dependent changes in deformability and calcium accumulation of human erythrocytes. Shiga T, et al. **Biochim Biophys Acta** 1985 Apr 11;814(2):289–99

IgG receptor expression during in vitro ageing of erythrocytes. Klinger M, et al. **Biomed Biochim Acta** 1984; 43(6):S88–90

Electrophoretic and lectin–binding properties of glycopeptides released from the membrane during 'in vitro' aging of human erythrocytes. Pallavicini G, et al. **Biomed Biochim Acta** 1984;43(7):955–61

Red blood cell deformation in shear flow. Effects of internal and external phase viscosity and of in vivo aging. Pfafferott C, et al. **Biophys J** 1985 May;47(5):695–704

Age–related changes in deformability of human erythrocytes. Sutera SP, et al. **Blood** 1985 Feb;65(2):275–82

Properties and characterization of vesicles released by young and old human red cells. Snyder LM, et al. **Br J Haematol** 1985 Mar;59(3):513–22

Preferential phagocytosis of in vivo aged murine red blood cells by a macrophage–like cell line. Walker WS, et al. **Br J Haematol** 1984 Oct;58(2):259–66

The fate of the transferrin receptor during maturation of sheep reticulocytes in vitro. Johnstone RM, et al. **Can J Biochem Cell Biol** 1984 Nov;62(11):1246–54

Abnormal pattern of erythrocyte ageing in hereditary spherocytosis as shown by Percoll density gradient centrifugation. Bell CM, et al. **Clin Chim Acta** 1984 Sep 15;142(1):91–102

Red cell senescence. Clark MR, et al. **Clin Haematol** 1985 Feb;14(1):223–57 (147 ref.)

Association of secondary hyperparathyroidism with red cell survival in chronic haemodialysis patients. Saltissi D, et al. **Clin Sci** 1985 Jan;68(1):29–33

Computer–assisted red cell survival analysis. Preisler HK. **Comput Biomed Res** 1984 Dec;17(6):509–23

Emission of microvesicles and erythrocytic spherocytation. Martino R, et al. **Gen Physiol Biophys** 1985 Jun;4(3):265–70

Glycosylated and acetylated hemoglobins in relation to gestational age and red cell age. Elseweidy MM, et al. **Hemoglobin** 1984;8(4):363–72

Topo–optical investigations of the human erythrocyte glycocalyx–age related changes. Halbhuber KJ, et al. **Histochemistry** 1984;81(2):187–93

Influence of cell age and ketoaminic linkage on rapid glycosylation of hemoglobin in human red cells in vitro. Cordera R, et al. **Horm Metab Res** 1985 Apr;17(4):201–4

Modification of membrane protein organization during in vitro aging of human erythrocytes. Brovelli A, et al. **Int J Biochem** 1984;16(11):1115–20

Pig reticulocytes. V. Development of Rb+ influx during in vitro maturation. Lauf PK, et al. **J Cell Physiol** 1984 Nov; 121(2):284–90

Increased adherence of sickled and phosphatidylserine–enriched human erythrocytes to cultured human peripheral blood monocytes. Schwartz RS, et al. **J Clin Invest** 1985 Jun;75(6):1965–72

Kinetics, distribution, and sites of destruction of indium–111 oxine labelled red cells in haemolytic anaemia. Heyns AD, et al. **J Clin Pathol** 1985 Feb;38(2):128–32

The influence of anti–anaemic treatments on the distribution of circulating erythrocytes of different ages during pregnancy. Micheli V, et al. **J Int Med Res** 1985; 13(3):163–8

A comparison of chromium–51 and iron–59 for estimating erythrocyte survival in the cat. Liddle CG, et al. **Lab Anim Sci** 1984 Aug;34(4):365–70

The relationship between sialic acid content and peanut agglutinin binding on senescent and enzyme treated human erythrocytes. Skutelsky E, et al. **Mech Ageing Dev** 1985 Jun;31(1):13–23

Sialic acid content of erythrocytes in uremic patients. Correlation with the age distribution of erythrocytes as assessed by glutamic oxaloacetic transaminase determination. Gafter U, et al. **Nephron** 1985;40(4):463–6

ABO.MN antigenicities and lectin receptor activities of old and young human erythrocytes. Shinozuka T, et al. **Nippon Hoigaku Zasshi** 1984 Aug;38(4):397–402

Separation of human red cells by ultracentrifugation in a discontinuous density gradient and relationship between cell age and lipid peroxidation. Nakai T, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1230–4

Localization of senescent cell antigen on band 3. Kay MM. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5753–7

Aging of rat erythrocytes: differences in genetically high and low 2,3–DPG rat lines. Noble NA, et al. **Prog Clin Biol Res** 1984;165:241–61

The role of hemoglobin denaturation and band 3 clustering in red blood cell aging. Low PS, et al. **Science** 1985 Feb 1;227(4686):531–3

In vivo studies of the long–term 51Cr red cell survival of serologically incompatible red cell units. Baldwin ML, et al. **Transfusion** 1985 Jan–Feb;25(1):34–8

Long–term in vivo survival of Rh(D)–negative donor red cells in a patient with anti–LW. Chaplin H, et al. **Transfusion** 1985 Jan–Feb;25(1):39–43

On the safety of using stored bank blood for chronic hemodialysis patients. Fogh–Andersen N, et al. **Transfusion** 1984 Nov–Dec;24(6):505–7

Membrane–bound immunoglobulins and complement components on young and old red cells. Freedman J. **Transfusion** 1984 Nov–Dec;24(6):477–81

The clinical significance of HLA antigens on red cells. Survival studies in HLA–sensitized individuals. Panzer S, et al. **Transfusion** 1984 Nov–Dec;24(6):486–9

Virulence of plasmodium yoelii line YM is caused by altered preference for parasitized and unparasitized immature and mature erythrocytes. Büngener W. **Trop Med Parasitol** 1985 Mar;36(1):43–5

Studies on the mechanism of human red cell loss of viability during storage at +4 degrees C in vitro. I. Cell shape and total adenylate concentration as determinant factors for posttransfusion survival. Högman CF, et al. **Vox Sang** 1985; 48(5):257–68

[Enterohepatic cycle of bile acids and erythrocyte survival] Tsolov V, et al. **Vet Med Nauki** 1985;22(6):27–33 (Eng. Abstr.) **(Bul)**

[Evaluation of erythrocyte survival by the determination of glycosylated hemoglobin. Clinical value] Rigal D, et al. **Presse Med** 1985 Mar 2;14(9):521–3 (Eng. Abstr.) **(Fre)**

[Computer analysis of the dynamics of red cell destruction] Saito H, et al. **Kaku Igaku** 1985 Jan;22(1):57–65 (Eng. Abstr.) **(Jpn)**

[Normal lymphocyte killers in the mechanism of the selective physiological recognition and destruction of old erythrocytes] Pukhova IaI, et al. **Dokl Akad Nauk SSSR** 1984;277(2):509–12 **(Rus)**

[Viability of autologous and donor erythrocytes after different periods of preservation in patients with burns during acute toxemia and septicemia] Sidorova LG, et al. **Gematol Transfuziol** 1985 May;30(5):25–8 (Eng. Abstr.) **(Rus)**

[The erythrocyte: aging of the cell and aging of the body] Voitenko VP. **Tsitol Genet** 1984 Nov–Dec;18(6):442–7 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Aging in vivo and neuraminidase treatment of rat erythrocytes and their sequestration by the isolated perfused rat liver. Vömel T, et al. **Arch Gerontol Geriatr** 1985 Jul;4(2):125–32

Near–normal circulatory survival of rabbit red cells exposed to high levels of Ca and ionophore in vitro. Bookchin RM, et al. **Blood** 1985 Jul;66(1):220–3

Improved red blood cell survival after cardiac operations with administration of urea during cardiopulmonary bypass. Roberts D, et al. **J Thorac Cardiovasc Surg** 1985 Jan;89(1):107–14

Measurement of viable ADSOL–preserved human red cells [letter] **N Engl J Med** 1985 May 23;312(21):1391–3

Administration of vitamin E in heterozygous beta–thalassaemia: the effect on red blood cell survival. Miniero R, et al. **Panminerva Med** 1984 Oct–Dec; 26(4):283–6

[In vitro evaluation and study of the survival of erythrocytes preserved in a saline–adenine–glucose–mannitol medium for 35 days] Habibi B, et al. **Rev Fr Transfus Immunohematol** 1985 Feb;28(1):7–18 (Eng. Abstr.) **(Fre)**

[Erythrocyte survival in patients with G6PD deficiency during administration of suprofen] Passiu G, et al. **Boll Chim Farm** 1984 Aug;123(8):61S–64S (Eng. Abstr.) **(Ita)**

[Effect of CV–2619 (idebenone) on the half-life and hemolysis of red blood cells in stroke–prone spontaneously hypertensive rats (SHRSP)] Suno M, et al. **Nippon Yakurigaku Zasshi** 1984 Oct;84(4):407–10 (Eng. Abstr.) **(Jpn)**

[The effect of dilazep on red cell survival] Saito H, et al. **Rinsho Ketsueki** 1985 Jan;26(1):15–9 (Eng. Abstr.) **(Jpn)**

ERYTHROCYTE APLASIA see **RED CELL APLASIA, PURE**

ERYTHROCYTE COUNT

Electronically determined red blood cell values in a large number of healthy black adults. Subpopulations with low hemoglobin and red blood cell indices. Castro OL, et al. **Am J Epidemiol** 1985 Jun;121(6):930–6

Simultaneous reticulocyte and platelet counting on a clinical flow cytometer. Vaughan WP, et al. **Am J Hematol** 1985 Apr;18(4):385–91

Dapsone and Heinz bodies [letter] Rosove MH, et al. **Arch Dermatol** 1985 Jan;121(1):25

Effects of sample size on reticulocyte counting and stool examination [letter] **Arch Pathol Lab Med** 1984 Dec; 108(12):941–3

Analysis of peritoneal lavage parameters in blunt abdominal trauma. McLellan BA, et al. **J Trauma** 1985 May; 25(5):393–9

Analytical diagnostic peritoneal lavage in the diagnosis of intra–abdominal injury. Thompson DC, et al. **J Trauma** 1985 May;25(5):400–4

[Changes in the blood picture and iron stores during pregnancy and after labor] Zivný J, et al. **Sb Lek** 1985 Apr;87(4):90–7 (Eng. Abstr.) **(Cze)**

[The effect of rewarming of stored blood on plasma value and erythrocytes] Stephan H, et al. **Anaesthesist** 1985 Jul; 34(7):352–4 (Eng. Abstr.) **(Ger)**

[Hematologic and immunologic studies in children from a heavily polluted highly industrialized area after health resort cure] Hülsse C, et al. **Z Gesamte Hyg** 1984 Dec; 30(12):710–2 (Eng. Abstr.) **(Ger)**

[Ferropenic anemia is aregenerative: the use of the IPR (index of reticulocyte production) (letter)] Hernández García MT, et al. **Sangre (Barc)** 1984;29(5):958–9 **(Spa)**

INSTRUMENTATION

Spurious red blood cell parameters due to serum cold agglutinins: observations on Ortho ELT–8 cell counter. Solanki DL, et al. **Am J Clin Pathol** 1985 Feb;83(2):218–22

Hyperglycemic macrocytosis in electronically determined mean corpuscular volume. Use of three different automatic cell counters. Planas AT, et al. **Ann Clin Lab Sci** 1985 Jul–Aug;15(4):286–91

ERYTHROCYTE DEFORMABILITY

Erythrocyte deformability in patients with arteriosclerosis obliterans of lower limbs. Lukjan H, et al. **Acta Med Pol** 1983;24(1–4):55–63

Normal and homogeneous red blood cell populations over a wide range of hyper–iso–hypotonic media. III. Corrected volumes in Coulter Counter measurements. Mela M, et al. **Acta Physiol Scand** 1984 Dec;122(4):515–25

Erythrocyte filterability and fetal development in normal pregnancy. Kaibara M, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):719–20

Effects of Na+ and K+ on protein adsorption on red blood cell surface. Kikuchi Y, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H748–53

Red blood cell deformability and protein adsorption on red blood cell surface. Kikuchi Y, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H739–47

Roles of cell geometry and cellular viscosity in red cell passage through narrow pores. Reinhart WH, et al. **Am J Physiol** 1985 May;248(5 Pt 1):C473–9

Plasma or serum from patients with systemic sclerosis alters behaviour of normal erythrocytes. Kovacs IB, et al. **Ann Rheum Dis** 1985 Jun;44(6):395–8

The velocity of sound in human blood. Collings AF, et al. **Australas Phys Eng Sci Med** 1984 Jul–Sep;7(3):127–30

Cell age–dependent changes in deformability and calcium accumulation of human erythrocytes. Shiga T, et al. **Biochim Biophys Acta** 1985 Apr 11;814(2):289–99

Spin–label studies of erythrocyte deformability. IV. Relation of electron spin resonance spectral change with deformation and orientation of erythrocytes in shear flow. Noji S, et al. **Biophys J** 1984 Sep;46(3):349–55

Red blood cell deformation in shear flow. Effects of internal and external phase viscosity and of in vivo aging. Pfafferott C, et al. **Biophys J** 1985 May;47(5):695–704

Effect of the presence of hardened erythrocytes on deformation–orientation characteristics of normal erythrocytes in shear flow studied by the spin label method. Kon K, et al. **Biorheology** 1985;22(2):105–17

Physico–chemical factors of erythrocyte deformability. Koutsouris D, et al. **Biorheology** 1985;22(2):119–32

Alteration of red cell membrane viscoelasticity by heat treatment: effect on cell deformability and suspension viscosity. Nash GB, et al. **Biorheology** 1985;22(1):73–84

Motion and deformation of a red blood cell in a shear flow: a two–dimensional simulation of the wall effect. Sugihara M. **Biorheology** 1985;22(1):1–19

Red blood cell deformability influences platelets—vessel wall interaction in flowing blood. Aarts PA, et al. **Blood** 1984 Dec;64(6):1228–33

Age–related changes in deformability of human erythrocytes. Sutera SP, et al. **Blood** 1985 Feb;65(2):275–82

Microrheologic investigation of erythrocyte deformability in diabetes mellitus. Williamson JR, et al. **Blood** 1985 Feb; 65(2):283–8

Is it important to separate leucocytes and platelets before measuring the filterability of red blood cells? Burkhard O, et al. **Br J Haematol** 1985 Jun;60(2):377–82

Fluctuating deformability of oxygenated sickle erythrocytes in the asymptomatic state and in painful crisis. Lucas GS, et al. **Br J Haematol** 1985 Feb;59(2):363–8

Further characterization of the effects of alpha–1–acid glycoprotein on the passage of human erythrocytes through micropores. Maeda H, et al. **Cell Struct Funct** 1984 Sep; 9(3):279–90

Hemorheological factors in the pathophysiology of acute and chronic cerebrovascular disease. Di Perri T, et al. **Cephalalgia** 1985 May;5 Suppl 2:71–7

Alterations of capillary flow during sepsis. Rogers F, et al. **Circ Shock** 1985;15(2):105–10

Study of erythrocyte deformability in physiological pregnancy. Mandelli B, et al. **Clin Exp Obstet Gynecol** 1985; 12(1–2):16–20

Osmotic fragility of erythrocytes, cell deformability and secondary hyperparathyroidism in uremic patients on maintenance hemodialysis. Docci D, et al. **Clin Nephrol** 1985 Feb;23(2):68–73

The role of erythrocyte deformability in the rheological behaviour of the blood. Chan MT, et al. **Folia Haematol (Leipz)** 1984;111(6):788–96

Red cell deformability in patients with cerebral vasospasm. Sakai T, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Feb;23(2):79–82

Blood viscosity and erythrocyte deformability in gestational diabetes. Kaibara M, et al. **Int J Gynaecol Obstet** 1984 Jun; 22(3):221–4

Flow behaviour of rigid red blood cells in the microcirculation. Driessen GK, et al.

Int J Microcirc Clin Exp 1984;3(2):197–210

Erythrocyte filterability and adenosine triphosphate levels in normal pregnancy and puerperium. Kaibara M, et al. **Int J Microcirc Clin Exp** 1985;4(1):55–62

Hemorrheology of marathon running. Galea G, et al. **Int J Sports Med** 1985 Jun;6(3):136–8

Erythrocyte deformability changes in autoimmune hemolytic anemia during development of NZB mice and their (NZB/NZW)F1 hybrid. Ballas SK, et al. **J Clin Lab Immunol** 1985 Apr;16(4):217–22

Erythrocyte deformability in peripheral occlusive arterial disease. Bareford D, et al. **J Clin Pathol** 1985 Feb; 38(2):135–9

Effects of in vivo and in vitro changes in PO2 on the deformability of red blood cells of rainbow trout (Salmo gairdneri R.). Hughes GM, et al. **J Exp Biol** 1984 Jul; 111:253–7

Evaluation of red blood cell filterability test: influences of pore size, hematocrit level, and flow rate. Reinhart WH, et al. **J Lab Clin Med** 1984 Oct;104(4):501–16

Sodium transport and red cell deformability. Wambach G, et al. **Klin Wochenschr** 1985;63 Suppl 3:35–7

Erythrocyte deformability in aging. Abe H, et al. **Mech Ageing Dev** 1984 Oct 31;27(3):383–90

Application of a low-pressure differential filtration technique to suspensions of red blood cells. Arundel PA, et al. **Med Biol Eng Comput** 1984 Nov;22(6):516–20

Intrinsic stiffening of red blood cells as the fundamental cause of diabetic nephropathy and microangiopathy: a new hypothesis. Simpson LO. **Nephron** 1985;39(4):344–51 (52 ref.)

Effects of temperature on red cell filtration. Fiocco R, et al. **Panminerva Med** 1984 Jul–Sep;26(3):193–5

Red cell filtration and aging of the samples. Rossi G, et al. **Panminerva Med** 1984 Jul–Sep;26(3):191–2

Increased prostacyclin metabolites and decreased red cell deformability in patients with systemic sclerosis and Raynauds syndrome. Belch JJ, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):1–9

Red cell deformability and other haemorheological variables in stable coronary artery disease. Low J, et al. **Thromb Res** 1985 May 1;38(3):269–76

[Ektacytometric determination of the deformability of red blood cells in hemolytic anemia with pyruvate kinase deficiency] Brabec V, et al. **Vnitr Lek** 1984 Oct; 30(10):993–8 (Eng. Abstr.) (Cze)

[Results and indications for drug therapy in arterial and venous vascular occlusions of the retina due to erythrosclerosis] Gallasch G. **Fortschr Ophthalmol** 1985; 82(1):102–4 (Eng. Abstr.) (Ger)

[Flow behavior of hypoxically damaged erythrocytes in lung diseases] Lanser K, et al. **Prax Klin Pneumol** 1984 Aug; 38(8):348–51 (Eng. Abstr.) (Ger)

[Erythrocyte filtration—a clinically relevant method for characterizing 'erythrocyte fluidity' within the scope of arterial occlusive disease] Scheffler A, et al. **Vasa** 1984; Suppl 12:81–97 (Eng. Abstr.) (Ger)

[Characterization of erythrocyte deformability with a filtration technic. 2. An effective manual method] Kucera W, et al. **Z Med Lab Diagn** 1984;25(6):334–9 (Eng. Abstr.) (Ger)

[Absolute calibration of the Coulter procedure for the determination of mean erythrocyte volume in changed milieu conditions] Kucera W, et al. **Z Med Lab Diagn** 1984; 25(8):456–7 (Ger)

[Effect of blood levels of carboxyhemoglobin (COHb) on erythrocyte filtration time in young smokers] Ferretti P, et al. **Acta Biomed Ateneo Parmense** 1985;56(1):27–31 (Eng. Abstr.) (Ita)

[Changes in the erythrocyte in liver cirrhosis: role of cholesterol and plasma phospholipids] Stufano N, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):137–43 (Eng. Abstr.) (Ita)

[Influence of metabolic equilibrium on erythrocyte deformability in diabetes mellitus] Stufano N, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1853–3 (Eng. Abstr.) (Ita)

[Hemorheologic and coagulation study in a group of patients with diabetic retinopathy] Parenti M, et al. **G Clin Med** 1984 Sep–Oct;65(9–10):409–18 (Eng. Abstr.) (Ita)

[Comparison of methods for determining erythrocyte deformability] Agosti R, et al. **Ric Clin Lab** 1985;15 Suppl 1:65–72 (Eng. Abstr.) (Ita)

[Hemorheologic and blood coagulation studies in 94 patients with chronic obstructive peripheral arterial disease] Bracale G, et al. **Ric Clin Lab** 1985;15 Suppl 1:195–203 (Eng. Abstr.) (Ita)

[Hemorheological aspects of diabetic retinopathy] Brancato R, et al. **Ric Clin Lab** 1985;15 Suppl 1:317–9 (Eng. Abstr.) (Ita)

[Blood filterability at various filtration pressures: a study conducted on normal and diabetic subjects] Caimi G, et al. **Ric Clin Lab** 1985;15 Suppl 1:73–7 (Eng. Abstr.) (Ita)

[A multicenter study on blood filterability in normal subjects and patients with ischemic vascular disease and diabetes mellitus (preliminary results). Italian Society of Hemorheology Clinical Study Groups] Carandente O, et al. **Ric Clin Lab** 1985;15 Suppl 1:631–41 (Ita)

[Effect of hemorheology in the post-operative period] Costantini A, et al. **Ric Clin Lab** 1985;15 Suppl 1:185–94 (Eng. Abstr.) (Ita)

[Hemorheological changes induced by uremia. Effects of hemodialysis] Delsignore R, et al. **Ric Clin Lab** 1985;15 Suppl 1:335–45 (Eng. Abstr.) (Ita)

[Changes in hemorheological parameters during physical exertion in coronary disease patients] Margonato A, et al. **Ric Clin Lab** 1985;15 Suppl 1:169–77 (Eng. Abstr.) (Ita)

[The role of erythrocyte deformability in the prolonged bleeding time in liver disease patients] Moia M, et al. **Ric Clin Lab** 1985;15 Suppl 1:213–8 (Eng. Abstr.) (Ita)

[Hemorheological changes in retinal vein occlusions] Peduzzi M, et al. **Ric Clin Lab** 1985;15 Suppl 1:321–6 (Eng. Abstr.) (Ita)

[Significance of hemorheological parameters within the framework of chronic brain disease] Pernigotti L, et al. **Ric Clin Lab** 1985;15 Suppl 1:307–12 (Eng. Abstr.) (Ita)

[Evaluation of blood viscosity and erythrocyte filterability in chronic ischemic heart disease] Strano A, et al. **Ric Clin Lab** 1985;15 Suppl 1:179–84 (Eng. Abstr.) (Ita)

[Erythrocyte deformability: critical evaluation of the study methods] Vettore L, et al. **Ric Clin Lab** 1985;15 Suppl 1:51–63 (Eng. Abstr.) (Ita)

[Changes in red blood cell membrane properties during cardiopulmonary bypass for open-heart surgery] Tabata R, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Aug; 32(8):1199–204 (Eng. Abstr.) (Jpn)

[Erythrocyte deformability and adenosine triphosphate (ATP) levels in normal pregnancy and puerperium] Marumoto Y, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Nov; 36(11):2079–84 (Eng. Abstr.) (Jpn)

[Approach of hematology. Red cell deformability and membrane protein] Nakashima K. **Rinsho Byori** 1984 Aug; 32(8):856–61 (Jpn)

[Metabolic disorders and functional properties of erythrocytes in acute arterial obstruction of the extremities] Kliachkin ML, et al. **Vestn Khir** 1984 Dec;133(12):37–9 (Eng. Abstr.) (Rus)

[Erythrocyte deformability and thiol compounds in diabetes mellitus patients] Bodnar PN, et al. **Vrach Delo** 1984 Oct; (10):87–9 (Eng. Abstr.) (Rus)

DRUG EFFECTS

Effects of fructose-1,6-diphosphate on the red cell deformability in diabetic patients. Marsilii A, et al. **Agressologie** 1984 Sep;25(8):919–21

The effects of dietary omega-3 polyunsaturated fatty acids on erythrocyte membrane phospholipids, erythrocyte deformability and blood viscosity in healthy volunteers. Cartwright IJ, et al. **Atherosclerosis** 1985 Jun;55(3):267–81

Impaired red blood cell deformability after oral administration of aspirin in man. Kovacs IB, et al. **Biomed Biochim Acta** 1984;43(8–9):S395–8

The flow behavior of lysolecithin-induced echinocytes. Rogausch H. **Biorheology** 1984;21(6):757–65

Effects of verapamil on calcium-induced rigidity and on filterability of red blood cells from healthy volunteers and patients with progressive systemic sclerosis. Sowemimo-Coker SO, et al. **Br J Clin Pharmacol** 1985 Jun;19(6):731–7

Erythrocyte deformability changes in headache patients under flunarizine treatment. Covelli V, et al. **Cephalalgia** 1985 May;5 Suppl 2:159–61

Effects of felodipine on red blood cell deformability. Hopkins RJ, et al. **Drugs** 1985;29 Suppl 2:42–4

Effect of atenolol on red blood cell deformability [letter] Sinawi Lubna AH, et al. **Eur J Clin Pharmacol** 1985; 28(4):483

The effect of HR (O-Beta-Hydroxyethylo-Rutoside, Venoruton) on the deformability of erythrocytes in patients with arteriosclerosis obliterans of lower limbs. Lukjan H, et al. **Folia Haematol (Leipz)** 1985;112(1):191–6

Erythrocytes from ozone-exposed mice exhibit decreased deformability. Morgan DL, et al. **Fundam Appl Toxicol** 1985 Feb;5(1):137–43

Erythrocyte membrane rigidity induced by glycophorin A-ligand interaction. Evidence for a ligand-induced association between glycophorin A and skeletal proteins. Chasis JA, et al. **J Clin Invest** 1985 Jun;75(6):1919–26

Influence of pH on the rheologic and antisickling effects of dimethyl adipimidate. Pennathur-Das R, et al. **J Lab Clin Med** 1984 Nov;104(5):718–29

Bupivacaine alters red blood cell properties: a possible explanation for neonatal jaundice associated with maternal anesthesia. Clark DA, et al. **Pediatr Res** 1985 Apr; 19(4):341–3

Hydroxyethylrutosides during extracorporeal circulation: effect on erythrocyte deformability. Sonnenfeld T, et al. **Scand J Thorac Cardiovasc Surg** 1985;19(1):85–7

[Deformability of erythrocytes from the umbilical cord of newborn infants after the administration of oxytocin in vitro] Tomášek J, et al. **Cesk Gynekol** 1985 Mar;50(2):84–7 (Eng. Abstr.) (Cze)

[Effect of alcoholic hyperlipoproteinemias on the deformability and viscosity of erythrocytes] Goebel KM, et al. **Schweiz Med Wochenschr** 1984 Oct 6;114(40):1386–8 (Eng. Abstr.) (Ger)

[Is it possible to improve erythrocyte deformability in vascular diseases in the aged? Preliminary study] Crolle G, et al. **Minerva Med** 1985 Jul 14;76(28–29):1349–51 (Eng. Abstr.) (Ita)

[Calcitonin, parathyroid hormones, calcium ion, cyclic 3,5-adenosine monophosphate (cAMP) and erythrocyte deformability] Gennari C, et al. **Ric Clin Lab** 1985;15 Suppl 1:465–73 (Eng. Abstr.) (Ita)

[The pharmacological approach in hemorheology] Sarno A, et al. **Ric Clin Lab** 1985;15 Suppl 1:479–97 (191 ref.) (Eng. Abstr.) (Ita)

[Effects of mono dansyl cadaverine on platelet aggregations, blood coagulations and erythrocyte deformabilities] Hayakawa M, et al. **Nippon Ronen Igakkai Zasshi** 1985 Mar;22(2):144–50 (Eng. Abstr.) (Jpn)

ERYTHROCYTE FILTERABILITY see **ERYTHROCYTE DEFORMABILITY**

ERYTHROCYTE GHOST see **ERYTHROCYTE MEMBRANE**

ERYTHROCYTE HEMOGLOBIN, MEAN CELL see **ERYTHROCYTE INDICES**

ERYTHROCYTE INCLUSIONS see under **ERYTHROCYTES, ABNORMAL**

ERYTHROCYTE INDICES

Quality control of multichannel hematology analyzers: evaluation of Bull's algorithm. Cembrowski GS, et al. **Am J Clin Pathol** 1985 Mar;83(3):337–45

Red blood cell distribution width index in some hematologic diseases. Roberts GT, et al. **Am J Clin Pathol** 1985 Feb; 83(2):222–6

Spurious red blood cell parameters due to serum cold agglutinins: observations on Ortho ELT-8 cell counter. Solanki DL, et al. **Am J Clin Pathol** 1985 Feb;83(2):218–22

Spurious automated red cell values in warm autoimmune hemolytic anemia. Weiss GB, et al. **Am J Hematol** 1984; 17(4):433–5

Runner's macrocytosis: a clue to footstrike hemolysis [letter] **Am J Med** 1985 Sep;79(3):A51, A56, A62

Identification of alcohol abuse using laboratory tests and a history of trauma. Skinner HA, et al. **Ann Intern Med** 1984 Dec;101(6):847–51

Interpretation of red blood cell indices by the nonhematologist [letter] **Arch Intern Med** 1985 Aug; 145(8):1535

Failure to suspect and diagnose thalassemic syndromes. Interpretation of RBC indices by the nonhematologist. Hansen RM, et al. **Arch Intern Med** 1985 Jan;145(1):93–4

Are 'indexes' an index of physician performance? [editorial] Howe RB. **Arch Intern Med** 1985 Jan;145(1):46

Are red blood cell indexes international? Bull BS, et al. **Arch Pathol Lab Med** 1985 Jul;109(7):604–6

Dyserythropoiesis in iron deficiency and in beta-thalassemia. Zago MA, et al. **Braz J Med Biol Res** 1984;17(2):135–42

Alcohol consumption in healthy women: relationship to gamma-glutamyl transferase activity, mean corpuscular volume and hormonal status. Warnet JM, et al. **Can J Public Health** 1984 Jul–Aug;75(4):285–8

A study of nutritional status, parasitic infections and haematology in a farmworker community in Zimbabwe. Chandiwana SK, et al. **Cent Afr J Med** 1984 Sep; 30(9):172–5

Fortuitous 'standardization' of the PCV and MCV [letter] Guthrie DL, et al. **Clin Lab Haematol** 1985;7(1):99–100

Choice of anticoagulants for packed cell volume and mean cell volume determination [letter] Lines RW, et al. **Clin Lab Haematol** 1984;6(3):305–6

The interpretation of measured red cell mass and plasma volume in patients with elevated PCV values. Pearson TC, et al. **Clin Lab Haematol** 1984;6(3):207–17

Increased red cell volume in impaired glucose tolerance: a further evidence of hematologic sequelae of altered glucose metabolism [letter] Curcio F, et al. **Diabetes Care** 1985 Mar–Apr;8(2):196

Reduced hemoglobin concentration and red cell hemoglobinization in Italian marathon and ultramarathon runners. Casoni I, et al. **Int J Sports Med** 1985 Jun; 6(3):176–9

Screening for haemoglobinopathies/thalassaemia utilising haematologic indices. Wong HB, et al. **J Singapore Paediatr Soc** 1984;26(3–4):170–5

Improved detection of early iron deficiency in nonanemic subjects. McClure S, et al. **JAMA** 1985 Feb 15; 253(7):1021–3

Automated continuous measurement of erythrocyte volume under isotonic conditions. Tatsumi N, et al. **Jpn J Physiol** 1984;34(3):529–37

Apparatus for measuring relative cell diameter. Tatsumi N, et al. **Med Biol Eng Comput** 1985 Mar;23(2):165–70

Red cell volume and plasma sodium [letter] Fleming SJ, et al. **Nephron** 1985;41(1):126

Evaluation of anemia. Getting the most out of the MCV, RDW, and other tests. Bergin JJ. **Postgrad Med** 1985 Jun; 77(8):253–4, 256, 261–9

Evaluation of a prenatal screening procedure for beta-thalassaemia carriers in a Chinese population based on the mean corpuscular volume (MCV). Ghosh A, et al. **Prenat Diagn** 1985 Jan–Feb;5(1):59–65

Gamma-glutamyltranspeptidase, aspartate aminotransferase, and erythrocyte mean corpuscular volume as indicators of alcohol consumption in liver disease. Eriksen J, et al. **Scand J Gastroenterol** 1984 Sep;19(6):813–9

[Reference ranges for leukocyte count, erythrocyte count, hemoglobin concentration, hematocrit, mean cell hemoglobin concentration and thrombocyte count] Hansen AC, et al. **Ugeskr Laeger** 1985 Apr 1;147(14):1192-4 (Eng. Abstr.) (Dan)

[Microcytosis and hypochromia and change in erythrocyte indices (letter)] Anagnou J. **Dtsch Med Wochenschr** 1985 Apr 19;110(16):657-8 (Ger)

[Absolute calibration of the Coulter procedure for the determination of mean erythrocyte volume in changed milieu conditions] Kucera W, et al. **Z Med Lab Diagn** 1984; 25(8):456-7 (Ger)

[Television method for measuring the formed elements of the blood] Kisliakov IuIa, et al. **Fiziol Zh SSSR** 1985 May; 71(5):669-73 (Rus)

[Sensitivity and specificity of erythrocyte indices in the diagnosis of iron deficiency in children and women living at 3 different altitudes] Piedras J, et al. **Rev Invest Clin** 1985 Jan-Mar;37(1):21-5 (Eng. Abstr.) (Spa)

DRUG EFFECTS

Erythrocyte mean corpuscular volume during cytotoxic therapy and the risk of secondary leukemia. de Gramont A, et al. **Cancer** 1985 Feb 1;55(3):493-5

[Changes in mean erythrocyte volume during cisplatin treatment] Vennin P, et al. **Bull Cancer (Paris)** 1985; 72(1):55-7 (Fre)

[Effect of increased blood potassium levels on various indices of the blood system in rats] Vorobel AI, et al. **Fiziol Zh** 1985 Jan-Feb;31(1):17-21 (Eng. Abstr.) (Rus)

[Erythrocyte indices in workers exposed to pesticides] Romash AV, et al. **Sov Med** 1984;(8):105-8 (Rus)

VETERINARY

Injection of iron in newborn beef calves: erythrocyte variables and weight gains with newborn-dam correlations. Reece WO, et al. **Am J Vet Res** 1984 Oct;45(10):2119-22

ERYTHROCYTE MEMBRANE

Oral Rh treatment for severely immunized mother [letter] Parinaud J, et al. **Am J Obstet Gynecol** 1984 Dec 1; 150(7):902

Development and behavior of cultured Schistosoma mansoni fed on human erythrocyte ghosts. Basch PF. **Am J Trop Med Hyg** 1984 Sep;33(5):911-7

Isolation of human erythrocyte membranes in glucose solution. Tomoda A, et al. **Anal Biochem** 1984 Aug 1; 140(2):386-90

Evidence for erythrocyte-microvesiculation in vivo. Zimmermann N, et al. **Anat Anz** 1985;158(2):117-23

Comparison and potential of hypo-osmotic and iso-osmotic erythrocyte ghosts and carrier erythrocytes as drug and enzyme carriers. Chalmers RA. **Bibl Haematol** 1985; (51):15-24

Red cell ghost-entrapped deferoxamine as a model clinical targeted delivery system for iron chelators and other compounds. Green R. **Bibl Haematol** 1985;(51):25-35

Characterization of the processed form of a ubiquitous protein displaying a variable membrane organization in erythroid cells. Allen RW, et al. **Blood** 1985 May; 65(5):1048-55

The red blood cell membrane. **Clin Haematol** 1985 Feb; 14(1):1-280

The membrane of the human neonatal red cell. Matovcik LM, et al. **Clin Haematol** 1985 Feb;14(1):203-21 (130 ref.)

Paroxysmal nocturnal haemoglobinuria. Rosse WF, et al. **Clin Haematol** 1985 Feb;14(1):105-25 (101 ref.)

The red cell membrane and the storage lesion. Wolfe L. **Clin Haematol** 1985 Feb;14(1):259-76 (74 ref.)

Large macromolecules can be introduced into cultured mammalian cells using erythrocyte membrane vesicles. Sugawa H, et al. **Exp Cell Res** 1985 Aug;159(2):410-8

Release of microvesicles from erythrocytes during storage in saline-adenine-glucose media. Trautsch C, et al. **Haematologia (Budap)** 1984;17(3):359-73

Alteration of erythrocyte membrane lipid fluidity in human obesity. Beguinot F, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1226-30

Spin probe clustering in human erythrocyte ghosts. Gordon LM, et al. **J Membr Biol** 1985;84(1):81-95

[Possible use of exclusive ghosts of autologous erythrocytes for directed transport of antibiotics] Gening TP, et al. **Antibiot Med Biotekhnol** 1985 Feb;30(2):101-2 (Eng. Abstr.) (Rus)

[Low-angle x-ray diffraction of the erythrocyte membrane] Seleznev SA. **Biofizika** 1985 Mar-Apr;30(2):289-91 (Eng. Abstr.) (Rus)

ANALYSIS

Sensitivity of individual erythrocyte membrane phospholipids to changes in fatty acid composition in chronic alcoholic patients. La Droitte P, et al. **Alcoholism (NY)** 1985 Mar-Apr;9(2):135-7

Changes in (Na+ + K+) ATPase activity and the composition of surface carbohydrates in erythrocyte membranes in alcoholics. Stibler H, et al. **Alcoholism (NY)** 1984 Nov-Dec;8(6):522-7

Altered spectrin association and membrane fragility without abnormal spectrin heat sensitivity in a case of congenital hemolytic anemia. Ravindranath Y, et al. **Am J Hematol** 1985 Sep;20(1):53-65

Human erythrocyte membrane proteins of zone 4.5 exist as families of related proteins. Whitfield CF, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C70-9

Analysis of erythrocyte protein methyl esters by two-dimensional gel electrophoresis under acidic separating conditions. O'Connor CM, et al. **Anal Biochem** 1985 Jul;148(1):79-86

Quantitation of the major proteins of the human erythrocyte membrane by amino acid analysis. Shelton RL Jr, et al. **Anal Biochem** 1984 Aug 1;140(2):366-71

Asymmetric lipid fluidity in human erythrocyte membrane: new spin-label evidence. Seigneuret M, et al. **Biochemistry** 1984 Sep 11;23(19):4271-5

Oriented reconstitution of red cell membrane proteins and assessment of their transmembrane disposition by immunoquenching of fluorescence. Darmon A, et al. **Biochim Biophys Acta** 1985 Jul 25;817(2):238-48

Selective solubilization by melittin of glycophorin A and acetylcholinesterase from human erythrocyte ghosts. Maulet Y, et al. **Biochim Biophys Acta** 1984 Dec 19; 778(3):594-601

A variant of erythrocyte membrane skeletal protein band 4.1 associated with hereditary elliptocytosis. Garbarz M, et al. **Blood** 1984 Nov;64(5):1006-15

The characterization of protein 4.1 Presles, a shortened variant of RBC membrane protein 4.1. Morlé L, et al. **Blood** 1985 Jun;65(6):1511-7

Lipid analyses and fluidity studies by electron spin resonance of red cell membranes in hereditary high red cell membrane phosphatidylcholine hemolytic anemia. Yawata Y, et al. **Blood** 1984 Nov;64(5):1129-34

Increase of oleic acid in erythrocytes associated with malignancies. Wood CB, et al. **Br Med J [Clin Res]** 1985 Jul 20;291(6489):163-5

The patterns of expression of two ankyrin isoforms demonstrate distinct steps in the assembly of the membrane skeleton in neuronal morphogenesis. Nelson WJ, et al. **Cell** 1984 Dec;39(2 Pt 1):309-20

A rapid method for erythrocyte membrane phospholipid determination. Cynamon HA, et al. **Clin Chim Acta** 1984 Dec 15;144(1):65-70

A simplified procedure for estimation of lipid phosphorus in erythrocyte membranes. Feuerstein H, et al. **Clin Chim Acta** 1984 Dec 29;144(2-3):249-53

Spectrin extractability from erythrocytes in Duchenne muscular dystrophy patients and carriers and in other myopathies. Gargioni G, et al. **Clin Chim Acta** 1985 Feb 15;145(3):259-65

Hereditary elliptocytosis and related disorders. Palek J. **Clin Haematol** 1985 Feb;14(1):45-87 (119 ref.)

Red cell membrane biology—introduction. Schrier SL. **Clin Haematol** 1985 Feb;14(1):1-12 (59 ref.)

Plasma membrane phospholipid organization in human erythrocytes. Schwartz RS, et al. **Curr Top Hematol** 1985; 5:63-112 (162 ref.)

Effects of human erythrocyte guanine nucleotide-binding regulatory protein on parathyroid hormone-responsive adenylate cyclase from canine renal cortex. Levine MA, et al. **Endocrinology** 1984 Oct;115(4):1386-91

Purification and structures of branched blood-group-B-active glycosphingolipids from human erythrocyte membranes. Hanfland P, et al. **Eur J Biochem** 1984 Dec 17;145(3):531-42

Structure determination of oligosaccharides isolated from Cad erythrocyte membranes by permethylation analysis and 500-MHz 1H-NMR spectroscopy. Herkt F, et al. **Eur J Biochem** 1985 Jan 2;146(1):125-9

Exposure of the major human red-cell glycolipid, globoside, to galactose oxidase. Lampio A, et al. **Eur J Biochem** 1984 Nov 15;145(1):77-82

Preparation of red-cell-membrane cytoskeletal constituents and characterisation of protein 4.1. Ohanian V, et al. **Eur J Biochem** 1984 Oct 15;144(2):375-9

An examination of the soluble oligomeric complexes extracted from the red cell membrane and their relation to the membrane cytoskeleton. Beaven GH, et al. **Eur J Cell Biol** 1985 Mar;36(2):299-306

Ca2+ antagonist receptor sites on human red blood cell membranes. Striessnig J, et al. **Eur J Pharmacol** 1985 Feb 5;108(3):329-30

Tightly bound fatty acids in the erythrocyte membrane proteins in myotonic dystrophy. Antoku Y, et al. **Exp Neurol** 1985 Feb;87(2):206-11

The phospholipid organisation in the membranes of McLeod and Leach phenotype erythrocytes. Kuypers FA, et al. **FEBS Lett** 1985 May 6;184(1):20-4

Phase transitions in spherical bilayer membranes prepared of bulk erythrocyte membrane lipids. Langner M, et al. **Gen Physiol Biophys** 1984 Dec;3(6):521-6

Osmotic resistance of rat erythrocytes in hyperinsulinism and streptozotocin-diabetes as compared with cholesterol and sialic acid contents of erythrocyte ghosts. Sosin D, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:89-91

The erythrocyte membrane skeleton: biochemistry. Lux S, et al. **Hosp Pract [Off]** 1984 Oct;19(10):77-83

Grandeur in the red blood cell. Young LE. **Hosp Pract [Off]** 1984 Oct;19(10):16-7, 20, 22

Isolation and structural characterization of the equine erythrocyte receptor for enterotoxigenic Escherichia coli K99 fimbrial adhesin. Smit H, et al. **Infect Immun** 1984 Nov;46(2):578-84

Selective spin labeling of terminal galactose and N-acetylgalactosamine residues on the membrane surface of erythrocytes. Farmer BT 2d, et al. **J Biochem Biophys Methods** 1984 Nov;10(1-2):111-20

Isolation of fucosyl glycoproteins from human erythrocyte membranes by affinity chromatography using Aleuria aurantia lectin. Yazawa S, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1737-42

Purification of a human plasma membrane glycoprotein from human red blood cells by affinity chromatography using a monoclonal antibody. McIlhinney RA, et al. **J Biol Chem** 1985 Jan 10;260(1):489-94

In vivo recognition and clearance of red blood cells containing phosphatidylserine in their plasma membranes. Schroit AJ, et al. **J Biol Chem** 1985 Apr 25;260(8):5131-8

Orientation of the glucose transporter in the human erythrocyte membrane. Investigation by in situ proteolytic dissection. Shanahan MF, et al. **J Biol Chem** 1984 Nov 25;259(22):13878-84

Phospholipid asymmetry in human erythrocyte ghosts. Williamson P, et al. **J Cell Physiol** 1985 May;123(2):209-14

Fractionation of human red cell membrane proteins by ion-exchange chromatography in detergent on Mono Q, with special reference to the glucose transporter. Lundahl P, et al. **J Chromatogr** 1984 Aug 3;297:129-37

A study on erythrocyte membrane plasmalogen in myotonic dystrophy. Antoku Y, et al. **J Neurochem** 1985 Jun; 44(6):1667-71

Membrane abnormalities in the psychoses and affective disorders. Hitzemann R, et al. **J Psychiatr Res** 1984; 18(3):319-26

Methods for the determination of the specific radioactivity of radioligands. Bürgisser E. **J Recept Res** 1984; 4(1-6):357-69

Isolation of D-aspartic acid beta-methyl ester from erythrocyte carboxyl methylated proteins. Clarke S, et al. **Methods Enzymol** 1984;106:330-44

The fatty acid composition in the red cell membrane of the patients with paroxysmal nocturnal hemoglobinuria. Shinohara K, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):853-7

In vitro study on the membrane of spur cells. Takemoto Y, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):858-67

Quantitative relationships between the concentration of proteins and the concentration of K+ and Na+ in red cell ghosts. Ling GN, et al. **Physiol Chem Phys Med NMR** 1984;16(5):381-92

Structural and functional features of the alpha-1 domain from human erythrocyte spectrin. Speicher DW. **Prog Clin Biol Res** 1984;165:441-56

Polarization optical analysis of blood cell membranes. Makovitzky J. **Prog Histochem Cytochem** 1984;15(3):1-100 (438 ref.)

Qualitative and quantitative analysis of erythrocyte surface membrane sialyl residues using affinity cytochemistry with special reference to diabetic patients. Suganuma T, et al. **Virchows Arch [Cell Pathol]** 1985;49(1):1-11

The relationship to knobs of the 92,000 D protein specific for knobby strains of Plasmodium falciparum. Vernot-Hernandez JP, et al. **Z Parasitenkd** 1985; 71(1):41-51

[Spectrin of the erythrocyte membrane] Wang XM. **Sheng Li Ko Hsueh Chin Chan** 1984 Apr;15(2):169-71 (Chi)

[Contents and patterns of gangliosides in the membranes of human erythrocytes] Schultz H, et al. **Biomed Biochim Acta** 1984;43(10):1127-34 (Eng. Abstr.) (Ger)

[Lipid composition and fluidity of the erythrocyte membrane in the elderly] Terranova R, et al. **Ric Clin Lab** 1985;15 Suppl 1:327-34 (Eng. Abstr.) (Ita)

[Changes in red blood cell membrane properties during cardiopulmonary bypass for open-heart surgery] Takata R, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Aug 32(8):1199-204 (Eng. Abstr.) (Jpn)

[The measurement of N-protein activity in plasma membranes: the comparison of assay methods by reconstitution of cyc- membranes and cholera toxin-catalyzed ADP ribosylation] Akita Y, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Jun 20;60(6):788-9 (Eng. Abstr.) (Jpn)

[A case of congenital hemolytic anemia with red cell membrane lipid abnormalities (increased phosphatidyl choline and free cholesterol) associated with enhanced sodium transport] Haneda Y, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1692-8 (Eng. Abstr.) (Jpn)

[Characteristics of the phospholipid composition of erythrocyte membranes in Duchenne's progressive muscular dystrophy] Badalian LO, et al. **Pediatriia** 1984 Oct;(10):28-30 (Eng. Abstr.) (Rus)

[Structuro-functional characteristics of biological membranes in mucoviscidosis in children] Reznik BIa. **Pediatriia** 1984 Oct;(10):22-5 (Eng. Abstr.) (Rus)

DRUG EFFECTS

Effect of thiol-reactive reagents on the permeability of fish erythrocyte membrane for spin-labelled non-electrolytes. Gwoździński K. **Acta Biochim Pol** 1985;32(2):127-30

Cation permeability and mechanical properties of the erythrocyte membrane under the influence of lysophosphatidylcholine (LPC) in isotonic and hypotonic media. Eskelinen S, et al. **Acta Physiol Scand** 1984 Dec; 122(4):527-34

Membrane expansion as a mechanism explaining the antisickling action of ticlopidine observed in vitro. Sablayrolles M, et al. **Am J Hematol** 1985 Feb;18(2):121-30

The effects of dietary omega-3 polyunsaturated fatty acids on erythrocyte membrane phospholipids, erythrocyte deformability and blood viscosity in healthy volunteers. Cartwright IJ, et al. **Atherosclerosis** 1985 Jun;55(3):267-81

N-ethylmaleimide causes mechanical fragility and accumulation of spectrin dimers in the rat erythrocyte membrane. Kalraiya RD, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):157-62

Entrapping of the spin label tempocholine into human erythrocytes by resealing after hyposmolar stress. Comparison with haemolysis. The effects of some membrane-active substances. Lagercrantz C, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):31-8

pH dependence of phosphate transport across the red blood cell membrane after modification by dansyl chloride. Berghout A, et al. **Biochim Biophys Acta** 1985 May 14; 815(2):281-6

The alteration of membrane proteins in human erythrocyte membranes induced by quinolinic acid, an endogenous neurotoxin. Correlation of effect with structure. Farmer BT 2d, et al. **Biochim Biophys Acta** 1984 Dec 5;778(2):260-8

Modification of the erythrocyte membrane by a non-specific lipid transfer protein. Franck PF, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):405-11

Lead-induced activation and inhibition of potassium-selective channels in the human red blood cell. Shields M, et al. **Biochim Biophys Acta** 1985 May 14; 815(2):223-32

Peroxide-induced membrane damage in human erythrocytes. van der Zee J, et al. **Biochim Biophys Acta** 1985 Aug 8; 818(1):38-44

Intracellular gas supersaturation tolerances of erythrocytes and resealed ghosts. Hemmingsen BB, et al. **Biophys J** 1985 Apr;47(4):491-6

Evaluation of covalent antisickling compounds by PO2 scan ektacytometry. Johnson RM, et al. **Blood** 1985 Aug; 66(2):432-8

A spin label study of the effects of asbestos, quartz, and titanium dioxide dusts on the bovine erythrocyte membrane. Leyko W, et al. **Br J Ind Med** 1985 Apr; 42(4):281-4

In vivo and in vitro studies of bacterial endotoxin-membrane interactions and the effects of membrane-active agents. Garnett ME, et al. **Br J Pharmacol** 1984 Sep;83(1):15-21

Dynamic changes of the chicken erythrocyte membranes induced by N-methyl-N-aryl-N-nitrosoureas and their tumorigenicity. Yano K, et al. **Cancer Lett** 1985 Apr; 26(3):261-8

Shape change of human erythrocytes induced by phosphatidylcholine and lysophosphatidylcholine species with various acyl chain lengths. Fujii T, et al. **Cell Biochem Funct** 1984 Jul;2(3):171-6

Effects of derivatives of hydroxypyruvaldehyde phenylosazone on bovine erythrocyte membrane. II. Stabilization of sphingomyelinase C-treated or untreated cells examined by coil planet centrifugation and electron microscopy. Ikezawa H, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2307-15

Cell membrane changes after in vivo acute Na+ load in normotensive and spontaneously hypertensive rats. De Mendonca M, et al. **Clin Exp Hypertens [A]** 1984; 6(9):1559-74

Enhanced adenylate cyclase activity of turkey erythrocytes following treatment with beta-adrenergic receptor antagonists. Peters JR, et al. **Eur J Pharmacol** 1984 Dec 15;107(1):43-52

The interaction of copper chloride with erythrocyte membrane as a source of activated oxygen species. A chemiluminescent study. Ribarov SR, et al. **Gen Physiol Biophys** 1984 Oct;3(5):431-5

In vitro study of ticlopidine, as a model of antisickling action of platelet antiaggregant. Sablayrolles M, et al. **Haematologia (Budap)** 1984;17(2):199-207

Mechanism of membrane damage by streptolysin-O. Bhakdi S, et al. **Infect Immun** 1985 Jan;47(1):52-60

Interaction of silicate dust with erythrocyte ghost membrane: in vitro studies. Singh SV, et al. **J Appl Toxicol** 1984 Oct; 4(5):236-40

Interaction of brown recluse spider venom on cell membranes: the inciting mechanism? Rees RS, et al. **J Invest Dermatol** 1984 Oct;83(4):270-5

Functional evidence for distinct interaction of hydrophobic arylisothiocyanates with the erythrocyte anion transport protein. Cacciola SO, et al. **J Membr Biol** 1984;81(2):139-47

Influence of lead ions on cation permeability in human red cell ghosts. Simons TJ. **J Membr Biol** 1985;84(1):61-71

Effect of gossypol on erythrocyte membrane function: specific inhibition of inorganic anion exchange and interaction with band 3. Haspel HC, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):575-83

Membrane stabilizing action of NCO-650 and its congeners. Arakawa K, et al. **Jpn J Pharmacol** 1984 Nov;36(3):311-8

Effect of ethanol on calcium metabolism in rat erythrocyte ghosts. Pande U, et al. **Physiol Chem Phys Med NMR** 1984; 16(6):463-7

The influence of copper-dextran complex (C-79), non-steroid anti-inflammatory drugs and bacterial pyrogen on stabilization of rabbit erythrocyte membrane. Debowy J, et al. **Pol J Pharmacol Pharm** 1985 Jan-Feb;37(1):33-40

Membrane effects of various drugs on isolated rat hepatocytes and erythrocytes. Yasuhara H, et al. **Toxicol Appl Pharmacol** 1985 Jul;79(3):453-60

Interaction of streptolysin-O with biomembranes: kinetic and morphological studies on erythrocyte membranes. Niedermeyer W. **Toxicon** 1985;23(3):425-39

[Effects of some psychotropic drugs on the osmotic stability and membrane expansion of human erythrocyte membrane] Song TS, et al. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar; 6(1):19-24 (Eng. Abstr.) **(Chi)**

[Effects of endotoxin on rat erythrocyte membrane fluidity] Kadota Y. **Masui** 1985 Mar;34(3):292-300 (Eng. Abstr.) **(Jpn)**

[The influence of dietary sardine oil (eicosapentaenoic acid) on the erythrocyte membrane fluidity in diabetic patients] Otsuji S, et al. **Rinsho Byori** 1984 Jul;32(7):764-71 **(Jpn)**

[Changes in the membrane surface charge and the potentiation of phospholipase A2 as affected by the cytotoxin from the venom of the Central Asian cobra] Krasil'nikov OV, et al. **Biol Nauki** 1985;(3):24-7 (Eng. Abstr.) **(Rus)**

[Extraction of cholesterol from biological membranes with positively charged micelles of phosphatidylcholine] Borodin EA, et al. **Biull Eksp Biol Med** 1985 Feb; 99(2):164-6 (Eng. Abstr.) **(Rus)**

[Erythrocyte membranes during malignant growth] Zhuravlev AK, et al. **Biull Eksp Biol Med** 1984 Nov; 98(11):596-8 (Eng. Abstr.) **(Rus)**

[Changes in erythrocyte form as affected by the pesticide sodium pentachlorophenolate (scanning electron microscopy)] Gendel' LIa, et al. **Dokl Akad Nauk SSSR** 1984;277(2):493-6 **(Rus)**

[Interaction of vasoactive substances with phospholipid and erythrocyte membranes] Petrov VK. **Farmakol Toksikol** 1985 Mar-Apr;48(2):72-7 (Eng. Abstr.) **(Rus)**

[Effect of vasodilator preparations on the ATPase activity of the erythrocyte membranes of rabbits with experimental vascular pathology] Rachkov AK, et al. **Farmakol Toksikol** 1985 May-Jun;48(3):58-61 (Eng. Abstr.) **(Rus)**

[Effect of the delta-sleep peptide on erythrocyte membrane function during low-temperature exposure] Bondarenko TI, et al. **Fiziol Zh SSSR** 1985 Mar;71(3):279-82 (Eng. Abstr.) **(Rus)**

[Solubilizing capacity of biomembranes in relation to organic nonelectrolytes differing in their hydrophobic properties (the spin label method)] Gendel' LIa, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Jul-Aug;(4):522-8 (Eng. Abstr.) **(Rus)**

[Calcium sensitivity and aggregative capacity of thrombocytes in rats with spontaneous hypertension at rest and under stress] Rozenberg AE, et al. **Kardiologiia** 1984 Oct;24(10):99-101 **(Rus)**

[Spectrophotometric study of intact and trypsin-treated erythrocyte membranes using a phthalocyanine dye] Kirpichnikova KM, et al. **Tsitologiia** 1984 Aug;26(8):914-9 (Eng. Abstr.) **(Rus)**

[Theoretical basis for using unsaturated phospholipids for restoring the structure and functions of damaged biological membranes] Borodin EA, et al. **Vestn Akad Med Nauk SSSR** 1985;(3):84-90 (Eng. Abstr.) **(Rus)**

[Effect of undevit on the permeability of potassium and sodium cations across erythrocyte membranes in bronchial asthma patients] Borisko AS, et al. **Vrach Delo** 1984 Sep; (9):68-70 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Membrane-bound 2',3',-cyclic nucleotide 3'-phosphohydrolase activity of lymphocytes, granulocytes and erythrocytes in multiple sclerosis. Rastogi SC, et al. **Acta Neurol Scand** 1985 Apr;71(4):303-8

Properties of human erythrocyte Ns and Ni, the regulatory components of adenylate cyclase, as purified without regulatory ligands. Hildebrandt JD, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:87-101

Method for the preparation of human erythrocyte membrane with low basal calcium ATPase, responsive to stimulation. Thaker JH. **Anal Biochem** 1985 Jan;144(1):94-7

Ca2+-stimulated phospholipid phosphoesterase activities in rabbit erythrocyte membranes. Quist E. **Arch Biochem Biophys** 1985 Jan;236(1):140-9

Acetylcholinesterase activity in patients with torsion dystonia. Measurement in erythrocyte membranes. Maltese WA, et al. **Arch Neurol** 1985 Feb;42(2):154-5

Limited proteolysis of human erythrocyte Ca2+-ATPase in membrane-bound form. Identification of calmodulin-binding fragments. Emelyanenko EI, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):214-9

Interaction of Cd2+ with the calmodulin-activated (Ca2+ + Mg2+)-ATPase activity of human erythrocyte ghosts. Akerman KE, et al. **Biochim Biophys Acta** 1985 Apr 22; 845(1):48-53

Inhibition of erythrocyte plasma membrane NADH dehydrogenase by nucleotides and uncouplers. Howland JL, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):400-4

Target sizes of human erythrocyte membrane Ca2+-ATPase and Mg2+-ATPase activities in the presence and absence of calmodulin. Hymel L, et al. **Biochim Biophys Acta** 1985 May 28;815(3):461-7

Quantitative characterization of the interactions of aldolase and glyceraldehyde-3-phosphate dehydrogenase with erythrocyte membranes. Kelley GE, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):67-73

Synthesis of ATP catalyzed by the (Ca2+ + Mg2+)-ATPase from erythrocyte ghosts. Energy conservation in plasma membranes. Mas-Oliva J. **Biochim Biophys Acta** 1985 Jan 10;812(1):163-7

Compound 48/80 and calmodulin modify the interaction of ATP with the (Ca2+ + Mg2+)-ATPase of red cell membranes. Rossi JP, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):379-86

Stimulation of (Ca2+ + Mg2+)-ATPase activity in human erythrocyte membranes by synthetic lysophosphatidic acids and lysophosphatidylcholines. Effects of chain length and degree of unsaturation of the fatty acid groups. Tokumura A, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):568-74

Evidence against involvement of the human erythrocyte plasma membrane Ca2+-ATPase in Ca2+-dependent K+ transport. Verma AK, et al. **Biochim Biophys Acta** 1985 Apr 26;815(1):135-8

Characterization of an active hydrophilic erythrocyte membrane acetylcholinesterase obtained by limited proteolysis of the purified enzyme. Weitz M, et al. **Biochim Biophys Acta** 1984 Sep 19;776(1):65-74

Purification and characterization of acid proteinase from human erythrocyte membranes. Yamamoto K, et al. **Biochim Biophys Acta** 1984 Nov 9;790(3):208-18

Characteristics of phospholipid methylation in human erythrocyte ghosts: relationship(s) to the psychoses and affective disorders. Hitzemann R, et al. **Biol Psychiatry** 1985 Apr;20(4):397-407

Erythrocyte membrane sodium-potassium and magnesium ATPase in primary affective disorder. Thakar JH, et al. **Biol Psychiatry** 1985 Jul;20(7):734-40

Characterisation of a blood-group A-active tetrasaccharide synthesised by a blood-group B gene-specified glycosyltransferase. Yates AD, et al. **Carbohydr Res** 1984 Jul 15;130:251-60

Erythrocyte cytosolic free Ca2+ and plasma membrane Ca2+-ATPase activity in cystic fibrosis. Waller RL, et al. **Cell Calcium** 1985 Jun;6(3):245-64

ATPase activity of erythrocyte membrane in patients with trisomy 21 (Down's syndrome). Xue QM, et al. **Clin Genet** 1984 Nov;26(5):429-32

Interactions of the human red cell membrane tyrosine kinase with heparin. Boivin P, et al. **FEBS Lett** 1985 Jul 1; 186(1):89-92

Cooperative calcium binding and calmodulin regulation in the calcium-dependent adenosine triphosphatase purified from the erythrocyte membrane. Kosk-Kosicka D, et al. **FEBS Lett** 1985 Sep 9;189(1):67-71

Targeting of enzyme immobilized on erythrocyte membrane to collagen-coated surface. Muzykantov VR, et al. **FEBS Lett** 1985 Mar 11;182(1):62-6

The histochemical detection of acetylcholine esterase--an indicator of the disintegration of membranes. Halbhuber KJ, et al. **Folia Histochem Cytobiol** 1984;22(3-4):187-90

Peroxidative changes in erythrocytic enzymes in Plasmodium berghei induced malaria in mice. Nair CR, et al. **Indian J Med Res** 1984 Dec;80:627-31

Effect of simultaneous administration of vitamin E and pyridoxine on erythrocyte membrane Na+K+ ATPase activity. Nadiger HA, et al. **Int J Vitam Nutr Res** 1984; 54(4):307-11

Human erythrocyte membrane acid proteinase (EMAP): sidedness and relation to cathepsin D. Yamamoto K, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):821-30

A transmembranous NADH-dehydrogenase in human erythrocyte membranes. Grebing C, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):517-33

Effects of affinity-purified antibodies on the Ca2+ pumping ATPase of erythrocyte membranes. Verma AK, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):365-78

Phosphorylation of the Ca2+-pumping ATPase of heart sarcolemma and erythrocyte plasma membrane by the cAMP-dependent protein kinase. Neyses L, et al. **J Biol Chem** 1985 Aug 25;260(18):10283-7

Erythrocyte sodium/potassium adenosine triphosphatase in thyroid disease and nonthyroidal illness. Dasmahapatra A, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):110-5

Inhibition of complement activation on the surface of cells after incorporation of decay-accelerating factor (DAF) into their membranes. Medof ME, et al. **J Exp Med** 1984 Nov 1;160(5):1558-78

Properties of acyl-coenzyme A:1-acylglycerophosphate acyltransferase and lipases in porcine erythrocyte membranes. Mizuno M, et al. **J Lipid Res** 1984 Aug; 25(8):843-50

Erythrocyte acetylcholinesterase activity in experimental dogs infected with hookworm [letter] Areekul S, et al. **J Med Assoc Thai** 1984 Aug;67(8):461-3

Adsorption of peripheral enzymes to membrane anchor proteins. Kurganov BI. **J Theor Biol** 1984 Dec 21; 111(4):707-23

Effect of benzyl alcohol on adenosine triphosphatase, p-nitrophenylphosphatase and acetylcholinesterase in rat erythrocyte membrane. Tanaka R. **J Toxicol Sci** 1984 May; 9(2):109-16

Erythrocyte membrane ATPase activity of G6PD-deficient individuals and the effect of primaquine metabolite(s) on membrane ATPase enzymes. Akoğlu T, et al. **J Trop Med Hyg** 1984 Oct;87(5):219-24

The fatty acid composition of red cells deficient in glucose-6-phosphate dehydrogenase and their susceptibility to lipid peroxidation. Clemens MR, et al. **Klin Wochenschr** 1985 Jul 1;63(13):578–82

Interaction of phenylglyoxal with the human erythrocyte (Ca2+ + Mg2+)-ATPase. Evidence for the presence of an essential arginyl residue. Raess BU, et al. **Mol Pharmacol** 1985 Apr;27(4):444–50

Inhibition of Ca++-ATPase of rat erythrocyte membranes by k-opioid agonists. Yamasaki Y, et al. **Neuropeptides** 1985 Feb;5(4–6):359–62

Erythrocyte membrane associated enzymes of hemolytic anemias: ATPases, AMP deaminase and GAPD. Asai T, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):12–21

Calcium-ATPase activity in cystic fibrosis erythrocyte membranes: decreased activity in patients with pancreatic insufficiency. Dearborn DG, et al. **Pediatr Res** 1984 Sep; 18(9):890–5

Effect of captopril on Na-K ATPase and Mg ATPase activities of erythrocyte ghost membranes. Santoro FM, et al. **Pharmacol Res Commun** 1985 Apr;17(4):323–30

Effects of nitroheterocyclic sensitizers on erythrocyte membranes ATP-ase activity. Rybczyńska M, et al. **Pol J Pharmacol Pharm** 1984 Jul–Aug;36(4):307–12

A dual role for the Ca2+-requiring proteinase in the degradation of hemoglobin by erythrocyte membrane proteinases. Pontremoli S, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6714–7

Ca-dependent inhibitor of the Na+K ATPase extracted from human red cell membranes: distinction and independence from calmodulin. Yingst DR, et al. **Prog Clin Biol Res** 1984; 168:127–32

Level of the A, B and H blood group glycosyltransferases in red cell membranes from patients with malignant hemopathies. Salmon C, et al. **Rev Fr Transfus Immunohematol** 1984 Oct;27(5):625–37

Calcium-ATPase activity in erythrocyte ghosts from patients with familial benign hypercalcaemia. Mole PA, et al. **Scand J Clin Lab Invest** 1985 Jun;45(4):349–53

[Proteins and phospholipids of thrombocytes and erythrocytes in glucose-6-phosphate dehydrogenase deficient patients] Spangenberg P, et al. **Folia Haematol (Leipz)** 1984;111(6):774–81 (Eng. Abstr.) **(Ger)**

[Regulation of adenosine triphosphatase activity in mitochondria, chloroplasts and erythrocytes by anions, adenosine diphosphate and alcohols] Ivashchenko AT, et al. **Biokhimiia** 1985 Jun;50(6):903–10 (Eng. Abstr.) **(Rus)**

[Heterologous desensitization of pigeon erythrocyte adenylate cyclase by the catalytic subunit of cAMP-dependent protein kinase.] Popov KM, et al. **Biokhimiia** 1985 Mar;50(3):443–6 (Eng. Abstr.) **(Rus)**

[Desensitization of adenylate cyclase of pigeon erythrocytes under the effects of isoproterenol and cAMP] Popov KM, et al. **Biokhimiia** 1984 Sep;49(9):1561–6 (Eng. Abstr.) **(Rus)**

[Functional changes of components of the adenylate cyclase complex during heterologous desensitization by isoproterenol] Popov KM, et al. **Biokhimiia** 1984 Oct; 49(10):1719–26 (Eng. Abstr.) **(Rus)**

[Ca2+, Mg2+-ATPase activity of the erythrocyte membrane in patients with lung cancer] Semenchuk DD. **Eksp Onkol** 1984;6(3):72–3 (Eng. Abstr.) **(Rus)**

[Effect of botulinum toxin on the activity of transport ATPases in biological membranes] Chesnokova NP, et al. **Vopr Med Khim** 1985 Jan–Feb;31(1):65–8 (Eng. Abstr.) **(Rus)**

[Properties of erythrocyte anion ATPase] Ivashchenko AT, et al. **Vopr Med Khim** 1985 Jan–Feb;31(1):117–21 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Application of immune-adherence haemagglutination assay to study genetic variability of C3b receptor on human erythrocytes. Nowak JS. **Acta Anthropogenet** 1983; 7(4):309–17

Activity of immunoglobulin G-coated red cell ghosts containing pentamidine against macrophage-contained Leishmania in vitro. Berman JD, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1112–8

Mouse erythrocyte membrane sialoglycoproteins and their involvement in the interaction with mouse rosette forming human lymphocytes. Krotkiewski H, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(5):613–20

Autoantibody-specific suppressor cells are elicited by membrane components of rat RBC independently of circulating autoantibodies but TNP-specific suppressors are not elicited by TNP-rat RBC. Howles A, et al. **Aust J Exp Biol Med Sci** 1984 Aug;62 (Pt 4):429–43

The B4 lectin from Vicia villosa seeds interacts with N-acetylgalactosamine residues on erythrocytes with blood group Cad specificity. Tollefsen SE, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1099–106

Proteolysis of band 3 is enhanced by anti-Rho(D) binding to the red cell membrane. Victoria EJ, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):437–42

Altered membrane sialoglycoproteins in human erythrocytes lacking the Gerbich blood group antigens. Dahr W, et al. **Biol Chem Hoppe Seyler** 1985 Feb;366(2):201–11

High frequency antigens of human erythrocyte membrane sialoglycoproteins. I. Ena receptors in the glycosylated domain of the MN sialoglycoprotein. Dahr W, et al. **Biol Chem Hoppe Seyler** 1985 Jan;366(1):41–51

IgG receptor expression during in vitro ageing of erythrocytes. Klinger M, et al. **Biomed Biochim Acta** 1984; 43(6):S88–90

Cryptic I antigen activity and Mycoplasma pneumoniae-receptor activity associated with sialoglycoprotein GP-2 of bovine erythrocyte membranes. Feizi T, et al. **Biosci Rep** 1984 Sep;4(9):743–9

Late expression of M and N antigens on glycophorin A during erythroid differentiation. Ekblom M, et al. **Blood** 1985 Jul;66(1):233–6

Red blood cell membrane-bound IgG: demonstration of antibodies in patients with autoimmune haemolytic anaemia and immune complexes in patients with rheumatic diseases. Hansen OP, et al. **Clin Lab Haematol** 1984;6(4):341–9

Interaction of Mycoplasma pneumoniae with erythrocyte glycolipids of I and i antigen types. Loomes LM, et al. **Infect Immun** 1985 Jan;47(1):15–20

Absence from sera from normal individuals or from rifampin-treated leprosy patients (THELEP trials) of antibody to rifamycin-protein or rifamycin-membrane conjugates. Rook GA. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):22–7

Immunochemistry of I/i-active oligo- and polyglycosylceramides from rabbit erythrocyte membranes. Characterization of linear, di-, and triantennary neolactoglycosphingolipids. Egge H, et al. **J Biol Chem** 1985 Apr 25;260(8):4927–35

Lea-active heptaglycosylceramide, a hybrid of type 1 and type 2 chain, and the pattern of glycolipids with Lea, Leb, X (Lex), and Y (Ley) determinants in human blood cell membranes (ghosts). Evidence that type 2 chain can elongate repetitively but type 1 chain cannot. Kannagi R, et al. **J Biol Chem** 1985 May 25;260(10):6410–5

An antigen of Plasmodium yoelii that translocates into the mouse erythrocyte membrane upon entry into the host cell. Murakami K, et al. **J Cell Sci** 1985 Feb;73:311–20

Knob-positive and knob-negative Plasmodium falciparum differ in expression of a strain-specific malarial antigen on the surface of infected erythrocytes. Aley SB, et al. **J Exp Med** 1984 Nov 1;160(5):1585–90

The Wrb antigen in Sta-positive and Dantu-positive human erythrocytes. Ridgwell K, et al. **J Immunogenet** 1984 Oct–Dec;11(5–6):365–70

The membrane attack complex of complement: C5b-8 complex as accelerator of C9 polymerization. Tschopp J, et al. **J Immunol** 1985 Jan;134(1):495–9

Thiopental-related immune hemolytic anemia and renal failure. Specific involvement of red-cell antigen I. Habibi B, et al. **N Engl J Med** 1985 Feb 7;312(6):353–5

ABO.MN antigenicities and lectin receptor activities of old and young human erythrocytes. Shinozuka T, et al. **Nippon Hoigaku Zasshi** 1984 Aug;38(4):397–402

Localization of senescent cell antigen on band 3. Kay MM. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5753–7

HLA antigens on peripheral red blood cells: analysis by flow cytofluorometry using monoclonal antibodies. de Villartay JP, et al. **Tissue Antigens** 1985 Jul;26(1):12–9

Availability of the inner surface of the red cell membrane to antibodies in digitonin ghosts. Studies on D-negative cells with anti-D. Araszkiewicz P, et al. **Transfusion** 1985 Jul–Aug;25(4):360–3

Destruction of the S antigen by sodium hypochlorite. Rygiel SA, et al. **Transfusion** 1985 May–Jun;25(3):274–7

Detection of antibodies against membrane-glycoproteins of swine erythrocytes after experimental infection with Mycoplasma hyopneumoniae. Baumgartner A, et al. **Vet Immunol Immunopathol** 1984 Aug;7(1):73–9

Evidence for sialylated type 1 blood group chains on human erythrocyte membranes revealed by agglutination of neuraminidase-treated erythrocytes with Waldenström's macroglobulin IgMWOO and hybridoma antibody FC 10.2. Picard JK, et al. **Vox Sang** 1985;48(1):26–33

[Monoclonal antibodies to antigens of mouse erythroblasts] Mechetner EB, et al. **Dokl Akad Nauk SSSR** 1985; 282(2):476–80 **(Rus)**

[Staphylococcal immunoadhesion test and its use in a toxicological experiment] Ashel'rod AA, et al. **Gig Tr Prof Zabol** 1984 Dec;(12):47–8 **(Rus)**

METABOLISM

Abnormalities of the erythrocyte membrane phospholipids in Friedreich's ataxia. Firenze C, et al. **Acta Neurol Scand** 1984 Sep;70(3):197–200

Red cell membrane lipid peroxidation and hemolysis secondary to phototherapy. Ostrea EM Jr, et al. **Acta Paediatr Scand** 1985 May;74(3):378–81

Role of free radical scavengers on phenylhydrazine induced hemolysis in rat. Imanishi H, et al. **Acta Vitaminol Enzymol** 1985;7(1–2):71–5

Secondary CO2 diffusion following HCO3- shift across the red cell membrane. Mochizuki M, et al. **Adv Exp Med Biol** 1984;180:369–79

Erythrocyte membrane phosphorylation in aging rats. Kumar R. **Am J Hematol** 1985 Jan;18(1):19–30

Drugs affecting bilirubin uptake by human erythrocyte ghosts. Karp WB, et al. **Am J Med Sci** 1985 Jun; 289(6):236–9

Passive sodium and potassium movements in sickle erythrocytes. Berkowitz LR, et al. **Am J Physiol** 1985 Sep; 249(3 Pt 1):C208–14

Baboon erythrocyte ghosts contain beta-adrenergic receptors. Susanni EE, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C15–9

Alzheimer's disease: no alteration in the physical state of erythrocyte membrane glycoconjugates [letter] Butterfield DA, et al. **Ann Neurol** 1985 Jul;18(1):104–5

Alterations in membrane protein and phosphorylation pattern in beta-thalassemic red blood cells. Erusalimsky J, et al. **Ann NY Acad Sci** 1985;445:81–91

The human erythrocyte ghost: a new experimental model for studying adenosine transport. Fernandez-Rivera-Rio L, et al. **Arch Biochem Biophys** 1985 Jul;240(1):246–56

Lipid photooxidation in erythrocyte ghosts: sensitization of the membranes toward ascorbate- and superoxide-induced peroxidation and lysis. Girotti AW, et al. **Arch Biochem Biophys** 1985 Jan;236(1):238–51

Accessibility of sulfhydryl residues induced by cytochalasin B binding and conformational dynamics in the human erythrocyte glucose transporter. Pinkofsky HB, et al. **Arch Biochem Biophys** 1985 Jul;240(1):94–101

Spin-labeled erythrocyte membranes: direct identification of nitroxide-conjugated proteins. Barber MJ, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):793–8

Complement channels in membranes: inhibition with a monoclonal antibody to a neoantigen of polymerized C9. Dalmasso AP, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):1013–9

Phosphorylation of glycophorin A in membranes of intact human erythrocytes. Dzandu JK, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):878–84

A re-examination of the effects of chymotrypsin and trypsin on the erythrocyte membrane surface topology. Dzandu JK, et al. **Biochem Biophys Res Commun** 1985 Jan 16; 126(1):50–8

Introduction of macromolecules into hemopoietic stem cells with an erythrocyte-ghost-mediated system. Hosoi T, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):193–8

Binding to erythrocyte membrane is the physiological mechanism for activation of Ca2+-dependent neutral proteinase. Pontremoli S, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):331–8

The interaction of calmodulin with erythrocyte membrane proteins. Husain A, et al. **Biochem Int** 1985 Jan;10(1):1–12

Molecular heterogeneity of the concanavalin A tetramer: effects on binding to human red blood cells. Phillips PG, et al. **Biochem Int** 1983 Nov;7(5):549–55

Lipid organization in erythrocyte membrane microvesicles. Scott S, et al. **Biochem J** 1984 Nov 15;224(1):285–90

Effect of erythropoietin on the lipid composition of red blood cell membrane. Ghosal J, et al. **Biochem Med** 1984 Aug; 32(1):1–14

Alterations in erythrocyte membrane lipids in abetalipoproteinemia: phospholipid and fatty acyl composition. Iida H, et al. **Biochem Med** 1984 Aug; 32(1):79–87

Red cell membrane proteins in insulin-dependent diabetes: differential effects of treatment with calcium and various proteases. Jones GL. **Biochem Med** 1984 Dec;32(3):398–403

An essential requirement for ferrous-haemoglobin in the hydrogen peroxide stimulated oxidation of red blood cell membrane lipids. Clemens MR, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1339–41

Studies on the fluorescence labeling of human red blood cell membrane ghosts with 4'-(9-acridinylamino)methanesulfon-m-anisidide. Wong A, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3265–73

Interaction of calmodulin with the red cell and its membrane skeleton and with spectrin. Burns NR, et al. **Biochemistry** 1985 Jun 4;24(12):3070–4

Human erythrocyte hexose transporter activity is governed by bilayer lipid composition in reconstituted vesicles. Carruthers A, et al. **Biochemistry** 1984 Dec 18; 23(26):6901–11

Effects of bilayer cholesterol on human erythrocyte hexose transport protein activity in synthetic lecithin bilayers. Connolly TJ, et al. **Biochemistry** 1985 Jun 4;24(12):2865–73

Membrane polypeptide in rabbit erythrocytes associated with the inhibition of L-lactate transport by a synthetic anhydride of lactic acid. Donovan JA, et al. **Biochemistry** 1985 Jan 29;24(3):561–4

Proteolysis-associated deglycosylation of beta 1-adrenergic receptor in turkey erythrocytes and membranes. Jürss R, et al. **Biochemistry** 1985 Jun 18;24(13):3349–54

Rotational diffusion and self-association of band 3 in reconstituted lipid vesicles. Mühlebach T, et al. **Biochemistry** 1985 Feb 12;24(4):975–83

Conformation and stability of the anion transport protein of human erythrocyte membranes. Oikawa K, et al. **Biochemistry** 1985 Jun 4;24(12):2843–8

Phospholipid localization in the plasma membrane of Friend erythroleukemic cells and mouse erythrocytes. Rawyler A, et al. **Biochemistry** 1985 Mar 26;24(7):1777–83

Location of the maltosyl isothiocyanate binding site on the human erythrocyte glucose transporter. Shelton RL Jr, et al. **Biochemistry** 1985 May 7;24(10):2397–400

Measurement of the ratio of the eighth and ninth components of human complement on complement-lysed membranes. Stewart JL, et al. **Biochemistry** 1984 Aug 28;23(18):4016–22

Hemichrome binding to band 3: nucleation of Heinz bodies on the erythrocyte membrane. Waugh SM, et al. **Biochemistry** 1985 Jan 1;24(1):34–9

Partition of amphiphilic molecules into phospholipid vesicles and human erythrocyte ghosts: measurements by ultraviolet difference spectroscopy. Welti R, et al. **Biochemistry** 1984 Dec 4;23(25):6086-91

Red cell membrane sialoglycoprotein beta in homozygous and heterozygous 4.1(-) hereditary elliptocytosis. Alloisio N, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):57-62

Reduced transglutaminase-catalyzed cross-linking of exogenous amines to membrane proteins in sickle erythrocytes. Ballas SK, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):234-42

Binding of Cerebratulus cytolysin A-III to human erythrocyte membranes. Blumenthal KM. **Biochim Biophys Acta** 1985 Jan 10;812(1):127-32

Organic phosphates modulate anion self-exchange across the human erythrocyte membrane. Bursaux E, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):253-60

Effect of thiourea on PCMBS inhibition of osmotic water transport in human red cells. Chasan B, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):185-90

Proteolytic cleavages of cytochalasin B binding components of band 4.5 proteins of the human red blood cell membrane. Deziel MR, et al. **Biochim Biophys Acta** 1984 Sep 19; 776(1):10-20

Protein-mediated chloride-phosphate and lactate-lactate exchange in cytoskeleton-free vesicles budded from rabbit erythrocytes. Donovan JA. **Biochim Biophys Acta** 1985 Jun 11;816(1):68-76

Preparation of inside-out vesicles from erythrocyte membranes inactivates the pathway for oleic acid incorporation into phospholipid. Dugan JM, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):93-101

Control of erythrocyte membrane microviscosity by insulin. Dutta-Roy AK, et al. **Biochim Biophys Acta** 1985 Jun 11; 816(1):187-90

Binding of prostaglandin E1 to human erythrocyte membrane. Dutta-Roy AK, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):671-8

Inhibition of Friend cell erythrodifferentiation by modification of membrane phospholipid composition by choline analogues. Kaiho S, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):175-8

Phospholipid composition of dystrophic chicken erythrocyte plasmalemmae. II. Characterization of a unique lipid from dystrophic erythrocyte membranes as ethanolamine plasmalogen. Kester M, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):121-8

Phospholipid composition of dystrophic chicken erythrocyte plasmalemmae. I. Isolation of a unique lipid in dystrophic erythrocyte membranes. Kester M, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):112-20

Vesicle release from rat red cell ghosts and increased association of cell membrane proteins with cytoskeletons induced by cadmium. Kunimoto M, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):37-45

Specific interaction of the water transport inhibitor, pCMBS, with band 3 in red blood cell membranes. Lukacovic MF, et al. **Biochim Biophys Acta** 1984 Dec 5;778(2):253-9

Transport of fatty acids across the membrane of human erythrocyte ghosts. Morand O, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):68-76

Nuclear magnetic resonance investigation of human erythrocytes in the presence of manganese ions. Evidence for a thermal transition. Morariu VV, et al. **Biochim Biophys Acta** 1985 May 14;815(2):189-95

Anion transport in single erythrocyte ghosts measured by fluorescence microphotolysis. Peters R, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):334-8

Enhancement of divalent anion transport across the human red blood cell membrane by the water-soluble dansyl chloride derivative 2-(N-piperidine)ethylamine-1-naphthyl-5-sulfonylchlorid (PENS-Cl). Raida M, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):624-32

Lack of binding of glyceraldehyde-3-phosphate dehydrogenase to erythrocyte membranes under in vivo conditions. Rich GT, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):61-6

The modulation of the calcium pump of human red cells by Na+ and K+. Romero PJ, et al. **Biochim Biophys Acta** 1984 Dec 5;778(2):245-52

Strong interactions between a spin-labeled cholesterol analog and erythrocyte proteins in the human erythrocyte membrane. Seigneuret M, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):174-82

Effects of N-ethylmaleimide on ouabain-insensitive cation fluxes in human red cell ghosts. Smith DK, et al. **Biochim Biophys Acta** 1985 Aug 27;818(2):251-9

Human erythrocyte spectrin dimer intrinsic viscosity: temperature dependence and implications for the molecular basis of the erythrocyte membrane free energy. Stokke BT, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):102-10

Binding of DTNB to band 3 in the human red cell membrane. Toon MR, et al. **Biochim Biophys Acta** 1985 Aug 27; 818(2):158-70

The effect of ethanol on the passive Ca permeability of human red cell ghosts measured by means of arsenazo III. Yingst DR, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):277-81

Absence of transbilayer diffusion of spin-labeled sphingomyelin on human erythrocytes. Comparison with the diffusion of several spin-labeled glycerophospholipids. Zachowski A, et al. **Biochim Biophys Acta** 1985 May 28; 815(3):510-4

Red-cell lithium transport and affective disorders in a multigeneration pedigree: evidence for genetic transmission of affective disorders. Shaughnessy R, et al. **Biol Psychiatry** 1985 Apr;20(4):451-4

The effect of an osmotic pressure gradient and lysophosphatidylcholine on the transient and constant potassium permeability properties of the erythrocyte membrane. Eskelinen S, et al. **Biomed Biochim Acta** 1984; 43(7):947-53

Ion transport, prostaglandins, and essential hypertension. Garay R, et al. **Biomed Biochim Acta** 1984;43(8-9):S217-21

Mathematical models of metabolic systems: general principles and control of glycolysis and membrane transport in erythrocytes. Heinrich R. **Biomed Biochim Acta** 1985; 44(6):913-27

Electrophoretic and lectin-binding properties of glycopeptides released from the membrane during 'in vitro' aging of human erythrocytes. Pallavicini G, et al. **Biomed Biochim Acta** 1984;43(7):955-61

Interaction of fusogen substances with the erythrocyte membrane. Pratsch L, et al. **Biomed Biochim Acta** 1984; 43(6):S85-7

Linear free energy relationship for osmotic water flow through a membrane. Havsteen BH. **Biophys Chem** 1984 Nov;20(4):305-17

Fluorometry of turbid and absorbant samples and the membrane fluidity of intact erythrocytes. Eisinger J, et al. **Biophys J** 1985 Jul;48(1):77-84

Water exchange through erythrocyte membranes: p-chloromercuribenzene sulfonate inhibition of water diffusion in ghosts studied by a nuclear magnetic resonance technique. Benga G, et al. **Biosci Rep** 1985 Mar;5(3):223-8

Influence of the intracellular and extracellular cation concentration on monovalent cation efflux of resealed human erythrocyte ghosts. Müller P, et al. **Biosci Rep** 1985 May;5(5):425-32

Evaluation of ouabain-insensitive red blood cell cation transport in uremic patients. Boero R, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):243-8

Membrane cross bonding in red cells in favic crisis: a missing link in the mechanism of extravascular haemolysis. Fischer TM, et al. **Br J Haematol** 1985 Jan;59(1):159-69

Methylation of erythrocyte membrane phospholipid in patients with early-onset myotonic dystrophy. Eda I, et al. **Brain Dev** 1984;6(3):284-8

The functional architecture of band 3, the anion transport protein of the red cell membrane. Rothstein A. **Can J Biochem Cell Biol** 1984 Nov;62(11):1198-204

Merocyanine 540 recognizes membrane abnormalities of erythrocytes in chronic myelogenous leukemia. Reed JA, et al. **Cell Biol Int Rep** 1985 Jan;9(1):43-9

Platelet-activating factor phosphatidate, but not platelet-activating factor, is a powerful calcium ionophore in the human red cell. Bussolino F, et al. **Cell Calcium** 1984 Oct;5(5):463-73

The effect of ETH 1001 on ion fluxes across red blood cell membranes. Hinds TR, et al. **Cell Calcium** 1985 Jun; 6(3):265-79

Lipid peroxidation in red blood cell membranes. Sharabani M, et al. **Cell Mol Biol** 1984;30(4):329-36

Changes in the cell membrane of erythrocytes in tumor-bearing rats. Fujii T, et al. **Cell Struct Funct** 1984 Dec;9(4):407-10

Enhanced lipid peroxidation of erythrocyte membranes and phosphatidylcholine liposomes induced by a xanthine oxidase system in the presence of catalase. Miura T, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3227-34

Hereditary spherocytosis and related disorders. Becker PS, et al. **Clin Haematol** 1985 Feb;14(1):15-43 (173 ref.)

Auto-oxidation and a membrane-associated 'Fenton reagent': a possible explanation for development of membrane lesions in sickle erythrocytes. Hebbel RP. **Clin Haematol** 1985 Feb; 14(1):129-40 (48 ref.)

Haemolytic anaemia associated with increased cation permeability. Lande WM, et al. **Clin Haematol** 1985 Feb; 14(1):89-103 (49 ref.)

Membrane phospholipid organization and vesiculation of erythrocytes in sickle cell anaemia. Wagner GM, et al. **Clin Haematol** 1985 Feb;14(1):183-200 (82 ref.)

Monosaccharide uptake by erythrocytes of the embryonic and adult chicken. Ingermann RL, et al. **Comp Biochem Physiol [A]** 1985;80(3):369-72

Identification of beta-adrenergic receptors in teleost red blood cells. Bennett MB, et al. **Comp Biochem Physiol [C]** 1985;81(2):411-4

Human erythrocyte membrane thiol methyltransferase. S-methylation of captopril, N-acetylcysteine, and 7 alpha-thio-spirolactone. Keith RA, et al. **Drug Metab Dispos** 1984 Nov-Dec;12(6):717-24

Ca2+-activated K+ permeability in human erythrocytes: modulation of single-channel events. Grygorczyk R, et al. **Eur Biophys J** 1985;12(2):57-65

Human red-blood-cell Ca2+-antagonist binding sites. Evidence for an unusual receptor coupled to the nucleoside transporter. Striessnig J, et al. **Eur J Biochem** 1985 Jul 1; 150(1):67-77

The effects of terbium (III) on the Ca-activated, K channel found in the resealed human erythrocyte membrane. Wood PG, et al. **Eur J Biochem** 1985 Jan 2;146(1):65-9

Exogenous factors influencing the human erythrocyte sodium-lithium countertransport system. Beuckelmann D, et al. **Eur J Clin Invest** 1984 Oct;14(5):392-7

The cell specificity and biosynthesis of mouse glycophorins studied with monoclonal antibodies. Kasturi K, et al. **Exp Cell Res** 1985 Mar;157(1):253-64

Calcium transport by red blood cell membranes from young and adult cattle. Zimmermann A, et al. **Experientia** 1985 Jun 15;41(6):743-5

Digitalis: new aspects of pharmacokinetics and clinical implications. Ambrosioni E, et al. **G Ital Cardiol** 1984 Sep; 14(9):699-701

Inhibitory effect of gabexate mesilate on pancreatic phospholipase A2-mediated hydrolysis of ghost membranes. Nishijima J, et al. **Gen Pharmacol** 1985; 16(3):177-82

Erythrocyte membrane transport in hypertensive humans and rats. Effect of sodium depletion and excess. Feig PU, et al. **Hypertension** 1985 May-Jun;7(3 Pt 1):423-9

Modification of membrane protein organization during in vitro aging of human erythrocytes. Brovelli A, et al. **Int J Biochem** 1984;16(11):1115-20

Phosphorylation-dephosphorylation of membrane proteins of human erythrocytes. Moret V. **Ital J Biochem** 1984 Jul-Aug;33(4):233A-237A

Quantitative studies on translocation and metabolic conversion of lysophosphatidylcholine incorporated into the membrane of intact human erythrocytes from the medium. Tamura A, et al. **J Biochem (Tokyo)** 1985 Jan; 97(1):353-9

Interaction between glycophorin and ganglioside GM1 on liposomal membranes. Effect of the interaction on the susceptibility of membranes to HVJ. Umeda M, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):229-35

In vitro acylation of the transferrin receptor. Adam M, et al. **J Biol Chem** 1984 Dec 25;259(24):15460-3

Fusion between Sendai virus envelopes and biological membranes. The use of fluorescent probes for quantitative estimation of virus-membrane fusion. Chejanovsky N, et al. **J Biol Chem** 1985 Jul 5;260(13):7911-8

Brain ankyrin. A membrane-associated protein with binding sites for spectrin, tubulin, and the cytoplasmic domain of the erythrocyte anion channel. Davis JQ, et al. **J Biol Chem** 1984 Nov 10;259(21):13550-9

Differential phosphorylation of multiple sites in protein 4.1 and protein 4.9 by phorbol ester-activated and cyclic AMP-dependent protein kinases. Horne WC et al. **J Biol Chem** 1985 Aug 5;260(16):9073-6

Mode of interaction of phosphofructokinase with the erythrocyte membrane. Jenkins JD, et al. **J Biol Chem** 1985 Sep 5;260(19):10426-33

Biosynthesis of the major human red cell sialoglycoprotein, glycophorin A. O-Glycosylation. Jokinen M, et al. **J Biol Chem** 1985 Sep 15;260(20):11314-21

Photoaffinity labeling of the human erythrocyte monosaccharide transporter with an aryl azide derivative of D-glucose. Shanahan MF, et al. **J Biol Chem** 1985 Sep 15;260(20):10897-900

Mercuric and cadmium ions stimulate phosphorylation of band 4.2 protein on human erythrocyte membranes. Suzuki K, et al. **J Biol Chem** 1985 Apr 10;260(7):4526-30

Penetration of C8 and C9 in the C5b-9 complex across the erythrocyte membrane into the cytoplasmic space. Whitlow MB, et al. **J Biol Chem** 1985 Jan 25; 260(2):998-1005

Solubilization, reconstitution, and attempted affinity chromatography of the sugar transporter of the erythrocyte membrane. Weber J, et al. **J Cell Biochem** 1985;27(2):83-96

Human erythrocytes adhering to schistosomula of Schistosoma mansoni lyse and fail to transfer membrane components to the parasite. Caulfield JP, et al. **J Cell Biol** 1985 Jul;101(1):158-66

The binding of vimentin to human erythrocyte membranes: a model system for the study of intermediate filament-membrane interactions. Georgatos SD, et al. **J Cell Biol** 1985 Jun;100(6):1955-61

Interaction of lectins with membrane receptors on erythrocyte surfaces. Sung LA, et al. **J Cell Biol** 1985 Aug; 101(2):646-51

Modulation of Ca2+-mediated K+-gating of erythrocyte ghosts by external Ca-EGTA. Benjamin AM, et al. **J Cell Physiol** 1984 Dec;121(3):508-16

The osmotic response of human erythrocytes and the membrane cytoskeleton. Heubusch P, et al. **J Cell Physiol** 1985 Feb;122(2):266-72

Mechanism of alteration of sodium potassium pump of erythrocytes from patients with chronic renal failure. Cheng JT, et al. **J Clin Invest** 1984 Nov;74(5):1811-20

Correction of hypokalemia corrects the abnormalities in erythrocyte sodium transport in Bartter's syndrome. Korff JM, et al. **J Clin Invest** 1984 Nov;74(5):1724-9

Indications that the erythrocyte receptor involved in enterotoxigenic Escherichia coli attachment is a sialoglycoconjugate. Bartus H, et al. **J Clin Microbiol** 1985 Jun;21(6):951-4

A pharmacokinetic approach to the study of cell membrane lithium transport in vivo. Mallinger AG, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):78-82

The Li-Na exchange in red cells of essential hypertensive patients with low Na-K cotransport. Dagher G, et al. **J Hypertens** 1984 Apr;2(2):195-201

Intracellular concentration and transmembrane fluxes of sodium and potassium in erythrocytes of white normal male subjects with and without a family history of hypertension. Lijnen P, et al. **J Hypertens** 1984 Feb;2(1):25-30

Phosphoinositide turnover in erythrocyte membranes in

human and experimental hypertension. Marche P, et al. **J Hypertens** 1985 Feb;3(1):25–30
The relationship between channel size and the number of C9 molecules in the C5b–9 complex. Ramm LE, et al. **J Immunol** 1985 Apr;134(4):2594–9
Lectin–mediated binding of liposome–inserted membrane proteins to red blood cells. A method to detect binding of antibodies to purified rat histocompatibility antigen or binding of insulin to the insulin receptor. Eriksson H, et al. **J Immunol Methods** 1984 Dec 14;75(1):167–79
Normobaric hyperoxia in vivo inhibits fatty acid incorporation into sheep erythrocyte phospholipid in vitro. Dise CA, et al. **J Lab Clin Med** 1985 Jan;105(1):89–93
Direct insertion and fluorescence studies of rhodamine–labeled beta–adrenergic receptors in cell membranes. Cherksey BD, et al. **J Membr Biol** 1985; 84(2):105–16
The comparative specificity of the inner and outer substrate transfer sites in the choline carrier of human erythrocytes. Deves R, et al. **J Membr Biol** 1984;80(1):71–80
Interaction of thiourea with band 3 in human red cell membranes. Dorogi PL, et al. **J Membr Biol** 1985; 85(1):37–48
The plasma membrane (Mg2+)–dependent adenosine triphosphatase from the human erythrocyte is not an ion pump. Forgac M, et al. **J Membr Biol** 1984;80(2):185–90
Asymmetrical binding of phloretin to the glucose transport system of human erythrocytes. Krupka RM. **J Membr Biol** 1985;83(1–2):71–80
Erythrocyte membrane abnormalities in patients with amyotrophic chorea with acanthocythosis. Part 2. Abnormal degradation of membrane proteins. Asano K, et al. **J Neurol Sci** 1985 May;68(2–3):161–73
Amiodarone partitioning with phospholipid bilayers and erythrocyte membranes. Chatelain P, et al. **J Pharm Sci** 1985 Jul;74(7):783–4
Sodium– and adenosine–triphosphate–dependent calcium movements in membrane vesicles prepared from dog erythrocytes. Ortiz OE, et al. **J Physiol (Lond)** 1984 Sep; 354:287–301
Reticulocyte cytosol activator protein: its actions upon the beta adrenergic receptor and the N–proteins of adenylate cyclase. Shane E, et al. **J Recept Res** 1984;4(1–6):475–86
Hydrolytic activities of human pancreatic phospholipase A2 and endotoxin–stimulated endogenous phospholipase A2 toward membrane phospholipids of erythrocytes. Nishijima J, et al. **J Surg Res** 1985 Mar;38(3):237–45
Anemia and potassium permeability of red blood cells in analbuminemic rats. Sugiyama K, et al. **Jikken Dobutsu** 1984 Jul;33(3):307–18
Secondary CO2 diffusion following HCO3– shift across the red blood cell membrane. Niizeki K, et al. **Jpn J Physiol** 1984;34(6):1003–13
Rubidium and sodium transport across erythrocyte membrane: alterations due to a circulating factor. Martín Vasallo P, et al. **Life Sci** 1985 Sep 2;37(9):835–40
Cholesterol blocks the disordering effects of ethanol in biomembranes. Chin JH, et al. **Lipids** 1984 Dec; 19(12):929–35
Erythrocyte cationic transport systems in normal male and female volunteers. Lijnen P, et al. **Methods Find Exp Clin Pharmacol** 1985 Jan;7(1):35–40
Studies on toxin of Aspergillus fumigatus. XXII. Fashion of binding of Asp–hemolysin to human erythrocytes and Asp–hemolysin–binding proteins of erythrocyte membranes. Ebina K, et al. **Microbiol Immunol** 1985; 29(2):91–101
Selective stage–specific changes in the permeability to small hydrophilic solutes of human erythrocytes infected with Plasmodium falciparum. Elford BC, et al. **Mol Biochem Parasitol** 1985 Jun;16(1):43–60
Time–course of synthesis, transport and incorporation of a protein identified in purified membranes of host erythrocytes infected with a knob–forming strain of Plasmodium falciparum. Vernot–Hernandez JP, et al. **Mol Biochem Parasitol** 1984 Jul;12(3):337–50
The effect of pH on interaction of nitrobenzylthioinosine and hydroxynitrobenzylthioinosine with the nucleoside transporter of human erythrocyte membranes. Cass CE, et al. **Mol Pharmacol** 1985 Jun;27(6):662–5
Export of cyclic AMP from avian red cells. Independence from major membrane transporters and specific inhibition by prostaglandin A. Heasley LE, et al. **Mol Pharmacol** 1985 Jan;27(1):60–5
Perturbation of sodium–lithium countertransport in red cells [letter] Beuckelmann D, et al. **N Engl J Med** 1985 May 2;312(18):1193–4
Compartmentalization of sickle–cell calcium in endocytic inside–out vesicles. Lew VL, et al. **Nature** 1985 Jun 13–19; 315(6020):586–9
Plasmalogen analysis in erythrocyte membranes of adrenoleukodystrophy. Antoku Y, et al. **Neurology** 1985 Jul;35(7):1051–3
Adrenoleukodystrophy: abnormality of 'tightly bound' fatty acids in the erythrocyte membrane proteins. Antoku Y, et al. **Neurology** 1985 Oct;35(10):1512–4
Anion transport and 2,3–diphosphoglycerate in cystic fibrosis red blood cells. Berghout AG, et al. **Pediatr Res** 1984 Oct; 18(10):1017–20
Concentration dependence of the unidirectional sulfate and phosphate flux in human red cell ghosts under selfexchange and under homoexchange conditions. Schnell KF, et al. **Pflugers Arch** 1984 Oct;402(2):197–206
The change from symmetry to asymmetry of a sodium transport system in red cell membranes. Brand SC, et al. **Proc R Soc Lond [Biol]** 1985 Feb 22;223(1233):449–57
Monitoring intracellular free Ca in resealed ghosts by means of arsenazo III. Yingst DR, et al. **Prog Clin Biol Res** 1984; 168:123–6
Plasmodium falciparum malaria: band 3 as a possible receptor during invasion of human erythrocytes. Okoye VC, et al. **Science** 1985 Jan 11;227(4683):169–71
Effect of slate dust on the rat erythrocyte membrane composition: in vitro and in vivo studies. Singh SV, et al. **Toxicol Lett** 1985 Aug;26(2–3):199–204
Higher cardol homologues (5–alkenylresorcinols) from rye affect the red cell membrane–water transport. Kozubek A. **Z Naturforsch [C]** 1985 Jan–Feb;40(1–2):80–4
[Abnormalities in the erythrocyte membrane transport of oxalate in calcium oxalate lithogenesis] Baggio B, et al. **Nephrologie** 1984;5(4):173–4 (Eng. Abstr.) **(Fre)**
[Polycationic condensation of the cell surface. Glycoiemma compartmentation and the mechanism of action of polyamine regulation] Antohi S, et al. **Physiologie** 1984 Jul–Sep;21(3):213–7 **(Fre)**
[Methylation of erythrocyte membrane phospholipids: correlation with membrane viscosity. Study of normal and parkinsonian subjects] Meininger V, et al. **Rev Neurol (Paris)** 1984;140(8–9):488–92 (Eng. Abstr.) **(Fre)**
[Relation of glucose tolerance and intracellular sodium concentration] Gross V, et al. **Z Gesamte Inn Med** 1985 Apr 1;40(7):193–8 (Eng. Abstr.) **(Ger)**
[Erythrocyte Na/K flux ratio in hypertensive and renal failure patients] Kimura M. **Nippon Jinzo Gakkai Shi** 1985 Apr;27(4):505–9 (Eng. Abstr.) **(Jpn)**
[A sporadic case of congenital high red cell membrane phosphatidyl choline hemolytic anemia refractory to splenectomy] Hasegawa S, et al. **Rinsho Ketsueki** 1985 Jan; 26(1):74–8 (Eng. Abstr.) **(Jpn)**
[Cation selectivity of bovine red blood cell membrane estimated by means of TNS fluorescence measurement] Handa T, et al. **Yakugaku Zasshi** 1984 Jun;104(6):576–82 (Eng. Abstr.) **(Jpn)**
[Presence of covalently bound fatty acids in lipid–free human erythrocyte membrane proteins] Zdebska E. **Acta Haematol Pol** 1984 Jul–Dec;15(3–4):171–3 (Eng. Abstr.) **(Pol)**
[Erythrocytic spectrin and its analogs in other cells] Sikorski AF. **Postepy Biochem** 1984;30(3–4):409–34 (228 ref.) **(Pol)**
[Membrane transport of sodium and lithium ions and arterial hypertension] Borowska A, et al. **Przegl Lek** 1984; 41(11):661–5 (33 ref.) **(Pol)**
[Effect of cholesterol on the stability of human erythrocyte membranes to electric breakdown] Goncharenko MS, et al. **Biofizika** 1985 May–Jun;30(3):441–5 (Eng. Abstr.) **(Rus)**
[Study of the structure of erythrocyte membrane in spontaneous genetic hypertension using the spin–label method] Gulak PV, et al. **Biofizika** 1985 Jan–Feb;30(1):55–8 (Eng. Abstr.) **(Rus)**
[Cholesterol ester increases the permeability of erythrocyte membrane] Ivanov AS, et al. **Biofizika** 1985 Mar–Apr; 30(2):269–72 (Eng. Abstr.) **(Rus)**
[The role of free calmodulin in the regulation of calcium–pump activity in erythrocytes] Orlov SN, et al. **Biokhimiia** 1985 Jun;50(6):883–90 (Eng. Abstr.) **(Rus)**
[Various structural–functional characteristics of erythrocyte membranes in malignant growths] Slobozhanina EI, et al. **Eksp Onkol** 1984;6(4):70–2 (Eng. Abstr.) **(Rus)**
[Effect of low–frequency acoustic fluctuations on various components of the erythrocyte membrane in vitro] Kolmakov VN, et al. **Gig Tr Prof Zabol** 1984 Oct;(10):48–9 **(Rus)**
[Increased erythrocyte membrane permeability to sodium––a risk factor for hypertension] Liusov VA, et al. **Kardiologiia** 1984 Sep;24(9):88–90 (Eng. Abstr.) **(Rus)**
[Sodium permeability of erythrocyte membranes of essential hypertension patients with and without a hereditary predisposition to the disease] Postnov IIu, et al. **Kardiologiia** 1985 Jan;25(1):47–50 (Eng. Abstr.) **(Rus)**
[Permeability of the erythrocyte membrane for sodium in hypertension and symptomatic hypertension] Postnov IIu, et al. **Kardiologiia** 1985 Apr;25(4):52–5 (Eng. Abstr.) **(Rus)**
[Effect of metabolic compensation in diabetes mellitus on lipid peroxidation processes] Bodnar PN, et al. **Klin Med (Mosk)** 1984 Aug;62(8):98–101 (Eng. Abstr.) **(Rus)**
[Changes in the phospholipid content of the erythrocyte membranes in children with chronic hepatitis, and their correction after its treatment] Dunaeva AN, et al. **Pediatriia** 1984 Aug;(8):19–21 (Eng. Abstr.) **(Rus)**
[Indicators of the phospholipid spectrum of blood serum and erythrocyte membranes in children with diabetes mellitus] Turkina TI, et al. **Pediatriia** 1985 Feb;(2):10–2 (Eng. Abstr.) **(Rus)**
[Cause of dehydroascorbic acid accumulation in the blood of patients with insulin–dependent diabetes mellitus] Nikolaeva MIa, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):14–8 (Eng. Abstr.) **(Rus)**
[Phospholipid spectrum of pulmonary surfactant and erythrocyte membranes in pneumonia] Landysheva IV, et al. **Sov Med** 1984;(8):3–6 (Eng. Abstr.) **(Rus)**
[Erythrocyte membrane permeability for sodium in hypertonic disease and renal hypertension] Liusov VA, et al. **Sov Med** 1984;(11):13–6 (Eng. Abstr.) **(Rus)**
[Free–radical oxidation of lipids and coagulative activity of erythrocytes in patients with ischemic heart disease] Mishchenko VP, et al. **Vrach Delo** 1985 Mar;(3):47–9 (Eng. Abstr.) **(Rus)**
[Evaluation of sodium and potassium fluxes across the red blood cell membrane (letter)] Vives Corrons JL, et al. **Sangre (Barc)** 1984;29(4–A):475–80 **(Spa)**

MICROBIOLOGY

Role of the carbohydrate domains of glycophorins as erythrocyte receptors for invasion by Plasmodium falciparum merozoites. Vanderberg JP, et al. **Infect Immun** 1985 Jan;47(1):201–10
Erythrocyte membrane alterations associated with the attachment and replication of Eperythrozoon suis: a light and electron microscopic study. Zachary JF, et al. **Vet Pathol** 1985 Mar;22(2):164–70

PARASITOLOGY

Structural alteration of the membrane of erythrocytes infected with Babesia bovis. Aikawa M, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):45–9
Erythrocyte membrane receptor for Plasmodium falciparum. Olson JA. **Prog Clin Biol Res** 1984;165:343–59
Evidence for a malarial parasite interaction site on the major transmembrane protein of the human erythrocyte. Friedman MJ, et al. **Science** 1985 Apr 5;228(4695):75–7

PATHOLOGY

Decreased membrane fluidity and beta–adrenergic responsiveness in atherosclerotic quail. Lurie KG, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H380–5
Severe alterations of red blood cells from the vessels of colorectal tumors. Djaldetti M, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):62–4
Erythrocyte membrane alterations in beta–thalassaemia. Rachmilewitz EA, et al. **Clin Haematol** 1985 Feb; 14(1):163–82 (108 ref.)
The erythrocyte membrane skeleton: pathophysiology. Shohet SB, et al. **Hosp Pract [Off]** 1984 Nov;19(11):89–95, 99, 103 passim
The production and mechanism of ghost cell glaucoma in the cat and primate. Lambrou FH Jr, et al. **Invest Ophthalmol Vis Sci** 1985 Jun;26(6):893–7
[Current aspects of erythrocyte membrane pathology] Vives Corrons JL. **Med Clin (Barc)** 1984 Jun 16;83(3):106–8 (14 ref.) **(Spa)**

PHYSIOLOGY

Spectrins. Mediators of cytoskeletal function. Morrow JS. **Am J Dermatopathol** 1984 Dec;6(6):573–81 (79 ref.)
Membrane phospholipid asymmetry and the adherence of loaded red blood cells. Schlegel RA, et al. **Bibl Haematol** 1985;(51):150–6
A possible role of cholesterol in membrane adhesion. Ohki S, et al. **Biochemistry** 1984 Nov 6;23(23):5578–81
K+–valinomycin and chloride conductance of the human red cell membrane. Influence of the membrane protonophore carbonylcyanide m–chlorophenylhydrazone. Bennekou P. **Biochim Biophys Acta** 1984 Sep 19;776(1):1–9
Abnormal transbilayer mobility of phosphatidylcholine in hereditary pyropoikilocytosis reflects the increased heat sensitivity of the membrane skeleton. Franck PF, et al. **Biochim Biophys Acta** 1985 May 14;815(2):259–67
Temperature effects on osmotic fragility, and the erythrocyte membrane. Richieri GV, et al. **Biochim Biophys Acta** 1985 Feb 28;813(1):41–50
Insertion of lipid domains into plasma membranes by fusion with erythrocytes. Schlegel RA, et al. **Biochim Biophys Acta** 1985 Aug 30;846(2):234–41
Formation and properties of aqueous leaks induced in human erythrocytes by electrical breakdown. Schwister K, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):332–48
The Ca2+–sensitive K+–conductance of the human red cell membrane is strongly dependent on cellular pH. Stampe P, et al. **Biochim Biophys Acta** 1985 May 14;815(2):313–21
The recognition of red blood cells by macrophages: role of phosphatidylserine and possible implications of membrane phospholipid asymmetry. Schroit AJ, et al. **Biol Cell** 1984; 51(2):227–38
Movement of a fluorescent lipid label from a labeled erythrocyte membrane to an unlabeled erythrocyte membrane following electric–field–induced fusion. Sowers AE. **Biophys J** 1985 Apr;47(4):519–25
A nanosecond fluorometer for studies of rheological aspects of biomembranes. Koyama T, et al. **Biorheology** 1984;Suppl 1:323–9
Alteration of red cell membrane viscoelasticity by heat treatment: effect on cell deformability and suspension viscosity. Nash GB, et al. **Biorheology** 1985;22(1):73–84
Comparison of hemoglobin Köln erythrocyte membranes with malondialdehyde–reacted normal erythrocyte membranes. Allen DW, et al. **Blood** 1984 Dec;64(6):1263–9
A spin label study of the erythrocyte membrane in mothers and sisters of patients suffering from Duchenne muscular dystrophy. Leterrier F, et al. **Clin Chim Acta** 1984 Nov

15;143(2):99–108

Red cell senescence. Clark MR, et al. **Clin Haematol** 1985 Feb;14(1):223–57 (147 ref.)

The adhesive sickle erythrocyte: cause and consequence of abnormal interactions with endothelium, monocytes/macrophages and model membranes. Hebbel RP, et al. **Clin Haematol** 1985 Feb;14(1):141–61 (43 ref.)

HVJ-induced fusion of liposome to erythrocyte. Possible involvement of virus-induced activated state of erythrocyte membranes during fusion process. Inoue J, et al. **Exp Cell Res** 1985 May;158(1):29–40

Electric-field-induced fusion of enzyme-treated human red cells: kinetics of intermembrane protein exchange. Donath E, et al. **Gen Physiol Biophys** 1984 Jun;3(3):239–49

Tope-optical investigations of the human erythrocyte glycocalyx-age related changes. Halbhuber KJ, et al. **Histochemistry** 1984;81(2):187–93

Effect of lipid composition on HVJ-mediated fusion of glycophorin liposomes to erythrocytes. Umeda M, et al. **J Biochem (Tokyo)** 1985 May;97(5):1301–10

Cyclic loading on the red cell membrane in a shear flow: a possible cause of hemolysis. Niimi H, et al. **J Biomech Eng** 1985 May;107(2):91–5

Role of membrane thermotropic properties on hypotonic hemolysis and hypertonic cryohemolysis of human red blood cells. Minetti M, et al. **J Cell Biochem** 1984; 25(2):61–72

Characterization of thermotropic structural transitions of the erythrocyte membrane: a biochemical and electron-paramagnetic resonance approach. Minetti M, et al. **J Cell Biochem** 1984;25(2):73–86

Role of actin in the responses of adrenal cells to ACTH and cyclic AMP: inhibition by DNase I. Osawa S, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1335–42

Characterization of electric field-induced fusion in erythrocyte ghost membranes. Sowers AE. **J Cell Biol** 1984 Dec;99(6):1989–96

Erythrocyte membrane rigidity induced by glycophorin A-ligand interaction. Evidence for a ligand-induced association between glycophorin A and skeletal proteins. Chasis JA, et al. **J Clin Invest** 1985 Jun;75(6):1919–26

Increased adherence of sickled and phosphatidylserine-enriched human erythrocytes to cultured human peripheral blood monocytes. Schwartz RS, et al. **J Clin Invest** 1985 Jun;75(6):1965–72

Microcalorimetry and electrophoresis of the erythrocyte membrane of spontaneously hypertensive rats. Gulak PV, et al. **J Hypertens** 1984 Feb;2(1):81–4

Transport of hydrophobic ions in erythrocyte membrane: I. Zero membrane potential properties. Hunziker A, et al. **J Membr Biol** 1985;84(2):147–56

Thiol-dependent passive K+Cl– transport in sheep red blood cells: VI. Functional heterogeneity and immunologic identity with volume-stimulated K+(Rb+) fluxes. Lauf PK. **J Membr Biol** 1984;82(2):167–78

Thermodynamics of all-or-none water channel closure in red cells. Moura TF, et al. **J Membr Biol** 1984;81(2):105–11

Cyanine dye fluorescence used to measure membrane potential changes due to the assembly of complement proteins C5b-9. Wiedmer T, et al. **J Membr Biol** 1985; 84(3):249–58

Erythrocyte membrane abnormalities in patients with amyotrophic chorea with acanthocytosis. Part 1. Spin labeling studies and lipid analyses. Oshima M, et al. **J Neurol Sci** 1985 May;68(2–3):147–60

Age dependent phagocytosis of red cell membranes by the reticulohistiocytary system of the isolated perfused rat liver. Vömel T. **Mech Ageing Dev** 1985 Jan;29(1):9–17

Abnormal electrophoretic mobility of erythrocytes in cystic fibrosis: evidence for a membrane defect. Hein J, et al. **Padiatr Grenzgeb** 1985;24(4):331–40

Membrane changes in cells from myotonia patients. Rüdel R, et al. **Physiol Rev** 1985 Apr;65(2):310–56 (33[illegible] ref.)

Erythrocyte membrane skeletal protein 4.1: a brief review. Goodman SR, et al. **Prog Clin Biol Res** 1984;165:415–39 (47 ref.)

Band 3 protein-mediated nonelectrogenic proton equilibration across the membranes of the red blood cells of mammals, amphibians, and fish. Passow H, et al. **Prog Clin Biol Res** 1984;164:95–102

Carbon dioxide transport in blood: equilibrium between red cells and plasma. The work of D. D. Van Slyke and L. J. Henderson, 1920–1928. Edsall JT. **Pubbl Stn Zool Napoli [II]** 1985;7(1):105–20

Identification and function of transmembrane glycoproteins--the red cell model. Wise GE. **Tissue Cell** 1984;16(5):665–76

Altered red cell membrane fluidity during schizogonic development of malarial parasites (Plasmodium falciparum and P. lophurae). Sherman IW, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):641–4

The membrane and the lesions of storage in preserved red cells. Wolfe LC. **Transfusion** 1985 May–Jun;25(3):185–203 (102 ref.)

Phagocytosis of erythrocyte membranes (white ghosts) from different species by the isolated perfused rat liver. Vömel T, et al. **Vet Immunol Immunopathol** 1985 Jul;9(3):273–82

[The significance of research on erythrocyte membranes] Zhang ZN, et al. **Sheng Li Ko Hsueh Chin Chan** 1984 Jul; 15(3):222–7 **(Chi)**

[Permeability of the erythrocyte membrane] Sinagawa Y, et al. **Nippon Seirigaku Zasshi** 1984;46(7):243–9 (31 ref.) **(Jpn)**

[Approach of hematology. Red cell deformability and membrane protein] Nakashima K. **Rinsho Byori** 1984 Aug; 32(8):856–61 **(Jpn)**

[Transport of phosphoenolpyruvate across the erythrocyte membrane] Hamasaki N. **Seikagaku** 1984 Jun;56(6):388–401 (69 ref.) **(Jpn)**

[Changes in surface tension, electric potentials and acetylcholinesterase activity in the blood of children with schizophrenic psychoses treated with neuroleptics] Bichoński R, et al. **Folia Med Cracov** 1984;25(1–2):73–86 (Eng. Abstr.) **(Pol)**

[Effect of increased levels of trace elements in the blood on erythrocyte membrane permeability to sodium and potassium ions in childhood schizophrenia] Bichoński R, et al. **Psychiatr Pol** 1984 Sep–Oct;18(5):433–8 (Eng. Abstr.) **(Pol)**

[Changes in ionization equilibrium of erythrocyte suspension during heating. Factors causing their occurrence] Petrenko IuM, et al. **Gematol Transfuziol** 1985 Apr;30(4):36–42 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Erythrocyte membrane fluidity decreased in uremic hemodialyzed patients. Komidori K, et al. **Nephron** 1985; 40(2):185–8

RADIATION EFFECTS

Calorimetric measurements of the effect of 330-MHz radiofrequency radiation on human erythrocyte ghosts. Shnyrov VL, et al. **Bioelectromagnetics** 1984;5(4):411–8

Studies on the mechanism of radiation-induced structural disorganization of human erythrocyte membranes. Yonei S, et al. **Int J Radiat Biol** 1984 Oct;46(4):463–71

Prooxidant and antioxidant effects of ascorbate on photosensitized peroxidation of lipids in erythrocyte membranes. Girotti AW, et al. **Photochem Photobiol** 1985 Mar;41(3):267–76

Photohemolytic lesions: stoichiometry of creation by phloxine B. Valenzeno DP. **Photochem Photobiol** 1984 Dec; 40(6):681–8

[Effect of microwave radiation on the hematopoietic and immunologic systems. I. Microwave generators, occupational exposure and the mechanism of biological action] Lisiewicz J, et al. **Przegl Lek** 1984;41(12):717–21 (18 ref.) **(Pol)**

[Inductive-resonance energy transfer between chromophores localized in different parts of irradiated and nonirradiated erythrocyte ghosts] Fomenko BS, et al. **Radiobiologiia** 1985 Jan–Feb;25(1):12–5 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

The membrane skeleton of human erythrocytes and its implications for more complex cells. Bennett V. **Annu Rev Biochem** 1985;54:273–304 (249 ref.)

Band 3 protein of the red cell membrane of the llama: crosslinking and cleavage of the cytoplasmic domain. Khodadad JK, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):493–9

Drug-induced shape change in erythrocytes correlates with membrane potential change and is independent of glycocalyx charge. Nwafor A, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3329–36

Membrane bilayer balance and erythrocyte shape: a quantitative assessment. Ferrell JE Jr, et al. **Biochemistry** 1985 Jun 4;24(12):2849–57

Determination of the sidedness of carbocyanine dye labeling of membranes. Wolf DE. **Biochemistry** 1985 Jan 29; 24(3):582–6

Membrane stability. Dimitrov DS, et al. **Biochim Biophys Acta** 1984 Dec 4;779(4):437–68 (159 ref.)

An X-ray diffraction and electron microscopy study of the extraction of erythrocyte membranes with the bile salt, cholate. Finean JB, et al. **Biochim Biophys Acta** 1984 Oct 17;777(1):140–6

Oxidative stress of human erythrocytes by iodate and periodate. Reversible formation of aqueous membrane pores due to SH-group oxidation. Heller KB, et al. **Biochim Biophys Acta** 1984 Oct 17;777(1):107–16

Kinetic studies of human erythrocyte membrane resealing. Lee B, et al. **Biochim Biophys Acta** 1985 Apr 26; 815(1):128–34

Alteration of mammalian membranes by the cooperative and antagonistic actions of bacterial proteins. Linder R. **Biochim Biophys Acta** 1984 Dec 4;779(4):423–35 (111 ref.)

Influence of cholesterol and prostaglandin E1 on the molecular organization of phospholipids in the erythrocyte membrane. A fluorescent polarization study with lipid-specific probes. Manevich EM, et al. **Biochim Biophys Acta** 1985 May 28;815(3):455–60

Effects of preparative procedures on the volume and content of resealed red cell ghosts. Nash GB, et al. **Biochim Biophys Acta** 1985 May 28;815(3):477–85

t-butyl hydroperoxide-induced perturbations of human erythrocytes as a model for oxidant stress. Rice-Evans C, et al. **Biochim Biophys Acta** 1985 May 28;815(3):426–32

Reversible and irreversible modification of erythrocyte membrane permeability by electric field. Serpersu EH, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):779–85

Normal-mode analysis of lateral diffusion on a bounded membrane surface. Koppel DE. **Biophys J** 1985 Mar; 47(3):337–47

Shape transformation of erythrocyte ghosts depends on ion concentrations. Herrmann A, et al. **Biosci Rep** 1985 May; 5(5):417–23

Disruption of phospholipid asymmetry in erythrocyte vesicles deficient in spectrin. Choe HR, et al. **Cell Biol Int Rep** 1985 Jul;9(7):597–606

Properties of avian, bovine and porcine erythrocyte membranes. Gillis GH, et al. **Comp Biochem Physiol [B]** 1985;81(1):131–5

Freeze-etching study on membrane ultrastructural changes caused by freezing: cooling rate-dependent intramembrane particle aggregation in erythrocyte stripped ghosts. Fujikawa S. **Cryobiology** 1985 Feb;22(1):69–76

Filipin as a cholesterol probe. II. Filipin-cholesterol interaction in red blood cell membranes. Behnke O, et al. **Eur J Cell Biol** 1984 Nov;35(2):200–15

Early initiation of DNA synthesis in G1 phase HeLa cells following fusion with red cell ghosts loaded with S-phase cell extracts. Brown DB, et al. **Exp Cell Res** 1985 Jan; 156(1):251–9

Barbed end-capping protein regulates polarity of actin filaments from the human erythrocyte membrane. Tsukita S, et al. **Exp Cell Res** 1985 May;158(1):280–5

Red cell membrane cholesterol levels and their effects on transbilayer phospholipid asymmetry. Alam A. **Indian J Biochem Biophys** 1985 Feb;22(1):38–42

Decreased erythrocyte membrane elevations in patients with a major depressive episode. Goekoop JG, et al. **J Affective Disord** 1984 Dec;7(3–4):273–80

Uncoupling of the membrane skeleton from the lipid bilayer. The cause of accelerated phospholipid flip-flop leading to an enhanced procoagulant activity of sickled cells. Franck PF, et al. **J Clin Invest** 1985 Jan;75(1):183–90

In vivo externalization of phosphatidylserine and phosphatidylethanolamine in the membrane bilayer and hypercoagulability by the lipid peroxidation of erythrocytes in rats. Jain SK. **J Clin Invest** 1985 Jul; 76(1):281–6

Molecular defect in the sickle erythrocyte skeleton. Abnormal spectrin binding to sickle inside-our vesicles. Platt OS, et al. **J Clin Invest** 1985 Jan;75(1):266–71

Action of polyethylene glycol on the fusion of human erythrocyte membranes. Hui SW, et al. **J Membr Biol** 1985; 84(2):137–46

The effect of a low pH on the membrane skeleton of the erythrocyte ghost. Timme AH. **J Submicrosc Cytol** 1984 Oct;16(4):665–72

Saturation transfer EPR studies of membrane alteration in hereditary spherocytosis. Fung LW, et al. **Life Sci** 1984 Nov 12;35(20):2071–8

Polyphosphoinositides and the shape of mammalian erythrocytes. Quist E, et al. **Lipids** 1985 Jul;20(7):433–8

Primary structure and transmembrane orientation of the murine anion exchange protein. Kopito RR, et al. **Nature** 1985 Jul 18–24;316(6025):234–8

Freeze-etching and biochemical analysis of human fetal erythrocyte membranes. Kurantsin-Mills J, et al. **Pediatr Res** 1984 Oct;18(10):1035–41

The use of lectin affinity chromatography for the selective isolation of plasma membranes. Kaplan LJ, et al. **Prep Biochem** 1984;14(2):149–61

Visualization of the protein associations in the erythrocyte membrane skeleton. Byers TJ, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6153–7

Erythrocyte membrane vesiculation and changes in membrane composition during storage in citrate-phosphate-dextrose-adenine-1. Greenwalt TJ, et al. **Vox Sang** 1984;47(4):261–70

Polycation-cell surface interactions and plasma membrane compartments in mammals. Interference of oligocation with polycationic condensation. Antohi S, et al. **Z Naturforsch [C]** 1984 Jul–Aug;39(7–8):767–75

Effects of vitamin A in the presence of vitamins D3, E, K1 on red cell membrane structure. Cicero R, et al. **Z Naturforsch [C]** 1984 Jul–Aug;39(7–8):749–52

[Structural changes in erythrocyte membranes in nephropathy] Panasenko OM, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):434–7 (Eng. Abstr.) **(Rus)**

[Structural and functional state of the erythrocyte membrane in experimental carcinogenesis] Tereshchenko IP, et al. **Eksp Onkol** 1985;7(1):27–30 (Eng. Abstr.) **(Rus)**

[Molecular-anatomical studies in biochemical genetics] Shishkin SS. **Vestn Akad Med Nauk SSSR** 1985;(1):78–84 (79 ref.) **(Rus)**

ERYTHROCYTE MEMBRANE BAND 3 PROTEIN see **BAND 3 PROTEIN**

ERYTHROCYTE NUMBER see **ERYTHROCYTE COUNT**

ERYTHROCYTE SEDIMENTATION see **BLOOD SEDIMENTATION**

ERYTHROCYTE SIZE DETERMINATION see **ERYTHROCYTE INDICES**

ERYTHROCYTE SUBSTITUTES see **BLOOD SUBSTITUTES**

ERYTHROCYTE VOLUME

Correlation between 2,3-diphosphoglycerate and red cell mass in the third trimester of pregnancy. Tsai CH, et al. **Acta Obstet Gynecol Scand** 1985;64(4):303-5

Normal and homogeneous red blood cell populations over a wide range of hyper-iso-hypotonic media. III. Corrected volumes in Coulter Counter measurements. Mela M, et al. **Acta Physiol Scand** 1984 Dec;122(4):515-25

Anti-tumor chemotherapy: MCV and RDW [letter] Bessman JD. **Am J Clin Pathol** 1985 Jun;83(6):778

Splenic red cell sequestration and blood volume measurements in conscious pigs. Hannon JP, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):R293-301

Hyperglycemic macrocytosis in electronically determined mean corpuscular volume. Use of three different automatic cell counters. Planas AT, et al. **Ann Clin Lab Sci** 1985 Jul-Aug;15(4):286-91

Persistence of abnormal RBC and platelet phenotype during recovery from aplastic anemia. Bessman JD, et al. **Arch Intern Med** 1985 Feb;145(2):293-6

Mean red blood cell volume, narcotic addiction, and glucose tolerance [letter] Ceriello A, et al. **Arch Intern Med** 1985 Aug;145(8):1530-1

Hepatic trapping of red cells in canine endotoxin shock: a variable phenomenon after splenectomy. Teule GJ, et al. **Cardiovasc Res** 1985 Apr;19(4):201-5

Radionuclide (51Cr, 125I and 59Fe) blood volume studies in West Africans with sickle-cell disease. Knox-Macaulay HH. **East Afr Med J** 1984 May;61(5):356-61

The body/venous haematocrit ratio and its use for calculating total blood volume from fractional volumes. Najean Y, et al. **Eur J Nucl Med** 1984;9(12):558-60

Regulation of cation content and cell volume in hemoglobin erythrocytes from patients with homozygous hemoglobin C disease. Brugnara C, et al. **J Clin Invest** 1985 May;75(5):1608-17

Red-cell size distribution analysis: an evaluation of microcytic anemia in chronically ill patients. Kaye FJ, et al. **Mt Sinai J Med (NY)** 1985 May;52(5):319-23

[What is the reference range for the mean erythrocyte volume?] Stahl M, et al. **Ugeskr Laeger** 1985 Apr 1;147(14):1189-91 (Eng. Abstr.) **(Dan)**

[Relations between the concentration and the quantity of blood in fattening swine and boars] Steinhardt M, et al. **Arch Exp Veterinarmed** 1984 Sep;38(5):744-56 (Eng. Abstr.) **(Ger)**

[Blood, erythrocyte and plasma volumes in patients with pheochromocytoma] Wyrzykowski B, et al. **Kardiol Pol** 1984;27(8):659-66 (Eng. Abstr.) **(Pol)**

[Values for red blood cells, leukocytes and platelets during the first 8 weeks of life at an altitude of 2,650 meters] Mejía-Domínguez AM, et al. **Bol Med Hosp Infant Mex** 1985 May;42(5):297-305 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Cation permeability and mechanical properties of the erythrocyte membrane under the influence of lysophosphatidylcholine (LPC) in isotonic and hypotonic media. Eskelinen S, et al. **Acta Physiol Scand** 1984 Dec;122(4):527-34

Rapid restoration of red blood cell mass in severely anemic surgical patients who refuse transfusion. Dudrick SJ, et al. **Arch Surg** 1985 Jun;120(6):721-7

Study of erythrocyte mean corpuscular volume during cytotoxic therapy as a predictive parameter of the risk of secondary leukemia in Hodgkin's disease. de Gramont A, et al. **Cancer Treat Rep** 1984 Dec;68(12):1467-70

Effect of intracoronary adenosine upon regional blood flow, microvascular blood volume and hematocrit in canine myocardium. Eliasen P, et al. **Int J Microcirc Clin Exp** 1984;3(1):3-12

[Changes of red cell volume in isotonic glycerol solution] Tatsumi N, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1760-5 (Eng. Abstr.) **(Jpn)**

ERYTHROCYTE VOLUME, MEAN CELL see **ERYTHROCYTE INDICES**

ERYTHROCYTE VOLUME, PACKED see **HEMATOCRIT**

ERYTHROCYTES

Continuous-flow hollow-fiber dialysis system for preparation of bovine carrier erythrocytes. DeLoach JR. **Am J Vet Res** 1985 May;46(5):1089-91

Localization of lower gastrointestinal hemorrhage. Experience with red blood cells labeled in vitro with technetium Tc 99m. Orecchia PM, et al. **Arch Surg** 1985 May;120(5):621-4

The role of contrast angiography in gastrointestinal bleeding with the advent of technetium labelled red blood cell scans. van der Vliet AH, et al. **Australas Radiol** 1985 Feb;29(1):29-34

Comparison and potential of hypo-osmotic and iso-osmotic erythrocyte ghosts and carrier erythrocytes as drug and enzyme carriers. Chalmers RA. **Bibl Haematol** 1985;(51):15-24

Encapsulation and pharmacokinetics of drugs in bovine and canine carrier erythrocytes. DeLoach JR. **Bibl Haematol** 1985;(51):36-41

Carrier erythrocytes: a prospectus for the future. DeLoach JR, et al. **Bibl Haematol** 1985;(51):157-9

Hypotonic dialysis encapsulation in erythrocytes of mammalian species. DeLoach JR. **Bibl Haematol** 1985;(51):1-6

Entrapment of DNA and fluorescent compounds in erythrocyte carriers by endocytosis. Ihler MG. **Bibl Haematol** 1985;(51):127-33

The use of erythrocytes for delivery of chemotherapeutic agents to the reticuloendothelial system. Lynch WE, et al. **Bibl Haematol** 1985;(51):42-9

Encapsulation and targeting of drugs in electrically hemolysed red cells. Mishra KP, et al. **Bibl Haematol** 1985;(51):115-26

RBC-mediated microinjection of chromatin components into cultured mammalian cells. Rechsteiner M, et al. **Bibl Haematol** 1985;(51):142-9

Resealed red blood cells as a new blood transfusion product. Ropars C, et al. **Bibl Haematol** 1985;(51):82-91

Red cell-mediated microinjection of antibodies. Schlegel RA. **Bibl Haematol** 1985;(51):134-41

Erythrocytes as carrier for therapeutic enzymes—an approach towards enzyme therapy of inborn errors of metabolism. Sprandel U. **Bibl Haematol** 1985;(51):7-14

Entrapment of L-asparaginase in red blood cells. A strategy to improve treatment of acute lymphoblastic leukemia. Updike SJ. **Bibl Haematol** 1985;(51):65-74

Erythrocyte encapsulated thiosulfate sulfurtransferase. Way JL, et al. **Bibl Haematol** 1985;(51):75-81

A comparison of the spin labels MAL-3 and TEMPAMINE for measuring the internal microviscosity of human erythrocytes. Morse PD 2d. **Biochim Biophys Acta** 1985 Mar 21;844(3):337-45

Red cell removal from donor bone marrow [letter] Jones HM, et al. **Br J Haematol** 1984 Nov;58(3):553-4

Apheresis procedures in polycythaemia [letter] Wedzicha JA, et al. **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1072

Effect of red blood cell stroma on the reticuloendothelial system clearance and killing of Streptococcus pneumoniae. Grover GJ, et al. **Circ Shock** 1984;14(1):39-47

Inadequate hemolysis of erythrocytes on reagent strips at low pH causes false-negative readings. Levin K, et al. **Clin Chem** 1984 Nov;30(11):1845-7

Tc-99m red blood cells for the study of rapid hemolytic processes associated with heterologous blood transfusions. Benedetto AR, et al. **Clin Nucl Med** 1984 Oct;9(10):561-4

Optimal technetium-99m RBC labeling for gastrointestinal hemorrhage study. Landry A Jr, et al. **Clin Nucl Med** 1985 Jul;10(7):491-3

Tc-99m red blood cell venography in deep venous thrombosis of the lower limb. An overview. Lisbona R, et al. **Clin Nucl Med** 1985 Mar;10(3):208-24

Abdominal varices mimicking an acute gastrointestinal hemorrhage during technetium-99m red blood cell scintigraphy. Moreno AJ, et al. **Clin Nucl Med** 1985 Apr;10(4):248-51

Abdominal scanning with Tc-99m red blood cells. False-positive study due to ectopic kidney. Suzuki Y, et al. **Clin Nucl Med** 1984 Nov;9(11):616-8

Unusual scintigraphic presentation of a shifting Meckel's diverticulum. Zwas ST, et al. **Clin Nucl Med** 1985 Apr;10(4):252-5

The effect of cooling rate and warming rate on the packing effect in human erythrocytes frozen and thawed in the presence of 2 M glycerol. Pegg DE, et al. **Cryobiology** 1984 Oct;21(5):491-502

Genetic analysis of familial erythrophagocytic lymphohistiocytosis. Gencik A, et al. **Eur J Pediatr** 1984 Sep;142(4):248-52

Erythrapheresis compared with placebo apheresis in patients with polycythaemia secondary to hypoxic lung disease. Wedzicha JA, et al. **Eur J Respir Dis** 1984 Nov;65(8):579-85

Elevation of erythroid colony-stimulating activity in the serum of mice with graft-versus-host disease. Kanamaru A, et al. **Exp Hematol** 1984 Nov;12(10):763-7

Posters presented at the Xth International Symposium on Structure and Function of Erythroid Cells (29.8.-1.9.1983, Berlin/GDR). **Folia Haematol (Leipz)** 1985;112(1):1-37

Scintigraphic detection of coronary artery thrombi in patients with acute myocardial infarction. Fox KA, et al. **J Am Coll Cardiol** 1984 Nov;4(5):975-86

An efficient method for introducing macromolecules into living cells. Doxsey SJ, et al. **J Cell Biol** 1985 Jul;101(1):19-27

Erythrocyte depletion of ABO-incompatible bone marrow. Sniecinski I, et al. **J Clin Apheresis** 1985;2(3):231-4

Solid-phase competitive and sandwich-type erythro-immunoassays for human chorionic gonadotropin. Gupta SK, et al. **J Immunol Methods** 1985 Jun 25;80(2):177-87

Centrifugation of normal and rheumatoid arthritis blood on Ficoll-Hypaque and Ficoll-Nycodenz solutions. McCarthy DA, et al. **J Immunol Methods** 1984 Oct 26;73(2):415-25

The coating of erythrocytes with detergent-solubilized molecules: a general method for improved coupling of antigens and antibodies. Steinitz M, et al. **J Immunol Methods** 1985 Jan 21;76(1):27-38

Antileishmanial activity of human red blood cells containing formycin A. Berman JD, et al. **J Infect Dis** 1985 Apr;151(4):698-703

Evaluation of red blood cell (RBC) labeling procedures in cardiovascular scintigraphy. Hinkle GH, et al. **J Nucl Med Allied Sci** 1984 Apr-Jun;28(2):63-8

Evaluation of methods for chemically coupling foot-and-mouth disease virus to sheep red blood cells for immunological assays. Varelas-Wesley I, et al. **J Virol Methods** 1985 Jun;11(2):105-17

Optimal additive solutions for red cell storage [letter] Collins A, et al. **Lancet** 1985 May 18;1(8438):1162

Frozen red cells revisited [editorial] Chaplin H Jr. **N Engl J Med** 1984 Dec 27;311(26):1696-8

Treatment of four patients with erythrophagocytic lymphohistiocytosis by a combination of epipodophyllotoxin, steroids, intrathecal methotrexate, and cranial irradiation. Fischer A, et al. **Pediatrics** 1985 Aug;76(2):263-8

The red cell. Sixth Ann Arbor Conference. Proceedings of the Sixth International Conference on Red Cell Metabolism and Function held in Ann Arbor, Michigan, October 3-5, 1983. **Prog Clin Biol Res** 1984;165:1-575

Encapsulation of hemoglobin in phospholipid vesicles: preparation and properties of a red cell surrogate. Gaber BP, et al. **Prog Clin Biol Res** 1984;165:179-90

Pseudoaneurysm detection with Tc-99m-labeled red blood cells. Ertzner TW, et al. **Radiology** 1985 Feb;154(2):507-12

Popliteal cysts and deep venous thrombosis: Tc-99m red blood cell venography. Littlejohn GO, et al. **Radiology** 1985 Apr;155(1):237-40

Clinical studies with spleen-specific radiolabeled agents. Armas RR. **Semin Nucl Med** 1985 Jul;15(3):260-75 (53 ref.)

Familial erythrophagocytic lymphohistiocytosis. van Acker KJ, et al. **Tijdschr Kindergeneeskd** 1984 Oct;52(5):192-6

Long-term cryopreservation of red cells from patients with sickle cell disease. Castro OL. **Transfusion** 1985 Jan-Feb;25(1):70-2

Development of an optimized additive solution containing ascorbate-2-phosphate for the preservation of red cells with retention of 2,3 diphosphoglycerate. Moore GL, et al. **Transfusion** 1985 Jul-Aug;25(4):319-24

Test cells for use with anti-IgG sub-typing antisera in the antiglobulin test. Rawlinson VI, et al. **Transfusion** 1985 Jan-Feb;25(1):27-9

A randomized study comparing leukocyte-depleted versus packed red cell transfusions in prospective cadaver renal allograft recipients. Sanfilippo FP, et al. **Transfusion** 1985 Mar-Apr;25(2):116-9

Cell surface alterations during blood-storage characterized by artificial aggregation of washed red blood cells. Hessel E, et al. **Vox Sang** 1985;49(2):86-91

[Detection of multiple bleeding sites with 99mTc-labeled erythrocytes] Baumgarten C, et al. **Nuklearmedizin** 1984 Aug;23(4):201-2 **(Ger)**

[Evaluation of a filter for the preparation of erythrocyte concentrates poor in leukocytes and platelets. Preliminary results] Valbonesi M, et al. **Riv Emoter Immunoematol** 1984;31(2):141-8 (Eng. Abstr.) **(Ita)**

[Indications for splenic sequestration scintigraphy using Tc-99m-labeled denatured red blood cells: a comparison with Tc-99m-tin colloid scintigraphy] Nakajima K, et al. **Kaku Igaku** 1985 Jan;22(1):37-41 (Eng. Abstr.) **(Jpn)**

[Magnetic susceptibility and magnetic capture of cells] Shalygin AN, et al. **Biofizika** 1984 Sep-Oct;29(5):845-51 (Eng. Abstr.) **(Rus)**

[False positive findings in the localization of gastrointestinal hemorrhage using radiolabeled erythrocytes] Dujmović F, et al. **Med Pregl** 1984;37(11-12):517-9 (Eng. Abstr.) **(Ser)**

ANALYSIS

General level and distribution of the intra- and extra-erythrocytes sodium concentration in a population and their relationship with blood pressure. Pan XQ, et al. **Acta Acad Med Wuhan** 1984;4(3):175-9

High mobility group non-histone chromosomal proteins from chicken thrombocytes and erythrocytes. Krajewska WM, et al. **Acta Biochim Pol** 1985;32(2):87-94

Plasma and red cell sorbitol assay in diabetic subjects. Poli T, et al. **Acta Diabetol Lat** 1985 Jan-Mar;22(1):17-23

Erythrocytic zinc content during childhood. Iolascon A, et al. **Acta Haematol (Basel)** 1985;73(2):114-6

Hemoglobin content of single erythrocytes from fetuses with parents having heterozygous beta-thalassemia. Meletis J, et al. **Acta Haematol (Basel)** 1985;73(1):16-21

Trace element profiles in individual blood cells from patients with Down's syndrome. Annerén G, et al. **Acta Paediatr Scand** 1985 Mar;74(2):259-63

Selenium in plasma and erythrocytes in patients with Down's syndrome and healthy controls. Variation in relation to age, sex and glutathione peroxidase activity in erythrocytes. Annerén G, et al. **Acta Paediatr Scand** 1985 Jul;74(4):508-14

Carnitine concentration of red blood cells. Borum PR, et al. **Am J Clin Nutr** 1985 Mar;41(3):653-6

Red blood cell tocopherol concentrations in a normal population of Japanese children and premature infants in relation to the assessment of vitamin E status. Mino M, et al. **Am J Clin Nutr** 1985 Mar;41(3):631-8

Plasma and red blood cell beta-endorphin immunoreactivity in normal and complicated pregnancies: gestational age variation. Evans MI, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):433-7

An antihypertensive substance associated with erythrocytes. McCumbee WD, et al. **Am J Physiol** 1985 Apr;248(4 Pt

2):H445-51

RBC choline and renal disorders during lithium treatment. Gutterman DF, et al. **Am J Psychiatry** 1985 Apr; 142(4):493-5

Biochemical RBC abnormalities in drug-free and lithium-treated manic patients. Jope RS, et al. **Am J Psychiatry** 1985 Mar;142(3):356-8

A rapid and sensitive high-performance liquid chromatographic assay for 6-mercaptopurine metabolites in red blood cells. Lavi LE, et al. **Anal Biochem** 1985 Feb 1;144(2):514-21

Analysis of erythrocyte protein methyl esters by two-dimensional gel electrophoresis under acidic separating conditions. O'Connor CM, et al. **Anal Biochem** 1985 Jul;148(1):79-86

Simultaneous extraction and reverse-phase high-performance liquid chromatographic determination of adenine and pyridine nucleotides in human red blood cells. Stocchi V, et al. **Anal Biochem** 1985 Apr; 146(1):118-24

Whole blood and red cell ATP content in patients with peripheral vascular disease: the effect of cigarette smoking and oxpentifylline. Maughan RJ, et al. **Angiology** 1984 Oct; 35(10):628-32

Colorimetric measurement of glycosylated protein in whole blood, red blood cells, plasma and dried blood. Eross J, et al. **Ann Clin Biochem** 1984 Nov;21 (Pt 6):477-83

The hemoglobin content and concentration of single fetal erythrocytes obtained by placentocentesis from mothers with heterozygous beta-thalassemia. Yataganas X, et al. **Ann NY Acad Sci** 1985;445:376-9

Blood lead levels and the haematocrit correction. deSilva PE. **Ann Occup Hyg** 1984;28(4):417-28

Reconstitution of calpain I and calpain II from their subunits: interchangeability of the light subunits. Kikuchi T, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):639-45

Isolation, characterization, and esterase and CO2 hydration activities of ubiquitin from bovine erythrocytes. Matsumoto H, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):426-33

Interaction of Newcastle disease virus strains differing in virulence with chicken red blood cell receptors. Rivetz B, et al. **Arch Virol** 1985;85(3-4):231-55

Zinc content of red and white blood cells in aboriginal children. Cheek DB, et al. **Aust NZ J Med** 1984 Oct; 14(5):638-42

The cholesterol content of the human erythrocyte influences calcium influx through the channel. Locher R, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):822-8

Beta adrenoceptors of human red blood cells, determination of their subtypes. Bree F, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4045-50

Measurement of intracellular pH and deoxyhemoglobin concentration in deoxygenated erythrocytes by phosphorus-31 nuclear magnetic resonance. Labotka RJ. **Biochemistry** 1984 Nov 6;23(23):5549-55

Structural and functional analysis of spectrin from neonatal erythrocytes. Hajjar KA. **Biochim Biophys Acta** 1985 Mar 1;827(3):460-5

Mechanism of cytoskeletal regulation (I): functional differences correlate with antigenic dissimilarity in human brain and erythrocyte spectrin. Harris AS, et al. **Biochim Biophys Acta** 1985 Aug 8;830(2):147-58

Two-dimensional electrophoretic analysis of human erythrocyte cylindrin. Lande WM, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):105-11

Effects of preparative procedures on the volume and content of resealed red cell ghosts. Nash GB, et al. **Biochim Biophys Acta** 1985 May 28;815(3):477-85

Purification and kinetic characterisation of human erythrocyte actin. Tilley L, et al. **Biochim Biophys Acta** 1984 Oct 9;790(1):46-52

Characterization of a photosensitive glucose derivative. A photoaffinity reagent for the erythrocyte hexose transporter. Weber TM, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):503-11

Application of antibody chimera in enzyme and erythro immunoassay. Porstmann T, et al. **Biomed Biochim Acta** 1984;43(10):1191-8

Ferritin in erythrocytes and plasma of patients with iron overload. Bodemann HH, et al. **Blut** 1985 Jul;51(1):25-31

A study of zinc distribution in erythrocytes of normal humans. Ohno H, et al. **Blut** 1985 Feb;50(2):113-6

Ultracytochemistry of glycogen particles in human erythroblasts. Semiquantitative observation. Sugiyama S, et al. **Blut** 1984 Oct;49(4):307-14

Central nervous system-directed neuronotrophic activity present in red blood cells. Williams LR, et al. **Brain Res** 1985 Jun 10;336(1):99-105

Separation of nitrobenzylthioinosine from high affinity binding sites on human erythrocytes by gel chromatography. Paterson AR, et al. **Can J Biochem Cell Biol** 1984 Dec;62(12):1283-7

Erythrocyte sialic acid alterations in experimental diabetes. Gavella M, et al. **Cell Mol Biol** 1985;31(2):75-80

A sensitive high-temperature electrothermal atomic absorption analysis for Rb+ in erythrocytes and plasma of normal and hypertensive persons. Hallis KF, et al. **Clin Chem** 1985 Feb;31(2):274-6

Determination of cyanide in whole blood, erythrocytes, and plasma. Lundquist P, et al. **Clin Chem** 1985 Apr;31(4):591-5

Simple micromethod for determination of erythrocyte electrolyte concentration [letter] Suzuki K, et al. **Clin Chem** 1985 Jan;31(1):156-7

Diagnostic value of erythrocyte-free polyamines and histaminemia in malignant hepatic tumors and in liver cirrhosis. Moulinoux JP, et al. **Clin Chim Acta** 1985 Jan 15;145(1):77-87

Lipids, fatty acids and trace elements in plasma and erythrocytes of pediatric patients with homozygous sickle cell disease. Muskiet FD, et al. **Clin Chim Acta** 1984 Sep 15;142(1):1-10

Rapid quantitative analysis of phospholipids in biological fluids after thin-layer chromatography. Vaysse J, et al. **Clin Chim Acta** 1985 Apr 15;147(2):183-90

Family studies of erythrocyte complement receptor type 1 levels: reduced levels in patients with SLE are acquired, not inherited. Walport MJ, et al. **Clin Exp Immunol** 1985 Mar;59(3):547-54

Erythrocyte phosphate composition and osmotic fragility in the Australian lungfish, Neoceratodus fosteri, and osteoglossid, Scleropages schneichardti. Isaacks RE, et al. **Comp Biochem Physiol** [A] 1984;79(4):667-71

Effect of a sorbitol-rich diet on plasma and erythrocyte sorbitol concentrations in normal and diabetic subjects. Malaisse-Lagae F, et al. **Diabetes Res** 1984 Nov;1(4):209-11

The relevance of red cell potassium in diagnosis [editorial] Frape DL. **Equine Vet J** 1984 Sep;16(5):401-2

Determination of red blood cell potassium content in horses with diarrhoea: a practical approach for therapy. Muylle E, et al. **Equine Vet J** 1984 Sep;16(5):450-2

Potassium concentration in equine red blood cells: normal values and correlation with potassium levels in plasma. Muylle E, et al. **Equine Vet J** 1984 Sep;16(5):447-9

Comparison of spectrin isolated from erythroid and non-erythroid sources. Glenney JR Jr, et al. **Eur J Biochem** 1984 Nov 2;144(3):529-39

Reduction in the stearic to oleic acid ratio in the circulating red blood cells: a possible tumour marker in solid human neoplasms. Wood CB, et al. **Eur J Surg Oncol** 1985 Jun; 11(2):167-9

Influence of histone H5 on mononucleosome structure during differentiation in the avian erythroid series. Haye KR, et al. **Exp Cell Res** 1985 Apr;157(2):504-10

Concentration of selenium in plasma and erythrocytes during total parenteral nutrition in Crohn's disease. Jacobson S, et al. **Gut** 1985 Jan;26(1):50-4

Metabolic abnormality in cluster headache. de Belleroche J, et al. **Headache** 1984 Nov;24(6):310-2

Distributions of hemoglobins A and S among erythrocytes of heterozygotes. Anyaibe S, et al. **Hemoglobin** 1985; 9(2):137-55

Effect of splenectomy on free amino acid concentrations in erythrocytes of patients with hereditary spherocytosis. Fukuda K, et al. **Hiroshima J Med Sci** 1985 Mar;34(1):71-4

Identification of a disialoganglioside (GD1a) containing terminal N-acetyl-9-O-acetylneuraminic acid in rat erythrocytes. Gowda DC, et al. **Hoppe Seylers Z Physiol Chem** 1984 Oct;365(10):1247-53

Red cell sorbitol and diabetic control. Akgün S, et al. **Horm Metab Res** 1985 Jul;17(7):355-7

Thiamine pyrophosphate determination in whole blood and erythrocytes by high performance liquid chromatography. Floridi A, et al. **Int J Vitam Nutr Res** 1984;54(2-3):165-71

Assessment of magnesium and aluminum in erythrocytes by the laser microprobe mass analyzer (LAMMA). Zumkley H, et al. **J Am Coll Nutr** 1984;3(4):303-9

Red blood cell abnormalities in Alzheimer disease. Blass JP, et al. **J Am Geriatr Soc** 1985 Jun;33(6):401-5

Quantitative determination of 2-hydroxy-3-methoxy-6 beta-naltrexol (HMN), naltrexone, and 6 beta-naltrexol in human plasma, red blood cells, saliva, and urine by gas liquid chromatography. Verebey K, et al. **J Anal Toxicol** 1980 Jan-Feb;4(1):33-7

Monoclonal antibodies to the glucose transporter from human erythrocytes. Identification of the transporter as a Mr = 55,000 protein. Allard WJ, et al. **J Biol Chem** 1985 Jul 25;260(15):8668-75

Identification of a novel ganglioside on erythrocytes with blood group Cad specificity. Blanchard D, et al. **J Biol Chem** 1985 Jul 5;260(13):7813-6

Different reactivities of brain and erythrocyte tubulins toward a sulfhydryl group-directed reagent that inhibits microtubule assembly. Ludueña RF, et al. **J Biol Chem** 1985 Jan 25;260(2):1257-64

(Na,K)-ATPase and Ouabain binding in reticulocytes from dogs with high K and low K erythrocytes and their changes during maturation. Maede Y, et al. **J Biol Chem** 1985 Mar 25;260(6):3337-43

Reconstitution studies of the human erythrocyte nucleoside transporter. Tse CM, et al. **J Biol Chem** 1985 Mar 25; 260(6):3506-11

Myosin from human erythrocytes. Wong AJ, et al. **J Biol Chem** 1985 Jan 10;260(1):46-9

Human erythrocyte myosin: identification and purification. Fowler VM, et al. **J Cell Biol** 1985 Jan;100(1):47-55

Partial purification and characterization of an actin-bundling protein, band 4.9, from human erythrocytes. Siegel DL, et al. **J Cell Biol** 1985 Mar;100(3):775-85 (98 ref.)

Assay of human erythrocyte pyrimidine and deoxypyrimidine 5'-nucleotidase by isocratic reversed-phase high-performance liquid chromatography. Cook L, et al. **J Chromatogr** 1985 May 3;339(2):293-301

Distribution and concentration of cyclosporin in human blood. Atkinson K, et al. **J Clin Pathol** 1984 Oct; 37(10):1167-71

Red blood cells, a source of factors which induce Neisseria gonorrhoeae to resistance to complement-mediated killing by human serum. Patel PV, et al. **J Gen Microbiol** 1984 Nov;130 (Pt 11):2767-70

Fractionation of guinea pig serum for an inducer of gonococcal resistance to killing by human serum: active fractions containing glucopeptides similar to those from human red blood cells. Patel PV, et al. **J Gen Microbiol** 1984 Nov;130 (Pt 11):2757-66

Intracellular concentration and transmembrane fluxes of sodium and potassium in erythrocytes of white normal male subjects with and without a family history of hypertension. Lijnen P, et al. **J Hypertens** 1984 Feb;2(1):25-30

A microtiter plate enzyme-linked immunosorbent assay for measuring C3b receptors on human erythrocytes. Thomsen BS, et al. **J Immunol Methods** 1985 Aug 2;81(2):259-69

Abnormal fatty acid composition of erythrocyte glycosphingolipids in congenital dyserythropoietic anemia type II. Bouhours JF, et al. **J Lipid Res** 1985 Apr; 26(4):435-41

Rapid separation and quantification of lipid classes by high performance liquid chromatography and mass (light-scattering) detection. Christie WW. **J Lipid Res** 1985 Apr;26(4):507-12

Characterization of neutral sphingolipids from chicken erythrocytes. Shiraishi T, et al. **J Lipid Res** 1985 Jul; 26(7):860-6

Erythropoietic protoporphyria: a first case report in Thailand and family study. Sunthonpalin P, et al. **J Med Assoc Thai** 1985 Apr;68(4):205-11

Characterization of [3H]ouabain binding sites in human brain, platelet, and erythrocyte. Hauger R, et al. **J Neurochem** 1985 Jun;44(6):1704-8

The correlation between serum digoxin and electrolytes in saliva and erythrocytes in digitalized patients. Ben-Aryeh H, et al. **J Oral Med** 1982 Oct-Dec;37(4):124-9

What represents pleocytosis in blood-contaminated ('traumatic tap') cerebrospinal fluid in children? Rubenstein JS, et al. **J Pediatr** 1985 Aug;107(2):249-51

Hemoglobin interference in the direct determination of erythrocyte protoporphyrin concentrations for monitoring lead intoxication of waterfowl [letter] Kerr KD, et al. **J Wildl Dis** 1985 Jul;21(3):338-40

Catecholamines in plasma and erythrocytes of rats with transplantable pheochromocytoma. Alexander N, et al. **Life Sci** 1985 Feb 11;36(6):571-7

Changes in erythrocyte glycolytic intermediates during general anesthesia. Tani K, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):846-52

Erythrocyte differentiation of naturally occurring isotopic lithium abundances. Lieberman KW, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):145-6

The large scale purification of ubiquitin from human erythrocytes. Haas AL, et al. **Prep Biochem** 1985; 15(1-2):49-60

Lithium transport in red cells of patients with affective disorders. Pandey GN, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):547-55

Lithium and melatonin in pigmented eye rats: effects of dose and time of day. Seggie J, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):733-6

Erythrocyte zinc protoporphyrin determination for screening for lead exposure. Torrance JD, et al. **S Afr Med J** 1985 May 25;67(21):848-50

Red cell basic ferritin content of patients with megaloblastic anaemia due to vitamin B12 or folate deficiency. van der Weyden MB, et al. **Scand J Haematol** 1984 Oct;33(4):373-7

Anti-Tcb, an antibody that defines a red cell antigen antithetical to Tca. Lacey PA, et al. **Transfusion** 1985 Jul-Aug;25(4):373-6

[Effect of magnesium on erythrocytic electrolytes in digitalis poisoning] Wang L. **Chung Hua Nei Ko Tsa Chih** 1984 Jun;23(6):333-5, 396 (Eng. Abstr.) **(Chi)**

[Plasma and erythrocyte zinc levels in surgical patients] Zheng TL. **Chung Hua Wai Ko Tsa Chih** 1984 Jan; 22(1):55-7, 64 (Eng. Abstr.) **(Chi)**

[Hepato-erythrocytic porphyria in 2 female twins] Sfar Z, et al. **Ann Dermatol Venereol** 1985;112(5):453-6 **(Fre)**

[Magnesium, calcium and zinc levels in plasma and erythrocytes of spontaneously hypertensive rats] Henrotte JG, et al. **C R Acad Sci [III]** 1985;300(11):431-6 (Eng. Abstr.) **(Fre)**

[Detection of chronic lead poisoning. Value of the assay of erythrocyte protoporphyrin] Nordmann Y, et al. **Presse Med** 1984 Oct 6;13(35):2137-41 (Eng. Abstr.) **(Fre)**

[Erythrocyte-associated plasma proteins, a further aspect of erythrocyte function?] Linke A, et al. **Folia Haematol (Leipz)** 1985;112(2):278-84 (Eng. Abstr.) **(Ger)**

[Determination of the energy load of erythrocytes in long-distance and medium-distance runners] Accorsi A, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1739-41 (Eng. Abstr.) **(Ita)**

[Glucose 1,6-diphosphate in the erythrocytes of various species of mammal] Accorsi A, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1663-5 (Eng. Abstr.) **(Ita)**

[Rapid method for evaluating intra-erythrocyte Na+

activity] Antonicelli R, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):151-8 (Eng. Abstr.) **(Ita)**

[Evaluation of intra-erythrocyte Na+ activity in persons at high risk for essential arterial hypertension and as an aid in differential diagnosis from secondary forms of hypertension] Antonicelli R, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):159-64 (Eng. Abstr.) **(Ita)**

[Blood glutathione levels in rabbits treated with high doses of vitamin E] Costagliola C, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):279-85 (Eng. Abstr.) **(Ita)**

[Reference values of erythrocyte zinc-protoporphyrin in monitoring occupational exposure to lead] Franco G, et al. **Quad Sclavo Diagn** 1984 Mar;20(1):28-38 (Eng. Abstr.) **(Ita)**

[Basic and clinical studies on the simultaneous measurement of serum and red blood cell folate and serum vitamin B12 concentrations using Corning vitamin B12 [57Co]/folate [125I] radioassay kit] Kihara K, et al. **Kaku Igaku** 1985 Feb;22(2):233-44 **(Jpn)**

[Studies on the agglutinability of erythrocytes. I. Relationship between ATP content and agglutinability] Okada M, et al. **Nippon Hoigaku Zasshi** 1984 Aug;38(4):410-5 (Eng. Abstr.) **(Jpn)**

[Determination of polyamines in plasma and erythrocytes of patients with chronic renal failure] Saito A, et al. **Nippon Jinzo Gakkai Shi** 1985 Feb;27(2):183-8 (Eng. Abstr.) **(Jpn)**

[Polyamine analysis of blood, tissue and gastric juice and its clinical significance. I. Blood polyamine analysis and its significance. B. Erythrocyte polyamine analysis method and its clinical application] Shinpo K, et al. **Rinsho Byori** 1984 Jul;Spec No 59:157-66 **(Jpn)**

[Polyamine analysis of blood, tissue and gastric juice and its clinical significance. I. Blood polyamine analysis and its significance. A. Erythrocyte polyamine values in surgical patients with cancer] Takami H. **Rinsho Byori** 1984 Jul;Spec No 59:151-6 **(Jpn)**

[Sodium content of erythrocytes in patients with arterial hypertension and in healthy persons] Wocial B, et al. **Pol Arch Med Wewn** 1984 Oct;72(4):167-74 (Eng. Abstr.) **(Pol)**

[Quantitative local x-ray spectral microanalysis of single erythrocytes] Buravkov SV. **Biull Eksp Biol Med** 1984 Nov;98(11):627-9 (Eng. Abstr.) **(Rus)**

[Distribution of antigens of various erythrocytic systems in patients with hematologic diseases] Nersisian VM, et al. **Gematol Transfuziol** 1984 Dec;29(12):12-5 (Eng. Abstr.) **(Rus)**

[ATP and 2,3-DPG concentrations in the erythrocytes of peritonitis patients] Taranenko LD, et al. **Klin Khir** 1985 Jan;(1):19-20 (Eng. Abstr.) **(Rus)**

[Erythrocyte fatty acids of patients with diabetes mellitus and diabetic microangiopathies] Naumenko VG, et al. **Klin Med (Mosk)** 1985 Mar;63(3):91-6 (Eng. Abstr.) **(Rus)**

[2,3-Diphosphoglycerate content of the erythrocytes in patients with acute myocardial infarct] Gabarashvili LV, et al. **Lab Delo** 1984;(11):656-8 **(Rus)**

[Cholesterol content of erythrocytes in humans with different levels of plasma cholesterol] Klimov AN, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):71-4 (Eng. Abstr.) **(Rus)**

[Determination of erythrocyte porphyrins by mathematic calculation (letter)] Tutor JC. **Med Clin (Barc)** 1985 Apr 6;84(13):546 **(Spa)**

CLASSIFICATION

Cell-bound autologous immunoglobulin in erythrocyte subpopulations from patients with sickle cell disease. Green GA, et al. **Blood** 1985 May;65(5):1127-33

Two populations of erythroid cell progenitors in paroxysmal nocturnal hemoglobinuria. Rotoli B, et al. **Blood** 1984 Oct;64(4):847-51

Demonstration of two erythrocyte populations in young chickens by counter-current distribution of 59Fe-labelled cells in dextran-poly(ethylene glycol) two-phase systems. Martin M, et al. **Br Poult Sci** 1985 Apr;26(2):163-70

[Visual classification of erythrocytes in blood smears from normal subjects and patients] Linke A, et al. **Folia Haematol (Leipz)** 1985;112(1):150-8 (Eng. Abstr.) **(Ger)**

[Interrelation of the morphofunctional characteristics of the erythron and heme-synthesizing enzyme activity during heat exposure] Varypaeva LP, et al. **Fiziol Zh SSSR** 1985 May;71(5):625-30 (Eng. Abstr.) **(Rus)**

CYTOLOGY

Young red cell preparation—a comparison of available methods. Marcus RE, et al. **Acta Haematol (Basel)** 1985;73(1):22-5

Roles of cell geometry and cellular viscosity in red cell passage through narrow pores. Reinhart WH, et al. **Am J Physiol** 1985 May;248(5 Pt 1):C473-9

Statistical constraints on microvascular measurements using fluorescent erythrocytes. Sarelius IH, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):H577-86

Agarose-polyaldehyde microsphere beads: synthesis and biomedical applications. Cell labeling, cell separation, affinity chromatography, and hemoperfusion. Margel S. **Appl Biochem Biotechnol** 1983 Dec;8(6):523-39

Human leukemia K562 cells: relationship between hemin-mediated erythroid induction, cell proliferation and expression of c-abl and c-myc oncogenes. Gambari R, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):90-6

Changes in morphology and in polyphosphoinositide turnover of human erythrocytes after cholesterol depletion. Giraud F, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):191-200

The effect of hypercholesterolemia on guinea pig platelets, erythrocytes and megakaryocytes. Schick BP, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):291-302

Erythropoietin: a prime regulator of red cell differentiation. Sytkowski AJ. **Biomed Pharmacother** 1984;38(8):369-71

Human spleen cell generation of factors stimulating human pluripotent stem cell, erythroid, and myeloid progenitor cell growth. Fabian I, et al. **Blood** 1985 Apr;65(4):990-6

Shape change of human erythrocytes induced by phosphatidylcholine and lysophosphatidylcholine species with various acyl chain lengths. Fujii T, et al. **Cell Biochem Funct** 1984 Jul;2(3):171-6

Reactivity of lectin from Xenopus laevis eggs towards tumor cells and human erythrocytes. Nitta K, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2325-32

Studies on the 'labile-bound' glucose compartment in erythrocytes: studies on Psammomys obesus (sand rat) and preliminary studies on human erythrocytes. Halperin M, et al. **Clin Chem** 1985 Jul;31(7):1219-21

Two-dimensional impedance studies of BSA buoyant density separated human erythrocytes. Leif RC, et al. **Cytometry** 1985 Jan;6(1):13-21

Red cell 2,3-DPG, ATP, and mean cell volume in highly trained athletes. Effect of long-term submaximal exercise. Brodthagen UA, et al. **Eur J Applied Physiol** 1985;53(4):334-8

Production of colony-stimulating factor(s) for granulocyte-macrophage and multipotential (granulocyte/erythroid/megakaryocyte/macrophage) hematopoietic progenitor cells (CFU-GEMM) by clonal lines of human IL-2-dependent T-lymphocytes. Greenberger JS, et al. **Exp Hematol** 1984 Oct;12(9):720-7

K562 cell erythroid differentiation: requirement for a factor in fetal bovine serum. Hicks DG, et al. **Exp Hematol** 1985 May;13(4):273-80

Effect of aminoglutethimide on murine fetal hepatic erythroid colony formation. Leung P, et al. **Experientia** 1985 Apr 15;41(4):498-500

Modulations of glycerophosphorylcholine and phosphorylcholine in Friend erythroleukemia cells upon in vitro-induced erythroid differentiation: a 31P NMR study. Carpinelli G, et al. **FEBS Lett** 1984 Oct 15;176(1):88-92

Sterile, medium scale age fractionation of human red blood cells. Lombarts AJ, et al. **Haematologia (Budap)** 1984;17(4):419-25

Enhancement of erythroid progenitor cell growth in medium conditioned by a human cancer cell line, KONT. Niho Y, et al. **Int J Cell Cloning** 1985 Jan;3(1):22-32

Binding and cytotoxicity of Ricinus communis lectins to HeLa cells, Sarcoma 180 ascites tumor cells and erythrocytes. Oda T, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):377-84

In vivo recognition and clearance of red blood cells containing phosphatidylserine in their plasma membranes. Schroit AJ, et al. **J Biol Chem** 1985 Apr 25;260(8):5131-8

Improved diabetic control enhances erythroid stem cell proliferation in vitro. Ritchey AK, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1257-60

Effect of estradiol and steroid analogues on the clearance of immunoglobulin G-coated erythrocytes. Friedman D, et al. **J Clin Invest** 1985 Jan;75(1):162-7

Direct demonstration of the human parvovirus in erythroid progenitor cells infected in vitro. Young N, et al. **J Clin Invest** 1984 Dec;74(6):2024-32

Shape and elasticity effects on erythrocyte electrostatic repulsion. Papadopoulos KD, et al. **J Theor Biol** 1985 Apr 7;113(3):545-57

Changes of cell shape and surface charge topography in ATP-depleted human red blood cells. Marikovsky Y, et al. **Mech Ageing Dev** 1985 Mar;29(3):309-16

Increase of size and dry mass of mouse erythrocytes depending on age of donors. Myśliwski A, et al. **Mech Ageing Dev** 1985 Feb;29(2):107-10

Nonuniform red cell distribution in 20 to 100 micrometers bifurcations. Fenton BM, et al. **Microvasc Res** 1985 Jan;29(1):103-26

Quantitative red cell morphology. Bacus JW. **Monogr Clin Cytol** 1984;9:1-27

Viability of megakaryocytic and erythroid progenitors after cryopreservation in comparison with myeloid progenitors and multipotent stem cells. Nomura T, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):919-25

Regulatory factors of erythrocyte expansibility observed in hypotonic stress. Tatsumi N, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):878-87

Mammalian reticulocytes lose adhesion to fibronectin during maturation to erythrocytes. Patel VP, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):440-4

Red cell population distributions in healthy dogs. Bell GM, et al. **Res Vet Sci** 1985 Mar;38(2):220-5

Colorimetry for the stain technologist. III. The specification of color difference. Marshall PN, et al. **Stain Technol** 1984 Nov;59(6):343-52

Studies on the mechanism of human red cell loss of viability during storage at +4 degrees C in vitro. I. Cell shape and total adenylate concentration as determinant factors for posttransfusion survival. Högman CF, et al. **Vox Sang** 1985;48(5):257-68

[Age-related characteristics of hemoglobin and erythrocytes in 7- to 17-year-old pupils] Petrova M. **Probl Khig** 1984;9:135-9 (Eng. Abstr.) **(Bul)**

[Separation of erythroid cells] Höhne M. **Z Med Lab Diagn** 1984;25(7):386-91 **(Ger)**

[Interpretation of the mechanism of changes in electrophoretic motility after exposure to physical fields in a solid liquid mosaic model of the erythrocyte] Sigal VL, et al. **Biofizika** 1984 Nov-Dec;29(6):974-6 (Eng. Abstr.) **(Rus)**

[DNA synthesis and content and the accumulation of total protein and hemoglobin during the differentiation of primary erythroid cells in chickens] Karalova EM, et al. **Tsitologiia** 1985 Jun;27(6):663-9 (Eng. Abstr.) **(Rus)**

[Differentiation pathways of primary erythroid cells in chickens] Karalova EM, et al. **Tsitologiia** 1985 Jun;27(6):656-62 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Insulin degradation in human erythrocyte: effects of cations. Bellomo G, et al. **Acta Diabetol Lat** 1985 Jan-Mar;22(1):63-9

In vitro and in vivo demonstration of the cytoprotective effect of (+)-cyanidanol-3. Altorjay I, et al. **Acta Physiol Hung** 1984;64(3-4):471-4

Suppressive effect of acetylsalicylic acid on erythropoietin-responsive cells in mice. Giglio MJ, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(3):229-34

Fructose diphosphate and mean erythrocytic survival after extracorporeal circulation. Candiani A, et al. **Agressologie** 1984 Oct;25(9):1019-22

Perfluorocarbon compounds: effects on the rheological properties of sickle erythrocytes in vitro. Reindorf CA, et al. **Am J Hematol** 1985 Jul;19(3):229-36

Involvement of oxidative damage in erythrocyte lysis induced by amphotericin B. Brajtburg J, et al. **Antimicrob Agents Chemother** 1985 Feb;27(2):172-6

Protective effect of coenzyme Q10 on erythrolysis induced by octoxinol or hypotonic salines. Sugiyama S, et al. **Arzneimittelforsch** 1985;35(1):26-7

On the interaction of cobra venom protein cardiotoxins with erythrocytes. Zusman N, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):629-36

Metabolic and morphologic effects of the antimicrobial agent nitrofurantoin on human erythrocytes in vitro. Dershwitz M, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):1963-70

Red blood cell oxidative metabolism induced by hydroxypyruvaldehyde. Thornalley PJ, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1157-64

Furosemide-sensitive Na+-K+ cotransport and cellular metabolism in human erythrocytes. Adragna NC, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):293-6

Effects of benzyl alcohol on erythrocyte shape, membrane hemileaflet fluidity and membrane viscoelasticity. Chabanel A, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):142-52

Spectroscopic characterization of vesicle formation on heated human erythrocytes and the influence of the antiviral agent amantadine. Herrmann A, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):277-85

Intracellular gas supersaturation tolerances of erythrocytes and resealed ghosts. Hemmingsen BB, et al. **Biophys J** 1985 Apr;47(4):491-6

The flow behavior of lysolecithin-induced echinocytes. Rogausch H. **Biorheology** 1984;21(6):757-65

Loop diuretics may fail to inhibit (Na+, K+, Cl-) 'cotransport' in human red cells. Chipperfield AR. **Biosci Rep** 1985 Apr;5(4):299-302

Near-normal circulatory survival of rabbit red cells exposed to high levels of Ca and ionophore in vitro. Bookchin RM, et al. **Blood** 1985 Jul;66(1):220-3

Characterization of erythrocyte quality during the refrigerated storage of whole blood containing di-(2-ethylhexyl) phthalate. Estep TN, et al. **Blood** 1984 Dec;64(6):1270-6

Altered response of stored red cells to Ca2+ stress. Lorand L, et al. **Blood** 1985 Apr;65(4):1025-7

Androgenic steroid effects on liver and red cells. Alén M. **Br J Sports Med** 1985 Mar;19(1):15-20

Effects of the antitumor drug Adriamycin on human red blood cell discocyte-echinocyte transitions. Chahwala SB, et al. **Cancer Res** 1985 Oct;45(10):4986-9

Effect of trifluoperazine, compound 48/80, TMB-8 and verapamil on ionophore A23187 mediated calcium uptake in ATP depleted human red cells. Foder B, et al. **Cell Calcium** 1984 Oct;5(5):441-50

Effect of trifluoperazine, compound 48/80, TMB-8 and verapamil on ionophore A23187 induced calcium transients in human red cells. Skibsted U, et al. **Cell Calcium** 1984 Oct;5(5):451-62

Peripheral blood in the Japanese quail (Coturnix coturnix japonica) in acute poisoning by different insecticides. Gromysz-Kałkowska K, et al. **Comp Biochem Physiol [C]** 1985;81(1):209-12

The zoapatle. IX. In vitro effect of Montanoa tomentosa and Montanoa frutescens upon human sperm and red cells. Wens A, et al. **Contraception** 1985 May;31(5):523-32

Identification of the acidic compartment of Plasmodium falciparum-infected human erythrocytes as the target of the antimalarial drug chloroquine. Yayon A, et al. **EMBO J** 1984 Nov;3(11):2695–700

Erythrocytic and leukocytic responses to cadmium poisoning in a freshwater fish, Puntius conchonius Ham. Gill TS, et al. **Environ Res** 1985 Apr;36(2):327–37

CDP-choline does not inhibit erythrocyte glycolytic or pentose phosphate pathway enzyme activity. Lachant NA, et al. **Enzyme** 1984;32(4):228–31

Anti-LPS factor in the horseshoe crab, Tachypleus tridentatus. Its hemolytic activity on the red blood cell sensitized with lipopolysaccharide. Ohashi K, et al. **FEBS Lett** 1984 Oct 15;176(1):207–10

Effects of mercury on acetylcholinesterase (E.C. 3.1.1.7.) activity of erythrocytes and bone marrow in rats. Miszta H. **Folia Haematol (Leipz)** 1984;111(5):632–7

Mercury and the activity of erythrocyte and bone marrow glutathione reductase (E.C. 1.6.4.2.) and glucose-6-phosphate dehydrogenase (E.C. 1.1.1.49) in rats. Miszta H. **Folia Haematol (Leipz)** 1984;111(5):638–44

Reactions of infectious mononucleosis sera with glutaraldehyde-treated human erythrocytes. Wasik M, et al. **Immunol Commun** 1984;13(5):439–45

Mechanism of polymyxin B-mediated lysis of lipopolysaccharide-treated erythrocytes. Carr C Jr, et al. **Infect Immun** 1985 Jul;49(1):84–9

Methylene blue-mediated hexose monophosphate shunt stimulation in human red blood cells in vitro: independence from intracellular oxidative injury. Baird JK. **Int J Biochem** 1984;16(10):1053–8

The relationship between valinomycin-induced alterations in membrane phospholipid fatty acid turnover, membrane potential, and cell volume in the human erythrocyte. Dise CA, et al. **J Biol Chem** 1985 Mar 10;260(5):2869–74

Effects of ketanserin on platelet function and red cell filterability in hypertension and peripheral vascular disease. Zannad F, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S32–4

5-Azacytidine acts directly on both erythroid precursors and progenitors to increase production of fetal hemoglobin. Humphries RK, et al. **J Clin Invest** 1985 Feb;75(2):547–57

Calorimetric studies of oxyhemoglobin dissociation. II. Erythrocytic oxygen depletion by sodium dithionite. Forlani L, et al. **J Inorg Biochem** 1985 Feb;23(2):109–17

Influence of pH on the rheologic and antisickling effects of dimethyl adipimidate. Pennathur-Das R, et al. **J Lab Clin Med** 1984 Nov;104(5):718–29

Lysis of platelets and erythrocytes by the incorporation of a unique oxygenated sterol: 22R-hydroxycholesterol. Saito Y, et al. **J Membr Biol** 1985;83(1–2):187–91

The effect of lithium on choline transport in human erythrocytes. Uney JB, et al. **J Neurol Neurosurg Psychiatry** 1985 Mar;48(3):229–33

The effect of copper on intact cattle erythrocytes. Asano R, et al. **J Vet Pharmacol Ther** 1985 Jun;8(2):157–64

Inhibition of erythrocyte sickling by thiol reagents. Garel MC, et al. **Mol Pharmacol** 1984 Nov;26(3):559–65

The effect of diphenylhydantoin on the frequency of micronuclei in bone-marrow polychromatic erythrocytes of mice. Montes de Oca-Luna R, et al. **Mutat Res** 1984 Nov–Dec;141(3–4):183–7

The effects of pyruvate on glycolysis in stored human red cells. Nishiguchi E, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1219–29

Red blood cells indices and aluminium toxicity in haemodialysis patients. Tielemans C, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:395–8

Observations on the cytolytic activity of lactoperoxidase using a continuous assay. McFaul SJ, et al. **Proc Soc Exp Biol Med** 1985 Jul;179(3):331–7

The effects of di- and trichloroacetic acid on sheep erythrocytes: an animal model with a glucose-6-phosphate dehydrogenase deficiency. Calabrese EJ, et al. **Regul Toxicol Pharmacol** 1984 Sep;4(3):261–4

An apparent acceleration of age-related changes of rat red blood cells by cadmium. Kunimoto M, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):451–7

In vivo effect of nitrogen dioxide on the activities of glycolytic enzymes in red blood cells of rats. Mochitate K, et al. **Toxicol Lett** 1984 Sep;22(3):315–21

Stabilization of red blood cells by the plasticizer, diethylhexylphthalate. Horowitz B, et al. **Vox Sang** 1985;48(3):150–5

Effect of extracellular alkali metal salts on the electric parameters of human erythrocytes in normal and pathological conditions (homozygous beta-thalassemia). Ballario C, et al. **Z Naturforsch [C]** 1984 Nov–Dec;39(11–12):1163–9

[Effect of beta-adrenergic mimetics and histamine on the capacity of T-lymphocytes from asthmatic patients and healthy persons to form E-rosettes] Kosturkov G, et al. **Vutr Boles** 1984;23(5):86–91 (Eng. Abstr.) **(Bul)**

[Effects of subanesthetic concentrations of halothane on the adenyl system of erythrocytes] Popova S, et al. **Cah Anesthesiol** 1984 Jan–Feb;32(1):55–6 **(Fre)**

[Glipizide treatment does not change erythrocyte insulin receptors in non-insulin-dependent diabetics] Canivet B, et al. **Therapie** 1985 Mar–Apr;40(2):93–7 (Eng. Abstr.) **(Fre)**

[The plasma protein film on rat erythrocytes after application of methylcholanthrene] Linke A, et al. **Folia Haematol (Leipz)** 1985;112(2):319–25 (Eng. Abstr.) **(Ger)**

[Hemorheologic effects of ioxaglate: a contribution to an interpretation of the effect of hyperosmolar roentgen contrast media on the fluidity of erythrocytes] Schmid-Schönbein H, et al. **Radiologe** 1984 Oct;24(10):478–87 (Eng. Abstr.) **(Ger)**

[Changes in erythrocyte P50 and its effect on O2 transport in intravenous tocolysis with fenoterol (Partusisten)] Karl C, et al. **Z Geburtshilfe Perinatol** 1985 Mar–Apr;189(2):56–64 (Eng. Abstr.) **(Ger)**

[Effect of multi-component injections on selected indicators of the blood of experimental animals. II] Krasowska M. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:227–32 (Eng. Abstr.) **(Pol)**

[Effect of multi-component injections on selected indicators of the blood of experimental animals. I] Krasowska M. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:203–8 (Eng. Abstr.) **(Pol)**

[2 functions of proteoglycans in erythrocyte aggregation and adhesion] Bychkov SM, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):410–3 (Eng. Abstr.) **(Rus)**

[Changes in the level of insulin-containing erythrocytes in the blood of animals and man under the influence of ethanol] Kuznetsov SA, et al. **Biull Eksp Biol Med** 1985 May;99(5):585–6 (Eng. Abstr.) **(Rus)**

[Interaction of negatively charged lecithin liposomes with human erythrocytes: a transmission electron microscopy study of ultrathin sections] Belitser NV, et al. **Dokl Akad Nauk SSSR** 1984 Jul–Aug;277(1):210–3 **(Rus)**

[Mechanism of the cytotoxic action of the natural zeolite clinoptilolite] Korkina LG, et al. **Farmakol Toksikol** 1984 Sep–Oct;47(5):63–7 (Eng. Abstr.) **(Rus)**

[Methemoglobin formation in the erythrocytes of mice as affected by primaquine metabolites and the protective action of antioxidants] Sokhanenkova TL, et al. **Med Parazitol (Mosk)** 1984 Jul–Aug;(4):22–4 (Eng. Abstr.) **(Rus)**

[Interaction of erythrocytes with aminoalkylagarose] Poltorak AN, et al. **Prikl Biokhim Mikrobiol** 1984 Sep–Oct;20(5):688–93 (Eng. Abstr.) **(Rus)**

[Treatment of peptic ulcer of the gastroduodenal area with the antioxidant dibunol and the change in antioxidant activity of erythrocyte lipids in patients during treatment] Korochkin IM, et al. **Ter Arkh** 1984;56(12):88–90 (Eng. Abstr.) **(Rus)**

[Thymus-dependent suppression of erythroid colony formation induced by concanavalin A in the cloning of pluripotent hematopoietic stem cells of the spleen] Popov BV, et al. **Tsitologiia** 1985 Jun;27(6):698–702 (Eng. Abstr.) **(Rus)**

[Effect of metabolic inhibitors on formed novocaine and neutral red segregation zones in frog erythrocytes] Veselkina MN, et al. **Tsitologiia** 1985 Apr;27(4):433–9 (Eng. Abstr.) **(Rus)**

[Cytophotometric study of the granules formed in frog erythrocytes incubated in solutions of acridine orange, chloroquine and daunorubicin] Veselkina MN, et al. **Tsitologiia** 1984 Nov;26(11):1267–72 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Increased monoester lipase activity in red blood cells in late pregnancy [letter] Somma-Delpero C, et al. **Acta Haematol (Basel)** 1985;73(2):120–1

The effect of reduced dietary protein level on the activity of transketolase and glutathione reductase in pig erythrocytes. Młodkowski M, et al. **Acta Physiol Pol** 1983 Sep–Dec;34(5–6):511–8

Heterogeneity of human erythrocyte transketolase: a preliminary report. Greenwood J, et al. **Alcohol Alcohol** 1984;19(2):123–9

Erythrocyte aldehyde dehydrogenase activity in alcoholism. Lin CC, et al. **Alcoholism (NY)** 1984 Nov–Dec;8(6):539–41

Selenium repletion and glutathione peroxidase––differential effects on plasma and red blood cell enzyme activity. Cohen HJ, et al. **Am J Clin Nutr** 1985 Apr;41(4):735–47

Effect of zinc supplementation on copper status in adult man. Fischer PW, et al. **Am J Clin Nutr** 1984 Oct;40(4):743–6

Molecular aspects of erythroenzymopathies associated with hereditary hemolytic anemia. Miwa S, et al. **Am J Hematol** 1985 Jul;19(3):293–305 (108 ref.)

Frequency of erythrocyte pyruvate kinase deficiency in Chinese infants. Wu ZL, et al. **Am J Hematol** 1985 Oct;20(2):139–44

Identification of human red cell glutamate-pyruvate transaminase (GPT) phenotypes by isoelectric focusing. Pelzer CF, et al. **Am J Hum Genet** 1985 Jan;37(1):147–52

Erythrocyte catechol-O-methyltransferase activity: genetic analysis in nuclear families with one child affected by Down syndrome. Brahe C, et al. **Am J Med Genet** 1985 Jun;21(2):373–84

Nicotinamide-adenine dinucleotide-methemoglobin reductase activity in erythrocytes from cats. Baker DC, et al. **Am J Vet Res** 1985 Jun;46(6):1354–5

Storage stability of some bovine plasma enzymes. Blincoe C, et al. **Am J Vet Res** 1985 Jun;46(6):1242–4

Thermochemiluminescent assay of porcine, rat, and human erythrocytes for antioxidative deficiencies. Kiel JL, et al. **Anal Biochem** 1984 Dec;143(2):231–6

Gamma-glutamylcysteine synthetase from erythrocytes. Seelig GF, et al. **Anal Biochem** 1984 Sep;141(2):510–4

A spectrophotometric assay of phosphoribosyl pyrophosphate synthetase. Braven J, et al. **Ann Clin Biochem** 1984 Sep;21 (Pt 5):366–71

Changes in erythrocyte transketolase activity and the thiamine pyrophosphate effect during storage of blood. Puxty JA, et al. **Ann Clin Biochem** 1985 Jul;22 (Pt 4):423–7

Hemolytic anemias and erythrocyte enzymopathies. Valentine WN, et al. **Ann Intern Med** 1985 Aug;103(2):245–57 (87 ref.)

Some erythrocyte polymorphisms in Bari and its district (South Italy). Rickards O, et al. **Anthropol Anz** 1984 Dec;42(4):299–306

Impairment of the calcium pump of human erythrocytes by divicine. Benatti U, et al. **Arch Biochem Biophys** 1985 Jun;239(2):334–41

Purification and properties of aldose reductase and aldehyde reductase II from human erythrocyte. Das B, et al. **Arch Biochem Biophys** 1985 May 1;238(2):670–9

Regulatory properties of human erythrocyte hexokinase during cell ageing. Fornaini G, et al. **Arch Biochem Biophys** 1985 Jun;239(2):352–8

Phospholipid and detergent effects on (Ca2+ + Mg2+)ATPase purified from human erythrocytes. Nelson DR, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):720–30

The reversible activation by Mn2+ ions of the Ca2+-requiring neutral proteinase of human erythrocytes. Pontremoli S, et al. **Arch Biochem Biophys** 1985 Jun;239(2):517–22

A comparative study on the NAD glycohydrolase of the maternal and neonatal erythrocytes. Suh BH, et al. **Asia Oceania J Obstet Gynaecol** 1985 Jun;11(2):169–76

Histochemical localization of acetylcholinesterase in blood cells. Falugi C. **Basic Appl Histochem** 1985;29(2):105–13

The effect of erythrocytes and hemoglobin on sister chromatid exchange induction in cultured human lymphocytes exposed to aniline HC1. Wilmer JL, et al. **Basic Life Sci** 1984;29 Pt B:561–7

Entrapment of normal and mutant glucose 6-phosphate dehydrogenase (G6PD) within G6PD deficient erythrocytes. De Flora A, et al. **Bibl Haematol** 1985;(51):50–6

G6PD encapsulation and metabolic properties of loaded erythrocytes. Fiorelli G, et al. **Bibl Haematol** 1985;(51):57–64

Purification and characterization of a new form of glutathione S-transferase from human erythrocytes. Awasthi YC, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):1053–60

Acylpeptide hydrolase activity from erythrocytes. Jones WM, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):933–40

Relationship between the rate of erythrocyte hexose monophosphate pathway and the glucose 6-phosphate concentration. Magnani M, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):14–7

Reduced substrate affinity for human erythrocyte uroporphyrinogen decarboxylase constitutes the inherent biochemical defect in porphyria cutanea tarda. Mukerji SK, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):517–25

Characterization of human red blood cell tyrosine kinase. Phan-Dinh-Tuy F, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):304–12

Role of phospholipids in the activation of the Ca2+-dependent neutral proteinase of human erythrocytes. Pontremoli S, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):389–95

On the nature of L-xylulose reductase deficiency in essential pentosuria. Lane AB. **Biochem Genet** 1985 Feb;23(1–2):61–72

The effect of cardiotoxin on (Ca2+ + Mg2+)-ATPase of the erythrocyte and sarcoplasmic reticulum. Fourie AM, et al. **Biochem Int** 1983 May;6(5):581–91

Factors essential for desensitization of pigeon erythrocyte adenylate cyclase responsiveness in a cell-free system. Popov KM, et al. **Biochem Int** 1985 May;10(5):723–31

Half-site reactivity in 6-phosphogluconate dehydrogenase from human erythrocytes. Dallocchio F, et al. **Biochem J** 1985 Apr 1;227(1):305–10

Antibodies against erythrocyte Ca2+-transport ATPase specifically inhibit the calmodulin-dependent fraction of the enzyme's activity. Gietzen K, et al. **Biochem J** 1985 Jun 1;228(2):479–85

Purification and characterization of chicken erythrocyte ferrochelatase. Hanson JW, et al. **Biochem J** 1984 Sep 15;222(3):695–700

Topoisomerase I is the predominant nuclear protein from avian erythrocytes that can be covalently linked to DNA. Hoepfner RW, et al. **Biochem J** 1985 Mar 15;226(3):873–8

Mechanism of action of 5-aminolaevulinate dehydratase from human erythrocytes. Jordan PM, et al. **Biochem J** 1985 May 1;227(3):1015–20

A rapid purification method for human erythrocyte pyruvate kinase. Kilinç K, et al. **Biochem Med** 1984 Dec;32(3):296–302

Aging and stereospecific reactivation of mouse erythrocyte and brain acetylcholinesterases inhibited by soman. de Jong LP, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):142–5

Stereospecific reactivation of human brain and erythrocyte acetylcholinesterase inhibited by 1,2,2-trimethylpropyl methylphosphonofluoridate (soman). de Jong LP, et al. **Biochim Biophys Acta** 1985 Aug 23;830(3):345–8

Two modes of inhibition of the Ca2+ pump in red cells by Ca2+. Kratje RB, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):365-78
Rabbit platelet calcium ATPase differs from the human erythrocyte (Ca2+ + Mg2+)-ATPase in its response to three purified phospholipases A2, exogenous phospholipids and calmodulin. Mostafa MH, et al. **Biochim Biophys Acta** 1984 Oct 3;776(2):259-66
Partial purification and characterization of a novel Mg2+-dependent ATPase present in the cytosol from human erythrocytes. Mostafa MH, et al. **Biochim Biophys Acta** 1984 Dec 20;802(3):490-500
The incorporation of a purified, membrane-bound form of guanylate cyclase into phospholipid vesicles and erythrocytes. Radany EW, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):695-701
The inhibitor peptide of the mitochondrial F1.F0-ATPase interacts with calmodulin and stimulates the calmodulin-dependent Ca2+-ATPase of erythrocytes. Schwerzmann K, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):63-7
Cholinephosphotransferase and ethanolaminephosphotransferase activities in Plasmodium knowlesi-infected erythrocytes. Their use as parasite-specific markers. Vial HJ, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):372-83
Sensitivity and reversibility of Ca-dependent inhibition of the (Na+ + K+)-ATPase of human red blood cells. Yingst DR, et al. **Biochim Biophys Acta** 1985 Mar 14; 813(2):282-6
Kinetics of the inhibition by naphtholsulfonate compounds of AMP deaminase from chicken erythrocytes. Yoshino M, et al. **Biochim Biophys Acta** 1984 Dec 21;791(3):364-9
Ontogenetic changes in protein dephosphorylating activity of the cytosolic compartment of rat erythrocytes. Japundžić I, et al. **Biochimie** 1984 Jun;66(6):497-504
Human erythrocyte phosphoglucomutase: comparison of the kinetic properties of PGM1 and PGM2 isoenzymes. Ninfali P, et al. **Biochimie** 1984 Sep-Oct;66(9-10):617-23
Incidence of variants of human red cell NADH diaphorase in Japanese newborns and coordinate developmental changes of its activity with fetal hemoglobin and F cells. Shimizu K, et al. **Biol Neonate** 1984;46(6):261-6
Cholinesterase activity in plasma, erythrocytes, and cerebrospinal fluid of patients with dementia of the Alzheimer type. Marquis JK, et al. **Biol Psychiatry** 1985 Jun;20(6):605-10
The red cell glutathione reductase in trisomy of the chromosome 8. Jabłońska-Skwiecińska E, et al. **Biomed Biochim Acta** 1984;43(6):S101-2
Spectrophotometric assay of bisphosphoglycerate mutase: a reexamination of Rapoport-Luebering's method. Pineda M, et al. **Biomed Biochim Acta** 1984;43(7):919-27
Favism: disordered erythrocyte calcium homeostasis. De Flora A, et al. **Blood** 1985 Aug;66(2):294-7
Glycolate kinase activity in human red cells. Fujii S, et al. **Blood** 1985 Feb;65(2):480-3
Pattern of pyruvate kinase isozymes in erythroleukemia cell lines and in normal human erythroblasts. Max-Audit I, et al. **Blood** 1984 Oct;64(4):930-6
A sensitive cytochemical staining method for glucose-6-phosphate dehydrogenase activity in individual erythrocytes. II. Further improvements of the staining procedure and some observations with glucose-6-phosphate dehydrogenase deficiency. Van Noorden CJ, et al. **Br J Haematol** 1985 May;60(1):57-63
Deficiency of erythrocyte superoxide dismutase and catalase activities in patients with malignant lymphoma and acute myeloid leukemia. Saito T, et al. **Cancer Lett** 1984 Sep; 24(2):141-6
Red cell enzymopathies: molecular mechanisms. Dreyfus JC, et al. **Clin Biochem** 1984 Dec;17(6):331-40 (86 ref.)
Human erythrocyte carbonic anhydrase I concentrations in dried blood spots from normal and hypothyroid neonates and children. Shepherd JN, et al. **Clin Biochem** 1985 Feb; 18(1):62-6
Erythrocyte porphobilinogen synthase activity as an indicator of lead exposure in children. Chisolm JJ Jr, et al. **Clin Chem** 1985 Apr;31(4):601-5
Poor correlation between erythrocytic 5-aminolevulinic acid dehydratase activity and blood lead concentration in a group of eleven-year-old children [letter] Hurst PL, et al. **Clin Chem** 1985 Jul;31(7):1244-5
A simple assay for amylo-1,6-glucosidase to detect heterozygotes for glycogenosis type III in erythrocytes [letter] Shin YS, et al. **Clin Chem** 1984 Oct;30(10):1717-8
Rapid purification of human erythrocyte phosphofructokinase. Karadsheh NS, et al. **Clin Chim Acta** 1984 Oct 29;143(1):51-5
Glucose-6 phosphate dehydrogenase deficiency: an easy and sensitive quantitative assay for the detection of female heterozygotes in red blood cells. Solem E. **Clin Chim Acta** 1984 Sep 29;142(2):153-60
A new direct radioassay for the determination of true erythrocyte hexokinase activity. Stocchi V, et al. **Clin Chim Acta** 1984 Nov 30;143(3):301-7
Human erythrocyte histamine N-methyltransferase: radiochemical microassay and biochemical properties. Van Loon JA, et al. **Clin Chim Acta** 1985 Jul 15;149(2-3):237-51
Comparison of antioxidant red blood cell enzymes in premature and full-term neonates. Varga SJ, et al. **Clin Chim Acta** 1985 Apr 30;147(3):191-5
The effect of experimental anaemia on red cell glutathione reductase. Suzuki T, et al. **Comp Biochem Physiol [A]** 1984; 79(3):473-8
Purification, catalytic and regulatory properties of Rana ridibunda erythrocyte pyruvate kinase. Kaloyianni-Dimitriades MG, et al. **Comp Biochem Physiol [B]** 1984;79(2):245-50
Plasmalogenase activity in normal and dystrophic chicken erythrocytes. Kester M, et al. **Comp Biochem Physiol [B]** 1984;79(1):51-4
Phytase activity in chicken erythrocytes and its control by organic phosphates (glycerate-2,3-P2 and inositol-P5) during avian development. Martin M, et al. **Comp Biochem Physiol [B]** 1985;80(3):557-61
Erythrocyte acid phosphatase: species specificity in activity modulation by purine analogs. Naidu JM, et al. **Comp Biochem Physiol [B]** 1985;81(3):615-9
Thermostability characteristics of glucosephosphate and triosephosphate isomerase in erythrocytes from several species. Naidu JM, et al. **Comp Biochem Physiol [B]** 1984; 79(2):211-7
Esterase-13 of the rat (Rattus norvegicus) and its homology with esterase-3 of the house mouse (Mus musculus). Scholze M, et al. **Comp Biochem Physiol [B]** 1984; 78(3):713-8
Red cell metabolism: a comparative study of some mammalian species. Suzuki T, et al. **Comp Biochem Physiol [B]** 1984;79(4):515-20
Mutual inhibitory effect of calpastatins on calpains from carp muscle, carp erythrocytes and rat liver. Toyohara H, et al. **Comp Biochem Physiol [B]** 1985;81(3):579-81
Detection and some properties of calpain II (high-Ca2+-requiring form of calpain) in carp (Cyprinus carpio) erythrocytes. Toyohara H, et al. **Comp Biochem Physiol [B]** 1985;81(3):583-6
The effect of paraquat on the peroxide metabolism enzymes in erythrocytes of freshwater fish species. Gabryelak T, et al. **Comp Biochem Physiol [C]** 1985;81(2):415-8
Acetylcholinesterase molecular forms in serum and erythrocytes of laboratory animals. Skau KA. **Comp Biochem Physiol [C]** 1985;80(1):207-10
Canine retinal superoxide dismutase: identity with the erythrocyte enzyme. Harlan EW, et al. **Curr Eye Res** 1984 Dec;3(12):1455-9
The effect of in vivo glucose administration on human erythrocyte Ca2+-ATPase activity and on enzyme responsiveness in vitro to thyroid hormone and calmodulin. Davis FB, et al. **Diabetes** 1985 Jul;34(7):639-46
The relation between erythrocyte acid phosphatase and gestational length: present status. Bottini E. **Early Hum Dev** 1985 Jan;10(3-4):309-12
Chromatographic resolution and characterization of different casein phosphatase activities from the cytosolic compartment of rat erythrocytes. Japundžić I, et al. **Enzyme** 1984;32(2):89-94
Red cell pyruvate kinase in acute leukemia. Labar B, et al. **Enzyme** 1984;32(3):178-83
Mathematical modelling of metabolic pathways affected by an enzyme deficiency. A mathematical model of glycolysis in normal and pyruvate-kinase-deficient red blood cells. Holzhütter HG, et al. **Eur J Biochem** 1985 May 15; 149(1):101-11
An erythrocyte transketolase isoenzyme pattern associated with the Wernicke-Korsakoff syndrome. Nixon PF, et al. **Eur J Clin Invest** 1984 Aug;14(4):278-81
Ca2+, Mg2+-dependent endonuclease activity in different subpopulations of spleen cells from normal and erythroleukemic mice. McMahon G, et al. **Exp Cell Res** 1985 Apr;157(2):462-74
Direct observation of the NAD glycohydrolase reaction in human erythrocytes using NMR spectroscopy. Kuchel PW, et al. **Experientia** 1985 Jan 15;41(1):53-5
Primary structure of porcine Cu,Zn superoxide dismutase. Schininà ME, et al. **FEBS Lett** 1985 Jul 8;186(2):267-70
The use of isoelectric focusing (IEF) as a method for the combined phenotyping of erythrocyte acid phosphatase (EAP) and esterase D (EsD). Finney ST, et al. **Forensic Sci Int** 1985 Apr;27(4):237-45
Evidence of a 'new' allele of red cell and phosphatase AcPk. Turowska B. **Forensic Sci Int** 1984 Nov;26(3):163-7
Polymorphism of lactate dehydrogenase B subunit in rat erythrocytes. Stolc V. **Genet Res** 1985 Feb;45(1):101-6
Molecular and cellular regulation of pyruvate kinase in red blood cells. Jacobasch G, et al. **Haematologia (Budap)** 1984; 17(2):259-66
Erythrocyte Na+-ATPase in obese patients. Pasquali R, et al. **Horm Metab Res** 1984 Jun;16(6):279-81
Origin of human triosephosphate isomerase isozymes: further evidence for the single structural locus hypothesis with Japanese variants. Asakawa J, et al. **Hum Genet** 1985; 71(1):22-6
Three new red cell acid phosphatase variants [letter] Nelson MS, et al. **Hum Genet** 1985;70(2):190
Three new phenotypes of human red cell acid phosphatase: ACP1FA, ACP1GA, and ACP1GB. Nelson MS, et al. **Hum Genet** 1984;67(4):369-71
Study of human red cell NADH diaphorase (Dia1) in the Italian population. Beretta M, et al. **Hum Hered** 1985; 35(1):7-10
Polymorphism of red cell glyoxalase I in Serbia, Yugoslavia. Kalimanovska V, et al. **Hum Hered** 1985;35(2):120-2
Red cell enzyme types in rheumatic diseases. Krylov MYu, et al. **Hum Hered** 1985;35(2):107-10
Phosphoglucomutase (PGM1) subtypes in a Finnish population determined by isoelectric focusing in agarose gel. Lukka M, et al. **Hum Hered** 1985;35(2):95-100
Polymorphism of red cell S-formylglutathione hydrolase in a Finnish population. Uotila L. **Hum Hered** 1984; 34(5):273-7
Population and mother-child study of esterase D in Sweden. Wettering G. **Hum Hered** 1985;35(3):190-2
Biochemical ariboflavinosis among Nigerian rural school children. Ajayi OA. **Hum Nutr Clin Nutr** 1984 Sep; 38(5):383-9
A simple fluorimetric assay for pyridoxamine phosphate oxidase in erythrocyte haemolysates: effects of riboflavin supplementation and of glucose 6-phosphate dehydrogenase deficiency. Bates CJ, et al. **Hum Nutr Clin Nutr** 1985 Mar;39(2):107-15
Antioxidant defence system of erythrocytes in relation to Agrobacterium tumefaciens lipopolysaccharide administration in mice. Haldar S, et al. **Indian J Exp Biol** 1984 Mar;22(3):123-5
Immunological and enzymatic studies of erythrocytic delta-aminolevulinate dehydratase. Comparison of results obtained in normal and lead-exposed subjects. Boudene C, et al. **Int Arch Occup Environ Health** 1984;55(1):87-96
Erythrocyte pyrimidine 5'-nucleotidase activity in workers exposed to lead, mercury or cadmium. Mohammed-Brahim B, et al. **Int Arch Occup Environ Health** 1985;55(3):247-52
Human red cell porphobilinogen deaminase. A simpler method of purification and some unusual properties. Fumagalli SA, et al. **Int J Biochem** 1985;17(4):485-94
Phosphorylation-dephosphorylation of membrane proteins of human erythrocytes. Moret V. **Ital J Biochem** 1984 Jul-Aug;33(4):233A-237A
Relationships between the H and A-O blood types, phosphohexose isomerase and 6-phosphogluconate dehydrogenase red cell enzyme systems and halothane sensitivity, and economic traits in a superior and an inferior selection line of swiss landrace pigs. Vögeli P, et al. **J Anim Sci** 1984 Dec;59(6):1440-50
Some kinetic characteristics of erythrocyte alanine aminotransferase phenotypes. Kalimanovska V, et al. **J Appl Biochem** 1985 Feb;7(1):64-9
Enzyme immunoassay of calpain I and calpastatin and its application to the analysis of human erythrocyte hemolysate. Takano E, et al. **J Appl Biochem** 1984 Jun; 6(3):117-25
Glutathione S-transferases in diabetes. Chandalia HB, et al. **J Assoc Physicians India** 1984 Nov;32(11):973-4
Amino acid sequences of cytochrome b5 from human, porcine, and bovine erythrocytes and comparison with liver microsomal cytochrome b5. Abe K, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1659-68
Presence of (2'-5')oligoadenylate synthetase in avian erythrocytes. Sokawa J, et al. **J Biochem (Tokyo)** 1984 Jul; 96(1):215-22
Acetylcholinesterase release from mammalian erythrocytes by phosphatidylinositol-specific phospholipase C of Bacillus thuringiensis and characterization of the released enzyme. Taguchi R, et al. **J Biochem (Tokyo)** 1984 Aug; 96(2):437-46
Amino acid sequence of NADH-cytochrome b5 reductase of human erythrocytes. Yubisui T, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):579-82
Phosphorylation of the antiviral precursor 9-(1,3-dihydroxy-2-propoxymethyl)guanine monophosphate by guanylate kinase isozymes. Boehme RE. **J Biol Chem** 1984 Oct 25;259(20):12346-9
Stimulation of the purified erythrocyte Ca2+-ATPase by tryptic fragments of calmodulin. Guerini D, et al. **J Biol Chem** 1984 Dec 25;259(24):15172-7
A novel low-activity form of carbonic anhydrase I in erythrocytes of patients with primary aldosteronism. Evidence for the presence of a mixed disulfide with glutathione. Kondo T, et al. **J Biol Chem** 1984 Dec 25; 259(24):15517-22
A proton nuclear magnetic resonance study of gamma-glutamyl-amino acid cyclotransferase in human erythrocytes. York MJ, et al. **J Biol Chem** 1984 Dec 25; 259(24):15085-8
Application of a new ion exchanger TSK-GEL DEAE-5PW, to the purification of Cu,Zn-superoxide dismutase of bovine erythrocytes. Inouye K, et al. **J Chromatogr** 1985 Jun 26;327:301-11
Measurement of prolidase activity in erythrocytes using isotachophoresis. Mikasa H, et al. **J Chromatogr** 1984 Oct 12;310(2):401-6
Erythrocyte acetylcholinesterase in Hirschsprung's disease [letter] Bamforth FJ, et al. **J Clin Pathol** 1985 Feb; 38(2):237-8
The effect of in vivo ozone exposure to Dorset sheep, an animal model with low levels of erythrocyte glucose-6-phosphate dehydrogenase activity. Moore GS, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):71-4
Simultaneous electrophoretic determination of phosphoglucomutase subtypes, adenosine deaminase, erythrocyte acid phosphatase, and adenylate kinase enzyme phenotypes. Wolson TL, et al. **J Forensic Sci** 1985 Jul; 30(3):904-7
A mild case of dihydropteridine reductase deficiency with residual activity in erythrocytes. Nakabayashi H, et al. **J Inherited Metab Dis** 1984;7(3):135-6

Kinetic properties of erythrocyte phosphofructokinase in patients with type VII glycogenosis from two families—close similarity to liver type phosphofructokinase. Shimizu T, et al. **J Inherited Metab Dis** 1984;7(3):107–11

Erythrocyte acetylcholinesterase activity in patients with congenital heart diseases. Areekul S, et al. **J Med Assoc Thai** 1984 May;67(5):310–2

De novo tandem duplication 9p (p12----p24) with normal GALT activity in red cells. Motegi T, et al. **J Med Genet** 1985 Feb;22(1):64–6

Selenium and glutathione peroxidase in plasma and erythrocytes of Down's syndrome (trisomy 21) patients. Nève J, et al. **J Ment Defic Res** 1984 Dec;28 (Pt 4):261–8

Evaluation of the erythrocyte aspartate aminotransferase activity coefficient as an indicator of the vitamin B–6 status of postpubertal gilts. Russell LE, et al. **J Nutr** 1985 Sep; 115(9):1117–23

Ornithine decarboxylase inhibition and the malaria–infected red cell: a model for polyamine metabolism and growth. Whaun JM, et al. **J Pharmacol Exp Ther** 1985 May; 233(2):507–11

Population genetic study of red cell enzyme phosphoglucose isomerase in India. Papiha SS, et al. **Jinrui Idengaku Zasshi** 1984 Jun;29(2):147–56

Isozymes of human erythrocyte pyrimidine 5'–nucleotidase—chromatographic separation and their properties. Hirono A, et al. **Jpn J Exp Med** 1985 Feb; 55(1):37–44

Hereditary hemolytic anemia with special reference to erythroenzymopathies. Miwa S. **Jpn J Med** 1985 Feb; 24(1):68–72 (24 ref.)

Glucose phosphate dehydrogenase polymorphism and the genetics of linkage group II in the Norway rat (Rattus norvegicus). Kendall PB. **Lab Anim** 1985 Jul;19(3):169–72

Spontaneous reactivation of phosphinylated human erythrocyte acetylcholinesterase and human serum butyrylcholinesterase. Lawson MA, et al. **Life Sci** 1985 May 6;36(18):1715–20

Activity of rat blood cholinesterases following exposure of the animals to increased environmental temperature. Saliński A, et al. **Med Pr** 1984;35(5):323–9

Heterogeneity of the erythrocyte Na–K pump status in human obesity. Pasquali R, et al. **Metabolism** 1985 Sep; 34(9):802–7

Oxidation states of glutathione peroxidase. Ganther HE, et al. **Methods Enzymol** 1984;107:593–602

Assessment of sodium–potassium ATPase activity in human erythrocytes in vitro. Lijnen P, et al. **Methods Find Exp Clin Pharmacol** 1984 Aug;6(8):417–21

Studies of the purine analog associated modulation of human erythrocyte acid phosphatase activity. Wurzinger KH, et al. **Mol Cell Biochem** 1985 Mar;66(2):127–36

Effect of hemodialysis on red blood cell Na+–K+–ATPase activity in terminal renal failure [letter] Zannad F, et al. **Nephron** 1985;40(1):127–8

Age-related red cell enzymes in children with transient erythroblastopenia of childhood and with hemolytic anemia. Beutler E, et al. **Pediatr Res** 1985 Jan;19(1):44–7

Sequential changes in red cell glycolytic enzymes and intermediates and possible control mechanisms in the first two months of postnatal life in lambs. Travis SF, et al. **Pediatr Res** 1985 Mar;19(3):272–7

Red cell glycolytic intermediates and adenosine triphosphate in preterm infants on the first day of life. Travis SF, et al. **Pediatr Res** 1985 Jan;19(1):117–21

Parallel changes in red blood cell and renal Na–K–ATPase activity in adrenal and electrolyte disorders in the rat. Wald H, et al. **Pflugers Arch** 1985 May;404(1):56–60

Increased erythrocyte glutathione peroxidase activity in psoriatics consuming high–selenium drinking water at the Dead-Sea Psoriasis Treatment Center. Shani J, et al. **Pharmacol Res Commun** 1985 May;17(5):479–88

Chemiluminescence from an erythrocyte folic acid oxidase from normal individuals and from cancer patients. Durán N, et al. **Physiol Chem Phys Med NMR** 1984;16(4):325–31

6-Phosphogluconolactonase deficiency, a hereditary erythrocyte enzyme deficiency: possible interaction with glucose–6–phosphate dehydrogenase deficiency. Beutler E, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3876–8

High glucose concentrations partially release hexokinase from inhibition by glucose 6–phosphate. Fujii S, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1552–4

Cloned cDNA for rabbit erythrocyte carbonic anhydrase I: A novel erythrocyte–specific probe to study development in erythroid tissues. Konialis CP, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):663–7

Reversibility of arginine–specific mono(ADP–ribosyl)ation: identification in erythrocytes of an ADP–ribose–L–arginine cleavage enzyme. Moss J, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5603–7

Mammalian brain and erythrocyte carboxyl methyltransferases are similar enzymes that recognize both D–aspartyl and L–isoaspartyl residues in structurally altered protein substrates. O'Connor CM, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7757–61

Isolation of recombinant cDNAs encoding chicken erythroid delta–aminolevulinate synthase. Yamamoto M, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3702–6

Changes in erythrocyte and liver aldehyde dehydrogenase isozymes in alcoholics. Agarwal DP, et al. **Prog Clin Biol Res** 1985;174:113–27

Quantitation of glucose–6–phosphate dehydrogenase in single cells by microspectrophotometry. Ashmun RA, et al. **Prog Clin Biol Res** 1984;165:309–22

Calmodulin–dependent protein kinase from avian erythrocytes. Palfrey HC, et al. **Prog Clin Biol Res** 1984; 165:291–308

Human erythrocyte Ca2+–dependent neutral proteinase. New approaches to the understanding of the physiological function. Pontremoli S, et al. **Prog Clin Biol Res** 1985; 180:127–40

Adenosine deaminase in malaria infected erythrocytes: unique parasite enzyme presents a new therapeutic target. Wiesmann WP, et al. **Prog Clin Biol Res** 1984;165:325–42

Prostaglandin–9–ketoreductase activity in erythrocytes of normal and hypertensive subjects. Leeman M, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):255–66

Erythrocyte pyrimidine–5'–nucleotidase activity as a sensitive indicator of lead exposure. Torrance JD, et al. **S Afr Med J** 1985 May 25;67(21):850–2

Decreased red cell enolase activity in a 40–year–old woman with compensated haemolysis. Boulard–Heitzmann P, et al. **Scand J Haematol** 1984 Nov;33(5):401–4

Coproporphyrinogen oxidase activity and porphyrin concentrations in peripheral red blood cells in hereditary sideroblastic anaemia. Pasanen AV, et al. **Scand J Haematol** 1985 Mar;34(3):235–7

The effects of ethanol and anticonvulsants on erythroid delta–aminolaevulinic acid synthase. Tikerpae J, et al. **Scand J Haematol** 1985 Mar;34(3):223–7

In vitro study on lead and alcohol interaction and the inhibition of erythrocyte delta–aminolevulinic acid dehydratase in man. Prpić–Majić D, et al. **Scand J Work Environ Health** 1984 Aug;10(4):235–8

In vivo study on lead and alcohol interaction and the inhibition of erythrocyte delta–aminolevulinic acid dehydratase in man. Telišman S, et al. **Scand J Work Environ Health** 1984 Aug;10(4):239–44

Reduced number of erythrocyte sodium pump units in essential hypertension. Takayama Y, et al. **Tohoku J Exp Med** 1984 Jul;143(3):383–4

Protective effect of selenium on the inhibition of erythrocyte 5–aminolevulinate dehydratase activity by tin. Chiba M, et al. **Toxicol Lett** 1985 Feb–Mar;24(2–3):235–41

Mechanism of action of divicine in a cell–free system and in glucose–6–phosphate dehydrogenase–deficient red cells. Baker MA, et al. **Toxicol Pathol** 1984;12(4):331–6

Purification and properties of human erythrocyte uroporphyrinogen decarboxylase: immunological demonstration of the enzyme defect in porphyria cutanea tarda. Sassa S, et al. **Trans Assoc Am Physicians** 1983; 96:65–75

Phosphorylation of the beta–adrenergic receptor accompanies catecholamine–induced desensitization of turkey erythrocyte adenylate cyclase. Stadel JM, et al. **Trans Assoc Am Physicians** 1983;96:137–45

The A1B genotype expressed as A2B on the red cells of individuals with strong B gene–specific transferases. Results from two paternity cases. Fredrick J, et al. **Transfusion** 1985 Jan–Feb;25(1):30–3

11p13 deletion and reduced RBC catalase in a patient with aniridia, glaucoma and bilateral Wilms' tumor. Barletta C, et al. **Tumori** 1985 Apr 30;71(2):119–21

Observations on erythrocytic acetylcholinesterase activity in experimentally induced anaplasmosis in calves. Sharma SP, et al. **Vet Parasitol** 1985 Mar;17(3):251–4

The discovery of the red cell acid phosphatase polymorphism. Hopkinson DA. **Vox Sang** 1985;49(1):77–80

Comparison of carbonic anhydrase in neonatal and maternal red blood cells with different levels of acidosis in newborn calves. Szenci O, et al. **Zentralbl Veterinarmed** [A] 1984 Jul;31(6):437–40

[Erythrocyte enzymes in chronic kidney failure] Khlebarova M, et al. **Vutr Boles** 1985;24(1):120–7 (Eng. Abstr.) **(Bul)**

[Breath-holding spell syndrome of functional disorder—a study of serum ferritin and erythrocyte acetylcholinesterase] Hu YM. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Oct; 17(5):287–9 (Eng. Abstr.) **(Chi)**

[Effects of endotoxin on activity of erythrocyte acetylcholinesterase] Xiao DM, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct; 6(5):384–5 (Eng. Abstr.) **(Chi)**

[Polymorphism of bovine erythrocyte purine nucleoside phosphorylase] Queval R, et al. **Rev Elev Med Vet Pays Trop** 1984;37(3):308–12 (Eng. Abstr.) **(Fre)**

[Erythrocytic enzyme groups in paternity studies evaluated according to Genevese appraisals from 1974 to 1983] Fryc O. **Rev Med Suisse Romande** 1984 Nov;104(11):903–6 **(Fre)**

[Erythrohepatic protoporphyria] Doss M. **Internist (Berlin)** 1985 Jul;26(7):411–9 **(Ger)**

[Hereditary erythrocyte pyruvate kinase abnormality: another kindred from Aargau Canton] Marti HR, et al. **Schweiz Med Wochenschr** 1984 Oct 13;114(41):1434–6 (Eng. Abstr.) **(Ger)**

[Immunologic determination of glucose–6–phosphate dehydrogenase concentration of red blood cells of G6PD defect carriers] Schönian G, et al. **Z Med Lab Diagn** 1985; 26(4):213–20 (Eng. Abstr.) **(Ger)**

[Micromethods for the study of hexokinase in human erythrocytes] Stocchi V, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1837–9 (Eng. Abstr.) **(Ita)**

[Erythrocyte hexokinases in differentiated adenocarcinoma] Lungarotti F, et al. **Minerva Chir** 1985 Apr 30;40(8):577–9 (Eng. Abstr.) **(Ita)**

[Red cell carbonic anhydrase (RCA) activity during anesthesia] Kawamura T. **Masui** 1985 Feb;34(2):202–10 (Eng. Abstr.) **(Jpn)**

[Hereditary hemolytic anemia, with special reference to erythroenzymopathies] Miwa S. **Nippon Naika Gakkai Zasshi** 1984 Sep;73(9):1269–84 (61 ref.) **(Jpn)**

[Effect of activators and inhibitors of SH groups on purified phosphofructokinase activity in hemolysates and intact erythrocytes] Torliński L, et al. **Acta Haematol Pol** 1984 Jul–Dec;15(3–4):125–36 (Eng. Abstr.) **(Pol)**

[Erythrocyte enzyme changes in hemophilia A] Barretto OC, et al. **Rev Paul Med** 1985 Jan–Feb;103(1):44–5 (Eng. Abstr.) **(Por)**

[Na K ATPase activity in mammalian erythrocytes] Kazennov AM, et al. **Biokhimiia** 1984 Jul;49(7):1089–95 (Eng. Abstr.) **(Rus)**

[Human erythrocyte prolyl endopeptidase II hydrolysing teprotid, an inhibitor of peptidyl peptidase from snake venom] Alekseenko LP, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):308–11 (Eng. Abstr.) **(Rus)**

[Induction of lipid peroxidation in the erythrocytes during cholesterol oxidation catalysed by cholesterol oxidase] Kagan VE, et al. **Biull Eksp Biol Med** 1985 Aug; 100(8):179–81 (Eng. Abstr.) **(Rus)**

[Proteolytic enzymes hydrolyzing opioid peptides in the cytoplasm of human erythrocytes] Alekseenko LP, et al. **Dokl Akad Nauk SSSR** 1984;277(4):992–5 **(Rus)**

[Action of proteolytic enzymes from the cytosol of human erythrocytes on tuftsin, the peptide activator of phagocytosis] Alekseenko LP, et al. **Dokl Akad Nauk SSSR** 1984 Nov–Dec;279(1):226–9 **(Rus)**

[Insulin–degrading complex of the hemolysate from human erythrocytes] Matuliavichius VA, et al. **Dokl Akad Nauk SSSR** 1984 Nov–Dec;279(1):237–40 **(Rus)**

[Patterns of Gd– allele distribution in Azerbaijan. IV. The incidence and polymorphism of erythrocytic glucose–6–phosphate dehydrogenase deficiency in the settlement of Kobi, Apsheron District] Kransnopol'skaia KD, et al. **Genetika (Moskva)** 1985 Mar;21(3):487–92 (Eng. Abstr.) **(Rus)**

[Interrelation of the level of acid phosphatase activity of erythrocytes and the phenotype of workers in the chemical industry] Rafikov KhS, et al. **Gig Tr Prof Zabol** 1984 Jul; (7):18–22 (Eng. Abstr.) **(Rus)**

[Kinetic micromethod for determining acetylcholinesterase activity in erythrocytes] Vinnitskaia KB, et al. **Lab Delo** 1984;(10):587–8 (Eng. Abstr.) **(Rus)**

[ATPase activity of the novocaine segregation zones isolated from the erythrocytes of the common frog] Bulychev AG, et al. **Tsitologiia** 1985 Feb;27(2):196–202 (Eng. Abstr.) **(Rus)**

[Effect of glycosphingolipids on erythrocyte Na+,K+–ATPase activity] Sotskii OP, et al. **Ukr Biokhim Zh** 1984 Nov–Dec;56(6):642–6 (Eng. Abstr.) **(Rus)**

[Glycolytic enzyme activity and levels of glycolysis metabolites in erythrocytes in physiological pregnancy] D'iakova NG, et al. **Vopr Med Khim** 1985 Mar–Apr; 31(2):17–20 (Eng. Abstr.) **(Rus)**

[Effect of a purine–free diet on the purine phosphoribosyltransferase activity of erythrocytes in patients with Lesch–Nyhan syndrome] Semenova IA, et al. **Vopr Med Khim** 1984 Jul–Aug;30(4):94–7 (Eng. Abstr.) **(Rus)**

[Comparative research on erythrocyte anionic adenosine triphosphatase in vertebrates] Ivashchenko AT, et al. **Zh Evol Biokhim Fiziol** 1985 Mar–Apr;21(2):197–201 (Eng. Abstr.) **(Rus)**

[The effect of cytostatic therapy on pyruvate kinase activity in the erythrocytes of patients with acute myelocytic leukemia] Labar B, et al. **Lijec Vjesn** 1985 Feb;107(2):61–3 (Eng. Abstr.) **(Scr)**

[Catalytic activity of transketolase in erythrocytes in chronic kidney failure] Mydlík M, et al. **Vnitr Lek** 1984 Jul; 30(7):642–8 (Eng. Abstr.) **(Slo)**

[Catalytic activity of aspartate aminotransferase in erythrocytes in chronic kidney failure] Mydlík M, et al. **Vnitr Lek** 1985 Jan;31(1):74–82 (Eng. Abstr.) **(Slo)**

[Hereditary erythroenzymopathies. I. Biochemical and genetic aspects] Vaca G, et al. **Bol Of Sanit Panam** 1984 Sep;97(3):225–39 (Eng. Abstr.) **(Spa)**

[Hereditary erythrocyte enzymopathies. II. Methods and screening procedures] Vaca G, et al. **Bol Of Sanit Panam** 1984 Oct;97(4):336–49 (Eng. Abstr.) **(Spa)**

[Glucose–6–phosphate dehydrogenase in couples with habitual abortion] Guizar Vázquez J, et al. **Ginecol Obstet Mex** 1982 Dec;50(308):325–8 (Eng. Abstr.) **(Spa)**

[Lesch–Nyhan syndrome: a new variant with hypoxanthine–guanine phosphoriboxyl transferase activity higher than the classical disease and detection of the heterozygote trait in the erythrocytes of the carrier] Hernández Nieto L, et al. **Med Clin (Barc)** 1985 Jan 19; 84(2):68–71 (Eng. Abstr.) **(Spa)**

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Quantitative modification of immunohaemolytic sensitivity of bovine erythrocytes. Imre S. **Acta Physiol Hung** 1984; 64(1):49–55

Identification of erythroid colony progenitors in a subset of human peripheral null lymphocytes devoid of Fc receptors. Rosenthal CJ, et al. **Am J Hematol** 1985 Jun;19(2):109–20

Transplacental alloimmunization to fetal erythrocytes in rhesus monkeys (Macaca mulatta). Stong RC, et al. **Am J Reprod Immunol** 1984 Oct–Nov;6(3):128–32

The transfer of bovine J blood group activity to erythrocytes: evidence of a transferable and of a non–transferable J in serum. Wagner R, et al. **Anim Blood Groups Biochem Genet** 1984;15(3):223–5

The transfer of bovine J blood group activity to erythrocytes: chemical nature of transferable and of non–transferable J. Wagner R, et al. **Anim Blood Groups Biochem Genet** 1984; 15(4):259–74

Increased phagocytosis of non–parasitized red cells in Plasmodium berghei malaria. Newsome F. **Ann Trop Med Parasitol** 1984 Jun;78(3):323–5

The comparison of susceptibility of two target cells (HuRBC and L1210) to antibody dependent lymphocyte cytotoxicity. Wasik M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(6):641–8

Low C3b receptor reactivity on erythrocytes from patients with systemic lupus erythematosus detected by immune adherence hemagglutination and radioimmunoassays with monoclonal antibody. Minota S, et al. **Arthritis Rheum** 1984 Dec;27(12):1329–35

Divergent selection of chickens for antibody production to sheep erythrocytes: age effect in parental lines and their crosses. Ubosi CO, et al. **Avian Dis** 1985 Jan–Mar; 29(1):150–8

Divergent selection of chickens for antibody response to sheep erythrocytes: kinetics of primary and secondary immunizations. Ubosi CO, et al. **Avian Dis** 1985 Apr–Jun; 29(2):347–55

Restoration and stimulation of the in vitro immune response of B cells to sheep erythrocytes by interleukins and muramyl dipeptide (MDP). Souvannavong V, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):431–9

Molecular characterization of fetal antigens on red blood cells of chickens, Japanese quail, and quail–chicken hybrids. Dietert RR, et al. **Biochem Genet** 1984 Oct;22(9–10):839–51

Complement–component–C3–opsonized immunoglobulin G anti–DNA antibodies do not bind effectively to red blood cells unless aggregated on a high–Mr DNA matrix. Horgan C, et al. **Biochem J** 1984 Dec 15;224(3):755–9

Affinity targeting of Sendai virions to desialized human erythrocytes using hybrid antibody molecules. Chejanovsky N, et al. **Biochim Biophys Acta** 1985 Jan 25; 812(2):353–60

IgG antibodies do not bind to band 3 in intact erythrocytes; enzymatic treatment of cells is required for IgG binding. Kay MM, et al. **Biomed Biochim Acta** 1984;43(6):841–6

Species differences in the expression of carbohydrate differentiation antigens on mammalian blood cells revealed by immunofluorescence with monocloaal antibodies. Thorpe SJ, et al. **Biosci Rep** 1984 Aug;4(8):673–85

Acquired immune hemolytic anemia associated with IgA erythrocyte coating: investigation of hemolytic mechanisms. Clark DA, et al. **Blood** 1984 Nov;64(5):1000–5

Human erythroid progenitor cells express Rhesus antigens. Falkenburg JH, et al. **Blood** 1985 Sep;66(3):660–3

SFL 23.6: a monoclonal antibody reactive with CFU–E, erythroblasts, and erythrocytes. Gupta AD, et al. **Blood** 1985 Sep;66(3):522–6

Drug–induced endocytosis of neonatal erythrocytes. Matovcik LM, et al. **Blood** 1985 May;65(5):1056–63

Studies on Mv red cells. II. Immunochemical investigations. Dahr W, et al. **Blut** 1984 Oct;49(4):299–306

Wright (a + b–) human erythrocytes and Plasmodium falciparum malaria. Hermentin P, et al. **Blut** 1985 Feb; 50(2):75–80

ADCC lysis of human erythrocytes sensitized with rhesus alloantibodies. IV. Characterization of anti–D sera which are inactive in ADCC. Barclay GR, et al. **Br J Haematol** 1985 Jun;60(2):293–304

Unmasking of Kx antigen by reduction of disulphide bonds on normal and McLeod red cells. Branch DR, et al. **Br J Haematol** 1985 Mar;59(3):505–12

Activation of neutrophil phagocytosis of complement coated and IgG coated sheep erythrocytes by platelet release products. Sakamoto H, et al. **Br J Haematol** 1985 May; 60(1):173–81

Modulation of mouse anti–SRBC antibody response by placental extracts. Bobé P, et al. **Cell Immunol** 1984 Dec; 89(2):355–64

Effects of suramin on the immune responses to sheep red blood cells in mice. I. In vivo studies. Brandely M, et al. **Cell Immunol** 1985 Jul;93(2):280–91

Effects of suramin on the immune responses to sheep red blood cells in mice. II. In vitro studies. Motta I, et al. **Cell Immunol** 1985 Jul;93(2):292–302

Human autologous rosette–forming cells. II. Specificity of the binding between lymphocytes and erythrocytes. Nalet V, et al. **Cell Immunol** 1984 Nov;89(1):212–22

Monoclonal antibodies to the nuclear matrix of chick embryonal erythrocytes. Tsutsui Y, et al. **Cell Struct Funct** 1984 Dec;9(4):345–55

Specific anti–erythrocyte focus formation as a measure of autoantibody secreting cells in NZB mice. Moore J, et al. **Clin Exp Immunol** 1985 Jan;59(1):153–60

The splenic extraction ratio of antibody–coated erythrocytes and its response to plasma exchange and pulse methylprednisolone. Walport MJ, et al. **Clin Exp Immunol** 1985 Jun;60(3):465–73

The change in C3b receptors on erythrocytes from patients with systemic lupus erythematosus. Yoshida K, et al. **Clin Exp Immunol** 1985 Jun;60(3):613–21

Sequential development of platelet, neutrophil and red cell autoantibodies associated with measles infection. Chapman JF, et al. **Clin Lab Haematol** 1984;6(3):219–28

The antibody responses to sheep red blood cells of the red–tailed hawk and great–horned owl. Lawler EM, et al. **Dev Comp Immunol** 1984 Summer;8(3):733–8

Transient killer cells mediating antibody–dependent cell cytotoxicity to chicken erythrocytes in mouse spleen during post natal development. Papadopoulos AI, et al. **Dev Comp Immunol** 1985 Spring;9(2):361–9

Ontogeny of the erythrocyte–dependent IgM antibody responses to cell membrane antigens. Saito M, et al. **Dev Comp Immunol** 1984 Fall;8(4):877–85

MHC– and non–MHC–encoded surface antigens of chicken lymphoid cells and erythrocytes recognized by polyclonal xeno–, allo– and monoclonal antibodies. Wolf H, et al. **Eur J Immunol** 1984 Sep;14(9):831–9

Demonstration of two distinct antibodies in autoimmune hemolytic anemia with reticulocytopenia and red cell aplasia. Mangan KF, et al. **Exp Hematol** 1984 Nov; 12(10):788–93

Loss of antibody production accompanied by chromosome loss in a cloned hybrid line secreting antibodies to sheep red blood cells. Nowak JS. **Experientia** 1985 Jan 15; 41(1):88–9

Nature of the interaction between Ricinus communis agglutinin and blood cells. Turpin E, et al. **FEBS Lett** 1984 Sep 17;175(1):82–6

Specific reduction of the immune response to sheep red blood cells by the injection of syngeneic globulin on a non–immunogenic carrier. Rubakova EI, et al. **Folia Biol (Praha)** 1984;30(5):296–306

Monoclonal anti–erythrocyte auto–antibodies from unimmunized NZB mice. Lewis DE, et al. **Hybridoma** 1981; 1(1):71–6

Characterization of Lotus tetragonolobus fucolectin components for differences in hemagglutinating and macrophage activating activities. Leu RW, et al. **Immunobiology** 1985 Apr;169(3):250–62

Lipopolysaccharide significantly enhances erythrophagocytosis but marginally stimulates the phagocytosis of Staphylococcus aureus in mouse peritoneal macrophages. Lokesh BR, et al. **Immunobiology** 1985 Feb; 169(1):11–20

Inhibition of cells producing antigen–dependent non–specific immunoglobulins by isologous anti–erythrocyte immunoglobulins. Agadjanian MG, et al. **Immunol Lett** 1985;9(6):307–11

Hybridoma autoantibodies to erythrocytes from NZB mice and the induction of hemolytic anemia. Ozaki S, et al. **Immunol Lett** 1984;8(3):115–9

Autoantibodies against mouse bromelain–modified RBC are specifically inhibited by a common membrane phospholipid, phosphatidylcholine. Cox KO, et al. **Immunology** 1985 Jun;55(2):263–9

Erythrocyte lysis by PMA–triggered neutrophil polymorphonuclears: evidence for an hypochlorous acid–dependent process. Dallegri F, et al. **Immunology** 1985 Aug;55(4):639–45

Erythrocyte enhancement of C3b–mediated phagocytosis by human neutrophils in vitro: a combined effect of the erythrocyte complement receptors CR1 and erythrocyte scavengers to reactive oxygen metabolites (ROM). Forslid J, et al. **Immunology** 1985 May;55(1):97–103

Avidities of hapten–specific antibodies when the responses are modulated by anti–carrier antibodies. Whited Collisson E, et al. **Immunology** 1984 Nov;53(3):443–9

Suppression of primary antibody response to sheep erythrocytes in susceptible and resistant mice infected with Giardia muris. Belosevic M, et al. **Infect Immun** 1985 Jan; 47(1):21–5

Characterization of the complement sensitivity of paroxysmal nocturnal hemoglobinuria erythrocytes. Parker CJ, et al. **J Clin Invest** 1985 Jun;75(6):2074–84

Dynamics of interaction between complement–fixing antibody/dsDNA immune complexes and erythrocytes. In vitro studies and potential general applications to clinical immune complex testing. Taylor RP, et al. **J Clin Invest** 1985 Jan;75(1):102–11

Autoantibody to the C3b/C4b receptor and absence of this receptor from erythrocytes of a patient with systemic lupus erythematosus. Wilson JG, et al. **J Clin Invest** 1985 Jul; 76(1):182–90

E–receptors mediate the attachment of activated T–lymphocytes to human red blood cells: evidence from studies with monoclonal antibodies and simple sugars. Schlesinger M, et al. **J Clin Lab Immunol** 1984 Sep; 15(1):27–33

Adenine nucleotide concentrations in patients with erythrocyte autoantibodies. Strong VF, et al. **J Clin Pathol** 1985 May;38(5):585–7

The cell surface molecule recognized by the erythrocyte receptor of T lymphocytes. Identification and partial characterization using a monoclonal antibody. Hünig T. **J Exp Med** 1985 Sep 1;162(3):890–901

Fibronectin–enhanced phagocytosis of an alternative pathway activator by human culture–derived macrophages is mediated by the C4b/C3b complement receptor (CR1). Bohnsack JF, et al. **J Immunol** 1985 Oct;135(4):2680–6

Naturally occurring autoantibodies to exoplasmic and cryptic regions of band 3 protein, the major integral membrane protein of human red blood cells. Lutz HU, et al. **J Immunol** 1984 Nov;133(5):2610–8

Normal function of CR1 on affected erythrocytes of patients with paroxysmal nocturnal hemoglobinuria. Roberts WN, et al. **J Immunol** 1985 Jan;134(1):512–7

Disease–associated loss of erythrocyte complement receptors (CR1, C3b receptors) in patients with systemic lupus erythematosus and other diseases involving autoantibodies and/or complement activation. Ross GD, et al. **J Immunol** 1985 Sep;135(3):2005–14

Complement receptor type three–dependent degradation of opsonized erythrocytes by mouse macrophages. Rothlein R, et al. **J Immunol** 1985 Oct;135(4):2668–72

Effects of interferon alpha on the sheep erythrocyte 'receptor' of human lymphocytes. Fuhlbrigge RC, et al. **J Interferon Res** 1984 Fall;4(4):499–505

Leprosy: altered complement receptors in disseminated disease. Tausk F, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):58s–61s

Assessment of mononuclear phagocytic system function by clearance of anti–D–sensitized erythrocytes: the role of complement. Meryhew NL, et al. **J Lab Clin Med** 1985 Mar;105(3):277–81

A lectinlike receptor on murine macrophage cell line cells, Mm1: involvement of sialic acid–binding sites in opsonin–independent phagocytosis for xenogeneic red cells. Kyoizumi S, et al. **J Leukocyte Biol** 1985 Mar;37(3):289–304

Specificity of antibodies for T sites and F sites of streptolysin O. Watson KC, et al. **J Med Microbiol** 1985 Feb;19(1):1–7

Peroxidase antiperoxidase versus specific red cell adherence in detection of O (H) antigen in bladder cancer: a blind study. Javadpour N, et al. **J Surg Oncol** 1984 Oct; 27(2):112–5

Effect of neuraminidase treatment of rat thymocytes on rosette formation with guinea pig erythrocytes. Oka H, et al. **Jpn J Physiol** 1984;34(6):1141–5

Stimulated lymphoid cells of B lineage, but not plasma or myeloid cells, can express E receptor. Mills KH, et al. **Leuk Res** 1985;9(3):375–80

A direct enzyme–linked antiglobulin test for detection of red cell autoantibodies in auto–immune haemolytic anaemia. Leach M. **Med Lab Sci** 1984 Jul;41(3):232–7

Variables affecting the enzyme–linked antiglobulin test when detecting and quantitating IgG red cell antibodies. Postoway N, et al. **Med Lab Sci** 1985 Jan;42(1):11–9

Enzyme–linked antiglobulin test: variables affecting the test when measuring levels of red cell antigens. Wilson L, et al. **Med Lab Sci** 1985 Jan;42(1):20–5

The presence of anti–sheep red blood cell heterophile antibodies and their characteristics in murine schistosomiasis japonica. Asahi H, et al. **Microbiol Immunol** 1984;28(11):1241–56

Efficiency of activation of complement by anti–hapten antibodies at the red cell surface: effect of patchy vs random distribution of hapten. Circolo A, et al. **Mol Immunol** 1985 Mar;22(3):207–14

Mouse monoclonal antibodies at the red cell surface—II. Effect of hapten density on complement fixation and activation. Kratz HJ, et al. **Mol Immunol** 1985 Mar; 22(3):229–35

Mouse monoclonal antibodies at the red cell surface—I. Generation of EAC4 and interaction with C1. Kratz HJ, et al. **Mol Immunol** 1985 Mar;22(3):223–7

C3 nephritic factor protects bound C3bBb from cleavage by factor I and human erythrocytes. Mold C, et al. **Mol Immunol** 1985 May;22(5):507–12

Monoclonal autoantibodies against mouse red blood cells: a family of structurally restricted molecules. Poncet P, et al. **Mol Immunol** 1985 May;22(5):541–51

Analysis of the expression of H, Lewis, X, Y and precursor blood group determinants in saliva and red cells using a panel of mouse monoclonal antibodies. Sakamoto J, et al. **Mol Immunol** 1984 Nov;21(11):1093–8

Suppression of humoral response during the course of Candida albicans infection in mice. Valdez JC, et al. **Mycopathologia** 1984 Oct 30;88(1):61–3

Quantitation of red–cell–bound IgG in normal and pathologic states by an enzyme immunoassay (EIA) technique. Hirano A, et al. **Nagoya J Med Sci** 1985 Jan;47(1–2):3–16

Serological thermo–stability of M– and N–active sialoglycoprotein preparations from OM and ON human erythrocytes. Okazaki S, et al. **Nippon Hoigaku Zasshi** 1984 Apr;38(2):147–51

Polymorphisms of genetic markers in the red cell antigen, serum protein and red cell isoenzyme of the cats. Ikemoto S, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):317–20

Experimental autoimmune hemolytic anemia in mice induced by repeated immunization with ultrasonicated syngeneic erythrocytes together with Klebsiella O3 lipopolysaccharide. Kato T, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):838–45

Autologous mixed–lymphocyte reaction and the role of sheep red blood cells. Ohno R, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):1025–34

A fluorimetric enzyme-linked immunoassay (FEIA) for measurement of anti-D antibodies. Parinaud J, et al. **Nouv Rev Fr Hematol** 1984;26(5):299-302

Systemic effects of methylcholanthrene in mice. II. Immune responses to sheep red cells. Schreiber R, et al. **Oncology** 1984;41(6):436-41

Munchausen's syndrome by proxy (child abuse) presenting as apparent autoerythrocyte sensitization syndrome: an unusual presentation of Polle syndrome. Clark GD, et al. **Pediatrics** 1984 Dec;74(6):1100-2

Enhanced complement-mediated lysis of type III paroxysmal nocturnal hemoglobinuria erythrocytes involves increased C9 binding and polymerization. Hu VW, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5520-4

A new erythrocytic antigen of C57BL/10 (B10) mice. Walker MC, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):402-6

The clearance of heat-damaged erythrocytes by the reticulo-endothelial system in systemic lupus erythematosus and rheumatoid arthritis. Swaak AJ, et al. **Rheumatol Int** 1984;4(4):177-82

Simultaneous quantification of red cell and platelet surface-bound IgG & IgM by an ELISA technique. Hansen OP. **Scand J Clin Lab Invest [Suppl]** 1984;168:45-55

Quantification of soluble E-receptor in the serum of patients with various diseases and its accompanying in vitro immunosuppression in neoplasia. Oh SK, et al. **Scand J Immunol** 1985 Jul;22(1):51-60

Semiquantitation of ABH antigens specific for red blood cells. Saginaka K, et al. **Tohoku J Exp Med** 1985 Jun;146(2):163-6

Autoimmune hemolytic anemia with concurrence of warm and cold red cell autoantibodies and a warm hemolysin. Freedman J, et al. **Transfusion** 1985 Jul-Aug;25(4):368-72

Membrane-bound immunoglobulins and complement components on young and old red cells. Freedman J. **Transfusion** 1984 Nov-Dec;24(6):477-81

Quantitation of red cell-associated IgG using an immunoradiometric assay. Jeje MO, et al. **Transfusion** 1934 Nov-Dec;24(6):473-6

2-aminoethylisothiouronium-treated red cells and the Cartwright (Yta) antigen [letter] Levene C, et al. **Transfusion** 1984 Nov-Dec;24(6):541

Preservation of red cell antigens during storage of blood with different anticoagulants. Myhre BA, et al. **Transfusion** 1984 Nov-Dec;24(6):499-501

The clinical significance of HLA antigens on red cells. Survival studies in HLA-sensitized individuals. Panzer S, et al. **Transfusion** 1984 Nov-Dec;24(6):486-9

Red cell and platelet-bound IgG penicillin antibodies in a patient with thrombocytopenia. Salamon DJ, et al. **Transfusion** 1984 Sep-Oct;24(5):395-8

Automated detection of red cell antibodies in donor sera using an automated technology. Theuriere M, et al. **Transfusion** 1985 May-Jun;25(3):257-60

Immunologic studies of red cell antigens in the renal transplant patient. Ishibashi M, et al. **Transplant Proc** 1984 Dec;16(6):1509-11

Genetic control of production of IgG antibody against allogeneic erythrocytes in rats. Majoor GD, et al. **Transplantation** 1985 Feb;39(2):216-7

Equine alternative pathway activation by unsensitized rabbit red blood cells. Leid RW, et al. **Vet Immunol Immunopathol** 1985 May;9(1):71-85

The immunization of cattle against Babesia divergens with fractions of parasitized erythrocytes. Taylor SM, et al. **Vet Parasitol** 1984 Nov;16(3-4):235-42

Red blood cell mononuclear phagocyte assay [letter] Branch DR, et al. **Vox Sang** 1985;48(5):323-4

Estimation of the degree of opsonization of homologous erythrocytes by IgG for intravenous and intramuscular use. Jungi TW, et al. **Vox Sang** 1985;49(1):9-19

ISBT Working Party on Terminology for Red Cell Surface Antigens: Munich report. Lewis M, et al. **Vox Sang** 1985; 49(2):171-5

Human monoclonal antibodies against group A red blood cells. Raubitschek A, et al. **Vox Sang** 1985;48(5):305-8

Li cold agglutinin: a further antibody recognizing sialic acid-dependent antigens fully expressed on newborn erythrocytes. Roelcke D. **Vox Sang** 1985;48(3):181-3

Relationship between the third component of human complement (C3) bound to stored preserved erythrocytes and their viability in vivo. Szymanski IO, et al. **Vox Sang** 1985;49(1):34-41

Passively acquired antibody directed at human erythrocytes seen during therapy with Minnesota antilymphoblast globulin. Wick MR, et al. **Vox Sang** 1985;48(4):229-34

The transfer of bovine J blood-group activity to erythrocytes: kinetic studies. Wagner R, et al. **Zentralbl Veterinarmed [A]** 1984 Sep;31(8):601-10

Assessment of the dose of the immunological adjuvant Quil A in mice and guinea pigs, using sheep red blood cells as model antigen. Dalsgaard K. **Zentralbl Veterinarmed [B]** 1984 Oct;31(9):718-20

[A stable erythrocyte diagnostic preparation for the indirect hemagglutination reaction in toxoplasmosis] Gračeva LI, et al. **Cas Lek Cesk** 1985 Jun 28;124(26):816-9 (Eng. Abstr.) (Cze)

[Irregular erythrocyte antibodies during pregnancy] van Dijk BA, et al. **Ned Tijdschr Geneeskd** 1985 Jul 20; 129(29):1361-4 (Dut)

[Anti-I anti-erythrocyte auto-immunization in malaria] Penalba C, et al. **Bull Soc Pathol Exot Filiales** 1984 Jul-Aug;77(4):469-80 (Eng. Abstr.) (Fre)

[Anti-erythrocyte alloimmunization in the Rh system (with the exception of antigen D) after the transfusion of platelet concentrates] Branger M, et al. **Rev Fr Transfus Immunohematol** 1985 May;28(2):175-9 (Fre)

[2 new French families with Cad antigen] Guimbretière L, et al. **Rev Fr Transfus Immunohematol** 1985 Feb;28(1):95-8 (Eng. Abstr.) (Fre)

[Immunization model of mice for a comparative trial of systemic and local administration of antigens. 2. Histological studies, determination of hemagglutinating antibodies and 3T-thymidine index in tissue sections from selected organs of white mice following immunization with sheep erythrocytes] Heilmann P, et al. **Arch Exp Veterinarmed** 1984 Nov;38(6):816-31 (Eng. Abstr.) (Ger)

[Immunization model of calves using sheep erythrocytes—comparative trial of subcutaneous and intratracheal administration] Müller G, et al. **Arch Exp Veterinarmed** 1984 Nov;38(6):944-8 (Eng. Abstr.) (Ger)

[Immunologic tumor diagnosis using changes in migration velocity of cells in an electrical field (cytopherometer)] Dieckhues B, et al. **Fortschr Ophthalmol** 1984;81(4):367-9 (Eng. Abstr.) (Ger)

[Irregular erythrocytic antibodies as an obstacle to transfusion] Uhlig R, et al. **Z Arztl Fortbild (Jena)** 1984; 78(20):849-52 (Ger)

[Adjustment of density and concentration of sheep erythrocyte suspensions for complement binding reactions] Kirchner K. **Z Med Lab Diagn** 1984;25(8):458 (Ger)

[Hemolytic effect of Listeria innocua on sheep erythrocytes] Pongratz G, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug; 257(3):296-307 (Eng. Abstr.) (Ger)

[Aorto-coronary bypass surgery in a patient with red cell autoantibody and small e antibody] Nagaoka H, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):704-7 (Eng. Abstr.) (Jpn)

[Leukemic non-Hodgkin lymphoma cells bearing receptor for the ox blood erythrocytes] Oki H, et al. **Rinsho Byori** 1985 Jan;33(1):99-103 (Jpn)

[Acute autoimmune hemolytic anemia with warm antibodies in an infant] Karska M, et al. **Pediatr Pol** 1985 Jan; 60(1):83-6 (Pol)

[Gardner-Diamond syndrome] Kurnatowska A, et al. **Pol Tyg Lek** 1984 Nov 12;39(46):1513-4 (Pol)

[Suppression of the formation of cells secreting antibodies and antigen-dependent nonspecific immunoglobulins in mice receiving isologous antierythrocyte immunoglobulins] Agadzhanian MG, et al. **Biull Eksp Biol Med** 1985 Mar; 99(3):328-30 (Eng. Abstr.) (Rus)

[Heterophile antibodies to the antigens of myocardial interstitial connective tissue and erythrocytes in animals of different species] Danilova TA. **Biull Eksp Biol Med** 1985 Jan;99(1):81-4 (Eng. Abstr.) (Rus)

[Demonstration of the activity of a rhesus-positive antigen in the erythrocytes of rhesus-negative donors and an increase in the expression of ABO system antigens after ultraviolet irradiation of the blood] Samoĭlova KA, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):460-2 (Eng. Abstr.) (Rus)

[Selective cytotoxic effect of immunotoxin on erythroid tumor cells of mice] Tonevitskiĭ AG, et al. **Dokl Akad Nauk SSSR** 1985;282(2):485-8 (Rus)

[Possible zymosan stimulation of the immune response of BALB/c mice to sheep erythrocytes and tumor target cells] Liepa VE, et al. **Eksp Onkol** 1985;7(3):43-7 (Eng. Abstr.) (Rus)

[Characteristics of micromethods for the analysis of the in vitro synthesis of antibodies against xenogenic erythrocytes] Pinchuk GV. **Eksp Onkol** 1984;6(1):69-70 (Eng. Abstr.) (Rus)

[Interrelation of 5'-nucleotidase separated from thymocytes by heating and receptors responsible for interaction with autologous erythrocytes] Bezvershenko IA, et al. **Fiziol Zh** 1985 May-Jun;31(3):282-7 (Eng. Abstr.) (Rus)

[Mechanism of erythrocyte destruction during immunization] Kirdeĭ EG, et al. **Gematol Transfuziol** 1984 Dec;29(12):21-4 (Eng. Abstr.) (Rus)

[Characteristics of the immune response to corpuscular antigen in hemorrhagic shock] Timchenko AS. **Klin Khir** 1985 Jan;(1):55-6 (Eng. Abstr.) (Rus)

[Universal stabilizer for erythrocytic diagnostic agents] Karal'nik BV, et al. **Lab Delo** 1985;(3):163-6 (Eng. Abstr.) (Rus)

[Isolation of IgG and IgM antierythrocyte antibodies for determining human T-lymphocyte subpopulations] Khavkin IuA, et al. **Lab Delo** 1984;(7):420-2 (Eng. Abstr.) (Rus)

[Sorption of DNA on sheep erythrocytes using polyethylene glycol] Moskalenko EP, et al. **Lab Delo** 1985;(1):37-8 (Eng. Abstr.) (Rus)

[Immune response to specific and erythrocytic antigens in experimental echinococcosis in inbred mice] Zbarskiĭ AI, et al. **Med Parazitol (Mosk)** 1985 Mar-Apr;(2):16-21 (Eng. Abstr.) (Rus)

[Characteristics of the resuscitation of dogs immunized with a foreign protein and sheep erythrocytes] Enikeev DA, et al. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):22-7 (Eng. Abstr.) (Rus)

[Erythrocyte antibody diagnostic agents for determining the type and subtype of influenza viruses] Saiatov MKh, et al. **Vopr Virusol** 1985 Jan-Feb;30(1):39-43 (Eng. Abstr.) (Rus)

[Increased sensitivity of the passive hemagglutination reaction by using erythrocyte diagnostic agents for the respiratory syncytial] Trofimova MG, et al. **Vopr Virusol** 1985 Mar-Apr;30(2):236-9 (Rus)

[Increased sensitivity of the parapertussis diagnostic agent] Chernavskaia LN, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):90-2 (Eng. Abstr.) (Rus)

[Erythrocyte reagents for detecting antibodies to species-specific staphylococcal antigens] Deriabin PN, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):87-90 (Eng. Abstr.) (Rus)

[Determination of Staphylococcus species-specific antigens by using erythrocyte reagents] Deriabin PN, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Aug;(8):47-52 (Eng. Abstr.) (Rus)

[Comparative study of the phagocytosis of sheep erythrocytes by the macrophages of inbred mice differing in their sensitivity to immunogenic stimulation by the given antigen] Matienko NA, et al. **Zh Mikrobiol Epidemiol Immunchiol** 1985 Apr;(4):35-9 (Eng. Abstr.) (Rus)

[Use of the pneumococcal serovar 3 erythrocyte antibody diagnostic agent for analyzing polysaccharide-containing preparations] Moshiashvili IIa, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Aug;(8):77-80 (Eng. Abstr.) (Rus)

[Comparative study of the sensitivity and specificity of dried and liquid meningococcal erythrocyte diagnostic agents A, C and Y in a controlled trial] Nikitiuk NM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Aug;(8):72-6 (Eng. Abstr.) (Rus)

[Trial of an erythrocyte antigenic diagnostic agent for detecting antibodies to Coxiella burnetii] Tokarevich NK, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr; (4):51-5 (Eng. Abstr.) (Rus)

[Erythrocyte test preparations for standardizing fluorescent antibodies and the serological diagnosis of influenza] Zhurov SA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jan;(1):81-5 (Eng. Abstr.) (Rus)

[Isolation and determination of the molecular mass of the RHoD antigen in human erythrocytes] Miletić VD, et al. **Bilt Hematol Transfuz** 1984;12(2):51-8 (Eng. Abstr.) (Ser)

[Enhancement of the recovery of receptors for sheep erythrocytes on human T lymphocytes by prolactin] Rovenský J, et al. **Cas Lek Cesk** 1984 Jul 6;123(27):832-4 (Eng. Abstr.) (Slo)

[Current status of the serology of the erythrocyte series] Martín Vega C. **Sangre (Barc)** 1984;29(4-C):651-5 (27 ref.) (Spa)

METABOLISM

The oxygen-release capacity of red blood cells in insulin-dependent diabetics after artificial pancreas. Torella R, et al. **Acta Diabetol Lat** 1984 Jul-Sep;21(3):281-6

Effects on red blood cell choline transport induced by different sulfhydryl compounds. Falezza GC, et al. **Acta Haematol (Basel)** 1984;72(2):111-6

Where does phosphoglycolate come from in red cells? Fujii S, et al. **Acta Haematol (Basel)** 1985;73(1):26-30

Adenosine triphosphate restoration and discocytic transformation of stored human erythrocytes. Watanabe S, et al. **Acta Med Okayama** 1985 Jun;39(3):239-46

Confrontation of biochemical findings with angiographically determined intensity of atherosclerosis of brain arteries. Maciejek Z, et al. **Acta Med Pol** 1984;25(1-4):87-96

Red cell 2,3-diphosphoglycerate and hemoglobin—oxygen affinity during normal pregnancy. Madsen H, et al. **Acta Obstet Gynecol Scand** 1984;63(5):399-402

Red cell 2,3-diphosphoglycerate and hemoglobin-oxygen affinity during diabetic pregnancy. Madsen H, et al. **Acta Obstet Gynecol Scand** 1984;63(5):403-6

The inhibition of the calcium dependent ATPase from human red cells by erythrosin B. Mugica H, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(2):163-73

The composition of fatty acids of the serum and erythrocytes after an alimentary cholesterol load. Grójec M, et al. **Acta Physiol Pol** 1984 Mar-Apr;35(2):177-84

Erythrocyte cation transport in endogenous depression: clinical and psychophysiological correlates. Strzyzewski W, et al. **Acta Psychiatr Scand** 1984 Sep;70(3):248-53

Changes in cerebral oxygen tension and red cell content on sensory stimulation. Longmuir IS, et al. **Adv Exp Med Biol** 1984;180:185-90

Enhancement of P50 by inositol hexa phosphate entrapped in resealed erythrocytes in piglets. Teisseire B, et al. **Adv Exp Med Biol** 1984;180:673-7

Serum potassium levels, red-blood-cell potassium and alterations of the repolarization phase of electrocardiography in old subjects. Barbagallo Sangiorgi G, et al. **Age Ageing** 1984 Sep;13(5):309-12

Alcohol and the calcium-dependent potassium transport of human erythrocytes. Harris RA, et al. **Alcohol** 1985 Jan-Feb;2(1):149-52

Erythrocyte, plasma, urine and dialysate zinc levels in patients on continuous ambulatory peritoneal dialysis. Beerbower KS, et al. **Am J Clin Nutr** 1985 Apr; 41(4):697-702

Short term effect of a low fat diet on plasma retinol and alpha-tocopherol and red cell alpha-tocopherol levels in hyperlipidemic men. Haddad E, et al. **Am J Clin Nutr** 1985 Mar;41(3):599–604

Postnatal decline in pyridoxal phosphate and riboflavin. Accentuation by phototherapy. Rudolph N, et al. **Am J Dis Child** 1985 Aug;139(8):812–5

Familial aggregation of red blood cell cation transport systems in Japanese families. Kagamimori S, et al. **Am J Epidemiol** 1985 Sep;122(3):386–90

Preparation of low-affinity red cells with dimethylsulfoxide-mediated inositol hexaphosphate incorporation: hemoglobin and ATP recovery using a continuous-flow method. Franco RS, et al. **Am J Hematol** 1984;17(4):393–400

Increased Heinz body formation and impaired erythrocyte pentose phosphate shunt function during pregnancy. Lachant NA, et al. **Am J Hematol** 1985 Feb;18(2):131–41

Erythrocyte (Ca+2 + Mg+2)-ATPase activity: increased sensitivity to oxidative stress in glucose-6-phosphate dehydrogenase deficiency. Shalev O, et al. **Am J Hematol** 1985 Jun;19(2):131–6

A marked increase of calcium uptake in the ATP-depleted red cells of patients with iron deficiency. Shimoda M, et al. **Am J Hematol** 1985 May;19(1):55–61

Red blood cell adenine nucleotides abnormalities in Down syndrome. Stocchi V, et al. **Am J Med Genet** 1985 Jan; 20(1):131–5

Erythrocyte concentrations and transmembrane fluxes of sodium and potassium and biochemical measurements during the menstrual cycle in normal women. M'Buyamba-Kabangu JR, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):687–93

Effect of erythrocyte storage and oxyhemoglobin affinity changes on cardiac function. Apstein CS, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):H508–15

Kinetics of cell age-dependent decline of insulin receptors in human red cells. Baumann G, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E667–74

Erythrocyte adenosine transport: effects of Ca2+ channel antagonists and ions. Ford DA, et al. **Am J Physiol** 1985 May;248(5 Pt 2):H593–8

Absence of significant sodium-hydrogen exchange by rabbit erythrocyte sodium-lithium countertransporter. Jennings ML, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C63–8

Red blood cell deformability and protein adsorption on red blood cell surface. Kikuchi Y, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H739–47

Effects of Na+ and K+ on protein adsorption on red blood cell surface. Kikuchi Y, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H748–53

Cell volume and metabolic dependence of NEM-activated K+-Cl- flux in human red blood cells. Lauf PK, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C124–8

Passive K+-Cl- fluxes in low-K+ sheep erythrocytes: modulation by A23187 and bivalent cations. Lauf PK. **Am J Physiol** 1985 Sep;249(3 Pt 1):C271–8

Iodoacetic acid inhibition of calcium-dependent potassium efflux in red blood cells. Plishker GA. **Am J Physiol** 1985 May;248(5 Pt 1):C419–24

A quenched-flow technique for the measurement of glucose influx into human red blood cells. Lowe AG, et al. **Anal Biochem** 1985 Feb 1;144(2):385–9

Insensitivity of erythrocyte 2,3-bisphosphoglycerate to changes in extracellular phosphate concentration in vitro. Ryall RG, et al. **Ann Clin Biochem** 1985 May;22 (Pt 3):291–6

Fast hemoglobins and red blood cell metabolites in citrate phosphate dextrose adenine stored blood. Zeller WP, et al. **Ann Clin Lab Sci** 1985 Jan–Feb;15(1):61–5

Kinetics and mechanism of anion transport in red blood cells. Jennings ML. **Annu Rev Physiol** 1985;47:519–33 (96 ref.)

Chloroquine uptake by Plasmodium falciparum-infected human erythrocytes during in vitro culture and its relationship to chloroquine resistance. Verdier F, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):561–4

Behavior of lead and zinc in plasma, erythrocytes, and urine and ALAD in erythrocytes following intravenous infusion of CaEDTA in lead workers. Araki S, et al. **Arch Environ Health** 1984 Sep–Oct;39(5):363–7

Intracellular concentration and transmembrane fluxes of sodium and potassium in erythrocytes of normal men and women. M'Buyamba-Kabangu JR, et al. **Arch Gynecol** 1985;236(4):219–24

Chronic treatment with nifedipine prevents development of hypertension and abnormal red cell Na+ transport in Dahl-S-rats. Knorr A, et al. **Arch Int Pharmacodyn Ther** 1985 Jun;275(2):248–58

Adenosine transport and metabolism: independent but non separable events in the human erythrocyte. Fernández L, et al. **Arch Invest Med (Mex)** 1984 Jul–Sep;15(3):193–204 **(Eng, Spa)**

Differences in the distribution of methyl mercury in erythrocytes, plasma, and brain of Japanese quails and rats after a single oral dose. Clausing P, et al. **Arch Toxicol** 1984 Dec;56(2):132–5

Fast uptake kinetics in vitro of 51Cr (VI) by red blood cells of man and rat. Wiegand HJ, et al. **Arch Toxicol** 1985 Apr; 57(1):31–4

Erythrocyte-dependent metabolic activation of styrene and induction of sister chromatid exchange in cultured human lymphocytes. Norppa H, et al. **Arch Toxicol [Suppl]** 1984; 7:286–90

Interaction of some beta-receptor blockers with the transport system of glucose in human erythrocytes. Lacko L, et al. **Arzneimittelforschung** 1985;35(6):961–3

Erythrocyte-mediated metabolic activation detected by SCE. Norppa H, et al. **Basic Life Sci** 1984;29 Pt B:547–59

Incorporation of allosteric effectors of hemoglobin in red blood cells. Physiological effects. Nicolau C, et al. **Bibl Haematol** 1985;(51):92–107

Ceruloplasmin receptors of erythrocytes. Barnes G, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):157–62

Lack of effect of synthetic atrial natriuretic factor on rubidium uptake by human erythrocytes. Hernando N, et al. **Biochem Biophys Res Commun** 1985 Aug 15; 130(3):1066–71

Effects of A23187 and Ca2+ on volume- and thiol-stimulated, ouabain-resistant K+C1- fluxes in low K+ fluxes in low K+ sheep erythrocytes. Lauf PK, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):790–6

Increased rate of superoxide ion generation in Fanconi anemia erythrocytes. Scarpa M, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):127–32

Absence of covalent binding by insulin to erythrocyte and reticulocyte insulin receptors. Ward GM, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):849–53

Anomeric specificity of glycolysis in a non glucokinase-containing cell. Malaisse WJ, et al. **Biochem Int** 1985 Feb;10(2):233–40

Transfer of excess cholesterol from human red blood cells to plasma in vitro. Sutherland WH, et al. **Biochem Int** 1984 Oct;9(4):531–8

Polyamine levels and the activity of their biosynthetic enzymes in human erythrocytes infected with the malarial parasite, Plasmodium falciparum. Assaraf YG, et al. **Biochem J** 1984 Sep 15;222(3):815–9

Characterization of a novel Na+-independent amino acid transporter in horse erythrocytes. Fincham DA, et al. **Biochem J** 1985 Apr 1;227(1):13–20

Assimilation of alpha-glutamyl-peptides by human erythrocytes. A possible means of glutamate supply for glutathione synthesis. King GF, et al. **Biochem J** 1985 May 1;227(3):833–42

Cross-linking of histones with dimethyl 3,3'-dithiobispropionimidate. Interference by a one-end reaction modifying histones at lysine amino groups. Kotthaus E, et al. **Biochem J** 1984 Dec 15;224(3):1019–22

Stereospecific modulation of the calcium channel in human erythrocytes by cholesterol and its oxidized derivatives. Neyses L, et al. **Biochem J** 1985 Apr 1;227(1):105–12

Involvement of oxidoreductive reactions of intracellular haemoglobin in the metabolism of 3-hydroxyanthranilic acid in human erythrocytes. Tomoda A, et al. **Biochem J** 1984 Sep 15;222(3):755–60

Stimulation of the hexose monophosphate pathway in the human erythrocyte by Mn2+: evidence for a Mn2+-dependent NADPH peroxidase activity. Bennun A, et al. **Biochem Med** 1985 Feb;33(1):17–21

Inhibition of NAD biosynthesis in human erythrocytes by leucine in vitro. Narayanareddy K, et al. **Biochem Med** 1984 Dec;32(3):404–6

Erythrocyte ouabain binding and intracellular Na+ in normotensive obese women and obese women receiving medication for hypertension. Webster DP, et al. **Biochem Med** 1984 Oct;32(2):232–41

Therapeutic efficacy of asparaginase encapsulated in intact erythrocytes. Alpar HO, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):257–61

Transport of deoxycoformycin in human erythrocytes. Measurement by adenosine deaminase titration and radioisotope assays. Chen SF, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4069–79

In vitro interconversion of aflatoxin B1 and aflatoxicol by rat erythrocytes. Chung WM, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2566–9

A study of the uptake of chloroquine in malaria-infected erythrocytes. High and low affinity uptake and the influence of glucose and its analogues. Diribe CO, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3019–27

2-Chloroadenosine, a permeant for the nucleoside transporter. Jarvis SM, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3237–41

Entrapping of the spin label tempocholine into human erythrocytes by resealing after hyposmolar stress. Comparison with haemolysis. The effects of some membrane-active substances. Lagercrantz C, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):31–8

Applications of spin-trapping to biological systems. Green MJ, et al. **Biochem Soc Trans** 1985 Jun;13(3):600–3

Interaction of calmodulin with the red cell and its membrane skeleton and with spectrin. Burns NR, et al. **Biochemistry** 1985 Jun 4;24(12):3070–4

Lipid transfer between phosphatidylcholine vesicles and human erythrocytes: exponential decrease in rate with increasing acyl chain length. Ferrell JE Jr, et al. **Biochemistry** 1985 Jun 4;24(12):2857–64

Proteolysis-associated deglycosylation of beta 1-adrenergic receptor in turkey erythrocytes and membranes. Jürss R, et al. **Biochemistry** 1985 Jun 18;24(13):3349–54

Hypoxanthine-guanine exchange by intact human erythrocytes. Salerno C, et al. **Biochemistry** 1985 Mar 12; 24(6):1306–9

Effect of dietary cholesterol on erythrocyte peroxidant stress in vitro and in vivo. Bereza UL, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):434–40

The activation of the sodium pump in pig red blood cells by internal and external cations. Brand SC, et al. **Biochim Biophys Acta** 1985 May 30;845(2):139–50

Anion exchange in human erythrocytes has a large activation volume. Canfield VA, et al. **Biochim Biophys Acta** 1984 Dec 5;778(2):379–84

A 13C-methylation study of glycophorin A intact erythrocytes by 13C-NMR spectroscopy. Carter RD, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):396–402

Molecular species composition of membrane phosphatidylcholine influences the rate of cholesterol efflux from human erythrocytes and vesicles of erythrocyte lipid. Child P, et al. **Biochim Biophys Acta** 1985 Apr 11; 814(2):237–46

Acyl selectivity in the transfer of molecular species of phosphatidylcholines from human erythrocytes. Child P, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):321–32

Inhibition of phosphate transport in human erythrocytes by water-soluble carbodiimides. Craik JD, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):429–34

Alternative-substrate inhibition of L-lactate transport via the monocarboxylate-specific carrier system in human erythrocytes. de Bruijne AW, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):841–4

Pyruvate prevents the ATP depletion caused by formaldehyde or calcium-chelator esters in the human red cell. García-Sancho J. **Biochim Biophys Acta** 1985 Feb 28; 813(1):148–50

p-Chloromercuribenzenesulfonic acid stimulation of chloride-dependent sodium and potassium transport in human red blood cells. Haas M, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):43–9

Heme inhibits transferrin endocytosis in immature erythroid cells. Iacopetta B, et al. **Biochim Biophys Acta** 1984 Oct 12;805(2):211–6

The activity of membranes reconstituted from HVJ envelope proteins and lipids to induce hemolysis and fusion between liposomes and erythrocytes. Inoue J, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):321–31

Different incorporation rates of arachidonic acid into alkenylacyl-, alkylacyl- and diacylphosphatidylethanolamine of rat erythrocytes. Kaya K, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):304–11

Peroxidation of liposomes in the presence of human erythrocytes and induction of membrane damage of erythrocytes by peroxidized liposomes. Kobayashi T, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):170–8

The relationship between glucose concentration and rate of lactate production by human erythrocytes in an open perfusion system. Kuchel PW, et al. **Biochim Biophys Acta** 1984 Oct 12;805(2):191–203

Tetanus toxin interaction with human erythrocytes. II. Kinetic properties of toxin association and evidence for a ganglioside-toxin macromolecular complex formation. Lazarovici P, et al. **Biochim Biophys Acta** 1985 Jan 25; 812(2):532–42

Tetanus toxin interaction with human erythrocytes. I. Properties of polysialoganglioside association with the cell surface. Lazarovici P, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):523–31

Erythrocyte Lii-Nao countertransport system. Inhibition by N-ethylmaleimide probes for a conformational change of the transport system. Levy R, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):157–66

The measurement in vivo of the rate of unesterified cholesterol exchange between rat plasma and erythrocytes. Magot T, et al. **Biochim Biophys Acta** 1985 May 17; 834(3):331–5

A multinuclear NMR study of 2,3-bisphosphoglycerate metabolism in the human erythrocyte. Oxley ST, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):19–24

Interaction of hydrophobic bis (D-mannose) derivatives with adipocyte and erythrocyte sugar transport systems. Parkar BA, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):103–10

Interaction of oxidized chicken ovotransferrin with chicken embryo red blood cells. Penner MH, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):389–95

Adenine nucleotide metabolism and nucleoside transport in human erythrocytes under ATP depletion conditions. Plagemann PG, et al. **Biochim Biophys Acta** 1985 Jul 11; 817(1):51–60

Kinetics of nucleoside transport in human erythrocytes. Alterations during blood preservation. Plagemann PG, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):176–84

Characterization of normal, glutathione-deficient and arginase-deficient sheep erythrocytes by 1H-NMR spectroscopy. Rabenstein DL, et al. **Biochim Biophys Acta** 1985 Aug 30;846(2):200–7

Comparison of the transport of 42K+, 22Na+, 201Tl+, and [99mTc(dmpe)2 X Cl2]+ using human erythrocytes. Sands H, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):665–70

Cholesterol exchange in platelets, erythrocytes and megakaryocytes. Schick BP, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):281–90

Asymmetric transport of a fluorescent glucose analogue by human erythrocytes. Speizer L, et al. **Biochim Biophys Acta** 1985 Apr 26;815(1):75–84

Some viscoelastic properties of human erythrocyte spectrin networks end-linked in vitro. Stokke BT, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):111–21

Effects of ATP and cyclic AMP on the (Na+ + K+ + 2Cl-)-cotransport system in turkey erythrocytes. Ueberschär S, et al. **Biochim Biophys Acta** 1985 Aug 27; 818(2):260-6

The assimilation of tri- and tetrapeptides by human erythrocytes. Vandenberg JI, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):127-34

Relation between red cell anion exchange and water transport. Yoon SC, et al. **Biochim Biophys Acta** 1984 Dec 5;778(2):385-9

The liver is an organ site for the release of inosine metabolized by non-glycolytic pig red cells. Zeidler RB, et al. **Biochim Biophys Acta** 1985 Mar 8;838(3):321-8

Lithium incorporation in the fibroblasts of manic-depressives. Breslow RE, et al. **Biol Psychiatry** 1985 Jan;20(1):58-65

Red blood cell choline. I: Choline in Alzheimer's disease. Greenwald BS, et al. **Biol Psychiatry** 1985 Apr;20(4):367-74

Red blood cell choline. II: Kinetics in Alzheimer's disease. Kanof PD, et al. **Biol Psychiatry** 1985 Apr;20(4):375-83

Interaction of prostaglandins with phospholipid vesicles, serum lipoproteins and erythrocytes. Bergelson LD, et al. **Biomed Biochim Acta** 1984;43(8-9):S121-4

In vivo modulation of outward Na+, K+ cotransport by oestradiol and progesterone in rat red cells. Franck D, et al. **Biomed Biochim Acta** 1984;43(6):S91-3

Mathematical models of metabolic systems: general principles and control of glycolysis and membrane transport in erythrocytes. Heinrich R. **Biomed Biochim Acta** 1985; 44(6):913-27

Observations on the red cell ATP of surgical patients during premortal period. Kozakowska E, et al. **Biomed Biochim Acta** 1984;43(6):S103-4

Monitoring metabolic reactions in erythrocytes using NMR spectroscopy. Kuchel PW, et al. **Biomed Biochim Acta** 1984;43(6):719-26

Interaction between rat peritoneal macrophages and sialidase-treated erythrocytes: biochemical and morphological studies. Schauer R, et al. **Biomed Biochim Acta** 1984;43(6):711-7

A kinetic model for the interaction of energy metabolism and osmotic states of human erythrocytes. Analysis of the stationary 'in vivo' state and of time dependent variations under blood preservation conditions. Werner A, et al. **Biomed Biochim Acta** 1985;44(2):185-212

Comparison of the erythrocyte partitioning method with two classical methods for estimating free drug fraction in plasma. Trung AH, et al. **Biopharm Drug Dispos** 1984 Jul-Sep;5(3):281-90

NMR relaxation studies of intracellular Na+ in red blood cells. Shinar H, et al. **Biophys Chem** 1984 Nov;20(4):275-83

Measurement of a wide range of intracellular sodium concentrations in erythrocytes by 23Na nuclear magnetic resonance. Boulanger Y, et al. **Biophys J** 1985 Apr; 47(4):553-61

Oxygen delivery from red cells. Clark A Jr, et al. **Biophys J** 1985 Feb;47(2 Pt 1):171-81

Simple model can explain self-inhibition of red cell anion exchange. Tanford C. **Biophys J** 1985 Jan;47(1):15-20

A metabolic osmotic model of human erythrocytes. Brumen M, et al. **Biosystems** 1984;17(2):155-69

Neutrophils mediate lipid peroxidation in human red cells. Claster S, et al. **Blood** 1984 Nov;64(5):1079-84

Regulation of heme synthesis in erythroid cells: hemin inhibits transferrin iron utilization but not protoporphyrin synthesis. Ponka P, et al. **Blood** 1985 Apr;65(4):850-7

Potentiation by red blood cells of shear-induced platelet aggregation: relative importance of chemical and physical mechanisms. Reimers RC, et al. **Blood** 1984 Dec; 64(6):1200-6

Increased red cell calcium, decreased calcium adenosine triphosphatase, and altered membrane proteins during fava bean hemolysis in glucose-6-phosphate dehydrogenase-deficient (Mediterranean variant) individuals. Turrini F, et al. **Blood** 1985 Aug;66(2):302-5

Erythrocyte zincprotoporphyrin (ZPP) in subjects with heterozygote beta-thalassemia, acquired non-microcytic anemias and iron deficiency. Cocuzza S, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2171-8

Influence of cerebral spinal fluid on the affinity of human red cells for oxygen. Lanza V, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2345-52

Red cell kinetics in thalassaemia intermedia [letter] Pippard MJ. **Br J Haematol** 1985 Aug;60(4):765-6

Red cell ferritin content: a re-evaluation of indices for iron deficiency in the anaemia of rheumatoid arthritis. Davidson A, et al. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):648-50

Glucose 1,6-bisphosphate decline in human erythrocytes: possible involvement of phosphoglucomutase PGM2 isoenzymes. Ninfali P, et al. **Can J Biochem Cell Biol** 1985 Mar;63(3):162-6

Uptake of 2-beta-D-ribofuranosylthiazole-4-carboxamide (tiazofurin) and analogues by the facilitated transport mechanism of erythrocytes. Monks A, et al. **Cancer Lett** 1985 Aug;28(1):1-8

Degradation of unassembled alpha- and beta-spectrin by distinct intracellular pathways: regulation of spectrin topogenesis by beta-spectrin degradation. Woods CM, et al. **Cell** 1985 Apr;40(4):959-69

Transport and control of Ca2+ by pigeon erythrocytes. II. Evidence against a simple feedback control of cell Ca2+ and evidence for the involvement of more than one pool. Lee JW, et al. **Cell Calcium** 1984 Dec;5(6):525-36

Transport and control of Ca2+ by pigeon erythrocytes. I. Survey of some cell responses to a range of A23187 doses in the presence of Ca2+. Lee JW, et al. **Cell Calcium** 1984 Dec;5(6):501-24

Use of the ionophore A23187 to measure and control cytoplasmic Ca2+ levels in intact red cells. Lew VL, et al. **Cell Calcium** 1985 Apr;6(1-2):15-23

Line-restricted hemoglobin synthesis in chick embryonic erythrocytes. Beaupain D. **Cell Differ** 1985 Apr;16(2):101-7

Globin gene expression in erythroid cell lines during larval development of Pleurodeles waltlii. Flavin M, et al. **Cell Differ** 1985 May;16(3):203-9

Erythrocyte-bound immune complexes trigger the release of interleukin-1 from human monocytes. Chou YK, et al. **Cell Immunol** 1985 Mar;91(1):308-14

Liquid-chromatographic measurement of purine nucleotides in blood cells. Boulieu R, et al. **Clin Chem** 1985 May; 31(5):727-31

Acid-base-induced changes in the distribution of water between plasma and erythrocytes, as measured with a sodium-ion-selective electrode. Fogh-Andersen N, et al. **Clin Chem** 1984 Nov;30(11):1843-5

Glucose transport in erythrocytes of diabetic and healthy children as related to hemoglobin A1c. Mortensen HB, et al. **Clin Chem** 1985 Aug;31(8):1387-9

Direct and continuous measurement of Na+ effluxes with an ion-selective electrode of [Na+] in human erythrocytes. Assailly J, et al. **Clin Chim Acta** 1984 Oct 29;143(1):37-44

Erythrocyte sodium pump activity in human obesity. Charalambous BM, et al. **Clin Chim Acta** 1984 Aug 31; 141(2-3):179-87

Decreased susceptibility of red blood cells to lipid peroxidation in patients with alcoholic liver cirrhosis. Clemens MR, et al. **Clin Chim Acta** 1985 Feb 15; 145(3):283-8

Increased calcium uptake in the red cells of unsplenectomized patients with hereditary spherocytosis: significant contribution of reticulocytosis. Shimoda M, et al. **Clin Chim Acta** 1984 Sep 29;142(2):183-92

Hemodialysis does not affect erythrocyte sodium-lithium countertransport. Smith JB, et al. **Clin Chim Acta** 1984 Nov 30;143(3):275-9

An improved non-radioisotopic method for measuring ouabain-sensitive Na+ efflux from erythrocytes. Smith JB, et al. **Clin Chim Acta** 1984 Nov 30;143(3):295-9

The plasma and erythrocyte fatty acid composition of poorly controlled, insulin-dependent (type I) diabetic patients and the effect of improved metabolic control. van Doormaal JJ, et al. **Clin Chim Acta** 1984 Dec 29;144(2-3):203-12

Effect of magnesium on passive fluxes of lithium in the human erythrocyte. Wiley JS, et al. **Clin Exp Pharmacol Physiol** 1985 May-Jun;12(3):311-4

Measurements of red blood cell methotrexate concentrations and lymphocyte subsets during therapy of rheumatoid arthritis. Duby S, et al. **Clin Exp Rheumatol** 1985 Jan-Mar; 3(1):5-9

Red cell metabolism in renal failure--the effect of dialysis. Chu P, et al. **Clin Lab Haematol** 1985;7(1):1-5

The effect of diet on ouabain binding to erythrocytes from obese subjects. Ash KO, et al. **Clin Physiol Biochem** 1983; 1(6):293-9

Cyclic nucleotide metabolism in the human erythrocyte. DeBari VA, et al. **Clin Physiol Biochem** 1984;2(5):227-38

Cation transport functions in vitro in patients with untreated essential hypertension: a comparison of erythrocytes and leucocytes. Boon NA, et al. **Clin Sci** 1985 May;68(5):511-5

Intracellular chloride in essential hypertension. Zidek W, et al. **Clin Sci** 1985 Jan;68(1):45-7

Unusual lipid composition of erythrocytes from the insectivorous bat Molossus molossus. Gillett MP, et al. **Comp Biochem Physiol [A]** 1985;80(2):149-50

Erythrocytic organic phosphates: diel and seasonal cycles in the frog, Rana berlandieri. Hutchison VH, et al. **Comp Biochem Physiol [A]** 1984;79(4):533-8

Glucose-1,6-P2 synthesis, phosphoglucomutase and phosphoribomutase correlate with glucose-1,6-P2 concentration in mammals red blood cells. Accorsi A, et al. **Comp Biochem Physiol [B]** 1985;80(4):839-42

Synthesis of heat shock proteins in quail red blood cells following brief, physiologically relevant increases in whole body temperature. Dean RL, et al. **Comp Biochem Physiol [B]** 1985;81(1):185-91

Biosynthesis of rainbow trout (Salmo gairdnerii) hemoglobins in vitro. Jolly JK, et al. **Comp Biochem Physiol [B]** 1984; 79(4):537-40

The p-nitrophenyl phosphatase activity of ubiquitin from bovine erythrocytes. Taniguchi N, et al. **Comp Biochem Physiol [B]** 1985;81(3):587-90

Hemoglobin, hematology, intraerythrocytic phosphates and whole blood Bohr effect from lotic and lentic Hypostomus regani populations (São Paulo-Brasil). Val AL, et al. **Comp Biochem Physiol [B]** 1985;80(4):737-41

Metabolic effects of dehydroabietic acid on rainbow trout erythrocytes. Bushnell PG, et al. **Comp Biochem Physiol [C]** 1985;81(2):391-4

Inhibition by isoproterenol of the passive potassium efflux from pigeon erythrocytes. Leskovac V, et al. **Comp Biochem Physiol [C]** 1984;78(2):475-8

Catalysis of methemoglobin reduction. Hultquist DE, et al. **Curr Top Cell Regul** 1984;24:287-300

Control of oxygen delivery from the erythrocyte by modification of pyruvate kinase. Westhead EW, et al. **Curr Top Cell Regul** 1984;24:21-34

Insulin receptor binding on red cells of hypertriglyceridemic patients. Effect of a low fat, low carbohydrate diet. Cordera R, et al. **Diabete Metab** 1985 Jun;11(3):137-40

Nonenzymatic glycosylation of erythrocytic proteins in normal and diabetic subjects. Enzymes of nucleoside and nucleotide metabolism. Agarwal KC, et al. **Diabetes** 1985 Mar;34(3):251-5

Sequential studies of glucose tolerance and red blood cell insulin receptors in normal human pregnancy. Lerario AC, et al. **Diabetes** 1985 Aug;34(8):780-6

Sorbitol accumulation is altered in type 1 (insulin-dependent) diabetes mellitus. Malone JI, et al. **Diabetologia** 1984 Nov; 27(5):509-13

myo-Inositol and sorbitol in erythrocytes from diabetic patients before and after sorbinil treatment. Popp-Snijders C, et al. **Diabetologia** 1984 Nov;27(5):514-6

Insulin binding and internalization in human and chicken erythrocytes and the role of the cell nucleus [letter] Thun C, et al. **Diabetologia** 1985 Jan;28(1):61

Acute stress stimulates the red cell sodium pump in rat. Klimeš I, et al. **Endocrinol Exp (Bratisl)** 1984 Dec; 18(4):249-53

Putative nuclear triiodothyronine receptors in tadpole erythrocytes during metamorphic climax. Galton VA, et al. **Endocrinology** 1985 Jan;116(1):99-104

Multicompartment kinetic model for lead. III. Lead in blood plasma and erythrocytes. Marcus AH. **Environ Res** 1985 Apr;36(2):473-89

Effects of sodium valproate on diazepam: kinetic profiles in plasma, erythrocytes, and different brain areas in the rat. Hariton C, et al. **Epilepsia** 1985 Jan-Feb;26(1):74-80

Red cell 2,3-DPG, ATP, and mean cell volume in highly trained athletes. Effect of long-term submaximal exercise. Brodthagen UA, et al. **Eur J Applied Physiol** 1985; 53(4):334-8

Tetrahydrobiopterin biosynthesis. Studies with specifically labeled (2H)NAD(P)H and 2H2O and of the enzymes involved. Curtius HC, et al. **Eur J Biochem** 1985 May 2; 148(3):413-9

Significance of glutathione S-conjugate for glutathione metabolism in human erythrocytes. Kondo T, et al. **Eur J Biochem** 1984 Nov 15;145(1):131-6

Regulation of the human-erythrocyte hexose-monophosphate shunt under conditions of oxidative stress. A study using NMR spectroscopy, a kinetic isotope effect, a reconstituted system and computer simulation. Thorburn DR, et al. **Eur J Biochem** 1985 Jul 15; 150(2):371-86

A glucose transfer from membrane glycoconjugates to haemoglobin in isolated young red blood cells: another biosynthetic way for glycosylated haemoglobins. Gillery P, et al. **Eur J Clin Invest** 1984 Oct;14(5):317-22

Familial benign hypercalcaemia: a possible abnormality in calcium transport by erythrocytes. Hoare SF, et al. **Eur J Clin Invest** 1984 Dec;14(6):428-30

Degradation of amyloid A and serum amyloid A by red blood cell haemolysate in patients with familial mediterranean fever. Shainkin-Kestenbaum R, et al. **Eur J Clin Invest** 1984 Oct;14(5):398-401

Pharmacokinetics of methotrexate in erythrocytes in psoriasis. Hendel J, et al. **Eur J Clin Pharmacol** 1984; 27(5):607-10

Distribution of sodium valproate in normal whole blood and in blood from patients with renal or hepatic disease. Shirkey RJ, et al. **Eur J Clin Pharmacol** 1985;28(4):447-52

Significance of erythrocyte lipid peroxidation and superoxide dismutase activity in a patient with idiopathic pulmonary haemosiderosis. Kobayashi Y, et al. **Eur J Pediatr** 1984 Nov;143(1):64-6

Effects of anesthetic and anticonvulsant drugs on calcium-dependent efflux of potassium from human erythrocytes. Caldwell KK, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):119-25

The effect of long-term treatment with spironolactone on sodium pump abnormalities in the red blood cells of patients with Bartter's syndrome. Horký K, et al. **Exp Clin Endocrinol** 1984 Jul;84(1):105-11

The penetration of Sorbinil, an aldose reductase inhibitor, into lens, aqueous humour and erythrocytes of patients undergoing cataract extraction. Crabbe MJ, et al. **Exp Eye Res** 1985 Jan;40(1):95-9

DNA synthesis by erythroid precursors in a completely defined medium: a rapid, sensitive, and convenient bioassay for erythropoietin. Rosenthal A, et al. **Exp Hematol** 1985 Mar;13(3):174-84

Purification from human plasma of endogenous sodium transport inhibitor(s). Cloix JF, et al. **Experientia** 1984 Dec 15;40(12):1380-2

Adenosine uptake in pyrimidine 5'-nucleotidase deficient human erythrocytes via a high affinity transport system. Kagimoto T, et al. **Experientia** 1985 Mar 15;41(3):366-8

Inhibitory effect of calmodulin inhibitors on palytoxin-induced K+ release from rabbit erythrocytes. Nagase H, et al. **FEBS Lett** 1984 Dec 3;178(1):44-6

Volume regulation by Amphiuma red blood cells: strategies for identifying alkali metal/H+ transport. Cala PM. **Fed Proc** 1985 Jun;44(9):2500-7

Transformations of glycolysis control characteristics in human erythrocytes during blood storage. Agranenko VA, et al. **Folia Haematol (Leipz)** 1984;111(5):614-21

Transformation of zearalenone and zearalenol by rat erythrocytes. Chang WM, et al. **Food Chem Toxicol** 1984 Nov;22(11):887-91

Alteration of Cl- transport in erythrocytes from patients with Huntington's disease. Bialas WA. **Gen Physiol Biophys** 1984 Oct;3(5):403-11

Microspectrophotometric and scanning microphotometric studies of carp (Cyprinus carpio L.) erythrocytes. Schindler JF, et al. **Histochemistry** 1985;82(5):483-9

Influence of cell age and ketoaminic linkage on rapid glycosylation of hemoglobin in human red cells in vitro. Cordera R, et al. **Horm Metab Res** 1985 Apr;17(4):201-4

Erythrocyte sodium content, sodium transport, ouabain binding capacity and Na+, K+-ATPase activity in lean and obese subjects. Hawkins M, et al. **Horm Metab Res** 1984 Jun;16(6):282-5

Insulin binding to erythrocytes in children with type I diabetes mellitus before, and after insulin treatment. Ivarsson SA, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:171-4

The erythrocyte insulin receptor response to either feeding or a short fast. McElduff A, et al. **Horm Metab Res** 1984 Jun;16(6):275-8

Insulin-specific binding to erythrocytes in 6 girls with acanthosis nigricans. Chaussain JL, et al. **Horm Res** 1984; 20(3):186-91

Effect of exercise on cation transport in human red cells. Adragna NC, et al. **Hypertension** 1985 Jan-Feb;7(1):132-9

Effect of dietary sodium reduction on red blood cell sodium concentration and sodium-lithium countertransport. Cooper R, et al. **Hypertension** 1984 Sep-Oct;6(5):731-5

Red cell cotransport activity and sodium content in black men [letter] Crook JE, et al. **Hypertension** 1985 Jul-Aug; 7(4):652-4

Low sodium cotransport in red cells with physiological internal sodium concentration in essential hypertension. Montanari A, et al. **Hypertension** 1984 Nov-Dec;6(6 Pt 1):826-31

Red cell cotransport activity and sodium content in black men. Relationship to essential hypertension. Ringel RE, et al. **Hypertension** 1984 Sep-Oct;6(5):724-30

Erythrocyte phosphate release in essential hypertension. Walter U. **Hypertension** 1985 May-Jun;7(3 Pt 1):430-7

Erythrocyte lithium transport changes induced by deoxycorticosterone acetate treatment in pigs. Weder AB, et al. **Hypertension** 1985 Jul-Aug;7(4):541-6

Effect of vibration on red cell metabolism. Andrzejak R, et al. **Int Arch Occup Environ Health** 1984;54(4):303-8

Chromium bond detection in isolated erythrocytes: a new principle of biological monitoring of exposure to hexavalent chromium. Lewalter J, et al.
Int Arch Occup Environ Health 1985;55(4):305-18

An in vitro micro-volume procedure for rapid measurement of erythrocytic hexose monophosphate shunt activity. Baird JK, et al. **Int J Biochem** 1984;16(10):1049-52

N-epsilon-acetylation of porcine mature erythrocytes ubiquitin. Zhu DX, et al. **Int J Biochem** 1985;17(6):719-21

Erythrocyte cation fluxes in essential hypertension of children and adolescents. Mongeau JG.
Int J Pediatr Nephrol 1985 Jan-Mar;6(1):41-6

Relationship between red blood cell and liver tocopherol concentration after administration and depletion of vitamin E. Mino M, et al. **Int J Vitam Nutr Res** 1985;55(1):47-51

Erythrocyte Na+-K+ cotransport in elderly hypertensive subjects. Stessman J, et al. **Isr J Med Sci** 1985 Mar; 21(3):314-6

Observations on serum and red blood cell magnesium changes in treadmill exercise-induced cardiac ischemia. Chadda KD, et al. **J Am Coll Nutr** 1985;4(2):157-63

Intraerythrocyte and plasma osmolality during graded exercise in humans. Buono MJ, et al. **J Appl Physiol** 1985 Apr;58(4):1069-72

Exercise-induced changes in blood zinc and related proteins in humans. Ohno H, et al. **J Appl Physiol** 1985 May; 58(5):1453-8

Kinetics of O2 uptake and release by human erythrocytes studied by a stopped-flow technique. Yamaguchi K, et al.
J Appl Physiol 1985 Apr;58(4):1215-24

1H NMR methods for the noninvasive study of metabolism and other processes involving small molecules in intact erythrocytes. Rabenstein DL.
J Biochem Biophys Methods 1984 Sep;9(4):277-306 (67 ref.)

Sorbitol determination by liquid chromatography: application to red blood cells of diabetic rats. Akanuma H, et al.
J Biochem (Tokyo) 1985 Feb;97(2):579-88

Further studies on the red cell glycolipids of various breeds of dogs. A possible assumption about the origin of Japanese dogs. Hashimoto Y, et al. **J Biochem (Tokyo)** 1984 Dec; 96(6):1777-82

Specific binding of cholera toxin to rat erythrocytes revealed by analysis with a fluorescence-activated cell sorter. Iwamori M, et al. **J Biochem (Tokyo)** 1985 Mar; 97(3):729-35

Phosphorus-31 nuclear magnetic resonance studies on intact erythrocytes. Determination of intracellular pH and time course changes in phosphorus metabolites. Mitsumori F.
J Biochem (Tokyo) 1985 Jun;97(6):1551-60

Rapid kinetics of the glucose transporter from human erythrocytes. Detection and measurement of a half-turnover of the purified transporter. Appleman JR, et al. **J Biol Chem** 1985 Apr 25;260(8):4575-8

Effect of bilayer cholesterol content on reconstituted human erythrocyte sugar transporter activity. Connolly TJ, et al.
J Biol Chem 1985 Mar 10;260(5):2617-20

Reversible and irreversible inhibition of phosphate transport in human erythrocytes by a membrane impermeant carbodiimide. Craik JD, et al. **J Biol Chem** 1985 Feb 25; 260(4):2404-8

The biosynthesis and fatty acid acylation of the murine erythrocyte sialoglycoproteins. Dolci ED, et al.
J Biol Chem 1985 Sep 5;260(19):10728-35

Effects of insulin receptor down-regulation on hexose transport in human erythrocytes. Dustin ML, et al.
J Biol Chem 1984 Nov 25;259(22):13660-3

Defect in insulin receptor phosphorylation in erythrocytes and fibroblasts associated with severe insulin resistance. Grigorescu F, et al. **J Biol Chem** 1984 Dec 25; 259(24):15003-6

Desensitization of the turkey erythrocyte beta-adrenergic receptor in a cell-free system. Evidence that multiple protein kinases can phosphorylate and desensitize the receptor. Nambi P, et al. **J Biol Chem** 1985 Feb 25; 260(4):2165-71

Evidence for a role of taurine in the in vitro oxidative toxicity of neutrophils toward erythrocytes. Thomas EL, et al.
J Biol Chem 1985 Mar 25;260(6):3321-9

Discrimination of Na+-independent transport systems L, T, and asc in erythrocytes. Na+ independence of the latter a consequence of cell maturation? Vadgama JV, et al.
J Biol Chem 1985 Mar 10;260(5):2912-21

Morphological and physiological factors affecting oxygen uptake and release by red blood cells. Vandegriff KD, et al. **J Biol Chem** 1984 Oct 25;259(20):12619-27

The kinetics of O2 release by human red blood cells in the presence of external sodium dithionite. Vandegriff KD, et al. **J Biol Chem** 1984 Oct 25;259(20):12609-18

Ketanserin and red blood cell sodium content in hypertension. De Cree J, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 7:S41-3

Effects of ketanserin on the intracellular concentration and transmembrane fluxes of sodium and potassium in erythrocytes of normal male subjects. Lijnen P, et al.
J Cardiovasc Pharmacol 1985;7 Suppl 7:S38-40

The osmotic response of human erythrocytes and the membrane cytoskeleton. Heubusch P, et al.
J Cell Physiol 1985 Feb;122(2):266-72

Fatty acid compositions of serum lipids, erythrocytes, and platelets in insulin-dependent diabetic women. Tilvis RS, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):741-5

Regulation of cation content and cell volume in hemoglobin erythrocytes from patients with homozygous hemoglobin C disease. Brugnara C, et al. **J Clin Invest** 1985 May; 75(5):1608-17

Race and sex differences in erythrocyte Na+, K+, and Na+-K+-adenosine triphosphatase. Lasker N, et al.
J Clin Invest 1985 Jun;75(6):1813-20

Alpha thalassemia changes erythrocyte heterogeneity in sickle cell disease. Noguchi CT, et al. **J Clin Invest** 1985 May;75(5):1632-7

Nutritional parameters affecting erythrocyte polyamine levels in cancer patients. Ota DM, et al. **J Clin Oncol** 1984 Oct; 2(10):1157-64

Erythrocyte ferritin concentration in patients with myelodysplastic syndromes [letter] Peters SW, et al.
J Clin Pathol 1985 Jan;38(1):113-4

Relative contributions of the slippage and tunneling mechanisms to anion net efflux from human erythrocytes. Fröhlich O. **J Gen Physiol** 1984 Dec;84(6):877-93

Na/Na exchange through the Na/K pump of HK sheep erythrocytes [letter] Kaplan JH, et al. **J Gen Physiol** 1984 Nov;84(5):839-44

Temperature effects on sodium pump phosphoenzyme distribution in human red blood cells. Kaplan JH, et al.
J Gen Physiol 1985 Jan;85(1):123-36

Volume-responsive sodium and proton movements in dog red blood cells. Parker JC, et al. **J Gen Physiol** 1984 Sep; 84(3):379-401

Glutaraldehyde fixation of sodium transport in dog red blood cells. Parker JC. **J Gen Physiol** 1984 Nov;84(5):789-803

Potassium influx into erythrocytes in essential hypertension. Bin Talib HK, et al. **J Hypertens** 1984 Aug;2(4):405-9

Family history of hypertension and red cell cation transport in high school students. Cooper R, et al. **J Hypertens** 1983 Aug;1(2):145-52

Racial differences in intracellular concentration and transmembrane fluxes of sodium and potassium in erythrocytes of normal male subjects.
M'Buyamba-Kabangu JR, et al. **J Hypertens** 1984 Dec; 2(6):647-51

Red cell cation transport: differences between black and white school children. Trevisan M, et al. **J Hypertens** 1983 Oct;1(3):245-9

The antihypertensive effect of calorie restriction in obese adolescents: dissociation of effects on erythrocyte countertransport and cotransport. Weder AB, et al.
J Hypertens 1984 Oct;2(5):507-14

Altered calcium and sodium metabolism in red blood cells of hypertensive man: assessment by ion-selective electrodes. Wehling M, et al. **J Hypertens** 1983 Aug; 1(2):171-6

Intracellular electrolytes during antihypertensive treatment with a loop diuretic. Zidek W, et al. **J Hypertens** 1984 Aug;2(4):393-5

Binding specificities of eight monoclonal antibodies to human glycophorin A--studies with McM, and MkEn(UK) variant human erythrocytes and M- and MNV-type chimpanzee erythrocytes. Bigbee WL, et al. **J Immunol** 1984 Dec;133(6):3149-55

Complement-mediated hemolytic activity of succinylated concanavalin A: preparation and activity of cell intermediates. Langone JJ, et al. **J Immunol** 1985 Feb; 134(2):1110-4

Membrane complement receptor type three (CR3) has lectin-like properties analogous to bovine conglutinin as functions as a receptor for zymosan and rabbit erythrocytes as well as a receptor for iC3b. Ross GD, et al.
J Immunol 1985 May;134(5):3307-15

Relationship between morphologic characteristics of sickle cells and method of deoxygenation. Asakura T, et al.
J Lab Clin Med 1984 Dec;104(6):987-94

Dehydration and delayed proton equilibria of red blood cells suspended in isosmotic phosphate buffers. Implications for studies of sickled cells. Bookchin RM, et al.
J Lab Clin Med 1984 Dec;104(6):855-66

Comment on increased erythrocyte susceptibility to lipid peroxidation in myeloproliferative disorders [letter] Das Gupta A, et al. **J Lab Clin Med** 1984 Dec;104(6):1035-6

Does an unfavorable metabolic environment for red cells develop within the cat spleen when abnormal cells become trapped? Groom AC, et al. **J Lab Clin Med** 1985 Feb; 105(2):209-13

Binding of 125I-alpha toxin of Staphylococcus aureus to erythrocytes. Phimister GM, et al. **J Med Microbiol** 1984 Oct;18(2):197-204

Effect of metabolic depletion on the furosemide-sensitive Na and K fluxes in human red cells. Dagher G, et al.
J Membr Biol 1985;86(2):145-55

Measurement and stoichiometry of bumetanide-sensitive (2Na:1K:3Cl) cotransport in ferret red cells. Hall AC, et al. **J Membr Biol** 1985;85(3):205-13

Asymmetrical binding of phloretin to the glucose transport system of human erythrocytes. Krupka RM.
J Membr Biol 1985;83(1-2):71-80

Reaction of the glucose carrier of erythrocytes with sodium tetrathionate: evidence for inward-facing and outward-facing carrier conformations. Krupka RM.
J Membr Biol 1985;84(1):35-43

Rat erythrocyte insulin receptors: radioreceptor assay and characterization. Ogunwole JO, et al.
J Natl Med Assoc 1985 Feb;77(2):119-28

Insulin binding to erythrocytes in insulin dependent diabetics with different insulin requirement and insulin antibody titre. Turco GL, et al. **J Nucl Med Allied Sci** 1984 Jul-Sep; 28(3):149-55

Zinc content of blood cellular components and lymph node and spleen lymphocytes in severely zinc-deficient rats. Milne DB, et al. **J Nutr** 1985 Aug;115(8):1073-8

Effects of vitamin E in kid erythrocytes on Tween 20-induced hemolysis in vitro. Hodate K, et al.
J Nutr Sci Vitaminol (Tokyo) 1984 Dec;30(6):509-14

Comparative changes in plasma and RBC alpha-tocopherol after administration of dl-alpha-tocopheryl acetate and d-alpha-tocopherol. Ogihara T, et al.
J Nutr Sci Vitaminol (Tokyo) 1985 Apr;31(2):169-77

Binedaline binding to plasma proteins and red blood cells in humans. Morin D, et al. **J Pharm Sci** 1985 Jul; 74(7):727-30

Role of hemoglobin in the differential biotransformation of glyceryl trinitrate and isosorbide dinitrate by human erythrocytes. Bennett BM, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):228-32

A transient sodium-hydrogen exchange system induced by catecholamines in erythrocytes of rainbow trout, Salmo gairdneri. Baroin A, et al. **J Physiol (Lond)** 1984 Nov; 356:21-31

Abnormal red cell sodium content and efflux in Japanese patients with essential hypertension. Saito K, et al.
Jpn Circ J 1984 Sep;48(9):980-7

Numerical solution of partial differential equations for CO2 diffusion accompanying HCO3- shift in red blood cells. Kagawa T, et al. **Jpn J Physiol** 1984;34(6):1029-47

Change in PCO2 in red cell suspension following bicarbonate shift. Shimouchi A, et al. **Jpn J Physiol** 1984;34(6):1015-27

Red cell Na+ -K+ transport in various forms of human hypertension. Role of cardiovascular risk factors and plasma potassium. Behr J, et al. **Klin Wochenschr** 1985;63 Suppl 3:63-5

Na+-Li+ countertransport in human erythrocytes--effects of hypokalaemia, oral contraceptives and antihypertensive medication. Beuckelmann D, et al. **Klin Wochenschr** 1985; 63 Suppl 3:139-42

Measurement of erythrocyte sodium and calcium efflux kinetics in man, and application to hypertension. Bramley PM, et al. **Klin Wochenschr** 1985;63 Suppl 3:12-5

The regulation of Na-K cotransport system and essential hypertension. Canessa M, et al. **Klin Wochenschr** 1985;63 Suppl 3:52-4

Erythrocyte Na+ transport systems in three strains of genetically hypertensive rats. de Mendonca M, et al.
Klin Wochenschr 1985;63 Suppl 3:66-9

The relation of sodium transport to blood pressure in the adrenalectomized rat. Friedman SM. **Klin Wochenschr** 1985;63 Suppl 3:55-8

A classification of essential hypertensive patients according to the erythrocyte Na transport abnormalities: an application for monitoring the antihypertensive response to cicletanide. Garay R, et al. **Klin Wochenschr** 1985;63

Suppl 3:30-2

Blood pressure and intracellular electrolytes during weight reduction. Karoff C, et al. **Klin Wochenschr** 1985;63 Suppl 3:129-31

Effect of salt depletion on sodium ion transport from human erythrocytes. Krzesinski JM, et al. **Klin Wochenschr** 1985; 63 Suppl 3:45-8

Alterations in red cell cation transport in hypertensive disorders of pregnancy. Logan AG, et al. **Klin Wochenschr** 1985;63 Suppl 3:16-9

Raised sodium pump activity and a circulating sodium transport inhibitor demonstrated on red blood cells of patients with untreated essential hypertension: correlation of pump activity with potassium permeability. Skrabal F, et al. **Klin Wochenschr** 1985;63 Suppl 3:117-21

Essential hypertension versus secondary hypertension: discrimination by intracellular electrolytes. Spieker C, et al. **Klin Wochenschr** 1985;63 Suppl 3:20-2

Altered erythrocyte cation transport related to hypertension or oral contraception. Stokes GS, et al. **Klin Wochenschr** 1985;63 Suppl 3:42-4

Peripheral effects of thyroid hormones: alteration of intracellular Na-concentration, ouabain-sensitive Na-transport, and Na-Li countertransport in human red blood cells. Sütterlin U, et al. **Klin Wochenschr** 1984 Jun 15;62(12):598-601

New aspects concerning the 22sodium influx into red cells in essential hypertension. Wessels F, et al. **Klin Wochenschr** 1985;63 Suppl 3:38-41

Intracellular sodium and calcium during antihypertensive treatment. Zidek W, et al. **Klin Wochenschr** 1985;63 Suppl 3:147-9

Elevation of red cell sodium-lithium countertransport in hyperlipidemias. Corrocher R, et al. **Life Sci** 1985 Feb 18; 36(7):649-55

Modulation of erythrocyte Na transport pathway(s) by excess Na intake. Dagher G, et al. **Life Sci** 1985 Jul 22; 37(3):243-53

Relationship between red blood cell uptake and methemoglobin production by nitrobenzene and dinitrobenzene in vitro. Goldstein RS, et al. **Life Sci** 1985 Jan 14;36(2):121-5

Uptake and/or binding of tricyclic antidepressants in human red cells. Javaid JI, et al. **Life Sci** 1985 May 6;36(18):1761-9

Racial differences in bumetanide-sensitive cotransport and N-ethylmaleimide-stimulated potassium efflux. Weder AB, et al. **Life Sci** 1985 May 13;36(19):1813-8

Encapsulation of a hemoglobin allosteric effector in erythrocytes: in vivo results. Teisseire B, et al. **Life Support Syst** 1984 Oct-Dec;2(4):277-80

Essential fatty acids in plasma, red blood cells and liver phospholipids in common laboratory animals as compared to humans. Horrobin DF, et al. **Lipids** 1984 Oct; 19(10):806-11

Red blood cell tocopherol and liver tocopherol in hyperlipemic rats as compared with plasma tocopherol. Mino M, et al. **Lipids** 1985 Jul;20(7):488-91

The relationship between sialic acid content and peanut agglutinin binding on senescent and enzyme treated human erythrocytes. Skutelsky E, et al. **Mech Ageing Dev** 1985 Jun;31(1):13-23

Red cell glutathione in Leber's optic atrophy. Cotticelli L, et al. **Metab Ophthalmol** 1984-85;8(1):31-4

Diminished insulin receptors on monocytes and erythrocytes in hypertriglyceridemia. Bieger WP, et al. **Metabolism** 1984 Nov;33(11):982-7

Vitamin E and red blood cell glutathione. Costagliola C, et al. **Metabolism** 1985 Aug;34(8):712-4

Evidence for coordinate genetic control of Na,K pump density in erythrocytes and lymphocytes. DeLuise M, et al. **Metabolism** 1985 Aug;34(8):771-6

Increased erythrocyte sodium efflux during overfeeding without evidence of mediation by circulating catecholamines or thyroid hormone. Fagerberg B, et al. **Metabolism** 1984 Nov;33(11):994-8

Erythrocyte heat production in human obesity: microcalorimetric investigation of sodium-potassium pump and cell metabolism. Monti M, et al. **Metabolism** 1985 Feb; 34(2):183-7

Altered erythrocyte Na-K pump in anorectic patients. Pasquali R, et al. **Metabolism** 1985 Jul;34(7):670-4

Calcium, parathyroid hormone and phospholipid turnover of human red blood cells. Brautbar N, et al. **Miner Electrolyte Metab** 1985;11(2):111-6

13C NMR studies of glycolysis in intra- and extra-erythrocytic Babesia microti. Mackenzie NE, et al. **Mol Biochem Parasitol** 1984 Sep;13(1):13-20

A reevaluation of the status of cholesterol in erythrocytes infected by Plasmodium knowlesi and P. falciparum. Vial HJ, et al. **Mol Biochem Parasitol** 1984 Sep;13(1):53-65

Non-immune interaction of erythrophilic IgG fractions with human red blood cells. Dagan S, et al. **Mol Cell Biochem** 1985 Feb;66(1):5-11

Export of cyclic AMP from avian red cells. Independence from major membrane transporters and specific inhibition by prostaglandin A. Heasley LE, et al. **Mol Pharmacol** 1985 Jan;27(1):60-5

Appearance of new variants of membrane skeletal protein 4.1 during terminal differentiation of avian erythroid and lenticular cells. Granger BL, et al. **Nature** 1985 Jan 17-23; 313(5999):238-41

Abnormal erythrocyte pyrimidine nucleotides in uremic subjects. Angle CR, et al. **Nephron** 1985;39(3):169-74

Oxygen affinity of erythrocytes and pulmonary gas exchange in patients on continuous ambulatory peritoneal dialysis. Blumberg A, et al. **Nephron** 1984;38(4):248-52

Possible relation between RBC protoporphyrin and aluminum intoxication? [letter] Drüeke T, et al. **Nephron** 1984;38(4):280

Sialic acid content of erythrocytes in uremic patients. Correlation with the age distribution of erythrocytes as assessed by glutamic oxaloacetic transaminase determination. Gafter U, et al. **Nephron** 1985;40(4):463-6

Acute effects of hemodialysis on erythrocyte sodium fluxes in uremic patients. Quarello F, et al. **Nephron** 1985; 41(1):22-5

Effect of hemodialysis on plasma and erythrocyte phenylalanine levels in end-stage kidney patients. Stepniewski M, et al. **Nephron** 1985;39(3):189-93

Erythrocyte lithium transport in bipolar affective disorders. The effect of membrane transport inhibitors. Werstiuk ES, et al. **Neuropsychobiology** 1984;12(2-3):86-92

Analysis of chromatin changes associated with the expression of globin and non-globin genes in cell hybrids between erythroid and other cells. Affara N, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5629-44

Multiple sequence-specific DNA binding activities are eluted from chicken nuclei at low ionic strengths. Plumb MA, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):4047-65

Insulin binding to erythrocytes as a function of energy status. **Nutr Rev** 1985 Jun;43(6):174-6

The inhibition of bovine lens aldose reductase by Clinoril, its absorption into the human red cell and its effect on human red cell aldose reductase activity. Crabbe MJ, et al. **Ophthalmic Res** 1985;17(2):85-9

Basic ferritin content of red cells of patients with anemia and polycythemia vera. Van der Weyden MB, et al. **Pathology** 1984 Oct;16(4):419-23

Cl- permeabilities in red blood cells and peripheral blood lymphocytes from cystic fibrosis and control subjects. Boucher RC, et al. **Pediatr Res** 1984 Dec;18(12):1336-9

Fixed acid and carbon dioxide Bohr effects as functions of hemoglobin-oxygen saturation and erythrocyte pH in the blood of the frog, Rana temporaria. Wells RM, et al. **Pflugers Arch** 1985 Jan;403(1):7-12

Erythrocyte and liver characteristics in low and high glutathione Finn sheep. Faik A, et al. **Pharmacol Res Commun** 1985 Jan;17(1):23-32

Inhibition of the erythrocyte calcium-sensitive potassium channel by probucol. Howland JL, et al. **Pharmacol Res Commun** 1984 Nov;16(11):1057-64

Methylphenidate, but not other CNS stimulants, inhibits red blood cell calcium-activated potassium efflux. Lackington I, et al. **Pharmacol Res Commun** 1985 Jan;17(1):63-8

Treatment of erythropoietic protoporphyria with beta-carotene. Mathews-Roth MM. **Photodermatol** 1984 Dec;1(6):318-21

Ontogeny of hamster hemoglobins in yolk-sac erythroid cells in vivo and in culture. Boussios T, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2794-8

Differentiation of human erythroid cells is associated with increased O-glycosylation of the major sialoglycoprotein, glycophorin A. Gahmberg CG, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6752-6

Glucose transport protein is structurally and immunologically related to band 3 and senescent cell antigen. Kay MM. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1731-5

23Na and 39K NMR studies of ion transport in human erythrocytes. Ogino T, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1099-103

Pharmacological manipulation of 2,3 DPG levels and oxygen affinity. Farber MO. **Prog Clin Biol Res** 1984;165:263-77

Role of glycolysis in deoxyadenosine induced ATP depletion and dATP accumulation in red cells. Koller CA, et al. **Prog Clin Biol Res** 1984;165:227-39

Aging of rat erythrocytes: differences in genetically high and low 2,3-DPG rat lines. Noble NA, et al. **Prog Clin Biol Res** 1984;165:241-61

Red cell nucleotide abnormalities. Paglia DE, et al. **Prog Clin Biol Res** 1984;165:213-25

Erythrocyte lithium efflux in bipolar patients and control subjects: the question of reproducibility. Werstiuk ES, et al. **Psychiatry Res** 1984 Oct;13(2):175-85

Choline flux in human erythrocytes. Jope RS, et al. **Psychopharmacol Bull** 1984 Fall;20(4):674-80

Osmotic fragility of drug carrier erythrocytes. Sprandel U, et al. **Res Exp Med (Berl)** 1985;185(1):77-85

Breed and species comparison of amino acid transport variation in equine erythrocytes. Fincham DA, et al. **Res Vet Sci** 1985 May;38(3):346-51

Kinetics of O2 uptake and release by red cells in stopped-flow apparatus: effects of unstirred layer. Holland RA, et al. **Respir Physiol** 1985 Jan;59(1):71-91

Red cell organic phosphates and Bohr effects in house sparrow blood. Maginniss LA. **Respir Physiol** 1985 Jan; 59(1):93-103

Quality control of insulin radioreceptor assay for human erythrocytes. Effect of ageing of mono-125I-Tyr-A14-insulin preparation. Marttinen A, et al. **Scand J Clin Lab Invest** 1984 Sep;44(5):401-8

Binding of tyrosine-A-14(125I)-monoiodoinsulin to human erythrocytes. Pettersson K, et al. **Scand J Clin Lab Invest** 1984 Sep;44(5):393-400

Quantitation of H+-ions relating to packed erythrocytes in blood from the spleen and the inferior vena cava in rats. Torp HE. **Scand J Haematol [Suppl]** 1985;42:17-22

A method for quantitation of H+-ion activity relating to packed erythrocytes. Torp HE. **Scand J Haematol [Suppl]** 1985;42:5-15

Binding of amantadine to red blood cells. Daugirdas JT, et al. **Ther Drug Monit** 1984;6(4):399-401

Red blood cell electrolytes for monitoring digoxin therapy in adults. van Boxtel CJ, et al. **Ther Drug Monit** 1985; 7(2):191-6

Some red blood cell abnormalities in patients with liver cirrhosis and ascites. I. Red blood cell sodium, potassium and water content. Afifi F. **Tohoku J Exp Med** 1985 Jan; 145(1):7-14

Decreased binding of insulin to erythrocytes in myotonic dystrophy. Sakai K, et al. **Tohoku J Exp Med** 1985 Jun; 146(2):193-9

The origin of metallothionein in red blood cells. Tanaka K, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):63-8

Interaction of acrylamide with glutathione in rat erythrocytes. Dixit R, et al. **Toxicol Lett** 1984 Dec; 23(3):291-8

In vivo effects of nitrogen dioxide on the blood nitrate level and the Na+,K+-ATPase activity of red blood cells of rats. Tsujii N, et al. **Toxicol Lett** 1985 Jan;24(1):59-63

The reduction of chromium (VI) to chromium (III) by glutathione: an intracellular redox pathway in the metabolism of the carcinogen chromate. Wiegand HJ, et al. **Toxicology** 1984 Dec;33(3-4):341-8

Electrolyte composition and equilibrium in hemoglobin CC red blood cells. Brugnara C, et al. **Trans Assoc Am Physicians** 1984;97:104-12

Insufflated red cells protect lungs from hyperoxic damage: role of red cell glutathione in scavenging toxic O2 radicals. van Asbeck S, et al. **Trans Assoc Am Physicians** 1984; 97:365-8

Incorporation of plasticizer into red cells during storage. Rock G, et al. **Transfusion** 1984 Nov-Dec;24(6):493-8

Metabolism of insulin in erythrocytes from renal failure patients on maintenance hemodialysis. Nerurkar SG, et al. **Uremia Invest** 1984-85;8(2):103-9

Maternal blood total oxypurines and erythrocyte 2,3-diphosphoglycerate levels during normal pregnancy. Mizutani S, et al. **Z Geburtshilfe Perinatol** 1985 Jan-Feb; 189(1):34-6

Influence of muzolimine and other diuretics on human red cell Na+, K+-cotransport. Knorr A, et al. **Z Kardiol** 1985; 74 Suppl 2:175-8

The effect of training and physical exercise on the energetic metabolism of equine erythrocytes. Debski B. **Zentralbl Veterinarmed [A]** 1985 Mar;32(3):190-5

[Comparison of the binding of nitrazepam and diazepam to erythrocytes in selected mammalian species] Lamka J, et al. **Cesk Farm** 1984 Dec;33(10):420-4 (Eng. Abstr.) **(Cze)**

[Influence of lithium on magnesium levels in the plasma, erythrocytes and brain of rats] Scotto di Tella AM, et al. **Encephale** 1984;10(6):273-7 (Eng. Abstr.) **(Fre)**

[Changes in the plasma and erythrocyte concentrations of rubidium in patients with renal failure] Allain P, et al. **Presse Med** 1984 Oct 20;13(37):2249-51 (Eng. Abstr.) **(Fre)**

[Disorders of the erythrocyte oxidation state in Plasmodium falciparum malaria treated with chloroquine (letter)] Dupouy-Camet J, et al. **Presse Med** 1985 Apr 27; 14(17):979-80 **(Fre)**

[Evaluation of the folacin status in children with regard to the cobalamin and iron status. 1. Changes in the differential blood picture as a function of the vitamin and ferritin levels of the serum vs. erythrocytes] Hages M, et al. **Int J Vitam Nutr Res** 1985;55(1):59-67 (Eng. Abstr.) **(Ger)**

[Evaluation of the folacin status in children with regard to the cobalamin and iron status. 2. Incidence and severity of folate deficiency] Hages M, et al. **Int J Vitam Nutr Res** 1985;55(1):69-77 (Eng. Abstr.) **(Ger)**

[Liver cirrhosis in erythropoetic protoporphyria: erythrohepatic protoporphyria] Doss M, et al. **Internist (Berlin)** 1985 Jul;26(7):441-5 **(Ger)**

[The detection of gold atoms in lymphocyte and erythrocyte chromatin following therapy with 2 different gold compounds in patients with chronic polyarthritis] Bröll H, et al. **Wien Klin Wochenschr [Suppl]** 1984;156:16 **(Ger)**

[Degradative pathways of glucose 1,6-diphosphate in human erythrocytes] Ninfali P, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1667-9 (Eng. Abstr.) **(Ita)**

[Biochemical changes in the liver and erythrocytes of rats exposed to chronic enthrane poisoning] Leoni L, et al. **Minerva Anestesiol** 1984 Jun;50(6):359-64 **(Ita)**

[Assay of erythrocyte ATP by chemoluminescence. Protective action induced by pentoxifylline on the depletion of energy from stored erythrocytes] Acciavatti A, et al. **Ric Clin Lab** 1985;15 Suppl 1:505-13 (Eng. Abstr.) **(Ita)**

[Creatine concentration in the erythrocytes of patients with hemolytic anemia] Grochowska A, et al. **Acta Haematol Pol** 1984 Jan-Jun;15(1-2):57-63 (Eng. Abstr.) **(Pol)**

[Erythrocyte protoporphyrin IX in occupational exposure to asbestos] Stankiewicz A. **Med Pr** 1984;35(5):351-4 (Eng. Abstr.) **(Pol)**

[Inositol in the cerebrospinal fluid, plasma and erythrocytes in spinal pain syndromes] Maciejek Z, et al. **Neurol Neurochir Pol** 1984 Mar-Apr;18(2):125-30 (Eng. Abstr.) (Pol)

[Correlation between the C3 fraction of complement and magnesium levels in the erythrocytes and blood serum of patients with juvenile-onset diabetes mellitus] Tuszkiewicz-Misztal E, et al. **Pediatr Pol** 1984 Dec; 59(12):979-84 (Pol)

[H3-cholesterol distribution in the erythrocytes and serum lipoproteins in patients with chronic renal failure] Zdrojewski Z. **Pol Arch Med Wewn** 1984 Apr;71(4):249-56 (Eng. Abstr.) (Pol)

[Buffer systems, protein and electrolyte levels and erythrocyte indices in calves fed with beestings and milk substitutes] Hejlasz Z, et al. **Pol Arch Weter** 1984; 24(2):229-37 (Eng. Abstr.) (Pol)

[Effect of smoking on the erythrocyte system] Michalczak W, et al. **Wiad Lek** 1984 Aug 1;37(15):1191-4 (35 ref.) (Pol)

[Sodium, potassium adenosine triphosphatase activity and sodium and potassium concentrations in the erythrocytes in normal pregnancy and in EPH-gestosis] Zajac I. **Wiad Lek** 1984 Apr 15;37(8):601-6 (Eng. Abstr.) (Pol)

[Possibility of the evaluation of the functional activity of human erythrocytes using the 31P-NMR method] Knubovets TL, et al. **Biofizika** 1984 Nov-Dec;29(6):1010-3 (Eng. Abstr.) (Rus)

[The 2,3-diphosphoglycerate shunt and stabilization of the ATP level in mammalian erythrocytes] Ataullakhanov AI, et al. **Biokhimiia** 1985 Jun;50(6):1005-11 (Eng. Abstr.) (Rus)

[Turnover of the amino sugars of erythrocyte and thrombocyte glycoproteins in rats maintained on different carbohydrate diets] Gapparov MM, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):21-3 (Eng. Abstr.) (Rus)

[Insulin-depositing function of peripheral blood erythrocytes in rats that have sustained severe craniocerebral injury] Red'kin IuV, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):17-9 (Eng. Abstr.) (Rus)

[Characteristics of the metabolism of erythrocytes in pregnant women with anemia] D'iakova NG. **Gematol Transfuziol** 1985 Jun;30(6):37-42 (Eng. Abstr.) (Rus)

[Role of the 2,3-diphosphoglycerate shunt in regulating energy metabolism in human erythrocytes] Kholodenko BN, et al. **Izv Akad Nauk SSSR [Biol]** 1985 Mar-Apr; (2):196-205 (Eng. Abstr.) (Rus)

[Lipid peroxidation and superoxide dismutase activity in the erythrocytes of young children with pneumonia] Reznik BIa, et al. **Pediatriia** 1984 Sep;(9):16-9 (Eng. Abstr.) (Rus)

[Lipid peroxidation in erythrocytes of patients with diabetes mellitus and diabetic angiopathies] Efimov AS, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):6-9 (Eng. Abstr.) (Rus)

[Effect of thyroxine on methemoglobin content and the activity of antioxidant enzymes of human erythrocytes in vitro] Sal'nikova LA, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):81-4 (Eng. Abstr.) (Rus)

[Lipid peroxidation products in the blood of patients with acute myocardial infarction treated and untreated with the antioxidant dibunol] Churakova TD, et al. **Vestn Akad Med Nauk SSSR** 1985;(4):71-4 (Eng. Abstr.) (Rus)

[Metabolic disorders and functional properties of erythrocytes in acute arterial obstruction of the extremities] Kliachkin ML, et al. **Vestn Khir** 1984 Dec;133(12):37-9 (Eng. Abstr.) (Rus)

[Clinical role of lipid metabolism indices in the plasma and erythrocytes in progressive muscular dystrophies] Badalian LO, et al. **Vopr Med Khim** 1985 May-Jun;31(3):81-5 (Eng. Abstr.) (Rus)

[Distribution of free amino acid in blood plasma and erythrocytes in Becker-Kiner muscular dystrophy] Badalian LO, et al. **Vopr Med Khim** 1984 Jul-Aug; 30(4):132-6 (Eng. Abstr.) (Rus)

[Free radical oxidation of lipids and erythrocyte stability to hemolysis in healthy and sick children] Iurkov IuA, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):101-6 (Eng. Abstr.) (Rus)

[Characteristics of hemoglycolysis in patients with chronic ischemic heart disease complicated by circulatory insufficiency] Zakharova NB, et al. **Vopr Med Khim** 1985 Jan-Feb;31(1):111-4 (Eng. Abstr.) (Rus)

[The oxygen-transport function of erythrocytes in atelectasis] Chukhrienko ND. **Vrach Delo** 1985 Apr;(4):59-61 (Eng. Abstr.) (Rus)

[Characteristics of erythrocyte energy metabolism in ischemic heart disease patients] Luk'ianov VF, et al. **Vrach Delo** 1984 Oct;(10):51-3 (Eng. Abstr.) (Rus)

[Erythrocytic hemostasis and microcirculation in patients with chronic ischemic heart disease] Topchii II, et al. **Vrach Delo** 1985 Mar;(3):21-5 (Rus)

[Erythrocyte metabolism in patients with acute leukemia and a deficiency of the enzyme pyruvate kinase] Labar B, et al. **Lijec Vjesn** 1984 Nov-Dec;106(11-12):447-51 (Eng. Abstr.) (Scr)

[The effect of psychopharmacologic agents on the passive transport of Ca2+ induced by vanadate in human erythrocytes] Pogády J, et al. **Bratisl Lek Listy** 1985 Apr; 83(4):345-52 (Eng. Abstr.) (Slo)

[The effect of psychopharmacologic agents on potassium efflux induced by an increase in intracellular calcium in human erythrocytes] Varečka L, et al. **Bratisl Lek Listy** 1984 Aug;82(2):919-26 (Eng. Abstr.) (Slo)

MICROBIOLOGY

Identification of the major human sialoglycoprotein from red cells, glycophorin AM, as the receptor for Escherichia coli IH 11165 and characterization of the receptor site. Jokinen M, et al. **Eur J Biochem** 1985 Feb 15;147(1):47-52

Enhancement of Vibrio parahaemolyticus virulence by lysed erythrocyte factor and iron. Karunasagar I, et al. **Infect Immun** 1984 Oct;46(1):141-4

N-Acetylneuraminyllactosylceramide, GM3-NeuAc, a new influenza A virus receptor which mediates the adsorption-fusion process of viral infection. Binding specificity of influenza virus A/Aichi/2/68 (H3N2) to membrane-associated GM3 with different molecular species of sialic acid. Suzuki Y, et al. **J Biol Chem** 1985 Feb 10;260(3):1362-5

src- and fps-containing avian sarcoma viruses transform chicken erythroid cells. Kahn P, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7122-6

Studies on the mechanism of adhesion of Gardnerella vaginalis to human erythrocytes. Ison CA, et al. **Scand J Urol Nephrol [Suppl]** 1984;86:191-3

Neuraminic acid is involved in the binding of influenza C virus to erythrocytes. Herrler G, et al. **Virology** 1985 Feb; 141(1):144-7

Membrane-bound antiviral antibodies as receptors for Sendai virions in receptor-depleted erythrocytes. Nussbaum O, et al. **Virology** 1984 Oct 30;138(2):185-97

[Ultramicroscopic observations of African swine plague virus in swine erythrocytes] Rodrigues LC, et al. **An Microbiol (Rio De J)** 1982;27:221-6 (Eng. Abstr.) (Por)

PARASITOLOGY

Babesiosis: problems in diagnosis using autoanalyzers. Bruckner DA, et al. **Am J Clin Pathol** 1985 Apr;83(4):520-1

Human cerebral malaria. A quantitative ultrastructural analysis of parasitized erythrocyte sequestration. MacPherson GG, et al. **Am J Pathol** 1985 Jun; 119(3):385-401

Lack of inhibitory effects of alpha 1-acid glycoprotein (orosomucoid) on Plasmodium falciparum invasion of human erythrocytes. Gupta SK, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):441-6

A rapid staining procedure for Anaplasma marginale in bovine erythrocytes. Donovan-Myhand J, et al. **Am J Vet Res** 1984 Oct;45(10):2143-4

Ultrastructure of the intraerythrocytic stage of Cytauxzoon felis. Simpson CF, et al. **Am J Vet Res** 1985 May; 46(5):1178-80

An improved method of assaying for human erythrocyte invasion by Plasmodium falciparum. Shyamala V. **Ann Trop Med Parasitol** 1985 Jun;79(3):333-5

Erythrocyte invasion by malaria (Plasmodium falciparum) merozoites: recent advances in the evaluation of receptor sites. Hermentin P, et al. **Behring Inst Mitt** 1984 Nov; (76):121-41 (69 ref.)

Plasmodium falciparum in vitro: diminished growth in hemoglobin H disease erythrocytes. Ifediba TC, et al. **Blood** 1985 Feb;65(2):452-5

Recent advances in malaria parasite cultivation and their application to studies on host-parasite relationships: a review. Trigg PI. **Bull WHO** 1985;63(2):387-98 (94 ref.)

Trypanosoma musculi: population dynamics of erythrocytes and leukocytes during the course of murine infections. Duffey LM, et al. **Exp Parasitol** 1985 Jun;59(3):375-89

Plasmodium falciparum: carbohydrates as receptor sites of invasion. Hermentin P, et al. **Exp Parasitol** 1984 Dec; 58(3):290-306

Plasmodium falciparum: invasion and development in highly parasitized cultures. Raventos-Suarez C. **In Vitro Cell Dev Biol** 1985 Mar;21(3 Pt 1):161-4

The effect of mitomycin C treatment of infected erythrocytes on infection with Babesia microti and Babesia rodhaini in mice. Meeusen E, et al. **Int J Parasitol** 1985 Feb;15(1):65-9

Human erythrocytes adhering to schistosomula of Schistosoma mansoni lyse and fail to transfer membrane components to the parasite. Caulfield JP, et al. **J Cell Biol** 1985 Jul;101(1):158-66

Pyrimidine de novo synthesis during the life cycle of the intraerythrocytic stage of Plasmodium falciparum. Gero AM, et al. **J Parasitol** 1984 Aug;70(4):536-41

In vitro isolation of Plasmodium chabaudi merozoites by continuous flow ultrasound, cell sieving, concanavalin A-affinity chromatography and poly-L-lysine coated bead support columns. Sterling CR. **J Parasitol** 1984 Dec; 70(6):945-54

New observations on gametogenesis, fertilization, and zygote transformation in Plasmodium gallinaceum. Aikawa M, et al. **J Protozool** 1984 Aug;31(3):403-13

Interactions of Plasmodium berghei-infected erythrocytes with complement. Schetters TP, et al. **J Protozool** 1985 May;32(2):321-5

An in vitro assay for sequestration: binding of Plasmodium falciparum-infected erythrocytes to formalin-fixed endothelial cells and amelanotic melanoma cells. Udeinya IJ, et al. **J Protozool** 1985 Feb;32(1):88-90

The effects of aspirin-containing serum in the continuous culture of Plasmodium falciparum. Whaun JM. **J Protozool** 1984 Aug;31(3):381-4

Effects of chloroquine on the feeding mechanism of the intraerythrocytic human malarial parasite Plasmodium falciparum. Yayon A, et al. **J Protozool** 1984 Aug; 31(3):367-72

Wrb negative erythrocytes are susceptible to invasion by malaria parasites [letter] Facer CA, et al. **Lancet** 1984 Sep 29;2(8405):758-9

Wright's b determinant, monoclonal antibodies, and Plasmodium falciparum merozoite invasion [letter] Schulman S, et al. **Lancet** 1984 Oct 20;2(8408):934-5

Selective stage-specific changes in the permeability to small hydrophilic solutes of human erythrocytes infected with Plasmodium falciparum. Elford BC, et al. **Mol Biochem Parasitol** 1985 Jun;16(1):43-60

Characterization of permeation pathways appearing in the host membrane of Plasmodium falciparum infected red blood cells. Ginsburg H, et al. **Mol Biochem Parasitol** 1985 Mar;14(3):313-22

The Fab fragments of monoclonal IgG to a merozoite surface antigen inhibit Plasmodium knowlesi invasion of erythrocytes. Thomas AW, et al. **Mol Biochem Parasitol** 1984 Oct;13(2):187-99

Time-course of synthesis, transport and incorporation of a protein identified in purified membranes of host erythrocytes infected with a knob-forming strain of Plasmodium falciparum. Vernot-Hernandez JP, et al. **Mol Biochem Parasitol** 1984 Jul;12(3):337-50

Adaptation of Plasmodium falciparum to glucose 6-phosphate dehydrogenase-deficient host red cells by production of parasite-encoded enzyme. Usanga EA, et al. **Nature** 1985 Feb 28-Mar 6;313(6005):793-5

Electron microscopy of Theileria sergenti in bovine erythrocytes. Higuchi S, et al. **Nippon Juigaku Zasshi** 1984 Oct;46(5):745-8

Intraerythrocytic schizogony of Theileria annulata. Conrad PA, et al. **Parasitology** 1985 Aug;91 (Pt 1):67-82

The importance of parasite load in the killing of Plasmodium vinckei in mice treated with Corynebacterium parvum or alloxan monohydrate. Cox FE, et al. **Parasitology** 1984 Dec;89 (Pt 3):417-24

In vitro formation of ookinetes and functional maturity of Plasmodium berghei gametocytes. Janse CJ, et al. **Parasitology** 1985 Aug;91 (Pt 1):19-29

Elleipsisoma thomsoni Franca, 1912: an Apicomplexan parasite in the red blood cells of the mole (Talpa europaea). Mohamed HA, et al. **Parasitology** 1984 Dec;89 (Pt 3):407-15

In vitro inhibition of Plasmodium falciparum merozoite invasion by human plasma fibronectin. Ouaissi MA, et al. **Parasitology** 1985 Apr;90 (Pt 2):227-36

Receptors on red cells for Plasmodium falciparum and their interaction with merozoites. Pasvol G. **Philos Trans R Soc Lond [Biol]** 1984 Nov 13; 307(1131):189-200 (50 ref.)

Oxidative stress and protective mechanisms in erythrocytes in relation to Plasmodium vinckei load. Stocker R, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):548-51

Antimalarial red cells. Eaton JW, et al. **Prog Clin Biol Res** 1984;165:395-412 (56 ref.)

Isolation of the gene for a glycophorin-binding protein implicated in erythrocyte invasion by a malaria parasite. Ravetch JV, et al. **Science** 1985 Mar 29;227(4694):1593-7

Morphological changes in Trypanosoma brucei rhodesiense following inhibition of polyamine biosynthesis in vivo. de Gee AL, et al. **Tissue Cell** 1984;16(5):731-8

Altered red cell membrane fluidity during schizogonic development of malarial parasites (Plasmodium falciparum and P. lophurae). Sherman IW, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):641-4

Virulence of plasmodium yoelii line YM is caused by altered preference for parasitized and unparasitized immature and mature erythrocytes. Büngener W. **Trop Med Parasitol** 1985 Mar;36(1):43-5

Ultrastructural observations of the intra-erythrocytic merozoite in Theileria sergenti. Uchida TA, et al. **Trop Med Parasitol** 1985 Mar;36(1):35-8

Immunoelectrophoretic analysis of erythrocytic stages of Plasmodium yoelii and P. chabaudi. Carlsson J, et al. **Z Parasitenkd** 1984;70(5):599-608

Gametocyte development of Plasmodium chabaudi in mice and rats: evidence for host induction of gametocytogenesis. Cornelissen AW, et al. **Z Parasitenkd** 1985;71(3):297-303

Maintenance of in vitro cultures of Babesia divergens and Babesia major at low temperatures. Konrad J, et al. **Z Parasitenkd** 1985;71(3):313-6

Fractionation of Plasmodium chabaudi-infected erythrocytes into parasites and ghosts. Wunderlich F, et al. **Z Parasitenkd** 1985;71(4):545-51

[Continuous cultivation of erythrocytic Plasmodium cynomolgi in vitro] Zhou ZX, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):179-81 (Eng. Abstr.) (Chi)

[Comparative ultrastructural study of the process of hemoglobin degradation by P. berghei (Vincke and Lips, 1948) as a function of the state of maturity of the host cell] Slomianny C, et al. **J Protozool** 1985 Feb;32(1):1-5 (Eng. Abstr.) (Fre)

[Preferential action of chloroquine on Plasmodium within mature erythrocytes] Dei-Cas E, et al. **Pathol Biol (Paris)** 1984 Dec;32(10):1019-23 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Familial erythrophagocytic lymphohistiocytosis. A neuropathologic study. Martin JJ, et al. **Acta Neuropathol (Berl)** 1985;66(2):140-4

Quantitative changes of red blood cell shapes in relation to clinical features in beta-thalassemia/HbE disease. Bunyaratvej A, et al. **Am J Clin Pathol** 1985 May;83(5):555-9

Successful treatment of chronic refractory pure red cell aplasia with antithymocyte globulin: correlation with in vitro erythroid culture studies. Mangan KF, et al. **Am J Hematol** 1984;17(4):417-26

Irreversibly sickled erythrocytes in sickle cell anemia: a quantitative reappraisal. Rodgers GP, et al. **Am J Hematol** 1985 Sep;20(1):17-23

Red cell fragmentation syndrome with the use of subclavian hemodialysis catheters. Nand S, et al. **Arch Intern Med** 1985 Aug;145(8):1421-3

Histiocytic hemophagocytosis in miliary tuberculosis. Weintraub M, et al. **Arch Intern Med** 1984 Oct;144(10):2055-6

The significance of cytogenetic findings of erythroid colonies derived from a Ph+ ALL patient: fundamental differences between Ph+ ALL and blastic phase CML. Abe R, et al. **Cancer Genet Cytogenet** 1985 Sep;18(1):49-54

Erythrocyte and leukocyte lipids in alcoholic macrocytosis. Halsall S, et al. **Clin Chim Acta** 1985 Jul 15;149(2-3):165-73

Experimental studies on the hemolytic-uremic syndrome. Bolande RP, et al. **Nephron** 1985;39(3):228-36

Hemorrheological approach to thrombotic microangiopathies. Stratta P. **Nephron** 1985;40(1):67-73 (117 ref.)

Membrane knobs are required for the microcirculatory obstruction induced by Plasmodium falciparum-infected erythrocytes. Raventos-Suarez C, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3829-33

Morphological lesions in red blood cells from herring gulls and Atlantic puffins ingesting Prudhoe Bay crude oil. Leighton FA. **Vet Pathol** 1985 Jul;22(4):393-402

Fever, jaundice, and histiocytic erythrophagocytosis: fulminant infection or malignancy? Heiman DF, et al. **Yale J Biol Med** 1984 Sep-Oct;57(5):787-95

[Erythrocyte kinetics and erythrocyte morphology] Riedler GF. **Schweiz Rundsch Med Prax** 1985 Jan 15;74(3):25-30 (17 ref.) (Eng. Abstr.) **(Ger)**

[The size of reticulocytes in beta-thalassemic homozygotes] Sensi A, et al. **Riv Emoter Immunoematol** 1984;31(2):130-40 (Eng. Abstr.) **(Ita)**

[Morphological features of red blood cells in urinary sediment from patients with glomerular diseases] Kaneko Y, et al. **Rinsho Byori** 1985 Mar;33(3):319-22 **(Jpn)**

[Morphological and functional characteristics of erythrocytes of mothers with late pregnancy toxemias and their newborn infants] Anastas'eva NV, et al. **Akush Ginekol (Mosk)** 1985 May;(5):18-21 (Eng. Abstr.) **(Rus)**

[Study of the morphology of erythrocytes in incised skin wounds by means of scanning electron microscopy] Lazarov IK, et al. **Sud Med Ekspert** 1984 Oct-Dec;27(4):16-8 (Eng. Abstr.) **(Rus)**

[Treatment of hematoxylin- and eosin-stained histological specimens with other dyes] Mitiaeva NA, et al. **Sud Med Ekspert** 1985 Jan-Mar;28(1):45-6 **(Rus)**

[Proliferative activity of bone marrow erythroid cells in chronic renal failure] Sukiasova TG, et al. **Ter Arkh** 1984;56(7):54-5 (Eng. Abstr.) **(Rus)**

[Relation between the hemolytic system and cell variants in paroxysmal nocturnal hemoglobinuria] Góngora-Biachi RA, et al. **Sangre (Barc)** 1984;29(4-A):384-90 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Kinin cleavage by human erythrocytes. Sidorowicz W, et al. **Am J Hematol** 1984;17(4):383-91

Erythrocyte sedimentation rate. From folklore to facts. Bedell SE, et al. **Am J Med** 1985 Jun;78(6 Pt 1):1001-9

Prostaglandin synthesis inhibitors and vasa recta erythrocyte velocities in the rat. Lemley KV, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F562-7

Effects of storage conditions on bovine carrier erythrocytes. DeLoach JR. **Am J Vet Res** 1985 May;46(5):1092-4

Plasma or serum from patients with systemic sclerosis alters behaviour of normal erythrocytes. Kovacs IB, et al. **Ann Rheum Dis** 1985 Jun;44(6):395-8

Sickle hemoglobin polymerization in solution and in cells. Noguchi CT, et al. **Annu Rev Biophys Biophys Chem** 1985;14:239-63 (120 ref.)

Red blood cells as carriers for drugs. A method for disseminating chemotherapeutics, hormones, enzymes and other therapeutic agents via the circulatory system. First International Conference on Red Blood Cell Carriers. Bellagio (Italy), February 27-March 2, 1984. **Bibl Haematol** 1985;(51):1-162

Use of voltage pulses for the pore opening and drug loading, and the subsequent resealing of red blood cells. Tsong TY, et al. **Bibl Haematol** 1985;(51):108-14

Influence of red blood cells, serum albumin, and serum lipoproteins on the clearance of benzo[alpha]pyrene by isolated livers of 3-methylcholanthrene-treated rats. Wiersma DA, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3433-8

Monitoring red blood cell aggregation with nuclear magnetic resonance. Herbst MD, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):123-6

Insertion of lipid domains into plasma membranes by fusion with erythrocytes. Schlegel RA, et al. **Biochim Biophys Acta** 1985 Aug 30;846(2):234-41

The recognition of red blood cells by macrophages: role of phosphatidylserine and possible implications of membrane phospholipid asymmetry. Schroit AJ, et al. **Biol Cell** 1984;51(2):227-38

Anomalous diffusion of erythrocytes in the presence of polyvinylpyrrolidone. Fritz OG Jr. **Biophys J** 1984 Aug;46(2):219-27

Lateral diffusion on fused cell doublets [letter] Koppel DE. **Biophys J** 1984 Dec;46(6):837-8

Spin-label studies of erythrocyte deformability. IV. Relation of electron spin resonance spectral change with deformation and orientation of erythrocytes in shear flow. Noji S, et al. **Biophys J** 1984 Sep;46(3):349-55

Red blood cell deformation in shear flow. Effects of internal and external phase viscosity and of in vivo aging. Pfafferott C, et al. **Biophys J** 1985 May;47(5):695-704

Viscometric methods for assessing red cell deformability and fragmentation. Berga L, et al. **Biorheology** 1984;Suppl 1:297-301

Measurement of erythrocyte orientation in flow by spin labeling II--phenomenological models for erythrocyte orientation rate. Bitbol M, et al. **Biorheology** 1985;22(1):31-42

Measurement of erythrocyte orientation in flow by spin labeling III--erythrocyte orientation and rheological conditions. Bitbol M, et al. **Biorheology** 1985;22(1):43-53

Assessment of erythrocyte deformability by constant flow filtration technique: analysis of factors influencing the initial pressure. Chan MT, et al. **Biorheology** 1984;Suppl 1:267-70

A technique for continuously measuring filtration resistance at constant pressure. Duvivier C, et al. **Biorheology** 1984;Suppl 1:271-4

Filtration pressure and red blood cell deformability: evaluation of a new device: erythrometre. Guéguen M, et al. **Biorheology** 1984;Suppl 1:261-5

Dynamic evaluation of aggregation and agglutination of red blood cells. Kaibara M, et al. **Biorheology** 1984;Suppl 1:43-7

The hematocrit-erythrocyte-disaggregation-apparatus (HEDA). Kiesewetter H, et al. **Biorheology** 1984;Suppl 1:213-5

Electrostatic fixed charge distribution in the RBC-glycocalyx and their influence upon the total free interaction energy. Lerche D. **Biorheology** 1984;21(4):477-92

The Technicon Ektacytometer: automated exploration of erythrocyte function. Nossal MP. **Biorheology** 1984;Suppl 1:291-5

The erythrocyte-stasis-meter (ESM): a device to determine a universal parameter for the flow characteristics of blood. Radtke H, et al. **Biorheology** 1984;Suppl 1:75-7

Small angle light scattering by large spheroids. Comparison with patterns from erythrocytes under shear. Ravey JC, et al. **Biorheology** 1984;Suppl 1:287-90

A new device for the routine measurement of erythrocyte deformability. Roggenkamp HG, et al. **Biorheology** 1984;Suppl 1:241-3

Human red blood cell hemolysis in a turbulent shear flow: contribution of Reynolds shear stresses. Sallam AM, et al. **Biorheology** 1984;21(6):783-97

Rapid deoxygenation of red cells and hemoglobin solution using hollow capillary fibers. Schmukler R, et al. **Biorheology** 1985;22(1):21-9

Dependency of red blood cell passage time on pore geometry in the single-pore erythrocyte rigidometer (SER). Seiffge D. **Biorheology** 1984;Suppl 1:245-7

An improved filtration rate for measuring red cell deformability. Sowemimo-Coker SO, et al. **Biorheology** 1984;Suppl 1:249-53

Erythrometer: a new device for measuring erythrocyte filterability and plasma viscosity. Stoltz JF, et al. **Biorheology** 1984;Suppl 1:255-9

Leucocyte removal prior to study of erythrocyte deformability. Stuart J, et al. **Biorheology** 1984;Suppl 1:283-5

Anticoagulants and erythrocyte filterability. Stuart J, et al. **Biorheology** 1984;Suppl 1:279-81

Numerical approach to the motion of a red blood cell in Couette flow. Sugihara M, et al. **Biorheology** 1984;21(6):735-49

Recent progress in improving data processing in filtration measurements. Teitel P, et al. **Biorheology** 1984;Suppl 1:231-40

Regulation of human peripheral blood erythroid burst-forming unit growth by T lymphocytes and T lymphocyte subpopulations defined by OKT4 and OKT8 monoclonal antibodies. Wisniewski D, et al. **Blood** 1985 Feb;65(2):456-63

Red cell kinetics in thalassaemia intermedia: its use for a prospective prognosis. Najean Y, et al. **Br J Haematol** 1985 Mar;59(3):533-9

Preferential phagocytosis of in vivo aged murine red blood cells by a macrophage-like cell line. Walker WS, et al. **Br J Haematol** 1984 Oct;58(2):259-66

Red cell velocity and autoregulation in the cerebral cortex of the cat. Chang BL, et al. **Brain Res** 1984 Aug 6;308(1):15-24

Canine malignant hyperthermia susceptibility: erythrocytic defects—osmotic fragility, glucose-6-phosphate dehydrogenase deficiency and abnormal Ca2+ homeostasis. O'Brien PJ, et al. **Can J Comp Med** 1984 Oct;48(4):381-9

Hepatic trapping of red cells in canine endotoxin shock: a variable phenomenon after splenectomy. Teule GJ, et al. **Cardiovasc Res** 1985 Apr;19(4):201-5

Fibrinogen and the ultralong-range interaction of human erythrocytes. Sewchand LS, et al. **Cell Biophys** 1984 Sep;6(3):215-21

Further characterization of the effects of alpha-1-acid glycoprotein on the passage of human erythrocytes through micropores. Maeda H, et al. **Cell Struct Funct** 1984 Sep;9(3):279-90

DNA replication and H5 histone exchange during reactivation of chick erythrocyte nuclei in heterokaryons. Ringertz NR, et al. **Chromosoma** 1985;91(5):391-6

Osmotic fragility of erythrocytes, cell deformability and secondary hyperparathyroidism in uremic patients on maintenance hemodialysis. Docci D, et al. **Clin Nephrol** 1985 Feb;23(2):68-73

Seasonal variations in hematocrit, red cell hemoglobin and nucleoside triphosphate concentrations, in the European eel Anguilla anguilla. Andersen NA, et al. **Comp Biochem Physiol [A]** 1985;81(1):87-92

Rainbow trout red cells in vitro. Houston AH, et al. **Comp Biochem Physiol [A]** 1985;81(3):555-65

Macrophage oxidative burst (OB) and related cytotoxicity--II. Differential sensitivity of erythrocytes from various animals to OB dependent lysis. Keisari Y, et al. **Comp Biochem Physiol [A]** 1985;80(2):163-6

Carbohydrate metabolism of malarial parasites—I. Metabolism of lactate in Plasmodium knowlesi infected monkey erythrocytes. Ali SN, et al. **Comp Biochem Physiol [B]** 1985;80(4):725-9

Alterations of capillary flow during sepsis. Rogers F, et al. **Curr Surg** 1984 Jul-Aug;41(4):262-3

Hepatic cavernous hemangioma: a potential pitfall during evaluation of gastrointestinal bleeding with 99mTc-labeled erythrocytes. Lecklitner ML. **Eur J Nucl Med** 1985;10(3-4):178-80

Regeneration of erythroid progenitor cells in polycythemic mice treated with cyclophosphamide. Biljanović-Paunović L, et al. **Exp Hematol** 1985 Jan;13(1):67-73

Erythroid progenitor cells and stimulating factors during murine embryonic and fetal development. Johnson GR, et al. **Exp Hematol** 1985 Mar;13(3):200-8

Electric-field-induced fusion of enzyme-treated human red cells: kinetics of intermembrane protein exchange. Donath E, et al. **Gen Physiol Biophys** 1984 Jun;3(3):239-49

Myelofibrosis, autoimmune haemolytic anaemia and Tn-polyagglutinability. Bird GW, et al. **Haematologia (Budap)** 1985;18(2):99-103

Topo-optical investigations of the human erythrocyte glycocalyx-age related changes. Halbhuber KJ, et al. **Histochemistry** 1984;81(2):187-93

Biology of red cells: non-nucleated erythrocytes as fluid drop-like cell fragments. Schmid-Schönbein H, et al. **Int J Microcirc Clin Exp** 1984;3(2):161-96 (64 ref.)

Proton NMR study of erythrocytes of essential hypertensives. Boicelli CA, et al. **Ital J Biochem** 1985 Mar-Apr;34(2):75-84

Encapsulation of exogenous agents in erythrocytes and the circulating survival of carrier erythrocytes. DeLoach JR. **J Appl Biochem** 1983 Jun;5(3):149-57 (53 ref.)

Effect of flow rate and blood cellular elements on the efficiency of red blood cell targeting to collagen-coated surfaces. Samokhin GP, et al. **J Appl Biochem** 1984 Feb-Apr;6(1-2):70-5

Measurement of biophysical properties of red blood cells by resistive pulse spectroscopy: volume, shape, surface area, and deformability. Richieri GV, et al. **J Biochem Biophys Methods** 1985 Aug;11(2-3):117-31

Anion transporter: highly cell-type-specific expression of distinct polypeptides and transcripts in erythroid and nonerythroid cells. Cox JV, et al. **J Cell Biol** 1985 May;100(5):1548-57

Membrane phospholipid asymmetry as a factor in erythrocyte-endothelial cell interactions. Schlegel RA, et al. **J Cell Physiol** 1985 May;123(2):215-8

Neoplasia and the erythron. Doll DC, et al. **J Clin Oncol** 1985 Mar;3(3):429-46 (250 ref.)

Effect of norepinephrine on swelling-induced potassium transport in duck red cells. Evidence against a volume-regulatory decrease under physiological conditions. Haas M, et al. **J Gen Physiol** 1985 May;85(5):649-67

Opsonic properties of C-reactive protein. Stimulation by phorbol myristate acetate enables human neutrophils to phagocytize C-reactive protein-coated cells. Kilpatrick JM, et al. **J Immunol** 1985 May;134(5):3364-70

Guinea pig and human red cell hemolysates release iron from transferrin. Pollack S, et al. **J Lab Clin Med** 1985 May;105(5):629-34

Fibronectin-enhanced attachment of gelatin-coated erythrocytes to isolated hepatic Kupffer cells. Cardarelli PM, et al. **J Leukocyte Biol** 1984 Oct;36(4):477-92

Relationship between the shape and the membrane potential of human red blood cells. Bifano EM, et al. **J Membr Biol** 1984;82(1):1-13

Relationship between red blood cell function, kidney function and blood pressure in genetic hypertension. Bianchi G, et al. **Klin Wochenschr** 1985;63 Suppl 3:59-60

Red cells under zero gravity [letter] Dintenfass L. **Lancet** 1985 Mar 30;1(8431):747-8

Diuretic and natriuretic actions of extract prepared from rat erythrocytes. Selmeci L, et al. **Life Sci** 1985 Mar 18; 36(11):1025-31

Interaction of macrophages with 'old' red blood cells from syngeneic mice in vitro and the independence of the recognition process on macrophage Fc receptors. Knyszynski A, et al. **Mech Ageing Dev** 1985 Feb; 29(2):171-80

Analysis of the bidirectional optical three-stage prism grating system for red blood cell velocity measurements in microvessels. Jeurens TJ, et al. **Med Biol Eng Comput** 1984 Nov;22(6):521-8

Hydrophobic interactions in Plasmodium falciparum invasion into human erythrocytes. Breuer WV, et al. **Mol Biochem Parasitol** 1984 Jun;12(2):125-38

Measurement of viable ADSOL-preserved human red cells [letter] Valeri CR. **N Engl J Med** 1985 Feb 7;312(6):377-8

Specific expression of a foreign beta-globin gene in erythroid cells of transgenic mice. Chada K, et al. **Nature** 1985 Mar 28-Apr 3;314(6009):377-80

Cytomegalovirus-associated hemophagocytic syndrome. Danish EH, et al. **Pediatrics** 1985 Feb;75(2):280-3

The relations between erythrocytic and CNS parameters following postnatal hypobaric hypoxia of the rat. Lun A, et al. **Physiol Bohemoslov** 1985;34(2):111-9

Receptor mediated endocytosis of the malarial parasite by erythrocytes. Perkins ME. **Prog Clin Biol Res** 1984; 165:361-76

Hemolysate-induced release of prostaglandinlike substances from the canine cerebral arteries. Okamoto S, et al. **Surg Neurol** 1985 Apr;23(4):421-4

An assessment of whole blood impedance aggregometry using blood from normal subjects and haemodialysis patients. Gordge MP, et al. **Thromb Res** 1984 Oct 1; 36(1):17-27

Possible participation of adenosine 5'-diphosphate, arachidonic acid and paf-acether in the platelet pro-aggregating effect of uncontrolled insulin-dependent diabetic erythrocytes in vitro. Juhan-Vague I, et al. **Thromb Res** 1985 Apr 1;38(1):83-9

Role of red cells in preventing the growth of platelet aggregation. Machi J, et al. **Thromb Res** 1984 Oct 1; 36(1):53-66

Further studies on the role of red blood cells in spontaneous platelet aggregation. Saniabadi AR, et al. **Thromb Res** 1985 May 1;38(3):225-32

Biochemical and membrane functional alterations in red cells during preparation and storage of leukocyte- and platelet-poor red cell suspensions prepared by warm-centrifuge method. Shimizu T, et al. **Tohoku J Exp Med** 1985 Mar;145(3):321-8

Human erythrocytes shed exocytic vesicles in vivo. Dumaswala UJ, et al. **Transfusion** 1984 Nov-Dec; 24(6):490-2

Measurement of viability of stored red cells [letter] Marcus CS. **Transfusion** 1985 Mar-Apr;25(2):183-4

Red cell survival techniques [letter] Noel L, **Transfusion** 1985 Mar-Apr;25(2):180

The membrane and the lesions of storage in preserved red cells. Wolfe LC. **Transfusion** 1985 May-Jun;25(3):185-203 (102 ref.)

[Role of erythrocyte deformability in erythrocyte transit time and bioavailability of O2] Thao Chan M, et al. **J Mal Vasc** 1985;10(1):43-6 (Eng. Abstr.) (Fre)

[Endothelial cells and adhesion of red cells in diabetes and sickle cell anemia. Quantitative and qualitative aspects] Wautier JL, et al. **Nouv Rev Fr Hematol** 1984;26(6):379-85 (Eng. Abstr.) (Fre)

[Flow behavior of hypoxically damaged erythrocytes in lung diseases] Lanser K, et al. **Prax Klin Pneumol** 1984 Aug; 38(8):348-51 (Eng. Abstr.) (Ger)

[Proposal of a new parameter in intensive therapy: intraerythrocyte osmolality. Experimental note] Perotti V, et al. **Minerva Anestesiol** 1984 Oct;50(10):515-20 (Eng. Abstr.) (Ita)

[Application of a solid-state image sensor for measuring erythrocyte velocity in microvessels] Fukushima T, et al. **Iyodenshi To Seitai Kogaku** 1984 Oct;22(6):447-50 (Eng. Abstr.) (Jpn)

[Role of adenine nucleotides in the regulation of the structure and properties of erythrocytes] Jóźwiak Z. **Postepy Hig Med Dosw** 1985 Jan-Feb;39(1):116-52 (116 ref.) (Eng. Abstr.) (Pol)

[Effect of hemosorption on the functional state of the erythrocytes of preserved donor blood] Nikolaev VG, et al. **Anesteziol Reanimatol** 1984 Sep-Oct;(5):69-71 (Eng. Abstr.) (Rus)

[Changes in the passive electrical properties of the erythrocytes during hemosorption] Pliquett F, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):414-6 (Eng. Abstr.) (Rus)

[Effect of the supplementary administration of ascorbic acid to the daily diet of the degree of vitamin saturation of the body and erythrocyte thermal resistance during work in an arid zone] Mommadov IM, et al. **Fiziol Cheloveka** 1985 Jan-Feb;11(1):129-33 (Rus)

[Erythrodieresis in extreme conditions and its role in blood regeneration] Gorbunova NA. **Gematol Transfuziol** 1985 Feb;30(2):23-7 (Eng. Abstr.) (Rus)

[Preservation of standard ABO- and Rhesus-system erythrocytes in positive temperatures] Klimova KN, et al. **Gematol Transfuziol** 1985 May;30(5):55-8 (Rus)

[Morphofunctional characteristics of erythrocyte masses resuspended in a new preserving solution] Kozinets GI, et al. **Gematol Transfuziol** 1985 May;30(5):17-21 (Eng. Abstr.) (Rus)

[Functional state of erythrocytes in persons engaging in healthful running] Mishchenko VP, et al. **Gematol Transfuziol** 1985 May;30(5):39-42 (Rus)

[Normalization of the physico-chemical properties of blood by hemosorption after its long-term preservation] Nikolaev VG, et al. **Gematol Transfuziol** 1985 May;30(5):21-4 (Eng. Abstr.) (Rus)

[Relation between erythrocyte resistance and antioxidative enzyme activity] Verbolovich VP, et al. **Gematol Transfuziol** 1985 May;30(5):31-5 (Eng. Abstr.) (Rus)

[Temperature dependence of the magnetic susceptibility of oxy- and carboxyhemoglobin in the erythrocytes] Piruzian LA, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Nov-Dec; (6):894-900 (Eng. Abstr.) (Rus)

[Erythrocytes in tissue and immune homeostasis] Ol'shanskiĭ AIa, et al. **Sov Med** 1984;(11):43-8 (39 ref.) (Rus)

PHYSIOPATHOLOGY

Electron spin resonance of erythrocytes in Huntington's disease. Przuntek H, et al. **J Neurol** 1984;231(3):162-4

RADIATION EFFECTS

Electrophoretic mobility of erythrocytes exposed to accelerated helium nuclei or to gamma-rays, as modified by adeturone. Vranska TG, et al. **Int J Radiat Biol** 1985 Mar;47(3):285-90

Photodynamic release of protoporphyrin from intact erythrocytes in erythropoietic protoporphyria: the effect of small repetitive light doses. Brun A, et al. **Photochem Photobiol** 1985 May;41(5):535-41

Amiodarone phototoxicity to human erythrocytes and lymphocytes. Hasan T, et al. **Photochem Photobiol** 1984 Dec;40(6):715-9

Microwave and thermal interactions with oxidative hemolysis. Kiel JL, et al. **Physiol Chem Phys Med NMR** 1984;16(4):317-23

Evaluation of radioprotectors by the Na+ influx study in RBC of lethally irradiated rats. Srinivasan MN, et al. **Strahlentherapie** 1984 Sep;160(9):565-6

Argon laser radiation of human clots: differential photoabsorption in red cell rich and red cell poor clots. Lee G, et al. **Thromb Res** 1985 Jun 1;38(5):561-5

[Effect of age on the chromosomal radiosensitivity of bone marrow erythrocytes in the mouse] Timmermans R, et al. **C R Soc Biol (Paris)** 1984;178(5):557-61 (Eng. Abstr.) (Fre)

[Phase contrast microscopic and scanning electron microscopic studies of the variability of the plasma protein film on rat erythrocytes following whole body irradiation at different doses] Linke A, et al. **Radiobiol Radiother (Berl)** 1985;26(1):123-32 (Eng. Abstr.) (Ger)

[Effect of gamma radiation on glucose-6-phosphate dehydrogenase activity in the erythrocytes of healthy persons after submaximal physical exertion] Zagórski T, et al. **Med Pr** 1984;35(6):397-401 (Eng. Abstr.) (Pol)

[A mechanism of changes in the electrophoretic motility of erythrocytes after UHF-irradiation] Sigal VL, et al. **Biofizika** 1984 Sep-Oct;29(5):852-6 (Eng. Abstr.) (Rus)

[Effect of altering the antigenic activity of human erythrocytes in an ultrasound radiation field] Piruzian LA, et al. **Dokl Akad Nauk SSSR** 1985;280(6):1499-501 (Rus)

[State of the erythron in rats at late periods following acute radiation injury] Perminova OA. **Radiobiologiia** 1985 Jul-Aug;25(4):539-44 (Eng. Abstr.) (Rus)

RADIONUCLIDE IMAGING

[Effect of body loading on the specific blood radioactivity following 99mTc in-vivo erythrocyte labelling. The effects on determining end-diastolic volume in equilibrium radionuclide ventriculography] Knesewitsch P, et al. **Nuklearmedizin** 1985 Feb;24(1):18-21 (Eng. Abstr.) (Ger)

TRANSPLANTATION

Effect of erythrocyte transfusion on the circulation of Guérin carcinoma-bearing rats. Takács L, et al. **Acta Physiol Hung** 1984;64(1):9-17

RBC transfusion in premature infants [letter] Birenbaum HJ. **Am J Dis Child** 1985 Aug;139(8):750

Whole blood in trauma resuscitations. Iserson KV. **Am J Emerg Med** 1985 Jul;3(4):358-9

Influence of two piston-type infusion pumps on hemolysis of infused red blood cells. Veerman MW, et al. **Am J Hosp Pharm** 1985 Mar;42(3):626-8

Improved oxygen delivery to tissues and iron chelator transport through the use of lysed and resealed red blood cells: a new perspective on Cooley's anemia therapy. Ropars C, et al. **Ann NY Acad Sci** 1985;445:304-15

Low haematocrit and prolonged bleeding time in uraemic patients: effect of red cell transfusions. Fernandez F, et al. **Br J Haematol** 1985 Jan;59(1):139-48

A prospective trial of young red cells in 48 patients with transfusion-dependent thalassaemia. Marcus RE, et al. **Br J Haematol** 1985 May;60(1):153-9

Red cell transfusions for polytransfused patients. Goldmann SF. **Hamatol Bluttransfus** 1985;29:102-6

Physiological effects of high-P50 erythrocyte transfusion on piglets. Teisseire BP, et al. **J Appl Physiol** 1985 Jun; 58(6):1810-7

Analysis of immune status of hemodialyzed adults: association with prior transfusions. Bender BS, et al. **Kidney Int** 1984 Oct;26(4):436-43

Graft-versus-host disease in rhabdomyosarcoma following transfusion with nonirradiated blood products. Labotka RJ, et al. **Med Pediatr Oncol** 1985;13(2):101-4

Iron overload as a result of transfusion therapy in a patient with adenosine deaminase deficiency. Hopp RJ, et al. **Nebr Med J** 1985 Mar;70(3):95-7

Resuspended red cells and plasma volume expander usage. Woodfield DG. **NZ Med J** 1984 Dec 26;97(770):901-3

Erythropoietic protoporphyria: therapeutic response to combined erythrocyte exchange and plasmapheresis. Spiva DA, et al. **Photodermatol** 1984 Oct;1(5):211-20

Preparation of transfusable red cells by enzymatic conversion. Goldstein J. **Prog Clin Biol Res** 1984; 165:139-57

Induced low P50 in anesthetized rats: blood gas, circulatory and metabolic adjustments. Teisseire BP, et al. **Respir Physiol** 1984 Dec;58(3):335-44

Protection against lethal hyperoxia by tracheal insufflation of erythrocytes: role of red cell glutathione. van Asbeck BS, et al. **Science** 1985 Feb 15;227(4688):756-9

Suppression of renal allograft rejection in the rat by class I antigens on purified erythrocytes. Wood KJ, et al. **Transplantation** 1985 Jan;39(1):56-62

First transfusions of red blood cells previously frozen and thawed. Sloviter HA. **Vox Sang** 1985;48(4):254-6

Hazards of blood and blood products. Case report of post-transfusion hepatitis-B. Wirtz CE, et al. **Wis Med J** 1985 May;84(5):10-1

[Erythrocyte concentrates. Indications and applications] Kocher P. **Ther Umsch** 1984 Aug;41(8):549-53 (Eng. Abstr.) (Fre)

[Intraoperative autotransfusion. Studies on the effectiveness and quality of washed autologous erythrocytes] Paravicini D. **Fortschr Med** 1985 Apr 25;103(16):429-32 (Eng. Abstr.) (Ger)

[Transfusion-induced acid load caused by erythrocyte concentrates in the newborn] Abel M, et al. **Infusionsther Klin Ernahr** 1984 Oct;11(5):267-9 (Eng. Abstr.) (Ger)

[Progress in the therapy of children with congenital hemolytic anemias by transfusion of neocyte concentrations. Initial experiences in the separation and transfusion of young erythrocytes, obtained with the cell separator Fenwal CS-3000] Heim MU, et al. **Klin Padiatr** 1985 Mar-Apr;197(2):98-100 (Eng. Abstr.) (Ger)

[Acute graft-versus-host disease following a single transfusion of erythrocytes] Gössi U, et al. **Schweiz Med Wochenschr** 1985 Jan 12;115(2):34-40 (Eng. Abstr.) (Ger)

[Intraoperative recovery of blood with a modified cellular separator during cardiosurgical interventions] Pagnin A, et al. **Riv Emoter Immunoematol** 1984;31(1):73-87 (Eng. Abstr.) (Ita)

[Physico-chemical control of new preservative media for whole blood and erythrocyte mass] Chekmeneva TI, et al. **Gematol Transfuziol** 1984 Aug;29(8):58-9 (Rus)

[Rheological properties of the blood and their significance in transfusiological practice (review of Soviet and foreign literature)] Golovin GV, et al. **Vestn Khir** 1985 Feb; 134(2):142-6 (37 ref.) (Rus)

[Multiple transfusions of regenerated erythrocytes in treating acute posthemorrhagic anemias (the Polish People's Republic)] Orlowski T, et al. **Voen Med Zh** 1985 Mar; (3):68-9 (Rus)

[Critical review of blood transfusion and transfusion of erythrocyte concentrate] Grgičević D, et al. **Lijec Vjesn** 1985 Mar-Apr;107(3-4):136-40 (Eng. Abstr.) (Ser)

ULTRASTRUCTURE

Ultrastructural alterations of human red blood cells infected by Plasmodium vivax. Djaldetti M, et al. **Acta Haematol (Basel)** 1984;72(2):121-7

Tinidazole and emetine cytogenetic effects evaluated by the micronucleus test in mice. Leal-Garza CH, et al. **Arch Invest Med (Mex)** 1984 Oct-Dec;15(4):311-6 (Eng, Spa)

Drug-induced shape change in erythrocytes correlates with membrane potential change and is independent of glycocalyx charge. Nwafor A, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3329-36

Increased stability of the higher order structure of chicken erythrocyte chromatin: nanosecond anisotropy studies of intercalated ethidium. Ashikawa I, et al. **Biochemistry** 1985 Mar 12;24(6):1291-7

Properties and characterization of vesicles released by young and old human red cells. Snyder LM, et al. **Br J Haematol** 1985 Mar;59(3):513–22

Autophagy of mitochondria in rat bone marrow erythroid cells. Relation to nuclear extrusion. Heynen MJ, et al. **Cell Tissue Res** 1985;239(1):235–9

Radioreceptorassay of insulin using human erythrocytes. I. Methodological aspects. Simionescu L, et al. **Endocrinologie** 1985 Jan–Mar;23(1):29–38

Polarity of marginal-band microtubules in vertebrate erythrocytes. Euteneuer U, et al. **Eur J Cell Biol** 1985 May; 37:149–55

Separation of the nucleus from the cytoplasm of frog, chicken and trout erythrocytes by means of high doses of vitamin B12. Kaliistratos G, et al. **Int J Vitam Nutr Res** 1985; 55(1):79–84

Cross-linking of histone H5 in hen erythrocyte nuclei. Kotthaus E, et al. **J Biol Chem** 1984 Nov 25; 259(22):13640–3

Shape changes in human erythrocytes induced by replacement of the native phosphatidylcholine with species containing various fatty acids. Kuypers FA, et al. **J Cell Biol** 1984 Dec;99(6):2260–7

Reformation of the marginal band of avian erythrocytes in vitro using calf-brain tubulin: peripheral determinants of microtubule form. Swan JA, et al. **J Cell Biol** 1984 Dec; 99(6):2108–13

Studies on the cytoskeletal and nuclear architecture of Xenopus erythrocytes. Gambino J, et al. **J Cell Sci** 1984 Dec;72:275–94

Sideroblastic colonies in erythroid cultures grown from normal human marrow. Kaaba S, et al. **J Clin Pathol** 1985 Jan;38(1):68–72

Supranucleosomal fiber loops of chicken erythrocyte chromatin. Seki S, et al. **J Electron Microsc (Tokyo)** 1984; 33(2):178–81

Improved technic for detecting intraerythrocytic inclusion bodies in alpha thalassemia trait. Maungsapaya W, et al. **J Med Assoc Thai** 1985 Jan;68(1):43–5

Fracturing of melamine-embedded cells and tissues: a new technique for studying cell membranes. Westphal C, et al. **J Microsc** 1985 Jan;137 (Pt 1):17–23

Transformation of erythrocytes to spherocytes following incubation with malignant cells. Chaimoff C, et al. **J Submicrosc Cytol** 1985 Jul;17(3):465–8

Partial deficiency of erythrocyte spectrin in hereditary spherocytosis. Agre P, et al. **Nature** 1985 Mar 28–Apr 3; 314(6009):380–3

Ingestion of erythrocytic stroma by Plasmodium chabaudi trophozoites: ultrastructural study by serial sectioning and 3-dimensional reconstruction. Slomianny C, et al. **Parasitology** 1985 Jun;90 (Pt 3):579–88

Scanning electron-stimulated desorption microscopy of red blood cells. Dylla HF, et al. **Scan Electron Microsc** 1984; (Pt 3):1219–24

Electron microscopic study of the polymyxin treated goat erythrocytes. Mandal TK, et al. **Z Naturforsch [C]** 1984 Jul–Aug;39(7–8):776–80

[Entoptoscopy of erythrocyte flow in choriocapillaries] Brückner R. **Klin Monatsbl Augenheilkd** 1985 Feb; 186(2):114–6 (Eng. Abstr.) **(Ger)**

[Persistent microhematuria: localization of the source of bleeding by the evaluation of erythrocyte morphology] Schramek P, et al. **Urologe [A]** 1985 Jul;24(4):216–20 (Eng. Abstr.) **(Ger)**

[Electron microscopic study of postmortem fibrinolysis] Senianskaia NL. **Arkh Patol** 1985;47(2):58–65 (Eng. Abstr.) **(Rus)**

[Ultrastructure of the membranes of the novocaine segregation zones in nucleated erythrocytes] Komissarchik Ialu, et al. **Dokl Akad Nauk SSSR** 1984 Nov–Dec; 279(1):223–5 **(Rus)**

ERYTHROCYTES, ABNORMAL

Tea drinking and microcytic anemia in infants. Merhav H, et al. **Am J Clin Nutr** 1985 Jun;41(6):1210–3

Poikilocytosis in dogs with chronic doxorubicin toxicosis. Badylak SF, et al. **Am J Vet Res** 1985 Feb;46(2):505–8

Hyperglycemic macrocytosis in electronically determined mean corpuscular volume. Use of three different automatic cell counters. Planas AT, et al. **Ann Clin Lab Sci** 1985 Jul–Aug;15(4):286–91

Persistence of abnormal RBC and platelet phenotype during recovery from aplastic anemia. Bessman JD, et al. **Arch Intern Med** 1985 Feb;145(2):293–6

Familial amyotrophic chorea with acanthocytosis. New clinical and laboratory investigations. Gross KB, et al. **Arch Neurol** 1985 Aug;42(8):753–6

Red blood cell abnormalities and spontaneous hypertension in the rat. A genetically determined link. Bianchi G, et al. **Hypertension** 1985 May–Jun;7(3 Pt 1):319–25

Selective removal of sickle cells with the IBM 2997 continuous flow blood cell separator. Lenes B, et al. **J Clin Apheresis** 1983;1(2):64–70

Does an unfavorable metabolic environment for red cells develop within the cat spleen when abnormal cells become trapped? Groom AC, et al. **J Lab Clin Med** 1985 Feb; 105(2):209–13

[Detection of microcythemia in a school population in Milan: survey of microcythemic subjects 8 years after the diagnosis was made] Gualandri V, et al. **J Genet Hum** 1985 Jan; 33(1):45–50 (Eng. Abstr.) **(Fre)**

[Microcytosis and hypochromia and change in erythrocyte indices (letter)] Anagnou J. **Dtsch Med Wochenschr** 1985 Apr 19;110(16):657–8 **(Ger)**

[Acanthocytosis in chronic septic granulomatosis: the McLeod syndrome] Höger P, et al. **Monatsschr Kinderheilkd** 1985 May;133(5):296–9 (Eng. Abstr.) **(Ger)**

[Partial preservation of the spleen parenchyma in the prevention of hyposplenism due to splenectomy. Note on the behavior of Heinz and Howell-Jolly bodies. Experimental research] Di Vita G, et al. **Minerva Chir** 1984 Nov 30;39(22):1543–6 (Eng. Abstr.) **(Ita)**

ANALYSIS

Prognostic implications of functional hyposplenia in neonatal septicemia. Storm W. **Acta Paediatr Scand** 1985 Jul; 74(4):611–2

The phospholipid organisation in the membranes of McLeod and Leach phenotype erythrocytes. Kuypers FA, et al. **FEBS Lett** 1985 May 6;184(1):20–4

Abnormal redox status of membrane-protein thiols in sickle erythrocytes. Rank BH, et al. **J Clin Invest** 1985 May; 75(5):1531–7

[Differentiation between glomerular and non-glomerular hematuria based on the morphologic study of erythrocytes excreted in the urine] Nagy J, et al. **Orv Hetil** 1985 Feb 24;126(8):443-4, 447 (Eng. Abstr.) **(Hun)**

DRUG EFFECTS

[Echinocyte count of the blood of rats during carcinogenesis induced by chemicals differing in their mechanism of action] Kozhevnikova EP, et al. **Patol Fiziol Eksp Ter** 1985 Jan–Feb;(1):54–6 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Beta-glucuronidase-positive erythrocytic inclusion bodies--a hitherto unknown phenomenon. Schaefer HE, et al. **Pathol Res Pract** 1985 Jan;179(3):318–27

IMMUNOLOGY

Stomatocytosis of latex particles (0.26 micron) by rat erythrocytes by the electrical breakdown technique. Schüssler W, et al. **Blut** 1984 Sep;49(3):213–7

METABOLISM

Red cell superoxide dismutase and sickle cell anemia symptom severity. Schacter LP, et al. **Am J Hematol** 1985 Jun;19(2):137–44

Sickling of sickle erythrocytes does not alter phospholipid asymmetry. Raval PJ, et al. **Biochem J** 1984 Oct 15; 223(2):555–7

Kinetics of water transport in sickle cells. Craescu CT, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):811–5

Fluorescent cytoplasm and Heinz bodies of hemoglobin Köln erythrocytes: evidence for intracellular heme catabolism. Eisinger J, et al. **Blood** 1985 Apr;65(4):886–93

Abnormality of phospholipid transverse diffusion in sickle erythrocytes. Zachowski A, et al. **J Clin Invest** 1985 May; 75(5):1713–7

Erythrocyte lipid alterations in pediatric cholestatic liver disease: spur cell anemia of infancy. Cynamon HA, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):542–9

Silent intracellular calcium in sickle cell anemia red cells. Bookchin RM, et al. **Prog Clin Biol Res** 1984;165:17–28

Oxidation of membrane thiols in sickle erythrocytes. Rank BH, et al. **Prog Clin Biol Res** 1984;165:473–7

PATHOLOGY

Clinical manifestations and erythrocyte adhesion to endothelium in sickle cell syndrome. Wautier JL, et al. **Am J Hematol** 1985 Jun;19(2):121–30

Schistocytes in erythroleukemia. Atkins JN, et al. **Am J Med Sci** 1985 Mar;289(3):110–3

Abnormal hematologic findings in triploidy. Sadowitz PD, et al. **Clin Pediatr (Phila)** 1984 Nov;23(11):641–3

Red cell distribution width parallels dense red cell disappearance during painful crises in sickle cell anemia. Lawrence C, et al. **J Lab Clin Med** 1985 Jun;105(6):706–10

Effect of diuresis on urinary erythrocyte morphology in glomerulonephritis. Schuetz E, et al. **Klin Wochenschr** 1985 Jul 1;63(13):575–7

Myospherulosis. Chait DH, et al. **Nebr Med J** 1985 Feb; 70(2):57–60

Familial tic disorder, parkinsonism, motor neuron disease, and acanthocytosis: a new syndrome. Spitz MC, et al. **Neurology** 1985 Mar;35(3):366–70

[Influence of drying times on the smeared blood in fluorescence microscopic detection of basophilic stippled erythrocytes and its application to a provocation method] Yoshiba S, et al. **Nippon Eiseigaku Zasshi** 1985 Feb; 39(6):873–85 (Eng. Abstr.) **(Jpn)**

[The role of autoimmune hemolytic processes in echinocytic erythrocyte transformation in malignant growths] Aleksandrova LM, et al. **Eksp Onkol** 1984;6(3):48–9 (Eng. Abstr.) **(Rus)**

[Importance of determining echinocytosis in the early diagnosis of laryngeal and pharyngeal neoplasms] Teodor IL, et al. **Vestn Otorinolaringol** 1984 Sep–Oct;(5):37–40 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Increased adherence of sickled and phosphatidylserine-enriched human erythrocytes to cultured human peripheral blood monocytes. Schwartz RS, et al. **J Clin Invest** 1985 Jun;75(6):1965–72

Adherence properties of sickle erythrocytes in dynamic flow systems. Burns ER, et al. **J Lab Clin Med** 1985 Jun; 105(6):673–8

Relationship between the shape and the membrane potential of human red blood cells. Bifano EM, et al. **J Membr Biol** 1984;82(1):1–13

Erythrocyte membrane abnormalities in patients with amyotrophic chorea with acanthocytosis. Part 1. Spin labeling studies and lipid analyses. Oshima M, et al. **J Neurol Sci** 1985 May;68(2–3):147–60

Erythrophagocytosis as a determinant of hemolytic rate in sickle disease. Miller WJ, et al. **Prog Clin Biol Res** 1984; 165:85–92

ULTRASTRUCTURE

Stomatocytic transformation of red blood cells after marathon running. Reinhart WH, et al. **Am J Hematol** 1985 Jun;19(2):201–4

Emission of microvesicles and erythrocytic spherocytation. Martino R, et al. **Gen Physiol Biophys** 1985 Jun;4(3):265–70

Transformation of erythrocytes to spherocytes following incubation with malignant cells. Chaimoff C, et al. **J Submicrosc Cytol** 1985 Jul;17(3):465–8

[A case of congenital high red cell membrane phosphatidyl choline hemolytic anemia with stomatocytosis and increased sodium influx] Fujiwara F, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1819–24 (Eng. Abstr.) **(Jpn)**

ERYTHROCYTOSIS see **POLYCYTHEMIA**

ERYTHRODERMA

Morbilliform erythrodermic fever with purpura. A benign eruptive fever occurring in 6 elderly women. Findlay GH. **S Afr Med J** 1985 Aug 3;68(3):176–9

BLOOD

Distribution of T-cell subpopulations in the peripheral blood of patients with erythrodermic psoriasis. Willemze R, et al. **Arch Dermatol Res** 1985;277(1):19–23

CHEMICALLY INDUCED

Fluorouracil and the palmar-plantar erythrodysesthesia syndrome [letter] Atkins JN. **Ann Intern Med** 1985 Mar; 102(3):419

Erythroderma due to etretinate [letter] Levin J, et al. **Br J Dermatol** 1985 Mar;112(3):373

Shoreline nails: sign of drug-induced erythroderma. Shelley WB, et al. **Cutis** 1985 Mar;35(3):220–2, 224

Plaquenil-induced erythroderma. Slagel GA, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):857–62

Toxic pustuloderma--a new entity? Staughton RC, et al. **J R Soc Med** 1984;77 Suppl 4:6–8

[Case of erythroderma after metal osteosynthesis] Il'in II, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):60–1 (Eng. Abstr.) **(Rus)**

[Toxiderma caused by the topical administration of mercuric sulfate ointment] Vitenchuk SZ, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):61–3 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

[What is your diagnosis? Sézary cells] Viollier AF, et al. **Schweiz Rundsch Med Prax** 1984 Oct 9;73(41):1227–8 **(Ger)**

[Clinical and immunological characteristics of erythrodermal lymphomas of the skin] Shaposhnikov OK, et al. **Vestn Dermatol Venerol** 1985 Jan;(1):4–9 (Eng. Abstr.) **(Rus)**

ETIOLOGY

An unusual association between erythroderma and an occult gastric carcinoma. Harper TG, et al. **Am J Gastroenterol** 1984 Dec;79(12):921–3

Erythroderma with spongiotic dermatitis. Association with common variable hypogammaglobulinemia. White WB, et al. **Am J Med** 1985 Mar;78(3):523–8

[Paraneoplastic erythroderma: apropos of a case] Faure M, et al. **Dermatologica** 1985;170(3):147–51 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Papuloerythroderma. Ofuji S, et al. **Dermatologica** 1984; 169(3):125–30

[Postoperative erythroderma after cardiac operation--with special reference to pathological findings] Yasuura K, et al. **Kyobu Geka** 1984 Oct;37(11):895–9 (Eng. Abstr.) **(Jpn)**

ERYTHRODERMA ICHTHYOSIFORME, BULLOUS see **SKIN DISEASES, BULLOUS**

ERYTHRODERMA ICHTHYOSIFORME, NONBULLOUS see ICHTHYOSIS

ERYTHRODERMA, MACULOPAPULAR see PARAPSORIASIS

ERYTHROGENIN see under ERYTHROPOIETIN

ERYTHROLEUKEMIA

ANALYSIS

HEL and K562 cells: analysis of proteins by two-dimensional gel electrophoresis and comparison to erythroid and nonerythroid cells. Larson AE, et al. **Exp Hematol** 1985 Feb;13(2):129-35

[Polarographic characteristics of DNA preparations isolated from the tissues of rats with Shvets' erythromyelosis] Mazepa IV, et al. **Eksp Onkol** 1985;7(3):65-8 (Eng. Abstr.) **(Rus)**

BLOOD

Schistocytes in erythroleukemia. Atkins JN, et al. **Am J Med Sci** 1985 Mar;289(3):110-3

Molecular and cellular mechanisms of leukemic hemopoietic cell differentiation: an analysis of the Friend system. Tsiftsoglou AS, et al. **Anticancer Res** 1985 Jan-Feb; 5(1):81-99 (134 ref.)

Neutrophils with ring-shaped nuclei in myeloproliferative disease [letter] Stavem P. **Br J Haematol** 1985 Mar; 59(3):559

Protease induction of hemoglobin synthesis but not terminal cell division in K562 cells. Scher W, et al. **Exp Hematol** 1985 Jan;13(1):36-43

Effects of 1-beta-D-arabinofuranosylcytosine and phorbol ester on differentiation of human K562 erythroleukemia cells. Watanabe T, et al. **Mol Pharmacol** 1985 Jun; 27(6):683-8

Expression of spectrin in normal and malignant erythropoiesis. Ekblom M. **Scand J Haematol** 1984 Oct; 33(4):378-85

[Selective cytotoxic effect of immunotoxin on erythroid tumor cells of mice] Tonevitskiĭ AG, et al. **Dokl Akad Nauk SSSR** 1985;282(2):485-8 **(Rus)**

CHEMICALLY INDUCED

Acute leukemia secondary to lung cancer. Case report and review of the literature. de Gramont A, et al. **Oncology** 1985;42(2):107-11

CLASSIFICATION

[Progression and hemopoietic changes in erythroleukemia based on FAB classification] Sato T, et al. **Rinsho Ketsueki** 1985 Jan;26(1):28-35 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

Erythroleukemia in a child: value of immunocytochemistry and transmission electron microscopy in its diagnosis. Laskin WB, et al. **Am J Pediatr Hematol Oncol** 1985 Spring; 7(1):99-103

DRUG THERAPY

Erythroid differentiation of cultured murine erythroleukemia cells by the spermine analogue canavalmine. Fujihara S, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):101-8

The effect of murine interferon-alpha/beta on an established Rauscher murine leukemia virus-induced erythroleukemia in BALB/c mice. Hekman RA, et al. **Int J Cancer** 1985 Apr 15;35(4):515-20

ENZYMOLOGY

Cytochemical detection of erythroblastic enzymes in acquired dyserythropoiesis. Woessner S, et al. **Acta Haematol (Basel)** 1984;72(5):303-8

delta-Aminolevulinate dehydratase in human erythroleukemia cells: an immunologically distinct enzyme. Chang CS, et al. **Blood** 1985 Apr;65(4):939-44

Pattern of pyruvate kinase isozymes in erythroleukemia cell lines and in normal human erythroblasts. Max-Audit I, et al. **Blood** 1984 Oct;64(4):930-6

Ca2+, Mg2+-dependent endonuclease activity in different subpopulations of spleen cells from normal and erythroleukemic mice. McMahon G, et al. **Exp Cell Res** 1985 Apr;157(2):462-74

Changes in isoenzyme patterns expressed by the erythroleukemia cell lines K-562 and HEL after induction of differentiation. Drexler HG, et al. **Hamatol Bluttransfus** 1985;29:430-2

Acid phosphatase and phosphoamino acid phosphatases in murine erythroleukaemic cells. Hammond KD, et al. **Int J Biochem** 1985;17(2):259-64

Characterization of a Ca2+-stimulated Mg2+-dependent adenosine triphosphatase in Friend murine erythroleukemia cell plasma membranes. Debetto P, et al. **J Biol Chem** 1984 Nov 25;259(22):13824-31

A particle-associated ATP-dependent proteolytic activity in erythroleukemia cells. Rieder RF, et al. **J Biol Chem** 1985 Feb 25;260(4):2015-8

Regulation of cyclic 3',5'-adenosine monophosphate phosphodiesterase in Friend erythroleukemia cells. Mason M, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(2):129-42

Growth-dependent expression of multiple species of DNA methyltransferase in murine erythroleukemia cells. Bestor TH, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2674-8

Amplification and expression of phenylalanine hydroxylase in mouse erythroleukemia cells. Brown RM, et al. **Somatic Cell Mol Genet** 1985 May;11(3):203-9

ETIOLOGY

The molecular pathology of Friend erythroleukemia virus strains. An overview. Friend C, et al. **Biochim Biophys Acta** 1985;780(3):181-95 (103 ref.)

Spleen focus-forming virus: relationship of an altered envelope gene to the development of a rapid erythroleukemia. Ruscetti S, et al. **Curr Top Microbiol Immunol** 1984;112:21-44 (128 ref.)

[Modified env gene in Friend spleen focus forming virus--structure, origin, and its role in leukemogenesis] Ikawa Y, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):622-32 (Eng. Abstr.) **(Jpn)**

FAMILIAL & GENETIC

Presence of nucleosomal repeat in the transcribed alpha globin gene of induced murine erythroleukemia cells. Kirov N, et al. **Biochem Biophys Res Commun** 1985 Jul 16; 130(1):364-71

Regulatory factors specific for adult and embryonic globin genes may govern their expression in erythroleukemia cells. Anagnou NP, et al. **Blood** 1985 Mar;65(3):705-12

DNA methylation in differentiating mouse teratocarcinoma and erythroleukemia cells. Aujame L, et al. **Can J Biochem Cell Biol** 1984 Jul;62(7):584-91

Major karyotypic abnormalities in a near-tetraploid erythroleukemia. Kočova MJ, et al. **Cancer Genet Cytogenet** 1985 Jun;17(2):143-50

A study of chromosome content of Friend virus-induced mouse erythroleukemia cells (clone M2) via karyotype reconstruction. Mamaeva SE, et al. **Cancer Genet Cytogenet** 1985 Apr 1;16(3):199-205

Cellular site and mode of Fv-2 gene action. Behringer RR, et al. **Cell** 1985 Feb;40(2):441-7

Selective expression of adult beta-globin but not embryonic y-globin genes in hybrids of mouse yolk-sac and erythroleukemia cells. Obinata M, et al. **Differentiation** 1985;28(3):250-3

Methylation of a middle repetitive DNA sequence class during differentiation in Friend erythroleukemia cells. Tolberg ME, et al. **FEBS Lett** 1984 Oct 15;176(1):250-4

Sequential alterations in globin gene chromatin structure during erythroleukemia cell differentiation. Yu J, et al. **J Biol Chem** 1985 Mar 10;260(5):3035-40

Expression of c-ras and c-myc oncogenes in murine erythroleukemias induced by Friend viruses. Robert-Lezenes J, et al. **Leuk Res** 1984;8(6):975-84

Transfer of human globin genes to human erythroleukemia cells. Spandidos DA. **Mol Biol Med** 1984 Jun;2(3):167-75

Selective expression within the human alpha globin gene complex following chromosome-dependent transfer into diploid mouse erythroleukaemia cells. Zeitlin HC, et al. **Mol Biol Med** 1983 Dec;1(5):489-500

Erythroleukemia (K562) cells contain a functional beta-globin gene. Donovan-Peluso M, et al. **Mol Cell Biol** 1984 Nov;4(11):2553-5

Trans acting regulation of beta globin gene expression in erythroleukemia (K562) cells. Young K, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5203-13

Carbonic anhydrase is aberrantly and constitutively expressed in both human and murine erythroleukemia cells. Frankel SR, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5175-9

c-myc mRNA levels in the cell cycle change in mouse erythroleukemia cells following inducer treatment. Lachman HM, et al. **Proc Natl Acad Sci USA** 1985 Aug; 82(16):5323-7

DNA methylation and regulation of the human beta-globin-like genes in mouse erythroleukemia cells containing human chromosome 11. Ley TJ, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6618-22

IMMUNOLOGY

Inhibition of human NK cell cytotoxicity against K562 cells with glycopeptides from K562 plasma membranes. Decker JM, et al. **J Clin Lab Immunol** 1984 Nov;15(3):137-43

Human monocyte-mediated lysis of antibody-coated tumor cells: the role of the cytoskeleton in monocytes. Espevik T. **J Immunol** 1985 Mar;134(3):2017-25

Treatment of disseminated leukemia with cyclophosphamide and immune cells: tumor immunity reflects long-term persistence of tumor-specific donor T cells. Greenberg PD, et al. **J Immunol** 1984 Dec;133(6):3401-7

Differential Ia antigen expression by autologous human erythroid and B lymphoblastoid cell lines. Symington FW, et al. **J Immunol** 1985 Aug;135(2):1026-32

Macrophage-mediated natural cytotoxicity of dimethyl sulfoxide-treated Friend erythroleukemia cells. Hsu KH, et al. **JNCI** 1985 Jul;75(1):105-10

METABOLISM

K562 human erythroleukemia cell variants resistant to growth inhibition by butyrate have deficient histone acetylation. Ohlsson-Wilhelm BM, et al. **Am J Hum Genet** 1984 Nov;36(6):1225-38

Induction of haemoglobin synthesis in the human leukaemia cell line K562 by monomethyltriazenes and imidazotetrazinones. Tisdale MJ. **Biochem Pharmacol** 1985 Jun 15;34(12):2077-82

Regulation of nucleosomal core histone variant levels in differentiating murine erythroleukemia cells. Grove GW, et al. **Biochemistry** 1984 Sep 11;23(19):4436-43

Phospholipid localization in the plasma membrane of Friend erythroleukemic cells and mouse erythrocytes. Rawyler A, et al. **Biochemistry** 1985 Mar 26;24(7):1777-83

Inhibition of poly(A)-binding protein synthesis in Friend erythroleukemia cells subsequent to heat shock. Sunitha I, et al. **Biochim Biophys Acta** 1985 Jun 24;825(2):214-26

Increase of globin RNA synthesis induced by phosphatidylserine liposomes in isolated erythroleukemic cell nuclei. Morphological and functional features. Cocco L, et al. **Biol Cell** 1985;54(1):49-56

Effect of hemin on poly (A)-containing RNA synthesis and transport from nucleus into cytoplasm in Friend cells of the Fw line. Fuchs O, et al. **Biomed Biochim Acta** 1984; 43(6):S94-7

Biochemically-defined differentiation markers on human early haemopoietic (K562) cells. Turberville C, et al. **Biomed Pharmacother** 1984;38(6):311-4

The binding of insulin-like growth factor II to the erythroleukemia cell line K562. Tally M, et al. **Biosci Rep** 1984 Dec;4(12):1071-7

The iron-chelating agent picolinic acid enhances transferrin receptors expression in human erythroleukaemic cell lines. Testa U, et al. **Br J Haematol** 1985 Jul;60(3):491-502

Cytologic evidence for increased rRNA gene activity in hemin-induced K562(S) cells. de Capoa A, et al. **Cancer Genet Cytogenet** 1985 Jun;17(2):113-22

Stability, targeting, and biodistribution of scandium-46- and gallium-67-labeled monoclonal antibody in erythroleukemic mice. Anderson WT, et al. **Cancer Res** 1985 May;45(5):2154-8

Induction of a novel nuclear protein (p54) by phorbol esters in mouse erythroleukemia (Friend) cells. Mitsuse S, et al. **Cancer Res** 1985 Aug;45(8):3836-42

Tumor-promoting, phorbol ester-induced phosphorylation of cell-surface transferrin receptors in human erythroleukemia cells. Kohno H, et al. **Cell Struct Funct** 1985 Jun;10(2):95-104

Denaturation and condensation of DNA in situ induced by acridine orange in relation to chromatin changes during growth and differentiation of Friend erythroleukemia cells. Darzynkiewicz Z, et al. **Cytometry** 1985 May;6(3):195-207

Characteristics of insulin receptors and insulin action in human myelogenous leukemia cell line K-562. Yamanouchi T, et al. **Diabetes** 1985 Apr;34(4):347-52

Transport of beta-globin mRNA from nuclei of murine Friend erythroleukemia cells. Reversible inhibition of transport by the oxidizing sulfhydryl reagent o-iodosobenzoate. Kindås-Mügge I, et al. **Eur J Biochem** 1985 Apr 1;148(1):49-54

Effects of succinylacetone on dimethylsulfoxide-mediated induction of heme pathway enzymes in mouse friend virus-transformed erythroleukemia cells. Beaumont C, et al. **Exp Cell Res** 1984 Oct;154(2):474-84

Increase in histone acetylation and transitions in histone variants during Friend cell differentiation. Leiter JM, et al. **Exp Cell Res** 1984 Nov;155(1):222-31

Transferrin receptors and iron utilization in DMSO-inducible and -uninducible Friend erythroleukemia cells. Wilczynska A, et al. **Exp Cell Res** 1984 Oct;154(2):561-6

Production of erythropoietin by cloned malignant murine erythroid cells. Choppin J, et al. **Exp Hematol** 1985 Aug; 13(7):610-5

Modulations of glycerophosphorylcholine and phosphorylcholine in Friend erythroleukemia cells upon in vitro-induced erythroid differentiation: a 31P NMR study. Carpinelli G, et al. **FEBS Lett** 1984 Oct 15; 176(1):88-92

Molecular mechanisms regulating the synthesis of transferrin receptors and ferritin in human erythroleukemic cell lines. Louache F, et al. **FEBS Lett** 1985 Apr 22;183(2):223-7

Specificities of acylglycerols and phospholipids for interaction with phorbol ester receptor on Friend leukemia cells. Tanaka K, et al. **Gann** 1985 Jun;76(6):502-7

Iron metabolism in K562 erythroleukemic cells. Bottomley SS, et al. **J Biol Chem** 1985 Jun 10;260(11):6811-5

Extracellular ATP induces ion fluxes and inhibits growth of Friend erythroleukemia cells. Chahwala SB, et al. **J Biol Chem** 1984 Nov 25;259(22):13717-22

Accumulation of porphobilinogen deaminase, uroporphyrinogen decarboxylase, and alpha- and beta-globin mRNAs during differentiation of mouse erythroleukemic cells. Effects of succinylacetone. Grandchamp B, et al. **J Biol Chem** 1985 Aug 15; 260(17):9630-5

Decreased intracellular Na+ concentration is an early event in murine erythroleukemic cell differentiation. Lannigan DA, et al. **J Biol Chem** 1985 Jun 25;260(12):7322-4

Regulation of protein synthesis and accumulation during murine erythroleukemia cell differentiation. Parker D, et al. **J Biol Chem** 1985 Jan 10;260(1):604-9

Identification and differential expression of two forms of regulatory subunits (RII) of cAMP-dependent protein

kinase II in Friend erythroleukemic cells. Differentiation and 8-bromo-cAMP elicit a large and selective increase in the rate of biosynthesis of only one type of RII. Schwartz DA, et al. **J Biol Chem** 1985 May 25;260(10):6296-303
Intracellular movement of cell surface receptors after endocytosis: resialylation of asialo-transferrin receptor in human erythroleukemia cells. Snider MD, et al. **J Cell Biol** 1985 Mar;100(3):826-34
Regulation of K562 cell transferrin receptors by exogenous iron. Rudolph NS, et al. **J Cell Physiol** 1985 Mar; 122(3):441-50
Requirement of spermidine for induction of both heme synthesis and globin transcription in murine erythroleukemia cells. Watanabe T, et al. **J Cell Physiol** 1985 Mar;122(3):435-40
Human alpha- and beta-globin gene transcription in mouse erythroleukaemia cells. Charnay P, et al. **Philos Trans R Soc Lond [Biol]** 1984 Dec 4; 307(1132):261-70
DNA sequences required for regulated expression of beta-globin genes in murine erythroleukaemia cells. Wright S, et al. **Philos Trans R Soc Lond [Biol]** 1984 Dec 4; 307(1132):271-82
Regulation of the transferrin receptor in K562 erythroleukemia cells. Cudkowicz A, et al. **Prog Clin Biol Res** 1984;165:509-19
Synchronization of rapid globin expression in murine erythroleukemic cells. Zucker RM. **Res Commun Chem Pathol Pharmacol** 1985 Feb:47(2):301-4
Binding of transferrin and uptake of iron by K-562 cells. Slørdahl S, et al. **Scand J Clin Lab Invest** 1984 Oct; 44(6):549-53

MICROBIOLOGY

Rat cells infected with anemia-inducing Friend leukemia virus contain integrated replication-competent but not defective proviral genomes. Brown EH, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5925-9
Long terminal repeat of Friend-MCF virus contains the sequence responsible for erythroid leukemia. Ishimoto A, et al. **Virology** 1985 Feb;141(1):30-42

PATHOLOGY

Induced differentiation of murine erythroleukemia cells: cellular and molecular mechanisms. Rifkind RA, et al. **Adv Cancer Res** 1984;42:149-66 (95 ref.)
Inhibition of dimethylsulfoxide-induced differentiation in Friend erythroleukemic cells by diacylglycerols and phospholipase C. Pincus SM, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):491-9
Inhibition of Friend cell erythrodifferentiation by modification of membrane phospholipid composition by choline analogues. Kaiho S, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):175-8
K562 human erythroleukemia cells demonstrate commitment. Rowley PT, et al. **Blood** 1985 Apr;65(4):862-8
Inhibition of DMSO-induced differentiation by hyperthermia in a murine erythroleukemia cell system. Raaphorst GP, et al. **Can J Biochem Cell Biol** 1984 Nov;62(11):1091-6
Differentiation modifiers. Marks PA, et al. **Cancer** 1984 Dec 1;54(11 Suppl):2766-9 (36 ref.)
Protective effect of cholesterol on Friend leukemic cells against photosensitization by hematoporphyrin derivative. Salzberg S, et al. **Cancer Res** 1985 Jul;45(7):3305-10
Fate of Friend leukaemia cells and lymphoma cells injected into mouse blastocysts. Calef E, et al. **Cell Differ** 1984 Dec; 15(2-4):181-4
Induction of erythroid differentiation by cytoplast fusion in mouse erythroleukemia (Friend) cells. Watanabe T, et al. **Exp Cell Res** 1985 Jul;159(1):224-34
K562 cell erythroid differentiation: requirement for a factor in fetal bovine serum. Hicks DG, et al. **Exp Hematol** 1985 May;13(4):273-80
Erythroleukemic infiltration of a lymph node: use of hemoglobin immunohistochemical techniques in diagnosis. Keifer J, et al. **Hum Pathol** 1984 Nov;15(11):1090-3
Induction of erythroid differentiation in K562 cells and natural killer cell-mediated lysis: distinct effects at the level of recognition and lysis in relation to target cell proliferation. Hagner G. **Immunobiology** 1984 Oct; 167(4):389-97
Lack of evidence for activation of a serum factor in protease-induced differentiation of mouse erythroleukemia cells. Scher BM, et al. **In Vitro Cell Dev Biol** 1985 May; 21(5):260-5
The role of Ca2+ in dimethyl sulfoxide-induced differentiation of Friend erythroleukemia cells. Faletto DL, et al. **J Biol Chem** 1985 Apr 25;260(8):4884-9
Protein synthesis in differentiating normal and leukemic erythroid cells. Adkins B, et al. **J Cell Physiol** 1985 May; 123(2):269-76
8-Substituted guanosine and 2'-deoxyguanosine derivatives as potential inducers of the differentiation of Friend erythroleukemia cells. Lin TS, et al. **J Med Chem** 1985 Sep;28(9):1194-8
Inhibition of proliferation and differentiation of mouse erythroleukemia cells by hydroxamic acids. Anders CU, et al. **Leuk Res** 1985;9(4):463-9
Acute erythroblastic leukemia presenting as acute undifferentiated leukemia: a report of two cases with ultrastructural features. Reiffers J, et al. **Leuk Res** 1985; 9(3):413-20
Differentiation of murine erythroleukemia cells by hexamethylenebisamide analogues. Matsuo T, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):926-37
Modulation of gene expression during terminal cell differentiation: murine erythroleukemia. Marks PA, et al. **Symp Fundam Cancer Res** 1984;37:327-40 (58 ref.)
The effects of lead on differentiation of the Friend leukemia cells and rat bone marrow cells. Taketani S, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):374-80
[A case of erythroleukemia with skin involvement] Mizukoshi N, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Apr; 95(4):585-90 **(Jpn)**

PHYSIOPATHOLOGY

On the role of the spleen in Friend virus (F-MuLV-P) erythroleukemia. Kreja L, et al. **Exp Hematol** 1985 Aug; 13(7):623-8

THERAPY

How does interferon inhibit tumor growth? Gresser I. **Interferon** 1985;6:93-126 (116 ref.)
Effector mechanisms operative in adoptive therapy of tumor-bearing animals: implications for the use of interleukin-2. Greenberg PD, et al. **J Biol Response Mod** 1984 Oct;3(5):455-61

ERYTHROMELALGIA

DIAGNOSIS

[Various characteristics of the course of erythromelalgia] Vedrova NN, et al. **Klin Med (Mosk)** 1984 Aug;62(8):136-7 **(Rus)**

ETIOLOGY

Erythromelalgia without thrombocythemia [letter] Alarcón-Segovia D. **Ann Intern Med** 1985 Sep;103(3):473
Erythromelalgia caused by platelet-mediated arteriolar inflammation and thrombosis in thrombocythemia. Michiels JJ, et al. **Ann Intern Med** 1985 Apr;102(4):466-71

PATHOLOGY

Erythromelalgia without arteriolar changes [letter] Priollet P, et al. **Ann Intern Med** 1985 Oct;103(4):639
Uniform vascular response to different aetiological factors [letter] Beranek JT, et al. **Histopathology** 1985 Jun; 9(6):671-3
Histopathology of erythromelalgia in thrombocythaemia. Michiels JJ, et al. **Histopathology** 1984 Jul;8(4):669-78

THERAPY

A way to understand erythromelalgia. Zoppi M, et al. **J Auton Nerv Syst** 1985 May;13(1):85-9

ERYTHROMYCIN

[Erythromycin] Kjaeldgaard P, et al. **Ugeskr Laeger** 1984 Oct 1;146(40):3050-1 **(Dan)**

ADMINISTRATION & DOSAGE

Effects of erythromycin in combination with penicillin, ampicillin, or gentamicin on the growth of Listeria monocytogenes. Penn RL, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):289-94
Warfarin-erythromycin interaction [letter] Bussey HI, et al. **Arch Intern Med** 1985 Sep;145(9):1736-7
Erythromycin for four or seven days against Chlamydia trachomatis [letter] Worm AM, et al. **Genitourin Med** 1985 Aug;61(4):283
Conjunctivitis in neonates [letter] Lane TW, et al. **Infect Control** 1984 Sep;5(9):421
Failure of erythromycin/rifampicin treatment of legionella pneumonia [letter] Mercatello A, et al. **J Infect** 1985 May; 10(3):282-3
Oral erythromycins. **Med Lett Drugs Ther** 1985 Jan 4; 27(678):1-3
Relative bioavailability of enteric coated pellets, stearate and ethylsuccinate formulations of erythromycin. Tjandramaga TB, et al. **Pharmacology** 1984;29(6):305-11
[Erythromycin spirits in the treatment of acne] Voss M. **Dermatol Monatsschr** 1984;170(5):342 **(Ger)**
[Release of erythromycin from enteric-coated tablets] Chałasińska B, et al. **Acta Pol Pharm** 1985;42(1):61-7 (Eng. Abstr.) **(Pol)**
[Treatment of chronic ulcerative-vegetative pyoderma with ericyclin and levamisole] Bukharovich AM, et al. **Vestn Dermatol Venerol** 1985 May;(5):62-4 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Recurrent ventricular tachycardia associated with QT prolongation after mitral valve replacement and its association with intravenous administration of erythromycin. McComb JM, et al. **Am J Cardiol** 1984 Oct 1;54(7):922-3
Ototoxicity: a contemporary review of aminoglycosides, loop diuretics, acetylsalicylic acid, quinine, erythromycin, and cisplatinum. Koegel L Jr. **Am J Otol** 1985 Mar;6(2):190-9
Carbamazepine toxicity induced by concurrent erythromycin therapy. Carranco E, et al. **Arch Neurol** 1985 Feb; 42(2):187-8
Erythromycin ototoxicity: analysis and conclusions based on 22 case reports. Haydon RC, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):678-84
Erythromycin-carbamazepine interaction [letter] Kessler JM. **S Afr Med J** 1985 Jun 29;67(26):1038
[Ototoxic potential of erythromycin] Demaldent JE, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(8):643-7 (Eng. Abstr.) **(Fre)**
[Pseudomembranous colitis complicating treatment with injectable erythromycin (letter)] Detour B, et al. **Presse Med** 1985 May 25;14(21):1199 **(Fre)**
[Torsade de pointes induced by the combination lidocaine-erythromycin and hepatic insufficiency (letter)] Gueugniaud PY, et al. **Presse Med** 1985 Apr 20;14(16):896 **(Fre)**
[Carbamazepine poisoning caused by carbamazepine-erythromycin interaction (letter)] Loiseau P, et al. **Presse Med** 1985 Jan 26;14(3):162 **(Fre)**
[Cochlear toxicity of erythromycin in elderly patients] Hugues FC, et al. **Therapie** 1984 Sep-Oct;39(5):591-4 (Eng. Abstr.) **(Fre)**

ANALOGS & DERIVATIVES

Acute otitis media in older children and adults treated with penicillin or erythromycin. Rosén C, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;407:23-5
Antibiotic treatment of secretory otitis media. Sundberg L. **Acta Otolaryngol [Suppl] (Stockh)** 1984;407:26-9
Topical sulfacetamide vs oral erythromycin for neonatal chlamydial conjunctivitis. Heggie AD, et al. **Am J Dis Child** 1985 Jun;139(6):564-6
Warfarin interaction with erythromycin. Sato RI, et al. **Arch Intern Med** 1984 Dec;144(12):2413-4
Erythromycin estolate impairs the mitochondrial and microsomal calcium homeostasis: correlation with hepatotoxicity. Richelmi P, et al. **Arch Toxicol [Suppl]** 1984; 7:298-302
Some erythromycin derivatives are strong inducers in rats of a cytochrome P-450 very similar to that induced by 16 alpha-pregnenolone carbonitrile. Sartori E, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1434-9
Erythromycin stearate in treating chlamydial infection of the cervix. Hunter JM, et al. **Br J Vener Dis** 1984 Dec; 60(6):387-9
Comparative in vitro evaluation of the antimicrobial activity of flurithromycin by means of the MS-2 Abbott Research System. Periti P, et al. **Chemioterapia** 1985 Apr;4(2):156-60
Absorption of erythromycin stearate and enteric-coated erythromycin base after a single oral dose immediately before breakfast. Schreiner A, et al. **Infection** 1984 Sep-Oct; 12(5):345-8
Studies on the effects of ingestion of a single 500 mg oral dose of erythromycin stearate on leucocyte motility and transformation and on release in vitro of prostaglandin E2 by stimulated leucocytes. Anderson R, et al. **J Antimicrob Chemother** 1984 Jul;14(1):41-50
The pharmacokinetics and tolerance of oral erythromycin stearate compared with erythromycin ethylsuccinate: implications for preventing endocarditis. Shanson DC, et al. **J Antimicrob Chemother** 1984 Aug;14(2):157-63
Erythromycin stearate, 1.5 g, for the oral prophylaxis of streptococcal bacteraemia in patients undergoing dental extraction: efficacy and tolerance. Shanson DC, et al. **J Antimicrob Chemother** 1985 Jan;15(1):83-90
Bioinequivalence of erythromycin ethylsuccinate and enteric-coated erythromycin pellets following multiple oral doses. Yakatan GJ, et al. **J Clin Pharmacol** 1985 Jan-Feb; 25(1):36-42
Chemoprophylaxis with erythromycin stearate or amoxycillin in patients with chronic bronchitis--effects on cellular and humoral immune functions. Ras GJ, et al. **S Afr Med J** 1984 Dec 22-29;66(25):955-8
Hepatotoxic reaction to erythromycin ethylsuccinate. Patel J, et al. **South Med J** 1984 Oct;77(10):1343-4
Rifampicin-erythromycin combination for the treatment of gonococcal urethritis in men. Desudchit P, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):360-3
Characterization of the effects of erythromycin estolate and erythromycin base on the excretory function of the isolated rat liver. Gaeta GB, et al. **Toxicol Appl Pharmacol** 1985 Sep 15;80(2):185-92
[Hepatic involvement induced by erythromycin propionate (letter)] Simon C, et al. **Rev Med Interne** 1985 Jan;6(1):84-5 **(Fre)**
[Antitubercular properties of erythromycin A cyclic 11,12-carbonate in experiments in vitro and in vivo] Janowiec M, et al. **Pol Tyg Lek** 1985 May 27;40(21):604-7 **(Pol)**
[Treatment of non-gonococcal urethritis in men with cyclic erythromycin carbonate (Davercin)] Mroczkowski TF, et al. **Przegl Dermatol** 1984 Jul-Aug;71(4):383-8 (Eng. Abstr.) **(Pol)**
[Davercin--cyclic erythromycin carbonate in the treatment of gonorrhea] Stapiński A, et al. **Przegl Dermatol** 1984 May-Jun;71(3):279-85 (Eng. Abstr.) **(Pol)**

ANALYSIS

Alternate interpretation of the role of water in the erythromycin structure. Baver J, et al. **J Pharm Sci** 1985 Aug;74(8):899–900

ANTAGONISTS & INHIBITORS

[Antibiotic sensitivity of the erythromycin–resistant strain E of Rickettsia prowazekii cultured in the vector's body] Klimchuk ND, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):41–5 (Eng. Abstr.) **(Rus)**

BLOOD

[Serum levels of erythromycin after rectal administration in pediatric practice] de la Pierre L, et al. **G Ital Chemioter** 1984 Sep–Dec;31(3):229–32 (Eng. Abstr.) **(Ita)**

METABOLISM

Effects of experimentally induced Pasteurella haemolytica pneumonia on the pharmacokinetics of erythromycin in the calf. Burrows GE. **Am J Vet Res** 1985 Apr;46(4):798–803

Uptake, accumulation, and egress of erythromycin by tissue culture cells of human origin. Martin JR, et al. **Antimicrob Agents Chemother** 1985 Mar;27(3):314–9

Erythromycin–warfarin interaction [letter] Schwartz JI, et al. **Arch Intern Med** 1984 Oct;144(10):2094

Identification by affinity chromatography of Escherichia coli ribosomal proteins that bind erythromycin and chloramphenicol. Suryanarayana T. **Biochem Int** 1983 Dec;7(6):719–25

Effect of concomitant food intake on absorption kinetics of erythromycin in healthy volunteers. Hovi T, et al. **Eur J Clin Pharmacol** 1985;28(2):231–3

Absorption of erythromycin stearate and enteric–coated erythromycin base after a single oral dose immediately before breakfast. Schreiner A, et al. **Infection** 1984 Sep–Oct;12(5):345–8

Enzymic hydrolysis of erythromycin by a strain of Escherichia coli. A new mechanism of resistance. Barthélémy P, et al. **J Antibiot (Tokyo)** 1984 Dec;37(12):1692–6

Thiopronine and lung levels of erythromycin [letter] Coppi G, et al. **J Antimicrob Chemother** 1984 Sep;14(3):307–8

Influence of bariatric surgery on erythromycin absorption. Prince RA, et al. **J Clin Pharmacol** 1984 Nov–Dec;24(11–12):523–7

Oral neomycin sulfate and erythromycin base before colon surgery: a comparison of serum and tissue concentrations. DiPiro JT, et al. **Pharmacotherapy** 1985 Mar–Apr;5(2):91–4

[Diffusibility of 2 macrolide antibiotics into human extravascular fluids] Magliulo E, et al. **G Ital Chemioter** 1982;29 Suppl 1:89–101 (Eng. Abstr.) **(Ita)**

[Macrolide antibiotics: characteristics of their interaction with organoids, intracellular distribution and the effect of sulfalene] Guliaev AE, et al. **Antibiot Med Biotekhnol** 1985 Feb;30(2):103–6 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Erythromycin mimics exogenous motilin in gastrointestinal contractile activity in the dog. Itoh Z, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G688–94

Isolation and preliminary characterization of erythromycin–resistant variants of Legionella micdadei and Legionella pneumophila. Dowling JN, et al. **Antimicrob Agents Chemother** 1985 Feb;27(2):272–4

Evidence for a disseminated erythromycin resistance determinant mediated by Tn917–like sequences among group D streptococci isolated from pigs, chickens, and humans. Rollins LD, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):439–44

Inducible erythromycin resistance in bacteria. Weisbium B. **Br Med Bull** 1984 Jan;40(1):47–53 (59 ref.)

Macrolide antibiotics and serum theophylline levels in relation to the severity of respiratory impairment: a comparison between the effects of erythromycin and josamycin. Bartolucci L, et al. **Chemioterapia** 1984 Oct;3(5):286–90

Multidrug resistance in M fortuitum [letter] Wallace RJ, et al. **Chest** 1985 Feb;87(2):275–6

Pharmacokinetic interactions of the macrolide antibiotics. Ludden TM. **Clin Pharmacokinet** 1985 Jan–Feb;10(1):63–79 (98 ref.)

Disc diffusion method to screen for high–level resistance to clindamycin and erythromycin in the Bacteroides fragilis group. Callihan DR, et al. **Diagn Microbiol Infect Dis** 1985 Mar;3(2):131–7

Induction of ermC requires translation of the leader peptide. Dubnau D. **EMBO J** 1985 Feb;4(2):533–7

Effects of the virulence plasmid ColV, I–K94 on the sensitivity of Escherichia coli to putative environmental inhibitory agents. de Pacheco CS, et al. **Experientia** 1985 Jan 15;41(1):133–6

Plasmid–mediated susceptibility to intestinal microbiel antagonisms in Escherichia coli. Andremont A, et al. **Infect Immun** 1985 Sep;49(3):751–5

pH and incubation atmosphere influence erythromycin activity against Branhamella catarrhalis [letter] Brorson JE, et al. **J Antimicrob Chemother** 1985 May;15(5):644–5

Presence of two unique genes encoding macrolide–lincosamide–streptogramin resistance in members of the Bacteroides fragilis group as determined by DNA–DNA homology. Callihan DR, et al. **J Antimicrob Chemother** 1984 Oct;14(4):329–38

Resistance in oral streptococci after repeated three–dose erythromycin prophylaxis. Harrison GA, et al. **J Antimicrob Chemother** 1985 Apr;15(4):471–9

Chloramphenicol–erythromycin resistance mutations in a 23S rRNA gene of Escherichia coli. Ettayebi M, et al. **J Bacteriol** 1985 May;162(2):551–7

Nucleotide sequence of ermA, a macrolide–lincosamide–streptogramin B determinant in Staphylococcus aureus. Murphy E. **J Bacteriol** 1985 May;162(2):633–40

Evidence that the clindamycin–erythromycin resistance gene of Bacteroides plasmid pBF4 is on a transposable element. Shoemaker NB, et al. **J Bacteriol** 1985 May;162(2):626–32

Morphological response and growth characteristics of Legionella pneumophila exposed to ampicillin and erythromycin. Elliott TS, et al. **J Med Microbiol** 1985 Jun;19(3):383–90

Erythromycin: a microbial and clinical perspective after 30 years of clinical use (1). Washington JA 2d, et al. **Mayo Clin Proc** 1985 Mar;60(3):189–203

Erythromycin and spiramycin resistance mutations of yeast mitochondria: nature of the rib2 locus in the large ribosomal RNA gene. Sor F, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8313–8

Erythromycin–resistant group A beta–hemolytic streptococci: prevalence at four medical centers. Arthur JD, et al. **Pediatr Infect Dis** 1984 Sep–Oct;3(5):489

A physical and functional analysis of Tn917, a Streptococcus transposon in the Tn3 family that functions in Bacillus. Perkins JB, et al. **Plasmid** 1984 Sep;12(2):119–38

Single dose phenytoin clearance during erythromycin treatment. Bachmann K, et al. **Res Commun Chem Pathol Pharmacol** 1984 Nov;46(2):207–17

Suspected interaction: warfarin and erythromycin. Hassell D, et al. **South Med J** 1985 Aug;78(8):1015–6

Characterization of the effects of erythromycin estolate and erythromycin base on the excretory function of the isolated rat liver. Gaeta GB, et al. **Toxicol Appl Pharmacol** 1985 Sep 15;80(2):185–92

[Why is erythromycin ineffective against enteric bacteria and how does E. coli cause urosepsis?] Mäkelä PH. **Duodecim** 1985;101(3):272–81 **(Fin)**

[Conjugational plasmid transfer from A, B and H streptococci to N streptococci] Riemelt I, et al. **Z Allg Mikrobiol** 1984;24(10):719–23 (Eng. Abstr.) **(Ger)**

[Hydrogen bond and acid–base interactions in erythromycin solutions] Gusakova GV, et al. **Antibiotiki** 1984 Aug;29(8):576–80 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Erythromycin, past, present and future. Symposium, Vettere Konferense– og Studiesenter, Asker, Norway, September 16, 1983. **Acta Otolaryngol [Suppl] (Stockh)** 1984;407:1–69

Neonatal conjunctivitis caused by Chlamydia trachomatis. Sandström I. **Acta Otolaryngol [Suppl] (Stockh)** 1984;407:67–9

Whooping cough––aspects of pathogenesis and treatment. Trollfors B. **Acta Otolaryngol [Suppl] (Stockh)** 1984;407:33–9

Penetration of erythromycin in respiratory tract infections. Walstad RA, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;407:50–4

Erythromycin–sulfisoxazole vs amoxicillin in the treatment of acute otitis media in children. A double–blind, multiple–dose comparative study. Rodriguez WJ, et al. **Am J Dis Child** 1985 Aug;139(8):766–70

Campylobacter fetus subspecies fetus bacteremia. Francioli P, et al. **Arch Intern Med** 1985 Feb;145(2):289–92

Treatment of uncomplicated gonorrhoea in women with a combination of rifampicin and erythromycin. Boakes AJ, et al. **Br J Vener Dis** 1984 Oct;60(5):309–11

Comparison of erythromycin and isoniazid in treatment of adverse reactions to BCG vaccination. Hanley SP, et al. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):970

Treatment of septic arthritis due to Mycobacterium kansasii [letter] Singh G. **Br Med J [Clin Res]** 1985 Mar 16;290(6471):857

Comparative clinical study of josamycin and erythromycin in pertussis. Torre D, et al. **Chemioterapia** 1984 Aug;3(4):255–7

Treatment of patients with a history of recurrent tonsillitis due to group A beta–hemolytic streptococci. A prospective randomized study comparing penicillin, erythromycin, and clindamycin. Brook I, et al. **Clin Pediatr (Phila)** 1985 Jun;24(6):331–6

Erythromycin for BCG infections [letter] Singh G. **Clin Pediatr (Phila)** 1985 Aug;24(8):470

Septic arthritis of the knee due to Neisseria mucosa. Abiteboul M, et al. **Clin Rheumatol** 1985 Mar;4(1):83–5

Spiramycin and erythromycin in the treatment of acute tonsillo–pharyngitis: a comparative study. Soekrawinata T, et al. **Curr Med Res Opin** 1984;9(5):296–300

Treatment of acute tonsillo–pharyngitis: a comparative study of spiramycin and erythromycin. Suprihati, et al. **Curr Med Res Opin** 1984;9(3):192–6

Chlamydia trachomatis sampling during erythromycin treatment. Worm AM, et al. **Dan Med Bull** 1984 Dec;31(6):500–1

Erythromycin and other macrolide antibiotics. Williams JD. **G Ital Chemioter** 1982;29 Suppl 1:11–7

A controlled trial of the use of erythromycin for men with asthenospermia. Baker HW, et al. **Int J Androl** 1984 Oct;7(5):383–8

An evaluation of a 2% erythromycin ointment in the topical therapy of acne vulgaris. Lesher JL Jr, et al. **J Am Acad Dermatol** 1985 Mar;12(3):526–31

Erythromycin compared with a combination of ampicillin plus flucloxacillin for the treatment of community acquired pneumonia in adults. Shanson DC, et al. **J Antimicrob Chemother** 1984 Jul;14(1):75–9

Long–term antibiotic therapy for acne vulgaris: effects on the bowel flora of patients and their relatives. Adams SJ, et al. **J Invest Dermatol** 1985 Jul;85(1):35–7

Erythromycin for pertussis: probable reasons for past failures [letter] Bass JW. **Lancet** 1985 Jul 20;2(8447):147

Prophylactic antibiotics in recurrent erysipelas [letter] Bitnun S. **Lancet** 1985 Feb 9;1(8424):345

Erythromycin for BCG cold abscess [letter] Singh G, et al. **Lancet** 1984 Oct 27;2(8409):979

Erythromycin: a microbial and clinical perspective after 30 years of clinical use (2). Washington JA 2d, et al. **Mayo Clin Proc** 1985 Apr;60(4):271–8 (100 ref.)

Erythromycin intravenous management in neurosyphilis [letter] Lopez–Pousa S, et al. **Neurology** 1985 Oct;35(10):1535

Treatment of acute maxillary sinusitis. Erythromycin base and phenoxymethyl–penicillin (penicillin V). von Sydow C, et al. **Rhinology** 1984 Dec;22(4):247–54

Treatment of tick–bite fever with erythromycin. Miller GB, et al. **S Afr Med J** 1984 Nov 3;66(18):694–7

Management of community–acquired pneumonia in outpatients. Siegel D. **West J Med** 1985 Jan;142(1):45–8

[Comparative clinical study between Rocephin (Roche) and doxycycline, amoxycillin, erythromycin and amoxycillin + metronidazole combination in gynecology] Gaudin G. **Gynakol Rundsch** 1985;25(2):86–95 **(Fre)**

[Haemophilus influenzae infections in infants and macrolides. Importance of the choice of an effective antibiotic and compliance with its administration schedule] Pesnel G, et al. **Pathol Biol (Paris)** 1985 May;33(5):426–9 (Eng. Abstr.) **(Fre)**

[Neonatal syphilis despite erythromycin treatment of the mother] Hartmann JF, et al. **Presse Med** 1984 Oct 6;13(35):2133–5 (Eng. Abstr.) **(Fre)**

[Prevention of endocarditis using amoxycillin, clindamycin or erythromycin. Pharmacokinetic observations] Meier B, et al. **Schweiz Med Wochenschr** 1984 Sep 15;114(37):1252–6 (Eng. Abstr.) **(Ger)**

[Double–blind group comparison of topical meclocycline, erythromycin and placebo in the treatment of papulo–pustulosa acne] Rozman TA, et al. **Z Hautkr** 1984 Dec 1;59(23):1623–34 (Eng. Abstr.) **(Ger)**

[Vancomycin, erythromycin and fusidic acid] Raz R. **Harefuah** 1985 Mar 1;108(5):266–8 **(Heb)**

[Controlled multicentric hospital experimentation in pediatrics: comparison between josamycin and erythromycin] Pavesio D, et al. **G Ital Chemioter** 1982;29 Suppl 1:147–53 (Eng. Abstr.) **(Ita)**

[Josamycin in the treatment of impetigo in childhood: comparison with erythromycin] Rampini E, et al. **G Ital Chemioter** 1982;29 Suppl 1:155–64 (Eng. Abstr.) **(Ita)**

TOXICITY

Effects of erythromycin derivatives on cultured rat hepatocytes. Villa P, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4098–101

Isolation of transformation–deficient Streptococcus pneumoniae mutants defective in control of competence, using insertion–duplication mutagenesis with the erythromycin resistance determinant of pAM beta 1. Morrison DA, et al. **J Bacteriol** 1984 Sep;159(3):870–6

ERYTHROMYCIN ESTOLATE see under **ERYTHROMYCIN**

ERYTHROPLASIA

DIAGNOSIS

An underestimation on the part of dental and medical practitioners regarding the importance of the red lesion [letter] Sciubba JJ. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):174

PATHOLOGY

Asymptomatic early invasive carcinoma [letter] Mashberg A. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):174–5

ERYTHROPOIESIS

Effect of suppression and stimulation of erythropoiesis on CFU–E in mouse spleen. Kapa D, et al. **Acta Haematol (Basel)** 1984;72(5):295–302

Immunohistochemical and ultrastructural study on erythropoiesis in hepatoblastoma. Emura I, et al. **Acta Pathol Jpn** 1985 Jan;35(1):79–86

Hematopoiesis and aging III: Anemia and a blunted erythropoietic response to hemorrhage in aged mice. Boggs DR, et al. **Am J Hematol** 1985 Aug;19(4):327–38

Identification of erythroid colony progenitors in a subset of human peripheral null lymphocytes devoid of Fc receptors. Rosenthal CJ, et al. **Am J Hematol** 1985 Jun;19(2):109–20

Pure red cell aplasia characterized by erythropoietic maturation arrest. Response to anti–thymocyte globulin. Jacobs AD, et al. **Am J Med** 1985 Mar;78(3):515–7

Primary refractory anemia: clinical and laboratory study of erythropoiesis in 16 patients. Dessypris EN, et al. **Am J Med Sci** 1985 Jun;289(6):229–35

Primary myeloproliferative disorder and hepatic vein thrombosis. A prospective study of erythroid colony formation in vitro in 20 patients with Budd–Chiari syndrome. Valla D, et al. **Ann Intern Med** 1985 Sep;103(3):329–34

Hb F production in stressed erythropoiesis: observations and kinetic models. Stamatoyannopoulos G, et al. **Ann NY Acad Sci** 1985;445:188–97

Stimulation of bone marrow erythropoiesis by T lymphocytes of anaemic patients with rheumatoid arthritis. Prouse PJ, et al. **Ann Rheum Dis** 1985 Apr;44(4):220–3

Erythropoiesis in mice with chemically–induced tumor. Ray MR, et al. **Arch Geschwulstforsch** 1985;55(3):161–5

Erythropoietic cells. Eaves CJ, et al. **Bibl Haematol** 1984;(48):81–111

Regulation of erythropoiesis in long–term hamster marrow cultures: role of bone marrow–adherent cells. Eastment CE, et al. **Blood** 1985 Mar;65(3):736–43

Late expression of M and N antigens on glycophorin A during erythroid differentiation. Ekblom M, et al. **Blood** 1985 Jul;66(1):233–6

Production of burst–promoting activity by monoclonal antibody defined malignant T lymphocytes from patients with lymphocytic leukemia and lymphoma. Froom P, et al. **Blood** 1985 Apr;65(4):997–1001

Hypoplastic anemia in B cell chronic lymphocytic leukemia: evolution of T cell–mediated suppression of erythropoiesis in early–stage and late–stage disease. Mangan KF, et al. **Blood** 1985 Sep;66(3):533–41

Large granular lymphocytes have a promoting activity on human peripheral blood erythroid burst–forming units. Pistoia V, et al. **Blood** 1985 Feb;65(2):464–72

Expression of latent hematopoietic progenitor cells in cultures of newborn and adult baboon liver. Roodman GD, et al. **Blood** 1985 Jun;65(6):1518–25

Regulation of human peripheral blood erythroid burst–forming unit growth by T lymphocytes and T lymphocyte subpopulations defined by OKT4 and OKT8 monoclonal antibodies. Wisniewski D, et al. **Blood** 1985 Feb;65(2):456–63

Growth of erythroid colonies in agar cultures of normal human bone marrow. Barr RD, et al. **Blut** 1985 Mar;50(3):179–83

T–cell mediated inhibition of erythropoiesis in transient erythroblastopenia of childhood [letter] Hanada T, et al. **Br J Haematol** 1985 Feb;59(2):391–2

A model for erythropoiesis in experimental chronic renal failure. Mason C, et al. **Br J Haematol** 1984 Dec;58(4):729–40

The anaemia of chronic renal failure in sheep: studies in vitro. Mladenovic J, et al. **Br J Haematol** 1984 Nov;58(3):491–500

The mechanism of the anaemia in rheumatoid arthritis: effects of bone marrow adherent cells and of serum on in–vitro erythropoiesis. Reid CD, et al. **Br J Haematol** 1984 Dec;58(4):607–15

The effects of therapeutic dialysis and renal transplantation on uraemic serum inhibitors of erythropoiesis in vitro. Summerfield GP, et al. **Br J Haematol** 1984 Oct;58(2):295–304

Serum immunoreactive erythropoietin and erythropoiesis in protein–energy malnutrition. Wickramasinghe SN, et al. **Br J Haematol** 1985 Jul;60(3):515–24

Dyserythropoiesis in iron deficiency and in beta–thalassemia. Zago MA, et al. **Braz J Med Biol Res** 1984;17(2):135–42

Changes in enzyme activities involved in the degradation of 1,3–bisphosphoglycerate during erythropoiesis in rat bone marrow. Pineda M, et al. **Cell Biochem Funct** 1984 Oct;2(4):254–6

Synthesis and levels of organic phosphates in erythrocytes during avian development: specific formation of BPG and IP5 in two distinct populations from young chicks. Ruiz–Ruano A, et al. **Cell Biochem Funct** 1984 Oct;2(4):257–62

Induction and modification of erythropoiesis in a suspension culture system derived from long–term bone marrow culture of Syrian hamster. Morioka K, et al. **Cell Differ** 1985 Jul;17(1):49–56

Cell kinetic behaviour of a synchronized population of erythroid precursor cells in vitro. Nijhof W, et al. **Cell Tissue Kinet** 1984 Nov;17(6):629–39

Effect of erythropoietic stimulation of the chamber host on the growth of haemopoietic colonies in plasma clot diffusion chambers (PCDC). Pojda Z, et al. **Cell Tissue Kinet** 1985 Jul;18(4):347–53

Autophagy of mitochondria in rat bone marrow erythroid cells. Relation to nuclear extrusion. Heynen MJ, et al. **Cell Tissue Res** 1985;239(1):235–9

Ferrokinetic and erythrokinetic studies in alpha and beta thalassaemia. Srichaikul T, et al. **Clin Lab Haematol** 1984;6(2):133–40

Blueberry muffin syndrome: cutaneous erythropoiesis and possible intrauterine viral infection. Hendricks WM, et al. **Cutis** 1984 Dec;34(6):549–51

Modulation of nonglobin mRNA levels in erythropoiesis. Mishina Y, et al. **Dev Biol** 1984 Dec;106(2):343–50

Uncoupled synthesis of H1o–like histone H1s during late erythropoiesis in Xenopus laevis. Rutledge RG, et al. **Eur J Biochem** 1984 Oct 1;144(1):191–8

Molecular analysis of erythropoiesis. A current appraisal. Harrison PR. **Exp Cell Res** 1984 Dec;155(2):321–44 (179 ref.)

Influence of histone H5 on mononucleosome structure during differentiation in the avian erythroid series. Haye KR, et al. **Exp Cell Res** 1985 Apr;157(2):504–10

Comparison of erythropoietic response to erythropoietin–secreting stimuli in mice following polycythemia induced by transfusion or hypoxia. Alippi RM, et al. **Exp Hematol** 1985 Mar;13(3):159–62

T–cell regulation of erythropoiesis during acute lymphoblastic leukemia. Bacon ER, et al. **Exp Hematol** 1985 Feb;13(2):104–10

Measurement of human erythroid burst–promoting activity by a specific cell culture assay. Dukes PP, et al. **Exp Hematol** 1985 Jan;13(1):59–66

On the role of the spleen in Friend virus (F–MuLV–P) erythroleukemia. Kreja L, et al. **Exp Hematol** 1985 Aug;13(7):623–8

The proliferative state of early erythropoietic progenitor cells (BFU–E) in human umbilical cord blood: low probability of finding BFU–E in DNA synthesis. Shekhter–Levin S, et al. **Exp Hematol** 1984 Sep;12(8):650–4

Micromethod for colony growth of erythroid and granulocytic cell colonies in glass capillaries. Heilmann E, et al. **Haematologia (Budap)** 1984;17(3):375–81

The erythroblastic nest (EN): cytochemical evidence for its role in the hemoglobinization of maturing erythroid cells. Macario AJ, et al. **Haematologica (Pavia)** 1984 Sep–Oct;69(5):521–31

Dyserythropoiesis in acute lymphoblastic leukemia of childhood. Hrodek O, et al. **Hamatol Bluttransfus** 1985;29:172–3

Polycythemia and the Budd–Chiari syndrome: study of serum erythropoietin and bone marrow erythroid progenitors. Levy VG, et al. **Hepatology** 1985 Sep–Oct;5(5):858–61

Effect of cord blood plasma on erythroid burst formation. Hara M. **Hiroshima J Med Sci** 1984 Sep;33(3):337–40

Induction of erythroid differentiation in K562 cells and natural killer cell–mediated lysis: distinct effects at the level of recognition and lysis in relation to target cell proliferation. Hagner G. **Immunobiology** 1984 Oct;167(4):389–97

Congenital erythropoietic porphyria. Kaur I, et al. **Indian Pediatr** 1984 Nov;21(11):903–8

Regulation of erythropoiesis. Halvorsen S. **Int J Microcirc Clin Exp** 1984;3(2):109–14

Protein synthesis in differentiating normal and leukemic erythroid cells. Adkins B, et al. **J Cell Physiol** 1985 May;123(2):269–76

Stochastic branching model for hemopoietic progenitor cell differentiation. Kurnit DM, et al. **J Cell Physiol** 1985 Apr;123(1):55–63

Thy–1 is a differentiation antigen that characterizes immature murine erythroid and myeloid hematopoietic progenitors. Miller BA, et al. **J Cell Physiol** 1985 Apr;123(1):25–32

Determination of the hemoglobin F program in human progenitor–derived erythroid cells. Friedman AD, et al. **J Clin Invest** 1985 Apr;75(4):1359–68

Activation of the complement system in patients with porphyrias after irradiation in vivo. Lim HW, et al. **J Clin Invest** 1984 Dec;74(6):1961–5

Identification of three accessory cell populations in human bone marrow with erythroid burst–promoting properties. Linch DC, et al. **J Clin Invest** 1985 Apr;75(4):1278–84

Neoplasia and the erythron. Doll DC, et al. **J Clin Oncol** 1985 Mar;3(3):429–46 (250 ref.)

The Fv–2 gene controls induction of erythroid burst formation by Friend virus infection in vitro: studies of growth regulators and viral replication. Bondurant MC, et al. **J Gen Virol** 1985 Jan;66 (Pt 1):83–96

Potential role of parathyroid hormone as an inhibitor of erythropoiesis in the anemia of renal failure. McGonigle RJ, et al. **J Lab Clin Med** 1984 Dec;104(6):1016–26

Pure red blood cell aplasia associated with chronic Epstein–Barr virus infection: evidence for T cell–mediated suppression of erythroid colony forming units. Socinski MA, et al. **J Lab Clin Med** 1984 Dec;104(6):995–1006

Stimulation of multipotential, erythroid and other murine haematopoietic progenitor cells by adherent cell lines in the absence of detectable multi–CSF (IL–3). Li CL, et al. **Nature** 1985 Aug 15–21;316(6029):633–6

T cell and monocyte–derived burst–promoting activity directly act on erythroid progenitor cells. Linch DC, et al. **Nature** 1984 Dec 20–1985 Jan 2;312(5996):775–7

Haemoglobin switching in human embryos: asynchrony of zeta——alpha and epsilon——gamma–globin switches in primitive and definite erythropoietic lineage. Peschle C, et al. **Nature** 1985 Jan 17–23;313(5999):235–8

T lymphocytes, monocytes and erythropoiesis disorders in chronic renal failure. Lamperi S, et al. **Nephron** 1985;39(3):211–5

Suppression of erythropoiesis in mice bearing a transplantable ascites tumor. Ray MR, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):1–11

Age–related red cell enzymes in children with transient erythroblastopenia of childhood and with hemolytic anemia. Beutler E, et al. **Pediatr Res** 1985 Jan;19(1):44–7

Twin transfusion syndrome causing cutaneous erythropoiesis. Schwartz JL, et al. **Pediatrics** 1984 Oct;74(4):527–9

Congenital erythropoietic porphyria. A case report with discussion of different porphyrin excretion patterns. Dahle JS, et al. **Photodermatol** 1984 Aug;1(4):187–90

Newer aspects on the treatment of erythropoietic protoporphyria. Sandberg S. **Photodermatol** 1985 Feb;2(1):1–2

Erythropoietic protoporphyria: therapeutic response to combined erythrocyte exchange and plasmapheresis. Spiva DA, et al. **Photodermatol** 1984 Oct;1(5):211–20

The erythrotropins, new factors which stimulate thymidine incorporation and globin chain synthesis in liver erythroid cells. Congote LF. **Prog Clin Biol Res** 1984;165:29–45

Erythropoietic recovery in human after extended field radiotherapy. Ferrokinetic studies of patients treated by radiotherapy followed by autologous bone marrow transplantation and of patients treated by moderate doses (20 Gy) of radiotherapy. Parmentier C, et al. **Radiother Oncol** 1985 Apr;3(3):257–65

Expression of spectrin in normal and malignant erythropoiesis. Ekblom M. **Scand J Haematol** 1984 Oct;33(4):378–85

Erythropoietin and erythroid differentiation. Goldwasser E, et al. **Symp Fundam Cancer Res** 1984;37:103–7

Is increase of fetal hemoglobin due to erythropoietic stress the result of DNA hypomethylation? DeSimone J, et al. **Trans Assoc Am Physicians** 1983;96:155–64

Congenital erythropoietic porphyria. Kürkçüoğlu M, et al. **Turk J Pediatr** 1985 Jan–Mar;27(1):39–44

Variable in vitro erythropoiesis in patients with transient erythroblastopenia of childhood. Ritchey AK, et al. **Yale J Biol Med** 1985 Jan–Feb;58(1):1–8

[Chromosomal analysis of erythroid progenitor cell colonies (BFU–E) in chronic myelocytic leukemia] Ma J. **Chung Hua Nei Ko Tsa Chih** 1984 Oct;23(10):626–8 (Eng. Abstr.) **(Chi)**

[Present knowledge of the regulation of fetal erythropoiesis] Labohá J. **Cesk Gynekol** 1984 Aug;49(7):515–8 **(Cze)**

[77–year–old patient with normocytic anemia, increased serum iron and ineffective erythropoiesis] Abenhardt W, et al. **Internist (Berlin)** 1984 Jun;25(6):379–82 **(Ger)**

[Liver cirrhosis in erythropoetic protoporphyria: erythrohepatic protoporphyria] Doss M, et al. **Internist (Berlin)** 1985 Jul;26(7):441–5 **(Ger)**

[Transient erythroblastopenia] Schneider H, et al. **Klin Padiatr** 1985 Jan–Feb;197(1):9–12 (Eng. Abstr.) **(Ger)**

[Erythrocyte kinetics and erythrocyte morphology] Riedler GF. **Schweiz Rundsch Med Prax** 1985 Jan 15;74(3):25–30 (17 ref.) (Eng. Abstr.) **(Ger)**

[Immune–mediated inhibition of erythropoiesis in pure red cell aplasia] Hanada T, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Nov;47(7):1383–8 (Eng. Abstr.) **(Jpn)**

[A case of juvenile chronic myelocytic leukemia with prominent erythroblastosis––studies on erythropoietin–dependent erythropoiesis] Kojima S, et al. **Rinsho Ketsueki** 1984 Sep;25(9):1473–8 (Eng. Abstr.) **(Jpn)**

[Natural killer cells in the mechanism of cell cooperation in colony formation and erythropoiesis] Pukhova IaI, et al. **Dokl Akad Nauk SSSR** 1985;282(6):1478–82 **(Rus)**

[Indices of the oxygen–transport properties of the blood and of erythropoiesis in rats after being in a nitrogen–oxygen environment under elevated pressure] Volzhskaia AM, et al. **Fiziol Zh SSSR** 1985 Mar;71(3):320–3 (Eng. Abstr.) **(Rus)**

[Lymphoid cell capacity for erythropoiesis stimulation after local irradiation of the body] Dygai AM, et al. **Gematol Transfuziol** 1984 Dec;29(12):25–6 (Eng. Abstr.) **(Rus)**

[Erythrodieresis in extreme conditions and its role in blood regeneration] Gorbunova NA. **Gematol Transfuziol** 1985 Feb;30(2):23–7 (Eng. Abstr.) **(Rus)**

[The erythroblastic island––functional–anatomic unit of erythropoiesis] Zakharov IuM, et al. **Gematol Transfuziol** 1984 Oct;29(10):51–6 (53 ref.) **(Rus)**

[Immunodepressive effect of cell populations with varying erythropoietic activity in embryos and newborn mice] Tsyrlova IG, et al. **Ontogenez** 1985 Mar–Apr;16(2):143–8 (Eng. Abstr.) **(Rus)**

[Radiosensitivity of a thymocyte subpopulation capable of stimulating erythropoiesis in locally irradiated animals] Dygai AM. **Radiobiologiia** 1984 Nov–Dec;24(6):811–3 (Eng. Abstr.) **(Rus)**

[Proliferative activity of bone marrow erythroid cells in chronic renal failure] Sukiasova TG, et al. **Ter Arkh** 1984;56(7):54–5 (Eng. Abstr.) **(Rus)**

[DNA synthesis and content and the accumulation of total protein and hemoglobin during the differentiation of primary erythroid cells in chickens] Karalova EM, et al. **Tsitologiia** 1985 Jun;27(6):663–9 (Eng. Abstr.) **(Rus)**

[Differentiation pathways of primary erythroid cells in chickens] Karalova EM, et al. **Tsitologiia** 1985 Jun;27(6):656–62 (Eng. Abstr.) **(Rus)**

[Iron metabolism and erythropoiesis in the prenatal and early postnatal periods of the rat] Popov GK, et al. **Zh Evol Biokhim Fiziol** 1984 Nov–Dec;20(6):611–4 (Eng.

Abstr.) (Rus)

[Ferropenic anemia is aregenerative: the use of the IPR (index of reticulocyte production) (letter)] Hernández García MT, et al. **Sangre (Barc)** 1984;29(5):958-9 (Spa)

DRUG EFFECTS

Suppressive effect of acetylsalicylic acid on erythropoietin-responsive cells in mice. Giglio MJ, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(3):229-34

Changes of activities of thymidylate synthetase and dihydrofolate reductase during phenylhydrazine-induced erythropoietic transformation of the mouse spleen. Panfil B, et al. **Acta Pol Pharm** 1984;41(6):703-7

Hemochromatosis, hypogonadism, testosterone, and erythropoiesis [letter] O'Hare JA, et al. **Ann Intern Med** 1985 Jun;102(6):871-2

Rapid restoration of red blood cell mass in severely anemic surgical patients who refuse transfusion. Dudrick SJ, et al. **Arch Surg** 1985 Jun;120(6):721-7

Distinction of human T-cell line (HUT-102)-derived activity stimulating granulocytic colony formation in diffusion chambers in vivo from activities stimulating erythroid and mixed-colony formation in vitro. Niskanen E, et al. **Cancer Res** 1985 Aug;45(8):3493-6

The toxic effects of heavy metals on rat bone marrow in vitro erythropoiesis: protective role of hemin and zinc. Lutton JD, et al. **Environ Res** 1984 Oct;35(1):97-103

Amphotericin-B and monensin potentiation of murine erythropoiesis in vitro: a possible role for sodium ions. Tenaglia AN, et al. **Exp Hematol** 1985 Jul;13(6):512-9

Prostanoid activation of erythropoiesis. Fisher JW, et al. **Haematologia (Budap)** 1984;17(2):137-49

Prostaglandin synthesis inhibitors in erythropoiesis. Pavlović-Kentera V, et al. **Haematologia (Budap)** 1984; 17(2):161-8

Polyamine induced suppression of erythropoiesis in uremia. Radtke W, et al. **Haematologia (Budap)** 1984;17(2):151-60

Platelet-derived growth factor enhances in vitro erythropoiesis via stimulation of mesenchymal cells. Delwiche F, et al. **J Clin Invest** 1985 Jul;76(1):137-42

Influence of cell cycle phase-specific agents on simian fetal hemoglobin synthesis. Letvin NL, et al. **J Clin Invest** 1985 Jun;75(6):1999-2005

Suppression of normal human erythropoiesis by gamma interferon in vitro. Role of monocytes and T lymphocytes. Mamus SW, et al. **J Clin Invest** 1985 May;75(5):1496-503

A monokine stimulates production of human erythroid burst-promoting activity by endothelial cells in vitro. Zuckerman KS, et al. **J Clin Invest** 1985 Feb;75(2):722-5

The antiproliferative effect of murine interferon alpha/beta on early bone marrow-derived erythroid precursors (BFU/e). Gallien-Lartigue O, et al. **J Interferon Res** 1985 Spring;5(2):347-54

Characteristics and function of factors affecting erythropoiesis. Goldwasser E. **KROC Found Ser** 1984; 18:355-62

The effects of interferon on murine erythropoiesis. Huie ML, et al. **Life Sci** 1985 Jul 1;36(26):2459-62

Early effects of cyclophosphamide on plasma iron and ferrokinetics in mice. Aggio MC, et al. **Medicina (B Aires)** 1984;44(2):167-70

Interleukin 3 promotes erythroid burst formation in 'serum-free' cultures without detectable erythropoietin. Goodman JW, et al. **Proc Natl Acad Sci USA** 1985 May; 82(10):3291-5

Prostaglandin E2 mediated effects on the synthesis of fetal and adult hemoglobin in blood erythroid bursts. Datta MC. **Prostaglandins** 1985 Apr;29(4):561-77

ACTH 1-17 as a chronomodulator of different biological activities. Butturini U, et al. **Ric Clin Lab** 1984 Apr-Jun; 14(2):263-5

The effects of lead on differentiation of the Friend leukemia cells and rat bone marrow cells. Taketani S, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):374-80

[Effect of repeated administration of dexamethasone on various indicators of erythropoiesis] Romashko OO, et al. **Gematol Transfuziol** 1985 Jun;30(6):47-9 (Eng. Abstr.) (Rus)

[Thymus-dependent suppression of erythroid colony formation induced by concanavalin A in the cloning of pluripotent hematopoietic stem cells of the spleen] Popov BV, et al. **Tsitologiia** 1985 Jun;27(6):698-702 (Eng. Abstr.) (Rus)

RADIATION EFFECTS

[Effect of Staphylococcus aureus on the formation of hematopoietic colonies in the spleen and on erythropoietic regeneration in mice following irradiation] Khorobrykh VV, et al. **Biol Nauki** 1984;(8):44-7 (Eng. Abstr.) (Rus)

[Erythron reaction in relation to the intensity of a constant magnetic field and duration of exposure] Grebennikov SA, et al. **Patol Fiziol Eksp Ter** 1984 Nov-Dec;(6):72-5 (Eng. Abstr.) (Rus)

[Ability of locally irradiated bone marrow to form erythroid colonies in diffusion chambers] Dygal AM, et al. **Radiobiologiia** 1985 Jan-Feb;25(1):81-3 (Eng. Abstr.) (Rus)

[State of the erythron in rats at late periods following acute radiation injury] Perminova OA. **Radiobiologiia** 1985 Jul-Aug;25(4):539-44 (Eng. Abstr.) (Rus)

ERYTHROPOIETIN

Some chemical properties of human erythropoietin. Wang FF, et al. **Endocrinology** 1985 Jun;116(6):2286-92

ANALYSIS

The role of carbohydrate in erythropoietin action. Dordal MS, et al. **Endocrinology** 1985 Jun;116(6):2293-9

An in vitro assay of erythropoietin at milliunit level. Sen A, et al. **Indian J Biochem Biophys** 1984 Apr;21(2):127-9

High-performance liquid chromatographic separation of serum erythrotropin and erythropoietin. Congote LF. **J Chromatogr** 1984 Oct 12;310(2):396-400

ANTAGONISTS & INHIBITORS

Effect of amines on erythropoietin-stimulated heme synthesis in fetal mouse liver cells. Dulaney JT, et al. **Life Sci** 1985 Apr 29;36(17):1633-42

BIOSYNTHESIS

Role of prostaglandins in hypoxia-stimulated erythropoietin production. Kurtz A, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C3-8

Effects of dibutyryl adenosine 3',5'-cyclic monophosphate on erythropoietin production in human renal carcinoma cell cultures. Hagiwara M, et al. **Blood** 1985 Sep; 66(3):714-7

Production of erythropoietin-like activity by human renal and hepatic carcinomes in cell culture. Okabe T, et al. **Cancer** 1985 May 1;55(9):1918-23

Erythropoietin production in long-term cultures of human renal carcinoma cells. The role of cell population density. Hagiwara M, et al. **Exp Cell Res** 1984 Oct;154(2):619-24

Production of erythropoietin by cloned malignant murine erythroid cells. Choppin J, et al. **Exp Hematol** 1985 Aug; 13(7):610-5

DNA synthesis by erythroid precursors in a completely defined medium: a rapid, sensitive, and convenient bioassay for erythropoietin. Rosenthal A, et al. **Exp Hematol** 1985 Mar;13(3):174-84

Translation of messenger RNA from a renal tumor into a product with the biological properties of erythropoietin. Saito T, et al. **Exp Hematol** 1985 Jan;13(1):23-8

Prostanoid activation of erythropoiesis. Fisher JW, et al. **Haematologia (Budap)** 1984;17(2):137-49

Role of endogenous prostaglandin E2 in erythropoietin production and dome formation by human renal carcinoma cells in culture. Hagiwara M, et al. **J Clin Invest** 1984 Oct; 74(4):1252-61

Hepatic and renal erythropoietin production during various intervals of short-term hypoxia. Naughton BA, et al. **J Med** 1984;15(1):45-58

Decreased response of plasma immunoreactive erythropoietin to 'available oxygen' in anemia of prematurity. Brown MS, et al. **J Pediatr** 1984 Nov;105(5):793-8

Anemia of prematurity: determinants of the erythropoietin response. Stockman JA 3d, et al. **J Pediatr** 1984 Nov; 105(5):786-92

Erythropoietin production in normoxic and hypoxic rats with increased blood O2 affinity. Lechermann B, et al. **Respir Physiol** 1985 Apr;60(1):1-8

BLOOD

Evaluation of some serum erythropoietin concentration procedures using serum-containing and serum-free in vitro bioassays. Dunn CD, et al. **Biochem Med** 1984 Dec; 32(3):311-21

Erythropoietin concentration during the development and recovery from iron deficiency in the rat. Jansson LT, et al. **Blood** 1985 Apr;65(4):959-63

Heterogeneity of erythropoietin-dependent erythrocytosis: case report in a child and synopsis of primary erythrocytosis syndromes. Kulkarni V, et al. **Br J Haematol** 1985 Aug;60(4):751-8

Serum immunoreactive erythropoietin and erythropoiesis in protein-energy malnutrition. Wickramasinghe SN, et al. **Br J Haematol** 1985 Jul;60(3):515-24

Correlation of the interpretation of fetal heart rate records with cord plasma erythropoietin levels. Widness JA, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):326-32

Regulation of the plasma erythropoietin level in hypoxic rats. Fried W, et al. **Exp Hematol** 1984 Oct;12(9):706-11

Polycythemia and the Budd-Chiari syndrome: study of serum erythropoietin and bone marrow erythroid progenitors. Levy VG, et al. **Hepatology** 1985 Sep-Oct;5(5):858-61

Serum erythropoietin in humans at high altitude and its relation to plasma renin. Milledge JS, et al. **J Appl Physiol** 1985 Aug;59(2):360-4

Erythropoietin and inhibitors of in vitro erythropoiesis in the development of anemia in children with renal disease. McGonigle RJ, et al. **J Lab Clin Med** 1985 Apr; 105(4):449-58

Erythropoietin kinetics in normal and uremic sheep. Mladenovic J, et al. **J Lab Clin Med** 1985 Jun;105(6):659-63

Erythropoietin and the anemia of prematurity. Dallman PR. **J Pediatr** 1984 Nov;105(5):756-7

Serum immunoreactive erythropoietin levels in patients with polycystic kidney disease as compared with other hemodialysis patients. Chandra M, et al. **Nephron** 1985; 39(1):26-9

Correlation between bioassay and radioimmunoassay for erythropoietin in human serum and urine concentrates. Cohen RA, et al. **Proc Soc Exp Biol Med** 1985 Jul; 179(3):296-9

[Secondary polycythemia with hypererythropoietinemia. Supratentorial meningioma] Saint-Jean O, et al. **Rev Neurol (Paris)** 1985;141(2):143-5 (Eng. Abstr.) (Fre)

[Clinical significance of erythropoietin] Chiba S, et al. **Rinsho Byori** 1985 Mar;33(3):323-9 (Jpn)

GENETICS

Isolation and characterization of genomic and cDNA clones of human erythropoietin. Jacobs K, et al. **Nature** 1985 Feb 28-Mar 6;313(6005):806-10

Translation of erythropoietin-mRNA extracted from a human hepatocellular carcinoma. Urabe A, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1722-6

IMMUNOLOGY

Identification of a surface epitope of human erythropoietin with anti-peptide antibodies. Sytkowski AJ, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):707-13

METABOLISM

The frequency of bone marrow cells that bind erythropoietin. Weiss TL, et al. **J Cell Biochem** 1985;27(1):57-65

Specific binding of erythropoietin to spleen cells infected with the anemia strain of Friend virus. Krantz SB, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7574-8

PHARMACODYNAMICS

Suppressive effect of acetylsalicylic acid on erythropoietin-responsive cells in mice. Giglio MJ, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(3):229-34

Effect of erythropoietin on the lipid composition of red blood cell membrane. Ghosal J, et al. **Biochem Med** 1984 Aug; 32(1):1-14

The effect of erythropoietin on the mature burst forming unit erythroid in mice. Pavlović-Kentera V, et al. **Blut** 1985 Jul;51(1):33-40

Effects of erythropoietin on uridine metabolism in cell cultures of fetal calf liver. Congote LF. **Can J Biochem Cell Biol** 1984 Feb-Mar;62(2-3):143-9

Comparison of erythropoietic response to erythropoietin-secreting stimuli in mice following polycythemia induced by transfusion or hypoxia. Alippi RM, et al. **Exp Hematol** 1985 Mar;13(3):159-62

The role of erythropoietin, thrombopoietic stimulating factor, and myeloid colony-stimulating factors on murine megakaryocyte colony formation. Williams N, et al. **Exp Hematol** 1984 Oct;12(9):734-40

The regulation of heme biosynthesis during erythropoietin-induced erythroid differentiation. Beru N, et al. **J Biol Chem** 1985 Aug 5;260(16):9251-7

Control of globin gene transcription by erythropoietin in erythroblasts from friend virus-infected mice. Bondurant MC, et al. **Mol Cell Biol** 1985 Apr;5(4):675-83

Radioimmunoassay of haemoglobin F in K 562 cells following induction with renin substrate and erythropoietin. Rosenlöf K, et al. **Scand J Clin Lab Invest** 1985 Jun;45(4):373-8

PHYSIOLOGY

Erythropoietin: a prime regulator of red cell differentiation. Sytkowski AJ. **Biomed Pharmacother** 1984;38(8):369-71

Update on erythropoietin. Fried W, et al. **Int J Artif Organs** 1985 Mar;8(2):79-82 (40 ref.)

Splenic erythroblasts in anemia-inducing Friend disease: a source of cells for studies of erythropoietin-mediated differentiation. Koury MJ, et al. **J Cell Physiol** 1984 Dec; 121(3):526-32

Chromosome aberrations induced by 7,12-dimethylbenz(a)anthracene in rat bone marrow cells—their relationship to chromosome bands and the influence of erythropoietin. Chattopadhyay SC. **Kobe J Med Sci** 1985 Feb;31(1):1-17

Characteristics and function of factors affecting erythropoiesis. Goldwasser E. **KROC Found Ser** 1984; 18:355-62

Selective isolation of murine erythropoietin-responsive progenitor cells (CFU-E) with monoclonal antibodies. Watt SM, et al. **Mol Biol Med** 1983 Jul;1(1):95-115

Erythropoietin and erythroid differentiation. Goldwasser E, et al. **Symp Fundam Cancer Res** 1984;37:103-7

The chemistry and physiology of erythropoietin. Sherwood JB. **Vitam Horm** 1984;41:161-211 (168 ref.)

[A case of juvenile chronic myelocytic leukemia with prominent erythroblastosis—studies on erythropoietin-dependent erythropoiesis] Kojima S, et al. **Rinsho Ketsueki** 1984 Sep;25(9):1473-8 (Eng. Abstr.) (Jpn)

SECRETION

Erythropoietin secretion by isolated rat Kupffer cells. Paul P, et al. **Exp Hematol** 1984 Dec;12(11):825-30

[The kidney as an endocrine organ. II. Active vitamin D metabolites, the natriuretic factor and erythropoietin] Kokot F. **Pol Arch Med Wewn** 1984 Dec;72(6):321-4 (Pol)

URINE

CM Affi-Gel Blue chromatography of human urine: a simple one-step procedure for obtaining erythropoietin suitable for in vitro erythropoietic progenitor assays. Krystal G, et al. **Br J Haematol** 1984 Nov;58(3):533–46

Correlation between bioassay and radioimmunoassay for erythropoietin in human serum and urine concentrates. Cohen RA, et al. **Proc Soc Exp Biol Med** 1985 Jul; 179(3):296–9

ERYTHROSE see under **TETROSES**

ERYTHROSINE see under **FLUORESCEINS**

ESCAPE REACTION

Acute and chronic stress effects on performance in a forced-swim task. Prince CR, et al. **Behav Neural Biol** 1984 Nov;42(2):99–119

The consequences of inescapable shocking: sensitization and motor depression. Golda V, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1982;25(5):403–17

DRUG EFFECTS

Flight induced by infusion of bicuculline methiodide into periventricular structures. Di Scala G, et al. **Brain Res** 1984 Sep 10;309(2):199–208

Effects of thyrotropin-releasing hormone (TRH) and MK-771 on behavior of squirrel monkeys controlled by noxious stimuli. Brady LS, et al. **Peptides (Fayetteville)** 1984 Jul–Aug;5(4):783–7

Librium prevents the analgesia and shuttlebox escape deficit typically observed following inescapable shock. Drugan RC, et al. **Pharmacol Biochem Behav** 1984 Nov;21(5):749–54

Intracortical glutamate injection produces helpless-like behavior in the rat. Petty F, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):531–3

The activation of mice's behavior and reduction of brain beta-adrenergic receptor binding following repeated administration of antidepressant drugs. Nomura S, et al. **Yakubutsu Seishin Kodo** 1984 Nov;4(3):237–41

[Effect of desglycine-arginine vasopressin on the excitability of the command neurons of the defensive reflex in the edible snail] Kudriashova IV, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):5–7 (Eng. Abstr.) **(Rus)**

[Substance P in the central mechanisms of the escape reaction] Zilov VG, et al. **Biull Eksp Biol Med** 1985 Jul; 100(7):6–8 (Eng. Abstr.) **(Rus)**

[Model of the defense reaction in rats to study the antifenamine effect of neuroleptics for demonstrating their specific action] Baturin VA, et al. **Farmakol Toksikol** 1984 Sep–Oct;47(5):110–3 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

An investigation of the alarm response in Bufo boreas and Rana cascadae tadpoles. Hews DK, et al. **Behav Neural Biol** 1985 Jan;43(1):47–57

Defeat, learned submissiveness, and analgesia in mice: effect of genotype. Siegfried B, et al. **Behav Neural Biol** 1984 Sep;42(1):91–7

Analyzing cockroach escape behavior with lesions of individual giant interneurons. Comer CM. **Brain Res** 1985 Jun 3;335(2):342–6

An assessment of the antinociceptive and aversive effects of stimulating identified sites in the rat brain. Prado WA, et al. **Brain Res** 1985 Aug 12;340(2):219–28

Forebrain structures regulating flight behavior in the cat. Shaikh MB, et al. **Brain Res Bull** 1985 Mar;14(3):217–21

Conduction block in a branching axon innervating two muscles under physiological conditions. Baranes-Shahrabany O, et al. **J Neurobiol** 1984 Jul; 15(4):263–71

The tail flattening reflex in Lumbricus: reconstitution after tail amputation and modifications in segmental nerve roots. Gras H. **J Neurobiol** 1984 Jul;15(4):249–61

Restoration of sensory and motor function in earthworm escape reflex pathways following ventral nerve cord transplantation. Vining EP, et al. **J Neurobiol** 1985 Jul; 16(4):301–15

Crayfish escape behavior: production of tailflips without giant fiber activity. Kramer AP, et al. **J Neurophysiol** 1984 Aug;52(2):189–211

Segmental differences in pathways between crayfish giant axons and fast flexor motoneurons. Miller LA, et al. **J Neurophysiol** 1985 Jan;53(1):252–65

Avoidance and escape components of leg position learning in the prothoracic and mesothoracic ganglia of the cockroach, P. americana. Eisenstein EM, et al. **Physiol Behav** 1985 Jan;34(1):129–32

Effects of hypothalamic lesions on central gray stimulation induced escape behavior and on withdrawal reactions in the rat. Sandner G, et al. **Physiol Behav** 1985 Feb; 34(2):291–7

Interactions between aversive and rewarding effects of hypothalamic stimulations. Schmitt P, et al. **Physiol Behav** 1984 Apr;32(4):617–27

[Study of lever-holding phenomenon during the escape reaction in rats] Inozemtsev AN. **Biol Nauki** 1985;(4):47–53 (Eng. Abstr.) **(Rus)**

[Exaltation phenomenon during the teaching of an instrumental defense reflex to animals of various ages] Lozovskaia RG. **Zh Vyssh Nerv Deiat** 1985 Jan–Feb; 35(1):87–93 (Eng. Abstr.) **(Rus)**

ESCHERICHIA

CLASSIFICATION

Escherichia fergusonii and Enterobacter taylorae, two new species of Enterobacteriaceae isolated from clinical specimens. Farmer JJ 3d, et al. **J Clin Microbiol** 1985 Jan; 21(1):77–81

ISOLATION & PURIFICATION

Colonization of human wounds by Escherichia vulneris and Escherichia hermannii. Pien FD, et al. **J Clin Microbiol** 1985 Aug;22(2):283–5

Escherichia vulneris: isolation and treatment. Dye KR, et al. **South Med J** 1984 Dec;77(12):1607

[Survival of pathogenic Escherichia in the soil] Iurovskaia EM. **Gig Sanit** 1985 Jun;(6):71–2 **(Rus)**

ESCHERICHIA COLI

Inhibitory action of the Chinese medicinal preparation—anti-inflammatory agent No. 6—on DIC resulting from endotoxin: experimental study. Lin JS, et al. **Acta Acad Med Wuhan** 1985;5(1):23–9

Mediation of endotoxin-induced changes in zinc metabolism in rats. DiSilvestro RA, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):E436–41

Interaction of cholera toxin and Escherichia coli enterotoxin with isolated intestinal epithelial cells. Hyun CS, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G623–31

Endotoxin increases vasopressin release independently of known physiological stimuli. Kasting NW, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):E420–4

Participation of central alpha-receptors on hemodynamic response to E. coli endotoxin. Koyama S. **Am J Physiol** 1984 Oct;247(4 Pt 2):R655–62

Glucose kinetics and body temperature after lethal and nonlethal doses of endotoxin. Lang CH, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):R471–8

Hepatic glycerol flux after E. coli endotoxin administration. McGuinness OP, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R687–92

Alteration of adipocyte calcium homeostasis by Escherichia coli endotoxin. Nelson KM, et al. **Am J Physiol** 1985 Mar; 248(3 Pt 2):R331–8

Stimulation and killing of bovine mononuclear leukocytes by bacterial lipopolysaccharide (endotoxin). Banks KL, et al. **Am J Vet Res** 1985 Jul;46(7):1568–72

Alterations in coagulation and hemograms of horses given endotoxins for 24 hours via hepatic portal infusions. Duncan SG, et al. **Am J Vet Res** 1985 Jun;46(6):1287–93

Effects of flunixin meglumine on blood pressure and fluid compartment volume changes in ponies given endotoxin. Dunkle NJ, et al. **Am J Vet Res** 1985 Jul;46(7):1540–4

Endotoxin-induced hematologic and blood chemical changes in ponies: effects of flunixin meglumine, dexamethasone, and prednisolone. Ewert KM, et al. **Am J Vet Res** 1985 Jan;46(1):24–30

Cellular and lipopolysaccharide subunit requirements for the caprine lymphoblastogenic response to endotoxin. Greenlee A, et al. **Am J Vet Res** 1985 Jan;46(1):75–9

Effects of endotoxemia on lung water and hemodynamics in conscious calves. Olson NC, et al. **Am J Vet Res** 1985 Mar;46(3):711–8

Endotoxic shock in the awake young pig: absence of beneficial effect of prednisolone sodium succinate treatment. Schrauwen EM, et al. **Am J Vet Res** 1985 Aug; 46(8):1770–4

Effect of Escherichia coli endotoxin and thyrotropin-releasing hormone on prolactin in lactating sows. Smith BB, et al. **Am J Vet Res** 1985 Jan;46(1):175–80

Effect of endotoxin administration on body fluid compartments in the horse. Spurlock GH, et al. **Am J Vet Res** 1985 May;46(5):1117–20

Flunixin meglumine attenuation of endotoxin-induced damage to the cardiopulmonary vascular endothelium of the pony. Turek JJ, et al. **Am J Vet Res** 1985 Mar; 46(3):591–6

Influence of endotoxin-induced fever on the pharmacokinetics of gentamicin in ewes. Wilson RC, et al. **Am J Vet Res** 1984 Dec;45(12):2495–7

Modification of pulmonary responses to endotoxemia in awake sheep by steroidal and nonsteroidal anti-inflammatory agents. Begley CJ, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1140–6

A fibrinolytic inhibitor of human alveolar macrophages. Induction with endotoxin. Chapman HA Jr, et al. **Am Rev Respir Dis** 1985 Sep;132(3):569–75

Effects of OKY-046, a selective thromboxane synthetase inhibitor, on endotoxin-induced lung injury in unanesthetized sheep. Kubo K, et al. **Am Rev Respir Dis** 1985 Sep;132(3):494–9

Neutrophil alveolitis following endotoxemia. Enhancement by previous exposure to hyperoxia. Rinaldo JE, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1065–71

Protective effect of previous burn on murine endotoxemia. Spillert CR, et al. **Am Surg** 1984 Dec;50(12):653–5

Comparison of several control standard endotoxins to the National Reference Standard Endotoxin—an HIMA collaborative study. Pearson FC, et al. **Appl Environ Microbiol** 1985 Jul;50(1):91–3

Pulmonary dysfunction secondary to soft-tissue endotoxin. Wenger H, et al. **Arch Surg** 1985 Feb;120(2):159–65

Platelet activating factor (PAF) involvement in endotoxin-induced hypotension in rats. Studies with PAF-receptor antagonist kadsurenone. Doebber TW, et al. **Biochem Biophys Res Commun** 1985 Mar 29; 127(3):799–808

Solubilization of bacterial cells in organic solvents via reverse micelles. Häring G, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):911–5

In vivo and in vitro studies of bacterial endotoxin-membrane interactions and the effects of membrane-active agents. Garnett ME, et al. **Br J Pharmacol** 1984 Sep;83(1):15–21

Systemic hypoglycemia following central injection of endotoxin in mice. Amir S, et al. **Brain Res** 1985 Jul 29; 339(2):382–5

Role of sympathetic nerve activity in endotoxin induced hypotension in cats. Koyama S, et al. **Cardiovasc Res** 1985 Jan;19(1):32–7

Influence of membrane perturbation elicited after hormone treatment (hormonal imprinting) on the later hormone binding capacity of Tetrahymena pyriformis. Nozawa Y, et al. **Cell Mol Biol** 1985;31(1):13–6

Endotoxin-induced eicosanoid production by equine vascular endothelial cells and neutrophils. Bottoms GD, et al. **Circ Shock** 1985;15(3):155–62

Persistent hyperinsulinemia due to induced euglycemia in awake endotoxic minipigs. Hand MS, et al. **Circ Shock** 1984;14(3):169–87

Protective effects and role of endotoxin in experimental septicemia. Urbaschek B, et al. **Circ Shock** 1984; 14(4):209–22

Increased plasma levels of vasoactive intestinal polypeptide in pigs during endotoxinaemia. Revhaug A, et al. **Eur Surg Res** 1985;17(2):75–82

Derangement of hepatic energy metabolism in lead-sensitized endotoxicosis. Taki Y, et al. **Eur Surg Res** 1985;17(3):140–9

Endotoxin-induced ocular inflammation increases prostaglandin E2 synthesis by rabbit lens. Fleisher LN, et al. **Exp Eye Res** 1985 May;40(5):711–9

Response of sheep after localized deposition of lipopolysaccharide in the lung. Brogden KA, et al. **Exp Lung Res** 1984;7(2):123–32

Parenteral soya bean fat emulsions potentiate the hepatotoxicity of E. coli endotoxin in suckling rats. Heinonen KM, et al. **Experientia** 1984 Dec 15; 40(12):1439–40

Effect of endotoxin on fibronectin and Kupffer cell activity. Richards PS, et al. **Hepatology** 1985 Jan–Feb;5(1):32–7

The effects of intestinal Escherichia coli 263, intravenous infusion of Escherichia coli 263 culture filtrate and iron dextran supplementation on iron metabolism in the young pig. Knight CD, et al. **J Anim Sci** 1984 Dec;59(6):1519–28

Modification of lymph by sheep caudal mediastinal node: effect of intranodal endotoxin. Adair TH, et al. **J Appl Physiol** 1984 Nov;57(5):1597–601

Effect of endotoxemia on hypoxic pulmonary vasoconstriction in unanesthetized sheep. Hutchison AA, et al. **J Appl Physiol** 1985 May;58(5):1463–8

Bacterial lipopolysaccharide induction of ornithine decarboxylase in the macrophage-like cell line RAW264: requirement of an inducible soluble factor. Taffet SM, et al. **J Cell Physiol** 1985 Feb;122(2):215–20

Effect of reaming the papillary duct of cows' teats on keratin removal and penetrability of the duct to implanted Escherichia coli endotoxin. Schultze WD, et al. **J Dairy Res** 1985 Aug;52(3):361–8

Identification of enterotoxigenic Escherichia coli-producing heat-labile enterotoxin by an enzyme-linked immunosorbent assay on single colonies grown on MacConkey agar plates. Honda T, et al. **J Diarrhoeal Dis Res** 1984 Dec;2(4):223–7

Kinetics of endotoxin release during antibiotic therapy for experimental gram-negative bacterial sepsis. Shenep JL, et al. **J Infect Dis** 1984 Sep;150(3):380–8

Cell migration attachment and orientation in vitro are enhanced by partial demineralization of dentine and cementum and inhibited by bacterial endotoxin. Pitaru S, et al. **J Periodont Res** 1984 Nov;19(6):661–5

Chemotactic activity of plasma and lung lymph in sheep with endotoxemia: effect of hydroxyl radical scavengers. Palder SB, et al. **J Surg Res** 1985 Feb;38(2):162–72

Neuraminidase associated with coliphage E that specifically depolymerizes the Escherichia coli K1 capsular polysaccharide. Tomlinson S, et al. **J Virol** 1985 Aug; 55(2):374–8

Expression of coliphage T7 in aging anucleate minicells of Escherichia coli. Libby RT, et al. **Mech Ageing Dev** 1984 Oct 15;27(2):197–206

Enhanced phospholipase A2 activity in rat plasma, liver, and intestinal mucosa following endotoxin treatment: a possible explanation for the protective effect of indomethacin in endotoxic shock. Shakir KM, et al. **Metabolism** 1985 Feb; 34(2):176–82

Changes in leukocyte count, blood glucose and coagulation system in calves injected with Escherichia coli endotoxin. Yagi Y, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Winter;23(4):158–60

The enteric nervous system participates in the secretory response to the heat stable enterotoxins of Escherichia coli in rats and cats. Eklund S, et al. **Neuroscience** 1985 Feb; 14(2):673-81

Destruction of salmonellae, Escherichia coli, and Staphylococcus aureus inoculated into and onto beef during dry-oven roasting. Shigehisa T, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):251-7

Effect of E. coli ectotoxin on calcium and phosphate concentration in serum of dairy cows. Sandstedt H, et al. **Nord Vet Med** 1984 Nov-Dec;36(11):406-7

The influence of prazosin on E. coli lipopolysaccharide-induced fever and noradrenaline hyperthermia. Matuszek M, et al. **Pol J Pharmacol Pharm** 1984 Nov-Dec;36(6):585-93

Multimeric complement component C9 is necessary for killing of Escherichia coli J5 by terminal attack complex C5b-9. Joiner KA, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4808-12

Radio- and thermosensitivity of E. coli K1060 after thiol depletion by diethylmaleate. Konings AW, et al. **Radiat Environ Biophys** 1984;23(4):245-53

Effect of intravenous and intraduodenal administration of Escherichia coli endotoxin on the porcine pancreas as evaluated by changes in the serum cationic trypsin-like immunoreactivity. Florholmen J, et al. **Scand J Gastroenterol** 1985 Apr;20(3):279-84

Portal and systemic plasma VIP and secretin during intravenous infusion of Escherichia coli endotoxin in pigs. Lygren I, et al. **Scand J Gastroenterol** 1984 Nov; 19(8):1048-52

Influence of cyproheptadine on endotoxin-induced disseminated intravascular coagulation (DIC) in weaned pigs. Nowak G, et al. **Thromb Haemost** 1985 Apr 22; 53(2):252-4

Isolation and characterization of the heat stable enterotoxin from a pathogenic bovine strain of Escherichia coli. Gerday C, et al. **Vet Microbiol** 1984 Aug;9(4):399-414

Clinical and experimental modifications of plasma iron and zinc concentrations in cattle. Depelchin BO, et al. **Vet Rec** 1985 May 11;116(19):519-21

Localization of intravenously injected lipopolysaccharide (LPS) in the spleen of the mouse. An immunoperoxidase and histochemical study. Groeneveld PH, et al. **Virchows Arch [Cell Pathol]** 1985;48(3):237-45

Temperature and milk composition responses to infusion of E. coli LPS and S. aureus vaccines in the goat. Jarman RF, et al. **Zentralbl Veterinarmed** [A] 1984 Dec; 31(10):740-50

Depressed bacterial growth in whey during endotoxin induced mastitis. Mattila T, et al. **Zentralbl Veterinarmed** [B] 1985 Feb;32(2):85-92

[Changes in the white blood picture and the T- and B-lymphocyte counts in the peripheral blood of pigs after treatment with E. coli endotoxin] Andonova M, et al. **Vet Med Nauki** 1984;21(6):101-6 (Eng. Abstr.) (Bul)

[Effect of E. coli endotoxin on the amount of 2,3-diphosphoglycerate in rabbits] Angelov G, et al. **Vet Med Nauki** 1984;21(7-8):106-12 (Eng. Abstr.) (Bul)

[Experimental study on acute lung injury induced by E. coli endotoxin in the rat] Yan YZ. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1985 Feb;8(1):7-10, 60 (Eng. Abstr.) (Chi)

[Method for the detection and determination of heat-labile Escherichia coli enterotoxin by an immunoenzyme technic on a new polystyrene support adapted for a test kit] Germani Y, et al. **Ann Microbiol (Paris)** 1984 Nov-Dec; 135B(3):297-310 (Eng. Abstr.) (Fre)

[Metabolites of carbohydrate and energy metabolism in the liver of the rat following different endotoxin doses] Kopprasch S, et al. **Z Med Lab Diagn** 1984;25(7):360-6 (Eng. Abstr.) (Ger)

[Bacterial lipopolysaccharides: comparative analysis of the cardiovascular effects of E. coli, S. sonnei and Y. enterocolitica in anesthetized rats] Altavilla D, et al. **G Batteriol Virol Immunol** 1983 Jan-Jun;76(1-6):20-4 (Eng. Abstr.) (Ita)

[Phagocytic and intracellular killing activity of rat macrophages: critical analysis of 2 different evaluation methods] Iannello D, et al. **G Batteriol Virol Immunol** 1984 Jan-Jun;77(1-6):45-53 (Eng. Abstr.) (Ita)

[The mechanism of action of E.coli endotoxin on oxidative phosphorylation of the rat liver mitochondria] Ishiyama S, et al. **Nippon Geka Gakkai Zasshi** 1985 Jan;86(1):23-31 (Eng. Abstr.) (Jpn)

[Studies on the pharmacological bases of fetal toxicity of drugs (VII). Enhancement effect of bacterial pyrogen on the fetal toxicity of salicylic acid] Itami T, et al. **Nippon Yakurigaku Zasshi** 1984 Nov;84(5):411-6 (Eng. Abstr.) (Jpn)

[Endogenous intoxication in peritonitis (review of the literature)] Kriger AG, et al. **Vestn Khir** 1985 Mar; 134(3):130-3 (42 ref.) (Rus)

[Antimicrobial properties of acupuncture needles] Gaponiuk PIa, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):47-9 (Eng. Abstr.) (Rus)

[Physicochemical and biological properties of double-stranded RNA--an interferon inducer] Feldmane GIa, et al. **Vopr Virusol** 1984 Jul-Aug;29(4):463-8 (Eng. Abstr.) (Rus)

[Protective properties of plasma from burned and irradiated rats in relation to the in vivo lethal effects of endotoxins] Budagov RS, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):96-9 (Eng. Abstr.) (Rus)

ANALYSIS

Specificities in the phospholipid and fatty acid composition of the stable protoplast type L-form of Escherichia coli B. Gumpert J, et al. **Acta Microbiol Bulg** 1984;15:17-23

Preparation and characterization of myosin from cultured cells of Escherichia coli (02:K1 30156 strain). Fazekas S, et al. **Acta Physiol Hung** 1985;65(1):37-46

Ionic-exchange high-performance liquid chromatography of Escherichia coli ribosomal small-subunit proteins. Flamion PJ, et al. **Anal Biochem** 1985 Jun;147(2):458-61

An improved bulk purification method for Escherichia coli elongation factor, Ts. Yoder M, et al. **Anal Biochem** 1984 Sep;141(2):351-4

Quantitative measurement of single- and double-strand breakage of DNA in Escherichia coli by the antitumor antibiotics bleomycin and talisomycin. Mirabelli CK, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):460-7

An appraisal of a cell culture test. Comparative screening methods for revealing the E. coli thermolabile enterotoxin (L.T.). Gaicu N, et al. **Arch Roum Pathol Exp Microbiol** 1984 Apr-Jun; 43(2):179-83

High-affinity calcium-binding proteins in Escherichia coli. Harmon AC, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):31-6

Specific and non specific Escherichia coli ribonucleic acid polymerase DNA complexes are not hydrodynamically equivalent in analytical band sedimentation. Schmitt B, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):321-7

Identification by affinity chromatography of Escherichia coli ribosomal proteins that bind erythromycin and chloramphenicol. Suryanarayana T. **Biochem Int** 1983 Dec; 7(6):719-25

Characterization of human interleukin 2 derived from Escherichia coli. Liang SM, et al. **Biochem J** 1985 Jul 15; 229(2):429-39

3-Deoxy-D-arabino-heptulosonic acid 7-phosphate: chemical synthesis and isolation from Escherichia coli auxotrophs. Frost JW, et al. **Biochemistry** 1984 Sep 11; 23(19):4465-9

Electron microscopy of secondary structure in partially denatured Escherichia coli 16S rRNA and 30S subunits. Klein BK, et al. **Biochemistry** 1984 Aug 14;23(17):3927-33

Escherichia coli single-stranded DNA binding protein is mobile on DNA: 1H NMR study of its interaction with oligo- and polynucleotides. Römer R, et al. **Biochemistry** 1984 Dec 4;23(25):6132-7

Optically detected magnetic resonance of Escherichia coli glutamic acid specific transfer ribonucleic acid and its anticodon-anticodon complex with yeast phenylalanine-specific transfer ribonucleic acid. Taherian MR, et al. **Biochemistry** 1984 Dec 18;23(26):6614-8

Rotational dynamics of transfer ribonucleic acid: effect of ionic strength and concentration. Thomas JC, et al. **Biochemistry** 1984 Nov 6;23(23):5407-13

Identification and synthesis of a naturally occurring selenonucleoside in bacterial tRNAs: 5-[(methylamino)methyl]-2-selenouridine. Wittwer AJ, et al. **Biochemistry** 1984 Sep 25;23(20):4650-5

Putrescine distribution in Escherichia coli studied in vivo by 13C nuclear magnetic resonance. Frydman B, et al. **Biochim Biophys Acta** 1984 Dec 11;805(4):337-44

Characterisation of channels induced in planar bilayer membranes by detergent solubilised Escherichia coli porins. Lakey JH, et al. **Biochim Biophys Acta** 1985 Jul 25; 817(2):208-16

Evidence for multiple molecular weight forms of somatostatin-like material in Escherichia coli. LeRoith D, et al. **Biochim Biophys Acta** 1985 Mar 8;838(3):335-42

Studies on the primary structure and antigenic determinants of pilin isolated from Pseudomonas aeruginosa K. Sastry PA, et al. **Can J Biochem Cell Biol** 1985 Apr;63(4):284-91

Purified colicin as cytotoxic agent of neoplasia: comparative study with crude colicin. Farkas-Himsley H, et al. **Cytobios** 1985;42(167-168):193-207

Interaction of Escherichia coli matrix protein with Brucella abortus peptidoglycan and chitin. Moryión I, et al. **Dev Biol Stand** 1984;56:227-34

Secondary structure of a channel-forming protein: porin from E. coli outer membranes. Kleffel B, et al. **EMBO J** 1985 Jun;4(6):1589-92

Variability in the nucleic acid binding site size and the amount of single-stranded DNA-binding protein in Escherichia coli. Bobst EV, et al. **FEBS Lett** 1985 Feb 11;181(1):133-7

Degradation of somatomedins by the thioredoxin system. Enberg G, et al. **FEBS Lett** 1985 Apr 8;183(1):52-4

Topography of RNA in the ribosome: location of the 5 S RNA residues A39 and U40 on the central protuberance of the 50 S subunit. Evstafieva AG, et al. **FEBS Lett** 1985 Jun 3;185(1):57-62

Affinity of protein HU for different nucleic acids. Holck A, et al. **FEBS Lett** 1985 Jun 3;185(1):121-4

On a sequence similarity between ribosomal protein S5 and DNA binding protein II. Wilson KS, et al. **FEBS Lett** 1985 Mar 25;182(2):249-52

Immunochemical characterization of P pili from invasive Escherichia coli. Hanley J, et al. **Infect Immun** 1985 Sep; 49(3):581-6

Biochemical and immunobiological properties of lipopolysaccharide (LPS) from Bacteroides gingivalis and comparison with LPS from Escherichia coli. Koga T, et al. **Infect Immun** 1985 Mar;47(3):638-47

Activation and inhibition of Limulus amebocyte lysate coagulation by chemically defined substructures of lipid A. Proctor RA, et al. **Infect Immun** 1985 Aug;49(2):286-90

Fimbria-like hemagglutinin of Escherichia coli O75 strains. Väisänen-Rhen V. **Infect Immun** 1984 Nov;46(2):401-7

Detection of Escherichia coli enterotoxins by using mouse adrenal cell and suckling mouse assays: collaborative study. Lovett J, et al. **J Assoc Off Anal Chem** 1984 Sep-Oct; 67(5):946-9

Phosphoglycerides and phospholipase C in membrane fractions of Escherichia coli B. Bayer MH, et al. **J Bacteriol** 1985 Apr;162(1):50-4

Localization of acyl carrier protein in Escherichia coli. Jackowski S, et al. **J Bacteriol** 1985 Apr;162(1):5-8

Quantitation with monoclonal antibodies of Escherichia coli H protein suggests histone function. Lutz H, et al. **J Bacteriol** 1985 Jun;162(3):1005-7

High-molecular-weight components in lipopolysaccharides of Salmonella typhimurium, Salmonella minnesota, and Escherichia coli. Peterson AA, et al. **J Bacteriol** 1985 May; 162(2):738-45

Amount and chain length of polyphosphates in Escherichia coli depend on cell growth conditions. Rao NN, et al. **J Bacteriol** 1985 Apr;162(1):242-7

Location of some proteins involved in peptidoglycan synthesis and cell division in the inner and outer membranes of Escherichia coli. Rodríguez-Tébar A, et al. **J Bacteriol** 1985 Jan;161(1):243-8

Correlation of chloroplast and bacterial ribosomal proteins by cross-reactions of antibodies specific to purified Escherichia coli ribosomal proteins. Bartsch M. **J Biol Chem** 1985 Jan 10;260(1):237-41

Characterization of nine monoclonal antibodies against the Escherichia coli cyclic AMP receptor protein. Li XM, et al. **J Biol Chem** 1985 Apr 10;260(7):4378-83

Comparison of the basic Escherichia coli antizyme 1 and antizyme 2 with the ribosomal proteins S20/L26 and L34. Panagiotidis CA, et al. **J Biol Chem** 1984 Dec 25; 259(24):15025-7

Accessibility of lysyl residues of Escherichia coli B/r porin (OmpF) to covalent labeling reagents of different sizes. An approach for a three-dimensional structure of a channel-forming protein. Schlaeppi JM, et al. **J Biol Chem** 1985 Aug 15;260(17):9775-83

Concentration of a major outer membrane protein at the cell poles in Escherichia coli. Begg KJ, et al. **J Gen Microbiol** 1984 Sep;130 (Pt 9):2339-46

Two-dimensional gel electrophoretic separation of the proteins present in chromatin of Escherichia coli. Lossius I, et al. **J Gen Microbiol** 1984 Dec;130 (Pt 12):3153-7

Organization of fimbriate cells in colonies of Escherichia coli strain 3040. Nowicki B, et al. **J Gen Microbiol** 1985 May; 131 (Pt 5):1263-6

Haemoprotein b-590 (Escherichia coli); redesignation of a bacterial 'cytochrome a1'. Poole RK, et al. **J Gen Microbiol** 1984 Nov;130 (Pt 11):3055-8

Higher-order structure in the 3'-terminal domain VI of the 23 S ribosomal RNAs from Escherichia coli and Bacillus stearothermophilus. Garrett RA, et al. **J Mol Biol** 1984 Nov 15;179(4):689-712

Interaction of ribosomal proteins S6, S8, S15 and S18 with the central domain of 16 S ribosomal RNA from Escherichia coli. Gregory RJ, et al. **J Mol Biol** 1984 Sep 15;178(2):287-302

A protein structure from nuclear magnetic resonance data. lac repressor headpiece. Kaptein R, et al. **J Mol Biol** 1985 Mar 5;182(1):179-82

Thermodynamics of the ColE1 cruciform. Comparisons between probing and topological experiments using single topoisomers. Lilley DM, et al. **J Mol Biol** 1984 Nov 25; 180(1):179-200

Preliminary X-ray diffraction studies of acyl carrier protein from Escherichia coli. McRee DE, et al. **J Mol Biol** 1985 Apr 5;182(3):467-8

Effects of site-directed mutations in the central domain of 16 S ribosomal RNA upon ribosomal protein binding, RNA processing and 30 S subunit assembly. Stark MJ, et al. **J Mol Biol** 1984 Sep 15;178(2):303-22

Chemical probing of conformation in large RNA molecules. Analysis of 16 S ribosomal RNA using diethylpyrocarbonate. Van Stolk BJ, et al. **J Mol Biol** 1984 Nov 25;180(1):151-77

Inhibition of the autoxidation of ascorbate and norepinephrine by extracts of Clostridium butyricum, Megasphaera elsdenii and Escherichia coli. Mishra OP, et al. **Life Sci** 1984 Aug 20;35(8):849-54

Purification of alpha-hemolysin from an overproducing E. coli strain. Gonzalez-Carreró MI, et al. **MGG** 1985; 199(1):106-10

Identification of the secY (prlA) gene product involved in protein export in Escherichia coli. Ito K. **MGG** 1984; 197(2):204-8

Overproduction, purification and characterization of the F traT protein. Minkley EG Jr, et al. **MGG** 1984; 196(2):225-35

Location of protein S4 on the small ribosomal subunit of E. coli and B. stearothermophilus with protein- and hapten-specific antibodies. Stöffler-Meilicke M, et al. **MGG** 1984;197(1):8-18

Isolation and characterization of nucleoid proteins from

Escherichia coli. Yamazaki K, et al. **MGG** 1984; 196(2):217–24
Characteristics of chromosomal DNA isolated from Escherichia coli spheroplasts. Tada Y, et al. **Microbiol Immunol** 1984;28(8):853–62
Modifications of surface properties in some enteropathogenic serogroups of Escherichia coli. Tufano MA, et al. **Microbiologica** 1985 Apr;8(2):181–90
HPLC analysis of E. coli rRNA on ASAHIPAK GS-520 and nucleobases, nucleosides and nucleotides on ASAHIPAK GS-320. Yasukawa K, et al. **Nucleic Acids Symp Ser** 1984;(15):109–12
Sequences of the active-site peptides of three of the high-Mr penicillin-binding proteins of Escherichia coli K-12. Keck W, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1999–2003
Macrophage activation by monosaccharide precursors of Escherichia coli lipid A. Nishijima M, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):282–6
[Characterization of enterotoxigenic Escherichia coli of bovine origin by DNA-DNA colony hybridization] Mainil J, et al. **Ann Rech Vet** 1984;15(1):139–44 (Eng. Abstr.) **(Fre)**
[Cell wall proteins of Escherichia coli: a substance resembling the thermolabile enterotoxin (LT)] Seltmann G, et al. **J Basic Microbiol** 1985;25(1):57–68 (Eng. Abstr.) **(Ger)**
[Proteins firmly bound to DNA in the E. coli nucleoid] Gaziev AI, et al. **Biokhimiia** 1985 May;50(5):814–9 (Eng. Abstr.) **(Rus)**
[Spectrofluorometric analysis of Escherichia coli during storage in a physiological solution] Roshchina EK, et al. **Mikrobiologiia** 1984 Nov-Dec;53(6):1016–20 (Eng. Abstr.) **(Rus)**
[Selective alkylation of G24 residue in tRNAPhe] Gimautdinova OI, et al. **Mol Biol (Mosk)** 1984 Sep-Oct; 18(5):1419–23 (Eng. Abstr.) **(Rus)**
[Fatty acid composition of Escherichia col. cells and their viability in air] Bogoslovskaia OA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec;(12):65–8 (Eng. Abstr.) **(Rus)**

CLASSIFICATION

Evaluation of Rosco diagnostic beta-glucuronidase tablets in the identification of urinary isolates of Escherichia coli. Dibb WL, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Oct; 92(5):261–4
Use of epidemiologic markers to identify the source of Escherichia coli infections in poultry. Barbour EK, et al. **Am J Vet Res** 1985 Apr;46(4):989–91
Biochemical and serologic properties of Escherichia coli isolated from cows with acute mastitis. Sanchez-Carlo V, et al. **Am J Vet Res** 1984 Sep;45(9):1771–4
Verocytotoxin-producing Escherichia coli 0157:H7 and diarrhea [letter] Gransden WR, et al. **Ann Intern Med** 1985 Jul;103(1):160
Isolates of salmonella and Escherichia coli serotyped at the Salmonella Reference Laboratory in 1982 and 1983 from veterinary and human sources. Murray CJ. **Aust Vet J** 1984 Aug;61(8):273–4
Enteropathogenic Escherichia coli of classic serotypes associated with infant diarrhea: epidemiology and pathogenesis. Levine MM, et al. **Epidemiol Rev** 1984; 6:31–51 (144 ref.)
DNA hybridization technique to detect Shigella species and enteroinvasive escherichia coli. Boileau CR, et al. **J Clin Microbiol** 1984 Nov;20(5):959–61
Rapid differentiation of enterotoxigenic Escherichia coli that produce heat-stable and heat-labile toxins by frequency-pulsed electron capture gas-liquid chromatography analysis of diarrheal stool specimens. Brooks JB, et al. **J Clin Microbiol** 1984 Dec;20(6):1145–53
Escherichia coli K12 strains for use in the identification and characterization of colicins. Pugsley AP. **J Gen Microbiol** 1985 Feb;131 (Pt 2):369–76
A study of enterotoxigenic Escherichia coli, serogroup 0126, by bacterial restriction endonuclease DNA analysis (BRENDA). Marshall RB, et al. **J Hyg (Lond)** 1985 Jun; 94(3):263–8
[Enteroinvasive serotypes of Escherichia coli] Sobotková J. **Cesk Epidemiol Mikrobiol Imunol** 1985 May;34(3):149–58 (Eng. Abstr.) **(Cze)**
[An epidemic of diarrhea caused by enteroinvasive serotypes of Escherichia coli 028 ac (Ca 792)] Sobotková J, et al. **Cesk Epidemiol Mikrobiol Imunol** 1984 Sep;33(5):315 **(Cze)**
[Strains of Salmonella and Escherichia coli in various animal species and man in Angola] Savov D. **Rev Elev Med Vet Pays Trop** 1984;37(2):129–32 (Eng. Abstr.) **(Fre)**
[Enteropathogenic Escherichia coli serotypes in urinary tract infections] Galiński J, et al. **Med Dosw Mikrobiol** 1984; 36(4):215–21 (Eng. Abstr.) **(Pol)**
[Differentiation of Escherichia coli strains isolated from patients with urinary tract infection based on biochemical properties, antibiogram and colicinogenic typing] Galiński J, et al. **Med Dosw Mikrobiol** 1984;36(2):107–12 (Eng. Abstr.) **(Pol)**
[Serologic identification of Escherichia coli isolated from suppurative-septic complications in oncological patients] Erastova EI, et al. **Lab Delo** 1984;(9):559–62 (Eng. Abstr.) **(Rus)**
[Unclear problems in the systematics of the causative agents of cholera-like escherichiasis, its laboratory diagnosis and epidemiology] Avdeeva TA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):3–9 (60 ref.) **(Rus)**

CYTOLOGY

The role of the FtsZ protein (SfiB) in UV-induced division inhibition and in the normal Escherichia coli cell division cycle. Holland IB, et al. **Ann Inst Pasteur Microbiol** 1985 Jan-Feb;136A(1):165–71
Is there a correlation between membrane phospholipid metabolism and cell division? Michel GP, et al. **Ann Inst Pasteur Microbiol** 1985 Jan-Feb;136A(1):111–8
Stimulation and inhibition of cell division in synchronized Escherichia coli. Nanninga N, et al. **Ann Inst Pasteur Microbiol** 1985 Jan-Feb;136A(1):139–45
Physiological and geometrical conditions for cell division in Escherichia coli. Woldringh CL, et al. **Ann Inst Pasteur Microbiol** 1985 Jan-Feb;136A(1):131–8
Minimum bacterial density for bacteriophage replication: implications for significance of bacteriophages in natural ecosystems. Wiggins BA, et al. **Appl Environ Microbiol** 1985 Jan;49(1):19–23
Co-ordination between elongation and division in Escherichia coli mediated by the wee gene product. de la Campa AG, et al. **J Gen Microbiol** 1984 Oct;130 (Pt 10):2671–9
Morphological changes in Escherichia coli subjected to direct current electrical fields. Ellis HW. **Microbios** 1985; 42(169–170):183–201
Role of the SulB (FtsZ) protein in division inhibition during the SOS response in Escherichia coli: FtsZ stabilizes the inhibitor SulA in maxicells. Jones C, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6045–9
[The Escherichia coli cell cycle] Joseleau-Petit D. **Biochimie** 1985 Jan;67(1):45–58 (Eng. Abstr.) **(Fre)**

DRUG EFFECTS

Effect of pH on the activity of ceftizoxime. Uri JV. **Acta Microbiol Hung** 1984;31(3):207–11
Mutagenic activity of radiosensitizers. Grzybowska E, et al. **Acta Microbiol Pol** 1985;34(2):111–20
Influence of penicillin and nalidixic acid on growth and cell division of Escherichia coli K-12. Hrebenda J, et al. **Acta Microbiol Pol** 1985;34(1):19–24
Effect of bambermycins, in vitro, on plasmid-mediated antimicrobial resistance. George BA, et al. **Am J Vet Res** 1984 Nov;45(11):2336–41
Microcin E492, a low-molecular-weight peptide antibiotic which causes depolarization of the Escherichia coli cytoplasmic membrane. de Lorenzo V, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):666–9
Effects of changes in pH, medium, and inoculum size on the in vitro activity of amifloxacin against urinary isolates of Staphylococcus saprophyticus and Escherichia coli. Iravani A, et al. **Antimicrob Agents Chemother** 1985 Apr; 27(4):449–51
Paradox between the responses of Escherichia coli K1 to ampicillin and chloramphenicol in vitro and in vivo. Kim KS, et al. **Antimicrob Agents Chemother** 1984 Nov; 26(5):689–93
Resistance to various tetracyclines mediated by transposon Tn10 in Escherichia coli K-12. Traub B, et al. **Antimicrob Agents Chemother** 1985 May;27(5):879–81
Evidence for the role of copper in the injury process of coliform bacteria in drinking water. Domek MJ, et al. **Appl Environ Microbiol** 1984 Aug;48(2):289–93
Filamentous growth of Escherichia coli K12 elicited by dimeric, mixed-valence complexes of ruthenium. Gibson JF, et al. **Arch Microbiol** 1984 Oct;139(2–3):265–71
Study of minimal inhibitory concentration of antibiotics on bacteria cultivated in vitro in space (Cytos 2 experiment). Tixador R, et al. **Aviat Space Environ Med** 1985 Aug; 56(8):748–51
Effect of iso-propyl-thio-beta-D-galactoside concentration on the level of lac-operon induction in steady state Escherichia coli. Cho S, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1268–73
A plasmid-encoded arsenite pump produces arsenite resistance in Escherichia coli. Rosen BP, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):760–5
Ionophore activity of sarcotoxin I, a bactericidal protein of Sarcophaga peregrina. Okada M, et al. **Biochem J** 1985 Jul 15;229(2):453–8
Accessibility to bacterial nucleic acids of the intercalating drug aliphatic amino acid ellipticinium derivatives in Escherichia coli and Salmonella typhimurium. Banoun H, et al. **Biochemistry** 1985 Jan 29;24(3):701–7
Cross-linking of streptomycin to the 30S subunit of Escherichia coli with phenyldiglyoxal. Melançon P, et al. **Biochemistry** 1984 Dec 18;23(26):6697–703
Dication and trication which can increase the permeability of Escherichia coli outer membrane. Katsu T, et al. **Biochim Biophys Acta** 1985 Aug 8;818(1):61–6
Injury by heavy metals in Escherichia coli. Cenci G, et al. **Bull Environ Contam Toxicol** 1985 Feb;34(2):188–95
Fatty acids and phospholipids of membranes isolated from Escherichia coli growing in a medium with parathion. Rosas SB, et al. **Bull Environ Contam Toxicol** 1985 Feb; 34(2):265–70
The effects of chlorate- and streptomycin-resistance mutations on nitrofurantoin resistance in Escherichia coli K-12. Obaseiki-Ebor EE, et al. **Can J Microbiol** 1984 Dec; 30(12):1448–52
Bacteristatic activity of phenanthrolines against Escherichia coli and Bacillus subtilis. Sharrock P. **Can J Microbiol** 1985 Apr;31(4):367–70
P1 bacteriophage and tellurite sensitivity in Klebsiella pneumoniae and Escherichia coli. Tomás J, et al. **Can J Microbiol** 1984 Jun;30(6):830–6
Filamentation of Escherichia coli K12 elicited by some monomeric, dimeric and trimeric complexes of ruthenium in various oxidation states. Gibson JF, et al. **Chem Biol Interact** 1985 May;53(3):351–64
Increased permeability of the outer membrane of Escherichia coli induced by the dimer in compound 48/80. Katsu T, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):893–5
Influence of beta-lactam antibiotics, fosfomycin and vancomycin on the adherence (hemagglutination) of Escherichia coli-containing different adhesins. Klein U, et al. **Chemotherapy** 1985;31(2):138–45
In vitro effects of the combination of nitrofurantoin and trimethoprim against sensitive and nitrofurantoin and trimethoprim-resistant Escherichia coli K12. Obaseiki-Ebor EE. **Chemotherapy** 1985;31(2):124–9
Comparison of Escherichia coli susceptibility to cephalothin, cefazolin, ceforanide, and cefamandole. Greenberg RN, et al. **Clin Ther** 1985;7(2):151–3
The antibacterial effect of attacins from the silk moth Hyalophora cecropia is directed against the outer membrane of Escherichia coli. Engström P, et al. **EMBO J** 1984 Dec 20;3(13):3347–51
Induction of resistance to alkylating agents in E. coli: the ada+ gene product serves both as a regulatory protein and as an enzyme for repair of mutagenic damage. Teo I, et al. **EMBO J** 1984 Sep;3(9):2151–7
Effects of antibiotics on adhesion of enterotoxigenic Escherichia coli strains. Forestier C, et al. **Eur J Clin Microbiol** 1984 Oct;3(5):427–32
Time course of the pharmacological response to beta-lactam antibiotics in vitro and in vivo. Gerber AU, et al. **Eur J Clin Microbiol** 1984 Dec;3(6):592–7
Activity of imipenem against high inocula of Bacteroides species and Escherichia coli alone and in mixed culture [letter] Ponte C, et al. **Eur J Clin Microbiol** 1984 Oct; 3(5):491–3
Mutational resistance to 4-quinolone antibacterial agents. Smith JT. **Eur J Clin Microbiol** 1984 Aug;3(4):347–50
Effect of pH on the rate of bactericidal activity of ampicillin against Escherichia coli strains [letter] Yourassowsky E, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):347–9
Effects of the virulence plasmid ColV, I-K94 on the sensitivity of Escherichia coli to putative environmental inhibitory agents. de Pacheco CS, et al. **Experientia** 1985 Jan 15;41(1):133–6
Mutagenicity and toxicity of chloroethylene oxide and chloroacetaldehyde. Perrard MH. **Experientia** 1985 May 15;41(5):676–7
Differential sensitivity to tributyltin of cytochrome-containing and cytochrome-deficient cells of Escherichia coli SASX76. Singh AP, et al. **Experientia** 1985 Jun 15;41(6):764–7
Dose-response relationships for mutations induced in E. coli by some model compounds. With an addendum: Reaction kinetics in water of chloroethylene oxide, chloroacetaldehyde, and chloroacetone. Hussain S, et al. **Hereditas** 1984;101(1):57–68
Spontaneous loss of drug resistance under laboratory conditions in clinical isolates of Escherichia coli. Yadava JN, et al. **Indian J Med Res** 1984 Aug;80:148–54
Prevalence of multiple drug resistance amongst strains of Esch. coli isolated from cases of diarrhea. Saxena SN, et al. **Indian J Pediatr** 1983 Nov-Dec;50(407):607–11
A nursery outbreak of multiple-aminoglycoside-resistant Escherichia coli. Gaynes RP, et al. **Infect Control** 1984 Nov;5(11):519–24
Potentiation by sulfide of hydrogen peroxide-induced killing of Escherichia coli. Berglin EH, et al. **Infect Immun** 1985 Sep;49(3):538–43
Kinetic effect of human lactoferrin on the growth of Escherichia coli 0111. Stuart J, et al. **Int J Biochem** 1984; 16(10):1043–7
Studies on the selectivity of action of colistin, colistin nonapeptide and colistin heptapeptide on the cell envelope of Escherichia coli. Ito-Kagawa M, et al. **J Antibiot (Tokyo)** 1984 Aug;37(8):926–8
Ribosomes of streptomycin-treated Escherichia coli contain faulty ribosomal proteins. Negre D, et al. **J Antibiot (Tokyo)** 1985 May;38(5):661–4
The enhancement of R-plasmid-mediated resistance to aminoglycoside antibiotics by mutations to nitrofurantoin resistance in Escherichia coli. Breeze AS, et al. **J Antimicrob Chemother** 1984 Nov;14(5):477–83
Porin-mediated cephalosporin resistance in Escherichia coli K-12 [letter] Curtis NA, et al. **J Antimicrob Chemother** 1985 May;15(5):642–4
Susceptibility of 126 isolates of Escherichia coli from the cerebrospinal fluid of neonates to five antibiotics. Mulder CJ, et al. **J Antimicrob Chemother** 1985 Jan;15(1):115–8
The mode of action of Sch 34343: affinity for the penicillin binding proteins of Escherichia coli K-12 and Bacteroides fragilis. Piddock LJ, et al. **J Antimicrob Chemother** 1985 Jun;15 Suppl C:5–14

Interaction of some polyhexamethylene biguanides and membrane phospholipids in Escherichia coli. Broxton P, et al. **J Appl Bacteriol** 1984 Aug;57(1):115-24

Trimethoprim resistance plasmids in Escherichia coli isolated from cases of diarrhoea in cattle, pigs and sheep. Wise PJ, et al. **J Appl Bacteriol** 1985 Jun;58(6):555-61

Ca2+-induced permeabilization of the Escherichia coli outer membrane: comparison of transformation and reconstitution of binding-protein-dependent transport. Bukau B, et al. **J Bacteriol** 1985 Jul;163(1):61-8

Enhanced sensitivity of Escherichia coli umuC to photodynamic inactivation by angelicin (isopsoralen). Miller SS, et al. **J Bacteriol** 1985 Jun;162(3):1307-10

Amiloride-sensitive Na+-H+ antiporter in Escherichia coli. Mochizuki-Oda N, et al. **J Bacteriol** 1985 Jul;163(1):395-7

envZ mediates transcriptional control by local anesthetics but is not required for osmoregulation in Escherichia coli. Villarejo M, et al. **J Bacteriol** 1984 Sep;159(3):883-7

Bacterial resistance to streptothricins. Haupt I, et al. **J Basic Microbiol** 1985;25(5):335-9

Failure of the disk diffusion test to detect tobramycin resistance in kanamycin-resistant Escherichia coli strains. Santanam P. **J Clin Microbiol** 1984 Aug;20(2):295-7

Germicidal persistence of teat dips by modified excised teat procedure. Schmidt AL, et al. **J Dairy Sci** 1985 Jan;68(1):158-62

A comparison of the antibacterial and cytotoxic effects of parachlorophenol. Messer HH, et al. **J Dent Res** 1985 May;64(5):818-21

Potentiation by purines of the growth-inhibitory effects of sulphonamides on Escherichia coli K12 and the location of the gene which mediates this effect. Bruce I, et al. **J Gen Microbiol** 1984 Oct;130 (Pt 10):2489-95

The effect of sorbic acid and esters of p-hydroxybenzoic acid on the protonmotive force in Escherichia coli membrane vesicles. Eklund T. **J Gen Microbiol** 1985 Jan;131 (Pt 1):73-6

Effect of adenine, cytidine and guanosine on the expression of the SOS system in Escherichia coli. Llagostera M, et al. **J Gen Microbiol** 1985 Jan;131 (Pt 1):113-8

Inducible plasmid-mediated copper resistance in Escherichia coli. Rouch D, et al. **J Gen Microbiol** 1985 Apr;131 (Pt 4):939-43

The effect of food preservatives on pH homeostasis in Escherichia coli. Salmond CV, et al. **J Gen Microbiol** 1984 Nov;130 (Pt 11):2845-50

Escherichia coli 0142.H6; a drug-resistant enteropathogenic clone? Gross RJ, et al. **J Hyg (Lond)** 1985 Apr;94(2):181-91

The effects of oxytetracycline on the intestinal Escherichia coli flora of newly weaned pigs. Hinton M, et al. **J Hyg (Lond)** 1985 Aug;95(1):77-85

Antimicrobial resistance and the ecology of Escherichia coli plasmids. Platt DJ, et al. **J Hyg (Lond)** 1984 Oct;93(2):181-8

Action of metronidazole on facultative anaerobes [letter] Sisson PR, et al. **J Infect Dis** 1985 Mar;151(3):569-70

Long-term antibiotic therapy for acne vulgaris: effects on the bowel flora of patients and their relatives. Adams SJ, et al. **J Invest Dermatol** 1985 Jul;85(1):35-7

DNA binding and mutation spectra of the carcinogen N-2-aminofluorene in Escherichia coli. A correlation between the conformation of the premutagenic lesion and the mutation specificity. Bichara M, et al. **J Mol Biol** 1985 Jun 5;183(3):341-51

Dynamics of disinfection of selected preservatives against Escherichia coli. Hurwitz SJ, et al. **J Pharm Sci** 1985 Aug;74(8):892-4

Microbial kinetics of beta-lactam antibiotics against Escherichia coli. Tsuji A, et al. **J Pharm Sci** 1984 Oct;73(10):1418-22

Paraquat and nitrofurantoin inhibit growth of Escherichia coli by inducing stringency. Seither RL, et al. **J Toxicol Environ Health** 1984;14(5-6):763-71

Apramycin: minimal inhibitory concentrations for avian Escherichia coli and serum levels after intramuscular injection in turkeys. Freidlin PJ, et al. **J Vet Pharmacol Ther** 1985 Mar;8(1):105-9

In vitro antibacterial activity and beta-lactamase stability of cefodizime, a new cephalosporin antibiotic. Kasai K, et al. **Jpn J Antibiot** 1984 Jul;37(7):1294-305

Mercury-resistant plasmids in bacteria from a mercury and antimony deposit area. Khesin RB, et al. **MGG** 1984;197(2):280-5

Streptomycin preferentially perturbs ribosomal proofreading. Ruusala T, et al. **MGG** 1984;198(1):100-4

Nontoxicity of an oil shale process water to Escherichia coli. Adams JC. **Microbiologica** 1985 Apr;8(2):211-5

Injury and recovery of Escherichia coli ATCC 8739 from treatment with some polyhexamethylene biguanides. Broxton P, et al. **Microbios** 1984;40(161-162):187-93

A study of the activity of soft soaps prepared from a homologous series of saturated fatty acids against cells of Escherichia coli NCTC 9001. Lamikanra A, et al. **Microbios** 1984;41(165-166):139-47

Bio-antimutagenic effects of tannic acid on UV and chemically induced mutagenesis in Escherichia coli B/r. Shimoi K, et al. **Mutat Res** 1985 Mar;149(1):17-23

Methyl cinnamate derivatives enhance UV-induced mutagenesis due to the inhibition of DNA excision repair in Escherichia coli B/r. Shimoi K, et al. **Mutat Res** 1985 Jul;146(1):15-22

Mutagenic characteristics of formaldehyde on bacterial systems. Takahashi K, et al. **Mutat Res** 1985 Jun;156(3):153-61

Penicillinase inactivates kanamycin in the presence of carbenicillin. Dums F, et al. **Naturwissenschaften** 1985 Jul;72(7):375-6

Carcinogen-induced insertion mutations in E. coli. Takeshita M, et al. **Prog Clin Biol Res** 1985;172A:389-99

Spread of multiresistant gram-negative bacilli among severely immuno-compromised mice during prophylactic treatment with different oral antimicrobial drugs. van der Waaij D, et al. **Prog Clin Biol Res** 1985;181:245-50

Temperature dependent modification of radiosensitivity following hypoxic cytocidal action of chlorpromazine. Shenoy MA, et al. **Radiat Environ Biophys** 1985;24(2):113-7

Toxicity of an algal mucopolysaccharide for Escherichia coli and Neisseria meningitidis strains. Criado MT, et al. **Rev Esp Fisiol** 1984 Jun;40(2):227-30

Nonconjugative R plasmid-mediated antibiotic resistance in Escherichia coli isolated from animals in Peninsular Malaysia. Koh CL, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep;15(3):313-6

Antimicrobial drug resistance in porcine enterotoxigenic Escherichia coli of 0-group 149 and non-enterotoxigenic Escherichia coli. Franklin A. **Vet Microbiol** 1984 Sep;9(5):467-75

Comparative bacterial drug resistance in modern battery and free-range poultry in a tropical environment. Ojeniyi AA. **Vet Rec** 1985 Jul 6;117(1):11-2

Different mechanisms of TEM-1 and Oxa-1 mediated resistance to piperacillin in E. coli. Marre R, et al. **Zentralbl Bakteriol Mikrobiol Hyg** [A] 1984 Dec;258(2-3):287-95

Analysis of cephalosporin-induced changes in the volume distribution of Escherichia coli cultures by an electronic counter-channelanalyser. Schulz E, et al. **Zentralbl Bakteriol Mikrobiol Hyg** [A] 1984 Dec;258(2-3):275-82

[Sensitivity to drugs of Escherichia coli strains isolated from poultry with coli septicemia] Giurov B. **Vet Med Nauki** 1985;22(5):16-24 (Eng. Abstr.) **(Bul)**

[Demonstration of hormonal actions on Escherichia coli K 12 by potentiometry in the presence of lipoic acid; correlation with measurements of microbial growth and glucose consumption] Sélégny A, et al. **C R Soc Biol (Paris)** 1984;178(6):722-9 (Eng. Abstr.) **(Fre)**

[Stability of 8 second or third generation cephalosporins in peritoneal dialysis fluid] Grise G, et al. **Pathol Biol (Paris)** 1985 May;33(5):335-9 (Eng. Abstr.) **(Fre)**

[The development of antibiotic resistance of coliform bacteria in connection with the nutritional use of nourseothricin in swine] Witte W, et al. **Arch Exp Veterinarmed** 1984 Nov;38(6):807-15 (Eng. Abstr.) **(Ger)**

[Comparative antibacterial activity of piperacillin against Pseudomonas aeruginosa, Escherichia coli and Streptococcus faecalis in cultures and human serum] Just HM, et al. **Immun Infekt** 1985 May;13(3):119-23 (Eng. Abstr.) **(Ger)**

[Enhanced formation of plaque in RNA phages/bacteria systems under the effect of surface-active preparations] Menzel G. **J Basic Microbiol** 1985;25(1):43-9 (Eng. Abstr.) **(Ger)**

[Antigenic effect of heptacaine hydrochloride and trimecaine hydrochloride on cells and isolated outer membranes of Escherichia coli 04] Zelenay R, et al. **Pharmazie** 1984 Oct;39(10):709 **(Ger)**

[Nature and incidence of carbadox resistance of Escherichia coli isolated from fattening swine, calves and poultry] Baumgartner A, et al. **Schweiz Arch Tierheilkd** 1985 May;127(5):339-47 (Eng. Abstr.) **(Ger)**

[Reproductive ability of Staph. aureus and E. coli in the presence of human blood and various levels of carrageenan, colchicine, indomethacin, galactose and 2,4-dinitrophenol] Schleef H, et al. **Z Gesamte Hyg** 1985 Apr;31(4):246-9 (Eng. Abstr.) **(Ger)**

[On the clinical effects of cefotiam on acute cystitis and changes in form of E. coli in the urine] Washida H, et al. **Hinyokika Kiyo** 1983 Oct;29(10):1373-80 (Eng. Abstr.) **(Jpn)**

[Growth responses of Vibrio cholerae biotype eltor and Escherichia coli under the presence of bile acid and antibiotics] Aoki M. **Nippon Ika Daigaku Zasshi** 1985 Jun;52(3):292-305 (Eng. Abstr.) **(Jpn)**

[A dynamic system for the in vitro study of the kinetics of the antimicrobial effect of antibiotics in pharmacokinetic changes in their concentration] Firsov AA, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):36-43 (Eng. Abstr.) **(Rus)**

[Polyresistant Enterobacteriaceae strains and their plasmids in a hospital. Medical and theoretical aspects] Belokrysenko SS, et al. **Antibiotiki** 1984 Dec;29(12):924-31 (Eng. Abstr.) **(Rus)**

[Effect of acetate on the growth of Escherichia coli during aerobiosis and anaerobiosis] Smirnova GV, et al. **Mikrobiologiia** 1985 Mar-Apr;54(2):252-6 (Eng. Abstr.) **(Rus)**

[Action of dicaine on the efficiency of plasmid transformation and transfection in Escherichia coli K12] Likhacheva NA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec;(12):62-5 (Eng. Abstr.) **(Rus)**

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Biosynthesis of penicillin amidase by Escherichia coli in organic media. Jan W. **Acta Microbiol Pol** 1984;33(2):179-83

DNA polymerase III holoenzyme of Escherichia coli: an asymmetric dimeric replicative complex containing distinguishable leading and lagging strand polymerases. McHenry CS, et al. **Adv Exp Med Biol** 1984;179:315-9

Escherichia coli DNA gyrase. Orr E, et al. **Adv Exp Med Biol** 1984;179:395-407

The use of 4-(2-pyridylazo)resorcinol in studies of zinc release from Escherichia coli aspartate transcarbamoylase. Hunt JB, et al. **Anal Biochem** 1985 Apr;146(1):150-7

Replacement synthesis labeling of DNA molecules in vitro using the Escherichia coli exonuclease III/DNA polymerase I enzyme pair. James CD, et al. **Anal Biochem** 1984 Aug 15;141(1):33-7

Purification of aspartase and aspartokinase-homoserine dehydrogenase I from Escherichia coli by dye-ligand chromatography. Karsten WE, et al. **Anal Biochem** 1985 Jun;147(2):336-41

Assay of aminoglycoside phosphotransferase in situ. Kiselev VI, et al. **Anal Biochem** 1985 May 1;146(2):434-6

Isocitrate dehydrogenase assays on intact bacterial cells. Pearce LG, et al. **Anal Biochem** 1985 May 15;147(1):194-6

Evaluation of beta-D-galactosidase from Escherichia coli and horseradish peroxidase as labels by sandwich enzyme immunoassay technique. Imagawa M, et al. **Ann Clin Biochem** 1984 Jul;21 (Pt 4):310-7

Enzyme recovery by adsorption from unclarified microbial cell homogenates. Hedman P, et al. **Ann NY Acad Sci** 1984;434:285-8

Immobilized E. coli alkaline phosphatase. Its properties, stability, and utility in studying the dephosphorylation of proteins. Basheeruddin K, et al. **Appl Biochem Biotechnol** 1985 Apr;11(2):133-40

Novel approaches to the purification of penicillin acylase. Mahajan PB, et al. **Appl Biochem Biotechnol** 1984 Oct-Dec;9(5-6):421-37

Aspartase-hyperproducing mutants of Escherichia coli B. Nishimura N, et al. **Appl Environ Microbiol** 1984 Dec;48(6):1072-5

Molecular cloning of Bacillus sphaericus penicillin V amidase gene and its expression in Escherichia coli and Bacillus subtilis. Olsson A, et al. **Appl Environ Microbiol** 1985 May;49(5):1084-9

The varied responses of different F1-ATPases to chlorpromazine. Bullough DA, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):567-75

Reactions of the sulfhydryl groups of alanyl-tRNA Synthetase. Chen ZQ, et al. **Arch Biochem Biophys** 1984 Sep;233(2):611-6

Chorismate mutase-prephenate dehydrogenase from Escherichia coli: cooperative effects and inhibition by L-tyrosine. Christopherson RI. **Arch Biochem Biophys** 1985 Aug 1;240(2):646-54

Formation of beta,gamma-methylene-7,8-dihydroneopterin 3'-triphosphate from beta,gamma-methyleneguanosine 5'-triphosphate by GTP cyclohydrolase I of Escherichia coli. Ferre J, et al. **Arch Biochem Biophys** 1984 Sep;233(2):475-80

Extensive synthesis of poly[r(G-C)] using Escherichia coli RNA polymerase. Hall K, et al. **Arch Biochem Biophys** 1985 Jan;236(1):47-51

The lactose permease of Escherichia coli: evidence in favor of a dimer. Houssin C, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):593-606

Binding and reactivity at the 'glucose' site of galactosyl-beta-galactosidase (Escherichia coli). Huber RE, et al. **Arch Biochem Biophys** 1984 Oct;234(1):151-60

Deletion of seven amino acid residues from the gamma subunit of Escherichia coli H+-ATPase causes total loss of F1 assembly on membranes. Kanazawa H, et al. **Arch Biochem Biophys** 1985 Sep;241(2):364-70

Reconstitution of the lipid-depleted pyruvate oxidase system of Escherichia coli: the palmitic acid effect. Kiuchi K, et al. **Arch Biochem Biophys** 1984 Sep;233(2):776-84

5-Azidoindole binding to the Escherichia coli tryptophan synthase alpha 2 beta 2 complex. Napier ML, et al. **Arch Biochem Biophys** 1984 Oct;234(1):206-13

Functional effects and cross-reactivity of antibody to purified subunit b (uncF protein) of Escherichia coli proton-ATPase. Perlin DS, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):603-11

Homoserine kinase of Escherichia coli: kinetic mechanism and inhibition by L-aspartate semialdehyde. Shames SL, et al. **Arch Biochem Biophys** 1984 Dec;235(2):359-70

Inactivation of Escherichia coli glutamine synthetase by xanthine oxidase, nicotinate hydroxylase, horseradish peroxidase, or glucose oxidase: effects of ferredoxin, putidaredoxin, and menadione. Stadtman ER, et al. **Arch Biochem Biophys** 1985 Jun;239(2):379-87

In situ behaviour of D(-)-lactate dehydrogenase from Escherichia coli. Busto F, et al. **Arch Microbiol** 1984 Oct;139(2-3):255-9

Evidence for cAMP-mediated control of isoleucyl-tRNA synthetase formation in Escherichia coli K-12. Williams AL, et al. **Arch Microbiol** 1985 Jul;142(2):190-3

Regulation of the synthesis of hydrogenase (formate hydrogen-lyase linked) of E. coli. Zinoni F, et al. **Arch Microbiol** 1984 Nov;139(4):299-304

The beta subunit of the Escherichia coli ATP synthase exhibits a tight membrane binding property. Aris JP, et al. **Biochem Biophys Res Commun** 1985 Apr 16; 128(1):155-62

Sulfoxide configuration in sparsomycin determines time-dependent and competitive inhibition of peptidyl transferase. Ash RJ, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):784-9

Effect of membrane potential on the kinetic parameters of the Na+ or H+ melibiose symport in Escherichia coli membrane vesicles. Bassilana M, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):626-31

Labeling of a specific arginine residue at the active site of glutamine synthetase (E.coli). Colanduoni JA, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):412-8

Stable hyper-production of Escherichia coli beta-lactamase by Bacillus subtilis grown on a 0.5 M succinate-medium using a B. subtilis alpha-amylase secretion vector. Nakamura K, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):601-6

Inhibition of DNA-dependent RNA polymerase from Escherichia coli by pyran copolymer. O'Connor DL, et al. **Biochem Int** 1983 Apr;6(4):489-96

The phosphorylation of Escherichia coli isocitrate dehydrogenase in intact cells. Borthwick AC, et al. **Biochem J** 1984 Sep 15;222(3):797-804

The purification of shikimate dehydrogenase from Escherichia coli. Chaudhuri S, et al. **Biochem J** 1985 Feb 15;226(1):217-23

Nucleotide sequence encoding the iron-sulphur protein subunit of the succinate dehydrogenase of Escherichia coli. Darlison MG, et al. **Biochem J** 1984 Oct 15;223(2):507-17

Complexes with halide and other anions of the molybdenum centre of nitrate reductase from Escherichia coli. George GN, et al. **Biochem J** 1985 May 1;227(3):925-31

Loss of protection by nucleotides against proteolysis and thiol modification in the isolated alpha-subunit from F1 ATPase of Escherichia coli mutant uncA401. Stan-Lotter H, et al. **Biochem J** 1984 Nov 15;224(1):145-51

The inhibition of ornithine transcarbamoylase from Escherichia coli W by phaseolotoxin. Templeton MD, et al. **Biochem J** 1984 Dec 1;224(2):379-88

Functional domains involved in aromatic amino acid biosynthesis. Coggins JR, et al. **Biochem Soc Trans** 1985 Apr;13(2):299-303

The membrane-bound fumarate reductase of Escherichia coli: an electron-paramagnetic-resonance study. Simpkin D, et al. **Biochem Soc Trans** 1985 Jun;13(3):603-7

6-(Methoxymethylene)penicillanic acid: inactivator of RTEM beta-lactamase from Escherichia coli. Brenner DG, et al. **Biochemistry** 1984 Nov 20;23(24):5839-46

Penicillanic acid sulfone: nature of irreversible inactivation of RTEM beta-lactamase from Escherichia coli. Brenner DG, et al. **Biochemistry** 1984 Nov 20;23(24):5833-9

Stereochemical course of hydrolysis of DNA by exonuclease I from Escherichia coli. Brody RS, et al. **Biochemistry** 1985 Apr 9;24(8):2072-6

Escherichia coli pyruvate dehydrogenase complex: particle masses of the complex and component enzymes measured by scanning transmission electron microscopy. CaJacob CA, et al. **Biochemistry** 1985 May 7;24(10):2425-31

Monoclonal antibodies against the lac carrier protein from Escherichia coli. 1. Functional studies. Carrasco N, et al. **Biochemistry** 1984 Jul 31;23(16):3681-7

Solvent effects on allosteric equilibria: stabilization of T and R conformations of Escherichia coli aspartate transcarbamylase by organic solvents. Dreyfus M, et al. **Biochemistry** 1984 Oct 9;23(21):4852-9

Dehydroquinate synthase from Escherichia coli: purification, cloning, and construction of overproducers of the enzyme. Frost JW, et al. **Biochemistry** 1984 Sep 11;23(19):4470-5

Bacterial phosphotransferase system: regulation of mannitol enzyme II activity by sulfhydryl oxidation. Grenier FC, et al. **Biochemistry** 1985 Jan 1;24(1):47-51

Nuclear magnetic resonance observation and dynamics of specific amide protons in T4 lysozyme. Griffey RH, et al. **Biochemistry** 1985 Feb 12;24(4):817-22

Mechanism of inactivation of Escherichia coli and Lactobacillus leichmannii ribonucleotide reductases by 2'-chloro-2'-deoxynucleotides: evidence for generation of 2-methylene-3(2H)-furanone. Harris G, et al. **Biochemistry** 1984 Oct 23;23(22):5214-25

Functional and immunochemical characterization of a mutant of Escherichia coli energy uncoupled for lactose transport. Herzlinger D, et al. **Biochemistry** 1985 Jan 1;24(1):221-9

Monoclonal antibodies against the lac carrier protein from Escherichia coli. 2. Binding studies with membrane vesicles and proteoliposomes reconstituted with purified lac carrier protein. Herzlinger D, et al. **Biochemistry** 1984 Jul 31; 23(16):3688-93

Structure of the membrane-embedded F0 part of F1F0 ATP synthase from Escherichia coli as inferred from labeling with 3-(Trifluoromethyl)-3-(m-[125I]iodophenyl)diazirine. Hoppe J, et al. **Biochemistry** 1984 Nov 6;23(23):5610-6

Chorismate mutase/prephenate dehydrogenase from Escherichia coli K12: purification, characterization, and identification of a reactive cysteine. Hudson GS, et al. **Biochemistry** 1984 Dec 4;23(25):6240-9

Evidence for a nucleotide binding site on the isolated beta subunit from Escherichia coli F1-ATPase. Interaction between nucleotide and aurovertin D binding sites. Issartel JP, et al. **Biochemistry** 1984 Dec 18;23(26):6591-5

Identification of oligothymidylates as new simple substrates for Escherichia coli DNA photolyase and their use in a rapid spectrophotometric enzyme assay. Jorns MS, et al. **Biochemistry** 1985 Apr 9;24(8):1856-61

Modification of the F0 portion of the H+-translocating adenosinetriphosphatase complex of Escherichia coli by the water-soluble carbodiimide 1-ethyl-3-[3-(dimethylamino)propyl]carbodiimide and effect on the proton channeling function. Lötscher HR, et al. **Biochemistry** 1984 Aug 28;23(18):4128-34

Interconversion of high and low adenosinetriphosphatase activity forms of Escherichia coli F1 by the detergent lauryldimethylamine oxide. Lötscher HR, et al. **Biochemistry** 1984 Aug 28;23(18):4140-3

Inhibition of the adenosinetriphosphatase activity of Escherichia coli F1 by the water-soluble carbodiimide 1-ethyl-3-[3-(dimethylamino)propyl]carbodiimide is due to modification of several carboxyls in the beta subunit. Lötscher HR, et al. **Biochemistry** 1984 Aug 28; 23(18):4134-40

Cytochrome o type oxidase from Escherichia coli. Characterization of the enzyme and mechanism of electrochemical proton gradient generation. Matsushita K, et al. **Biochemistry** 1984 Sep 25;23(20):4703-14

Interaction of substrates with glutamine synthetase after limited proteolysis. Monroe DM, et al. **Biochemistry** 1984 Sep 25;23(20):4565-72

Kinetic analysis of respiratory nitrate reductase from Escherichia coli K12. Morpeth FF, et al. **Biochemistry** 1985 Jan 1;24(1):40-6

Catabolism of bis(5'-nucleosidyl) oligophosphates in Escherichia coli: metal requirements and substrate specificity of homogeneous diadenosine-5',5'''-P1,P4-tetraphosphate pyrophosphohydrolase. Plateau P, et al. **Biochemistry** 1985 Feb 12;24(4):914-22

Bacteriophage T7 E promoter: identification and measurement of kinetics of association with Escherichia coli RNA polymerase. Prosen DE, et al. **Biochemistry** 1985 Apr 23;24(9):2219-27

Base-pairing properties of N4-methoxydeoxycytidine 5'-triphosphate during DNA synthesis on natural templates, catalyzed by DNA polymerase I of Escherichia coli. Reeves ST, et al. **Biochemistry** 1985 Apr 23; 24(9):2262-8

Characterization of effects of anti-beta and anti-beta' monoclonal antibodies on the activity of the RNA polymerase from Escherichia coli. Rockwell P, et al. **Biochemistry** 1985 Jun 18;24(13):3240-5

Kinetics and subunit interaction of the mannitol-specific enzyme II of the Escherichia coli phosphoenolpyruvate-dependent phosphotransferase system. Roossien FF, et al. **Biochemistry** 1984 Oct 9; 23(21):4934-9

Mannitol-specific carrier protein from the Escherichia coli phosphoenolpyruvate-dependent phosphotransferase system can be extracted as a dimer from the membrane. Roossien FF, et al. **Biochemistry** 1984 Nov 20; 23(24):5682-5

Binding of Escherichia coli DNA photolyase to UV-irradiated DNA. Sancar GB, et al. **Biochemistry** 1985 Apr 9;24(8):1849-55

Monoclonal antibodies against the membrane-bound, flavin-linked D-lactate dehydrogenase of Escherichia coli: preparation, characterization, and use in immunoaffinity chromatography. Santos E, et al. **Biochemistry** 1985 Jun 4;24(12):3006-11

Influence of cofactor pyridoxal 5'-phosphate on reversible high-pressure denaturation of isolated beta 2 dimer of tryptophan synthase bienzyme complex from Escherichia coli. Seifert T, et al. **Biochemistry** 1985 Jan 15;24(2):339-45

Intrinsic zinc ion is essential for proper conformation of active Escherichia coli RNA polymerase. Solaiman D, et al. **Biochemistry** 1984 Dec 18;23(26):6369-77

Estimation of H+ to adenosine 5'-triphosphate stoichiometry of Escherichia coli ATP synthase using 31P NMR. Vink R, et al. **Biochemistry** 1984 Jul 31;23(16):3667-75

Energetic adaptation of ligand binding to subunit structure of tryptophan synthase from Escherichia coli. Wiesinger H, et al. **Biochemistry** 1984 Oct 9;23(21):4928-34

Linkage of subunit interactions, structural changes, and energetics of coenzyme binding in tryptophan synthase. Wiesinger H, et al. **Biochemistry** 1984 Oct 9;23(21):4921-8

Hypothesis. The mechanism of ATP synthase. Conformational change by rotation of the beta-subunit. Cox GB, et al. **Biochim Biophys Acta** 1984 Dec 17; 768(3-4):201-8

Purification and characterization of Escherichia coli xanthine-guanine phosphoribosyltransferase produced by plasmid pSV2gpt. Deo SS, et al. **Biochim Biophys Acta** 1985 May 8;839(3):233-9

The F1F0-ATPase of Escherichia coli. The substitution of alanine by threonine at position 25 in the c-subunit affects function but not assembly. Fimmel AL, et al. **Biochim Biophys Acta** 1985 Jul 17;808(2):252-8

Identification in various chlorate-resistant mutants of a protein involved in the activation of nitrate reductase in the soluble fraction of a chlA mutant of Escherichia coli K-12. Giordano G, et al. **Biochim Biophys Acta** 1985 Apr 17;839(2):181-90

The triose-phosphate site of homogeneous reconstituted sn-glycerol-3-phosphate acyltransferase of Escherichia coli. Green PR, et al. **Biochim Biophys Acta** 1984 Sep 12; 795(2):348-55

A resonance Raman study on the interaction of rifampicin with Escherichia coli RNA polymerase. Johnson RS. **Biochim Biophys Acta** 1985 Mar 29;839(1):16-25

Further purification, characterization and salt activation of acyl-CoA synthetase from Escherichia coli. Kameda K, et al. **Biochim Biophys Acta** 1985 May 29;840(1):29-36

Effects of pH and detergent on the kinetic and electrochemical properties of the purified cytochrome d terminal oxidase complex of Escherichia coli. Lorence RM, et al. **Biochim Biophys Acta** 1984 Oct 23;790(2):148-53

The reactivity of the sulphydryl groups of chorismate mutase/prephenate dehydratase—a bifunctional enzyme of phenylalanine biosynthesis in Escherichia coli K12. Ma KH, et al. **Biochim Biophys Acta** 1985 Jan 21;827(1):1-7

Study of a time lag in the assay of Escherichia coli membrane-bound dehydrogenases based on tetrazolium salt reduction. Massa EM, et al. **Biochim Biophys Acta** 1985 Feb 4;827(2):150-6

Modulation of Escherichia coli N-acetylmuramoyl-L-alanine amidase activity by phosphatidylglycerol. Vanderwinkel E, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):54-9

The unc operon. Nucleotide sequence, regulation and structure of ATP-synthase. Walker JE, et al. **Biochim Biophys Acta** 1984 Sep 6;768(2):164-200 (130 ref.)

Affinity and hydrophobic chromatography of Escherichia coli aspartate transcarbamoylase. West TP, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):32-9

The spacing of Escherichia coli DNA gyrase sites cleaved in vivo by treatment with oxolinic acid and sodium dodecyl sulfate. Béjar S, et al. **Biochimie** 1984 Nov-Dec; 66(11-12):693-700

The melibiose permease system of Escherichia coli K12. Burstein C, et al. **Biochimie** 1985 Jan;67(1):59-67

The amino acid sequence of thiogalactoside transacetylase of Escherichia coli. Fowler AV, et al. **Biochimie** 1985 Jan; 67(1):101-8

Characterization of the DNA of the hamster papovavirus: II. A comparison of binding sites for Escherichia coli- and calf thymus RNA polymerase II on the hamster papovavirus genome. Vogel F, et al. **Biomed Biochim Acta** 1985;44(2):235-41

Glucuronidase activity in Escherichia coli [letter] Nastasi A, et al. **Boll Ist Sieroter Milan** 1982;61(5):441

The ATPase complex of Escherichia coli. Bragg PD. **Can J Biochem Cell Biol** 1984 Nov;62(11):1190-7

Regulatory effects of potassium and inorganic anions on the NADP-specific malic enzyme of Escherichia coli. Brown DA, et al. **Can J Biochem Cell Biol** 1985 Feb;63(2):128-36

Chemical modification and hybrid enzyme formation as probes of the active site and subunit interactions in Escherichia coli succinyl-CoA synthetase. O'Connor-McCourt MD, et al. **Can J Biochem Cell Biol** 1985 Jan;63(1):57-63

Repair of O6-propylguanine and O6-butylguanine in DNA by O6-alkylguanine-DNA alkyltransferases from rat liver and E. coli. Morimoto K, et al. **Carcinogenesis** 1985 Jul; 6(7):1027-31

Human O6-alkylguanine-DNA alkyltransferase fails to repair O4-methylthymine and methyl phosphotriesters in DNA as efficiently as does the alkyltransferase from Escherichia coli. Yarosh DB, et al. **Carcinogenesis** 1985 Jul;6(7):949-53

Extensive homology among the largest subunits of eukaryotic and prokaryotic RNA polymerases. Allison LA, et al. **Cell** 1985 Sep;42(2):599-610

E. coli RNases: making sense of alphabet soup. Deutscher MP. **Cell** 1985 Apr;40(4):731-2 (28 ref.)

Chi-dependent DNA strand cleavage by RecBC enzyme. Ponticelli AS, et al. **Cell** 1985 May;41(1):145-51

Purification and characterization of exonuclease V from Escherichia coli K-12. Dykstra CC, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:463-7

Nonhomologous recombination mediated by Escherichia coli DNA gyrase: possible involvement of DNA replication. Ikeda H, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:401-9

The cleavage of DNA by type-I DNA topoisomerases. Kirkegaard K, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:411-9

Evidence for a repeating domain in type I restriction enzymes. Argos P. **EMBO J** 1985 May;4(5):1351-5

Fused lacZ genes code for di-, tri- and tetra-beta-galactosidase in Escherichia coli. Kuchinke W, et al. **EMBO J** 1985 Apr;4(4):1067-73

Physiological and morphological effects of overproduction of membrane-bound ATP synthase in Escherichia coli K-12. von Meyenburg K, et al. **EMBO J** 1984 Aug; 3(8):1791-7

Tryptophanamide formation by Escherichia coli tryptophanyl-tRNA synthetase. Andrews D, et al. **Eur J Biochem** 1985 Jan 2;146(1):201-9

Purification and properties of reconstitutively active nicotinamide nucleotide transhydrogenase of Escherichia coli. Clarke DM, et al. **Eur J Biochem** 1985 Jun 18; 149(3):517-23

Phosphoenolpyruvate-dependent phosphorylation site in enzyme IIIglc of the Escherichia coli phosphotransferase system. Dörschug M, et al. **Eur J Biochem** 1984 Oct 1; 144(1):113-9

Nucleotide sequence and high-level expression of the major

Escherichia coli phosphofructokinase. Hellinga HW, et al. **Eur J Biochem** 1985 Jun 3;149(2):363–73

Expression in mammalian cells of the diaminopimelic acid decarboxylase of Escherichia coli permits cell growth in lysine–free medium. Jouanneau J, et al. **Eur J Biochem** 1985 Jan 2;146(1):173–8

Comparison of two hydrolytic murein transglycosylases of Escherichia coli. Keck W, et al. **Eur J Biochem** 1985 May 2;148(3):493–7

DNA methylation of bacterial viruses T3 and T7 by different DNA methylases in Escherichia coli K12 cells. Krüger DH, et al. **Eur J Biochem** 1985 Jul 15;150(2):323–30

Overproduction of staphylokinase in Escherichia coli and its characterization. Sako T. **Eur J Biochem** 1985 Jun 18; 149(3):557–63

Measurements of electron spin resonance with the pyruvate dehydrogenase complex from Escherichia coli. Studies on the allosteric binding site of acetyl–coenzyme A. Schrenk DF, et al. **Eur J Biochem** 1984 Sep 17;143(3):561–6

Reversible dissociation of aspartokinase I/homoserine dehydrogenase I from Escherichia coli K 12. The active species is the tetramer. Veron M, et al. **Eur J Biochem** 1985 Sep 16;151(3):521–4

Immunoelectron microscopic localization of the restriction endonuclease EcoRI in Escherichia coli BS 5. Kohring GW, et al. **Eur J Cell Biol** 1985 May;37:1–6

Hydrolysis of N–phenylacetyl–a–methyl–alpha–amino acids by benzylpenicillinacylase. Rossi D, et al. **Experientia** 1985 Jan 15;41(1):35–7

The excision of AP sites by the 3'–5' exonuclease activity of the Klenow fragment of Escherichia coli DNA polymerase I. Bailly V, et al. **FEBS Lett** 1984 Dec 10; 178(2):223–7

The quaternary structure of E. coli inorganic pyrophosphatase is not required for catalytic activity. Borschik IB, et al. **FEBS Lett** 1985 May 6;184(1):65–7

Purification and characterization of a plasmid–encoded aminoglycoside–(3)–N–acetyltransferase IV from Escherichia coli. Bräu B, et al. **FEBS Lett** 1985 Jun 3; 185(1):43–6

Cyclic AMP independence of Escherichia coli protein phosphorylation. Dadssi M, et al. **FEBS Lett** 1985 Jul 8; 186(2):187–90

Isolation of gram quantities of isoleucyl–tRNA synthetase from an overproducing strain of Escherichia coli and its use for purification of cognate tRNA. Kawakami M, et al. **FEBS Lett** 1985 Jun 3;185(1):162–4

On the recovery of Cys–containing peptides during peptide mapping by HPLC. Tryptic peptides of Trp–tRNA synthetase of E.coli. Koeppe RE 2d, et al. **FEBS Lett** 1985 Apr 22;183(2):313–6

Respiratory nitrate reductase of Escherichia coli. Sequence identification of the large subunit gene. McPherson MJ, et al. **FEBS Lett** 1984 Nov 19;177(2):260–4

Alkaline phosphatase isozyme conversion by cell–free extract of Escherichia coli. Nakata A, et al. **FEBS Lett** 1984 Oct 1;175(2):343–8

Identification of the stable free radical tyrosine residue in ribonucleotide reductase. A sequence comparison. Sjöberg BM, et al. **FEBS Lett** 1985 Apr 8;183(1):99–102

Effects of GTP,GDP[beta S] and glucose on adenylate cyclase activity of E. coli B. Stein JM, et al. **FEBS Lett** 1985 Mar 25;182(2):429–34

Implication of proteases in the respiration dependent inactivation of the lactose permease of E. coli. Therisod H, et al. **FEBS Lett** 1985 Jul 22;187(1):38–42

Isolation of the aspartokinase domain of bifunctional aspartokinase I–homoserine dehydrogenase I from E.coli K12. Veron M, et al. **FEBS Lett** 1985 Feb 25;181(2):381–4

Diphosphate concentration does not correlate with the level of inorganic diphosphatase in Escherichia coli. Kukko E, et al. **Folia Microbiol (Praha)** 1984;29(4):282–7

Isolation of restriction enzyme EcoVIII, an isoschizomer of HindIII, produced by Escherichia coli E1585–68. Mise K, et al. **Gene** 1984 Oct;30(1–3):79–85

Effect of hyperthermia and gamma–radiation on Escherichia coli K1060 D–lactate dehydrogenase. Tamba M, et al **Int J Radiat Biol** 1984 Dec;46(6):771–8

Anticapsin, an active–site directed irreversible inhibitor of glucosamine–6–phosphate synthetase from Escherichia coli. Chmara H, et al. **J Antibiot (Tokyo)** 1984 Sep; 37(9):1038–43

beta–Lactam coselection of sensitive and TEM–1 beta–lactamase–producing subpopulations in heterogeneous Escherichia coli colonies. Baquero F, et al. **J Antimicrob Chemother** 1985 Feb;15(2):151–7

Purification and characterization of glutathione synthetase from Escherichia coli B. Gushima H, et al. **J Appl Biochem** 1983 Jun;5(3):210–8

Nickel–containing hydrogenase isoenzymes from anaerobically grown Escherichia coli K–12. Ballantine SP, et al. **J Bacteriol** 1985 Aug;163(2):454–9

Genetic system for analyzing Escherichia coli thymidylate synthase. Belfort M, et al. **J Bacteriol** 1984 Oct;160(1):371–8

Effect of some D–amino acids on the steady–state level of glutamine synthetase in Escherichia coli. Berberich MA. **J Bacteriol** 1985 Sep;163(3):1109–13

Dimethyl sulfoxide reductase activity by anaerobically grown Escherichia coli HB101. Bilous PT, et al. **J Bacteriol** 1985 Jun;162(3):1151–5

Biosynthetic arginine decarboxylase in Escherichia coli is synthesized as a precursor and located in the cell envelope. Buch JK, et al. **J Bacteriol** 1985 Aug;163(2):522–7

Two control systems modulate the level of glutaminyl–tRNA synthetase in Escherichia coli. Cheung AY, et al. **J Bacteriol** 1985 Jan;161(1):212–8

Overproduction of tryptophanyl–tRNA synthetase relieves transcription termination at the Escherichia coli tryptophan operon attenuator. Das A, et al. **J Bacteriol** 1984 Nov; 160(2):805–7

Experimental evolution of penicillin G acylases from Escherichia coli and Proteus rettgeri. Daumy GO, et al. **J Bacteriol** 1985 Sep;163(3):925–32

Molecular cloning of the gene (poxB) encoding the pyruvate oxidase of Escherichia coli, a lipid–activated enzyme. Grabau C, et al. **J Bacteriol** 1984 Dec;160(3):1088–92

Evidence for covalently cross–linked dimers and trimers of enzyme I of the Escherichia coli phosphotransferase system. Grenier FC, et al. **J Bacteriol** 1985 Jul;163(1):243–7

Purification and characterization of D–serine deaminase activator protein. Heincz MC, et al. **J Bacteriol** 1984 Oct; 160(1):42–9

Identity of Escherichia coli D–1–amino–2–propanol:NAD+ oxidoreductase with E. coli glycerol dehydrogenase but not with Neisseria gonorrhoeae 1,2–propanediol:NAD+ oxidoreductase. Kelley JJ, et al. **J Bacteriol** 1985 Apr; 162(1):170–5

In vivo evidence for the role of the epsilon subunit as an inhibitor of the proton–translocating ATPase of Escherichia coli. Klionsky DJ, et al. **J Bacteriol** 1984 Dec; 160(3):1055–60

Immunological investigation of the distribution of cytochromes related to the two terminal oxidases of Escherichia coli in other gram–negative bacteria. Kranz RG, et al. **J Bacteriol** 1985 Feb;161(2):709–13

Role of IIIGlc of the phosphoenolpyruvate–glucose phosphotransferase system in inducer exclusion in Escherichia coli. Nelson SO, et al. **J Bacteriol** 1984 Oct; 160(1):360–4

In vitro and in vivo activation of L–serine deaminase in Escherichia coli K–12. Newman EB, et al. **J Bacteriol** 1985 Jun;162(3):1270–5

Allosteric regulation of glycerol kinase by enzyme IIIglc of the phosphotransferase system in Escherichia coli and Salmonella typhimurium. Novotny MJ, et al. **J Bacteriol** 1985 May;162(2):810–6

Purification and properties of D–mannitol–1–phosphate dehydrogenase and D–glucitol–6–phosphate dehydrogenase from Escherichia coli. Novotny MJ, et al. **J Bacteriol** 1984 Sep;159(3):986–90

Induction of superoxide dismutases in Escherichia coli B by metal chelators. Pugh SY, et al. **J Bacteriol** 1985 Apr; 162(1):196–202

Induction of superoxide dismutases in Escherichia coli by manganese and iron. Pugh SY, et al. **J Bacteriol** 1984 Oct; 160(1):137–42

Serine hydroxymethyltransferase from Escherichia coli: purification and properties. Schirch V, et al. **J Bacteriol** 1985 Jul;163(1):1–7

Localization of a streptothricin acetyl transferase in cells of Escherichia coli K–12. Seltmann G, et al. **J Basic Microbiol** 1985;25(3):197–201

The DNA sequence encoding pldA gene, the structural gene for detergent–resistant phospholipase A of E. coli. Homma H, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1655–64

Characteristics of detergent–resistant phospholipase A overproduced in E. coli cells bearing its cloned structural gene. Homma H, et al. **J Biochem (Tokyo)** 1984 Dec; 96(6):1645–53

A comparative study of sulfhydryl groups required for the catalytic activity of gramicidin S synthetase and isoleucyl tRNA synthetase. Kanda M, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):701–11

Isolation of two kinds of E. coli K–12 mutants for lysophospholipase L2: one with an elevated level of the enzyme and the other defective in it. Kobayashi T, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):137–45

Purification and properties of N–acetylneuraminate lyase from Escherichia coli. Uchida Y, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):507–22

Transcription of the Escherichia coli adenylate cyclase gene is negatively regulated by cAMP–cAMP receptor protein. Aiba H. **J Biol Chem** 1985 Mar 10;260(5):3063–70

Transcription termination factor rho mediates simultaneous release of RNA transcripts and DNA template from complexes with Escherichia coli RNA polymerase. Andrews C, et al. **J Biol Chem** 1985 May 10;260(9):5826–31

The Fo subunits of the Escherichia coli F1Fo–ATP synthase are sufficient to form a functional proton pore. Aris JP, et al. **J Biol Chem** 1985 Sep 15;260(20):11207–15

Inhibition of Escherichia coli cytidine deaminase by a phosphapyrimidine nucleoside. Ashley GW, et al. **J Biol Chem** 1984 Nov 10;259(21):13621–7

Purification and properties of cytidine deaminase from escherichia coli. Ashley GW, et al. **J Biol Chem** 1984 Nov 10;259(21):13615–20

Photoaffinity labeling of undecaprenyl pyrophosphate synthetase with a farnesyl pyrophosphate analogue. Baba T, et al. **J Biol Chem** 1985 Sep 5;260(19):10467–73

The Escherichia coli O6–methylguanine–DNA methyltransferase does not repair promutagenic O6–methylguanine residues when present in Z–DNA. Boiteux S, et al. **J Biol Chem** 1985 Jul 25;260(15):8711–5

Cloned mouse ribonucleotide reductase subunit M1 cDNA reveals amino acid sequence homology with Escherichia coli and herpesvirus ribonucleotide reductases. Caras IW, et al. **J Biol Chem** 1985 Jun 10;260(11):7015–22

Reconstitution of the Ubiquinone–dependent pyruvate oxidase system of Escherichia coli with the cytochrome o terminal oxidase complex. Carter K, et al. **J Biol Chem** 1985 Sep 15;260(20):10986–90

Conformation–specific monoclonal antibodies to glutamine synthetase in Escherichia coli. Chung HK, et al. **J Biol Chem** 1984 Oct 10;259(19):11756–62

The succinate dehydrogenase of Escherichia coli. Immunochemical resolution and biophysical characterization of a 4–subunit enzyme complex. Condon C, et al. **J Biol Chem** 1985 Aug 5;260(16):9427–34

Morphology of proteoliposomes reconstituted with purified lac carrier protein from Escherichia coli. Costello MJ, et al. **J Biol Chem** 1984 Dec 25;259(24):15579–86

Purification and crystallization of the EcoRV restriction endonuclease. D'Arcy A, et al. **J Biol Chem** 1985 Feb 25; 260(4):1987–90

Duplex DNA knots produced by Escherichia coli topoisomerase I. Structure and requirements for formation. Dean FB, et al. **J Biol Chem** 1985 Apr 25;260(8):4975–83

Mechanism of strand passage by Escherichia coli topoisomerase I. The role of the required nick in catenation and knotting of duplex DNA. Dean FB, et al. **J Biol Chem** 1985 Apr 25;260(8):4984–94

Purification and characterization of Escherichia coli RNase T. Deutscher MP, et al. **J Biol Chem** 1985 Jun 10; 260(11):7067–71

Restriction nuclease digestions driven to completion by Escherichia coli RNA polymerase and T4 gene 32 protein. Dombroski DF, et al. **J Biol Chem** 1985 Jan 10;260(1):415–7

Monoclonal antibodies to Escherichia coli F1–ATPase. Correlation of binding site location with interspecies cross–reactivity and effects on enzyme activity. Dunn SD, et al. **J Biol Chem** 1985 Sep 5;260(19):10418–25

Thermal regulation of beta–galactosidase synthesis using anti–sense RNA directed against the coding portion of the mRNA. Ellison MJ, et al. **J Biol Chem** 1985 Aug 5; 260(16):9085–7

Asymmetric reconstitution of homogeneous Escherichia coli sn–glycerol–3–phosphate acyltransferase into phospholipid vesicles. Green PR, et al. **J Biol Chem** 1984 Dec 10; 259(23):14688–94

Effect of ATP on phosphofructokinase–2 from Escherichia coli. A mutant enzyme altered in the allosteric site for MgATP. Guixé V, et al. **J Biol Chem** 1985 Sep 15; 260(20):11001–5

Reconstitution of RecBC DNase activity from purified Escherichia coli RecB and RecC proteins. Hickson ID, et al. **J Biol Chem** 1985 Jan 25;260(2):1224–9

Mercurial–promoted Zn2+ release from Escherichia coli aspartate transcarbamoylase. Hunt JB, et al. **J Biol Chem** 1984 Dec 10;259(23):14793–803

Affinity labeling of dihydrofolate reductase with an antifolate glyoxal. Johanson RA, et al. **J Biol Chem** 1985 Feb 10; 260(3):1465–74

The iron–sulfur cluster composition of Escherichia coli nitrate reductase. Johnson MK, et al. **J Biol Chem** 1985 May 10;260(9):5456–63

Purification and characterization of the bacteriophage T4 dda protein. A DNA helicase that associates with the viral helix–destabilizing protein. Jongeneel CV, et al. **J Biol Chem** 1984 Oct 25;259(20):12925–32

Stimulus–induced changes in methylesterase activity during chemotaxis in Escherichia coli. Kehry MR, et al. **J Biol Chem** 1984 Oct 10;259(19):11828–35

Characterization of DNA polymerase I*, a form of DNA polymerase I found in Escherichia coli expressing SOS functions. Lackey D, et al. **J Biol Chem** 1985 Mar 10; 260(5):3178–84

Compensatory phosphorylation of isocitrate dehydrogenase. A mechanism for adaptation to the intracellular environment. LaPorte DC, et al. **J Biol Chem** 1985 Sep 5;260(19):10563–8

The branch point effect. Ultrasensitivity and subsensitivity to metabolic control. LaPorte DC, et al. **J Biol Chem** 1984 Nov 25;259(22):14068–75

The Escherichia coli adenylate cyclase complex. Stimulation by potassium and phosphate. Liberman E, et al. **J Biol Chem** 1985 Apr 10;260(7):4075–81

sn–1,2–Diacylglycerol kinase of Escherichia coli. Purification, reconstitution, and partial amino– and carboxyl–terminal analysis. Loomis CR, et al. **J Biol Chem** 1985 Apr 10;260(7):4091–7

The sequence of metK, the structural gene for S–adenosylmethionine synthetase in Escherichia coli. Markham GD, et al. **J Biol Chem** 1984 Dec 10; 259(23):14505–7

Spectroscopic studies of pyruvate oxidase flavoprotein from Escherichia coli trapped in the lipid–activated form by cross–linking. Mather MW, et al. **J Biol Chem** 1985 Sep 5;260(19):10395–7

Refined crystal structures of Escherichia coli and chicken liver dihydrofolate reductase containing bound trimethoprim. Matthews DA, et al. **J Biol Chem** 1985 Jan 10;260(1):381–91

The DNA dependence of the ATPase activity of DNA gyrase. Maxwell A, et al. **J Biol Chem** 1984 Dec 10; 259(23):14472–80

Anaerobic biosynthesis of the manganese–containing superoxide dismutase in Escherichia coli. Moody CS, et al. **J Biol Chem** 1984 Oct 25;259(20):12821–5

H+-ATPase of Escherichia coli. An uncE mutation impairing coupling between F1 and Fo but not Fo-mediated H+ translocation. Mosher ME, et al. **J Biol Chem** 1985 Apr 25;260(8):4807–14

Characterization in vitro of the effect of spacer length on the activity of Escherichia coli RNA polymerase at the TAC promoter. Mulligan ME, et al. **J Biol Chem** 1985 Mar 25;260(6):3529–38

Purification and structure of the intact Ada regulatory protein of Escherichia coli K12, O6-methylguanine-DNA methyltransferase. Nakabeppu Y, et al. **J Biol Chem** 1985 Jun 25;260(12):7281–8

Functional biosynthesis of cell wall peptidoglycan by polymorphic bifunctional polypeptides. Penicillin-binding protein 1Bs of Escherichia coli with activities of transglycosylase and transpeptidase. Nakagawa J, et al. **J Biol Chem** 1984 Nov 25;259(22):13937–46

Substrate-induced hysteresis in the activity of Escherichia coli dihydrofolate reductase. Penner MH, et al. **J Biol Chem** 1985 May 10;260(9):5366–9

Role of the b subunit of the Escherichia coli proton-translocating ATPase. A mutagenic analysis. Porter AC, et al. **J Biol Chem** 1985 Jul 5;260(13):8182–7

Trypsin-modified alkaline phosphatase. Formation of apoenzyme monomer and hybrid dimer. Roberts CH, et al. **J Biol Chem** 1985 Jun 25;260(12):7557–61

Binding of rho factor to Escherichia coli RNA polymerase mediated by nusA protein. Schmidt MC, et al. **J Biol Chem** 1984 Dec 25;259(24):15000–2

Interaction of aspartate and aspartate-derived antimetabolites with the enzymes of the threonine biosynthetic pathway of Escherichia coli. Shames SL, et al. **J Biol Chem** 1984 Dec 25;259(24):15331–9

Properties of hybrid aspartate transcarbamoylase formed with native subunits from divergent bacteria. Shanley MS, et al. **J Biol Chem** 1984 Oct 25;259(20):12672–7

The ompA signal peptide directed secretion of Staphylococcal nuclease A by Escherichia coli. Takahara M, et al. **J Biol Chem** 1985 Mar 10;260(5):2670–4

Nucleotide sequence of the guaA gene encoding GMP synthetase of Escherichia coli K12. Tiedeman AA, et al. **J Biol Chem** 1985 Jul 25;260(15):8676–9

Resonance Raman study of cytochrome b562-o complex, a terminal oxidase of Escherichia coli in its ferric, ferrous, and CO-ligated states. Uno T, et al. **J Biol Chem** 1985 Jun 10;260(11):6755–60

Evidence for an essential arginine residue in the active site of Escherichia coli 2-keto-4-hydroxyglutarate aldolase. Modification with 1,2-cyclohexanedione. Vlahos CJ, et al. **J Biol Chem** 1985 May 10;260(9):5480–5

Branch point control by the phosphorylation state of isocitrate dehydrogenase. A quantitative examination of fluxes during a regulatory transition. Walsh K, et al. **J Biol Chem** 1985 Jul 15;260(14):8430–7

Bacillus subtilis dnaE encodes a protein homologous to DNA primase of Escherichia coli. Wang LF, et al. **J Biol Chem** 1985 Mar 25;260(6):3368–72

Biosynthesis of membrane-derived oligosaccharides. Novel glucosyltransferase system from Escherichia coli for the elongation of beta 1——2-linked polyglucose chains. Weissborn AC, et al. **J Biol Chem** 1984 Oct 25;259(20):12644–51

Monoclonal antibodies specific for the alpha subunit of the Escherichia coli DNA polymerase III holoenzyme. Wu YH, et al. **J Biol Chem** 1984 Oct 10;259(19):12117–22

Channeling of a beta-oxidation intermediate on the large subunit of the fatty acid oxidation complex from Escherichia coli. Yang SY, et al. **J Biol Chem** 1985 Mar 10;260(5):2862–8

Identification of a trpG-related glutamine amide transfer domain in Escherichia coli GMP synthetase. Zalkin H, et al. **J Biol Chem** 1985 Mar 25;260(6):3350–4

A multiple mutant of Escherichia coli lacking the exoribonucleases RNase II, RNase D, and RNase BN. Zaniewski R, et al. **J Biol Chem** 1984 Oct 10;259(19):11651–3

Evidence for the evolutionary relatedness of the proteins of the bacterial phosphoenolpyruvate:sugar phosphotransferase system. Saier MH Jr, et al. **J Cell Biochem** 1985;27(1):43–56

Tryptophanase synthesis in Escherichia coli: the role of indole replacement in supplying tryptophan and the nature of the constitutive mutation tnaR3. Edwards RM, et al. **J Gen Microbiol** 1984 Jun;130 (Pt 6):1535–42

Location of the catalytic site of the respiratory fumarate reductase of Escherichia coli. Simpkin D, et al. **J Gen Microbiol** 1984 Nov;130 (Pt 11):2851–5

Diversity of Escherichia coli isolates in extra-intestinal infections as determined by enzyme patterns [letter] Goullet P, et al. **J Infect** 1985 May;10(3):283–4

Effect of different phospholipids on the reconstitution of two functions of the lactose carrier of Escherichia coli. Seto-Young D, et al. **J Membr Biol** 1985;84(3):259–67

Kinetics and importance of the dimerization step in the folding pathway of the beta 2 subunit of Escherichia coli tryptophan synthase. Blond S, et al. **J Mol Biol** 1985 Apr 20;182(4):597–606

Sites of reaction of Escherichia coli DNA gyrase on pBR322 in vivo as revealed by oxolinic acid-induced plasmid linearization. Lockshon D, et al. **J Mol Biol** 1985 Jan 5;181(1):63–74

A comparative study on 1-nitropyrene and nitrofurazone reductases in Escherichia coli. Narai N, et al. **J Pharmacobiodyn** 1984 Jun;7(6):407–13

Response of a phage modification factor to enhanced production of its target molecule. Olson NJ, et al. **J Virol** 1985 Feb;53(2):702–4

Properties and specificity of methionyl-tRNAfMet formyltransferase from Escherichia coli. Blanquet S, et al. **Methods Enzymol** 1984;106:141–52

Enzymatic reduction of methionine sulfoxide residues in proteins and peptides. Brot N, et al. **Methods Enzymol** 1984;107:352–60

Aminoacyl-tRNA: protein transferases. Deutch CE. **Methods Enzymol** 1984;106:198–205

Coliphage-induced ADP-ribosylation of Escherichia coli RNA polymerase. Goff CG. **Methods Enzymol** 1984;106:418–29

5'-Nucleotidyl-O-tyrosine bond in glutamine synthetase. Rhee SG. **Methods Enzymol** 1984;107:183–200

Mechanism of illegitimate recombination: common sites for recombination and cleavage mediated by E. coli DNA gyrase. Ikeda H, et al. **MGG** 1984;196(3):546–9

Function of ribonuclease H in initiation of DNA replication in Escherichia coli K-12. Kogoma T, et al. **MGG** 1985;200(1):103–9

Nucleotide sequence of the triose phosphate isomerase gene of Escherichia coli. Pichersky E, et al. **MGG** 1984;195(1–2):314–20

Purification and partial characterization of megamodulin, a heat-stable protein factor from E. coli and its stimulatory effect on RNA polymerase holoenzyme. Sen S, et al. **Microbios** 1985;42(168):67–75

Modified immunodiffusion and peroxidase staining methods to detect Escherichia coli nitrite reductase and other sirohaem-containing proteins. Tang ZJ, et al. **Microbios** 1984;40(161–162):153–60

DNA polymerase III holoenzyme of Escherichia coli: components and function of a true replicative complex. McHenry CS. **Mol Cell Biochem** 1985 Feb;66(1):71–85 (83 ref.)

Redox interconversion of glutathione reductase from Escherichia coli. A study with pure enzyme and cell-free extracts. Mata AM, et al. **Mol Cell Biochem** 1985 May;67(1):65–76

Bacterial beta-galactosidase as a marker of Rous sarcoma virus gene expression and replication. Norton PA, et al. **Mol Cell Biol** 1985 Feb;5(2):281–90

Induction of 3-methyladenine DNA glycosylase II is recA+-independent. Evensen G. **Mutat Res** 1985 Sep;146(2):143–7

Absence of pyrimidine insertase activity in E. coli extracts, using plasmid DNA containing apyrimidinic sites. Martin B, et al. **Mutat Res** 1984 Sep–Oct;132(3–4):87–93

Domain of E. coli DNA polymerase I showing sequence homology to T7 DNA polymerase. Ollis DL, et al. **Nature** 1985 Feb 28–Mar 6;313(6005):818–9

Structure of large fragment of Escherichia coli DNA polymerase I complexed with dTMP. Ollis DL, et al. **Nature** 1985 Feb 28–Mar 6;313(6005):762–6

Evolution of catalytic and regulatory sites in phosphorylases. Palm D, et al. **Nature** 1985 Feb 7–13;313(6002):500–2

Rapid assay for detection of Escherichia coli xanthine-guanine phosphoribosyltransferase activity in transduced cells. Chu G, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2921–30

Excision of uracil residues in DNA: mechanism of action of Escherichia coli and Micrococcus luteus uracil-DNA glycosylases. Delort AM, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):319–35

Efficient modification of E. coli RNA polymerase in vitro by the N gene transcription antitermination protein of bacteriophage lambda. Goda Y, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2569–82

Oligonucleotides complementary to a promoter over the region -8...+2 as transcription primers for E. coli RNA polymerase. Grachev MA, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8509–24

The nucleotide sequence recognised by the Escherichia coli D type I restriction and modification enzyme. Nagaraja V, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):389–99

Nucleotide sequence of the Bacillus subtilis xylose isomerase gene: extensive homology between the Bacillus and Escherichia coli enzyme. Wilhelm M, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5717–22

Synthesis and expression of RNase T1 gene. Ikehara M, et al. **Nucleic Acids Symp** Ser 1984;(15):197–200

Effect of photooxidation on catalytic and regulatory properties of NAD-linked malic enzyme from Escherichia coli. Saito R, et al. **Physiol Chem Phys Med NMR** 1985;17(1):45–51

Endonuclease III (nth) mutants of Escherichia coli. Cunningham RP, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):474–8

Direct measurement of the electrogenic activity of o-type cytochrome oxidase from Escherichia coli reconstituted into planar lipid bilayers. Hamamoto T, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2570–3

Regulation of aspartate transcarbamoylase synthesis in Escherichia coli: analysis of deletion mutations in the promoter region of the pyrBI operon. Levin HL, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4643–7

Nucleotide sequence of the Dpn II DNA methylase gene of Streptococcus pneumoniae and its relationship to the dam gene of Escherichia coli. Mannarelli BM, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4468–72

Expression of glnA in Escherichia coli is regulated at tandem promoters. Reitzer LJ, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1979–83

Escherichia coli DNA photolyase stimulates uvrABC excision nuclease in vitro. Sancar A, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7397–401

A separate editing exonuclease for DNA replication: the epsilon subunit of Escherichia coli DNA polymerase III holoenzyme. Scheuermann RH, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7747–51

Subunit b of the membrane moiety (F0) of ATP synthase (F1F0) from Escherichia coli is indispensable for H+ translocation and binding of the water-soluble F1 moiety. Schneider E, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7279–83

Chicken triosephosphate isomerase complements an Escherichia coli deficiency. Straus D, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2014–8

The ATP dependent pathway for protein breakdown in bacteria and mitochondria. Goldberg AL, et al. **Prog Clin Biol Res** 1985;180:33–45

Effect of an Escherichia coli strain on intestinal IgA plasmocyte stimulation and serum antibody response in gnotobiotic mice. Moreau MC, et al. **Prog Clin Biol Res** 1985;181:391–4

Proteolytic activities in membranes of Escherichia coli. Palmer SM, et al. **Prog Clin Biol Res** 1985;180:295–7

On the structure and genetics of the proton-conducting F0 of the ATP synthase. Sebald W, et al. **Prog Clin Biol Res** 1984;164:175–85

Purification by affinity chromatography of glutathione reductase (EC 1.6.4.2) from Escherichia coli and characterization of such enzyme. Mata AM, et al. **Z Naturforsch [C]** 1984 Sep–Oct;39(9–10):908–15

Enzymatic nitrate assay by a kinetic method employing Escherichia coli nitrate reductase. Schild J, et al. **Z Naturforsch [C]** 1985 Jan–Feb;40(1–2):134–7

Binding of the fluorescent dye 8-anilinonaphthalene 1-sulfonic acid to the native and pressure dissociated beta 2-dimer of tryptophan synthase from Escherichia coli. Seifert T, et al. **Z Naturforsch [C]** 1984 Sep–Oct;39(9–10):1008–11

[Mechanisms of efflux of a substrate accumulated by the lactose permease of Escherichia coli: theoretical and experimental study] Kepes F. **Biochimie** 1985 Jan;67(1):69–73 (Eng. Abstr.) **(Fre)**

[Synthesis of alkaline phosphatase in a stringent and a relaxed strain of Escherichia coli under amino acid and phosphate limitation] Hecker M, et al. **J Basic Microbiol** 1985;25(5):341–7 (Eng. Abstr.) **(Ger)**

[Ribonucleotide reductase complex] Przybyszewski WM. **Postepy Biochem** 1983;29(3–4):321–33 (93 ref.) **(Pol)**

[Comparative evaluation of the clinical effectiveness of 3 preparations of E. coli L-asparaginase] Kondrat'eva NA. **Antibiotiki** 1984 Jul;29(7):527–31 (Eng. Abstr.) **(Rus)**

[DNA methylase activity in E. coli cells infected by T5 bacteriophage] Chernov AP, et al. **Biokhimiia** 1985 Jan;50(1):74–7 (Eng. Abstr.) **(Rus)**

[Comparison of specific recognition sites of adenine and cytosine DNA-methylase of Yersinia Pestis EV 76 C dam and dcm by Escherichia coli methylases] Demidova GV, et al. **Biokhimiia** 1984 Oct;49(10):1594–7 (Eng. Abstr.) **(Rus)**

[Effect of the redox state of glutathione on acetate kinase activity in E. coli] Kulis IuIu, et al. **Biokhimiia** 1985 Feb;50(2):307–11 (Eng. Abstr.) **(Rus)**

[Effect of 5-azacytidine on E. coli cells with different DNA-methylases] Venozhinskis MT, et al. **Biokhimiia** 1985 May;50(5):749–54 (Eng. Abstr.) **(Rus)**

[Catalase and superoxide dismutase activity in isogenous bacterial strains with different degrees of radioresistance] Vasil'eva EI, et al. **Biol Nauki** 1984;(9):30–3 (Eng. Abstr.) **(Rus)**

[Primary structure of the E. coli DNA-dependent RNA-polymerase beta'-subunit. Hydrolysis with trypsin] Bogachuk AP, et al. **Bioorg Khim** 1984 Jun;10(6):751–75 (Eng. Abstr.) **(Rus)**

[Physico-chemical properties of DNA-dependent RNA-polymerase from Escherichia coli and its subunits] Deshko TN, et al. **Bioorg Khim** 1984 May;10(5):641–7 (Eng. Abstr.) **(Rus)**

[E. coli DNA polymerase. A study of the mechanism of primer binding using oligothymidylate analogs with ethylated internucleotide phosphate groups] Levina AS, et al. **Bioorg Khim** 1985 Mar;11(3):358–69 (Eng. Abstr.) **(Rus)**

[Identification of the histidine residue in the active center of Escherichia coli RNA-polymerase] Grachev MA, et al. **Dokl Akad Nauk SSSR** 1985;281(3):723–7 **(Rus)**

[Extrachromosomal elements of Escherichia coli in the fraction containing nucleoprotein complexes of reverse transcriptase with an endogenous template] Romashchenko AG, et al. **Dokl Akad Nauk SSSR** 1984;277(5):1264–6 **(Rus)**

[Effect of hydrocortisone on the oxidation of substrates in the Krebs cycle] Korkach VI, et al. **Fiziol Zh** 1985 May–Jun;31(3):306–12 (Eng. Abstr.) **(Rus)**

[Regulatory mutants for the synthesis of a 2d purine nucleoside phosphorylase in Escherichia coli K-12. I. Synthesis inducers and the substrate specificity of purine nucleoside phosphorylase in padR mutants] Kocharian ShM, et al. **Genetika (Moskva)** 1984 Sep;20(9):1463-71 (Eng. Abstr.) **(Rus)**

[The peptidyltransferase center of ribosomes—what is it?] Kukhanova MK, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):371-7 (Eng. Abstr.) **(Rus)**

[Isolation and characterization of a segment of a respiratory chain specific to the nitrate reductase system of Escherichia coli K-12] Sánchez Crispín JA, et al. **Acta Cient Venez** 1984;35(5-6):356-62 **(Spa)**

GENETICS

Autorepression of the dnaA gene of Escherichia coli. Atlung T, et al. **Adv Exp Med Biol** 1984;179:199-207

Replication functions encoded by the plasmid pSC101. Churchward G, et al. **Adv Exp Med Biol** 1984;179:209-14

Expression of silent genes: possible interaction between DNA gyrase and RNA polymerase. Ephrati-Elizur E, et al. **Adv Exp Med Biol** 1984;179:435-40

Plasmid cloning of DNA polymerase I in Escherichia coli and Saccharomyces cerevisiae. Spanos A, et al. **Adv Exp Med Biol** 1984;179:363-72

Linkage of genes for heat-stable enterotoxin, drug resistance, K99 antigen, and colicin in bovine and porcine strains of enterotoxigenic Escherichia coli. Harnett NM, et al. **Am J Vet Res** 1985 Feb;46(2):428-33

Nucleotide sequences of the genes for Escherichia coli heat-stable enterotoxin I of bovine, avian, and porcine origins. Sekizaki T, et al. **Am J Vet Res** 1985 Apr;46(4):909-12

M13 clones carrying point mutations: identification by solution hybridization. Hobden AN, et al. **Anal Biochem** 1985 Jan;144(1):75-8

Regulation of chromosome segregation in Escherichia coli. Jaffé A, et al. **Ann Inst Pasteur Microbiol** 1985 Jan-Feb;136A(1):159-64

Envelope protein changes, autoagglutination, sensitivity to hydrophobic agents and a conditional division lesion in Escherichia coli strains carrying ColV virulence plasmids. Rowbury RJ, et al. **Ann Inst Pasteur Microbiol** 1985 Jan-Feb;136A(1):147-57

Studies of protein function by various mutagenic strategies: beta-lactamase. Dalbadie-McFarland G, et al. **Ann NY Acad Sci** 1984;434:232-8

Regulation of the biotin operon in E. coli. Eisenberg MA. **Ann NY Acad Sci** 1985;447:335-49

Inducible DNA repair systems. Walker GC. **Annu Rev Biochem** 1985;54:425-57 (374 ref.)

Bacterial regulation: global regulatory networks. Gottesman S. **Annu Rev Genet** 1984;18:415-41 (137 ref.)

The population genetics of Escherichia coli. Hartl DL, et al. **Annu Rev Genet** 1984;18:31-68 (204 ref.)

Elimination of multicopy plasmid R6K by bleomycin. Attfield PV, et al. **Antimicrob Agents Chemother** 1985 Jun;27(6):985-8

Construction of a gentamicin resistance gene probe for epidemiological studies. Groot Obbink DJ, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):96-102

Plasmid-borne or chromosomally mediated resistance by Tn7 is the most common response to ubiquitous use of trimethoprim. Steen R, et al. **Antimicrob Agents Chemother** 1985 Jun;27(6):933-7

Cloning and expression of Staphylococcus aureus plasmid-mediated quaternary ammonium resistance in Escherichia coli. Tennent JM, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):79-83

Antibiotic resistance and small R plasmids among Escherichia coli isolates from outpatient urinary tract infections in northern Norway. Vorland LH, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):107-13

Genetic analysis of complex gene clusters in Escherichia coli: the genetic analysis of F72 fimbrial genes. Hoekstra WP, et al. **Antonie Van Leeuwenhoek** 1984;50(5-6):585-96 (45 ref.)

IncH plasmids in Escherichia coli strains isolated from broiler chicken carcasses. Chaslus-Dancla E, et al. **Appl Environ Microbiol** 1985 Apr;49(4):1016-8

Streptococcus-Escherichia coli shuttle vector pSA3 and its use in the cloning of streptococcal genes. Dao ML, et al. **Appl Environ Microbiol** 1985 Jan;49(1):115-9

Influence of salts and temperature on the transfer of mercury resistance from a marine pseudomonad to Escherichia coli. Gauthier MJ, et al. **Appl Environ Microbiol** 1985 Jul;50(1):38-40

Transfer of plasmids pBR322 and pBR325 in wastewater from laboratory strains of Escherichia coli to bacteria indigenous to the waste disposal system. Gealt MA, et al. **Appl Environ Microbiol** 1985 Apr;49(4):836-41

Construction of plasmid cloning vectors for lactic streptococci which also replicate in Bacillus subtilis and Escherichia coli. Kok J, et al. **Appl Environ Microbiol** 1984 Oct;48(4):726-31

Large-scale preparation of ribulosebisphosphate carboxylase from a recombinant system in Escherichia coli characterized by extreme plasmid instability. Pierce J, et al. **Appl Environ Microbiol** 1985 May;49(5):1094-100

Mobilization of Thiobacillus ferrooxidans plasmids among Escherichia coli strains. Rawlings DE, et al. **Appl Environ Microbiol** 1985 May;49(5):1323-5

Cloning of the pullulanase gene and overproduction of pullulanase in Escherichia coli and Klebsiella aerogenes. Takizawa N, et al. **Appl Environ Microbiol** 1985 Feb;49(2):294-8

Cloning and expression in Escherichia coli of pectinase genes of Erwinia carotovora subsp. carotovora. Zink RT, et al. **Appl Environ Microbiol** 1985 Mar;49(3):714-7

Ribosomal activity of the 16 S.23 S RNA complex. Burma DP, et al. **Arch Biochem Biophys** 1985 Jun;239(2):427-35

Cloning and expression of the metE gene in Escherichia coli. Chu J, et al. **Arch Biochem Biophys** 1985 Jun;239(2):467-74

Comparative analysis of translation accuracy in an Escherichia coli and a mammalian cell-free system. Laughrea M, et al. **Arch Biochem Biophys** 1984 Dec;235(2):571-8

Genetic manipulation of the restricted facultative methylotroph Hyphomicrobium X by the R-plasmid-mediated introduction of the Escherichia coli pdh genes. Dijkhuizen L, et al. **Arch Microbiol** 1984 Nov;139(4):311-8

Expression of genes from the marine bacterium Alteromonas haloplanktis 214 in Escherichia coli K-12. MacLeod RA, et al. **Arch Microbiol** 1985 Aug;142(3):248-52

The seleno-polypeptide of formic dehydrogenase (formate hydrogen-lyase linked) from Escherichia coli: genetic analysis. Pecher A, et al. **Arch Microbiol** 1985 May;141(4):359-63

Evolutionary relevance of genetic rearrangements involving plasmids. Arber W, et al. **Basic Life Sci** 1985;30:21-31

The partition functions of P1, P7, and F miniplasmids. Austin S, et al. **Basic Life Sci** 1985;30:215-26

DNA-protein interaction at the replication origins of plasmid chromosomes. Bastia D, et al. **Basic Life Sci** 1985;30:397-414

Insertion of transcriptional elements outside the replication region can interfere with replication, maintenance, and stability of Co1E1-derived plasmids. Bujard H, et al. **Basic Life Sci** 1985;30:45-52

P1 plasmid maintenance: a paradigm of precise control. Chattoraj DK, et al. **Basic Life Sci** 1985;30:355-81

Partitioning of the pSC101 plasmid during cell division. Cohen SN, et al. **Basic Life Sci** 1985;30:383-95

Plasmid-mediated iron sequestering systems in pathogenic strains of Vibrio anguillarum and Escherichia coli. Crosa JH, et al. **Basic Life Sci** 1985;30:759-74

Role of the pi initiation protein and direct nucleotide sequence repeats in the regulation of plasmid R6K replication. Filutowicz M, et al. **Basic Life Sci** 1985;30:125-40

2-Aminopurine mutagenesis in Escherichia coli. Glickman BW. **Basic Life Sci** 1985;31:353-79 (67 ref.)

Structure, function, and regulation of the plasmid-encoded hemolysin determinant of Escherichia coli. Goebel W, et al. **Basic Life Sci** 1985;30:791-805

The origin of plasmid DNA transfer during bacterial conjugation. Guiney DG, et al. **Basic Life Sci** 1985;30:521-34

Mechanisms essential for stable inheritance of mini-F plasmid. Hiraga S, et al. **Basic Life Sci** 1985;30:469-87

Repeated DNA sequences recombine 1,000 times more frequently in a plasmid than in the chromosome of Bacillus subtilis. Jannière L, et al. **Basic Life Sci** 1985;30:93-103

Initiation of replication of the Escherichia coli chromosomal origin reconstituted with purified enzymes. Kaguni JM, et al. **Basic Life Sci** 1985;30:141-50

Thymineless mutagenesis in bacteria. Kunz BA. **Basic Life Sci** 1985;31:189-209

Genes and gene products involved in the synthesis of F-pili. Laine S, et al. **Basic Life Sci** 1985;30:535-53

Broad host-range plasmid R1162: replication, incompatibility, and copy-number control. Meyer RJ, et al. **Basic Life Sci** 1985;30:173-88

Stable maintenance of plasmid Clo DF13: structural and functional relationships between replication control, partitioning, and incompatibility. Nijkamp HJ, et al. **Basic Life Sci** 1985;30:283-98

Replication control for pT181, an indirectly regulated plasmid. Novick RP, et al. **Basic Life Sci** 1985;30:299-320

Construction of Co1E1 RNA1 mutants and analysis of their function in vivo. Polisky B, et al. **Basic Life Sci** 1985;30:321-33

Control of chromosome replication in bacteria. Pritchard RH. **Basic Life Sci** 1985;30:277-82

On the transposition and evolution of Tn1721 and its relatives. Schmitt R, et al. **Basic Life Sci** 1985;30:79-91

Replication determinants of the broad host-range plasmid RSF1010. Scholz P, et al. **Basic Life Sci** 1985;30:243-59

Regulation of replication and maintenance functions of broad host-range plasmid RK2. Thomas CM, et al. **Basic Life Sci** 1985;30:261-76

Origin and initiation sites of lambda dv DNA replication in vitro. Tsurimoto T, et al. **Basic Life Sci** 1985;30:151-72

Plasmid DNA primases and their role in bacterial conjugation. Wilkins BM, et al. **Basic Life Sci** 1985;30:585-603

The plasmid-specified aerobactin iron uptake system of Escherichia coli. Williams PH, et al. **Basic Life Sci** 1985;30:741-57

The energetics of the injection process of bacteriophage lambda DNA and the role of the ptsM/pel-encoded protein. Filali Maltouf AK, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1093-101

Cloning and expression of the Escherichia coli D-xylose isomerase gene in Bacillus subtilis. Huang JJ, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1154-60

Purification and characterization of recombinant human interleukin-2 produced in Escherichia coli. Kato K, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):692-9

Evaluation of recombinant DNA-directed E.coli produced alpha 1-antitrypsin as an anti-neutrophil elastase for potential use as replacement therapy of alpha 1-antitrypsin deficiency. Straus SD, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1177-84

Detection of proteins which recognize and bind oriC sequences. Weinberger M, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):600-5

Structural homology between Drosophila melanogaster and Escherichia coli acidic ribosomal proteins. Chooi WY, et al. **Biochem Genet** 1984 Aug;22(7-8):749-67

Expression of the cDNA for alpha 1-acid glycoprotein, a rat plasma protein, in Escherichia coli. Birch HE, et al. **Biochem Int** 1983 May;6(5):653-61

Modification of Escherichia coli ribosomes: in vitro termination is less dependent on histidine residues at the peptidyl transferase centre when ribosomes lack protein L11. Sumpter VG, et al. **Biochem Int** 1985 Feb;10(2):137-46

Ribosomes from a relC mutant strain of Escherichia coli show altered activity with bacterial release factor-1. Ward CD, et al. **Biochem Int** 1985 Jun;10(6):855-61

DNA sequence around the Escherichia coli unc operon. Completion of the sequence of a 17 kilobase segment containing asnA, oriC, unc, glmS and phoS. Walker JE, et al. **Biochem J** 1984 Dec 15;224(3):799-815

Cloning of the luciferase structural genes from Vibrio harveyi and expression of bioluminescence in Escherichia coli. Baldwin TO, et al. **Biochemistry** 1984 Jul 31;23(16):3663-7

Kinetics of open complex formation between Escherichia coli RNA polymerase and the lac UV5 promoter. Evidence for a sequential mechanism involving three steps. Buc H, et al. **Biochemistry** 1985 May 21;24(11):2712-23

Changes in the DNA structure of the lac UV5 promoter during formation of an open complex with Escherichia coli RNA polymerase. Spassky A, et al. **Biochemistry** 1985 May 21;24(11):2723-31

Temperature-sensitive translation of MS2 bacteriophage RNA. Armstrong-Major J, et al. **Biochim Biophys Acta** 1985 Feb 20;824(2):140-5

Genetic expression and gyrase dependence of methylated and undermethylated DNA in Escherichia coli. Gomez-Eichelmann MC, et al. **Biochim Biophys Acta** 1985 Jul 24;825(3):335-8

Expression of srnB gene of F plasmid by altered RNA polymerase in Escherichia coli. Ito R, et al. **Biochim Biophys Acta** 1985 May 24;825(1):1-11

Specific incorporation of 5-fluorocytidine into Escherichia coli RNA. Kaiser II, et al. **Biochim Biophys Acta** 1985 May 24;825(1):12-20

The ilvIH operon of Escherichia coli K-12. Identification of the gene products and recognition of the translational start by polypeptide microsequencing. Lago CT, et al. **Biochim Biophys Acta** 1985 Jan 29;824(1):74-9

Roles of the trkB and trkC gene products of Escherichia coli in K+ transport. Booth IR, et al. **Biochimie** 1985 Jan;67(1):83-9

Indirect effects of the 3'-5' cyclic adenosine monophosphate binding protein (CAP) on the transcription of the malPQ operon in Escherichia coli. Gutierrez C, et al. **Biochimie** 1985 Jan;67(1):145-8

Cloning and expression in Escherichia coli of the TL-DNA gene 4 of Agrobacterium tumefaciens under the control of the PR promoter of bacteriophage lambda. Sibold L, et al. **Biochimie** 1984 Jul-Aug;66(7-8):547-56

A well transformable E. coli tdk-strain—suitable for direct rescue of tk gene plasmids from mammalian cells. Kaehler R, et al. **Biomed Biochim Acta** 1984;43(11):K25-9

Nucleotide sequence of the thioredoxin gene from Escherichia coli. Höög JO, et al. **Biosci Rep** 1984 Nov;4(11):917-23

Stable maintenance in chemostat-grown Escherichia coli of pBR322 and pACYC184 by disruption of the tetracycline resistance gene. Vernet T, et al. **Biosci Rep** 1985 Jan;5(1):29-37

In vitro recombination of bacteriophage T7 DNA: further characterization of the reaction using plasmid DNA. Lee D, et al. **Can J Biochem Cell Biol** 1985 Apr;63(4):243-8

In vitro concatemerization of bacteriophage T7 DNA: role of DNA synthesis and gene 6 exonuclease. Lee DD, et al. **Can J Biochem Cell Biol** 1985 Apr;63(4):237-42

Enterotoxin plasmids in bovine and porcine enterotoxigenic Escherichia coli of O groups 9, 20, 64 and 101. Harnett NM, et al. **Can J Comp Med** 1985 Jan;49(1):79-87

Effect of ozone on prophage induction in different strains of Escherichia coli K-12 lysogenic for lambda. L'Hérault P, et al. **Can J Genet Cytol** 1984 Dec;26(6):706-9

Evidence for involvement of pyrH+ of an Escherichia coli K-12 F-prime factor in inhibiting construction of hybrid merodiploids with Salmonella typhimurium. Kelln RA. **Can J Microbiol** 1984 Aug;30(8):991-6

E. coli ribosomal protein operons: the case of the misplaced genes. Björk GR. **Cell** 1985 Aug;42(1):7-8 (9 ref.)

Autoregulation of the DNA replication gene dnaA in E. coli K-12. Braun RE, et al. **Cell** 1985 Jan;40(1):159-69

E. coli integration host factor binds to specific sites in DNA. Craig NL, et al. **Cell** 1984 Dec;39(3 Pt 2):707-16

Site-specific recognition of the bacteriophage Mu ends by the Mu A protein. Craigie R, et al. **Cell** 1984 Dec;39(2 Pt 1):387-94

The dnaA protein complex with the E. coli chromosomal replication origin (oriC) and other DNA sites. Fuller RS, et al. ***Cell** 1984 Oct;38(3):889-900*

Production of abnormal proteins in E. coli stimulates transcription of lon and other heat shock genes. Goff SA, et al. **Cell** 1985 Jun;41(2):587-95

tnpM: a novel regulatory gene that enhances Tn21 transposition and suppresses cointegrate resolution. Hyde DR, et al. **Cell** 1985 Sep;42(2):629-38

Different base/base mismatches are corrected with different efficiencies by the methyl-directed DNA mismatch-repair system of E. coli. Kramer B, et al. **Cell** 1984 Oct;38(3):879-87

Stringent control of bacterial transcription. Lamond AI, et al. **Cell** 1985 May;41(1):6-8 (21 ref.)

Antitermination of E. coli rRNA transcription is caused by a control region segment containing lambda nut-like sequences. Li SC, et al. **Cell** 1984 Oct;38(3):851-60

The rpsU-dnaG-rpoD macromolecular synthesis operon of E. coli. Lupski JR, et al. **Cell** 1984 Dec;39(2 Pt 1):251-2

Dual promoter control of the Escherichia coli lactose operon. Malan TP, et al. **Cell** 1984 Nov;39(1):173-80

Mechanism of transposition of bacteriophage Mu: polarity of the strand transfer reaction at the initiation of transposition. Mizuuchi K. **Cell** 1984 Dec;39(2 Pt 1):395-404

A bidirectional rho-independent transcription terminator between the E. coli tonB gene and an opposing gene. Postle K, et al. **Cell** 1985 Jun;41(2):577-85

RecBC enzyme nicking at Chi sites during DNA unwinding: location and orientation-dependence of the cutting. Taylor AF, et al. **Cell** 1985 May;41(1):153-63

Control of ColE1 plasmid replication: the process of binding of RNA I to the primer transcript. Tomizawa J. **Cell** 1984 Oct;38(3):861-70

Control of ColE1 plasmid replication: enhancement of binding of RNA I to the primer transcript by the Rom protein. Tomizawa J, et al. **Cell** 1984 Oct;38(3):871-8

Control of ColE1 plasmid replication: initial interaction of RNA I and the primer transcript is reversible. Tomizawa J. **Cell** 1985 Mar;40(3):527-35

The Tetrahymena rRNA intron self-splices in E. coli: in vivo evidence for the importance of key base-paired regions of RNA for RNA enzyme function. Waring RB, et al. **Cell** 1985 Feb;40(2):371-80

A model for the core structure of the Escherichia coli RecA protein. Blanar MA, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:507-11

Studies of the mechanism of DNA pairing by the RecA protein of Escherichia coli. Bryant FR, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:535-9

Genes of the RecE and RecF pathways of conjugational recombination in Escherichia coli. Clark AJ, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:453-62

Unidirectional branch migration promoted by nucleoprotein filaments of RecA protein and DNA. Cox MM, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:525-33

Intermediates in homologous pairing promoted by RecA protein and correlations of recombination in vitro and in vivo. Flory SS, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:513-23

RecF and RecBC function during recombination of nonreplicating, UV-irradiated phage lambda DNA and during other recombination processes. Hays JB, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:475-83

Functional difference of the two ends of insertion sequence IS1 in transposition and cointegration. Ishizaki K, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:207-13

In vitro analysis of Hin-mediated site-specific recombination. Johnson RC, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:751-60

The mechanism of the chi-cos interaction in RecA-RecBC-mediated recombination in phage lambda. Kobayashi I, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:497-506

Formation of inverted dimer plasmids after transformation of yeast with linearized plasmid DNA. Kunes S, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:617-28

Repair of DNA base-pair mismatches in extracts of Escherichia coli. Lu AL, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:589-96

Host functions in amplification/deamplification of Tn9 in Escherichia coli K-12: a new model for amplification. Mahajan SK, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:443-51

Primary structure of the himA gene of Escherichia coli: homology with DNA-binding protein HU and association with the phenylalanyl-tRNA synthetase operon. Miller HI. **Cold Spring Harbor Symp Quant Biol** 1984;49:691-8

Site-specific recombination in the oriV1 region of the F factor. O'Connor MB, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:421-34

Genetic analysis and regulation of inducible recombination in Escherichia coli K-12. Picksley SM, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:469-74

Origin of cryptic lambda prophages in Escherichia coli K-12. Redfield RJ, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:199-206

Programming of DNA rearrangements involving mu prophages. Shapiro JA, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:313-20

Site-specific recombination in transposition and plasmid stability. Sherratt D, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:227-33

Roles of processive unwinding in recombination reactions promoted by RecA protein of Escherichia coli: a study using a monoclonal antibody. Shibata T, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:541-51

Roles of RecBC enzyme and chi sites in homologous recombination. Smith GR, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:485-95

Visualization of RecA-DNA complexes involved in consecutive stages of an in vitro strand exchange reaction. Stasiak A, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:561-70

Involvement of Escherichia coli mismatch repair in DNA replication and recombination. Wagner R, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:611-5

Plasmid, phage, and genomic DNA-mediated transfer and expression of prokaryotic and eukaryotic genes in cultured human cells. Srivatsan ES, et al. **Cytogenet Cell Genet** 1984;38(3):227-34

Plasmid vectors for the regulated, high level expression of eukaryotic genes in Escherichia coli. Amann E. **Dev Biol Stand** 1985;59:11-22

Expression of galactokinase as a fusion protein in Escherichia coli and Saccharomyces cerevisiae. Heusterspreute M, et al. **DNA** 1984 Oct;3(5):377-86

Sequence of the relB transcription unit from Escherichia coli and identification of the relB gene. Bech FW, et al. **EMBO J** 1985 Apr;4(4):1059-66

3-Methyladenine residues in DNA induce the SOS function sfiA in Escherichia coli. Boiteux S, et al. **EMBO J** 1984 Nov;3(11):2569-73

Mechanism of UTP-modulated attenuation at the pyrE gene of Escherichia coli: an example of operon polarity control through the coupling of translation to transcription. Bonekamp F, et al. **EMBO J** 1984 Dec 1;3(12):2857-61

Production of thiol-penicillin-binding protein 3 of Escherichia coli using a two primer method of site-directed mutagenesis. Broome-Smith JK, et al. **EMBO J** 1985 Jan;4(1):231-5

Formation of covalently closed heteroduplex DNA by the combined action of gyrase and RecA protein. Cassuto E. **EMBO J** 1984 Sep;3(9):2159-64

Cloning and expression in Escherichia coli of a surface antigen of Plasmodium falciparum merozoites. Cheung A, et al. **EMBO J** 1985 Apr;4(4):1007-11

Does unpaired adenosine-66 from helix II of Escherichia coli 5S RNA bind to protein L18? Christiansen J, et al. **EMBO J** 1985 Apr;4(4):1019-24

Nucleotide sequence of the prokaryotic mobile genetic element IS30. Dalrymple B, et al. **EMBO J** 1984 Sep;3(9):2145-9

The pro- and mature forms of the E. coli K-12 outer membrane phospholipase A are identical. de Geus P, et al. **EMBO J** 1984 Aug;3(8):1799-802

Negative supercoiling induces spontaneous unwinding of a bacterial promoter. Drew HR, et al. **EMBO J** 1985 Apr;4(4):1025-32

Secretion cloning vectors in Escherichia coli. Ghrayeb J, et al. **EMBO J** 1984 Oct;3(10):2437-42

Environmental temperature regulates transcription of a virulence pili operon in E. coli. Göransson M, et al. **EMBO J** 1984 Dec 1;3(12):2885-8

A signal sequence mutant defective in export of ribose-binding protein and a corresponding pseudorevertant isolated without imposed selection. Iida A, et al. **EMBO J** 1985 Jul;4(7):1875-80

Characterization of an amber mutation in the structural gene for ribosomal protein L15, which impairs the expression of the protein export gene, secY, in Escherichia coli. Ito K, et al. **EMBO J** 1984 Oct;3(10):2319-24

The HBV HBX gene expressed in E. coli is recognised by sera from hepatitis patients. Kay A, et al. **EMBO J** 1985 May;4(5):1287-92

dnaA protein-regulated transcription: effects on the in vitro replication of Escherichia coli minichromosomes. Lother H, et al. **EMBO J** 1985 Feb;4(2):555-60

Effect of dam methylation on the activity of the E. coli replication origin, oriC. Messer W, et al. **EMBO J** 1985 May;4(5):1327-32

Recombination efficiency is a quadratic function of the length of homology during plasmid transformation of Bacillus subtilis protoplasts and Escherichia coli competent cells. Michel B, et al. **EMBO J** 1984 Dec 1;3(12):2879-84

Regulation of the expression of the tufB operon: DNA sequences directly involved in the stringent control. Mizushima-Sugano J, et al. **EMBO J** 1985 Apr;4(4):1053-8

Maturation of Escherichia coli tryptophan operon mRNA: evidence for 3' exonucleolytic processing after rho-dependent termination. Mott JE, et al. **EMBO J** 1985 Jul;4(7):1887-91

In vivo evidence that the nusA and infB genes of E. coli are part of the same multi-gene operon which encodes at least four proteins. Nakamura Y, et al. **EMBO J** 1985 Feb;4(2):527-32

Immobilization and purification of enzymes with staphylococcal protein A gene fusion vectors. Nilsson B, et al. **EMBO J** 1985 Apr;4(4):1075-80

Escherichia coli ribosomes translate in vivo with variable rate. Pedersen S. **EMBO J** 1984 Dec 1;3(12):2895-8

The invertible P-DNA segment in the chromosome of Escherichia coli. Plasterk RH, et al. **EMBO J** 1985 Jan;4(1):237-42

Two translational initiation sites in the infB gene are used *to express initiation factor IF2 alpha and IF2 beta in* Escherichia coli. Plumbridge JA, et al. **EMBO J** 1985 Jan;4(1):223-9

Structure of the Escherichia coli pyrE operon and control of pyrE expression by a UTP modulated intercistronic attentuation. Poulsen P, et al. **EMBO J** 1984 Aug;3(8):1783-90

A 145-base pair DNA sequence that positions itself precisely and asymmetrically on the nucleosome core. Ramsay N, et al. **EMBO J** 1984 Nov;3(11):2605-11

Protein fusions with the kanamycin resistance gene from transposon Tn5. Reiss B, et al. **EMBO J** 1984 Dec 20;3(13):3317-22

Mutations within the 23S rRNA coding sequence of E. coli which block ribosome assembly. Skinner RH, et al. **EMBO J** 1985 Jun;4(6):1605-8

Importance of state of methylation of oriC GATC sites in initiation of DNA replication in Escherichia coli. Smith DW, et al. **EMBO J** 1985 May;4(5):1319-26

Failure of E. coli K-12 to transport PhoE-LacZ hybrid proteins out of the cytoplasm. Tommassen J, et al. **EMBO J** 1985 Apr;4(4):1041-7

Localization of functional domains in E. coli K-12 outer membrane porins. Tommassen J, et al. **EMBO J** 1985 Jun;4(6):1583-7

Functional mutants of phenylalanine transfer RNA from Escherichia coli. Vacher J, et al. **EMBO J** 1985 Feb;4(2):509-13

Molecular cloning and characterization of the yeast RAD10 gene and expression of RAD10 protein in E. coli. Weiss WA, et al. **EMBO J** 1985 Jun;4(6):1575-82

Selective cloning of Bacillus subtilis xylose isomerase and xylulokinase in Escherichia coli genes by IS5-mediated expression. Wilhelm M, et al. **EMBO J** 1984 Nov;3(11):2555-60

Reproducibility of microbial mutagenicity assays: I. Tests with Salmonella typhimurium and Escherichia coli using a standardized protocol. Dunkel VC, et al. **Environ Mutagen** 1984;6 Suppl 2:1-251

Nucleotide sequence of the Escherichia coli gap gene. Different evolutionary behavior of the NAD+-binding domain and of the catalytic domain of D-glyceraldehyde-3-phosphate dehydrogenase. Branlant G, et al. **Eur J Biochem** 1985 Jul 1;150(1):61-6

The nucleotide sequences of the ponA and ponB genes encoding penicillin-binding protein 1A and 1B of Escherichia coli K12. Broome-Smith JK, et al. **Eur J Biochem** 1985 Mar 1;147(2):437-46

Ribosomal protein synthesis by a mutant of Escherichia coli. Butler PD, et al. **Eur J Biochem** 1984 Nov 2;144(3):649-54

Nucleotide sequence of the respiratory D-lactate dehydrogenase gene of Escherichia coli. Campbell HD, et al. **Eur J Biochem** 1984 Oct 15;144(2):367-73

Does UGA suppressor tRNATrp from Escherichia coli have a unique CCA anticodon sequence? Delamarche C, et al. **Eur J Biochem** 1985 Apr 15;148(2):271-5

In vitro transcription initiation from three different Escherichia coli promoters. Effect of supercoiling. Ehrlich R, et al. **Eur J Biochem** 1985 Apr 15;148(2):293-8

Escherichia coli 5S RNA A and B conformers. Characterisation by enzymatic and chemical methods. Göringer HU, et al. **Eur J Biochem** 1984 Oct 1;144(1):25-34

Amino acid substitutions that reduce the affinity of penicillin-binding protein 3 of Escherichia coli for cephalexin. Hedge PJ, et al. **Eur J Biochem** 1985 Aug 15;151(1):111-21

Nucleotide sequence of the pyrD gene of Escherichia coli and characterization of the flavoprotein dihydroorotate dehydrogenase. Larsen JN, et al. **Eur J Biochem** 1985 Aug 15;151(1):59-65

Cloning and expression in Escherichia coli of cDNA for serine: pyruvate aminotransferase of rat liver. Oda T, et al. **Eur J Biochem** 1985 Aug 1;150(3):415-21

Comparison of the nucleotide sequences of the genes encoding the KS71A and F7(1) fimbrial antigens of uropathogenic Escherichia coli. Rhen M, et al. **Eur J Biochem** 1985 Sep 16;151(3):573-7

Analysis of the different molecular forms of penicillin-binding protein 1B in Escherichia coli ponB mutants lysogenized with specialized transducing lambda (ponB+) bacteriophages. Rojo F, et al. **Eur J Biochem** 1984 Nov 2;144(3):571-6

Protein B1 of ribonucleotide reductase. Direct analytical data and comparisons with data indirectly deduced from the nucleotide sequence of the Escherichia coli nrdA gene. Sjöberg BM, et al. **Eur J Biochem** 1985 Aug 1;150(3):423-7

A mutant from Escherichia coli which lacks ribosomal proteins S17 and L29 used to localize these two proteins on the ribosomal surface. Stöffler-Meilicke M, et al. **Eur J Biochem** 1985 Aug 1;150(3):485-90

Maturation of the 3' end of 5-S ribosomal RNA from Escherichia coli. Szeberényi J, et al. **Eur J Biochem** 1985 May 15;149(1):113-8

Synthesis of Escherichia coli carbamoylphosphate synthetase initiates at a UUG codon. Weyens G, et al. **Eur J Biochem** 1985 Jul 1;150(1):111-5

The catabolite gene activation system of E. coli may be directly involved in regulation of bacteriophage lambda development. Glukhov IL, et al. **FEBS Lett** 1984 Nov 5; 177(1):115-8

Expression of plasmid encoded Escherichia coli 5S ribosomal ribonucleic acid in Pseudomonas putida. Hartmann RK, et al. **FEBS Lett** 1985 Sep 2;188(2):295-301

A gene fusion that localises the penicillin-binding domain of penicillin-binding protein 3 of Escherichia coli. Hedge PJ, et al. **FEBS Lett** 1984 Oct 15;176(1):179-84

Expression in E. coli of finger-domain lacking tissue-type plasminogen activator with high fibrin affinity. Kagitani H, et al. **FEBS Lett** 1985 Sep 9;189(1):145-9

Characterisation of HlyC and mechanism of activation and secretion of haemolysin from E. coli 2001. Nicaud JM, et al. **FEBS Lett** 1985 Aug 5;187(2):339-44

Mechanism of protein biosynthesis in prokaryotic cells. Effect of initiation factor IF1 on the initial rate of 30 S initiation complex formation. Pon CL, et al. **FEBS Lett** 1984 Oct 1;175(2):203-7

Cloning and expression in Escherichia coli of the insecticidal delta-endotoxin gene of Bacillus thuringiensis var. israelensis. Ward ES, et al. **FEBS Lett** 1984 Oct 1; 175(2):377-82

Gene expression in the polycistronic operons of Escherichia coli heat-labile toxin and cholera toxin: a new model of translational control. Yamamoto T, et al. **FEBS Lett** 1985 Feb 25;181(2):377-80

Consensus symmetry pattern in E. coli promoter sequences. Pivec L, et al. **Folia Biol (Praha)** 1985;31(3):213-34

Transfer of liposome-encapsulated plasmid DNA to Bacillus subtilis protoplasts and calcium-treated Escherichia coli cells. Holubová I, et al. **Folia Microbiol (Praha)** 1985; 30(2):97-100

DNA-protein interactions during replication of genetic elements of bacteria. Nečvera J, et al.
Folia Microbiol (Praha) 1985;30(2):154-76 (177 ref.)

Synthesis of a wheat storage protein subunit in Escherichia coli using novel expression vectors. Bartels D, et al. **Gene** 1985;35(1-2):159-67

An Escherichia coli recBCsbcBrecF host permits the deletion-resistant propagation of plasmid clones containing the 5'-terminal palindrome of minute virus of mice. Boissy R, et al. **Gene** 1985;35(1-2):179-85

Expression of the cloned genes encoding the putrescine biosynthetic enzymes and methionine adenosyltransferase of Escherichia coli (speA, speB, speC and metK). Boyle SM, et al. **Gene** 1984 Oct;30(1-3):129-36

Recombination following transformation of Escherichia coli by heteroduplex plasmid DNA molecules. Chang S, et al. **Gene** 1984 Sep;29(3):255-61

F plasmid pif region: Tn1725 mutagenesis and polypeptide analysis. Cram HK, et al. **Gene** 1984 Dec;32(1-2):251-4

Cloning of aroG, the gene coding for phospho-2-keto-3-deoxy-heptonate aldolase(phe), in Escherichia coli K-12, and subcloning of the aroG promoter and operator in a promoter-detecting plasmid. Davies WD, et al. **Gene** 1985;33(3):323-31

A versatile plasmid system for the study of prokaryotic transcription signals in Escherichia coli. de Boer HA. **Gene** 1984 Oct;30(1-3):251-5

Analysis of the ptsH-ptsI-crr region in Escherichia coli K-12: evidence for the existence of a single transcriptional unit. De Reuse H, et al. **Gene** 1984 Dec;32(1-2):31-40

Analysis of the ptsH-ptsI-crr region in Escherichia coli K-12: nucleotide sequence of the ptsH gene. De Reuse H, et al. **Gene** 1985;35(1-2):199-207

Convergent transcription of the Escherichia coli hisG gene cloned in Bacillus subtilis stops in the vicinity of the attenuator. Ferretti L, et al. **Gene** 1984 Jul-Aug; 29(1-2):11-9

CII-dependent activation of the pRE promoter of coliphage lambda fused to the Escherichia coli galK gene. Fien K, et al. **Gene** 1984 Dec;32(1-2):141-50

Physical and genetic characterization of cloned enterobactin genomic sequences from Escherichia coli K-12. Fleming TP, et al. **Gene** 1985;34(1):47-54

Organisation and control of the Escherichia coli uvrC gene. Forster JW, et al. **Gene** 1985;35(1-2):71-82

ColD-derived cloning vectors that autoamplify in the stationary phase of bacterial growth. Frey J, et al. **Gene** 1985;35(1-2):103-11

The transposon Tn5 carries a bleomycin-resistance determinant. Genilloud O, et al. **Gene** 1984 Dec; 32(1-2):225-33

Regulation of Mu transposition. II. The escherichia coli HimD protein positively controls two repressor promoters and the early promoter of bacteriophage Mu. Goosen N, et al. **Gene** 1984 Dec;32(3):419-26

Cloning the cyd gene locus coding for the cytochrome d complex of Escherichia coli. Green GN, et al. **Gene** 1984 Dec;32(1-2):99-106

Synthesis of human insulin gene. VIII. Construction of expression vectors for fused proinsulin production in Escherichia coli. Guo LH, et al. **Gene** 1984 Jul-Aug; 29(1-2):251-4

S1 nuclease mapping of the phage Mu mom gene promoter: a model for the regulation of mom expression. Hattman S, et al. **Gene** 1984 Jul-Aug;29(1-2):185-98

Role of DNA regions flanking the tryptophan promoter of Escherichia coli. II. Insertion of lac operator fragments. Herrin GL Jr, et al. **Gene** 1984 Dec;32(3):349-56

Vectors with restriction-site banks. III. Escherichia coli-Saccharomyces cerevisiae shuttle vectors. Heusterspreute M, et al. **Gene** 1985;34(2-3):363-6

New shuttle vectors for Escherichia coli and Bacillus subtilis. I. Construction and characterization of plasmid pHY460 with twelve unique cloning sites. Ishiwa H, et al. **Gene** 1984 Dec;32(1-2):129-34

Nucleotide sequence and analysis of deletion mutants of the Escherichia coli gpt gene in plasmid pSV2 gpt. Jagadeeswaran P, et al. **Gene** 1984 Nov;31(1-3):309-13

The Nicotiana chloroplast genome. IX. Identification of regions active as prokaryotic promoters in Escherichia coli. Kong XF, et al. **Gene** 1984 Nov;31(1-3):23-30

A gene for DNA invertase and an invertible DNA in Escherichia coli K-12. Kutsukake K, et al. **Gene** 1985; 34(2-3):343-50

Mutants of the lac promoter with large insertions and deletions between the CAP binding site and the -35 region. Mandecki W, et al. **Gene** 1984 Nov;31(1-3):263-7

Characterisation of the ColE8 plasmid, a new member of the group E colicin plasmids. Mark G, et al. **Gene** 1984 Jul-Aug;29(1-2):145-55

The pIC plasmid and phage vectors with versatile cloning sites for recombinant selection by insertional inactivation. Marsh JL, et al. **Gene** 1984 Dec;32(3):481-5

IS4 transposition in the attenuator region of the Escherichia coli pheS,T operon. Mayaux JF, et al. **Gene** 1984 Oct; 30(1-3):137-46

Nucleotide sequence and transcriptional start point of the phosphomannose isomerase gene (manA) of Escherichia coli. Miles JS, et al. **Gene** 1984 Dec;32(1-2):41-8

Purification of a new restriction endonuclease, StyI, from Escherichia coli carrying the hsd+ miniplasmid. Mise K, et al. **Gene** 1985;33(3):357-61

Novel host-vector system for selection and maintenance of plasmid-bearing, streptomycin-dependent Escherichia coli cells in antibiotic-free media. Miwa K, et al. **Gene** 1984 Nov;31(1-3):275-7

Broad-host-range plasmid vector for the in vitro construction of transcriptional/translational lac fusions. Nano FE, et al. **Gene** 1985;34(2-3):219-26

Structural and functional organization of the gpt gene region of Escherichia coli. Nüesch J, et al. **Gene** 1984 Dec; 32(1-2):243-9

Physical and genetic map of the organomercury resistance (Omr) and inorganic mercury resistance (Hgr) loci of the IncM plasmid R831b. Ogawa HI, et al. **Gene** 1984 Dec; 32(3):311-20

In vitro stimulation of Escherichia coli RNA polymerase sigma subunit synthesis by NusA protein. Peacock S, et al. **Gene** 1985;33(2):227-34

In vitro insertional mutagenesis with a selectable DNA fragment. Prentki P, et al. **Gene** 1984 Sep;29(3):303-13

Expression of hepatitis B virus surface antigen gene in Escherichia coli. Pumpen P, et al. **Gene** 1984 Oct; 30(1-3):201-10

A technique for integrating any DNA fragment into the chromosome of Escherichia coli. Raibaud O, et al. **Gene** 1984 Jul-Aug;29(1-2):231-41

Structure and function of the yeast URA3 gene: expression in Escherichia coli. Rose M, et al. **Gene** 1984 Jul-Aug; 29(1-2):113-24

Kinetics of Tn5 transposition. Rossetti OL, et al. **Gene** 1984 Dec;32(1-2):91-8

Role of DNA regions flanking the tryptophan promoter of Escherichia coli. I. Insertion of synthetic oligonucleotides. Russell DR, et al. **Gene** 1984 Dec;32(3):337-48

Molecular cloning of the phosphoenolpyruvate carboxylase gene, ppc, of Escherichia coli. Sabe H, et al. **Gene** 1984 Nov;31(1-3):279-83

The bacteriophage Mu gene B product is incorporated into the inner membrane of Escherichia coli. Schumann W, et al. **Gene** 1984 Jul-Aug;29(1-2):167-73

Broad host range cloning vectors for gram-negative bacteria. Sharpe GS. **Gene** 1984 Jul-Aug;29(1-2):93-102

Overproduction of transcription termination factor Rho in Escherichia coli. Shigesada K, et al. **Gene** 1984 Jul-Aug; 29(1-2):199-209

Studies on deo operon regulation in Escherichia coli: cloning and expression of the deoR structural gene. Short SA, et al. **Gene** 1984 Nov;31(1-3):205-11

Molecular cloning and characterization of the gene for Escherichia coli valyl-tRNA synthetase. Skogman SG, et al. **Gene** 1984 Oct;30(1-3):219-26

Temperature-dependent retention of a tryptophan-operon-bearing plasmid in Escherichia coli. Skogman SG, et al. **Gene** 1984 Nov;31(1-3):117-22

New shuttle vectors for Bacillus subtilis and Escherichia coli which allow rapid detection of inserted fragments. Sullivan MA, et al. **Gene** 1984 Jul-Aug;29(1-2):21-6

Overproduction of a gastrointestinal hormone, secretin, in Escherichia coli cells and its chemical characterization. Sumi S, et al. **Gene** 1984 Jul-Aug;29(1-2):125-34

One-step purification of hybrid proteins which have beta-galactosidase activity. Ullmann A. **Gene** 1984 Jul-Aug;29(1-2):27-31

Nucleotide sequence of the gene encoding the F72 fimbrial subunit of a uropathogenic Escherichia coli strain. van Die I, et al. **Gene** 1984 Dec;32(1-2):83-90

Type 1C fimbriae of a uropathogenic Escherichia coli strain: cloning and characterization of the genes involved in the expression of the 1C antigen and nucleotide sequence of the subunit gene. van Die I, et al. **Gene** 1985;34(2-3):187-96

Cloning and expression in Escherichia coli K-12 of the structural gene for outer membrane PhoE protein from Enterobacter cloacae. Verhoef C, et al. **Gene** 1984 Dec; 32(1-2):107-15

Genetic and physical analysis of the thioredoxin (trxA) gene of Escherichia coli K-12. Wallace BJ, et al. **Gene** 1984 Dec;32(3):399-408

Characterization and nucleotide sequence of a colicin-release gene in the [illegible] region of plasmid ColE3-CA38. Watson RJ, et al. **Gene** 1984 Jul-Aug;29(1-2):175-84

New Tn10 derivatives for transposon mutagenesis and for construction of lacZ operon fusions by transposition. Way JC, et al. **Gene** 1984 Dec;32(3):369-79

The replication origin of pSC101: the nucleotide sequence and replication functions of the ori region. Yamaguchi K, et al. **Gene** 1984 Jul-Aug;29(1-2):211-9

Molecular cloning of the hamster papovavirus genome in Escherichia coli plasmid vector pBR322. Zimmermann W, et al. **Gene** 1984 Jul-Aug;29(1-2):243-6

Mechanism of IS1 transposition in E. coli: choice between simple insertion and cointegration. Biel SW, et al. **Genetics** 1984 Oct;108(2):319-30

The effect of nonhomologous DNA sequences on interplasmidic recombination. Laban A, et al. **Genetics** 1984 Sep;108(1):39-52

Merodiploidy in Escherichia coli-Salmonella typhimurium crosses: the role of unequal recombination between ribosomal RNA genes. Lehner AF, et al. **Genetics** 1985 Jul;110(3):365-80

Mismatch repair mutations of Escherichia coli K12 enhance transposon excision. Lundblad V, et al. **Genetics** 1985 Jan; 109(1):3-19

Functional interchangeability of DNA replication genes in Salmonella typhimurium and Escherichia coli demonstrated by a general complementation procedure. Maurer R, et al. **Genetics** 1984 Sep;108(1):1-23

Specific deletion occurring in the directed evolution of 6-phosphogluconate dehydrogenase in Escherichia coli. Miller RD, et al. **Genetics** 1984 Dec;108(4):765-72

Genetic changes in mammalian cells reminiscent of an SOS response. Herrlich P, et al. **Hum Genet** 1984;67(4):360-8

Loss of plasmid linked drug resistance after treatment with Iodo-deoxyuridine. Chakrabartty PK, et al. **Indian J Exp Biol** 1984 Jun;22(6):333-4

Transfer of antibiotic resistance from Escherichia coli of human origin to Salmonella typhimurium in the intestinal tract of suckling rats. Yadava JN, et al. **Indian J Med Res** 1985 May;81:441-7

R-plasmids in intestinal Escherichia coli. Prabhakar H, et al. **Indian J Pathol Microbiol** 1984 Apr;27(2):133-8

The distribution of R-plasmids in various O-antigen types of Escherichia coli from human sources. Rangnekar VM, et al. **Indian J Pathol Microbiol** 1984 Apr;27(2):67-73

Plasmid mediated enterotoxin production and drug resistance amongst Escherichia coli from cases of infantile diarrhea. Gowal D, et al. **Indian J Pediatr** 1985 Jan-Feb;52(414):57-9

A cluster of five genes specifying the aerobactin iron uptake system of plasmid ColV-K30. Carbonetti NH, et al. **Infect Immun** 1984 Oct;46(1):7-12

Genetic diversity in relation to serotype in Escherichia coli. Caugant DA, et al. **Infect Immun** 1985 Aug;49(2):407-13

Construction of a conjugative plasmid with potential use in vaccines against heat-labile enterotoxin. Chen TM, et al. **Infect Immun** 1985 Jan;47(1):5-10

Escherichia coli contains plasmids coding for heat-stable b, other enterotoxins, and antibiotic resistance. Echeverria P, et al. **Infect Immun** 1985 Jun;48(3):843-6

Cloning and expression of two Streptococcus mutans glucosyltransferases in Escherichia coli K-12. Gilpin ML, et al. **Infect Immun** 1985 Aug;49(2):414-6

Synthesis of aerobactin and a 76,000-dalton iron-regulated outer membrane protein by Escherichia coli K-12-Shigella flexneri hybrids and by enteroinvasive strains of Escherichia coli. Griffiths E, et al. **Infect Immun** 1985 Jul; 49(1):67-71

Cloning and characterization of genes involved in production of mannose-resistant, neuraminidase-susceptible (X) fimbriae from a uropathogenic O6:K15:H31 Escherichia coli strain. Hacker J, et al. **Infect Immun** 1985 Feb; 47(2):434-40

Multiple forms of genes in pyelonephritogenic Escherichia coli encoding adhesins binding globoseries glycolipid receptors. Hull S, et al. **Infect Immun** 1985 Jan;47(1):80-3

Surface proteins of Mycoplasma hyopneumoniae identified from an Escherichia coli expression plasmid library. Klinkert MQ, et al. **Infect Immun** 1985 Aug;49(2):329-35

Cosmid cloning of Rickettsia prowazekii antigens in Escherichia coli K-12. Krause DC, et al. **Infect Immun** 1985 Jan;47(1):157-65

Nucleotide sequence comparison between heat-labile toxin B-subunit cistrons from Escherichia coli of human and porcine origin. Leong J, et al. **Infect Immun** 1985 Apr; 48(1):73-7

Detection of genes for heat-stable enterotoxin I in Escherichia coli strains isolated in Brazil. Maas R, et al. **Infect Immun** 1985 Jul;49(1):46-51

Conservation of plasmids among Escherichia coli K1 isolates of diverse origins. Mercer AA, et al. **Infect Immun** 1984 Dec;46(3):649-57

Plasmid-mediated factors conferring diffuse and localized adherence of enteropathogenic Escherichia coli. Nataro JP, et al. **Infect Immun** 1985 May;48(2):378-83

Aerobactin iron transport genes commonly encoded by certain ColV plasmids occur in the chromosome of a human invasive strain of Escherichia coli K1. Valvano MA, et al. **Infect Immun** 1984 Oct;46(1):159–67

Integration of the Vwa plasmid into the chromosome of Yersinia pestis strains harboring F' plasmids of Escherichia coli. Zsigray RM, et al. **Infect Immun** 1985 Mar;47(3):670–3

Production of single– and double–strand breaks in plasmid DNA by ozone. Hamelin C. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):253–7

Cloning and expression in Escherichia coli of the gene encoding the structural subunit of Bacteroides nodosus fimbriae. Anderson BJ, et al. **J Bacteriol** 1984 Nov;160(2):748–54

Genetic analysis of Escherichia coli oligopeptide transport mutants. Andrews JC, et al. **J Bacteriol** 1985 Feb;161(2):484–92

Cloning of the contiguous 165–kilobase–pair region around the terminus of Escherichia coli K–12 DNA replication. Asada K, et al. **J Bacteriol** 1985 Jul;163(1):398–400

Isolation and characterization of an Escherichia coli mutant lacking the cytochrome o terminal oxidase. Au DC, et al. **J Bacteriol** 1985 Jan;161(1):123–7

Mapping of a mutation affecting regulation of iron uptake systems in Escherichia coli K–12. Bagg A, et al. **J Bacteriol** 1985 Jan;161(1):450–3

Proper interaction between at least two components is required for efficient export of proteins to the Escherichia coli cell envelope. Bankaitis VA, et al. **J Bacteriol** 1985 Jan;161(1):169–78

DNA adenine methylation of GATC sequences appeared recently in the Escherichia coli lineage. Barbeyron T, et al. **J Bacteriol** 1984 Nov;160(2):586–90

Identification of Escherichia coli region III flagellar gene products and description of two new flagellar genes. Bartlett DH, et al. **J Bacteriol** 1984 Nov;160(2):577–85

Cell shape and division in Escherichia coli: experiments with shape and division mutants. Begg KJ, et al. **J Bacteriol** 1985 Aug;163(2):615–22

Temperature–sensitive catabolite activator protein in Escherichia coli BUG6. Benner D, et al. **J Bacteriol** 1985 Jan;161(1):347–52

Isolation and characterization of outer membrane permeability mutants in Escherichia coli K–12. Benson SA, et al. **J Bacteriol** 1985 Jan;161(1):361–7

Promoter mapping and transcriptional regulation of the iron assimilation system of plasmid ColV–K30 in Escherichia coli K–12. Bindereif A, et al. **J Bacteriol** 1985 Jun;162(3):1039–46

Aerobactin genes in clinical isolates of Escherichia coli. Bindereif A, et al. **J Bacteriol** 1985 Feb;161(2):727–35

Restoration of viability to an Escherichia coli mutant deficient in the 5'——3' exonuclease of DNA polymerase I. Boling M, et al. **J Bacteriol** 1984 Nov;160(2):706–10

Identification of additional genes on transposon Tn10: tetC and tetD. Braus G, et al. **J Bacteriol** 1984 Nov;160(2):504–9

Transposable lambda placMu bacteriophages for creating lacZ operon fusions and kanamycin resistance insertions in Escherichia coli. Bremer E, et al. **J Bacteriol** 1985 Jun;162(3):1092–9

Excision and reintegration of the Escherichia coli K–12 chromosomal element e14. Brody H, et al. **J Bacteriol** 1985 Mar;161(3):1112–7

Internal promoter in the ilvGEDA transcription unit of Escherichia coli K–12. Calhoun DH, et al. **J Bacteriol** 1985 Jan;161(1):128–32

Genetics of methyl–accepting chemotaxis proteins in Escherichia coli: cheD mutations affect the structure and function of the Tsr transducer. Callahan AM, et al. **J Bacteriol** 1985 Jan;161(1):96–104

Thymidine salvage in Pseudomonas stutzeri and Pseudomonas aeruginosa provided by heterologous expression of Escherichia coli thymidine kinase gene. Carlson CA, et al. **J Bacteriol** 1985 Jul;163(1):291–5

Cloning, sequence analysis, and expression of alteration of the mRNA stability gene (ams+) of Escherichia coli. Chanda PK, et al. **J Bacteriol** 1985 Jan;161(1):446–9

Escherichia coli recBC deletion mutants. Chaudhury AM, et al. **J Bacteriol** 1984 Nov;160(2):788–91

Mutant of Escherichia coli deficient in osmoregulation of periplasmic oligosaccharide synthesis. Clark DP. **J Bacteriol** 1985 Mar;161(3):1049–53

Cloning and expression of the transhydrogenase gene of Escherichia coli. Clarke DM, et al. **J Bacteriol** 1985 Apr;162(1):367–73

New cysE–pyrE–linked rfa mutation in Escherichia coli K–12 that results in a heptoseless lipopolysaccharide. Coleman WG Jr, et al. **J Bacteriol** 1985 Mar;161(3):1209–14

Cloning and expression in Escherichia coli of histidine utilization genes from Pseudomonas putida. Consevage MW, et al. **J Bacteriol** 1985 Apr;162(1):138–46

Regulation of expression of the crp gene of Escherichia coli K–12: in vivo study. Cossart P, et al. **J Bacteriol** 1985 Jan;161(1):454–7

Molecular cloning and primary structure of the Escherichia coli methionyl–tRNA synthetase gene. Dardel F, et al. **J Bacteriol** 1984 Dec;160(3):1115–22

Cloning of Escherichia coli and Pseudomonas aeruginosa phosphomannose isomerase genes and their expression in alginate–negative mutants of Pseudomonas aeruginosa. Darzins A, et al. **J Bacteriol** 1985 Jan;161(1):249–57

Gene sequence and predicted amino acid sequence of the motA protein, a membrane–associated protein required for flagellar rotation in Escherichia coli. Dean GE, et al. **J Bacteriol** 1984 Sep;159(3):991–9

Transport of vitamin B12 in Escherichia coli: cloning of the btuCD region. DeVeaux LC, et al. **J Bacteriol** 1985 Jun;162(3):888–96

Cloning and characterization of a gene (fadR) involved in regulation of fatty acid metabolism in Escherichia coli. DiRusso CC, et al. **J Bacteriol** 1985 Feb;161(2):583–8

Dependence of secretion and assembly of type 1 fimbrial subunits of Escherichia coli on normal protein export. Dodd DC, et al. **J Bacteriol** 1984 Sep;159(3):1077–9

Expression of Actinomyces viscosus antigens in Escherichia coli: cloning of a structural gene (fimA) for type 2 fimbriae. Donkersloot JA, et al. **J Bacteriol** 1985 Jun;162(3):1075–8

Posttranscriptional regulation of the inducible nonenzymatic chloramphenicol resistance determinant of IncP plasmid R26. Dorman CJ, et al. **J Bacteriol** 1985 Jan;161(1):147–52

Tetracycline resistance element of pBR322 mediates potassium transport. Dosch DC, et al. **J Bacteriol** 1984 Dec;160(3):1188–90

Physical analysis of deletion mutations in the ilvGEDA operon of Escherichia coli K–12. Driver RP, et al. **J Bacteriol** 1985 May;162(2):598–606

Physical characterization of the cloned protease III gene from Escherichia coli K–12. Dykstra CC, et al. **J Bacteriol** 1985 Sep;163(3):1055–9

Phasmid vectors for identification of genes by complementation of Escherichia coli mutants. Elledge SJ, et al. **J Bacteriol** 1985 May;162(2):777–83

Legionella pneumophila surface antigens cloned and expressed in Escherichia coli are translocated to the host cell surface and interact with specific anti–Legionella antibodies. Engleberg NC, et al. **J Bacteriol** 1984 Oct;160(1):199–203

Chloramphenicol–erythromycin resistance mutations in a 23S rRNA gene of Escherichia coli. Ettayebi M, et al. **J Bacteriol** 1985 May;162(2):551–7

Lethality of the double mutations rho rep and rho ssb in Escherichia coli. Fassler JS, et al. **J Bacteriol** 1985 Feb;161(2):609–14

Nucleotide sequence of an Escherichia coli chromosomal hemolysin. Felmlee T, et al. **J Bacteriol** 1985 Jul;163(1):94–105

Localization, cloning, and sequence determination of the conjugative plasmid ColB2 pilin gene. Finlay BB, et al. **J Bacteriol** 1984 Oct;160(1):402–7

Escherichia coli strains containing mutations in the structural gene for topoisomerase I are recombination deficient. Fishel RA, et al. **J Bacteriol** 1984 Dec;160(3):1168–70

Identification of facultatively heterotrophic, N2–fixing cyanobacteria able to receive plasmid vectors from Escherichia coli by conjugation. Flores E, et al. **J Bacteriol** 1985 Jun;162(3):1339–41

Induction of transversion mutations in Escherichia coli by N–methyl–N'–nitro–N–nitrosoguanidine is SOS dependent. Foster PL, et al. **J Bacteriol** 1985 Jul;163(1):213–20

Some mercurial resistance plasmids from different incompatibility groups specify merR regulatory functions that both repress and induce the mer operon of plasmid R100. Foster TJ, et al. **J Bacteriol** 1985 May;162(2):773–6

Genetic analysis of the phase variation control of expression of type 1 fimbriae in Escherichia coli. Freitag CS, et al. **J Bacteriol** 1985 May;162(2):668–75

DNA sequence of the F traALE region that includes the gene for F pilin. Frost LS, et al. **J Bacteriol** 1984 Oct;160(1):395–401

Isolation and characterization of delta ompB strains of Escherichia coli by a general method based on gene fusions. Garrett S, et al. **J Bacteriol** 1985 May;162(2):840–4

Stable inheritance of plasmid R1 requires two different loci. Gerdes K, et al. **J Bacteriol** 1985 Jan;161(1):292–8

Multiple controls exerted on in vivo expression of the pepN gene in Escherichia coli: studies with pepN–lacZ operon and protein fusion strains. Gharbi S, et al. **J Bacteriol** 1985 Sep;163(3):1191–5

Molecular cloning of the phenylalanine ammonia lyase gene from Rhodosporidium toruloides in Escherichia coli K–12. Gilbert HJ, et al. **J Bacteriol** 1985 Jan;161(1):314–20

Regulation of transcription of the Escherichia coli phosphoenolpyruvate carboxykinase locus: studies with pck–lacZ operon fusions. Goldie H. **J Bacteriol** 1984 Sep;159(3):832–6

Molecular cloning of the structural gene coding for CTP:CMP–3–deoxy–manno–octulosonate cytidylyltransferase from Escherichia coli K–12. Goldman RC, et al. **J Bacteriol** 1985 Jul;163(1):256–61

Serum–resistant mutants of Escherichia coli O111 contain increased lipopolysaccharide, lack an O antigen–containing capsule, and cover more of their lipid A core with O antigen. Goldman RC, et al. **J Bacteriol** 1984 Sep;159(3):877–82

Conjugative plasmids of enteric bacteria from many different incompatibility groups have similar genes for single–stranded DNA–binding proteins. Golub EI, et al. **J Bacteriol** 1985 Apr;162(1):235–41

Regulation of capsular polysaccharide synthesis in Escherichia coli K–12: characterization of three regulatory genes. Gottesman S, et al. **J Bacteriol** 1985 Jun;162(3):1111–9

Level of rRNA, not tRNA, synthesis controls transcription of rRNA and tRNA operons in Escherichia coli. Gourse RL, et al. **J Bacteriol** 1984 Dec;160(3):1022–6

In vitro RNA polymerase interaction with a restriction fragment containing the Escherichia coli origin of replication. Greene RS, et al. **J Bacteriol** 1985 Jan;161(1):183–8

Mutations in the rpoH (htpR) gene of Escherichia coli K–12 phenotypically suppress a temperature–sensitive mutant defective in the sigma 70 subunit of RNA polymerase. Grossman AD, et al. **J Bacteriol** 1985 Mar;161(3):939–43

Isolation and expression of the Bradyrhizobium japonicum adenylate cyclase gene (cya) in Escherichia coli. Guerinot ML, et al. **J Bacteriol** 1984 Sep;159(3):1068–71

Identification and mapping of regions of the plasmid pKM101 which influence the growth rate and resistance to phleomycin E of Escherichia coli WP2. Hall RM. **J Bacteriol** 1985 Sep;163(3):1142–6

Mapping of trxB, a mutation responsible for reduced thioredoxin reductase activity. Haller BL, et al. **J Bacteriol** 1984 Sep;159(3):1060–2

Genetic characterization and partial sequence determination of a Treponema pallidum operon expressing two immunogenic membrane proteins in Escherichia coli. Hansen EB, et al. **J Bacteriol** 1985 Jun;162(3):1227–37

Unusual organization of the ilvIH promoter of Escherichia coli. Haughn GW, et al. **J Bacteriol** 1985 Jul;163(1):186–98

Mini–F protein that binds to a unique region for partition of mini–F plasmid DNA. Hayakawa Y, et al. **J Bacteriol** 1985 Jul;163(1):349–54

Repair of nonreplicating UV–irradiated DNA: cooperative dark repair by Escherichia coli uvr and phr functions. Hays JB, et al. **J Bacteriol** 1985 Feb;161(2):602–8

Cloning and expression of the gene for the vitamin B12 receptor protein in the outer membrane of Escherichia coli. Heller K, et al. **J Bacteriol** 1985 Mar;161(3):896–903

Nucleotide sequence of the gene for the vitamin B12 receptor protein in the outer membrane of Escherichia coli. Heller K, et al. **J Bacteriol** 1985 Mar;161(3):904–8

Evidence that the outer membrane protein gene nmpC of Escherichia coli K–12 lies within the defective qsr' prophage. Highton PJ, et al. **J Bacteriol** 1985 Apr;162(1):256–62

Polypeptide involved in the Escherichia coli plasmid–mediated citrate transport system. Hirato T, et al. **J Bacteriol** 1984 Oct;160(1):421–6

Molecular cloning and expression of the xylanase gene of alkalophilic Bacillus sp. strain C–125 in Escherichia coli. Honda H, et al. **J Bacteriol** 1985 Feb;161(2):784–5

Escherichia coli 6S RNA gene is part of a dual–function transcription unit. Hsu LM, et al. **J Bacteriol** 1985 Mar;161(3):1162–70

Repair of cis–platinum–DNA adducts by ABC excinuclease in vivo and in vitro. Husain I, et al. **J Bacteriol** 1985 Sep;163(3):817–23

Spontaneous deletion of citrate–utilizing ability promoted by insertion sequences. Ishiguro N, et al. **J Bacteriol** 1984 Nov;160(2):642–50

Escherichia coli mutant with altered respiratory control of the frd operon. Iuchi S, et al. **J Bacteriol** 1985 Mar;161(3):1023–8

Biosynthesis of membrane–derived oligosaccharides: characterization of mdoB mutants defective in phosphoglycerol transferase I activity. Jackson BJ, et al. **J Bacteriol** 1984 Dec;160(3):976–81

Effects of the ccd function of the F plasmid on bacterial growth. Jaffé A, et al. **J Bacteriol** 1985 Sep;163(3):841–9

Complementation between uncF alleles affecting assembly of the F1F0–ATPase complex of Escherichia coli. Jans DA, et al. **J Bacteriol** 1985 Apr;162(1):420–6

Study of regulation and transport of hemolysin by using fusion of the beta–galactosidase gene (lacZ) to hemolysin genes. Juarez A, et al. **J Bacteriol** 1984 Oct;160(1):161–8

Chromosomal mutation that affects excretion of hemolysin in Escherichia coli. Juarez A, et al. **J Bacteriol** 1984 Sep;159(3):1083–5

Gene density over the chromosome of Escherichia coli: frequency distribution, spatial clustering, and symmetry. Jurka J, et al. **J Bacteriol** 1985 Aug;163(2):806–11

In vitro deletions in the partition locus of plasmid pSC101. Kalla SR, et al. **J Bacteriol** 1984 Oct;160(1):434–7

Construction of a tyrP–lac operon fusion strain and its use in the isolation and analysis of mutants derepressed for tyrP expression. Kasian PA, et al. **J Bacteriol** 1984 Oct;160(1):175–83

Molecular cloning of pectate lyase genes from Erwinia chrysanthemi and their expression in Escherichia coli. Keen NT, et al. **J Bacteriol** 1984 Sep;159(3):825–31

Cloning and characterization of recA genes froM Proteus vulgaris, Erwinia carotovora, Shigella flexneri, and Escherichia coli B/r. Keener SL, et al. **J Bacteriol** 1984 Oct;160(1):153–60

Aberrant regulation of methylesterase activity in cheD chemotaxis mutants of Escherichia coli. Kehry MR, et al. **J Bacteriol** 1985 Jan;161(1):105–12

RecA protein acts at the initiation of stable DNA replication in rnh mutants of Escherichia coli K–12. Kogoma T, et al. **J Bacteriol** 1985 Aug;163(2):439–44

Genetic recombination of bacterial plasmid DNA: effect of RecF pathway mutations on plasmid recombination in Escherichia coli. Kolodner R, et al. **J Bacteriol** 1985 Sep;163(3):1060–6

Molecular cloning of an ornithine–activating fragment of the gramicidin S synthetase 2 gene from Bacillus brevis and its expression in Escherichia coli. Krause M, et al. **J Bacteriol** 1985 Jun;162(3):1120–5

Mechanism of mutation by thymine starvation in Escherichia coli: clues from mutagenic specificity. Kunz BA, et al. **J Bacteriol** 1985 Jun;162(3):859–64

Genetic organization of the afimbrial adhesin operon and nucleotide sequence from a uropathogenic Escherichia coli gene encoding an afimbrial adhesin. Labigne-Roussel A, et al. **J Bacteriol** 1985 Jun;162(3):1285–92

ilvB-encoded acetolactate synthase is resistant to the herbicide sulfometuron methyl. LaRossa RA, et al. **J Bacteriol** 1984 Oct;160(1):391–4

New gene in Escherichia coli K-12 (drpA): does its product play a role in RNA synthesis? Lech KF, et al. **J Bacteriol** 1985 Apr;162(1):117–23

Independence of cyclic AMP and relA gene stimulation of glycogen synthesis in intact Escherichia coli cells. Leckie MP, et al. **J Bacteriol** 1985 Jan;161(1):133–40

Escherichia coli 6S RNA is not essential for growth or protein secretion. Lee CA, et al. **J Bacteriol** 1985 Mar;161(3):1156–61

Isolation of a novel transposon which carries the Escherichia coli enterotoxin STII gene. Lee CH, et al. **J Bacteriol** 1985 May;162(2):615–20

Induction and autoregulation of ada, a positively acting element regulating the response of Escherichia coli K-12 to methylating agents. Lemotte PK, et al. **J Bacteriol** 1985 Mar;161(3):888–95

Involvement of DNA superhelicity in minichromosome maintenance in Escherichia coli. Leonard AC, et al. **J Bacteriol** 1985 Feb;161(2):687–95

Characterization of the diphtheria tox transcript in Corynebacterium diphtheriae and Escherichia coli. Leong D, et al. **J Bacteriol** 1985 Sep;163(3):1114–9

Cloning and nucleotide sequence of the trxA gene of Escherichia coli K-12. Lim CJ, et al. **J Bacteriol** 1985 Jul;163(1):311–6

Thioredoxin is the bacterial protein encoded by fip that is required for filamentous bacteriophage f1 assembly. Lim CJ, et al. **J Bacteriol** 1985 Feb;161(2):799–802

Transcription of ribosomal component genes and lac in a relA+/relA pair of Escherichia coli strains. Little R, et al. **J Bacteriol** 1984 Sep;159(3):863–9

Genetic mapping of katG, a locus that affects synthesis of the bifunctional catalase-peroxidase hydroperoxidase I in Escherichia coli. Loewen PC, et al. **J Bacteriol** 1985 May;162(2):661–7

Genetic mapping of katF, a locus that with katE affects the synthesis of a second catalase species in Escherichia coli. Loewen PC, et al. **J Bacteriol** 1984 Nov;160(2):668–75

fipB and fipC: two bacterial loci required for morphogenesis of the filamentous bacteriophage f1. Lopez J, et al. **J Bacteriol** 1985 Sep;163(3):900–5

Cloning of the Escherichia coli recJ chromosomal region and identification of its encoded proteins. Lovett ST, et al. **J Bacteriol** 1985 Apr;162(1):280–5

Globoside-specific adhesins of uropathogenic Escherichia coli are encoded by similar trans-complementable gene clusters. Lund B, et al. **J Bacteriol** 1985 Jun;162(3):1293–301

Cloning and expression in Escherichia coli of sdhA, the structural gene for cytochrome b558 of the Bacillus subtilis succinate dehydrogenase complex. Magnusson K, et al. **J Bacteriol** 1985 Jun;162(3):1180–5

Construction and expression of hybrid plasmids containing the structural gene of the Escherichia coli K-12 3-deoxy-2-oxo-D-gluconate transport system. Mandrand-Berthelot MA, et al. **J Bacteriol** 1984 Nov;160(2):600–6

Cold sensitivity induced by overproduction of UmuDC in Escherichia coli. Marsh L, et al. **J Bacteriol** 1985 Apr;162(1):155–61

hisT is part of a multigene operon in Escherichia coli K-12. Marvel CC, et al. **J Bacteriol** 1985 Jan;161(1):60–71

Overexpression and sequence of the Escherichia coli cheY gene and biochemical activities of the CheY protein. Matsumura P, et al. **J Bacteriol** 1984 Oct;160(1):36–41

Construction and characterization of a deletion mutant lacking micF, a proposed regulatory gene for OmpF synthesis in Escherichia coli. Matsuyama S, et al. **J Bacteriol** 1985 Jun;162(3):1196–202

Escherichia coli K-12 tolZ mutants tolerant to colicins E2, E3, D, Ia, and Ib: defect in generation of the electrochemical proton gradient. Matsuzawa H, et al. **J Bacteriol** 1984 Nov;160(2):733–9

Sequence of the Escherichia coli pheST operon and identification of the himA gene. Mechulam Y, et al. **J Bacteriol** 1985 Aug;163(2):787–91

Genetic location of genes encoding enterobacterial common antigen. Meier U, et al. **J Bacteriol** 1985 Aug;163(2):756–62

Regulatory region of the metA gene of Escherichia coli K-12. Michaeli S, et al. **J Bacteriol** 1984 Dec;160(3):1158–62

F factor inhibition of conjugal transfer of broad-host-range plasmid RP4: requirement for the protein product of pif operon regulatory gene pifC. Miller JF, et al. **J Bacteriol** 1985 Sep;163(3):1067–73

Regulation of the F-factor pif operon: pifO, a site required in cis for autoregulation, titrates the pifC product in trans. Miller JF, et al. **J Bacteriol** 1984 Oct;160(1):192–8

Isolation and nucleotide sequence analysis of tRNAAlaGGC from Escherichia coli K-12. Mims BH, et al. **J Bacteriol** 1985 May;162(2):837–9

Organization of the Tn6-related kanamycin resistance transposon Tn2680 carrying two copies of IS26 and an IS903 variant, IS903. B. Mollet B, et al. **J Bacteriol** 1985 Jul;163(1):55–60

Cloning and location of the dgsA gene of Escherichia coli. Morris PW, et al. **J Bacteriol** 1985 Aug;163(2):785–6

Novel dnaG mutation in a dnaP mutant of Escherichia coli. Murakami Y, et al. **J Bacteriol** 1985 May;162(2):830–2

Host DNA replication forks are not preferred targets for bacteriophage Mu transposition. Nakai H, et al. **J Bacteriol** 1985 Jul;163(1):282–90

Regulation of the phosphate regulon in Escherichia coli K-12: regulation of the negative regulatory gene phoU and identification of the gene product. Nakata A, et al. **J Bacteriol** 1984 Sep;159(3):979–85

Identification of livG, a membrane-associated component of the branched-chain amino acid transport in Escherichia coli. Nazos PM, et al. **J Bacteriol** 1985 Sep;163(3):1196–202

A mutation in Escherichia coli K-12 results in a requirement for thiamine and a decrease in L-serine deaminase activity. Newman EB, et al. **J Bacteriol** 1985 Jan;161(1):272–6

DNA sequence and complementation analysis of a mutation in the rplX gene from Escherichia coli leading to loss of ribosomal protein L24. Nishi K, et al. **J Bacteriol** 1985 Sep;163(3):890–4

Chemotactic transducer proteins of Escherichia coli exhibit homology with methyl-accepting proteins from distantly related bacteria. Nowlin DM, et al. **J Bacteriol** 1985 Jul;163(1):262–6

Molecular cloning of the cls gene responsible for cardiolipin synthesis in Escherichia coli and phenotypic consequences of its amplification. Ohta A, et al. **J Bacteriol** 1985 Aug;163(2):506–14

Identification of five new essential genes involved in the synthesis of a secreted protein in Escherichia coli. Oliver DB. **J Bacteriol** 1985 Jan;161(1):285–91

prlA-mediated suppression of signal sequence mutations is modulated by the secA gene product of Escherichia coli K-12. Oliver DB, et al. **J Bacteriol** 1985 Feb;161(2):817–9

Nucleotide sequence of pilA, the gene encoding the structural component of type 1 pili in Escherichia coli. Orndorff PE, et al. **J Bacteriol** 1985 Apr;162(1):454–7

Identification and characterization of a gene product that regulates type 1 piliation in Escherichia coli. Orndorff PE, et al. **J Bacteriol** 1984 Oct;160(1):61–6

DNA transfer occurs during a cell surface contact stage of F sex factor-mediated bacterial conjugation. Panicker MM, et al. **J Bacteriol** 1985 May;162(2):584–90

Aerobactin iron uptake sequences in plasmid ColV-K30 are flanked by inverted IS1-like elements and replication regions. Perez-Casal JF, et al. **J Bacteriol** 1984 Oct;160(1):256–65

recA-independent recombination between repeated IS50 elements is not caused by an IS50-encoded function. Phadnis SH, et al. **J Bacteriol** 1985 Mar;161(3):928–32

High incidence of transposon Tn3 insertions into a replication control gene of the chimeric R/Ent plasmid pCG86 of Escherichia coli. Picken RN, et al. **J Bacteriol** 1984 Oct;160(1):430–3

Convenient transduction of recA with bacteriophage T4GT7. Plakidou S, et al. **J Bacteriol** 1984 Sep;159(3):1072–3

Characterization of a cis-acting regulatory mutation that maps at the distal end of the Escherichia coli glyA gene. Plamann MD, et al. **J Bacteriol** 1985 Feb;161(2):650–4

Mutationally altered ribonucleotide reductase from Escherichia coli: characterization of mutations isolated on multicopy plasmids. Platz A, et al. **J Bacteriol** 1984 Dec;160(3):1010–6

Extension of the host range of Escherichia coli vectors by incorporation of RSF1010 replication and mobilization functions. Priefer UB, et al. **J Bacteriol** 1985 Jul;163(1):324–30

Essential and nonessential sequences in malPp, a positively controlled promoter in Escherichia coli. Raibaud O, et al. **J Bacteriol** 1985 Mar;161(3):1201–8

Genetic analysis of mutations that compensate for loss of Escherichia coli DNA topoisomerase I. Raji A, et al. **J Bacteriol** 1985 Jun;162(3):1173–9

Uncoupling of osmoregulation of the Escherichia coli K-12 ompF gene from ompB-dependent transcription. Ramakrishnan G, et al. **J Bacteriol** 1985 Jul;163(1):82–7

Export and processing of MalE-LacZ hybrid proteins in Escherichia coli. Rasmussen BA, et al. **J Bacteriol** 1984 Nov;160(2):612–7

Both linked and unlinked mutations can alter the intracellular site of synthesis of exported proteins of Escherichia coli. Rasmussen BA, et al. **J Bacteriol** 1985 Jan;161(1):258–64

Regulation of single and multicopy his operons in Escherichia coli. Riccio A, et al. **J Bacteriol** 1985 Sep;163(3):1172–9

Presence of DNA, encoding parts of bacteriophage tail fiber genes, in the chromosome of Escherichia coli K-12. Riede I, et al. **J Bacteriol** 1985 Sep;163(3):832–6

DNA sequence and transcriptional organization of essential cell division genes ftsQ and ftsA of Escherichia coli: evidence for overlapping transcriptional units. Robinson AC, et al. **J Bacteriol** 1984 Nov;160(2):546–55

Role of translation and attenuation in the control of pyrBI operon expression in Escherichia coli K-12. Roland KL, et al. **J Bacteriol** 1985 Sep;163(3):991–9

Overproduction and nucleotide sequence of the respiratory D-lactate dehydrogenase of Escherichia coli. Rule GS, et al. **J Bacteriol** 1985 Mar;161(3):1059–68

Direct cloning of the trxB gene that encodes thioredoxin reductase. Russel M, et al. **J Bacteriol** 1985 Jul;163(1):238–42

Replacement of the fip gene of Escherichia coli by an inactive gene cloned on a plasmid. Russel M, et al. **J Bacteriol** 1984 Sep;159(3):1034–9

Evidence for an internal promoter in the Escherichia coli threonine operon. Saint Girons I, et al. **J Bacteriol** 1985 Jan;161(1):461–2

Cloning and mapping of the genetic determinants for microcin B17 production and immunity. San Millan JL, et al. **J Bacteriol** 1985 Jul;163(1):275–81

Plasmid genes required for microcin B17 production. San Millán JL, et al. **J Bacteriol** 1985 Sep;163(3):1016–20

Expression of a Saccharomyces cerevisiae photolyase gene in Escherichia coli. Sancar GB. **J Bacteriol** 1985 Feb;161(2):769–71

Cloning of hydrogenase genes and fine structure analysis of an operon essential for H2 metabolism in Escherichia coli. Sankar P, et al. **J Bacteriol** 1985 Apr;162(1):353–60

Transposon Tn10 contains two structural genes with opposite polarity between tetA and IS10R. Schollmeier K, et al. **J Bacteriol** 1984 Nov;160(2):499–503

Replication control in promiscuous plasmid RK2: kil and kor functions affect expression of the essential replication gene trfA. Schreiner HC, et al. **J Bacteriol** 1985 Jul;163(1):228–37

Regulation of ugp, the sn-glycerol-3-phosphate transport system of Escherichia coli K-12 that is part of the pho regulon. Schweizer H, et al. **J Bacteriol** 1985 Jul;163(1):392–4

Repressor for the sn-glycerol-3-phosphate regulon of Escherichia coli K-12: cloning of the glpR gene and identification of its product. Schweizer H, et al. **J Bacteriol** 1985 Feb;161(2):563–6

Inhibitory effect of high-level transcription of the bacteriophage lambda nutL region on transcription of rRNA in Escherichia coli. Sharrock RA, et al. **J Bacteriol** 1985 Aug;163(2):704–8

Mutation that suppresses the protein export defect of the secY mutation and causes cold-sensitive growth of Escherichia coli. Shiba K, et al. **J Bacteriol** 1984 Nov;160(2):696–701

Alteration of phospholipid composition by combined defects in phosphatidylserine and cardiolipin synthases and physiological consequences in Escherichia coli. Shibuya I, et al. **J Bacteriol** 1985 Mar;161(3):1086–92

Escherichia coli mutants with altered cation recognition by the melibiose carrier. Shiota S, et al. **J Bacteriol** 1984 Oct;160(1):445–7

Unbalanced rRNA gene dosage and its effects on rRNA and ribosomal-protein synthesis. Siehnel RJ, et al. **J Bacteriol** 1985 Aug;163(2):476–86

Identification of the Escherichia coli deoR and cytR gene products. Singer JT, et al. **J Bacteriol** 1985 Sep;163(3):1095–100

Genetics of methyl-accepting chemotaxis proteins in Escherichia coli: null phenotypes of the tar and tap genes. Slocum MK, et al. **J Bacteriol** 1985 Aug;163(2):586–94

Return of Streptococcus faecalis DNA cloned in Escherichia coli to its original host via transformation of Streptococcus sanguis followed by conjugative mobilization. Smith MD, et al. **J Bacteriol** 1984 Dec;160(3):1109–14

Plasmid-dependent inhibition of growth of bacteriophage T4 ndd mutants. Snustad DP, et al. **J Bacteriol** 1985 Sep;163(3):1290–2

Bacteriophage T5 gene A2 protein alters the outer membrane of Escherichia coli. Snyder CE Jr. **J Bacteriol** 1984 Dec;160(3):1191–5

Isolation and characterization of antisuppressor mutations in Escherichia coli. Sullivan MA, et al. **J Bacteriol** 1985 Jan;161(1):377–84

Antisuppressor mutation in Escherichia coli defective in biosynthesis of 5-methylaminomethyl-2-thiouridine. Sullivan MA, et al. **J Bacteriol** 1985 Jan;161(1):368–76

Transcriptional organization within an Escherichia coli cell division gene cluster: direction of transcription of the cell separation gene envA. Sullivan NF, et al. **J Bacteriol** 1984 Nov;160(2):724–32

Phosphate-specific transport system of Escherichia coli: nucleotide sequence and gene-polypeptide relationships. Surin BP, et al. **J Bacteriol** 1985 Jan;161(1):189–98

Isolation and expression of the Escherichia coli gene encoding malate dehydrogenase. Sutherland P, et al. **J Bacteriol** 1985 Sep;163(3):1074–9

Single-strand breakage of DNA in UV-irradiated uvrA, uvrB, and uvrC mutants of Escherichia coli. Tang MS, et al. **J Bacteriol** 1985 Mar;161(3):933–8

Isolation of protease-proficient, recombinase-deficient recA mutants of Escherichia coli K-12. Tessman ES, et al. **J Bacteriol** 1985 Aug;163(2):688–95

Plaque color method for rapid isolation of novel recA mutants of Escherichia coli K-12: new classes of protease-constitutive recA mutants. Tessman ES, et al. **J Bacteriol** 1985 Aug;163(2):677–87

N conjugative transfer system of plasmid pCU1. Thatte V, et al. **J Bacteriol** 1985 Sep;163(3):1229–36

Escherichia coli supH suppressor: temperature-sensitive missense suppression caused by an anticodon change in tRNASer2. Thorbjarnardóttir S, et al. **J Bacteriol** 1985 Jan;161(1):207–11

Leucine tRNA family of Escherichia coli: nucleotide sequence of the supP(Am) suppressor gene. Thorbjarnardóttir S, et al. **J Bacteriol** 1985 Jan;161(1):219–22

Insertion element IS121 is near proA in the chromosomes of Escherichia coli K–12 strains. Timmons MS, et al. **J Bacteriol** 1984 Dec;160(3):1175–7

Genetic evidence for substrate and periplasmic–binding–protein recognition by the MalF and MalG proteins, cytoplasmic membrane components of the Escherichia coli maltose transport system. Treptow NA, et al. **J Bacteriol** 1985 Aug;163(2):654–60

lon transcriptional regulation of genes necessary for capsular polysaccharide synthesis in Escherichia coli K–12. Trisler P, et al. **J Bacteriol** 1984 Oct;160(1):184–91

supN ochre suppressor gene in Escherichia coli codes for tRNALys. Uemura H, et al. **J Bacteriol** 1985 Sep;163(3):1288–9

Identification and regulation of the glnL operator–promoter of the complex glnALG operon of Escherichia coli. Ueno–Nishio S, et al. **J Bacteriol** 1984 Oct;160(1):379–84

Preferential inhibition of plasmid replication in vivo by altered DNA gyrase activity in Escherichia coli. Uhlin BE, et al. **J Bacteriol** 1985 May;162(2):855–7

Two–component suppression of recF143 by recA441 in Escherichia coli K–12. Volkert MR, et al. **J Bacteriol** 1984 Nov;160(2):702–5

Control of F plasmid replication by a host gene: evidence for interaction of the mafA gene product of Escherichia coli with the mini–F incC region. Wada C, et al. **J Bacteriol** 1984 Dec;160(3):1130–6

Evidence that the recA441 (tif–1) mutant of Escherichia coli K–12 contains a thermosensitive intragenic suppressor of RecA constitutive protease activity. Wang WB, et al. **J Bacteriol** 1985 Jul;163(1):407–9

Comparison of physical and genetic properties of palindromic DNA sequences. Warren GJ, et al. **J Bacteriol** 1985 Mar;161(3):1103–11

Second replicon in ColV2–K94 mediates the stable coexistence of two incompatible plasmids. Weber PC, et al. **J Bacteriol** 1984 Oct;160(1):245–50

Direct selection of mutations reducing transcription or translation of the recA gene of Escherichia coli with a recA–lacZ protein fusion. Weisemann JM, et al. **J Bacteriol** 1985 Aug;163(2):748–55

Measurement of in vivo expression of the recA gene of Escherichia coli by using lacZ gene fusions. Weisemann JM et al. **J Bacteriol** 1984 Oct;160(1):112–21

Genetic mapping of nth, a gene affecting endonuclease III (thymine glycol–DNA glycosylase) in Escherichia coli K–12. Weiss B, et al. **J Bacteriol** 1985 May;162(2):607–10

Nucleotide sequence binding specificity of the LexA repressor of Escherichia coli K–12. Wertman KF, et al. **J Bacteriol** 1985 Jul;163(1):376–84

Mutation–dependent suppression of recB21 recC22 by a region cloned from the Rac prophage of Escherichia coli K–12. Willis DK, et al. **J Bacteriol** 1985 Jun;162(3):1166–72

Entry exclusion determinant(s) of IncN plasmid pKM101. Winans SC, et al. **J Bacteriol** 1985 Jan;161(1):411–6

Site–directed insertion and deletion mutagenesis with cloned fragments in Escherichia coli. Winans SC, et al. **J Bacteriol** 1985 Mar;161(3):1219–21

Proton suicide: general method for direct selection of sugar transport– and fermentation–defective mutants. Winkelman JW, et al. **J Bacteriol** 1984 Nov;160(2):687–90

Separate regulation of purA and purB loci of Escherichia coli K–12. Wolfe SA, et al. **J Bacteriol** 1985 May;162(2):822–5

Cloning of the tyrP gene and further characterization of the tyrosine–specific transport system in Escherichia coli K–12. Wookey PJ, et al. **J Bacteriol** 1984 Oct;160(1):169–74

Locus affecting regulation of the colicin I receptor by iron. Worsham PL, et al. **J Bacteriol** 1985 Jan;161(1):428–31

Intergeneric homology of the speC gene encoding biosynthetic ornithine decarboxylase in Escherichia coli. Wright JM, et al. **J Bacteriol** 1984 Sep;159(3):1074–6

Incompatibility mutants of IncFII plasmid NR1 and their effect on replication control. Wu RP, et al. **J Bacteriol** 1985 Sep;163(3):973–82

Conjugal transfer of bacterial chromosomes mediated by the RK2 plasmid transfer origin cloned into transposon Tn5. Yakobson EA, et al. **J Bacteriol** 1984 Oct;160(1):451–3

General recombination in Escherichia coli K–12: in vivo role of RecBC enzyme. Yancey SD, et al. **J Bacteriol** 1985 Apr;162(1):29–34

Alteration in cation specificity of the melibiose transport carrier of Escherichia coli due to replacement of proline 122 with serine. Yazyu H, et al. **J Bacterial** 1985 Jun;162(3):933–7

Transcriptional control of the S10 ribosomal protein operon of Escherichia coli after a shift to higher temperature. Zengel JM, et al. **J Bacteriol** 1985 Jul;163(1):140–7

Mitomycin–induced lethality of Escherichia coli cells containing the ColE1 Plasmid: involvement of the kil gene. Zhang SP, et al. **J Bacteriol** 1985 Jul;163(1):174–9

Isolating and sequencing the predominant 5'–ends of a specific mRNA in cells. I. Purification by filter hybridization. Cannistraro VJ, et al. **J Biochem Biophys Methods** 1985 Aug;11(2–3):153–61

Isolating and sequencing the predominant 5'–ends of a specific mRNA in cells. II. End–labeling and sequencing. Cannistraro VJ, et al. **J Biochem Biophys Methods** 1985 Aug;11(2–3):163–75

Effect of the replacement of pRoR promoter of lambda dv plasmid by lac promoter on the synthesis of DNA. Hase T, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1205–15

Cloning of phosphoenolpyruvate carboxylase gene from a cyanobacterium, Anacystis nidulans, in Escherichia coli. Kodaki T, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):533–9

Expression of poliovirus complementary DNA coding for viral antigenic determinants in Escherichia coli. Kuge S, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):305–12

Branched–chain amino acid aminotransferase of Escherichia coli: nucleotide sequence of the ilvE gene and the deduced amino acid sequence. Kuramitsu S, et al. **J Biochem (Tokyo)** 1985 Apr;97(4):993–9

Use of a phoB'–'lacZ fusion gene to determine the N–terminal amino acid sequence of the phoB protein and to prepare antiserum against the protein. Sugita T, et al. **J Biochem (Tokyo)** 1985 Apr;97(4):1247–50

X–ray diffraction studies on the complex of E. coli DNA with synthetic thermospermine. Takeda Y. **J Biochem (Tokyo)** 1985 Jun;97(6):1827–30

Mutational analysis of primosome assembly sites. I. Distinct classes of mutants in the pBR322 Escherichia coli factor Y DNA effector sequences. Abarzúa P, et al. **J Biol Chem** 1984 Nov 25;259(22):14286–92

Analysis of in vivo RNA transcription products of the ilvGEDA attenuator region of Escherichia coli K12. Adams CW, et al. **J Biol Chem** 1985 Jul 15;260(14):8538–44

Effects of genome size on bacteriophage phi X174 DNA packaging in vitro. Aoyama A, et al. **J Biol Chem** 1985 Sep 15;260(20):11033–8

Long–chain fatty acid transport in Escherichia coli. Cloning, mapping, and expression of the fadL gene. Black PN, et al. **J Biol Chem** 1985 Feb 10;260(3):1780–9

Folylpoly–gamma–glutamate synthetase–dihydrofolate synthetase. Cloning and high expression of the Escherichia coli folC gene and purification and properties of the gene product. Bognar AL, et al. **J Biol Chem** 1985 May 10;260(9):5625–30

Expression of the gene for Bacillus subtilis aspartokinase II in Escherichia coli. Bondaryk RP, et al. **J Biol Chem** 1985 Jan 10;260(1):592–7

Nucleotide sequence and expression of the Escherichia coli dapB gene. Bouvier J, et al. **J Biol Chem** 1984 Dec 10;259(23):14829–34

Increased superoxide radical production evokes inducible DNA repair in Escherichia coli. Brawn MK, et al. **J Biol Chem** 1985 Jan 25;260(2):922–5

Bacillus subtilis sigma 28 and Escherichia coli sigma 32 (htpR) are minor sigma factors that display an overlapping promoter specificity. Briat JF, et al. **J Biol Chem** 1985 Feb 25;260(4):2038–41

Interconversion of tight and loose couple 50 S ribosomes and translocation in protein synthesis. Burma DP, et al. **J Biol Chem** 1985 Sep 5;260(19):10517–25

Nucleotide sequence and gene organization of ColE1 DNA. Chan PT, et al. **J Biol Chem** 1985 Jul 25;260(15):8925–35

In vitro expression of the intron–containing gene for T4 phage thymidylate synthase. Chu FK, et al. **J Biol Chem** 1985 Sep 5;260(19):10680–8

DNA sequence analysis of the dye gene of Escherichia coli reveals amino acid homology between the dye and OmpR proteins. Drury LS, et al. **J Biol Chem** 1985 Apr 10;260(7):4236–42

The defective proton–ATPase of uncD mutants of Escherichia coli. Two mutations which affect the catalytic mechanism. Duncan TM, et al. **J Biol Chem** 1985 Apr 25;260(8):4901–7

Thermal regulation of beta–galactosidase synthesis using anti–sense RNA directed against the coding portion of the mRNA. Ellison MJ, et al. **J Biol Chem** 1985 Aug 5;260(16):9085–7

Characterization of an Escherichia coli mdoB mutant strain unable to transfer sn–1–phosphoglycerol to membrane–derived oligosaccharides. Fiedler W, et al. **J Biol Chem** 1985 Apr 25;260(8):4799–806

Primary structure of histidine–tRNA synthetase and characterization of hisS transcripts. Freedman R, et al. **J Biol Chem** 1985 Aug 25;260(18):10063–8

Operator mutations of the Escherichia coli aroF gene. Garner CC, et al. **J Biol Chem** 1985 Mar 25;260(6):3820–5

An alternate pathway for the processing of the prolipoprotein signal peptide in Escherichia coli. Ghrayeb J, et al. **J Biol Chem** 1985 Sep 15;260(20):10961–5

A strong sequence homology exists between the major RNA polymerase sigma factors of Bacillus subtilis and Escherichia coli. Gitt MA, et al. **J Biol Chem** 1985 Jun 25;260(12):7178–85

Pausing of RNA polymerase during in vitro transcription through the ilvB and ilvGEDA attenuator regions of Escherichia coli K12. Hauser CA, et al. **J Biol Chem** 1985 Feb 10;260(3):1765–70

Modification and processing of internalized signal sequences of prolipoprotein in Escherichia coli and in Bacillus subtilis. Hayashi S, et al. **J Biol Chem** 1985 May 10;260(9):5753–9

Ribonucleoside and deoxyribonucleoside triphosphate pools during 2–aminopurine mutagenesis in T4 mutator–, wild type–, and antimutator–infected Escherichia coli. Hopkins RL, et al. **J Biol Chem** 1985 Jun 10;260(11):6618–22

Two mutations in the dispensable part of alanine tRNA synthetase which affect the catalytic activity. Jasin M, et al. **J Biol Chem** 1985 Feb 25;260(4):2226–30

Effects of the bacteriophage T4 dda protein on DNA synthesis catalyzed by purified T4 replication proteins. Jongeneel CV, et al. **J Biol Chem** 1984 Oct 25;259(20):12933–8

Characterization of the ileS–lsp operon in Escherichia coli. Identification of an open reading frame upstream of the ileS gene and potential promoter(s) for the ileS–lsp operon. Kamio Y, et al. **J Biol Chem** 1985 May 10;260(9):5616–20

Biochemical characterization of a paraquat–tolerant mutant of Escherichia coli. Kao SM, et al. **J Biol Chem** 1985 Sep 5;260(19):10478–81

Electron microscopy of secondary structure in partially denatured precursor and mature Escherichia coli 16 S and 23 S rRNA. Klein BK, et al. **J Biol Chem** 1985 Jul 5;260(13):8114–20

Assembly of a functional F1 of the proton–translocating ATPase of Escherichia coli. Klionsky DJ, et al. **J Biol Chem** 1985 Sep 15;260(20):11200–6

The complete nucleotide sequences of the Escherichia coli LIV–BP and LS–BP genes. Implications for the mechanism of high–affinity branched–chain amino acid transport. Landick R, et al. **J Biol Chem** 1985 Jul 15;260(14):8257–61

Purification and properties of Int–h, a variant protein involved in site–specific recombination of bacteriophage lambda. Lange–Gustafson BJ, et al. **J Biol Chem** 1984 Oct 25;259(20):12724–32

Rho–dependent transcription termination at lambda R1 requires upstream sequences. Lau LF, et al. **J Biol Chem** 1985 Jan 10;260(1):574–84

Two binding modes in Escherichia coli single strand binding protein–single stranded DNA complexes. Modulation by NaCl concentration. Lohman TM, et al. **J Biol Chem** 1985 Mar 25;260(6):3594–603

Expression of a mammalian fatty acid–binding protein in Escherichia coli. Lowe JB, et al. **J Biol Chem** 1984 Oct 25;259(20):12696–704

Regulation of Escherichia coli purF. Analysis of the control region of a pur regulon gene. Makaroff CA, et al. **J Biol Chem** 1985 Aug 25;260(18):10378–87

Characterization of the lep operon of Escherichia coli. Identification of the promoter and the gene upstream of the signal peptidase I gene. March PE, et al. **J Biol Chem** 1985 Jun 25;260(12):7206–13

Cloning and characterization of the alkA gene of Escherichia coli that encodes 3–methyladenine DNA glycosylase II. Nakabeppu Y, et al. **J Biol Chem** 1984 Nov 25;259(22):13723–9

Structure and expression of the alkA gene of Escherichia coli involved in adaptive response to alkylating agents. Nakabeppu Y, et al. **J Biol Chem** 1984 Nov 25;259(22):13730–6

Identification of multiple sites in the promoter region of the Tetrahymena pyriformis rRNA gene which bind the Escherichia coli catabolite regulatory protein. Niles EG. **J Biol Chem** 1985 Jan 10;260(1):672–8

Transcriptional organization of the convergent overlapping dnaQ–rnh genes of Escherichia coli. Nomura T, et al. **J Biol Chem** 1985 Jun 10;260(11):7122–5

Expression of human terminal deoxynucleotidyl transferase in Escherichia coli. Peterson RC, et al. **J Biol Chem** 1985 Sep 5;260(19):10495–502

Regulation of expression and nucleotide sequence of the Escherichia coli dapD gene. Richaud C, et al. **J Biol Chem** 1984 Dec 10;259(23):14824–8

Purification and characterization of murine retroviral reverse transcriptase expressed in Escherichia coli. Roth MJ, et al. **J Biol Chem** 1985 Aug 5;260(16):9326–35

Structure and autoregulation of the metJ regulatory gene in Escherichia coli. Saint–Girons I, et al. **J Biol Chem** 1984 Nov 25;259(22):14282–5

Hybridization selection of covalent nucleic acid–protein complexes. 2. Cross–linking of proteins to specific Escherichia coli mRNAs and DNA sequences by formaldehyde treatment of intact cells. Schouten JP. **J Biol Chem** 1985 Aug 15;260(17):9929–35

Cloning of the methionine regulatory gene, metJ, of Escherichia coli K12 and identification of its product. Smith AA, et al. **J Biol Chem** 1984 Nov 25;259(22):14279–81

Response of recA–dependent operons to different DNA damage signals. Smith CL. **J Biol Chem** 1985 Aug 25;260(18):10069–74

Bacteriophage T4 gene 44 DNA polymerase accessory protein. Sequences of gene 44 and its protein product. Spicer EK, et al. **J Biol Chem** 1984 Dec 25;259(24):15425–32

A site in a tRNA precursor that can be processed by the whole RNase P enzyme but not by the RNA alone. Subbarao MN, et al. **J Biol Chem** 1984 Dec 10;259(23):14339–42

Amplification and purification of UvrA, UvrB, and UvrC proteins of Escherichia coli. Thomas DC, et al. **J Biol Chem** 1985 Aug 15;260(17):9875–83

Identification of prolipoprotein signal peptidase and genomic organization of the lsp gene in Escherichia coli. Tokunaga M, et al. **J Biol Chem** 1985 May 10;260(9):5610–5

Amplified expression of streptomyces endo–beta–N–acetylglucosaminidase H in Escherichia coli and characterization of the enzyme product. Trumbly RJ, et al. **J Biol Chem** 1985 May 10;260(9):5683–90

The T4 mot protein functions as part of a pre–replicative DNA–protein complex. Uzan M, et al. **J Biol Chem** 1985 Jan 10;260(1):633–9

Localization of tyrosine kinase-coding region in v-abl oncogene by the expression of v-abl-encoded proteins in bacteria. Wang JY, et al. **J Biol Chem** 1985 Jan 10; 260(1):64-71

Characterization of the structural and functional defect in the Escherichia coli single-stranded DNA binding protein encoded by the ssb-1 mutant gene. Expression of the ssb-1 gene under lambda pL regulation. Williams KR, et al. **J Biol Chem** 1984 Oct 10;259(19):11804-11

Effects of two sec genes on protein assembly into the plasma membrane of Escherichia coli. Wolfe PB, et al. **J Biol Chem** 1985 Feb 10;260(3):1836-41

Identification of functional murine adenosine deaminase cDNA clones by complementation in Escherichia coli. Yeung CY, et al. **J Biol Chem** 1985 Aug 25; 260(18):10299-307

Purification and properties of the dnaJ replication protein of Escherichia coli. Zylicz M, et al. **J Biol Chem** 1985 Jun 25;260(12):7591-8

Lysis of Escherichia coli by cloned phi X174 gene E depends on its expression. Bläsi U, et al. **J Gen Microbiol** 1985 May; 131 (Pt 5):1107-14

Characteristics and function of thick and thin conjugative pili determined by transfer-derepressed plasmids of incompatibility groups I1, I2, I5, B, K and Z. Bradley DE. **J Gen Microbiol** 1984 Jun;130 (Pt 6):1489-502

The location of a mutation affecting ribosomal protein synthesis by Escherichia coli. Butler PD, et al. **J Gen Microbiol** 1985 Jan;131 (Pt 1):135-44

Use of homocysteic acid for selecting mutants at the gltS locus of Escherichia coli K12. Essenberg RC. **J Gen Microbiol** 1984 Jun;130 (Pt 6):1311-4

Characterization of the fumarase gene of Bacillus subtilis 168 cloned and expressed in Escherichia coli K12. Moir A, et al. **J Gen Microbiol** 1984 Nov;130 (Pt 11):3009-17

Characterization of DNA fragments encoding fimbriae of the uropathogenic Escherichia coli strain KS71. Rhen M. **J Gen Microbiol** 1985 Mar;131 (Pt 3):571-80

Expression of a gene for glucan-binding protein from Streptococcus mutans in Escherichia coli. Russell RR, et al. **J Gen Microbiol** 1985 Feb;131 (Pt 2):295-9

Temperature-sensitive beta-lactam-tolerant mutants of Escherichia coli. Shimmin LC, et al. **J Gen Microbiol** 1984 Jun;130 (Pt 6):1315-23

The ftsA gene product: a possible connection between DNA replication and septation in Escherichia coli. Tormo A, et al. **J Gen Microbiol** 1985 Feb;131 (Pt 2):239-44

Influence of C-terminal modifications of phi X174 lysis gene E on its lysis-inducing properties. Bläsi U, et al. **J Gen Virol** 1985 Jun;66 (Pt 6):1209-13

High frequency transduction by phage hybrids between coliphage phi 80 and Salmonella phage P22. Yamamoto N, et al. **J Gen Virol** 1985 Aug;66 (Pt 8):1661-8

Mouse chromosome 1 Ity locus regulates microbicidal activity of isolated peritoneal macrophages against a diverse group of intracellular and extracellular bacteria. Lissner CR, et al. **J Immunol** 1985 Jul;135(1):544-7

The diarrheal response of humans to some classic serotypes of enteropathogenic Escherichia coli is dependent on a plasmid encoding an enteroadhesiveness factor. Levine MM, et al. **J Infect Dis** 1985 Sep;152(3):550-9

Detection of an adherence factor of enteropathogenic Escherichia coli with a DNA probe. Nataro JP, et al. **J Infect Dis** 1985 Sep;152(3):560-5

Contribution of the traT gene to serum resistance among clinical isolates of enterobacteriaceae. Kanukollu U, et al. **J Med Microbiol** 1985 Feb;19(1):61-7

Structure of the penicillin acylase gene from Escherichia coli: a periplasmic enzyme that undergoes multiple proteolytic processing. Bruns W, et al. **J Mol Appl Genet** 1985; 3(1):36-44

Construction of E. coli expression plasmid libraries: localization of a pseudorabies virus glycoprotein gene. Robbins AK, et al. **J Mol Appl Genet** 1984;2(5):485-96

Use of transposon-promoted deletions in DNA sequence analysis. Ahmed A. **J Mol Biol** 1984 Oct 5;178(4):941-8

Nucleotide sequence of the genes involved in phosphate transport and regulation of the phosphate regulon in Escherichia coli. Amemura M, et al. **J Mol Biol** 1985 Jul 20;184(2):241-50

Activation and inhibition of transcription by supercoiling. Brahms JG, et al. **J Mol Biol** 1985 Feb 20;181(4):455-65

The 4.5 S RNA gene of Escherichia coli is essential for cell growth. Brown S, et al. **J Mol Biol** 1984 Sep 25; 178(3):533-50

The 5' ends of Escherichia coli lac mRNA. Cannistraro VJ, et al. **J Mol Biol** 1985 Mar 20;182(2):241-8

Mutations upstream of the ribosome-binding site affect translational efficiency. Coleman J, et al. **J Mol Biol** 1985 Jan 5;181(1):139-43

Multiple origin usage for DNA replication in sdrA(rnh) mutants of Escherichia coli K-12. Initiation in the absence of oriC. de Massy B, et al. **J Mol Biol** 1984 Sep 15; 178(2):227-36

Point mutations that affect translation initiation in the Escherichia coli gal E gene. Dreyfus M, et al. **J Mol Biol** 1985 Apr 5;182(3):411-7

Deletion analysis of the Escherichia coli ara PC and PBAD promoters. Dunn TM, et al. **J Mol Biol** 1984 Nov 25; 180(1):201-4

Analogs of cyclic AMP that elicit the biochemically defined conformational change in catabolite gene activator protein (CAP) but do not stimulate binding to DNA. Ebright RH, et al. **J Mol Biol** 1985 Mar 5;182(1):91-107

Primary structure of the hip gene of Escherichia coli and of its product, the beta subunit of integration host factor. Flamm EL, et al. **J Mol Biol** 1985 May 25;183(2):117-28

Overinitiation of chromosome and plasmid replication in a dna Acos mutant of Escherichia coli K12. Evidence for dnaA-dnaB interactions. Frey J, et al. **J Mol Biol** 1984 Oct 25;179(2):171-83

Upstream repression and CRP stimulation of the Escherichia coli L-arabinose operon. Hahn S, et al. **J Mol Biol** 1984 Nov 25;180(1):61-72

Apparent alteration in properties of arl mutants of Escherichia coli. Hays JB, et al. **J Mol Biol** 1985 Apr 20; 182(4):611-2

Regulation of the Escherichia coli L-arabinose operon studied by gel electrophoresis DNA binding assay. Hendrickson W, et al. **J Mol Biol** 1984 Sep 25; 178(3):611-28

Cloning and sequence analysis of the Escherichia coli 4.5 S RNA gene. Hsu LM, et al. **J Mol Biol** 1984 Sep 25; 178(3):509-31

Nucleotide sequence and transcription of the phenylalanine and tyrosine operons of Escherichia coli K12. Hudson GS, et al. **J Mol Biol** 1984 Dec 25;180(4):1023-51

Characterization by deletion mutagenesis in vitro of the promoter region of ompF, a positively regulated gene of Escherichia coli. Inokuchi K, et al. **J Mol Biol** 1984 Sep 25;178(3):653-68

Role of the IS50 R proteins in the promotion and control of Tn5 transposition. Johnson RC, et al. **J Mol Biol** 1984 Aug 25;177(4):645-61

An Escherichia coli mutant unable to support site-specific recombination of bacteriophage lambda. Kikuchi A, et al. **J Mol Biol** 1985 May 25;183(2):129-40

Regulation of the phosphate regulon of Escherichia coli K-12: regulation and role of the regulatory gene phoR. Makino K, et al. **J Mol Biol** 1985 Jul 20;184(2):231-40

Mechanism of CRP-cAMP activation of lac operon transcription initiation activation of the P1 promoter. Malan TP, et al. **J Mol Biol** 1984 Dec 25;180(4):881-909

Analysis of mRNA synthesis following induction of the Escherichia coli SOS system. Markham BE, et al. **J Mol Biol** 1984 Sep 15;178(2):237-48

Colicin E3 and its immunity genes. Masaki H, et al. **J Mol Biol** 1985 Mar 20;182(2):217-27

Genetic studies of the lac repressor. XII. Amino acid replacements in the DNA binding domain of the Escherichia coli lac repressor. Miller JH. **J Mol Biol** 1984 Nov 25;180(1):205-12

Mapping of DNA gyrase cleavage sites in vivo oxolinic acid induced cleavages in plasmid pBR322. O'Connor MB, et al. **J Mol Biol** 1985 Feb 20;181(4):545-50

Site-specific mutagenesis of Escherichia coli gltT yields a weak, glutamic acid-inserting ochre suppressor. Raftery LA, et al. **J Mol Biol** 1985 Jul 20;184(2):343-5

Attenuation control of the Escherichia coli phenylalanyl-tRNA synthetase operon. Springer M, et al. **J Mol Biol** 1985 Feb 20;181(4):467-78

A mutation in an Escherichia coli ribosomal RNA operon that blocks the production of precursor 23 S ribosomal RNA by RNase III in vivo and in vitro. Stark MJ, et al. **J Mol Biol** 1985 Mar 20;182(2):205-16

Translation is a non-uniform process. Effect of tRNA availability on the rate of elongation of nascent polypeptide chains. Varenne S, et al. **J Mol Biol** 1984 Dec 15; 180(3):549-76

Transcription of the replication control region of the IncFII R-plasmid NR1 in vitro and in vivo. Womble DD, et al. **J Mol Biol** 1985 Feb 5;181(3):395-410

Identification of transfer RNA suppressors in Escherichia coli. III. Ochre suppressors of lysine tRNA. Yoshimura M, et al. **J Mol Biol** 1984 Aug 25;177(4):609-25

Identification of transfer RNA suppressors in Escherichia coli. IV. Amber suppressor Su+6 a double mutant of a new species of leucine tRNA. Yoshimura M, et al. **J Mol Biol** 1984 Aug 25;177(4):627-44

Initiation of DNA replication in bacteria: analysis of an autorepressor control model. Margalit H, et al. **J Theor Biol** 1984 Nov 7;111(1):183-99

An accessory role for Escherichia coli integration host factor: characterization of a lambda mutant dependent upon integration host factor for DNA packaging. Bear SE, et al. **J Virol** 1984 Dec;52(3):966-72

Expression of the cloned bacteriophage phi X174 A* gene in Escherichia coli inhibits DNA replication and cell division. Colasanti J, et al. **J Virol** 1985 Mar;53(3):807-13

Use of a bacterial expression vector to map the varicella-zoster virus major glycoprotein gene, gC. Ellis RW, et al. **J Virol** 1985 Jan;53(1):81-8

Expression of the x-lor gene of human T-cell leukemia virus I in Escherichia coli. Goh WC, et al. **J Virol** 1985 Aug; 55(2):497-9

Identification of bacteriophage T4D gene products 26 and 51 as baseplate hub structural components. Kozloff LM, et al. **J Virol** 1984 Nov;52(2):344-9

Identification of adenovirus 12-encoded E1A tumor antigens synthesized in infected and transformed mammalian cells and in Escherichia coli. Lucher LA, et al. **J Virol** 1984 Oct;52(1):136-44

Herpes simplex virus cloned DNA fragments induce coumermycin A1 resistance in Escherichia coli. Pearson RE, et al. **J Virol** 1984 Nov;52(2):370-6

A physical domain of herpes simplex virus ICP8 is expressed and active in Escherichia coli. Pearson RE, et al. **J Virol** 1985 Feb;53(2):360-5

Physical and genetic structure of the glpK-cpxA interval of the Escherichia coli K-12 chromosome. Albin R, et al. **MGG** 1984;197(2):261-71

Identification of the Escherichia coli K-12 cpxA locus as a single gene: construction and analysis of biologically-active cpxA gene fusions. Albin R, et al. **MGG** 1984;197(2):272-9

Genes for gentamicin-(3)-N-acetyl-transferases III and IV. II. Nucleotide sequences of three AAC(3)-III genes and evolutionary aspects. Allmansberger R, et al. **MGG** 1985; 198(3):514-20

Generation of deletions through a cis-acting mutation in plasmid pC194. Alonso JC, et al. **MGG** 1985;198(3):432-6

Versatile Escherichia coli-Bacillus shuttle vectors derived from runaway replication plasmids related to CloDF13. Andreoli PM. **MGG** 1985;199(3):372-80

Allele-specific suppression of dnaA(Ts) mutations by rpoB mutations in Escherichia coli. Atlung T. **MGG** 1984; 197(1):125-8

Involvement of kil and kor genes in the phenotype of a host-range mutant of RP4. Barth PT, et al. **MGG** 1984; 197(2):236-43

Anomalous expression of the E. coli lac operon in Proteus mirabilis. II. Effects of lacI and lacP mutations. Baumberg S, et al. **MGG** 1984;198(1):166-71

Regulation of cell division in Escherichia coli: properties of new ftsZ mutants. Belhumeur P, et al. **MGG** 1984; 197(2):254-60

The novel gene(s) ARD of plasmid pKM101: alleviation of EcoK restriction. Belogurov AA, et al. **MGG** 1985; 198(3):509-13

Nucleotide sequence of a regulatory region of the uidA gene in Escherichia coli K12. Blanco C, et al. **MGG** 1985; 199(1):101-5

The use of extragenic suppressors to define genes involved in protein export in Escherichia coli. Brickman ER, et al. **MGG** 1984;196(1):24-7

Mutagenic repair in Escherichia coli. X. The umuC gene product may be required for replication past pyrimidine dimers but not for the coding error in UV-mutagenesis. Bridges BA, et al. **MGG** 1984;196(2):364-6

IS30, a new insertion sequence of Escherichia coli K12. Caspers P, et al. **MGG** 1984;196(1):68-73

glnF-lacZ fusions in Escherichia coli: studies on glnF expression and its chromosomal orientation. Castaño I, et al. **MGG** 1984;195(1-2):228-33

Cloning of the ARO cluster gene of Neurospora crassa and its expression in Escherichia coli. Catcheside DE, et al. **MGG** 1985;199(3):446-51

Conjugative transfer of IncI1 plasmid DNA primase. Chatfield LK, et al. **MGG** 1984;197(3):461-6

Cloning of Escherichia coli genes encoding 3-methyladenine DNA glycosylases I and II. Clarke ND, et al. **MGG** 1984; 197(3):368-72

Molecular analysis of F plasmid pif region specifying abortive infection of T7 phage. Cram D, et al. **MGG** 1984; 197(1):137-42

Intragenic suppression of the temperature-sensitivity caused by a mutation in a gene controlling transcription (fit) in Escherichia coli. Dass SB, et al. **MGG** 1985;198(2):299-30

Identification of the gene appA for the acid phosphatase (ph optimum 2.5) of Escherichia coli. Dassa E, et al. **MGG** 1985;200(1):68-73

Vectors for transposon mutagenesis of non-enteric bacteri Ely B. **MGG** 1985;200(2):302-4

An integration-proficient int mutant of bacteriophag lambda. Enquist LW, et al. **MGG** 1984;195(1-2):62-9

Modulation of gene expression in Escherichia coli infected with single-stranded bacteriophage phi X174. Ghosh A et al. **MGG** 1985;198(2):304-8

Hek: an Escherichia coli function involved in function expression of the kil gene of bacteriophage Mu. Goo N, et al. **MGG** 1984;196(1):170-2

Isolation of transfer-negative nif-plasmids (pCE1) and the integration into the chromosome of Escherichia coli wi the help of phage Mu. Göttfert M, et al. **MGG** 19 199(3):481-5

A Tn21 terminal sequence within Tn501: complementati of tnpA gene function and transposon evolution. Grin J, et al. **MGG** 1984;197(3):497-502

Genetic characterization of the Escherichia c cyclopropane fatty acid (cfa) locus and neighboring lo Grogan DW, et al. **MGG** 1984;196(2):367-72

Mutations not altering the symmetrical sequences in the operator yield a constitutive phenotype. Grosfeld H, et MGG 1984;195(1-2):358-60

Genetic and biochemical characterization of the aerobac synthesis operon on pColV. Gross R, et al. **MGG** 19 196(1):74-80

Initiation of translation makes attenuation of ampC in E. c dependent on growth rate. Grundström T, et al. M 1985;198(3):411-5

Transcriptional control of polarity in Escherichia coli cAMP. Guidi-Rontani C, et al. **MGG** 1984;195(1-2):96-

Genetic mapping and cloning of the gene (trmC) respon for the synthesis of tRNA (mnm5s2U)methyltransfera Escherichia coli K12. Hagervall TG, et al. **MGG** 1 196(2):201-7

Undermodification in the first position of the anticodon of supG-tRNA reduces translational efficiency. Hagervall TG, et al. MGG 1984;196(2):194–200

Maintenance of multicopy plasmid Clo DF13 III. Role of plasmid size and copy number in partitioning. Hakkaart MJ, et al. MGG 1985;198(2):364–6

The resolvase protein from the transposon Tn21. Halford SE, et al. MGG 1985;200(1):169–75

Fine structure genetic map and complementation analysis of mutations in the dnaA gene of Escherichia coli. Hansen EB, et al. MGG 1984;196(3):387–96

Cloning of the repressor protein gene of iron-regulated systems in Escherichia coli K12. Hantke K. MGG 1984;197(2):337–41

The E. coli K-12 chromosome flanked by two IS10 sequences transposes. Harayama S, et al. MGG 1984;197(1):62–6

Application of phage lambda technology to Salmonella typhimurium. Construction of a lambda-sensitive Salmonella strain. Harkki A, et al. MGG 1984;195(1–2):256–9

Relationship between the proteins encoded by the exclusion determining locus of the IncI plasmid R144 and the cellular localization of these proteins in Escherichia coli K-12. Hartskeerl R, et al. MGG 1985;200(1):138–44

Use of phenotypic suppression for direct selection of loss of aminoglycoside antibiotic resistance determinants. Hector ML. MGG 1984;196(2):254–7

RNase H-defective mutants of Escherichia coli: a possible discriminatory role of RNase H in initiation of DNA replication. Horiuchi T, et al. MGG 1984;195(1–2):17–22

Functional characterization of the prokaryotic mobile genetic element IS26. Iida S, et al. MGG 1984;198(1):84–9

Cointegration and resolution mediated by IS101 present in plasmid pSC101. Ishizaki K, et al. MGG 1985;199(3):388–95

Cloning and nucleotide sequencing of the genes for ribosomal proteins S9 (rpsI) and L13 (rplM) of Escherichia coli. Isono S, et al. MGG 1985;198(2):279–82

Cloning and analysis of pif, replication and leading regions of the F plasmid. Jackson R, et al. MGG 1984;197(1):129–36

New regulatory genes involved in the control of transcription initiation at the thr and ilv promoters of Escherichia coli K-12. Johnson DI, et al. MGG 1984;195(1–2):70–6

Expression and regulation of the plasmid-encoded hemolysin determinant of Escherichia coli. Juarez A, et al. MGG 1984;197(2):196–203

Molecular cloning and characterization of the alkB gene of Escherichia coli. Kataoka H, et al. MGG 1985;198(2):263–9

Dispensability of either penicillin-binding protein-1a or -1b involved in the essential process for cell elongation in Escherichia coli. Kato J, et al. MGG 1985;200(2):272–7

Overlapping of the coding regions for alpha and gamma components of penicillin-binding protein 1 b in Escherichia coli. Kato J, et al. MGG 1984;196(3):449–57

Integration of bacteriophages lambda and phi 80 in wild-type Escherichia coli at secondary attachment sites. II. Genetic structure and mechanism of polylysogen formation for lambda, phi 80 and the lambda att80 hybrid. Kholodii GY, et al. MGG 1985;198(3):491–6

Integration of bacteriophages lambda and phi 80 in wild-type Escherichia coli at secondary attachment sites. I. Formation of secondary lysogens. Kholodii GYa, et al. MGG 1984;197(1):104–8

The fim genes responsible for synthesis of type 1 fimbriae in Escherichia coli, cloning and genetic organization. Klemm P, et al. MGG 1985;199(3):410–4

Modulation of Escherichia coli tryptophan (trp) attenuation by the UGA readthrough process. Kopelowitz J, et al. MGG 1984;196(3):541–5

The recF-dependent endonuclease from Escherichia coli K12. Formation and resolution of pBR322 DNA multimers. Krivonogov SV. MGG 1984;196(1):105–9

Kinetoplast DNA segments function as promoters in Escherichia coli cells. Kuzmin EV, et al. MGG 1985;198(2):323–8

Rho-dependence of the terminator active at the end of the I region of transcription of bacteriophage f1. La Farina M, et al. MGG 1984;195(1–2):5–9

Expression of an Escherichia coli phr gene in the yeast Saccharomyces cerevisiae. Langeveld SA, et al. MGG 1985;199(3):396–400

Comparative analysis of UV-induced mutability of ten different codon units in position 211 of the Escherichia coli trpA gene. Langhammer R, et al. MGG 1984;196(3):530–2

The effect of the locus pstB on phosphate binding in the phosphate specific transport (PST) system of Escherichia coli. Levitz R, et al. MGG 1985;200(1):118–22

A new locus in the phosphate specific transport (PST) region of Escherichia coli. Levitz R, et al. MGG 1984;197(1):98–103

Mutagenicity of ozone in different repair-deficient strains of Escherichia coli. L'Hérault P, et al. MGG 1984;197(3):472–7

Transcription and its regulation in the basic replicon region of plasmid R1. Light J, et al. MGG 1985;198(3):503–8

Mutation to rifampicin resistance at the beginning of the RNA polymerase beta subunit gene in Escherichia coli. Lisitsyn NA, et al. MGG 1984;196(1):173–4

A molecular model for conjugational recombination in Escherichia coli K12. Lloyd RG, et al. MGG 1984;197(2):328–36

Genetic inactivation of topoisomerase I suppresses a defect in initiation of chromosome replication in Escherichia coli. Louarn J, et al. MGG 1984;195(1–2):170–4

Biocide gene(s) and biocidal activity in different strains of Bacillus sphaericus. Expression of the gene(s) in E. coli maxicells. Louis J, et al. MGG 1984;195(1–2):23–8

Interaction of an antimutator gene with DNA repair pathways in Escherichia coli K-12. Lyons SM, et al. MGG 1985;198(2):336–47

Molecular cloning and functional analysis of the cysG and nirB genes of Escherichia coli K12, two closely-linked genes required for NADH-dependent nitrite reductase activity. Macdonald H, et al. MGG 1985;200(2):328–34

Functional characterization of a cloned haemolysin determinant from E. coli of human origin, encoding information for the secretion of a 107K polypeptide. Mackman N, et al. MGG 1984;196(1):129–34

Purification of the NusB gene product of Escherichia coli K12. Maekawa T, et al. MGG 1985;200(1):14–20

Transcription analysis of a Bacillus subtilis arg gene following cloning in Escherichia coli in an initially unstable hybrid plasmid. Mann NH, et al. MGG 1984;197(1):75–81

Colonization factor antigen II (CFA/II) of enterotoxigenic Escherichia coli: molecular cloning of the CS3 determinant. Manning PA, et al. MGG 1985;200(2):322–7

DNA methylation influences trpR promoter activity in Escherichia coli K-12. Marinus MG. MGG 1985;200(1):185–6

A change of threonine 266 to isoleucine in the lac permease of Escherichia coli diminishes the transport of lactose and increases the transport of maltose. Markgraf M, et al. MGG 1985;198(3):473–5

Physiology of the SOS response: kinetics of lexA and recA transcriptional activity following induction. Markham BE, et al. MGG 1985;198(2):207–12

Oligonucleotide directed mutagenesis: selection of mutants by hemimethylation of GATC-sequences. Marmenout A, et al. MGG 1984;195(1–2):126–33

Reduction of marker discrimination in transductional recombination. Masters M, et al. MGG 1984;196(1):85–90

Rec-dependent and Rec-independent recombination of plasmid-borne duplications in Escherichia coli K12. Matfield M, et al. MGG 1985;199(3):518–23

Mapping of markers in the gyrA-his region of Escherichia coli. Middendorf A, et al. MGG 1984;197(1):175–81

Native supercoiling of DNA: the effects of DNA gyrase and omega protein in E. coli. Mirkin SM, et al. MGG 1984;196(3):508–12

An active variant of the prokaryotic transposable element IS903 carries an amber stop codon in the middle of an open reading frame. Mollet B, et al. MGG 1985;199(3):534–6

Replicon fusion mediated by a single-ended derivative of transposon Tn1721. Mötsch S, et al. MGG 1984;195(1–2):281–7

Cloning of a Bacillus subtilis restriction fragment complementing auxotrophic mutants of eight Escherichia coli genes of arginine biosynthesis. Mountain A, et al. MGG 1984;197(1):82–9

Chromosomal location of the Escherichia coli cytochrome b556 gene, cybA. Murakami H, et al. MGG 1984;196(1):1–5

Cloning of cybB, the gene for cytochrome b561 of Escherichia coli K12. Murakami H, et al. MGG 1984;198(1):1–6

Amber dnaG mutation exerting a polar effect on the synthesis of RNA polymerase sigma factor in Escherichia coli. Nakamura Y. MGG 1984;196(1):179–82

The recQ gene of Escherichia coli K12: molecular cloning and isolation of insertion mutants. Nakayama K, et al. MGG 1985;200(2):266–71

Suppressors of temperature-sensitive mutations in a ribosomal protein gene, rpsL (S12), of Escherichia coli K12. Nashimoto H, et al. MGG 1985;199(3):381–7

Genetic studies on the beta subunit of Escherichia coli RNA polymerase. VI. A redundant region in the beta polypeptide. Nene V, et al. MGG 1984;196(1):64–7

In vitro template activity of 0.3 mRNA from wild type and initiation mutants of bacteriophage T7. Ohsawa H, et al. MGG 1984;196(1):53–8

Cloning and expression of the activity and immunity genes of colicins B and M on ColBM plasmids. Olschläger T, et al. MGG 1984;196(3):482–7

Genetic analysis of Tn7 transposition. Ouartsi A, et al. MGG 1985;198(2):221–7

Functional expression of the genes of Escherichia coli in gram-positive Corynebacterium glutamicum. Ozaki A, et al. MGG 1984;196(1):175–8

Gene fusions to the ptsM/pel locus of Escherichia coli. Palva ET, et al. MGG 1985;199(3):427–33

Regulation of the trimethylamine N-oxide (TMAO) reductase in Escherichia coli: analysis of tor::Mud1 operon fusion. Pascal MC, et al. MGG 1984;195(1–2):351–5

Transcriptional organization of the rpsA operon of Escherichia coli. Pedersen S, et al. MGG 1984;196(1):135–40

Prophage inactivation in recB-proficient Escherichia coli K12 (lambda) lysogens after ultraviolet irradiation. Petranović M, et al. MGG 1984;196(1):167–9

Repair of DNA double-strand breaks in Escherichia coli K12 requires a functional recN product. Picksley SM, et al. MGG 1984;195(1–2):267–74

Cloning of the integration and attachment regions of bacteriophage P4. Pierson LS 3d, et al. MGG 1984;195(1–2):44–51

Transposon mutagenesis and genetic mapping of the rglA and rglB loci of Escherichia coli. Ravi RS, et al. MGG 1985;198(3):390–2

Cloning and expression of the structural gene for beta-glucosidase of Kluyveromyces fragilis in Escherichia coli and Saccharomyces cerevisiae. Raynal A, et al. MGG 1984;195(1–2):108–15

Restoration of RecA protein activity by genetic complementation. Rebollo JE, et al. MGG 1984;195(1–2):83–9

Complementation and regulatory interaction between two cloned fimbrial gene clusters of Escherichia coli strain KS71. Rhen M, et al. MGG 1985;200(1):60–4

DNA sequence heterogeneity in the genes of T-even type Escherichia coli phages encoding the receptor recognizing protein of the long tail fibers. Riede I, et al. MGG 1984;195(1–2):144–52

Genetic analysis of uxuR and exuR genes: evidence for ExuR and UxuR monomer repressors interactions. Ritzenthaler P, et al. MGG 1985;199(3):507–11

Anomalous expression of the E. coli lac operon in Proteus mirabilis. I. Effects of L8 and L8 UV5. Roberts M, et al. MGG 1984;198(1):159–65

Tn1721-encoded resolvase: structure of the tnpR gene and its in vitro functions. Rogowsky P, et al. MGG 1985;200(1):176–81

Genetic analysis of essential genes in the ftsE region of the Escherichia coli genetic map and identification of a new cell division gene, ftsS. Salmond GP, et al. MGG 1984;197(2):304–8

Nitrofurantoin-resistant mutants of Escherichia coli: isolation and mapping. Sastry SS, et al. MGG 1984;196(2):379–80

Unstable mutations caused by regional tandem multiplications in the gene for ribosomal protein S4 show thermosensitivity in Escherichia coli. Schnier J, et al. MGG 1985;199(2):265–70

Insertion of IS1 into the rpsE gene for ribosomal protein S5 causes cold-sensitivity in Escherichia coli. Schnier J, et al. MGG 1984;195(1–2):364–6

Characterization of the ugp region containing the genes for the phoB dependent sn-glycerol-3-phosphate transport system of Escherichia coli. Schweizer H, et al. MGG 1984;197(1):161–8

Stability of ribosomal protein mRNA and translational feedback regulation in Escherichia coli. Singer P, et al. MGG 1985;199(3):543–6

SOS induction by thermosensitive replication mutants of miniF plasmid. Sommer S, et al. MGG 1985;198(3):456–64

Transcription analysis of the sucAB, aceEF and lpd genes of Escherichia coli. Spencer ME, et al. MGG 1985;200(1):145–54

Nucleotide sequence of the gene for Escherichia coli ribosomal protein S15 (rpsO). Takata R, et al. MGG 1984;197(2):225–9

Isolation of a Serratia marcescens mutant which is an efficient recipient for the E. coli episome. Takata R, et al. MGG 1984;197(3):517–8

Negative control of oriC plasmid replication by transcription of the oriC region. Tanaka M, et al. MGG 1985;200(1):21–6

Identification of a gene, tir of R100, functionally homologous to the F3 gene of F in the inhibition of RP4 transfer. Tanimoto K, et al. MGG 1985;198(2):356–7

Additional genes essential for replication of the mini-F plasmid from origin I. Tanimoto K, et al. MGG 1985;198(2):358–9

An essential gene for replication of the mini-F plasmid from origin I. Tanimoto K, et al. MGG 1984;196(1):59–63

In vivo transcription from deletion mutations introduced near Escherichia coli ribosomal RNA promoter P2. Thayer GC, et al. MGG 1985;199(1):55–8

Molecular cloning and characterisation of the gua regulatory region of Escherichia coli K12. Thomas MS, et al. MGG 1984;195(1–2):238–45

Genetic control of damage-inducible restriction alleviation in Escherichia coli K12: an SOS function not repressed by lexA. Thoms B, et al. MGG 1984;197(2):297–303

Isolation and characterization of regulatory mutations affecting the expression of the guaBA operon of Escherichia coli K-12. Tiedeman AA, et al. MGG 1984;195(1–2):77–82

Mutant of Escherichia coli with unusual patterns of rpoB,C expression in response to rifampicin and acridine orange. Tittawella IP. MGG 1985;200(1):114–7

Isolation and physical mapping of temperature-sensitive mutants defective in heat-shock induction of proteins in Escherichia coli. Tobe T, et al. MGG 1984;195(1–2):10–6

Cloning of phoM, a gene involved in regulation of the synthesis of phosphate limitation inducible proteins in Escherichia coli K12. Tommassen J, et al. MGG 1984;195(1–2):190–4

Gene encoding a hybrid OmpF--PhoE pore protein in the outer membrane of Escherichia coli K12. Tommassen J, et al. MGG 1984;197(3):503–8

dnaA suppressor (dasF) mutants of Escherichia coli are stable DNA replication (sdrA/rnh) mutants. Torrey TA, et al. MGG 1984;196(2):350–5

DNA sequences specifying the transcription of the streptococcal kanamycin resistance gene in Escherichia coli and Bacillus subtilis. Trieu-Cuot P, et al. MGG 1985;198(2):348–52

Competition between isogenic mutS and mut+ populations of Escherichia coli K12 in continuously growing cultures. Tröbner W, et al. **MGG** 1984;198(1):175-6

Selection against hypermutability in Escherichia coli during long term evolution. Tröbner W, et al. **MGG** 1984; 198(1):177-8

Isolation and characterization of rho mutants of Escherichia coli with increased transcription termination activities. Tsurushita N, et al. **MGG** 1984;196(3):458-64

Isolation and characterization of spontaneous srl-recA deletion mutants in Escherichia coli K-12. Turner PC, et al. **MGG** 1984;196(2):356-9

Direct plasmid transfer from replica-plated E. coli colonies to competent B. subtilis cells. Identification of an E. coli clone carrying the hisH and tyrA genes of B. subtilis. van Randen J, et al. **MGG** 1984;195(1-2):57-61

Identification of the dadX gene coding for the predominant isozyme of alanine racemase in Escherichia coli K12. Wild J, et al. **MGG** 1985;198(2):315-22

On the statistical significance of homologous structures among the Escherichia coli ribosomal proteins. Wittmann-Liebold B, et al. **MGG** 1984;196(3):439-48

Escherichia coli alpha-haemolysin synthesis and export genes are flanked by a direct repetition of IS91-like elements. Zabala JC, et al. **MGG** 1984;197(1):90-7

Bacteriophage lambda replication proteins: formation of a mixed oligomer and binding to the origin of lambda DNA. Zylicz M, et al. **MGG** 1984;196(3):401-6

Interactions of bacteriophage and host macromolecules in the growth of bacteriophage lambda. Friedman DI, et al. **Microbiol Rev** 1984 Dec;48(4):299-325 (283 ref.)

Multiregulatory element of filamentous bacteriophages. Zinder ND, et al. **Microbiol Rev** 1985 Jun;49(2):101-6 (90 ref.)

Properties of an E. coli O26 mutant with modified cell wall and improved efficiency as recipient in conjugation for an FII plasmid. Molina AM, et al. **Microbiologica** 1984 Jul; 7(3):203-8

Influence of the genetic background on cell division and cell lysis: behaviour of different Escherichia coli strains carrying the ts-52 or the ftsA-3 mutation. Tormo A, et al. **Microbios** 1985;42(168):111-7

The biosynthesis of the histidine-rich protein of Plasmodium lophurae and the cloning of its gene in Escherichia coli. Kilejian A, et al. **Mol Biochem Parasitol** 1985 Jan;14(1):1-10

Hygromycin B phosphotransferase as a selectable marker for DNA transfer experiments with higher eucaryotic cells. Blochlinger K, et al. **Mol Cell Biol** 1984 Dec;4(12):2929-31

Stimuli that induce a yeast heat shock gene fused to beta-galactosidase. Brazzell C, et al. **Mol Cell Biol** 1984 Dec;4(12):2573-9

Plasmid-directed synthesis of genuine adenovirus 2 early-region 1A and 1B proteins in Escherichia coli. Ko JL, et al. **Mol Cell Biol** 1984 Aug;4(8):1427-39

BK virus-plasmid expression vector that persists episomally in human cells and shuttles into Escherichia coli. Milanesi G, et al. **Mol Cell Biol** 1984 Aug;4(8):1551-60

Error-prone mutagenesis detected in mammalian cells by a shuttle vector containing the supF gene of Escherichia coli. Sarkar S, et al. **Mol Cell Biol** 1984 Oct;4(10):2227-30

Transfer of herpes simplex virus thymidine kinase synthesized in bacteria by a high-expression plasmid to tissue culture cells by protoplast fusion. Waldman AS, et al. **Mol Cell Biol** 1984 Aug;4(8):1644-6

Mutational and recombinational events in carcinogen-modified plasmid DNA. Influence of host-cell repair genes. Abbott PJ. **Mutat Res** 1985 Jan-Mar; 145(1-2):25-34

Isolation and analysis of a mutant of Escherichia coli hyper-resistant to near-ultraviolet light plus 8-methoxypsoralen. Ahmad SI, et al. **Mutat Res** 1985 Aug; 151(1):43-7

Mutation induction in Escherichia coli incubated in the reaction mixture of NADPH-dependent lipid peroxidation of rat-liver microsomes. Akasaka S, et al. **Mutat Res** 1985 May;149(3):321-6

The resistance of E. coli cultivated in low concentrations of dichlorvos to N-methyl-N'-nitro-N-nitrosoguanidine induced mutagenesis. Alldrick AJ, et al. **Mutat Res** 1985 Jan-Feb;142(1-2):1-4

Further characterization of SOS system induction in recBC mutants of Escherichia coli. Barbé J, et al. **Mutat Res** 1985 Jul;146(1):23-32

Effect of L-ethionine on the expression of the SOS system in Escherichia coli. Barbé J, et al. **Mutat Res** 1984 Dec; 129(3):319-25

The specificity of base-pair substitution induced by the mutL and mutS mutators in E. coli. Choy HE, et al. **Mutat Res** 1985 Mar;142(3):93-7

Paradoxical behaviour of pKM101; inhibition of uvr-independent crosslink repair in Escherichia coli by muc gene products. Cupido M, et al. **Mutat Res** 1985 Jan-Mar;145(1-2):49-53

UV-mutagenesis at a cloned target sequence: converted suppressor mutation is insensitive to mutation frequency decline regardless of the gene orientation. Engstrom J, et al. **Mutat Res** 1984 Nov-Dec;132(5-6):143-52

Repair of platinum-DNA lesions in E. coli by a pathway which does not recognize DNA damage caused by MNNG or UV light. Germanier M, et al. **Mutat Res** 1985 Jan-Mar; 145(1-2):35-41

Genetic control of heat resistance and thermotolerance by recA and uvrA in E. coli K12. Grecz N, et al. **Mutat Res** 1985 May;145(3):113-8

Effect of deficiency in excision repair and umuC function on the mutagenicity with ethylene oxide in the lacI gene of E. coli. Kolman A. **Mutat Res** 1985 Jul;146(1):43-6

Mutagenicity of nitropyrenes for Escherichia coli: requirement for increased cellular permeability. McCoy EC, et al. **Mutat Res** 1985 Apr;142(4):163-7

A system to determine basepair substitutions at the molecular level, based on restriction enzyme analysis; influence of the muc genes of pKM101 on the specificity of mutation induction in E. coli. Mattern IE, et al. **Mutat Res** 1985 Jan-Feb;148(1-2):35-45

An assessment of the importance of error-prone repair and point mutations to forward mutation to L-azetidine-2-carboxylic acid resistance in Escherichia coli. Mitchell ID, et al. **Mutat Res** 1985 May;149(3):303-10

Regulation of expression of the cloned ada gene in Escherichia coli. Nakabeppu Y, et al. **Mutat Res** 1985 Sep; 146(2):155-67

Protective effect of R-factor plasmid pKM101 on lethal damage by UV and chemical mutagens in E. coli strains with different DNA-repairing capacities. Nunoshiba T, et al. **Mutat Res** 1984 Nov-Dec;141(3-4):135-9

On mutation fixation resulting from nitrosoguanidine-induced DNA damage in Escherichia coli K12 ada-. Orrego C, et al. **Mutat Res** 1985 Sep; 146(2):185-9

Involvement of DNA lesions and SOS functions in 5-bromouracil-induced mutagenesis. Pietrzykowska I, et al. **Mutat Res** 1985 May;149(3):287-96

The SOS Chromotest, a colorimetric bacterial assay for genotoxins: procedures. Quillardet P, et al. **Mutat Res** 1985 Jun;147(3):65-78

Interspecies regulation of the SOS response by the E. coli lexA+ gene. Sedgwick SG, et al. **Mutat Res** 1985 May; 145(3):103-6

A minor pathway of postreplication repair in Escherichia coli is independent of the recB, recC and recF genes. Sharma RC, et al. **Mutat Res** 1985 Sep;146(2):169-76

A mechanism for rich-medium inhibition of the repair of daughter-strand gaps in the deoxyribonucleic acid of UV-irradiated Escherichia coli K12 uvrA. Sharma RC, et al. **Mutat Res** 1985 Sep;146(2):177-83

Influence of the recB21 mutation of Escherichia coli K12 on prophage lambda induction. Simić D, et al. **Mutat Res** 1985 Apr 142(4):159-62

Interaction of a mutator with a mutationally stable genetic system in Escherichia coli. Singh A, et al. **Mutat Res** 1985 Jul;143(3):191-3

Cross-linking studies with the uvrA and uvrB proteins of E. coli. Strike P, et al. **Mutat Res** 1985 Jan-Mar; 145(1-2):43-8

Frameshift mutagenesis by 9-aminoacridine and ICR191 in Escherichia coli: effects of uvrB, recA and lexA mutations and of plasmid pKM101. Thomas SM, et al. **Mutat Res** 1985 Aug;151(1):49-56

Role of the umuC gene in postreplication repair in UV-irradiated Escherichia coli K-12 uvrB. Wang TC, et al. **Mutat Res** 1985 May;145(3):107-12

Azaserine: further evidence for DNA damage in Escherichia coli. Williams-Hill DM, et al. **Mutat Res** 1984 Nov; 129(2):153-64

Weigle reactivation of phage lambda in a recA mutant of Escherichia coli: dependence on the excess amounts of photoreactivating enzyme in the dark. Yamamoto K, et al. **Mutat Res** 1985 May;145(3):137-44

A loss of uvrA function decreases the induction of the SOS functions recA and umuC by mitomycin C in Escherichia coli. Yamamoto K, et al. **Mutat Res** 1985 May; 149(3):297-302

Gal-Gal binding and hemolysin phenotypes and genotypes associated with uropathogenic Escherichia coli. O'Hanley P, et al. **N Engl J Med** 1985 Aug 15;313(7):414-20

A bacterial repressor protein or a yeast transcriptional terminator can block upstream activation of a yeast gene. Brent R, et al. **Nature** 1984 Dec 13-19;312(5995):612-5

DNA recombination: resolution of intermediates [news] Craig NL. **Nature** 1984 Oct 25-31;311(5988):706-7

Mutations that alter the DNA sequence specificity of the catabolite gene activator protein of E. coli. Ebright RH, et al. **Nature** 1984 Sep 20-26;311(5983):232-5

Inhibition of the Prausnitz-Küstner reaction by an immunoglobulin epsilon-chain fragment synthesized in E. coli. Geha RS, et al. **Nature** 1985 Jun 13-19; 315(6020):577-8

Major surface antigen gene of a human malaria parasite cloned and expressed in bacteria. Hall R, et al. **Nature** 1984 Sep 27-Oct 3;311(5984):379-82

Resolution of synthetic att-site Holliday structures by the integrase protein of bacteriophage lambda. Hsu PL, et al. **Nature** 1984 Oct 25-31;311(5988):721-6

Detection in vivo of protein-DNA interactions within the lac operon of Escherichia coli. Nick H, et al. **Nature** 1985 Feb 28-Mar 6;313(6005):795-8

A developmental gene product of Bacillus subtilis homologous to the sigma factor of Escherichia coli. Stragier P, et al. **Nature** 1984 Nov 22-28;312(5992):376-8

Selective advantage of polA1 mutator over polA+ strains of Escherichia coli in a chemostat. Tröbner W, et al. **Naturwissenschaften** 1985 Jul;72(7):377-8

Incompatibility groups of R plasmids in Escherichia coli isolated from animal waste. Hanzawa Y, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):453-7

Naturally occurring plasmid coding for heat-labile enterotoxin production and drug resistance from Escherichia coli strain of porcine origin. Ohmae K, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):125-8

The complete nucleotide sequence of the adenylate cyclase gene of Escherichia coli. Aiba H, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9427-40

Essential structure of E. coli promoter II. Effect of the sequences around the RNA start point on promoter function. Aoyama T, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):4085-96

Structural features of the hisT operon of Escherichia coli K-12. Arps PJ, et al. **Nucleic Acids Res** 1985 Jul 25; 13(14):5297-315

Nucleotide sequence of the alpha ribosomal protein operon of Escherichia coli. Bedwell D, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3891-903

Effect of superhelicity on the transcription from the tet promoter of pBR322. Abortive initiation and unwinding experiments. Bertrand-Burggraf E, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7741-52

Codon-defined ribosomal pausing in Escherichia coli detected by using the pyrE attenuator to probe the coupling between transcription and translation. Bonekamp F, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):4113-23

Overproduction of the EcoR V endonuclease and methylase. Bougueleret L, et al. **Nucleic Acids Res** 1985 Jun 11; 13(11):3823-39

Analysis of the regulatory region of the ssb gene of Escherichia coli. Brandsma JA, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5095-109

Optimizing the expression in E. coli of a synthetic gene encoding somatomedin-C (IGF-I). Buell G, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):1923-38

Evidence that pheV, a gene for tRNAPhe of E. coli is transcribed from tandem promoters. Caillet J, et al. **Nucleic Acids Res** 1985 May 24;13(10):3699-710

Improved oligonucleotide site-directed mutagenesis using M13 vectors. Carter P, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4431-43

Structure of the galactokinase gene of Escherichia coli, the last (?) gene of the gal operon. Debouck C, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):1841-53

Replacement and insertion of nucleotides at the anticodon loop of E. coli tRNAMetf by ligation of chemically synthesized ribooligonucleotides. Doi T, et al. **Nucleic Acids Res** 1985 May 24;13(10):3685-97

The ilvB locus of Escherichia coli K-12 is an operon encoding both subunits of acetohydroxyacid synthase I. Friden P, et al. **Nucleic Acids Res** 1985 Jun 11; 13(11):3979-93

Interaction of cyclic AMP receptor protein with the ilvB biosynthetic operon in E. coli. Friden P, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8145-60

Novel non-suppressing mutants of Escherichia coli tRNATyr su+3. Furdon P, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2583-601

Oligonucleotide directed mutagenesis of Escherichia coli 5S ribosomal RNA: construction of mutant and structural analysis. Göringer HU, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):6935-50

Inhibition and enhancement of phleomycin-induced DNA breakdown by aromatic tricyclic compounds. Grigg GW, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):9083-93

Nucleotide sequences of two serine tRNAs with a GGA anticodon: the structure-function relationships in the serine family of E. coli tRNAs. Grosjean H, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5697-706

Complete nucleotide sequence of the E. coli glutathione synthetase gsh-II. Gushima H, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9299-307

Cloned DNA sequences that determine mRNA stability of bacteriophage phi X174 in vivo are functional. Hayashi MN, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5937-48

The pathway of E. coli RNA polymerase-promoter complex formation as visualized by footprinting. Hofer B, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5995-6013

Up-promoter mutations in the lpp gene of Escherichia coli. Inouye S, et al. **Nucleic Acids Res** 1985 May 10; 13(9):3101-10

Promoter analysis of the phosphoenolpyruvate carboxylase gene of Escherichia coli. Izui K, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):59-71

Diphtheria toxin promoter function in Corynebacterium diphtheriae and Escherichia coli. Kaczorek M, et al. **Nucleic Acids Res** 1985 May 10;13(9):3147-59

Host transfer RNA cleavage and reunion in T4-infected Escherichia coli CTr5x. Kaufmann G, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4333-41

Structure and transcription of the tRNAPro1 gene from Escherichia coli. Kuchino Y, et al. **Nucleic Acids Res** 1985 May 10;13(9):3213-20

Comparative nucleotide sequences encoding the immunity proteins and the carboxyl-terminal peptides of colicins E2 and E3. Lau PC, et al. **Nucleic Acids Res** 1984 Nov 26; 12(22):8733-45

Cloning with tandem gene systems for high level gene expression. Lee N, et al. **Nucleic Acids Res** 1984 Sep 11; 12(17):6797-812

The sequence of the distal end of the E. coli ribosomal RNA rrnE operon indicates conserved features are shared by rrn operons. Liebke H, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5515–25

Methyl phosphotriesters in alkylated DNA are repaired by the Ada regulatory protein of E. coli. McCarthy TV, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2683–98

The DNA sequence of the gene (rnc) encoding ribonuclease III of Escherichia coli. March PE, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4677–85

Cloning of the E. coli O6-methylguanine and methylphosphotriester methyltransferase gene using a functional DNA repair assay. Margison GP, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):1939–52

The nucleotide sequence of the B gene of bacteriophage Mu. Miller JL, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8627–38

The extent of DNA sequence required for a functional bacterial attachment site of phage lambda. Mizuuchi M, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1193–208

Effect of NusA protein on expression of the nusA,infB operon in E. coli. Plumbridge JA, et al. **Nucleic Acids Res** 1985 May 10;13(9):3371–88

Codon usage can affect efficiency of translation of genes in Escherichia coli. Robinson M, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6663–71

Expression of polyoma early gene products in E. coli. Schaffhausen B, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):501–19

A bidirectionally active signal for termination of transcription is located between tetA and orfL on transposon Tn10. Schollmeier K, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4227–37

Deletion of C-terminal amino acid codons of PhiX174 gene E: effect on its lysis inducing properties. Schüller A, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):4143–53

The secondary structure of mRNAs from Escherichia coli: its possible role in increasing the accuracy of translation. Shpaer EG. **Nucleic Acids Res** 1985 Jan 11;13(1):275–88

Site-specificity of abnormal excision: the mechanism of formation of a specialized transducing bacteriophage lambda plac5. Shpakovski GV, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6779–95

Escherichia coli 23S ribosomal RNA truncated at its 5' terminus. Sirdeshmukh R, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1185–92

Ordered processing of Escherichia coli 23S rRNA in vitro. Sirdeshmukh R, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5041–54

Long range RNA-RNA interactions in the 30 S ribosomal subunit of E. coli. Spitnik-Elson P, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4719–38

Crosslinking transfer RNA and messenger RNA at the ribosomal decoding region: identification of the site of reaction on the messenger RNA. Steiner G, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8181–91

Analysis of a sequence region of 5S RNA from E. coli cross-linked in situ to the ribosomal protein L25. Szymkowiak C, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3953–68

Cloning and nucleotide sequence of the aspartase gene of Escherichia coli W. Takagi JS, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):2063–74

The influence of mRNA primary and secondary structure on human IFN-gamma gene expression in E. coli. Tessier LH, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7663–75

Nucleotide sequence of the guaB locus encoding IMP dehydrogenase of Escherichia coli K12. Tiedeman AA, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1303–16

Complete sequence of IS3. Timmerman KP, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):2127–39

Regulation of the Escherichia coli DNA topoisomerase I gene by DNA supercoiling. Tse-Dinh YC. **Nucleic Acids Res** 1985 Jul 11;13(13):4751–63

Nucleotide sequence of the repressor gene of the RA1 tetracycline resistance determinant: structural and functional comparison with three related Tet repressor genes. Unger B, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7693–703

The primary structure of the DeoR repressor from Escherichia coli K-12. Valentin-Hansen P, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5927–36

Analysis of regulatory sequences upstream of the E. coli uvrB gene; involvement of the DnaA protein. van den Berg EA, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):1829–40

Analysis of a cloned colicin Ib gene: complete nucleotide sequence and implications for regulation of expression. Varley JM, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6727–39

The mac promoters: functional hybrid promoters activated by the malT product and repressed by the lacI product. Vidal-Ingigliardi D, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1163–72

A convenient technique to compare the efficiency of promoters in Escherichia coli. Vidal-Ingigliardi D, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5919–26

A model for the non-specific binding of catabolite gene activator protein to DNA. Weber IT, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8475–87

The nucleotide sequence of the ilvBN operon of Escherichia coli: sequence homologies of the acetohydroxy acid synthase isozymes. Wek RC, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3995–4010

Deletion analysis of the Escherichia coli lactose promoter P2. Yu XM, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2457–68

Structure of the Escherichia coli S10 ribosomal protein operon. Zurawski G, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4521–6

Structural and functional analysis of Escherichia coli ribosomes containing small deletions around position 1760 in the 23S ribosomal RNA. Zweib C, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7135–52

Evolutionary coorigin of the RNA polymerase sigma factor and the lambda repressor inferred from gene nucleotide sequence homologies. Ohnishi K. **Nucleic Acids Symp Ser** 1984;(15):189–92

Transfer systems of K88 and K99 plasmids. Bradley DE. **Plasmid** 1985 Mar;13(2):118–28

A selection system for unequal crossing-over: plasmid construction and initial studies in Escherichia coli. Clevenger W, et al. **Plasmid** 1985 May;13(3):193–9

Analysis of the R16 plasmid primase gene. Dalrymple BP, et al. **Plasmid** 1984 Nov;12(3):206–10

Plasmids related to the broad host range vector, pRK290, useful for gene cloning and for monitoring gene expression. Ditta G, et al. **Plasmid** 1985 Mar;13(2):149–53

Location of rep and inc sequences in the F secondary replicon. Gardner R, et al. **Plasmid** 1985 Mar;13(2):145–8

Physical and genetic characterization of the IncI plasmid R144-drd3. Hartskeerl RA, et al. **Plasmid** 1984 Nov;12(3):215–7

Nucleotide sequence analysis of a gene encoding a streptomycin/spectinomycin adenylyltransferase. Hollingshead S, et al. **Plasmid** 1985 Jan;13(1):17–30

Control of replication of FII plasmids: comparison of the basic replicons and of the copB systems of plasmids R100 and R1. Nordström M, et al. **Plasmid** 1985 Mar;13(2):81–7

Identification of an Rts1 DNA fragment conferring temperature-dependent instability to vector plasmids. Okawa N, et al. **Plasmid** 1985 Mar;13(2):88–98

Transcription signals in a region essential for replication of plasmid R6K. Shafferman A, et al. **Plasmid** 1985 Jan;13(1):51–8

A two-stage molecular model for control of mini-F replication. Trawick JD, et al. **Plasmid** 1985 Jan;13(1):59–69

Plasmid-borne streptothricin resistance in gram-negative bacteria. Tschäpe H, et al. **Plasmid** 1984 Nov;12(3):189–96

Expression of cloned plasmid regions encoding colonization factor antigen I (CFA/I) in Escherichia coli. Willshaw GA, et al. **Plasmid** 1985 Jan;13(1):8–16

Regions of homology in small colicinogenic plasmids. Zverev VV, et al. **Plasmid** 1984 Nov;12(3):203–5

Processing of complex heteroduplexes in Escherichia coli and Cos-1 monkey cells. Abastado JP, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5792–6

An invertible element of DNA controls phase variation of type 1 fimbriae of Escherichia coli. Abraham JM, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5724–7

Mini-F plasmid-induced SOS signal in Escherichia coli is RecBC dependent. Bailone A, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5973–7

Essential site for growth rate-dependent regulation within the Escherichia coli gnd structural gene. Baker HV 2d, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7669–73

A gene regulating the heat shock response in Escherichia coli also affects proteolysis. Baker TA, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6779–83

Escherichia coli transcription termination factor rho has a two-domain structure in its activated form. Bear DG, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1911–5

Identification and characterization of a new transcriptional termination factor from Escherichia coli. Briat JF, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7373–7

Mutagenic repair in Escherichia coli: products of the recA gene and of the umuD and umuC genes act at different steps in UV-induced mutagenesis. Bridges BA, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4193–7

Isolation and nucleotide sequencing of lactose carrier mutants that transport maltose. Brooker RJ, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):3959–63

Regulation of ribosomal RNA promoters with a synthetic lac operator. Brosius J, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6929–33

A new class of Escherichia coli recBC mutants: implications for the role of RecBC enzyme in homologous recombination. Chaudhury AM, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7850–4

Consensus sequence for Escherichia coli heat shock gene promoters. Cowing DW, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2679–83

Extension of bacteriophage lambda host range: selection, cloning, and characterization of a constitutive lambda receptor gene. de Vries GE, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6080–4

Specialized nucleoprotein structures at the origin of replication of bacteriophage lambda: complexes with lambda O protein and with lambda O, lambda P, and Escherichia coli DnaB proteins. Dodson M, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4678–82

Molecular basis of DNA sequence recognition by the catabolite gene activator protein: detailed inferences from three mutations that alter DNA sequence specificity. Ebright RH, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7274–8

Dual role for Escherichia coli RecA protein in SOS mutagenesis. Ennis DG, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3325–9

Genetic recombination can generate altered restriction specificity. Fuller-Pace FV, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6095–9

Heat shock regulatory gene htpR influences rates of protein degradation and expression of the lon gene in Escherichia coli. Goff SA, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6647–51

Escherichia coli translational initiation factor IF3: a unique case of translational regulation. Gold L, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7061–5

Plasmid transfer from Escherichia coli to Bacteroides fragilis: differential expression of antibiotic resistance phenotypes. Guiney DG, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7203–6

Protein RepC is involved in copy number control of the broad host range plasmid RSF1010. Haring V, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6090–4

Deletion of the terminus region (340 kilobase pairs of DNA) from the chromosome of Escherichia coli. Henson JM, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3766–70

Mechanism of toxin secretion by Vibrio cholerae investigated in strains harboring plasmids that encode heat-labile enterotoxins of Escherichia coli. Hirst TR, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7752–6

Antitermination by both the promoter and the leader regions of an Escherichia coli ribosomal RNA operon. Holben WE, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5073–7

Antitermination of transcription from an Escherichia coli ribosomal RNA promoter. Holben WE, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6789–93

Synthesis of a gene for human growth hormone and its expression in Escherichia coli. Ikehara M, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5956–60

Affecting gene expression by altering the length and sequence of the 5' leader. Johansen H, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7698–702

Mutational studies with the trp repressor of Escherichia coli support the helix-turn-helix model of repressor recognition of operator DNA. Kelley RL, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):483–7

Structural analysis of the umu operon required for inducible mutagenesis in Escherichia coli. Kitagawa Y, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4336–40

Envelope proteins of human T-cell leukemia virus: expression in Escherichia coli and its application to studies of env gene functions. Kiyokawa T, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6202–6

Alternative conformations in Escherichia coli 16S ribosomal RNA. Klein BK, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3539–42

Absence of RNase H allows replication of pBR322 in Escherichia coli mutants lacking DNA polymerase I. Kogoma T. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7845–9

Cloning and expression of the Rickettsia prowazekii ADP/ATP translocator in Escherichia coli. Krause DC, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):3015–9

Cloning of terminal transferase cDNA by antibody screening. Landau NR, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5836–40

Translation activates the paused transcription complex and restores transcription of the trp operon leader region. Landick R, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4663–7

Initiation of DNA replication on single-stranded DNA templates catalyzed by purified replication proteins of bacteriophage lambda and Escherichia coli. LeBowitz JH, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):3988–92

Demonstration of two operator elements in gal: in vitro repressor binding studies. Majumdar A, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6100–4

Chemical synthesis of a gene encoding the human complement fragment C5a and its expression in Escherichia coli. Mandecki W, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3543–7

The Escherichia coli supX locus is topA, the structural gene for DNA topoisomerase I. Margolin P, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5437–41

Cloning of Physarum actin sequences in an exonuclease-deficient bacterial host. Nader WF, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2698–702

Initiation of enzymatic replication at the origin of the Escherichia coli chromosome: contributions of RNA polymerase and primase. Ogawa T, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3562–6

In vitro regulation of phage lambda cII gene expression by Escherichia coli integration host factor. Peacock S, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6009–13

umuDC and mucAB operons whose products are required for UV light- and chemical-induced mutagenesis: UmuD, MucA, and LexA proteins share homology. Perry KL, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4331–5

Anti-mRNA: specific inhibition of translation of single mRNA molecules. Pestka S, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7525–8

Molecular cloning of staphylococcal enterotoxin B gene in Escherichia coli and Staphylococcus aureus. Ranelli DM, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5850–4

Translational efficiency of the Escherichia coli adenylate cyclase gene: mutating the UUG initiation codon to GUG or AUG results in increased gene expression. Reddy P, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5656-60

Expression in Escherichia coli of a fusion protein product containing a region of the adenovirus DNA polymerase. Rekosh D, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2354-8

Sequence of the initiation factor IF2 gene: unusual protein features and homologies with elongation factors. Sacerdot C, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7787-91

Enhanced recombination between lambda plac5 and F42lac: identification of cis- and trans-acting factors. Seifert HS, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7500-4

Defective antitermination of rRNA transcription and derepression of rRNA and tRNA synthesis in the nusB5 mutant of Escherichia coli. Sharrock RA, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5275-9

Isolation and characterization of the product of the methionine-regulatory gene metJ of Escherichia coli K-12. Smith AA, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6104-8

Topological repression of gene activity by a transposable element. Stokes HW, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6115-9

Expression of enzymatically active reverse transcriptase in Escherichia coli. Tanese N, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4944-8

Multiple initiation sites of DNA replication flanking the origin region of lambda dv genome. Tsurimoto T, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7402-6

Expression of a cloned denV gene of bacteriophage T4 in Escherichia coli. Valerie K, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4763-7

Initiation of enzymatic replication at the origin of the Escherichia coli chromosome: primase as the sole priming enzyme. van der Ende A, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):3954-8

The replication initiator protein of plasmid pSC101 is a transcriptional repressor of its own cistron. Vocke C, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2252-6

Molecular cloning of the gene for the RNA-processing enzyme RNase III of Escherichia coli. Watson N, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):849-53

Homology requirements for recombination in Escherichia coli. Watt VM, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4768-72

Involvement of the activated form of RecA protein in SOS mutagenesis and stable DNA replication in Escherichia coli. Witkin EM, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7539-43

Propagation of some human DNA sequences in bacteriophage lambda vectors requires mutant Escherichia coli hosts. Wyman AR, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2880-4

Heat shock regulatory gene (htpR) of Escherichia coli is required for growth at high temperature but is dispensable at low temperature. Yura T, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6803-7

Mutagenesis of Escherichia coli (CSH50) by asbestos. Cleveland MG. **Proc Soc Exp Biol Med** 1984 Nov;177(2):343-6

Ultraviolet radiation-induced derepression of the lactose operon of E. coli: in vitro studies. Spodheim-Maurizot M, et al. **Prog Clin Biol Res** 1985;172A:401-8

Proposal to clone Shiga-like toxin gene from E. coli. **Recomb DNA Tech Bull** 1984 Sep;7(3):130-41

The effect of colonizing mice with laboratory and wild type strains of E. coli containing tumor virus genomes. Smith C Jr, et al. **Recomb DNA Tech Bull** 1985 Jun;8(2):47-51

Expression of surface antigen gene of human hepatitis B virus serotype adr in Escherichia coli. Ao SZ, et al. **Sci Sin [B]** 1985 Jun;28(6):618-25

Expression of the chlamydial genus-specific lipopolysaccharide epitope in Escherichia coli. Nano FE, et al. **Science** 1985 May 10;228(4700):742-4

Coupling of Tetrahymena ribosomal RNA splicing to beta-galactosidase expression in Escherichia coli. Price JV, et al. **Science** 1985 May 10;228(4700):719-22

Shuttling of integrated vectors from mammalian cells to E. coli is mediated by head-to-tail multimeric inserts. Lutfalla G, et al. **Somatic Cell Mol Genet** 1985 May;11(3):223-38

Biochemical characterization of E. coli transconjugants with plasmids derived from Klebsiella pneumoniae. Bow H. **Southeast Asian J Trop Med Public Health** 1985 Mar;16(1):98-103

A phi 80 function inhibitory for growth of lambdoid phage in him mutants of Escherichia coli deficient in integration host factor. I. Genetic analysis of the Rha phenotype. Mozola MA, et al. **Virology** 1985 Jan 30;140(2):313-27

Reinitiation during lambda DNA replication resulting from either cis-Pt treatment or infection of a P2 lysogenic strain. Schnös M, et al. **Virology** 1985 Sep;145(2):304-12

Alterations of the bacteriophage T7 and T3 DNA packaging pathway in Escherichia coli mutant TSN B. Serwer P, et al. **Virology** 1985 Jan 15;140(1):80-90

Plasmid-phage recombination in T7 infected Escherichia coli. Stone JC, et al. **Virology** 1984 Sep;137(2):305-13

Involvement of the htpR gene product of Escherichia coli in phage lambda development. Waghorne C, et al. **Virology** 1985 Feb;141(1):51-64

An analysis of DNA repair and recombination functions of bacteriophage T4 by means of suppressors: the role of das. Wakem LP, et al. **Virology** 1984 Sep;137(2):324-30

The coupling of DNA repair-recombination functions with DNA replication in bacteriophage T4: a new DNA repair mutant. Wakem LP, et al. **Virology** 1984 Sep;137(2):338-46

A new suppressor of mutations in the DNA repair-recombination genes of bacteriophage T4: sur. Wakem LP, et al. **Virology** 1984 Sep;137(2):331-7

Thoughts of the medical microbiologist on the use of antimicrobial drugs in animals. Lebek G. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Oct;258(1):135-40

[Enterotoxin plasmids trausmission of Escherichia coli] Lin CS. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1985 Jan;19(1):11-3 (Eng. Abstr.) (Chi)

[Topological isomers of pBR322 DNA in vivo] Huang XT, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb;7(1):20-4 (Eng. Abstr.) (Chi)

[Stability without selection pressure of the plasmid pTG 201 during continuous fermentation of Escherichia coli BZ 18 immobilized in a carrageenan gel] de Taxis du Poët P, et al. **C R Acad Sci [III]** 1984;299(11):481-6 (Eng. Abstr.) (Fre)

[Genetic causes of possible pathogenicity factors of urinary tract strains (E. coli)] Tschäpe H, et al. **Z Urol Nephrol** 1984 Jul;77(7):407-13 (Eng. Abstr.) (Ger)

[Genes controlling extracellular secretion by Escherichia coli and pharmaceutical biotechnology] Kudo T, et al. **Nippon Rinsho** 1984 Sep;42(9):2153-65 (26 ref.) (Jpn)

[Association of replicon with envelope: the ori C-membrane complex in E. coli] Yamaki H, et al. **Seikagaku** 1985 Jan;57(1):20-9 (59 ref.) (Jpn)

[Functions and structure of the recA protein of Escherichia coli (I)] Horii T, et al. **Tanpakushitsu Kakusan Koso** 1984 Nov;29(11):841-52 (137 ref.) (Jpn)

[Regulation of transcription termination in E. coli: antitermination] Ishii S, et al. **Tanpakushitsu Kakusan Koso** 1985 Mar;30(3):197-208 (46 ref.) (Jpn)

[Role of the conjugative transfer of R-plasmids in competitive interactions between plasmid-containing and plasmid-free strains of Escherichia coli in continuous culture] Boronin AM, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):22-7 (Eng. Abstr.) (Rus)

[Cis-active function of plasmid R 57 resolving co-integrates formed during transposition of ISI-elements] Danilevich VN. **Antibiot Med Biotekhnol** 1985 Mar;30(3):166-70 (Eng. Abstr.) (Rus)

[Primary structure of the elongation factor G from Escherichia coli. V. Amino acid sequence of the C-terminal domain] Alakhov IuB, et al. **Bioorg Khim** 1983 Mar;9(3):293-303 (Eng. Abstr.) (Rus)

[Primary structure of the elongation factor G from Escherichia coli. VIII. Structure of tryptic peptides comprising the T4 fragment of limited trypsinolysis of the G-factor] Alakhov IuB, et al. **Bioorg Khim** 1983 Mar;9(3):330-42 (Eng. Abstr.) (Rus)

[Primary structure of the elongation factor G from Escherichia coli. VII. Study of peptides generated during hydrolysis of the T4 fragment by glutamic proteinase from Staphylococcus aureus] Alakhov IuB, et al. **Bioorg Khim** 1983 Mar;9(3):315-29 (Eng. Abstr.) (Rus)

[Primary structure of the elongation factor G from Escherichia coli. VI. Structure of peptides of cyanogen bromide cleavage of the G-factor molecule] Alakhov IuB, et al. **Bioorg Khim** 1983 Mar;9(3):304-14 (Eng. Abstr.) (Rus)

[Primary structure of the E. coli DNA region preceding the tryptophan operon genes] Gubanov VV, et al. **Bioorg Khim** 1984 Mar;10(3):415-7 (Eng. Abstr.) (Rus)

[Plasmid vectors with a semi-synthetic beta-galactosidase gene of E. coli] Korobko VG, et al. **Bioorg Khim** 1983 Sep;9(9):1285-9 (Eng. Abstr.) (Rus)

[A plasmid vector with temperature-controlled gene expression] Kravchenko VV, et al. **Bioorg Khim** 1985 Apr;11(4):523-33 (Eng. Abstr.) (Rus)

[Localization of mutation leading to resistance of E. coli RNA polymerase to the antibiotic streptolydigin in the gene rpoB coding for the beta-subunit of the enzyme] Lisitsyn NA, et al. **Bioorg Khim** 1985 Jan;11(1):132-4 (Eng. Abstr.) (Rus)

[Nucleotide substitutions in the rpoB gene leading to rifampicin resistance of E. coli RNA polymerase] Lisitsyn NA, et al. **Bioorg Khim** 1984 Jan;10(1):127-8 (Eng. Abstr.) (Rus)

[Primary structure of the elongation factor G from Escherichia coli. IX. Structure of peptides generated by cyanogen bromide cleavage of the G-factor isolated on thiol-activated sepharose and of the products of the G-factor cleavage at Asp-Pro bonds. Complete primary structure] Ovchinnikov IuA, et al. **Bioorg Khim** 1983 Mar;9(3):343-57 (Eng. Abstr.) (Rus)

[Unidirectional orientation of the rpo B gene of E. coli cloned into filamentous M13mp8 and M13WB2348 phages] Paton EB, et al. **Bioorg Khim** 1984 Nov;10(11):1544-7 (Eng. Abstr.) (Rus)

[Restriction map of the genetic transfer factor pAP42] Perera R, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):61-3 (Eng. Abstr.) (Rus)

[Structure and expression in Escherichia coli cells of the core antigen gene of the human hepatitis B virus (HBV)] Borisova GP, et al. **Dokl Akad Nauk SSSR** 1984;279(5):1245-9 (Rus)

[Rec A, lex A dependence of the action of penicillin G on Escherichia coli K-12] Levashev VS, et al. **Dokl Akad Nauk SSSR** 1985;280(2):502-4 (Rus)

[Expression of the human beta-interferon gene in E. coli cells] Mashko SV, et al. **Dokl Akad Nauk SSSR** 1985 May-Jun;282(1):210-5 (Rus)

[Cloning and expression of the structural gene of cellulolytic complex endoglucanase of Clostridium thermocellum phi 7 in Escherichia coli cells] Piruzian ES, et al. **Dokl Akad Nauk SSSR** 1985;281(4):963-5 (Rus)

[Synthesis and processing in Escherichia coli of human leukocyte interferon linked with the signal sequence of Bacillus amyloliquefaciens alpha-amylase] Sorokin AV, et al. **Dokl Akad Nauk SSSR** 1985;282(6):1490-3 (Rus)

[Characteristics of the gene expression of DNA methylase EcoK cloned in pBR 322] Zinkevich VE, et al. **Dokl Akad Nauk SSSR** 1985;282(4):993-5 (Rus)

[Genes of DNA methylase EcoK: their cloning and expression] Zinkevich VE, et al. **Dokl Akad Nauk SSSR** 1984;279(6):1493-6 (Rus)

[Enhancement of expression of Escherichia coli uridine phosphorylase gene as a result of duplication] Alkhimova RA, et al. **Genetika** 1985 May;21(5):756-62 (Eng. Abstr.) (Rus)

[Characteristics of the phenotypic manifestation of hpt and gpt mutations blocking 6-oxypurine utilization and their effect on the expression of catabolite-sensitive genes in the cells of an Escherichia coli K-12 purine auxotroph] Brikun IA, et al. **Genetika** 1985 Jun;21(6):902-13 (Eng. Abstr.) (Rus)

[Physical and genetic organization of the plasmid R15] Dobritsa AP, et al. **Genetika** 1985 May;21(5):748-55 (Eng. Abstr.) (Rus)

[Mechanism of non-tandem integration of prophage phi 80 into the chromosome of the wild-type Escherichia coli] Kholodii GIa, et al. **Genetika** 1985 May;21(5):707-15 (Eng. Abstr.) (Rus)

[Generation of deletions in the region of the crp gene on the Escherichia coli chromosome] Kulakauskas ST, et al. **Genetika** 1985 Jun;21(6):1068-9 (Eng. Abstr.) (Rus)

[Organization of the genes responsible for colicin Ib synthesis and immunity to it in plasmid ColIb-P9] Pshennikova ES, et al. **Genetika** 1985 Apr;21(4):541-7 (Eng. Abstr.) (Rus)

[Organization of the Escherichia coli genome] Sukhodolets VV. **Genetika** 1985 May;21(5):693-706 (70 ref.) (Eng. Abstr.) (Rus)

[Direct method of selecting LycA mutants of Escherichia coli K-12] Gol'denberg DS, et al. **Genetika (Moskva)** 1985 Feb;21(2):338-40 (Eng. Abstr.) (Rus)

[Integration of the related prophages lambda, phi 80 and their hybrid lambda att80 into the secondary chromosomal att sites of wild-type Escherichia coli] Kholodii GIa, et al. **Genetika (Moskva)** 1985 Jan;21(1):46-53 (Eng. Abstr.) (Rus)

[Regulator mutants for the synthesis of a 2d purine nucleoside phosphorylase in Escherichia coli K-12. II. Mapping and study of the dominance of pndR mutations] Kocharian AM, et al. **Genetika (Moskva)** 1985 Feb;21(2):220-8 (Eng. Abstr.) (Rus)

[Chromosomal inversion accompanied by an enhancement of uridine phosphorylase gene expression in Escherichia coli K-12] Kulakauskas ST, et al. **Genetika (Moskva)** 1985 Mar;21(3):375-83 (Eng. Abstr.) (Rus)

[Genetic activity of base analogs in Salmonella typhimurium and Escherichia coli and Saccharomyces cerevisiae] Pavlov IuI, et al. **Genetika (Moskva)** 1984 Aug;20(8):1270-8 (Eng. Abstr.) (Rus)

[Dominant mutations of rifampicin resistance in Escherichia coli K-12] Petrenik IF, et al. **Genetika (Moskva)** 1984 Nov;20(11):1798-810 (Eng. Abstr.) (Rus)

[Maintenance stability of the pBR322 and pBR327 vector plasmids in Escherichia coli cells during multiple passages] Potapova IA, et al. **Genetika (Moskva)** 1985 Feb;21(2):344-6 (Eng. Abstr.) (Rus)

[Induction of repetitive nucleotide sequences. The probable mechanisms of genome evolution and gene conversion] Salganik RI, et al. **Genetika (Moskva)** 1984 Aug;20(8):1244-54 (Eng. Abstr.) (Rus)

[Stability and dynamics of R-plasmids in Escherichia coli populations in continuous cultivation] Filonov AE, et al. **Mikrobiologiia** 1985 Mar-Apr;54(2):227-32 (Eng. Abstr.) (Rus)

[Contacts of ribosomal proteins with tRNAPhe and 16S RNA in analogs of the 30S initiation complex] Abdurashidova GG, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):553-7 (Eng. Abstr.) (Rus)

[Ribosomal proteins interacting with Phe-tRNAPhe during enzymatic binding with translating ribosome before and after the release of the elongation factor EF-Tu] Abdurashidova GG, et al. **Mol Biol (Mosk)** 1985 May-Jun;19(3):800-4 (Eng. Abstr.) (Rus)

[Isolation and characteristics of a temperature-sensitive plasmid pRP19.6—an RP1 derivative containing the duplicated IS21 sequence] Danilevich VN, et al. **Mol Biol (Mosk)** 1984 Jul-Aug;18(4):1111-20 (Eng. Abstr.) (Rus)

[Circular transcription map of the plasmid pBR322] Denisova LIa, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):537-44 (Eng. Abstr.) (Rus)

[Enzymatic mechanisms of degradation of DNA replication forks in vitro] Fradkin GE, et al. **Mol Biol (Mosk)** 1984

Nov-Dec;18(6):1518-23 (Eng. Abstr.) **(Rus)**

[tRNA-binding centers of Escherichia coli ribosomes and their structural organization] Karpova GG. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1194-207 (65 ref.) (Eng. Abstr.) **(Rus)**

[Binding of the yeast phenylalanine tRNA with Escherichia coli ribosomes. Effect of the removal of a modified base from the 3'-end of the anticodon on codon-anticodon interaction] Katunin VI, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1486-96 (Eng. Abstr.) **(Rus)**

[Interaction of Escherichia coli RNA-polymerase with DNA-duplexes containing repetitive sequences] Koroleva ON, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):516-23 (Eng. Abstr.) **(Rus)**

[A system of EcoRV restriction-modification: genes, enzymes and synthetic substrates] Kraev AS, et al. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):278-84 (Eng. Abstr.) **(Rus)**

[Directed modification of the Tcr gene region of the plasmid pBR322 using complementary single-stranded DNA fragments carrying alkylating groups] Mazin AV, et al. **Mol Biol (Mosk)** 1984 Jul-Aug;18(4):1081-9 (Eng. Abstr.) **(Rus)**

[Study of the regulation of colicin E1 and K synthesis] Rekesh AN, et al. **Mol Biol (Mosk)** 1984 Jul-Aug; 18(4):1042-52 (Eng. Abstr.) **(Rus)**

[Analysis of the primary structure of mRNA from Escherichia coli: occurrence of nucleotides on the 3'-side of the codon] Shpaer EG. **Mol Biol (Mosk)** 1985 May-Jun; 19(3):791-9 (Eng. Abstr.) **(Rus)**

[Context analysis of polynucleotide sequences. Methods of detecting non-random repeats. I. Direct repeats in genes of beta-, beta'-, sigma subunits of Escherichia coli RNA-polymerase] Solov'ev VV, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):524-36 (Eng. Abstr.) **(Rus)**

[Weakening of bacteriophage lambda EcoK DNA restriction in the presence of plasmid pKM101 ard+. I. General characteristics and genetic localization] Zavil'gel'skiĭ GB, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1590-6 (Eng. Abstr.) **(Rus)**

[The context analysis of polynucleotide sequences. II. Inverted repeats and complementary palindromes in RNA-polymerase genes] Zharkikh AA, et al. **Mol Biol (Mosk)** 1985 May-Jun;19(3):597-609 (Eng. Abstr.) **(Rus)**

[Genetic determination and mechanism of realization of temperature-induced radioresistance] Bresler SE, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):584-9 (Eng. Abstr.) **(Rus)**

[Partial suppression of rec B rec C mutations in E. coli by plasmid pBR 322 containing a Bacillus subtilis chromosome insertion] Barabanshchikov BI, et al. **Tsitol Genet** 1985 Mar-Apr;19(2):128-32 (Eng. Abstr.) **(Rus)**

[Expression in Chinese hamster transformant TK+-cells of the bacterial gene for beta-lactamase] Tomilin NV, et al. **Tsitologiia** 1985 Jun;27(6):688-92 (Eng. Abstr.) **(Rus)**

[Rec-A-independent molecular rearrangements between R plasmids of the FII incompatibility group] Cruz Reyes J, et al. **Rev Latinoam Microbiol** 1984 Oct-Dec;26(4):335-45 (Eng. Abstr.) **(Spa)**

[Effect of F-prime, Col factor and R factor on the mutation phenotype in the Escherichia coli K12 strain] Kalaycioğlu A. **Mikrobiyol Bul** 1985 Jul;19(3):127-32 (Eng. Abstr.) **(Tur)**

GROWTH & DEVELOPMENT

Colonization and persistence of Escherichia coli in axenic and monoxenic turkeys. Dominick MA, et al. **Am J Vet Res** 1984 Nov;45(11):2331-5

Bacterial growth in whey from mastitic and nonmastitic quarters. Mattila T, et al. **Am J Vet Res** 1984 Dec; 45(12):2504-6

Elongation of the murein sacculus of Escherichia coli. Park JT, et al. **Ann Inst Pasteur Microbiol** 1985 Jan-Feb; 136A(1):51-8

Colonization of chicken cecae by Escherichia coli associated with hemorrhagic colitis. Beery JT, et al. **Appl Environ Microbiol** 1985 Feb;49(2):310-5

Survival and growth characteristics of Escherichia coli associated with hemorrhagic colitis. Doyle MP, et al. **Appl Environ Microbiol** 1984 Oct;48(4):855-6

The realm of the steady state in Escherichia coli. Cho S, et al. **Biochem Biophys Res Commun** 1984 Oct 30; 124(2):625-8

Restoration of cell volume and the reversal of carbohydrate transport and growth inhibition of osmotically upshocked Escherichia coli. Roth WG, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):442-9

Growth of the Escherichia coli cell envelope. Jaffé A, et al. **Biochimie** 1985 Jan;67(1):141-4

Rapid assessment of effluent toxicities using E. coli as a bioindicator. Thompson GA, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):75-9

Hyper-accurate ribosomes inhibit growth. Ruusala T, et al. **EMBO J** 1984 Nov;3(11):2575-80

Relationship between growth temperature and shedding of lipopolysaccharides by gram-negative bacilli. Mackowiak PA. **Eur J Clin Microbiol** 1984 Oct;3(5):406-10

Bacterial growth in artificial capillary spaces. Bomar MT. **Experientia** 1984 Nov 15;40(11):1291-3

Plasmid-mediated susceptibility to intestinal microbial antagonisms in Escherichia coli. Andremont A, et al. **Infect Immun** 1985 Sep;49(3):751-5

Competitive exclusion of uropathogens from human uroepithelial cells by Lactobacillus whole cells and cell wall fragments. Chan RC, et al. **Infect Immun** 1985 Jan; 47(1):84-9

Role of Escherichia coli type 1 pilus in colonization of porcine ileum and its protective nature as a vaccine antigen in controlling colibacillosis. Jayappa HG, et al. **Infect Immun** 1985 May;48(2):350-4

Quantitative determination of bacterial replication in vivo. Morris Hooke A, et al. **Infect Immun** 1985 Aug;49(2):424-7

Proton motive force is not obligatory for growth of Escherichia coli. Kinoshita N, et al. **J Bacteriol** 1984 Dec; 160(3):1074-7

Shrinkage of growing Escherichia coli cells by osmotic challenge. Koch AL. **J Bacteriol** 1984 Sep;159(3):919-24

Influence of transport energization on the growth yield of Escherichia coli. Muir M, et al. **J Bacteriol** 1985 Sep; 163(3):1237-42

Immunofluorescence study of fimbrial phase variation in Escherichia coli KS71. Nowicki B, et al. **J Bacteriol** 1984 Nov;160(2):691-5

Duplication of Escherichia coli during inhibition of net phospholipid synthesis. Pierucci O, et al. **J Bacteriol** 1985 Apr;162(1):374-82

Structural modifications in the peptidoglycan of Escherichia coli associated with changes in the state of growth of the culture. Pisabarro AG, et al. **J Bacteriol** 1985 Jan; 161(1):238-42

Purine-mediated growth inhibition caused by a pyrE mutation in Escherichia coli K-12. Shimosaka M, et al. **J Bacteriol** 1984 Dec;160(3):1101-4

Escherichia coli DNA distributions measured by flow cytometry and compared with theoretical computer simulations. Skarstad K, et al. **J Bacteriol** 1985 Aug; 163(2):661-8

Inhibitory effect of Li+ on cell growth and pyruvate kinase activity of Escherichia coli. Umeda K, et al. **J Bacteriol** 1984 Nov;160(2):812-4

Bacterial growth and killing in chronic ambulatory peritoneal dialysis fluids. Verbrugh HA, et al. **J Clin Microbiol** 1984 Aug;20(2):199-203

Biochemical and antibacterial properties of bovine mammary secretion during mammary involution and at parturition. Nonnecke BJ, et al. **J Dairy Sci** 1984 Dec;67(12):2863-72

The effects of wall populations on coexistence of bacteria in the liquid phase of chemostat cultures. Chao L, et al. **J Gen Microbiol** 1985 May;131 (Pt 5):1229-36

Escherichia coli thymine auxotrophs suppressible by carbon dioxide. Dale JW, et al. **J Gen Microbiol** 1985 Apr;131 (Pt 4):935-8

Turnover of the cell wall peptidoglycan during growth of Neisseria gonorrhoeae and Escherichia coli. Relative stability of newly synthesized material. Greenway DL, et al. **J Gen Microbiol** 1985 Feb;131 (Pt 2):253-63

The generation time, lag time, and minimum temperature of growth of coliform organisms on meat, and the implications for codes of practice in abattoirs. Smith MG. **J Hyg (Lond)** 1985 Jun;94(3):289-300

Kinetic analysis and characterization of the bacterial regrowth after treatment of Escherichia coli with beta-lactam antibiotics. Hamano S, et al. **J Pharm Sci** 1984 Oct;73(10):1422-7

Stable heterogeneous spatial distributions of oxygen and chemotactic E. coli with Verhulst-limited population growth. Rosen G. **J Theor Biol** 1985 Feb 21;112(4):877-81

Involvement of DNA gyrase in bacteriophage T7 growth. Steck TR, et al. **J Virol** 1985 Jan;53(1):296-8

Flow microcalorimetry and viable counts during the growth of Escherichia coli NTCT 10418 in Todd-Hewitt and tryptose phosphate broths. Bezjak V. **Microbios** 1984; 41(165-166):167-76

A common pathway for protection of bacteria against damage by solar UVA (334 nm, 365 nm) and an oxidising agent (H2O2). Tyrrell RM. **Mutat Res** 1985 May; 145(3):129-36

Growth-rate dependent regulation of mRNA stability in Escherichia coli. Nilsson G, et al. **Nature** 1984 Nov 1-7; 312(5989):75-7

Inhibition of bacterial translocation from the gastrointestinal tract by nonspecific immunostimulation. Fuller KG, et al. **Prog Clin Biol Res** 1985;181:195-8

Experimental intestinal microflora in mice with a changeable population size of E. coli. Gosse C, et al. **Prog Clin Biol Res** 1985;181:175-7

Influence of rotaviral diarrhea on some bacterial functions in the intestine of conventional mice. Moreau C, et al. **Prog Clin Biol Res** 1985;181:183-5

E. coli colonization of the mammalian colon: understanding the process. Cohen PS, et al. **Recomb DNA Tech Bull** 1985 Jun;8(2):51-4

[Growth kinetics of Escherichia coli and Saccharomyces cerevisiae cultured on membrane filters] Mafart P, et al. **Ann Inst Pasteur Microbiol** 1985 Mar-Apr;136A(2):247-59 (Eng. Abstr.) **(Fre)**

[Comparison of the growth curves of Escherichia coli and Haemophilus influenzae subjected to ampicillin and amoxicillin] Yourassowsky E, et al. **Pathol Biol (Paris)** 1985 May;33(5):396-8 (Eng. Abstr.) **(Fre)**

[Bifidobacteria colonization in diversely-fed newborn infants] Bisicchia R, et al. **Pediatr Med Chir** 1984 May-Jun; 6(3):395-400 (Eng. Abstr.) **(Ita)**

[Evaluation of the dynamic ratio of Escherichia coli cell loss from the coefficient of ultrasound relaxation in a suspension] Kol'tsova IS, et al. **Biofizika** 1985 May-Jun; 30(3):460-3 (Eng. Abstr.) **(Rus)**

[Relation of DNA replication and cell division frequency in a population of microorganisms to the cell growth rate] Drozdov-Tikhomirov LN, et al. **Mikrobiologiia** 1984 Nov-Dec;53(6):914-7 (Eng. Abstr.) **(Rus)**

[Batch cultures of Escherichia coli with added substrate under various aeration conditions] Smirnova GV, et al. **Mikrobiologiia** 1984 Sep-Oct;53(5):738-43 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Virulence factors of Escherichia coli. I. Mannose resistant haemagglutinating capacity is associated with serogroup but not with site of infection. Czirók E, et al. **Acta Microbiol Hung** 1984;31(3):187-95

Mannose-specific and hydrophobic interaction between Escherichia coli and polymorphonuclear leukocytes--influence of bacterial culture period. Ohman L, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Apr;93(2):125-31

Monoclonal antibodies and specific cell surface receptors do not discriminate between human growth hormone prepared by DNA recombinant techniques and the native hormone. Retegui LA, et al. **Acta Physiol Pharmacol Latinoam** 1984; 34(2):193-7

A porcine-murine hybridoma that secretes porcine monoclonal antibody of defined specificity. Raybould TJ, et al. **Am J Vet Res** 1985 Aug;46(8):1768-9

Immunogenicity of the ribosomal vaccine extracted from Escherichia coli. Dima VF, et al. **Arch Roum Pathol Exp Microbiol** 1984 Apr-Jun; 43(2):127-36

Escherichia coli and human neutrophils. Effect of bacterial supernatant with hemolysin activity upon chemotaxin receptors. Pruett TL, et al. **Arch Surg** 1985 Feb; 120(2):212-6

Induction of chronic polyarthritis in rabbits by hyperimmunization with Escherichia coli. I. Pathologic and serologic features in two breeds of rabbits. Aoki S, et al. **Arthritis Rheum** 1985 May;28(5):522-8

Immunogenicity of an oil-emulsified Escherichia coli bacterin against heterologous challenge. Gyimah JE, et al. **Avian Dis** 1985 Apr-Jun;29(2):540-5

Laboratory and field trials with formalin-inactivated Escherichia coli (O78)-Pasteurella anatipestifer bacterin in white pekin ducks. Sandhu TS, et al. **Avian Dis** 1985 Jan-Mar;29(1):128-35

Binding of bacteria in lymphocyte subpopulations: role of lectin-carbohydrate interactions. Teodorescu M. **Biol Cell** 1984;51(2):251-8

Immunolabelling of bacteriophage lambda receptor protein (LamB) on thin sections of E. coli embedded in Lowicryl. Whitehouse RL, et al. **Biol Cell** 1984;51(3):389-94

E. coli adherence to CER cells infected by vesicular stomatitis virus. Chiarini F, et al. **Boll Ist Sieroter Milan** 1985;64(1):6-11

Chemical and structural analysis of the capsular polysaccharide from Escherichia coli O9:K28(A):H- (K28 antigen). Altman E, et al. **Carbohydr Res** 1985 May 15; 138(2):293-303

Structure of the amino acid-containing capsular polysaccharide (K54 antigen) from Escherichia coli O6:K54:H10. Hofmann P, et al. **Carbohydr Res** 1985 Jun 15;139:261-71

Empirical 13C-n.m.r.-correlations between the Escherichia coli K 13 and LP 1092 capsular polysaccharides and model oligosaccharides containing D-ribose and 3-deoxy-D-manno-2-octulosonic acid. Neszmélyi A, et al. **Carbohydr Res** 1985 Jun 15;139:13-22

Immunological properties of porcine enterotoxigenic Escherichia coli heat-stable (ST) enterotoxins. Pesti L, et al. **Comp Immunol Microbiol Infect Dis** 1984;7(3-4):157-64

Colicin channels and cellular immunity. Kayalar C, et al. **Curr Top Cell Regul** 1984;24:301-12

Neutralization of heat-labile toxin of E. coli by antibodies to synthetic peptides derived from the B subunit of cholera toxin. Jacob CO, et al. **EMBO J** 1984 Dec 1;3(12):2889-93

Structure of the fructose-containing K52 capsular polysaccharide of uropathogenic Escherichia coli O4:K52:H-. Hofmann P, et al. **Eur J Biochem** 1985 Mar 15;147(3):601-9

Biosynthesis of the O9 antigen of Escherichia coli. Synthetic glycosyldiphosphomoraprenols as probes for requirement of mannose acceptors. Jann K, et al. **Eur J Biochem** 1985 Sep 2;151(2):393-7

Monoclonal antibodies directed against the cell-surface-exposed part of PhoE pore protein of the Escherichia coli K-12 outer membrane. van der Ley P, et al. **Eur J Biochem** 1985 Mar 1;147(2):401-7

Colonization antigens and haemagglutination patterns of human Escherichia coli. Blanco J, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):316-26

Constraints in T-B cooperation related to epitope topology on E. coli beta-galactosidase. I. The fine specificity of T cells dictates the fine specificity of antibodies directed to conformation-dependent determinants. Manca F, et al. **Eur J Immunol** 1985 Apr;15(4):345-50

Antigenic and immunogenic characteristics of subcellular fractions and whole cells of a rough E. coli 0111 (J5) mutant. Sakulramrung R, et al. **Immunobiology** 1985 May; 169(4):372–88

Haemagglutinins & enterotoxins in Escherichia coli strains from human urinary tract infections. Saxena VK, et al. **Indian J Med Res** 1985 Jan;81:35–40

A plasmid–encoded outer membrane protein, TraT, enhances resistance of Escherichia coli to phagocytosis. Agüero ME, et al. **Infect Immun** 1984 Dec;46(3):740–6

Monoclonal antibodies with an expanded repertoire of specificities and potent neutralizing activity for Escherichia coli heat–labile enterotoxin. Belisle BW, et al. **Infect Immun** 1984 Dec;46(3):759–64

Characterization of two different antibody specificities recognizing distinct antigenic determinants in free lipid A of Escherichia coli. Brade L, et al. **Infect Immun** 1985 Jun; 48(3):776–81

Production of neutralizing monoclonal antibodies to Escherichia coli heat–stable enterotoxin. Brandwein H, et al. **Infect Immun** 1985 Jan;47(1):242–6

Effect of bacterial competition on the opsonization, phagocytosis, and intracellular killing of microorganisms by granulocytes. Dijkmans BA, et al. **Infect Immun** 1985 Jul;49(1):219–24

Role of resident macrophages, peripheral neutrophils, and translymphatic absorption in bacterial clearance from the peritoneal cavity. Dunn DL, et al. **Infect Immun** 1985 Aug; 49(2):257–64

Oral vaccination of monkeys with an invasive Escherichia coli K–12 hybrid expressing Shigella flexneri 2a somatic antigen. Formal SB, et al. **Infect Immun** 1984 Nov; 46(2):465–9

Naturally occurring antibodies in human sera that react with the iron–regulated outer membrane proteins of Escherichia coli. Griffiths E, et al. **Infect Immun** 1985 Mar;47(3):808–13

Cloning and expression of an afimbrial adhesin (AFA–I) responsible for P blood group–independent, mannose–resistant hemagglutination from a pyelonephritic Escherichia coli strain. Labigne–Roussel AF, et al. **Infect Immun** 1984 Oct;46(1):251–9

An adhesive protein capsule of Escherichia coli. Orskov I, et al. **Infect Immun** 1985 Jan;47(1):191–200

Expression of protective and cardiac tissue cross–reactive epitopes of type 5 streptococcal M protein in Escherichia coli. Poirier TP, et al. **Infect Immun** 1985 Apr;48(1):198–203

Kinetics of assembly and decay of complement components on Escherichia coli O111:B4 preparation of stable intermediates. Rottini G, et al. **Infect Immun** 1985 Aug; 49(2):402–6

Studies on immunity against Escherichia coli K13 with monoclonal anti–K13 and anti–anti–K13. Söderström T, et al. **Infection** 1984 Jul–Aug;12(4):309–12

Antiserum against Escherichia coli J5: a re–evaluation of its in vitro and in vivo activity against heterologous gram–negative bacteria. Trautmann M, et al. **Infection** 1985 May–Jun;13(3):140–5

Role of bacterial adherence and toxin production from Escherichia coli on leukotriene generation from human polymorphonuclear granulocytes. König W, et al. **Int Arch Allergy Appl Immunol** 1985;77(1–2):118–20

Major antigenic determinants of F and ColB2 pili. Finlay BB, et al. **J Bacteriol** 1985 Jul;163(1):331–5

Identification of Escherichia coli K1 antigen. Cross A, et al. **J Clin Microbiol** 1984 Aug;20(2):302–4

Effect of Bacteroides fragilis on the phagocytic killing of Escherichia coli [letter] Finlay–Jones JJ, et al. **J Clin Pathol** 1985 Aug;38(8):959–60

Killing of Escherichia coli by human polymorphonuclear leucocytes in the presence of Bacteroides fragilis. Vel WA, et al. **J Clin Pathol** 1985 Jan;38(1):86–91

Effect of prepartum vaccination with K99 Escherichia coli vaccine on maternal and calf blood antibody concentration and calf health. Loucks ME, et al. **J Dairy Sci** 1985 Jul; 68(7):1841–7

Purification and characterization of Haemophilus influenzae pili, and their structural and serological relatedness to Escherichia coli P and mannose–sensitive pili. Guerina NG, et al. **J Exp Med** 1985 Jan 1;161(1):145–59

IgG bearing covalently bound C3b has enhanced bactericidal activity for Escherichia coli 0111. Joiner KA, et al. **J Exp Med** 1985 Sep 1;162(3):877–89

Gal–Gal pyelonephritis Escherichia coli pili linear immunogenic and antigenic epitopes. Schmidt MA, et al. **J Exp Med** 1985 Apr 1;161(4):705–17

Influence of growth temperature on the development of Escherichia coli polysaccharide K antigens. Orskov F, et al. **J Gen Microbiol** 1984 Oct;130 (Pt 10):2681–4

Application of the peroxidase–antiperoxidase technique for the detection of enterotoxigenic Escherichia coli K99 pilus antigen in paraffin–embedded tissues. Rogers DG. **J Histochem Cytochem** 1985 Aug;33(8):762–6

Measurement of human antibody activity against Escherichia coli and Pseudomonas aeruginosa using formalin treated whole organisms in an ELISA technique. Cost KM, et al. **J Immunoassay** 1985;6(1–2):23–43

Immunologic differentiation between E. coli and CHO cell–derived recombinant and natural human beta–interferons. Colby CB, et al. **J Immunol** 1984 Dec; 133(6):3091–5

SLO4, a new interferon inducer isolated from Klebsiella pneumoniae and Escherichia coli. Stefanca S, et al. **J Immunopharmacol** 1985;7(1):43–52

Mannose–resistant hemagglutination and P receptor recognition of uropathogenic Escherichia coli isolated from adult patients. Gander RM, et al. **J Infect Dis** 1985 Mar; 151(3):508–13

Failure of monoclonal antibodies to core glycolipid to bind intact smooth strains of Escherichia coli. Gigliotti F, et al. **J Infect Dis** 1985 Jun;151(6):1005–11

Age–related prevalence of human serum IgG and IgM antibody to the core glycolipid of Escherichia coli strain J5, as measured by ELISA. Law BJ, et al. **J Infect Dis** 1985 Jun;151(6):988–94

Cross–reactive immunoprotective antibodies to Escherichia coli O111 rough mutant J5. Sakulramrung R, et al. **J Infect Dis** 1985 Jun;151(6):995–1004

Differential expression of macrophage effector functions: bactericidal versus tumoricidal activities. Campbell PA, et al. **J Leukocyte Biol** 1984 Sep;36(3):293–306

Legionella and the enterobacterial common antigen. LaScolea LS, et al. **J Med** 1984;15(5–6):437–40

Sequential study of bacterial clearance in experimental cystitis. Gillon G, et al. **J Med Microbiol** 1984 Dec; 18(3):319–26

Secretory IgA antibody response against Escherichia coli antigens in infants in relation to exposure. Mellander L, et al. **J Pediatr** 1985 Sep;107(3):430–3

Metabolic effects of pretreatment with Escherichia coli J5 antiserum on guinea pig gram–negative bacterial sepsis. Dunn DL, et al. **J Surg Res** 1985 Mar;38(3):298–304

Influence of K99 on the phagocytosis and killing of K99–positive Escherichia coli by mouse peritoneal cells in vitro. Ferreiros CM, et al. **Med Microbiol Immunol (Berl)** 1984;173(2):105–11

Effect of the presence of black pigmented Bacteroides of differing pathogenicity on the phagocytosis of Escherichia coli by rat polymorphonuclear leucocytes. Pancholi V, et al. **Med Microbiol Immunol (Berl)** 1985;174(3):131–7

Expression of Taenia taeniaeformis antigens in Escherichia coli. Bowtell DD, et al. **Mol Biochem Parasitol** 1984 Oct; 13(2):173–85

A novel immune system against bacteriophage infection using complementary RNA (micRNA). Coleman J, et al. **Nature** 1985 Jun 13–19;315(6020):601–3

Expression of Plasmodium falciparum surface antigens in Escherichia coli. Ardeshir F, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2518–22

Serological comparison of the Escherichia coli prototype strains for the F(Y) and Att 25 adhesions implicated in neonatal diarrhoea in calves. Morris JA, et al. **Res Vet Sci** 1985 Mar;38(2):246–7

The effect of monoclonal antibodies against Escherichia coli type 1 pili and capsular polysaccharides on the interaction between bacteria and human granulocytes. Söderström T, et al. **Scand J Immunol** 1984 Oct;20(4):299–305

Rises in antibody to enteric gram negative bacilli after open heart surgery: a possible mechanism for postoperative pyrexia. Freeman R, et al. **Thorax** 1985 Jul;40(7):538–41

Inhibition of adhesion of Escherichia coli K88 antigen by mammary secretions of susceptible and resistant sows. Sellwood R. **Vet Microbiol** 1984 Sep;9(5):477–86

Phagocytosis of E. coli by renal tubular epithelia. Shimamura T, et al. **Yale J Biol Med** 1984 Nov–Dec;57(6):817–24

Phenotypic modification of the reactivity in human serum of Escherichia coli K1 isolates. Livey I, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec; 258(4):457–63

Fimbrial antigens of Escherichia coli 01:K1:H7 and 01:K1:H– strains isolated from patients with urinary tract infections. Nimmich W, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Oct; 258(1):104–11

[Anti–K99 vaccination and colostric protection of calves infected experimentally with Escherichia coli K99] Contrepois M, et al. **Ann Rech Vet** 1985;16(1):41–6 (Eng. Abstr.) (Fre)

[Fixation of antibodies by covalent bonds to polystyrene: use of the immunoenzyme technic for the detection of Escherichia coli K99 in calf feces] Perrin B, et al. **Ann Rech Vet** 1984;15(3):375–9 (Eng. Abstr.) (Fre)

[Oral vaccination of piglets against coli enterotoxemia using streptomycin–dependent revertant of Escherichia coli] Bertschinger HU, et al. **Schweiz Arch Tierheilkd** 1984 Oct; 126(10):497–509 (Eng. Abstr.) (Ger)

[ELISA for the detection of K99 fimbrial antigen of enterotoxic E. coli in feces] Schneider E, et al. **Schweiz Arch Tierheilkd** 1984 Dec;126(12):607–20 (Eng. Abstr.) (Ger)

[Serum resistance of Escherichia coli and serum bactericidal activity in chronic pyelonephritis] Falkenhagen U, et al. **Z Urol Nephrol** 1984 Nov;77(11):629–38 (Eng. Abstr.) (Ger)

[Immunity of the skin—infection and percutaneous immunization of rabbits with E. coli ATCC 13676] Hammerschmidt W, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Apr; 259(2):252–67 (Eng. Abstr.) (Ger)

[Adherence of E. coli strains with various adhesins to macrophages from bone marrow and the cell line P 388D1] Harff V, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Feb;259(1):59–70 (Eng. Abstr.) (Ger)

[Protection against experimental Salmonella typhimurium infection in mice. Immunostimulating activity of heterologous Salmonella S–forms, R–mutants, lipopolysaccharides and muramyl dipeptide in vaccines combined with S. typhimurium] Schlecht S. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug; 257(3):414–25 (Eng. Abstr.) (Ger)

[Effect of colchicine and indomethacin on leukocytic phagocytosis of Staphylococcus aureus and E. coli] Schlief H, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug; 257(3):388–99 (Eng. Abstr.) (Ger)

[Effect of amphotericin B on phagocytosis and intracellular killing of E. coli by rat liver perfused in vitro: preliminary results] Andreana A, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1229–31 (Eng. Abstr.) (Ita)

[Enhancement of antimicrobial defense activities of immunoglobulins in the lung] Kameoka Y, et al. **Kansenshogaku Zasshi** 1984 Nov;58(11):1139–43 (Eng. Abstr.) (Jpn)

[Immunohistochemical localization of the bacterial antigen in the malacoplakia of the urinary bladder] Deguchi T, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 May; 75(5):772–7 (Eng. Abstr.) (Jpn)

[Studies on immune bactericidal reaction] Inoue K. **Nippon Saikingaku Zasshi** 1984 Nov;39(6):833–48 (Jpn)

[Pathogenetic significance of microbial sensitization of the body and the effectiveness of specific immunotherapy in postoperative adhesive disease] Roi VP, et al. **Klin Khir** 1985 Apr;(4):20–3 (Eng. Abstr.) (Rus)

ISOLATION & PURIFICATION

Six new E. coli O groups: O165, O166, O167, O168, O169 and O170. Orskov I, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Aug; 92(4):189–93

Enteropathogenic Escherichia coli (EPEC) and enterotoxigenic (ETEC) related diarrhoeal disease in a neonatal unit. Adhikari M, et al. **Ann Trop Paediatr** 1985 Mar;5(1):19–22

Improved bacterial recovery by membrane filters in the presence of food debris. Farber JM, et al. **Appl Environ Microbiol** 1984 Aug;48(2):441–3

Probability of recovering pathogenic Escherichia coli from foods. Hill WE, et al. **Appl Environ Microbiol** 1985 Jun; 49(6):1374–8

Monensin–based medium for determination of total gram–negative bacteria and Escherichia coli. Petzel JP, et al. **Appl Environ Microbiol** 1985 Apr;49(4):925–33

Characterization of the coliform and enteric bacilli in the environment of calves with colibacillosis. Plews PI, et al. **Appl Environ Microbiol** 1985 Apr;49(4):949–54

Evaluation of a fluorogenic assay for detection of Escherichia coli in foods. Robison BJ. **Appl Environ Microbiol** 1984 Aug;48(2):285–8

Effects of water temperature and salinity on elimination of Salmonella charity and Escherichia coli from Sydney rock oysters (Crassostrea commercialis). Rowse AJ, et al. **Appl Environ Microbiol** 1984 Nov;48(5):1061–3

Diarrhoeagenic Escherichia coli in hospitalized children in Dhaka. Moyenuddin M, et al. **Bangladesh Med Res Counc Bull** 1985 Jun;11(1):20–7

Effect of homogenization procedures on Escherichia coli counts in naturally contaminated cheese. Peterkin PI, et al. **Can J Microbiol** 1985 Feb;31(2):180–2

Prevalence of R factor carrying multiple drug resistant E. coli strains from cases of diarrhoea in children, U. T. I and other clinical conditions. Aggarwal RK, et al. **Indian J Med Sci** 1984 Sep;38(9):169–76

A survey of the bacteriological status of fresh and baked pork sausages produced in Ibadan, Nigeria. Oyekole OD, et al. **Int J Zoonoses** 1984 Dec;11(2):127–32

The ecology of Escherichia coli in calves reared as dairy–cow replacements. Hinton M, et al. **J Appl Bacteriol** 1985 Feb;58(2):131–8

The ecology of Escherichia coli in market calves fed a milk–substitute diet. Hinton M, et al. **J Appl Bacteriol** 1985 Jan;58(1):27–35

A comparison of the ecology of Escherichia coli in the intestine of healthy unweaned pigs and pigs after weaning. Hinton M, et al. **J Appl Bacteriol** 1985 May;58(5):471–7

Survey in Vanuatu on enterotoxigenic Escherichia coli in children and infants with and without acute diarrhea. Germani Y, et al. **J Clin Microbiol** 1985 Apr;21(4):630–3

Coliform numbers in the stomach and small intestine of healthy pigs following weaning at three weeks of age. Hampson DJ, et al. **J Comp Pathol** 1985 Jul;95(3):353–62

Isolation and characterization of enterotoxigenic Escherichia coli from patients with traveller's diarrhoea in Osaka. Abe H, et al. **J Diarrhoeal Dis Res** 1984 Jun;2(2):83–7

Low incidence of heat–labile enterotoxin–producing Escherichia coli strains in the Federal Republic of Germany. Sticht–Groh V, et al. **J Diarrhoeal Dis Res** 1985 Mar;3(1):24–8

The persistence of drug resistant Escherichia coli strains in the majority faecal flora of calves. Hinton M, et al. **J Hyg (Lond)** 1984 Dec;93(3):547–57

Escherichia coli in retail processed food. Pinegar JA, et al. **J Hyg (Lond)** 1985 Aug;95(1):39–46

A newly recognized cause of travelers' diarrhea: enteroadherent Escherichia coli. Mathewson JJ, et al. **J Infect Dis** 1985 Mar;151(3):471–5

Phenotypic variations among enterotoxinogenic Escherichia coli from Swedish piglets with diarrhoea. Kühn I, et al. **Med Microbiol Immunol (Berl)** 1985;174(3):119–30

Detection of classic and invasive E. coli and Shigella serotypes in stools by indirect immunofluorescence. Dis

W de O, et al. **Rev Inst Med Trop Sao Paulo** 1984 Nov–Dec; 26(6):295–300

Isolation of Escherichia coli from an aborted bovine fetus. Moorthy AR. **Vet Rec** 1985 Feb 9;116(6):159

The impact of terrestrial and estuarial factors on the density of environmental bacterial (Vibrionaceae) and faecal coliforms in coastal water. Larsen JL, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Aug; 17[illegible](4):308–23

[Separation of colicins from E. coli strains isolated from lambs] Mokhamed T, et al. **Vet Med Nauki** 1985;22(3):23–5 (Eng. Abstr.) **(Bul)**

[An etiological study of epidemic diarrhea among adults in Jixi and Harbin, Heilongjiang Province] Xie FY. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug; 5(4):206–8 (Eng. Abstr.) **(Chi)**

[Selective citrate-adonitol medium for the isolation of various strains of Escherichia coli K99] Pohl P, et al. **Ann Microbiol (Paris)** 1984 Jul–Aug;135B(1):29–33 (Eng. Abstr.) **(Fre)**

[Etiology of acute infantile gastroenteritis in Gabon] Gendrel D, et al. **Bull Soc Pathol Exot Filiales** 1985;78(3):290–5 (Eng. Abstr.) **(Fre)**

[Epidemiologic study of enterotoxigenic and enteropathogenic Escherichia coli isolated from infantile diarrhea cases on the Wallis and Futuna Islands (French Overseas Territory)] Germani Y, et al. **Bull Soc Pathol Exot Filiales** 1985;78(2):141–9 (Eng. Abstr.) **(Fre)**

[Prevalence of the enterotoxigenic Escherichia coli colonization factors CFA/I, CFA/II and E8775 isolated in the South Pacific (New Caledonia, Republic of Vanuatu and Wallis and Futuna)] Germani Y, et al. **Bull Soc Pathol Exot Filiales** 1985;78(3):283–9 (Eng. Abstr.) **(Fre)**

[Escherichia coli serotypes occurring in respiratory tract infections] Mróz E, et al. **Med Dosw Mikrobiol** 1984; 36(2):101–6 (Eng. Abstr.) **(Pol)**

[Sanitary conditions of type B pasteurized milk sold in the city of São Paulo, SP (Brazil) from February to August 1982] Baruffaldi R, et al. **Rev Saude Publica** 1984 Oct; 18(5):367–74 (Eng. Abstr.) **(Por)**

[Clinico-laboratory and epidemiological characteristics of patients excreting EPEC 0151 and EPEC 0124] Gavrilov AF, et al. **Sov Med** 1984;(10):87–90 **(Rus)**

[Enterotoxigenic, enteroinvasive and enteropathogenic Escherichia coli in patients with diarrhea] Cobeljić M, et al. **Vojnosanit Pregl** 1984 Sep–Oct;41(5):401–7 (Eng. Abstr.) **(Ser)**

[Analysis of classical enteropathogenic Escherichia coli as an endemic cause of acute diarrhea in Chilean children] Prado V, et al. **Rev Chil Pediatr** 1984 May–Jun;55(3):171–5 (Eng. Abstr.) **(Spa)**

METABOLISM

Bacterial lipopolysaccharides and glutathione mixed disulfides as possible contaminants of human growth hormone produced with the use of E. coli K12. Axelsson K. **Acta Chem Scand [B]** 1985;39(1):69–77

Chlorate metabolism by whole cells and membrane vesicles of Escherichia coli K-12. Sánchez Crispín JA, et al. **Acta Cient Venez** 1984;35(5–6):363–8

Reconstitution 'in vitro' of a formate or NADH dependent nitrite reductase activity starting from cytochrome c552 and membrane vesicles from Escherichia coli K-12. Sánchez-Crispín JA, et al. **Acta Cient Venez** 1984; 35(5–6):350–5

Quantitative analysis of the production of heat-labile enterotoxin by enterotoxigenic Escherichia coli. Minami J, et al. **Acta Med Okayama** 1984 Oct;38(5):461–9

The induction of enhanced glucosamine incorporation into the cell-envelope of Escherichia coli K-12 by the antibiotic tetaine. Chmara H, et al. **Acta Microbiol Pol** 1984; 33(2):95–102

Functions of DNA helicases in the DNA metabolism of Escherichia coli. Abdel-Monem M, et al. **Adv Exp Med Biol** 1984;179:385–93

How does Rop work? Banner DW, et al. **Adv Exp Med Biol** 1984;179:215–9

Fidelity of DNA replication in vitro. Fersht AR. **Adv Exp Med Biol** 1984;179:525–33

Studies on the role of dam methylation at the Escherichia coli chromosome replication origin (oriC). Forterre P, et al. **Adv Exp Med Biol** 1984;179:543–9

Enzyme studies of replication of the Escherichia coli chromosome. Kornberg A. **Adv Exp Med Biol** 1984; 179:3–16

Proteins from the prokaryotic nucleoid: biochemical and 1H NMR studies on three bacterial histone-like proteins. Lammi M, et al. **Adv Exp Med Biol** 1984;179:467–77

Function and properties of RP4 DNA primase. Lanka E, et al. **Adv Exp Med Biol** 1984;179:265–80

Effect of UV induced DNA lesions on the activity of Escherichia coli DNA topoisomerases: a possible role of these enzymes in DNA repair. Pedrini AM. **Adv Exp Med Biol** 1984;179:449–54

Protein export in Escherichia coli. Pages JM, et al. **Ann Inst Pasteur Microbiol** 1985 Jan–Feb;136A(1):105–10

Genetic analysis of protein export in Escherichia coli K12. Benson SA, et al. **Annu Rev Biochem** 1985;54:101–34 (113 ref.)

Metabolism of methylglyoxal in microorganisms. Cooper RA. **Annu Rev Microbiol** 1984;38:49–68 (92 ref.)

Structure and mode of action of microcin 7, an antibacterial peptide produced by Escherichia coli. Garcia-Bustos JF, et al. **Antimicrob Agents Chemother** 1985 May;27(5):791–7

Lack of accumulation of exogenous adenylyl dihydrostreptomycin by whole cells or spheroplasts of Escherichia coli. Garcia-Riestra C, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):114–9

Affinity of temocillin for Escherichia coli K-12 penicillin-binding proteins. Labia R, et al. **Antimicrob Agents Chemother** 1984 Sep;26(3):335–8

Diffusion of beta-lactam antibiotics through the porin channels of Escherichia coli K-12. Yoshimura F, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):84–92

Excretion of proteins by gram-negative bacteria: export of bacteriocins and fimbrial proteins by Escherichia coli. Oudega B, et al. **Antonie Van Leeuwenhoek** 1984; 50(5–6):569–84 (55 ref.)

Escherichia coli variants for gas and indole production at elevated incubation temperatures. Bueschkens DH, et al. **Appl Environ Microbiol** 1984 Sep;48(3):601–5

Resistance to drugs and heavy metals, colicin production, and biochemical characteristics of selected bovine and porcine Escherichia coli strains. Harnett NM, et al. **Appl Environ Microbiol** 1984 Nov;48(5):930–5

Effect of deoxyribopolymers and ribopolymers on the sensitivity of the cyclic-AMP receptor protein of Escherichia coli to proteolytic attack. Angulo JA, et al. **Arch Biochem Biophys** 1985 Jan;236(1):11–6

The relationship between translational initiation and messenger RNA inactivation in down-shifted Escherichia coli. Jacobson LA, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):118–31

Evidence that cyclic AMP stimulates bacterial glycogen synthesis by relieving AMP inhibition of and by increasing the cellular level of ADP-glucose synthetase. Leckie MP, et al. **Arch Biochem Biophys** 1984 Dec;235(2):493–503

Inhibitors of nitrofuran reduction in Escherichia coli: evidence for their existence, partial purification, binding of nitrofurantoin in vitro, and implications for nitrofuran resistance. Sastry SS, et al. **Arch Biochem Biophys** 1985 Jan;236(1):252–9

Salt-dependent binding of Escherichia coli initiation factor 3 to nucleic acids determined by sedimentation partition chromatography. Schmidt BF, et al. **Arch Biochem Biophys** 1985 Jul;240(1):207–16

A fluorescence study of the binding of poly(1,N6-ethenoadenylic acid) to Escherichia coli initiation factor 3. Schmidt BF, et al. **Arch Biochem Biophys** 1985 Jul;240(1):217–25

The size and heterogeneity of the messenger RNA associated with 70 S monosomes from down-shifted Escherichia coli. Wnek AP, et al. **Arch Biochem Biophys** 1985 Aug 15; 241(1):106–17

Tetracycline uptake by susceptible Escherichia coli cells. Argast M, et al. **Arch Microbiol** 1985 Apr;141(3):260–5

Ethylene formation by cultures of Escherichia coli. Ince JE, et al. **Arch Microbiol** 1985 Apr;141(3):209–13

Production of H2S by Escherichia coli isolated from poultry: an unusual character useful for epidemiology of colisepticemia. Barbour EK, et al. **Avian Dis** 1985 Apr–Jun; 29(2):341–6

Osmotic stress drastically inhibits active transport of carbohydrates by Escherichia coli. Roth WG, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):434–41

The in vivo formation of nonbilayer lipid phase in E. coli membranes during the development of Ca2-dependent competence. Sabelnikov AG, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):464–72

Quantitative determination of cytochromes in the aerobic respiratory chain of Escherichia coli by high-performance liquid chromatography and its application to analysis of mitochondrial cytochromes. Kita K, et al. **Biochem Int** 1985 Feb;10(2):319–26

The Shine and Dalgarno hypothesis for termination: the 3' terminus of the 16S rRNA of the Escherichia coli ribosome can be modified or base-paired with a complementary oligonucleotide without affecting termination in vitro. Tate WP, et al. **Biochem Int** 1983 Oct;7(4):529–34

Respiration-dependent uptake of dihydrostreptomycin by Escherichia coli. Its irreversible nature and lack of evidence for a uniport process. Nichols WW, et al. **Biochem J** 1985 Jun 1;228(2):505–12

The transient kinetics of uptake of galactosides into Escherichia coli. Page MG, et al. **Biochem J** 1984 Nov 1;223(3):723–31

The lactose/H+ carrier of Escherichia coli: lac YUN mutation decreases the rate of active transport and mimics an energy-uncoupled phenotype. Wright JK, et al. **Biochem J** 1985 Apr 1;227(1):287–97

Photoaffinity labeling of the tetracycline binding site of the Escherichia coli ribosome. The uses of a high intensity light source and of radioactive sancycline derivatives. Hasan T, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):1065–71

Structure in solution of M1 RNA, the catalytic subunit of ribonuclease P from Escherichia coli. Guerrier-Takada C, et al. **Biochemistry** 1984 Dec 18;23(26):6327–34

Lactose repressor protein modified with dansyl chloride: activity effects and fluorescence properties. Hsieh WT, et al. **Biochemistry** 1985 Jun 4;24(12):3043–9

Cysteinyl residues of Escherichia coli recA protein. Kuramitsu S, et al. **Biochemistry** 1984 May 22;23(11):2363–7

tRNA binding sites of ribosomes from Escherichia coli. Lill R, et al. **Biochemistry** 1984 Dec 18;23(26):6710–7

Light scattering studies of the recA protein of Escherichia coli: relationship between free recA filaments and the recA X ssDNA complex. Morrical SW, et al. **Biochemistry** 1985 Jan 29;24(3):760–7

Specificity of the proton adenosinetriphosphatase of Escherichia coli for adenine, guanine, and inosine nucleotides in catalysis and binding. Perlin DS, et al. **Biochemistry** 1984 Oct 9;23(21):4998–5003

Large-scale purification, oligomerization equilibria, and specific interaction of the LexA repressor of Escherichia coli. Schnarr M, et al. **Biochemistry** 1985 May 21; 24(11):2812–8

On the structural specificity of puromycin binding to Escherichia coli ribosomes. Weitzmann C, et al. **Biochemistry** 1985 Apr 23;24(9):2268–74

Stabilisation of human interferon beta synthesis in Escherichia coli by zinc ions. Gross G, et al. **Biochim Biophys Acta** 1985 Jun 24;825(2):207–13

Localization of the galactoside binding site in the lactose carrier of Escherichia coli. Mitaku S, et al. **Biochim Biophys Acta** 1984 Oct 3;776(2):247–58

A spectroscopic investigation of the structure and redox properties of Escherichia coli cytochrome b-562. Moore GR, et al. **Biochim Biophys Acta** 1985 May 20;829(1):83–96

Biotin uptake: influx, efflux and countertransport in Escherichia coli K12. Piffeteau A, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):77–82

Escherichia coli membrane vesicles with elevated phosphatidic acid levels. A detergent-free system for in vitro phospholipid synthesis. Sparrow CP, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):373–83

The indirect nature of interaction of glucose transport with the system transporting galactosides. Koch AL. **Biochimie** 1985 Jan;67(1):137–40

Specific binding of the cAMP receptor protein of Escherichia coli to the lactose operon promoter. Koop AH, et al. **Biochimie** 1985 Jan;67(1):161–75

Quantification of SSB protein in E. coli and its variation during RECA protein induction. Villani G, et al. **Biochimie** 1984 Jun;66(6):471–6

Hydrolysis of linamarin by intestinal bacteria. Fomunyam RT, et al. **Can J Microbiol** 1984 Dec;30(12):1530–1

Tricarboxylate transport in a Cit+ Escherichia coli: evidence for the role of an outer membrane protein. Tomás JM, et al. **Can J Microbiol** 1984 Jul;30(7):916–21

Properties of cell wall peptidoglycan synthesized by amino acid deprived re1A mutants of Escherichia coli. Vanderwel D, et al. **Can J Microbiol** 1984 Oct;30(10):1239–46

Hemolytic-uremic syndrome associated with verotoxin-producing Escherichia coli. Ratnam S, et al. **Can Med Assoc J** 1985 Jul 1;133(1):37–8

Inhibition of postreplication recombinational repair by DNA-gyrase antagonists in Escherichia coli. Priel E. **Cell Biol Int Rep** 1984 Sep;8(9):773–86

Metabolism of dinitrotoluene isomers by Escherichia coli isolated from human intestine. Mori M, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4070–5

An Escherichia coli cell-free system that catalyzes the repair of symmetrically methylated heteroduplex DNA. Fishel RA, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:603–9

Bacterial chemotaxis: biochemistry of behavior in a single cell. Ordal GW. **CRC Crit Rev Microbiol** 1985;12(2):95–130 (216 ref.)

Reductive metabolism of furazolidone by Escherichia coli and rat liver in vitro. Abraham RT, et al. **Drug Metab Dispos** 1984 Nov–Dec;12(6):732–41

Nucleotide binding by membrane components of bacterial periplasmic binding protein-dependent transport systems. Higgins CF, et al. **EMBO J** 1985 Apr;4(4):1033–9

Examination of calf prochymosin accumulation in Escherichia coli: disulphide linkages are a structural component of prochymosin-containing inclusion bodies. Schoemaker JM, et al. **EMBO J** 1985 Mar;4(3):775–80

Phosphorylation in vivo and in vitro of the arginine-ornithine periplasmic transport protein of Escherichia coli. Celis RT. **Eur J Biochem** 1984 Dec 3;145(2):403–11

Chemical modifications of the Na+-H+ antiport in Escherichia coli membrane vesicles. Damiano E, et al. **Eur J Biochem** 1985 Apr 1;148(1):183–8

Synthetic and natural Escherichia coli free lipid A express identical endotoxic activities. Galanos C, et al. **Eur J Biochem** 1985 Apr 1;148(1):1–5

The properties of the large subunit of maize ribulose bisphosphate carboxylase/oxygenase synthesised in Escherichia coli. Gatenby AA. **Eur J Biochem** 1984 Oct 15;144(2):361–6

Identification of the major human sialoglycoprotein from red cells, glycophorin AM, as the receptor for Escherichia coli IH 11165 and characterization of the receptor site. Jokinen M, et al. **Eur J Biochem** 1985 Feb 15;147(1):47–52

The accuracy of Q beta RNA translation. 1. Errors during the synthesis of Q beta proteins by intact Escherichia coli cells. Khazaie K, et al. **Eur J Biochem** 1984 Nov 2; 144(3):485–9

The accuracy of Q beta RNA translation. 2. Errors during the synthesis of Q beta proteins by cell-free Escherichia coli extracts. Khazaie K, et al. **Eur J Biochem** 1984 Nov 2;144(3):491–5

The mechanism of ion selectivity of OmpF-porin pores of

Escherichia coli. Kobayashi Y, et al. **Eur J Biochem** 1985 Sep 2;151(2):231-6

Beta-D-galactoside transport in Escherichia coli. Solubilization in organic solvent and reconstitution of binding. König B, et al. **Eur J Biochem** 1984 Dec 3; 145(2):397-402

Effects of the ribosomal subunit association on the chemical modification of the 16S and 23S RNAs from Escherichia coli. Meier N, et al. **Eur J Biochem** 1985 Jan 2;146(1):83-7

A high-affinity site for glutathione in the cytoplasm of Escherichia coli and its possible role in potassium retention. Meury J, et al. **Eur J Biochem** 1985 Apr 1;148(1):113-8

Turgor-controlled K+ fluxes and their pathways in Escherichia coli. Meury J, et al. **Eur J Biochem** 1985 Sep 16;151(3):613-9

Demonstration of a bacteriophage receptor site on the Escherichia coli K12 outer-membrane protein OmpC by the use of a protease. Morona R, et al. **Eur J Biochem** 1985 Jul 1;150(1):161-9

Normal precursors of periplasmic proteins accumulated in the cytoplasm are not exported post-translationally in Escherichia coli. Pages JM, et al. **Eur J Biochem** 1984 Sep 17;143(3):499-505

Mechanism of action of gentamicin components. Characteristics of their binding to Escherichia coli ribosomes. Tangy F, et al. **Eur J Biochem** 1985 Mar 1; 147(2):381-6

Isolation and characterization of the Fnr protein, the transcriptional regulator of anaerobic electron transport in Escherichia coli. Unden G, et al. **Eur J Biochem** 1985 Jan 2;146(1):193-9

Interaction of lipid vesicles with an heptoseless strain of Escherichia coli. Proulx P. **Exp Biol** 1985;43(3):191-9

Intersubunit RNA-protein contacts in pre- and post-translocated E. coli ribosome. Abdurashidova GG, et al. **FEBS Lett** 1985 Jun 17;185(2):291-4

Final steps of the maturation of Omp F, a major protein from the outer membrane of Escherichia coli. Barbas JA, et al. **FEBS Lett** 1985 Aug 19;188(1):73-6

Stoichiometry of GTP hydrolysis in a poly(U)-dependent cell-free translation system. Determination of GTP/peptide bond ratios during codon-specific elongation and misreading. Gavrilova LP, et al. **FEBS Lett** 1984 Dec 10; 178(2):283-7

The L7/L12 proteins change their conformation upon interaction of EF-G with ribosomes. Gudkov AT, et al. **FEBS Lett** 1984 Oct 15;176(1):32-6

Assignment of resonances of exchangeable protons in the NMR spectrum of the complex formed by Escherichia coli ribosomal protein L25 and uniformly nitrogen-15 enriched 5 S RNA fragment. Kime MJ. **FEBS Lett** 1984 Oct 1; 175(2):259-62

The ribosomal binding domain for the bacterial release factors RF-1, RF-2 and RF-3. McCaughan KK, et al. **FEBS Lett** 1984 Sep 17;175(1):90-4

Processing of precursor ribosomal RNA and the presence of a modified ribosome assembly scheme in Escherichia coli relaxed strain. Mackow ER, et al. **FEBS Lett** 1985 Mar 25;182(2):407-12

Changes in the composition of membrane phospholipids during the cell cycle of Escherichia coli. Mozharov AD, et al. **FEBS Lett** 1985 Jul 1;186(1):103-6

Properties of a mutant lactose carrier of Escherichia coli with a Cys148----Ser148 substitution. Neuhaus JM, et al. **FEBS Lett** 1985 Jun 3;185(1):83-8

Protein S4 is near the elongation factor G binding site in the ribosome. Tejedor F, et al. **FEBS Lett** 1985 Mar 25; 182(2):253-6

The effect of GTP hydrolysis and transpeptidation on the arrangement of aminoacyl-tRNA at the A-site of Escherichia coli 70 S ribosomes. Vladimirov SN, et al. **FEBS Lett** 1985 Feb 25;181(2):367-72

tRNA binding to programmed ribosomes increases the ribosomal affinity for tuberactinomycin O. Yamada T, et al. **FEBS Lett** 1985 Jan 1;179(1):37-40

Difference in pathway of Escherichia coli outer membrane permeation between penicillins and cephalosporins. Yamaguchi A, et al. **FEBS Lett** 1985 Feb 11;181(1):143-8

The effect of inhibition of protein synthesis on UV-irradiated Escherichia coli uvrE cells. Bencová M. **Folia Microbiol (Praha)** 1985;30(1):3-16

Regulated high-level expression of the Herpes simplex type I thymidine kinase gene in Escherichia coli. Hare DL, et al. **Gene** 1984 Dec;32(1-2):117-28

Expression of a putative plant viral gene in Escherichia coli. Mesnard JM, et al. **Gene** 1984 Nov;31(1-3):39-47

Polyamine requirement for microbial protein synthesis: structural specificity in cell-free systems of Escherichia coli. Praisler R, et al. **Hoppe Seylers Z Physiol Chem** 1984 Sep;365(9):1155-62

Molecular cloning of Mycobacterium tuberculosis H37RaDNA in Escherichia coli. Bhattacharya S, et al. **Indian J Biochem Biophys** 1984 Jun;21(3):201-2

Antienterotoxic effect of Myristica fragrans (nutmeg) on enterotoxigenic Escherichia coli. Rashid A, et al. **Indian J Med Res** 1984 May;79:694-6

Inorganic pyrophosphate and inorganic pyrophosphatase in Escherichia coli. Kukko-Kalske E, et al. **Int J Biochem** 1985;17(5):575-80 (56 ref.)

Enzymic hydrolysis of erythromycin by a strain of Escherichia coli. A new mechanism of resistance. Barthélemy P, et al. **J Antibiot (Tokyo)** 1984 Dec; 37(12):1692-6

Antimicrobial effects of cefotaxime as studied by the potentiometric measurement of lipoic acid reduction in Escherichia coli cultures. Junter GA, et al. **J Antimicrob Chemother** 1985 Jun;15(6):685-93

Binding of latamoxef (moxalactam) and its decarboxylated derivative to Escherichia coli and Pseudomonas aeruginosa penicillin-binding proteins. Labia R, et al. **J Antimicrob Chemother** 1985 Jan;15(1):9-15

Manipulation of intracellular magnesium content in polymyxin B nonapeptide-sensitized Escherichia coli by ionophore A23187. Alatossava T, et al. **J Bacteriol** 1985 Apr;162(1):413-9

Trapping of the substrate-derived acyl enzyme intermediate of purified penicillin-binding protein 1a of Escherichia coli. Amanuma H, et al. **J Bacteriol** 1984 Nov;160(2):824-5

Simultaneous release of penicilloic acid and phenylacetyl glycine by penicillin-binding proteins 5 and 6 of Escherichia coli. Amanuma H, et al. **J Bacteriol** 1984 Nov; 160(2):822-3

Proton translocation coupled to dimethyl sulfoxide reduction in anaerobically grown Escherichia coli HB101. Bilous PT, et al. **J Bacteriol** 1985 Jul;163(1):369-75

Maltose-binding protein does not modulate the activity of maltoporin as a general porin in Escherichia coli. Brass JM, et al. **J Bacteriol** 1985 Feb;161(2):720-6

Alkaline phosphatase and OmpA protein can be translocated posttranslationally into membrane vesicles of Escherichia coli. Chen L, et al. **J Bacteriol** 1985 Mar;161(3):973-80

Autogenous posttranscriptional regulation of RNA polymerase beta and beta' subunit synthesis in Escherichia coli. Dennis PP, et al. **J Bacteriol** 1985 Feb;161(2):803-6

Pi exchange mediated by the GlpT-dependent sn-glycerol-3-phosphate transport system in Escherichia coli. Elvin CM, et al. **J Bacteriol** 1985 Mar;161(3):1054-8

Escherichia coli hemolysin is released extracellularly without cleavage of a signal peptide. Felmlee T, et al. **J Bacteriol** 1985 Jul;163(1):88-93

In vivo synthesis of histidine by a cloned histidine ammonia-lyase in Escherichia coli. Fuchs RL, et al. **J Bacteriol** 1985 Apr;162(1):98-101

Evidence for RecA protein association with the cell membrane and for changes in the levels of major outer membrane proteins in SOS-induced Escherichia coli cells. Garvey N, et al. **J Bacteriol** 1985 Sep;163(3):870-6

Release of cell wall peptides into culture medium by exponentially growing Escherichia coli. Goodell EW, et al. **J Bacteriol** 1985 Apr;162(1):391-7

Recycling of murein by Escherichia coli. Goodell EW. **J Bacteriol** 1985 Jul;163(1):305-10

Accumulation of prolipoprotein in Escherichia coli mutants defective in protein secretion. Hayashi S, et al. **J Bacteriol** 1985 Mar;161(3):949-54

Irreversible binding to the receptor of bacteriophages T5 and BF23 does not occur with the tip of the tail. Heller KJ, et al. **J Bacteriol** 1985 May;162(2):621-5

Defective secretion of maltose- and ribose-binding proteins caused by a truncated periplasmic protein in Escherichia coli. Hengge R, et al. **J Bacteriol** 1985 Jun;162(3):972-8

Relaxation of supercoiled plasmid DNA by oxidative stresses in Escherichia coli. Horiuchi H, et al. **J Bacteriol** 1984 Dec;160(3):1017-21

An acidic or basic amino acid at position 26 of the b subunit of Escherichia coli F1F0-ATPase impairs membrane proton permeability: suppression of the uncF469 nonsense mutation. Jans DA, et al. **J Bacteriol** 1984 Nov; 160(2):764-70

Effects of K+ and Na+ on the proton motive force of respiring Escherichia coli at alkaline pH. Kashket ER. **J Bacteriol** 1985 Aug;163(2):423-9

Permeability changes in the cytoplasmic membrane of Escherichia coli K-12 early after infection with bacteriophage T1. Keweloh H, et al. **J Bacteriol** 1984 Oct; 160(1):347-53

Increased permeability and subsequent resealing of the host cell membrane early after infection of Escherichia coli with bacteriophage T1. Keweloh HW, et al. **J Bacteriol** 1984 Oct;160(1):354-9

UDP-N-acetylmuramylpentapeptide as acceptor in murein biosynthesis in Escherichia coli membranes and ether-permeabilized cells. Kraus W, et al. **J Bacteriol** 1985 Jun;162(3):1000-4

Productive phage infection in Escherichia coli with reduced internal levels of the major cations. Kuhn A, et al. **J Bacteriol** 1985 Sep;163(3):906-12

Evidence for specificity at an early step in protein export in Escherichia coli. Kumamoto CA, et al. **J Bacteriol** 1985 Jul;163(1):267-74

Cadmium uptake in Escherichia coli K-12. Laddaga RA, et al. **J Bacteriol** 1985 Jun;162(3):1100-5

sn-Glycerol-3-phosphate auxotrophy of plsB strains of Escherichia coli: evidence that a second mutation, plsX, is required. Larson TJ, et al. **J Bacteriol** 1984 Nov; 160(2):711-7

Correlation between degradation and ultrastructure of peptidoglycan during autolysis of Escherichia coli. Leduc M, et al. **J Bacteriol** 1985 Feb;161(2):627-35

Isolation and characterization of mutant strains of Escherichia coli altered in H2 metabolism. Lee JH, et al. **J Bacteriol** 1985 Apr;162(1):344-52

Single transporter for sulfate, selenate, and selenite in Escherichia coli K-12. Lindblow-Kull C, et al. **J Bacteriol** 1985 Sep;163(3):1267-9

Anaerobic iron uptake by Escherichia coli. Lodge JS, et al. **J Bacteriol** 1984 Nov;160(2):801-4

Effect of growth conditions on peptidoglycan content and cytoplasmic steps of its biosynthesis in Escherichia coli. Mengin-Lecreulx D, et al. **J Bacteriol** 1985 Jul; 163(1):208-12

Glycine betaine transport in Escherichia coli: osmotic modulation. Perroud B, et al. **J Bacteriol** 1985 Jan; 161(1):393-401

Spectrophotometric determination of affinities of peptides for their transport systems in Escherichia coli. Perry D, et al. **J Bacteriol** 1984 Dec;160(3):943-8

Role of protein synthesis in the survival of carbon-starved Escherichia coli K-12. Reeve CA, et al. **J Bacteriol** 1984 Dec;160(3):1041-6

Possible involvement of lipoic acid in binding protein-dependent transport systems in Escherichia coli. Richarme G. **J Bacteriol** 1985 Apr;162(1):286-93

Cell wall receptor for bacteriophage Mu G(+). Sandulache R, et al. **J Bacteriol** 1984 Oct;160(1):299-303

Control of utilization of L-arginine, L-ornithine, agmatine, and putrescine as nitrogen sources in Escherichia coli K-12. Shaibe E, et al. **J Bacteriol** 1985 Sep;163(3):938-42

Metabolic pathway for the utilization of L-arginine, L-ornithine, agmatine, and putrescine as nitrogen sources in Escherichia coli K-12. Shaibe E, et al. **J Bacteriol** 1985 Sep;163(3):933-7

Biosynthesis of novel acidic phospholipid analogs in Escherichia coli. Shibuya I, et al. **J Bacteriol** 1985 Feb; 161(2):473-7

Escherichia coli mutants possessing an Li+-resistant melibiose carrier. Shiota S, et al. **J Bacteriol** 1985 Apr; 162(1):106-9

Starvation for ilvB operon leader amino acids other than leucine or valine does not increase acetohydroxy acid synthase activity in Escherichia coli. Tsui P, et al. **J Bacteriol** 1985 Jun;162(3):1314-6

Penicillin-insensitive incorporation of D-amino acids into cell wall peptidoglycan influences the amount of bound lipoprotein in Escherichia coli. Tsuruoka T, et al. **J Bacteriol** 1984 Dec;160(3):889-94

Glutathione reductase is not required for maintenance of reduced glutathione in Escherichia coli K-12. Tuggle CK, et al. **J Bacteriol** 1985 Apr;162(1):448-50

Pantothenate transport in Escherichia coli. Vallari DS, et al. **J Bacteriol** 1985 Jun;162(3):1156-61

Energy transduction by electron transfer via a pyrrolo-quinoline quinone-dependent glucose dehydrogenase in Escherichia coli, Pseudomonas aeruginosa, and Acinetobacter calcoaceticus (var. lwoffi). van Schie BJ, et al. **J Bacteriol** 1985 Aug;163(2):493-9

Effect of DNA gyrase inactivation on RNA synthesis in Escherichia coli. Wahle E, et al. **J Bacteriol** 1985 Apr; 162(1):458-60

Membrane proteins correlated with expression of the polysialic acid capsule in Escherichia coli K1. Whitfield C, et al. **J Bacteriol** 1985 Feb;161(2):743-9

Proton translocation coupled to nitrite reduction in anaerobically grown Escherichia coli. Sawada MT, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):205-11

The protein composition of the cytoplasmic membrane of aerobically and anaerobically grown Escherichia coli. Visser RG, et al. **J Bioenerg Biomembr** 1984 Aug; 16(4):295-307

The synthesis of export-defective proteins can interfere with normal protein export in Escherichia coli. Bankaitis VA, et al. **J Biol Chem** 1984 Oct 10;259(19):12193-200

Specificity of binding of a strain of uropathogenic Escherichia coli to Gal alpha 1----4Gal-containing glycosphingolipids. Bock K, et al. **J Biol Chem** 1985 Jul 15;260(14):8545-51

A monoclonal antibody that recognizes the functional domain of Escherichia coli single-stranded DNA binding protein that includes the ssb-113 mutation. Chase JW, et al. **J Biol Chem** 1985 Jun 25;260(12):7214-8

The role of intramembrane Ca2+ in the hydrolysis of the phospholipids of Escherichia coli by Ca2+-dependent phospholipases. Elsbach P, et al. **J Biol Chem** 1985 Feb 10;260(3):1618-22

Isolation and analysis of an Abelson murine leukemia virus-encoded tyrosine-specific kinase produced in Escherichia coli. Ferguson B, et al. **J Biol Chem** 1985 Mar 25;260(6):3652-7

Binding of Escherichia coli to fibronectin. A mechanism of tissue adherence. Fröman G, et al. **J Biol Chem** 1984 Dec 10;259(23):14899-905

Purification and characterization of a periplasmic oligopeptide binding protein from Escherichia coli. Guyer CA, et al. **J Biol Chem** 1985 Sep 5;260(19):10812-8

Kinetics of synthesis, processing, and membrane transport of heat-labile enterotoxin, a periplasmic protein in Escherichia coli. Hofstra H, et al. **J Biol Chem** 1984 Dec 25;259(24):15182-7

Characterization of ammonium (methylammonium)/potassium antiport in Escherichia coli. Jayakumar A, et al. **J Biol Chem** 1985 Jun 25; 260(12):7528-32

Affinity labeling of a tyrosine residue in the ATP binding site of the recA protein from Escherichia coli with 5'-p-fluorosulfonylbenzoyladenosine. Knight KL, et al. **J Biol Chem** 1985 Aug 25;260(18):10177-84

Tyrosine 264 in the recA protein from Escherichia coli is the site of modification by the photoaffinity label 8-azidoadenosine 5'–triphosphate. Knight KL, et al. **J Biol Chem** 1985 Aug 25;260(18):10185–91

The effect of a bacteriophage T4–induced polypeptide on host RNA polymerase interaction with promoters. Malik S, et al. **J Biol Chem** 1984 Nov 10;259(21):13292–7

Dependence of maltose transport and chemotaxis on the amount of maltose–binding protein. Manson MD, et al. **J Biol Chem** 1985 Aug 15;260(17):9727–33

Processing of Bacillus cereus 569/H beta–lactamase I in Escherichia coli and Bacillus subtilis. Mézes PS, et al. **J Biol Chem** 1985 Jan 25;260(2):1218–23

Replication of pBR322 DNA in vitro with purified proteins. Requirement for topoisomerase I in the maintenance of template specificity. Minden JS, et al. **J Biol Chem** 1985 Aug 5;260(16):9316–25

Purification and sequencing of the active site tryptic peptide from penicillin–binding protein 5 from the dacA mutant strain of Escherichia coli (TMRL 1222). Nicholas RA, et al. **J Biol Chem** 1985 May 25;260(10):6394–7

Synthesis and utilization of 8–azidoguanosine 3'–phosphate 5'–[5'-32P]phosphate. Photoaffinity studies on cytosolic proteins of Escherichia coli. Owens JR, et al. **J Biol Chem** 1984 Dec 10;259(23):14843–8

The formation of plectonemic joints by the recA protein of Escherichia coli. Requirement for ATP hydrolysis. Riddles PW, et al. **J Biol Chem** 1985 Jan 10;260(1):170–3

The formation of paranemic and plectonemic joints between DNA molecules by the recA and single–stranded DNA–binding proteins of Escherichia coli. Riddles PW, et al. **J Biol Chem** 1985 Jan 10;260(1):165–9

Biosynthesis and assembly of the polysialic acid capsule in Escherichia coli K1. Activation of sialyl polymer synthesis in inactivate sialyltransferase complexes requires protein synthesis. Whitfield C, et al. **J Biol Chem** 1984 Oct 25; 259(20):12776–80

Biosynthesis and assembly of the polysialic acid capsule in Escherichia coli K1. Role of a low–density vesicle fraction in activation of the endogenous synthesis of sialyl polymers. Whitfield C, et al. **J Biol Chem** 1984 Oct 25; 259(20):12769–75

Phosphoproteins and the phosphoenolpyruvate: sugar phosphotransferase system in Salmonella typhimurium and Escherichia coli: evidence for IIImannose, IIIfructose, IIIglucitol, and the phosphorylation of enzyme IImannitol and enzyme IIN–acetylglucosamine. Waygood EB, et al. **J Cell Biochem** 1984;25(3):139–59 (59 ref.)

Human leukocytic pyrogen test for detection of pyrogenic material in growth hormone produced by recombinant Escherichia coli. Dinarello CA, et al. **J Clin Microbiol** 1984 Sep;20(3):323–9

Detection of heat–labile enterotoxin–producing Escherichia coli: comparison among the anti–CT Biken test, the anti–LT Biken test, the GM1 ELISA and the Y1 adrenal cell assay. De Mol P, et al. **J Diarrhoeal Dis Res** 1984 Jun;2(2):99–101

Detection of heat–labile enterotoxin–producing Escherichia coli strains by a staphylococcal coagglutination technique. Sen AK, et al. **J Diarrhoeal Dis Res** 1984 Mar;2(1):33–6

Interactions between mutations affecting ribosome synthesis in Escherichia coli. Butler PD, et al. **J Gen Microbiol** 1985 Apr;131 (Pt 4):945–9

Ampicillin inactivation in the caecum of axenic, gnotoxenic and conventional lambs: interaction with resistant or sensitive Escherichia coli. Coste M, et al. **J Gen Microbiol** 1984 Jun;130 (Pt 6):1325–30

Chemiluminescence induced by phagocytosis of Escherichia coli by polymorphonuclear leucocytes. Fazeli A, et al. **J Gen Microbiol** 1984 Sep;130 (Pt 9):2267–75

Changes in ATP concentration in Escherichia coli during induction of the SOS system by mitomycin C and bleomycin. Guerrero R, et al. **J Gen Microbiol** 1984 Sep; 130 (Pt 9):2247–51

Origin and fate of the lysophosphatidylethanolamine in a chain–forming mutant (envC) of Escherichia coli. Michel GP, et al. **J Gen Microbiol** 1984 Jun;130 (Pt 6):1391–8

Transport and hydrolysis of antibacterial peptide analogues in Escherichia coli: backbone–modified aminoxy peptides. Payne JW, et al. **J Gen Microbiol** 1984 Sep;130 (Pt 9):2253–65

Nitrogen regulation of synthesis of the high affinity methylammonium transport system of Escherichia coli. Servín–González L, et al. **J Gen Microbiol** 1984 Dec;130 (Pt 12):3071–7

Factors affecting the biosynthesis of L–tryptophan by genetically modified strains of Escherichia coli. Skogman GS, et al. **J Gen Microbiol** 1984 Dec;130 (Pt 12):3091–100

Energy coupling to K+ uptake via the Trk system in Escherichia coli: the role of ATP. Stewart LM, et al. **J Gen Microbiol** 1985 Jan;131 (Pt 1):77–85

Hepatitis B core antigen synthesised in Escherichia coli: its use for antibody screening in patients attending a clinic for sexually transmitted diseases. Cohen BJ, et al. **J Hyg (Lond)** 1984 Oct;93(2):225–32

The association between idiopathic hemolytic uremic syndrome and infection by verotoxin–producing Escherichia coli. Karmali MA, et al. **J Infect Dis** 1985 May; 151(5):775–82

Artificial siderophores. 2. Syntheses of trihydroxamate analogues of rhodotorulic acid and their biological iron transport capabilities in Escherichia coli. Lee BH, et al. **J Med Chem** 1985 Mar;28(3):323–7

A simplified method for detecting the heat–labile enterotoxin of Escherichia coli. Chapman PA, et al. **J Med Microbiol** 1984 Dec;18(3):399–403

A competitive immunosorbent assay for the detection of heat–stable enterotoxin of Escherichia coli. De Mol P, et al. **J Med Microbiol** 1985 Aug;20(1):69–74

Zinc and the heat–labile enterotoxin of Escherichia coli. Sugarman B, et al. **J Med Microbiol** 1984 Dec;18(3):393–8

Na+ (Li+)–proline cotransport in Escherichia coli. Chen CC, et al. **J Membr Biol** 1985;84(2):157–64

Intracellular localization of bacterial lipopolysaccharide using the avidin biotin complex method at the electron microscopic level. Lucas RM, et al. **J Periodontol** 1985 Sep;56(9):553–7

Error propagation in E. coli protein synthesis. Blomberg C, et al. **J Theor Biol** 1985 Apr 7;113(3):407–23

When is the outer membrane of Escherichia coli rate–limiting for uptake of galactosides? West IC, et al. **J Theor Biol** 1984 Sep 7;110(1):11–9

Isolation of different bacteriophages using the LamB protein for adsorption on Escherichia coli K–12. Charbit A, et al. **J Virol** 1985 Feb;53(2):667–71

Reconstitution of the melibiose carrier of Escherichia coli. Wilson DM, et al. **Membr Biochem** 1985;5(4):269–90

Kinetic impairment of restrictive streptomycin–resistant ribosomes. Bohman K, et al. **MGG** 1984;198(1):90–9

Initiation of DNA replication in Escherichia coli: RNase H–deficient mutants do not require the dnaA function. Lindahl G, et al. **MGG** 1984;196(2):283–9

Regulation of haemolysin synthesis in E. coli determined by HLY genes of human origin. Nicaud JM, et al. **MGG** 1985; 199(1):111–6

Maintenance of bacterial plasmids: comparison of theoretical calculations and experiments with plasmid R1 in Escherichia coli. Nordström K, et al. **MGG** 1984;197(1):1–7

10 nm RecA protein filaments formed in the presence of Mg2+ and ATP gamma S may contain RNA. Register JC 3d, et al. **MGG** 1985;199(3):415–20

The respiratory chains of Escherichia coli. Ingledew WJ, et al. **Microbiol Rev** 1984 Sep;48(3):222–71 (510 ref.)

Degradation of human fibronectin by strains of E. coli K12 carrying R factors from Klebsiella pneumoniae. Mignatti P, et al. **Microbiologica** 1985 Jan;8(1):67–71

Binding of some polyhexamethylene biguanides to the cell envelope of Escherichia coli ATCC 8739. Broxton P, et al. **Microbios** 1984;41(163):15–22

Functional implication of the sole arginine residue of ribosomal proteins L7/L12. Hernández F, et al. **Mol Biol Rep** 1984 Dec;10(2):75–8

Characterization of intracellular DNA strand breaks induced by neocarzinostatin in Escherichia coli cells. Boye E, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8281–91

Fluorescence spectral changes of hematoporphyrin derivative upon binding to lipid vesicles, Staphylococcus aureus and Escherichia coli cells. Ehrenberg B, et al. **Photochem Photobiol** 1985 Apr;41(4):429–35

Molybdate reduction by Escherichia coli K–12 and its chl mutants. Campbell AM, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):227–31

ATP is essential for protein translocation into Escherichia coli membrane vesicles. Chen L, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4384–8

Penicillin binding proteins: role in initiation of murein synthesis in Escherichia coli. de la Rosa EJ, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5632–5

Active site and complete sequence of the suicidal methyltransferase that counters alkylation mutagenesis. Demple B, et al. **Proc Natl Acad Sci USA** 1985 May; 82(9):2688–92

Isolation and point of action of a factor from Escherichia coli required to reconstruct translation. Ganoza MC, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1648–52

In vitro translocation of bacterial proteins across the plasma membrane of Escherichia coli. Müller M, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7421–5

Protein export in Escherichia coli requires a soluble activity. Müller M, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(24):7737–41

Site–specifically modified oligodeoxyribonucleotides as templates for Escherichia coli DNA polymerase I. O'Connor D, et al. **Proc Natl Acad Sci USA** 1985 Apr; 82(8):2325–9

Calcium, sodium, phosphate and arsenate transport in cells and vesicles of Escherichia coli. Rosen BP, et al. **Prog Clin Biol Res** 1984;168:219–26

Shiga–like toxin–converting phages from Escherichia coli strains that cause hemorrhagic colitis or infantile diarrhea. O'Brien AD, et al. **Science** 1984 Nov 9;226(4675):694–6

Significance of thermostable enterotoxin produced by porcine enteropathogenic Escherichia coli. de Castro AF, et al. **Vet Rec** 1984 Nov 17;115(20):518–9

Shiga–like toxin production from Escherichia coli associated with calf diarrhoea. Sherwood D, et al. **Vet Rec** 1985 Feb 23;116(8):217–8

Isolation of labeled lipoprotein from Escherichia coli and Proteus mirabilis after incubation with [14C]penicillin. Gruner G, et al. **Z Naturforsch [C]** 1985 May–Jun; 40(5–6):415–20

Stable insertion of C5b–9 complement complexes into the outer membrane of serum treated, susceptible Escherichia coli cells as a prerequisite for killing. Kroll HP, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec; 258(2–3):316–26

[Production of heat–labile Escherichia coli enterotoxin in a synthetic medium and its assay on a culture of Vero cells] Germani Y, et al. **Ann Microbiol (Paris)** 1984 Nov–Dec; 135B(3):291–5 (Eng. Abstr.) **(Fre)**

[Photochemical affinity labeling of the macrolide binding site on the 70S E. coli ribosome] Siegrist S, et al. **C R Acad Sci [III]** 1984;299(3):49–51 (Eng. Abstr.) **(Fre)**

[Permeability of the E. coli cell membrane for thiourea, dimethylsulfoxide and glycerol] Efimov VB, et al. **Biofizika** 1985 May–Jun;30(3):446–9 (Eng. Abstr.) **(Rus)**

[Dynamics of the redox potential in a fed–batch culture of E. coli] Oktiabr'skii ON, et al. **Biofizika** 1984 Sep–Oct; 29(5):831–4 (Eng. Abstr.) **(Rus)**

[Changes in subunit conformation and their reciprocal configuration in the transition from the pretranslocated to the posttranslocated state] Abdurashidova GG, et al. **Bioorg Khim** 1985 Mar;11(3):417–9 (Eng. Abstr.) **(Rus)**

[Mechanisms of the Ca2+–dependent competence of bacteria: the formation of non–bilayer lipid structures in E. coli cells] Sabel'nikov AG, et al. **Dokl Akad Nauk SSSR** 1985;282(3):724–8 **(Rus)**

[Characteristics of tetracycline transport in resistant strains of Escherichia coli] Alimov AP, et al. **Izv Akad Nauk SSSR [Biol]** 1985 Jan–Feb;(1):123–7 (Eng. Abstr.) **(Rus)**

[Role of monovalent cations in tetracycline transport in Escherichia coli] Alimov AP, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Sep–Oct;(5):754–9 (Eng. Abstr.) **(Rus)**

[A model of enzymatic decarboxylation of glutamic acid] Almazov VP, et al. **Mol Biol (Mosk)** 1985 Mar–Apr; 19(2):359–370 (Eng. Abstr.) **(Rus)**

[Photoaffinity modification of Escherichia coli ribosomes near the tRNA–binding centers by tRNAPhe derivatives carrying arylazido groups on guanosine residues] Babkina GT, et al. **Mol Biol (Mosk)** 1984 Sep–Oct;18(5):1306–10 (Eng. Abstr.) **(Rus)**

[Affinity modification of Escherichia coli ribosomes near the acceptor tRNA–binding site] Babkina GT, et al. **Mol Biol (Mosk)** 1984 Sep–Oct;18(5):1287–96 (Eng. Abstr.) **(Rus)**

[Study of the photoaffinity modification of Escherichia coli ribosomes near the donor tRNA–binding center] Bausk EV, et al. **Mol Biol (Mosk)** 1985 Mar–Apr;19(2):545–52 (Eng. Abstr.) **(Rus)**

[Affinity modification of Escherichia coli ribosomes with photoactivated analogs of mRNA] Gimautdinova OI, et al. **Mol Biol (Mosk)** 1984 Jul–Aug;18(4):907–18 (Eng. Abstr.) **(Rus)**

[Puromycin interacts with the donor (P) site of Escherichia coli ribosomes] Ivanov IuV, et al. **Mol Biol (Mosk)** 1984 Sep–Oct;18(5):1301–5 (Eng. Abstr.) **(Rus)**

[Stimulation of peptidyltransferase activity of 50S subunits by alcohols] Maimets TO, et al. **Mol Biol (Mosk)** 1985 May–Jun;19(3):617–22 (Eng. Abstr.) **(Rus)**

[Protein L16 of the Escherichia coli ribosome: possible role in protein biosynthesis] Maimets TO, et al. **Mol Biol (Mosk)** 1984 Nov–Dec;18(6):1597–605 (Eng. Abstr.) **(Rus)**

[The effect of the antibiotic edeine on tRNA interaction with A, P and E sites of Escherichia coli 70S ribosomes] Semenkov IuP, et al. **Mol Biol (Mosk)** 1984 Sep–Oct; 18(5):1348–51 (Eng. Abstr.) **(Rus)**

[Sporadic Escherichia coli 018 infection in newborn infants] Timofeeva GA, et al. **Pediatriia** 1984 Oct;(10):59–61 **(Rus)**

[The effect of corticotropin and hydrocortisone on the dehydration of Krebs cycle substrates in E. coli cells] Korkach VI, et al. **Ukr Biokhim Zh** 1984 Sep–Oct; 56(5):540–5 (Eng. Abstr.) **(Rus)**

[Role of lipid antioxidizing activity in ensuring the viability of microbial cells in air] Bogoslovskaia OA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):24–6 (Eng. Abstr.) **(Rus)**

[Trial of different nutrient media for the production of an intracellular thermolabile enterotoxin by Escherichia coli strains H74–114 and 86] Stepanova MV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):23–6 (Eng. Abstr.) **(Rus)**

[Possible production of 2 cytotoxins by a strain of Escherichia coli] Zepeda–López HM, et al. **Bol Med Hosp Infant Mex** 1985 May;42(5):310–3 (Eng. Abstr.) **(Spa)**

PATHOGENICITY

Isolation and partial characterization of temperature bacteriophages from enteropathogenic strains of Escherichia coli 0111:K58. Sezzano P, et al. **Acta Virol (Praha)** 1985 Jan;29(1):73–8

Expression of type 1 pili by Escherichia coli strains of high and low virulence in the intestinal tract of gnotobiotic turkeys. Dominick MA, et al. **Am J Vet Res** 1985 Jan; 46(1):270–5

Virulence factors of Escherichia coli isolated from cows with acute mastitis. Sanchez–Carlo V, et al. **Am J Vet Res** 1984 Sep;45(9):1775–7

Relationship between pathogenicity in footpad lesion test and invasiveness in Escherichia coli. Buzoni–Gatel D. **Ann Microbiol (Paris)** 1984 Nov–Dec;135B(3):323–9

A footpad lesion test to demonstrate the pathogenicity of Escherichia coli strains. Buzoni-Gatel D, et al. **Ann Microbiol (Paris)** 1984 Nov-Dec;135B(3):311-21

Lethal microbial synergism in intra-abdominal infections. Escherichia coli and Bacteroides fragilis. Rotstein OD, et al. **Arch Surg** 1985 Feb;120(2):146-51

Adhesive properties and iron uptake ability in Escherichia coli lethal and nonlethal for chicks. Dho M, et al. **Avian Dis** 1984 Oct-Dec;28(4):1016-25

Adherence pili in avian strains of Escherichia coli: effect on pathogenicity. Naveh MW, et al. **Avian Dis** 1984 Jul-Sep;28(3):651-61

STb enterotoxin of Escherichia coli: cyclic nucleotide-independent secretion. Weikel CS, et al. **Ciba Found Symp** 1985;112:94-115

Toxicity of microbial products in cell culture. Ongrádi J, et al. **Folia Microbiol (Praha)** 1984;29(6):450-4

Protective activity of Streptococcus faecalis against pathogenic action of Escherichia coli O55 in gnotobiotic pigs. Talafantová M, et al. **Folia Microbiol (Praha)** 1985; 30(3):329-33

A study of pathogenicity of Escherichia coli isolated from different sources. Neeraja, et al. **Indian J Pathol Microbiol** 1984 Jan;27(1):57-62

Monoclonal antibody detection of IncF group plasmid-encoded TraT protein in clinical isolates of Escherichia coli. Bitter-Suermann D, et al. **Infect Immun** 1984 Nov;46(2):308-13

Shiga-like cytotoxin production by enteropathogenic Escherichia coli serogroups. Cleary TG, et al. **Infect Immun** 1985 Jan;47(1):335-7

Difference in susceptibility to gram-negative urinary tract infection between C3H/HeJ and C3H/HeN mice. Hagberg L, et al. **Infect Immun** 1984 Dec;46(3):839-44

Serotypes, hemolysin production, and receptor recognition of Escherichia coli strains associated with neonatal sepsis and meningitis. Korhonen TK, et al. **Infect Immun** 1985 May;48(2):486-91

Does enteropathogenic Escherichia coli produce heat-labile enterotoxin, heat-stable enterotoxins a or b, or cholera toxin A subunits? Long-Krug SA, et al. **Infect Immun** 1984 Nov;46(2):612-4

Association of hydroxamate siderophore (aerobactin) with Escherichia coli isolated from patients with bacteremia. Montgomerie JZ, et al. **Infect Immun** 1984 Dec;46(3):835-8

Adherence of Escherichia coli in pathogenesis of endometritis and effects of estradiol examined by scanning electron microscopy. Nishikawa Y. **Infect Immun** 1985 Jan; 47(1):318-21

Pathogenicity of attaching effacing enteropathogenic Escherichia coli isolated from diarrheic suckling and weanling rabbits for newborn rabbits. Peeters JE, et al. **Infect Immun** 1984 Dec;46(3):690-6

Revised amino acid sequence for a heat-stable enterotoxin produced by an Escherichia coli strain (18D) that is pathogenic for humans. Thompson MR, et al. **Infect Immun** 1985 Mar;47(3):834-6

Aerobactin iron transport genes commonly encoded by certain ColV plasmids occur in the chromosome of a human invasive strain of Escherichia coli K1. Valvano MA, et al. **Infect Immun** 1984 Oct;46(1):159-67

Production of fimbrial adhesins K99 and F41 by enterotoxigenic Escherichia coli as a function of growth-rate domain. van Verseveld HW, et al. **Infect Immun** 1985 Jul;49(1):159-63

Indications that the erythrocyte receptor involved in enterotoxigenic Escherichia coli attachment is a sialoglycoconjugate. Bartus H, et al. **J Clin Microbiol** 1985 Jun;21(6):951-4

Modified enzyme-linked immunosorbent assay for detecting enteroinvasive Escherichia coli and virulent Shigella strains. Pál T, et al. **J Clin Microbiol** 1985 Mar;21(3):415-8

Enterotoxigenic Escherichia coli infections in newborn calves: a review. Acres SD. **J Dairy Sci** 1985 Jan; 68(1):229-56 (152 ref.)

Identification by DNA hybridization of enterotoxigenic Escherichia coli in a longitudinal study of villages in Thailand. Echeverria P, et al. **J Infect Dis** 1985 Jan; 151(1):124-30

Induction of the early hypotensive phase by Escherichia coli: role of bacterial surface structures and inflammatory mediators. Kalter ES, et al. **J Infect Dis** 1985 Sep; 152(3):493-9

Virulence-associated traits in Escherichia coli causing first and recurrent episodes of urinary tract infection in children with or without vesicoureteral reflux. Lomberg H, et al. **J Infect Dis** 1984 Oct;150(4):561-9

A virulence plasmid in Escherichia coli enterotoxigenic for humans: intergenetic transfer and expression. Yamamoto T, et al. **J Infect Dis** 1984 Nov;150(5):688-98

Pathogenic synergy between Escherichia coli and Bacteroides fragilis: studies in an experimental mouse model. Verweij-van Vught AM, et al. **J Med Microbiol** 1985 Jun;19(3):325-31

Protection of suckling mice from heat-stable enterotoxin of Escherichia coli by infant formulas. Cleary TG, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):125-7

Pathogenic significance of P-fimbriated Escherichia coli in urinary tract infections. Domingue GJ, et al. **J Urol** 1985 Jun;133(6):983-9

Aerobactin-mediated uptake of iron is not an essential virulence determinant of enteropathogenic Escherichia coli [letter] Robins-Browne RM, et al. **Lancet** 1985 Jul 20; 2(8447):164

Aerobactin-mediated iron uptake: a virulence determinant in enteropathogenic Escherichia coli? [letter] Williams PH, et al. **Lancet** 1985 Mar 30;1(8431):763

Escherichia coli alpha-hemolysin: characteristics and probable role in pathogenicity. Cavalieri SJ, et al. **Microbiol Rev** 1984 Dec;48(4):326-43 (121 ref.)

Escherichia coli infections [editorial] Levine MM. **N Engl J Med** 1985 Aug 15;313(7):445-7

Fimbrial adhesions of Escherichia coli. Klemm P. **Rev Infect Dis** 1985 May-Jun;7(3):321-40 (132 ref.)

Molecular analysis of the virulence determinants of enterotoxigenic Escherichia coli isolated from domestic animals: applications for vaccine development. Dougan G, et al. **Vet Microbiol** 1985 Apr;10(3):241-57

[Pathogenic factors in strains of enteropathogenic E.coli isolated during an epidemic of infantile diarrhea] Bielaszewská M, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 Mar;34(2):112-22 (Eng. Abstr.) **(Cze)**

[Morphological response of the VERO, PK and MDBK cell lines to infections with E. coli strains isolated from feces] Korych B. **Cesk Epidemiol Mikrobiol Imunol** 1984 Nov; 33(6):324-31 (Eng. Abstr.) **(Cze)**

[Comparative study of adherence to rabbit enterocytes, presence of colonization factors CFA/I and CFA/II and toxinogenesis of 55 strains of Escherichia coli] Germani Y, et al. **Ann Inst Pasteur Microbiol** 1985 Mar-Apr; 136A(2):203-12 (Eng. Abstr.) **(Fre)**

[Role of nonenterotoxigenic Escherichia coli strains (K99-,ST-) in the neonatal pathology of the calf] De Rycke J. **Ann Rech Vet** 1984;15(1):75-95 (153 ref.) (Eng. Abstr.) **(Fre)**

[The significance of bacterial pili in urinary tract infection. I. Pathogenicity of E. coli pili in urinary tract infection] Hirose T, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jul; 75(7):1074-83 (Eng. Abstr.) **(Jpn)**

[Pathogenic role of strains of specific Escherichia coli serotypes in the development of mastitis in cows. I. Clinical course] Malinowski E. **Pol Arch Weter** 1984;24(2):173-86 (Eng. Abstr.) **(Pol)**

[Pathogenic role of strains of specific Escherichia coli serotypes in the development of mastitis in cows. II. Milk changes] Malinowski E. **Pol Arch Weter** 1984;24(2):187-203 (Eng. Abstr.) **(Pol)**

PHYSIOLOGY

Ethanol-soluble substances isolated from Escherichia coli culture filtrate induce polymorphonuclear chemotaxis. Solymossy M, et al. **Acta Microbiol Hung** 1984;31(4):345-54

Interaction between human polymorphonuclear leukocytes (PMNL) and bacteria cultivated in aerobic and anaerobic conditions. Maluszynska GM, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Apr; 93(2):139-43

Effect of monosaccharides and ethyleneglycol on the interaction between Escherichia coli bacteria and Octyl-Sepharose. Ohman L, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Apr; 93(2):133-8

Colicins are not transiently accumulated in the periplasmic space before release from colicinogenic cells. Cavard D, et al. **Biol Cell** 1984;51(1):79-86

Dispersal of motile bacteria from a plane layer. Cridland JV, et al. **Biophys J** 1984 Dec;46(6):781-6

Bacterial adherence. Harber MJ. **Eur J Clin Microbiol** 1985 Jun;4(3):257-61

Ability of rosetting or non-rosetting individual control and inflammatory macrophages to kill Escherichia coli X43 intracellularly. Rhodes JM, et al. **Immunol Lett** 1985; 9(1):33-7

Adhesion of a human fecal Escherichia coli strain to mouse colonic mucus. Cohen PS, et al. **Infect Immun** 1985 Apr; 48(1):139-45

Purification and characterization of a receptor for the 987P pilus of Escherichia coli. Dean EA, et al. **Infect Immun** 1985 Jan;47(1):98-105

Location and distribution of a receptor for the 987P pilus of Escherichia coli in small intestines. Dean EA, et al. **Infect Immun** 1985 Feb;47(2):345-8

Effects of Escherichia coli and Bacteroides fragilis on peritoneal host defenses. Dunn DL, et al. **Infect Immun** 1985 May;48(2):287-91

Enterotoxin production, presence of colonization factor antigen I, and adherence to HeLa cells by Escherichia coli O128 strains belonging to different O subgroups. Guth BE, et al. **Infect Immun** 1985 Jan;47(1):338-40

Adhesion of enterotoxigenic Escherichia coli to human small intestinal enterocytes. Knutton S, et al. **Infect Immun** 1985 Jun;48(3):824-31

Elicitation of enteroluminal neutrophils by enterotoxigenic and nonenterotoxigenic strains of Escherichia coli in swine. Rose R, et al. **Infect Immun** 1985 Jun;48(3):818-23

Correlation between adherence to HeLa cells and serogroups, serotypes, and bioserotypes of Escherichia coli. Scaletsky IC, et al. **Infect Immun** 1985 Sep;49(3):528-32

Functional heterogeneity of intestinal Escherichia coli strains expressing type 1 somatic pili (fimbriae): assessment of bacterial adherence to intestinal membranes and surface hydrophobicity. Sherman PM, et al. **Infect Immun** 1985 Sep;49(3):797-804

Binding of fibronectin to human buccal epithelial cells inhibits the binding of type 1 fimbriated Escherichia coli. Simpson WA, et al. **Infect Immun** 1985 May;48(2):318-23

Role of fibronectin in attachment of Streptococcus pyogenes and Escherichia coli to human cell lines and isolated oral epithelial cells. Stanislawski L, et al. **Infect Immun** 1985 Apr;48(1):257-9

Nutrient chemotactic agents and the in vitro selective control of bacterial colonization. Sugarman B, et al. **Infection** 1984 Sep-Oct;12(5):318-21

Ion selectivity of gram-negative bacterial porins. Benz R, et al. **J Bacteriol** 1985 May;162(2):722-7

Kinetic analysis of the synthesis and assembly of type 1 fimbriae of Escherichia coli. Dodd DC, et al. **J Bacteriol** 1984 Oct;160(1):227-32

Outer membrane protein NmpC of Escherichia coli: pore-forming properties in black lipid bilayers. Hindahl MS, et al. **J Bacteriol** 1984 Sep;159(3):1053-5

Sensory adaptation in bacterial chemotaxis: regulation of demethylation. Kehry MR, et al. **J Bacteriol** 1985 Sep; 163(3):983-90

Release of respiratory control in Escherichia coli after bacteriophage adsorption: process independent of DNA injection. Letellier L, et al. **J Bacteriol** 1985 Jan; 161(1):179-82

Assembly site of bacteriophage f1 corresponds to adhesion zones between the inner and outer membranes of the host cell. Lopez J, et al. **J Bacteriol** 1985 Sep;163(3):1270-4

Chemotactic signaling in filamentous cells of Escherichia coli. Segall JE, et al. **J Bacteriol** 1985 Jan;161(1):51-9

Colicin synthesis and cell death. Spangler R, et al. **J Bacteriol** 1985 Jul;163(1):167-73

Cell envelopes of chemotaxis mutants of Escherichia coli rotate their flagella counterclockwise. Szupica CJ, et al. **J Bacteriol** 1985 Apr;162(1):451-3

Effect of bacteriophage P1 lysogeny on lipopolysaccharide composition and the lambda receptor of Escherichia coli. Tomás JM, et al. **J Bacteriol** 1984 Sep;159(3):1047-52

The protein carboxylmethyltransferase involved in Escherichia coli and Salmonella typhimurium chemotaxis. Stock JB, et al. **Methods Enzymol** 1984;106:310-21

R factor-mediated adhesiveness to mammalian cells in E. coli K12. Mignatti P, et al. **Microbiologica** 1985 Apr; 8(2):101-11

The effect of postnatal age on the adherence of Shigella flexneri, Escherichia coli 0124, and E. coli 0128 to guinea pig intestinal cells. Ashkenazi S, et al. **Pediatr Res** 1984 Dec;18(12):1366-71

Chimeric chemosensory transducers of Escherichia coli. Krikos A, et al. **Proc Natl Acad Sci USA** 1985 Mar; 82(5):1326-30

Adhesion to human cells by Escherichia coli lacking the major subunit of a digalactoside-specific pilus-adhesin. Uhlin BE, et al. **Proc Natl Acad Sci USA** 1985 Mar; 82(6):1800-4

In vivo Escherichia coli K88 adhesion in gnotobiotic piglets: comparison between large white and Chinese piglets. Yvonne DI, et al. **Prog Clin Biol Res** 1985;181:187-90

Queuosine modification in tRNA and expression of genes of electron transport chains. Kersten H. **Prog Nucleic Acid Res Mol Biol** 1984;31:463-5

Resistance of gnotobiotic large white and Chinese piglets to in vivo attachment of a K88ab enterotoxigenic Escherichia coli strain. Chappuis JP, et al. **Reprod Nutr Dev** 1985;25(1A):49-60

Short-chain fatty acids in intestinal content of germfree mice monocontaminated with Escherichia coli or Clostridium difficile. Høverstad T, et al. **Scand J Gastroenterol** 1985 Apr;20(3):373-80

A fluorescent antibody staining technique to detect bacterial adherence to urinary tract epithelial cells. Reid G, et al. **Stain Technol** 1985 Jul;60(4):211-7

Mechanism of the adjuvant effect of hemoglobin in experimental peritonitis. IX: The infection-potentiating effect of hemoglobin in Escherichia coli peritonitis is strain specific. Pruett TL, et al. **Surgery** 1985 Sep;98(3):371-7

Hepatocyte function in sepsis: Kupffer cells mediate a biphasic protein synthesis response in hepatocytes after exposure to endotoxin or killed Escherichia coli. West MA, et al. **Surgery** 1985 Sep;98(3):388-95

Mannose inhibition of Escherichia coli adherence to urinary bladder epithelium: comparison with yeast agglutination. Ruggieri MR, et al. **Urol Res** 1985;13(2):79-84

Attachment of E. coli-bearing K88 antigen to equine brush-border membranes. Tzipori S, et al. **Vet Microbiol** 1984 Oct;9(6):561-70

Scanning and transmission electron microscopy of attaching effacing Escherichia coli in weanling rabbits. Peeters JE, et al. **Vet Pathol** 1985 Jan;22(1):54-9

A phi 80 function inhibitory for growth of lambdoid phage in him mutants of Escherichia coli deficient in integration host factor. II. Physiological analysis of the abortive infection. Mozola MA, et al. **Virology** 1985 Jan 30; 140(2):328-41

[Relationship between the activity of bacteria and their electrokinetic and membrane potentials] Kul'skiĭ LA, et al. **Dokl Akad Nauk SSSR** 1985 May-Jun;282(1):187-8 **(Rus)**

[Changes in the optical density of a bacterial suspension during chemotaxis] Zaval'skiĭ LIu, et al. **Dokl Akad Nauk SSSR** 1984;279(2):488-91 **(Rus)**

RADIATION EFFECTS

Induction of size reduction in Escherichia coli by near-ultraviolet light. Caldeira de Araujo A, et al. **Eur J Biochem** 1985 Feb 1;146(3):605–10

Role of the stringent response in the expression and mechanism of near-ultraviolet induced growth delay. Thiam K, et al. **Eur J Biochem** 1984 Nov 15;145(1):137–42

The formation of photoreactivable damage by direct excitation of DNA in X-irradiated E. coli cells. Duba VV, et al. **Int J Radiat Biol** 1985 Jan;47(1):49–56

Radiation sensitization of Escherichia coli B/r by 2'-chloro-2'-deoxythymidine under various irradiation conditions. Hayashi M, et al. **Int J Radiat Biol** 1985 May;47(5):523–9

Inhibition of excision repair of DNA in u.v.-irradiated Escherichia coli by phenethyl alcohol. Tachibana A, et al. **Int J Radiat Biol** 1985 Jun;47(6):663–71

Photoreactivation of Escherichia coli reverses umuC induction by UV light. Brash DE, et al. **J Bacteriol** 1985 Aug;163(2):460–3

Regulation of the SOS response analyzed by RecA protein amplification. Calsou P, et al. **J Bacteriol** 1985 Jun;162(3):1162–5

Modification of UV-induced mutation frequency and cell survival of Escherichia coli B/r WP2 trpE65 by treatment before irradiation. Doudney CO, et al. **J Bacteriol** 1984 Oct;160(1):233–8

Identity of the photoproduct that causes lacI mutations in UV-irradiated Escherichia coli. Lawrence CW, et al. **J Bacteriol** 1985 Feb;161(2):767–8

Hybridization selection of nucleic acid-protein complexes. 1. Detection of proteins cross-linked to specific mRNAs and DNA sequences by irradiation of intact Escherichia coli cells with ultraviolet light. Schouten JP. **J Biol Chem** 1985 Aug 15;260(17):9916–28

Characterization of a mutation conferring radiation sensitivity, ior, located close to the gene coding for deoxycytidine deaminase in Escherichia coli. Estevenon AM, et al. MGG 1985;200(1):132–7

Mechanism of transient inhibition of DNA synthesis in ultraviolet-irradiated E. coli: inhibition is independent of recA whilst recovery requires RecA protein itself and an additional, inducible SOS function. Khidhir MA, et al. **MGG** 1985;199(1):133–40

Further characterization of repair of 8-methoxypsoralen crosslinks in UV-excision-defective Escherichia coli. Bridges BA. **Mutat Res** 1984 Nov–Dec;132(5–6):153–60

Complementation of a pKM101 derivative that decreases resistance to UV killing but increases susceptibility to mutagenesis. Langer PJ, et al. **Mutat Res** 1985 Jun–Jul;150(1–2):147–58

Occurrence and loss of alkali-labile sites in newly synthesized DNA of UV-irradiated Escherichia coli K12. Slezáriková V, et al. **Mutat Res** 1984 Sep–Oct;132(3–4):79–86

Photoreactivation of UV damage in Escherichia coli uvrA6: lethality is more effectively reversed than either premutagenic lesions or SOS induction. Yamamoto K, et al. **Mutat Res** 1985 Jul;146(1):33–42

Cell sensitivity to irradiation and DNA repair processes. II. The cell sensitivity to ionizing radiation of different LETs. Kozubek S, et al. **Neoplasma** 1984;31(6):685–95

Cell sensitivity to irradiation and DNA repair processes. I. DNA damage and its repair in Escherichia coli. Kozubek S, et al. **Neoplasma** 1984;31(6):675–83

Ultraviolet action spectra for DNA dimer induction, lethality, and mutagenesis in Escherichia coli with emphasis on the UVB region. Peak MJ, et al. **Photochem Photobiol** 1984 Nov;40(5):613–20

Hydrogen peroxide induced resistance to broad-spectrum near-ultraviolet light (300–400 nm) inactivation in Escherichia coli. Sammartano LJ, et al. **Photochem Photobiol** 1985 Mar;41(3):367–70

The effects of exogenous catalase on broad-spectrum near-UV (300–400 nm) treated Escherichia coli cells. Sammartano LJ, et al. **Photochem Photobiol** 1984 Nov;40(5):607–12

Radioprotection of euoxic bacteria by phenothiazine drugs. Maniar HS, et al. **Radiat Environ Biophys** 1984;23(4):279–85

R46 and pKM101 plasmid-mediated resistance to ionizing radiation in Escherichia coli. Francia I, et al. **Radiat Res** 1985 Sep;103(3):410–8

Randomness of base substitution mutations induced in the lacI gene of Escherichia coli by ionizing radiation. Kato T, et al. **Radiat Res** 1985 Feb;101(2):402–6

[RNA-protein cross-links in the 30S ribosome subunit of Escherichia coli induced by high-intensity laser ultraviolet radiation] Budovskiĭ EI, et al. **Dokl Akad Nauk SSSR** 1985;281(4):971–4 **(Rus)**

[Escherichia coli K-12 mutants with increased resistance to ionizing radiation. V. The effect of mutations on spontaneous and radiation mutagenesis] Bresler SE, et al. **Genetika (Moskva)** 1985 Mar;21(3):384–90 (Eng. Abstr.) **(Rus)**

[Effect of alpha-irradiation on sensitive and super resistant mutants of Escherichia coli] Amirtaev KG, et al. **Radiobiologiia** 1985 Jan–Feb;25(1):20–3 (Eng. Abstr.) **(Rus)**

[A method of estimating the effectiveness of ionizing radiation and magnetic fields for phage induction in lysogenic bacterial culture] Anosova MG, et al. **Radiobiologiia** 1985 Mar–Apr;25(2):258–60 (Eng. Abstr.) **(Rus)**

[Temperature-induced radioresistance of Escherichia coli cells] Bresler SE, et al. **Radiobiologiia** 1984 Sep–Oct;24(5):579–83 (Eng. Abstr.) **(Rus)**

[Mutagenic effects of gamma-rays on plasmid DNA in Escherichia coli] Kalinin VL, et al. **Radiobiologiia** 1984 Sep–Oct;24(5):599–602 (Eng. Abstr.) **(Rus)**

[Combined effect of photoreactivation and temperature on the survival of cells from E. coli B, irradiated with short-wave UV light] Petrova IV, et al. **Radiobiologiia** 1984 Sep–Oct;24(5):595–8 (Eng. Abstr.) **(Rus)**

[Role of direct excitation of DNA base molecules in the formation of UV-like damage in Escherichia coli cells irradiated with ionizing radiation] Pitkevich VA, et al. **Radiobiologiia** 1984 Nov–Dec;24(6):739–42 (Eng. Abstr.) **(Rus)**

[The use of the pulse radiolysis method in the study of rapid processes in suspensions of Escherichia coli] Pribush AG, et al. **Radiobiologiia** 1985 Mar–Apr;25(2):169–73 (Eng. Abstr.) **(Rus)**

[Effect of helium-neon laser radiation on the radiosensitivity of Escherichia coli K-12 cells] Voskanian KSh, et al. **Radiobiologiia** 1985 Jul–Aug;25(4):557–60 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

The structure of the bacterial nucleoid. Kleppe K, et al. **Adv Exp Med Biol** 1984;179:457–66

X-ray analysis of the kinetics of Escherichia coli lipid and membrane structural transitions. Ranck JL, et al **Biochemistry** 1984 Oct 9;23(21):4955–61

Projected structure of the pore-forming OmpC protein from Escherichia coli outer membrane. Chang CF, et al. **Biophys J** 1985 May;47(5):629–39

Raman spectroscopy and order in biological systems. Del Giudice E, et al. **Cell Biophys** 1984 Jun;6(2):117–29

Fine structure of the 30 S ribosomal subunit. Kiselev NA, et al. **FEBS Lett** 1985 Jul 1;186(1):21–5

Isolation and separation of physicochemically distinct fimbrial types expressed on a single culture of Escherichia coli O7:K1:H6. Karch H, et al. **Infect Immun** 1985 Feb;47(2):549–54

Capsule of Escherichia coli K29: ultrastructural preservation and immunoelectron microscopy. Bayer ME, et al. **J Bacteriol** 1985 Jun;162(3):985–91

Periplasmic gel: new concept resulting from the reinvestigation of bacterial cell envelope ultrastructure by new methods. Hobot JA, et al. **J Bacteriol** 1984 Oct;160(1):143–52

Electron microscopy of the secondary structure in partially denatured rRNAs of Escherichia coli and Bacillus stearothermophilus. Klein BK, et al. **J Bacteriol** 1985 Mar;161(3):981–8

Phase separation between nucleoid and cytoplasm in Escherichia coli as defined by immersive refractometry. Valkenburg JA, et al. **J Bacteriol** 1984 Dec;160(3):1151–7

Confocal scanning light microscopy of the Escherichia coli nucleoid: comparison with phase-contrast and electron microscope images. Valkenburg JA, et al. **J Bacteriol** 1985 Feb;161(2):478–83

Localization of sites of photoaffinity labeling of the large subunit of Escherichia coli ribosomes by arylazide derivative of puromycin. Olson HM, et al. **J Biol Chem** 1985 Aug 25;260(18):10326–31

Epidemic outbreaks of acute pyelonephritis caused by nosocomial spread of P fimbriated Escherichia coli in children. Tullus K, et al. **J Infect Dis** 1984 Nov;150(5):728–36

Comparative electron microscopic study on the location of ribosomal proteins S3 and S7 on the surface of the E. coli 30S subunit using monoclonal and conventional antibody. Breitenreuter G, et al. **MGG** 1984;197(2):189–95

Morphological changes in spherical E. coli induced by a DC electrical field. Ellis HW. **Microbios** 1985;42(168):119–24

[Frequency of FY and K99 pili in strains of Escherichia coli isolated from diarrheal calves in France] Contrepois M, et al. **Ann Rech Vet** 1985;16(1):25–8 (Eng. Abstr.) **(Fre)**

[Structural and functional changes in bacterial cells during space flight] Zaloguev SN, et al. **Dokl Akad Nauk SSSR** 1984;278(5):1236–7 **(Rus)**

ESCHERICHIA COLI INFECTIONS

Escherichia coli gas production in a stillborn fetus. Jasnosz KM, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):1001–2

Hemorrhagic colitis associated with Escherichia coli O157:H7 [letter] Martin T, et al. **Can Med Assoc J** 1984 Dec 1;131(11):1329

Left and right ventricular function in porcine Escherichia coli sepsis. Teule GJ, et al. **Circ Shock** 1985;15(3):185–92

Enteropathogenic Escherichia coli enteritis: evaluation of the gnotobiotic piglet as a model of human infection. Tzipori S, et al. **Gut** 1985 Jun;26(6):570–8

Neonatal gram negative pyogenic meningitis: therapeutic evaluation. Reddy MD, et al. **Indian J Pediatr** 1985 Jan–Feb;52(414):53–6

Gastroenteritis associated with enterotoxigenic Escherichia coli 078 H12. Moloney AC, et al. **Ir J Med Sci** 1985 Jan;154(1):23–6

Abdominal aortic aneurysms infected by Escherichia coli. McNamara MF, et al. **Surgery** 1985 Jul;98(1):87–92

[Why is erythromycin ineffective against enteric bacteria and how does E. coli cause urosepsis?] Mäkelä PH. **Duodecim** 1985;101(3):272–81 **(Fin)**

[Travellers' diarrhea. Current data on the role of enterotoxigenic Escherichia coli] Charmot G. **Ann Gastroenterol Hepatol (Paris)** 1984 Oct–Nov;20(5):289–94 (Eng. Abstr.) **(Fre)**

[Purulent pericarditis in a patient with an abscess in the left lobe of the liver in the subphrenic area] Kalimanovska D, et al. **Srp Arh Celok Lek** 1984 Jun;112(6):717–23 (Eng. Abstr.) **(Scc)**

BLOOD

Tissue thromboplastin generation in circulating mononuclear phagocytes and development of coagulation disorders during E. coli endotoxinaemia in pigs. Andersen OK, et al. **Acta Chir Scand** 1985;151(3):205–11

Release of gastrointestinal peptides during E. coli endotoxinaemia. Revhaug A, et al. **Acta Chir Scand** 1984;150(7):535–9

Endotoxinemia and thrombocytopenia during neonatal necrotizing enterocolitis. Scheifele DW, et al. **Am J Clin Pathol** 1985 Feb;83(2):227–9

Plasma fibronectin response to Escherichia coli and hemoglobin. Velky TS, et al. **Arch Surg** 1985 Feb;120(2):142–5

Plasma gastrointestinal glucagon concentration in dogs administered LD100 Escherichia coli. Ishida K, et al. **Curr Surg** 1985 Jul–Aug;42(4):307–11

An experimental method for in vivo studies of pulmonary platelet sequestration. Thörne J, et al. **Eur J Nucl Med** 1984;9(10):472–7

[Beta-glucuronidase in lymphocytes of patients with diabetes mellitus complicated by infections] Moszczyński P, et al. **Folia Med Cracov** 1984;25(1–2):119–25 (Eng. Abstr.) **(Pol)**

COMPLICATIONS

A comparative study of enterotoxigenic Escherichia coli, Shigella, Aeromonas, and Vibrio as etiologies of diarrhea in northeastern Thailand. Echeverria P, et al. **Am J Trop Med Hyg** 1985 May;34(3):547–54

Bilateral endogenous Escherichia coli endophthalmitis. Zakka K, et al. **Ann Ophthalmol** 1985 Mar;17(3):212–3, 215

Escherichia coli bacteraemia in chronic schistosomiasis. Farid Z, et al. **Ann Trop Med Parasitol** 1984 Dec;78(6):661–2

Diarrhoeagenic Escherichia coli in hospitalized children in Dhaka. Moyenuddin M, et al. **Bangladesh Med Res Counc Bull** 1985 Jun;11(1):20–7

Fulminant gangrene in transient cold agglutinemia associated with Escherichia coli infection. Poldre P, et al. **Can Med Assoc J** 1985 Feb 1;132(3):261–3

Acute polymyalgia in severely neutropenic patients with E. coli septicaemia after high-dose steroid therapy—a discrete syndrome? [letter] Blecher TE, et al. **Clin Lab Haematol** 1985;7(1):97–9

Synergistic rotavirus and Escherichia coli diarrheal infection of mice. Newsome PM, et al. **Infect Immun** 1985 Feb;47(2):573–4

Spontaneous fistulization of a pancreatic abscess into the stomach. Ovnat A, et al. **Isr J Med Sci** 1985 Jun;21(6):548–50

Hypoglycemia as a manifestation of sepsis in an elderly patient. Berkman P, et al. **J Am Geriatr Soc** 1985 Sep;33(9):644–5

The association between idiopathic hemolytic uremic syndrome and infection by verotoxin-producing Escherichia coli. Karmali MA, et al. **J Infect Dis** 1985 May;151(5):775–82

Neonatal meningitis caused by Escherichia coli in The Netherlands. Mulder CJ, et al. **J Infect Dis** 1984 Dec;150(6):935–40

Bacterial synergism between the enterococcus and Escherichia coli. Fry DE, et al. **J Surg Res** 1985 May;38(5):475–8

Leads from the MMWR. Hemolytic-uremic syndrome associated with Escherichia coli 0157:H7 enteric infections—United States, 1984. **JAMA** 1985 Mar 15;253(11):1541

Hemolytic-uremic syndrome associated with Escherichia coli O 157:H7 enteric infections—United States, 1984. **MMWR** 1985 Jan 18;34(2):20–1

Gastroenteritis caused by Escherichia coli and Shigella retards the growth of children. **Nutr Rev** 1985 Jun;43(6):169–70

Tachycardia as a sign of early onset neonatal sepsis. Graves GR, et al. **Pediatr Infect Dis** 1984 Sep–Oct;3(5):404–6

Jaundice complicating urinary tract infection in childhood. Hamdan JM, et al. **Pediatr Infect Dis** 1985 Jul–Aug;4(4):418–9

[Liver involvement in extrahepatic infection] Ebbehøj N, et al. **Ugeskr Laeger** 1985 Jan 14;147(3):175–6 (Eng. Abstr.) **(Dan)**

[Infectious urachal cyst: a case report] Tanaka H, et al. **Hinyokika Kiyo** 1984 Apr;30(4):501–5 (Eng. Abstr.) **(Jpn)**

[Muscle hypotonia in urinary tract infection and hyperphosphaturia in infants] Bittner K, et al. **Pediatr Pol** 1985 Feb;60(2):133–42 **(Pol)**

[Diffuse encephalomalacia in a newborn infant with septicemia complicated by disseminated intravascular coagulation] Godula-Stuglik U, et al. **Pediatr Pol** 1984 Aug;59(8):659–62 **(Pol)**

[Hemorrhage caused by gallbladder perforation with coexistent Escherichia coli infection] Jonecko A, et al. **Wiad Lek** 1984 Jun 1;37(11):877–80 (Eng. Abstr.) (Pol)

DIAGNOSIS

Escherichia coli abscess as an adrenal mass [letter] Echaniz A, et al. **Ann Intern Med** 1985 Sep;103(3):481

Detection of Escherichia coli in blood using flow cytometry. Mansour JD, et al. **Cytometry** 1985 May;6(3):186–90

Renal abscess: report of a case with sonographic, urographic and CT evaluation. Weigert F, et al. **Eur J Radiol** 1985 Aug;5(3):224–5

Enteropathogens colonisation of the jejunum in paediatric diarrhoea. Bhan MK, et al. **Indian J Med Res** 1985 Feb; 81:133–9

Studies on clinical expression of enterotoxigenic Escherichia coli diarrhoea in Calcutta. Bhattacharya SK, et al. **J Assoc Physicians India** 1984 Dec;32(12):1049–51

The detection of Escherichia coli heat-labile enterotoxin by enzyme-linked immunosorbent assay. Clarke DR, et al. **J Infect** 1984 Nov;9(3):244–51

Emphysematous pyelonephritis in a renal transplant: sonographic and computed tomographic features. Balsara VJ, et al. **J Ultrasound Med** 1985 Feb;4(2):97–9

Ultrasound detection of focal bacterial nephritis (lobar nephronia) and its evolution into a renal abscess. McCoy RI, et al. **Urol Radiol** 1985;7(2):109–11

[New clinical data on an old disease: renal abscess] Proca E, et al. **Rev Chir [Chir]** 1984 Sep–Oct;33(5):321–30 (Eng. Abstr.) (Rum)

[Sporadic Escherichia coli 018 infection in newborn infants] Timofeeva GA, et al. **Pediatriia** 1984 Oct;(10):59–61 (Rus)

[Clinico-laboratory and epidemiological characteristics of patients excreting EPEC 0151 and EPEC 0124] Gavrilov AF, et al. **Sov Med** 1984;(10):87–90 (Rus)

[Infectious endocarditis: problems of diagnosis and nomenclature] Butkevich OM, et al. **Ter Arkh** 1984; 56(8):43–6 (Eng. Abstr.) (Rus)

[Instrumental and functional diagnosis of pyelonephritis in the transplanted kidney] Chemisova GG, et al. **Vestn Khir** 1984 Aug;133(8):49–53 (Eng. Abstr.) (Rus)

DRUG THERAPY

Cellular energetics and ATP-MgCl2 therapy in sepsis. Chaudry IH. **Am J Emerg Med** 1984 Jan;2(1):38–44

Single-dose ceftriaxone treatment of urinary tract infections. Rosenberg JM, et al. **Ann Emerg Med** 1985 Oct; 14(10):970–2

Paradox between the responses of Escherichia coli K1 to ampicillin and chloramphenicol in vitro and in vivo. Kim KS, et al. **Antimicrob Agents Chemother** 1984 Nov; 26(5):689–93

Aztreonam therapy in experimental meningitis due to Haemophilus influenzae type b and Escherichia coli K1. McCracken GH Jr, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):655–6

Evaluation of naloxone for therapy of Escherichia coli shock. Species differences. Hinshaw LB, et al. **Arch Surg** 1984 Dec;119(12):1410–8

Aminoglycoside in advanced renal failure. Atukorala SD, et al. **Ceylon Med J** 1984 Jun;29(2):101–3

Response of a 'susceptible' Escherichia coli to metronidazole therapy: an investigation using experimental subcutaneous abscesses. Reznikov M, et al. **Chemotherapy** 1985;31(1):50–4

Efficacy of S-2441, a synthetic oligopeptide, in a rat model for gram-negative bacteremia. Balis JU, et al. **Circ Shock** 1985;15(1):5–14

A comparative trial of pivmecillinam/pivampicillin and amoxycillin/clavulanate in the therapy of urinary tract infection in a general practice population. O'Dowd TC, et al. **Curr Med Res Opin** 1984;9(5):310–5

Time course of the pharmacological response to beta-lactam antibiotics in vitro and in vivo. Gerber AU, et al. **Eur J Clin Microbiol** 1984 Dec;3(6):592–7

Lack of antibacterial activity after intravenous hydrogen peroxide infusion in experimental Escherichia coli sepsis. Shenep JL, et al. **Infect Immun** 1985 Jun;48(3):607–10

A randomized double-blind investigation of cefroxadine (CGP 9000) versus cephalexin in urinary tract infection. Hess J, et al. **Infection** 1984 Jul–Aug;12(4):270–3

Antimicrobial activity of latamoxef (moxalactam) against both Bacteroides fragilis and Escherichia coli in an intraperitoneal abscess model. Harris RW, et al. **J Antimicrob Chemother** 1984 Nov;14(5):499–508

Role of antibiotic class in the rate of liberation of endotoxin during therapy for experimental gram-negative bacterial sepsis. Shenep JL, et al. **J Infect Dis** 1985 Jun;151(6):1012–8

Kinetics of endotoxin release during antibiotic therapy for experimental gram-negative bacterial sepsis. Shenep JL, et al. **J Infect Dis** 1984 Sep;150(3):380–8

A randomized comparison of 1-day versus 10-day antibacterial treatment of documented lower urinary tract infection. Pfau A, et al. **J Urol** 1984 Nov;132(5):931–3

Single-day treatment with trimethoprim for asymptomatic bacteriuria in the elderly patient. Renneberg J, et al. **J Urol** 1984 Nov;132(5):934–5

Brain abscess [letter] Enzmann DR, et al. **Neurosurgery** 1985 Jun;16(6):877–8

Effect of gentamicin and dexamethasone on the natural history of the rat Escherichia coli brain abscess model with histopathological correlation. Neuwelt EA, et al. **Neurosurgery** 1984 Oct;15(4):475–83

A randomised comparison of single-dose vs. three-day and ten-day therapy with trimethoprim-sulfamethoxazole for acute cystitis in women. Gossius G, et al. **Scand J Infect Dis** 1984;16(4):373–9

Cefadroxil once daily for three or seven days versus amoxycillin for seven days in uncomplicated urinary tract infections in women. Sandberg T, et al. **Scand J Infect Dis** 1985;17(1):83–7

Limited effects of prostaglandin inhibitors in Escherichia coli sepsis. Hulton NR, et al. **Surgery** 1985 Aug;98(2):291–7

[Effect of cyclophosphamide in experimental pyelonephritis in mice] Slavcheva E, et al. **Eksp Med Morfol** 1984; 23(4):186–95 (Eng. Abstr.) (Bul)

[Clinical efficacy of cefazolin made in China] Hou SR. **Chung Hua Nei Ko Tsa Chih** 1985 Jun;24(6):355–7, 382 (Eng. Abstr.) (Chi)

[Failure of peroral trimethoprim/sulfamethoxazole as infection preventive agent in acute lymphatic leukemia] Melby K, et al. **Tidsskr Nor Laegeforen** 1984 Nov 10; 104(31):2174–5 (Eng. Abstr.) (Nor)

[Kanamycin concentrations in liver tissue and bile in acute experimental cholecystocholangiohepatitis] Alekseenko AV, et al. **Antibiotiki** 1984 Nov;29(11):829–30 (Eng. Abstr.) (Rus)

[Effect of litonit and teturam on the course of biochemical processes in infectious inflammatory lesions of the kidneys in alcoholized animals] Kostev FI. **Biull Eksp Biol Med** 1985 Jun;99(6):661–3 (Eng. Abstr.) (Rus)

ENZYMOLOGY

Lysosomal hydrolases in neutrophils, mononuclear cells and serum during Escherichia coli endotoxinaemia in pigs. Andersen OK, et al. **Scand J Infect Dis** 1984;16(4):349–58

[Activation of the kallikrein-kinin system by endotoxin in the experimental shock model of the rat] Kühne H, et al. **Z Med Lab Diagn** 1985;26(2):67–70 (Eng. Abstr.) (Ger)

ETIOLOGY

Fatal outcome of splenectomy in rats with experimental biliary infection. Tanaka N, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Jun; 93(3):253–4

Pathogenesis of Escherichia coli cystitis and pyelonephritis: apparent lack of significance of bacterial motility and chemotaxis towards human urine. Herrmann B, et al. **Infection** 1985 Jan–Feb;13(1):4–7

Molecular basis of Escherichia coli colonization of the upper urinary tract in BALB/c mice. Gal-Gal pili immunization prevents Escherichia coli pyelonephritis in the BALB/c mouse model of human pyelonephritis. O'Hanley P, et al. **J Clin Invest** 1985 Feb;75(2):347–60

The toxic role of alpha-haemolysin in the pathogenesis of experimental Escherichia coli infection in mice. Smith HW, et al. **J Gen Microbiol** 1985 Feb;131 (Pt 2):395–403

Effect of insulin treatment on the susceptibility of the diabetic rat to Escherichia coli-induced pyelonephritis. Levison ME, et al. **J Infect Dis** 1984 Oct;150(4):554–60

A novel strain of Escherichia coli causing diarrhea, bacteremia, and fever in a human. Thorne GM, et al. **J Infect Dis** 1985 May;151(5):960–3

Biliary obstruction and susceptibility to biliary sepsis in rats. Tanaka N, et al. **Res Exp Med (Berl)** 1985;185(2):115–9

[Post-cannulation purulent thrombophlebitis of the inferior vena cava: preoperative diagnosis using CT and successful surgical treatment] Suchý T, et al. **Rozhl Chir** 1984 Dec; 63(12):856–60 (Eng. Abstr.) (Cze)

[Primary bacterial peritonitis in ascitic cirrhosis patients] Bertoncini M, et al. **Minerva Chir** 1985 May 31;40(10):743–6 (Eng. Abstr.) (Ita)

[Bacterial diarrhoea: diarrhoea caused by enterotoxins] Takeda Y. **Rinsho Byori** 1984 Jul;32(7):701–8 (46 ref.) (Jpn)

FAMILIAL & GENETIC

Evidence for separate genetic defects in C3H/HeJ and C3HeB/FeJ mice, that affect susceptibility to gram-negative infections. Hagberg L, et al. **J Immunol** 1985 Jun;134(6):4118–22

IMMUNOLOGY

Virulence factors of Escherichia coli. I. Mannose resistant haemagglutinating capacity is associated with serogroup but not with site of infection. Czirók E, et al. **Acta Microbiol Hung** 1984;31(3):187–95

Monoclonal antibody detection of IncF group plasmid-encoded TraT protein in clinical isolates of Escherichia coli. Bitter-Suermann D, et al. **Infect Immun** 1984 Nov;46(2):308–13

Production of neutralizing monoclonal antibodies to Escherichia coli heat-stable enterotoxin. Brandwein H, et al. **Infect Immun** 1985 Jan;47(1):242–6

Effects of Escherichia coli and Bacteroides fragilis on peritoneal host defenses. Dunn DL, et al. **Infect Immun** 1985 May;48(2):287–91

Inhibitory effect of estradiol-17 beta and progesterone on bactericidal activity in uteri of rabbits infected with Escherichia coli. Matsuda H, et al. **Infect Immun** 1985 Jun; 48(3):652–7

Stimulation by staphylococcal enterotoxin A of nonspecific resistance of mice to microbial infection. Otani T, et al. **Infect Immun** 1985 Mar;47(3):767–73

Antibodies to O-antigen of lipopolysaccharide are protective against neonatal infection with Escherichia coli K1. Pluschke G, et al. **Infect Immun** 1985 Aug;49(2):365–70

Effect of atropine on oral clearance of a radiolabeled sulfur colloid. LaForce FM, et al. **J Lab Clin Med** 1984 Nov; 104(5):693–7

Sequential study of bacterial clearance in experimental cystitis. Gillon G, et al. **J Med Microbiol** 1984 Dec; 18(3):319–26

Escherichia coli originated from diarrhea of suckling piglets in Taiwan. II. Serological properties. Chen C, et al. **Kitasato Arch Exp Med** 1984 Sep;57(3):211–20

Resistance to invasion by Escherichia coli. Pluschke G, et al. **Prog Clin Biol Res** 1985;181:403–6

[Chemotaxis defect and recurrent E. coli meningitis] Herpertz B, et al. **Monatsschr Kinderheilkd** 1985 Feb;133(2):82–5 (Eng. Abstr.) (Ger)

[O antigen factors in Escherichia coli 01 strains of patients with urinary tract infections] Zingler G, et al. **Z Gesamte Hyg** 1985 Jan;31(1):44–6 (Eng. Abstr.) (Ger)

[Serum resistance of Escherichia coli in chronic pyelonephritis. 1. Serum resistance in the human serum pool] Falkenhagen U, et al. **Z Urol Nephrol** 1984 Jul; 77(7):391–400 (Eng. Abstr.) (Ger)

[Serum resistance of Escherichia coli and serum bactericidal activity in chronic pyelonephritis] Falkenhagen U, et al. **Z Urol Nephrol** 1984 Nov;77(11):629–38 (Eng. Abstr.) (Ger)

[Preliminary results of the vaccine treatment of chronic pyelonephritis in animal experiments] Straube E, et al. **Z Urol Nephrol** 1984 Jul;77(7):401–5 (Eng. Abstr.) (Ger)

[Immunity of the skin—infection and percutaneous immunization of rabbits with E. coli ATCC 13670] Hammerschmidt W, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Apr; 259(2):252–67 (Eng. Abstr.) (Ger)

METABOLISM

Bacteremia-induced changes in pituitary hormone release and effect of naloxone. Leshin LS, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E585–91

Effect of sepsis on VLDL kinetics: responses in basal state and during glucose infusion. Wolfe RR, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E732–40

Glucose and FFA kinetics in sepsis: role of glucagon and sympathetic nervous system activity. Wolfe RR, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):E236–43

Escherichia coli adherence to the intestine of mice. Golderman L, et al. **Isr J Med Sci** 1985 May;21(5):410–4

Hypertriglyceridemia and its relation to tissue lipoprotein lipase activity in endotoxemic, Escherichia coli bacteremic, and polymicrobial septic rats. Scholl RA, et al. **J Surg Res** 1984 Nov;37(5):394–401

The metabolism of an exogenous lipid source during septic shock in the puppy. Coran AG, et al. **JPEN** 1984 Nov-Dec; 8(6):652–6

Escherichia coli originated from diarrhea of suckling piglets in Taiwan. III. Ability to produce enterotoxin and Vero cytotoxin. Chen C, et al. **Kitasato Arch Exp Med** 1984 Sep; 57(3):221–6

MICROBIOLOGY

Enteropathogenic Escherichia coli (EPEC) and enterotoxigenic (ETEC) related diarrhoeal disease in a neonatal unit. Adhikari M, et al. **Ann Trop Paediatr** 1985 Mar;5(1):19–22

Antibiotic resistance and small R plasmids among Escherichia coli isolates from outpatient urinary tract infections in northern Norway. Vorland LH, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):107–13

Escherichia coli bacteremia, meningitis, and hemochromatosis. Christopher GW. **Arch Intern Med** 1985 Oct;145(10):1908

Enteropathogenic Escherichia coli of classic serotypes associated with infant diarrhea: epidemiology and pathogenesis. Levine MM, et al. **Epidemiol Rev** 1984; 6:31–51 (144 ref.)

Changing fecal Escherichia coli flora during travel. Orskov F, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):306–9

Comparative evaluation of GM1-ELISA & tissue culture assays for detection of thermolabile enterotoxin (LT) of Escherichia coli. Mohapatra LN, et al. **Indian J Med Res** 1984 Jun;79:733–40

Enterotoxigenicity of enteropathogenic Escherichia coli isolated from sporadic diarrhoeal patients. Ramachandran VG, et al. **Indian J Med Res** 1984 Nov;80:505–11

Prevalence of R factor carrying multiple drug resistant E. coli strains from cases of diarrhoea in children, U. T. I. and other clinical conditions. Aggarwal RK, et al. **Indian J Med Sci** 1984 Sep;38(9):169–76

Serotypes, hemolysin production, and receptor recognition of Escherichia coli strains associated with neonatal sepsis and meningitis. Korhonen TK, et al. **Infect Immun** 1985 May;48(2):486–91

Quantitative determination of bacterial replication in vivo. Morris Hooke A, et al. **Infect Immun** 1985 Aug;49(2):424–7

Effect of chemotactins released by Staphylococcus aureus and Pseudomonas aeruginosa on the murine respiratory tract. Sordelli DO, et al. **Infect Immun** 1985 Aug;49(2):265-9

P-fimbriae studies on the diagnosis and prevention of acute pyelonephritis. Källenius G, et al. **Infection** 1985 May-Jun;13(3):159-62

In-vivo bactericidal activity of Sch 34343 in Bacteroides fragilis abscesses and in Bacteroides fragilis-Escherichia coli abscesses. Wells CL, et al. **J Antimicrob Chemother** 1985 Jun;15 Suppl C:199-206

Colonization of human wounds by Escherichia vulneris and Escherichia hermannii. Pien FD, et al. **J Clin Microbiol** 1985 Aug;22(2):283-5

Isolation and characterization of enterotoxigenic Escherichia coli from patients with traveller's diarrhoea in Osaka. Abe H, et al. **J Diarrhoeal Dis Res** 1984 Jun;2(2):83-7

An outbreak of gastroenteritis due to Escherichia coli 0142 H6 in a neonatal department. Gerards LJ, et al. **J Hosp Infect** 1984 Sep;5(3):283-8

Escherichia coli 0142.H6; a drug-resistant enteropathogenic clone? Gross RJ, et al. **J Hyg (Lond)** 1985 Apr;94(2):181-91

A study of enterotoxigenic Escherichia coli, serogroup 0126, by bacterial restriction endonuclease DNA analysis (BRENDA). Marshall RB, et al. **J Hyg (Lond)** 1985 Jun;94(3):263-8

Diversity of Escherichia coli isolates in extra-intestinal infections as determined by enzyme patterns [letter] Goullet P, et al. **J Infect** 1985 May;10(3):283-4

Mannose-resistant hemagglutination and P receptor recognition of uropathogenic Escherichia coli isolated from adult patients. Gander RM, et al. **J Infect Dis** 1985 Mar;151(3):508-13

P fimbriated Escherichia coli in adults with acute pyelonephritis [letter] Jacobsen SH, et al. **J Infect Dis** 1985 Aug;152(2):426-7

The diarrheal response of humans to some classic serotypes of enteropathogenic Escherichia coli is dependent on a plasmid encoding an enteroadhesiveness factor. Levine MM, et al. **J Infect Dis** 1985 Sep;152(3):550-9

A newly recognized cause of travelers' diarrhea: enteroadherent Escherichia coli. Mathewson JJ, et al. **J Infect Dis** 1985 Mar;151(3):471-5

Haemorrhagic cystitis and balanitis associated with verotoxin-producing Escherichia coli O157:H7 [letter] Grandsen WR, et al. **Lancet** 1985 Jul 20;2(8447):150

Biochemical characteristics, phage patterns, and O1 factor analysis of Escherichia coli O1:K1:H7:F11 and O1:K1:H-:F9 strains isolated from patients with urinary tract infections. Nimmich W, et al. **Med Microbiol Immunol (Berl)** 1984;173(2):75-85

Escherichia coli infections [editorial] Levine MM. **N Engl J Med** 1985 Aug 15;313(7):445-7

Scanning and transmission electron microscopy of attaching effacing Escherichia coli in weanling rabbits. Peeters JE, et al. **Vet Pathol** 1985 Jan;22(1):54-9

Synergistic lethality in experimental infections with Escherichia coli and Bacteroides fragilis. Rodloff AC, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Oct;258(1):112-9

[Occurrence of Escherichia coli K1 and K5 strains in patients with urinary tract infections] Nimmich W, et al. **Immun Infekt** 1985 Feb;13(1):15-20 (Eng. Abstr.) **(Ger)**

[Genetic causes of possible pathogenicity factors of urinary tract strains (E. coli)] Tschäpe H, et al. **Z Urol Nephrol** 1984 Jul;77(7):407-13 (Eng. Abstr.) **(Ger)**

[Urinary tract infections: bacteriological aspects of recurrent cystitis] Fontana G, et al. **G Batteriol Virol Immunol** 1984 Jan-Jun;77(1-6):33-44 (66 ref.) (Eng. Abstr.) **(Ita)**

[Enteropathogenic Escherichia coli: serotypes in urinary tract infections] Galiński J, et al. **Med Dosw Mikrobiol** 1984;36(4):215-21 (Eng. Abstr.) **(Pol)**

[Differentiation of Escherichia coli strains isolated from patients with urinary tract infection based on biochemical properties, antibiogram and colicinogenic typing] Galiński J, et al. **Med Dosw Mikrobiol** 1984;36(2):107-12 (Eng. Abstr.) **(Pol)**

[Escherichia coli serotypes occurring in respiratory tract infections] Mróz E, et al. **Med Dosw Mikrobiol** 1984;36(2):101-6 (Eng. Abstr.) **(Pol)**

[Occurrence of enterotoxigenic E. coli (ETEC) in cases of enteritis in 0- to 2-year-old infants] Georgescu C, et al. **Rev Ig [Bacteriol]** 1985 Jan-Mar;30(1):35-42 (Eng. Abstr.) **(Rum)**

[Unclear problems in the systematics of the causative agents of cholera-like escherichiasis, its laboratory diagnosis and epidemiology] Avdeeva TA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):3-9 (60 ref.) **(Rus)**

[Analysis of classical enteropathogenic Escherichia coli as an endemic cause of acute diarrhea in Chilean children] Prado V, et al. **Rev Chil Pediatr** 1984 May-Jun;55(3):171-5 (Eng. Abstr.) **(Spa)**

[P-fimbriae receptor interaction. New discoveries in pyelonephritis and urinary sepsis] Källenius G, et al. **Läkartidningen** 1985 Apr 10;82(15):1349-52 **(Swe)**

MORTALITY

Controlled trials for neonatal meningitis [letter] Mulder CJ, et al. **JAMA** 1985 May 17;253(19):2832-3

OCCURRENCE

Person-to-person transmission in an outbreak of enteroinvasive Escherichia coli. Harris JR, et al. **Am J Epidemiol** 1985 Aug;122(2):245-52

Sporadic cases of hemorrhagic colitis associated with Escherichia coli 0157:H7. Clinical, epidemiologic, and bacteriologic features. Pai CH, et al. **Ann Intern Med** 1984 Dec;101(6):738-42

Sporadic cases of hemorrhagic colitis associated with Escherichia coli 0157:H7. Remis RS, et al. **Ann Intern Med** 1984 Nov;101(5):623-6

A nursery outbreak of multiple-aminoglycoside-resistant Escherichia coli. Gaynes RP, et al. **Infect Control** 1984 Nov;5(11):519-24

A study of 280 cases of neonatal meningitis in The Netherlands. Mulder CJ, et al. **J Infect** 1984 Sep;9(2):177-84

A multistate outbreak of gastrointestinal illness caused by enterotoxigenic Escherichia coli in imported semisoft cheese. MacDonald KL, et al. **J Infect Dis** 1985 Apr;151(4):716-20

Epidemic outbreaks of acute pyelonephritis caused by nosocomial spread of P fimbriated Escherichia coli in children. Tullus K, et al. **J Infect Dis** 1984 Nov;150(5):728-36

Escherichia coli originated from diarrhea of suckling piglets in Taiwan. I. Incidence of diarrhea. Chen C, et al. **Kitasato Arch Exp Med** 1984 Sep;57(3):205-9

[An epidemic of diarrhea caused by enteroinvasive serotypes of Escherichia coli 028 ac (Ca 792)] Sobotková J, et al. **Cesk Epidemiol Mikrobiol Imunol** 1984 Sep;33(5):315 **(Cze)**

[Diarrhea due to enterotoxigenic Escherichia coli in New Caledonia. Epidemiology and bacteriologic aspects] Germani Y, et al. **Bull Soc Pathol Exot Filiales** 1984 Jul-Aug;77(4):423-32 (Eng. Abstr.) **(Fre)**

[Outbreak of food toxicoinfection caused by enterotoxic Escherichia coli] Dolzhkevich NIa, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):114 **(Rus)**

[Epidemiology and prevention of acute intestinal diseases caused by Escherichia] Khazenson LB. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jan;(1):22-30 **(Rus)**

[Enteroinvasive Escherichia coli as a cause of an enterocolitis epidemic in soldiers] Cobeljić M, et al. **Vojnosanit Pregl** 1985 Mar-Apr;42(2):88-91 (Eng. Abstr.) **(Ser)**

[Analysis of an outbreak of diarrhea by E. coli 0142 in newborn infants] Hering E, et al. **Rev Chil Pediatr** 1984 May-Jun;55(3):175-9 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Adherence of Escherichia coli in pathogenesis of endometritis and effects of estradiol examined by scanning electron microscopy. Nishikawa Y. **Infect Immun** 1985 Jan;47(1):318-21

Experimental Escherichia coli enteropathy in weanling rabbits: clinical manifestations and pathological findings. Peeters JE, et al. **J Comp Pathol** 1984 Oct;94(4):521-8

A role for hemolysin in Escherichia coli-induced inflammation in granulocytopenic rabbits. Issekutz AC, et al. **J Infect Dis** 1984 Dec;150(6):925-34

Comparison of cartilage destruction between infectious and adjuvant arthritis. Smith RL, et al. **J Orthop Res** 1983;1(2):136-43

Fallopian tubal mucosal damage induced experimentally by Escherichia coli in the rabbit. A scanning electron microscopic study. Laufer N, et al. **Pathol Res Pract** 1984 Jul;178(6):605-10

PHYSIOPATHOLOGY

Hemodynamic response to naloxone during live Escherichia coli sepsis in splenectomized dogs. Rees M, et al. **Ann Surg** 1984 Nov;200(5):614-8

E. coli peritonitis and bacteremia cause increased blood-brain barrier permeability. du Moulin GC, et al. **Brain Res** 1985 Aug 12;340(2):261-8

Myocardial dysfunction in endotoxin- and E. coli-induced shock: pathophysiological mechanisms. Archer LT. **Circ Shock** 1985;15(4):261-80 (63 ref.)

Standardized intraabdominal abscess formation with generalized sepsis: pathophysiology in the rat. Hansson L, et al. **Eur Surg Res** 1985;17(3):155-9

Influence of intraperitoneal Escherichia coli with septicemia on the healing of colonic anastomoses and skin wounds. An experimental study in the rat. Högström H, et al. **Eur Surg Res** 1985;17(2):128-32

Peritonitis and septic shock--an evaluation of two experimental models in the rat. Martinell S, et al. **Eur Surg Res** 1985;17(3):160-6

Effects of ovarian hormones on manifestation of purulent endometritis in rat uteruses infected with Escherichia coli. Nishikawa Y, et al. **Infect Immun** 1985 Jan;47(1):311-7

Altered potassium flux and myocardial dysfunction during sepsis. Levison MA, et al. **J Surg Res** 1984 Oct;37(4):295-303

PREVENTION & CONTROL

Immunogenicity of the ribosomal vaccine extracted from Escherichia coli. Dima VF, et al. **Arch Roum Pathol Exp Microbiol** 1984 Apr-Jun;43(2):127-36

Protection against Escherichia coli-induced urinary tract infections with hybridoma antibodies directed against type 1 fimbriae or complementary D-mannose receptors. Abraham SN, et al. **Infect Immun** 1985 Jun;48(3):625-8

Studies on immunity against Escherichia coli K13 with monoclonal anti-K13 and anti-anti-K13. Söderström T, et al. **Infection** 1984 Jul-Aug;12(4):309-12

Which cephalosporin for wound prophylaxis? An experimental comparison of three drugs. Scher KS, et al. **Surgery** 1985 Jul;98(1):30-4

Streptococcus faecium M 74 in control of diarrhoea induced by a human enterotoxigenic Escherichia coli strain in an infant rabbit model. Wadström T. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug;257(3):357-63

[Effect of immunoglobulin and antibiotic in E. coli infection of malnourished mice] Viell B, et al. **Immun Infekt** 1984 Feb;12(1):61-4 (Eng. Abstr.) **(Ger)**

[Scientific basis for a system for controlling the circulation of pathogenic Escherichia in the environment and among the population] Kas'ianenko AM, et al. **Gig Sanit** 1985 Apr;(4):48-50 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Emphysematous pyelonephritis. Shah BN, et al. **Br J Urol** 1984 Oct;56(5):548-9

Delayed contrast enhancement in acute focal bacterial nephritis: CT features. Ishikawa I, et al. **J Comput Assist Tomogr** 1985 Sep-Oct;9(5):894-7

Acute focal bacterial nephritis: a systematic approach to diagnosis and treatment. Zaontz MR, et al. **J Urol** 1985 May;133(5):752-7

RADIONUCLIDE IMAGING

Photopenic defect within transplanted kidney. Sanchez FW, et al. **Semin Nucl Med** 1984 Oct;14(4):342

SURGERY

[Treatment of patients with bacterial liver abscess] Babenko VF, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):72-5 (Eng. Abstr.) **(Rus)**

THERAPY

Unsuccessful oral rehydration therapy in an infant with enteropathogenic E. coli diarrhoea. Studies of fluid and electrolyte homeostasis. Marin L, et al. **Acta Paediatr Scand** 1985 May;74(3):477-9

Neonatal administration of idiotype or antiidiotype primes for protection against Escherichia coli K13 infection in mice. Stein KE, et al. **J Exp Med** 1984 Oct 1;160(4):1001-11

Peritoneal irrigation (lavage) and local use of antibiotics in diffuse peritonitis. Bjerkeset T. **Scand J Gastroenterol [Suppl]** 1984;100:35-9

Efficacy of type-specific and cross-reactive murine monoclonal antibodies directed against endotoxin during experimental sepsis. Dunn DL, et al. **Surgery** 1985 Aug;98(2):283-90

[Treatment of neonatal sepsis using exchange transfusions] Mihál V, et al. **Cesk Pediatr** 1985 Feb;40(2):111-2 **(Cze)**

[Pleural empyema in children--clinical analysis] Czernik J, et al. **Pediatr Pol** 1984 May;59(5):403-7 (Eng. Abstr.) **(Pol)**

VETERINARY

Arachidonic acid metabolites in milk of cows during acute coliform mastitis. Anderson KL, et al. **Am J Vet Res** 1985 Jul;46(7):1573-7

Use of epidemiologic markers to identify the source of Escherichia coli infections in poultry. Barbour EK, et al. **Am J Vet Res** 1985 Apr;46(4):989-91

Colonization and persistence of Escherichia coli in axenic and monoxenic turkeys. Dominick MA, et al. **Am J Vet Res** 1984 Nov;45(11):2331-5

Effect of a range of social stress severity on Escherichia coli challenge infection. Gross WB. **Am J Vet Res** 1984 Oct;45(10):2074-6

Virulence factors of Escherichia coli isolated from cows with acute mastitis. Sanchez-Carlo V, et al. **Am J Vet Res** 1984 Sep;45(9):1775-7

Biochemical and serologic properties of Escherichia coli isolated from cows with acute mastitis. Sanchez-Carlo V, et al. **Am J Vet Res** 1984 Sep;45(9):1771-4

Colonization of chicken cecae by Escherichia coli associated with hemorrhagic colitis. Beery JT, et al. **Appl Environ Microbiol** 1985 Feb;49(2):310-5

A small episode of single quarter coliform infections in lactating dairy cows kept at pasture. Johnston KG, et al. **Aust Vet J** 1984 Nov;61(11):364-6

Production of H2S by Escherichia coli isolated from poultry: an unusual character useful for epidemiology of colisepticemia. Barbour EK, et al. **Avian Dis** 1985 Apr-Jun;29(2):341-6

Adhesive properties and iron uptake ability in Escherichia coli lethal and nonlethal for chicks. Dho M, et al. **Avian Dis** 1984 Oct-Dec;28(4):1016-25

Surface and cloacal temperatures in chicks of different genetic stocks given an Escherichia coli inoculation. Dunnington EA, et al. **Avian Dis** 1985 Jan-Mar;

29(1):177–87
Immunogenicity of an oil-emulsified Escherichia coli bacterin against heterologous challenge. Gyimah JE, et al. **Avian Dis** 1985 Apr–Jun;29(2):540–5
Adherence pili in avian strains of Escherichia coli: effect on pathogenicity. Naveh MW, et al. **Avian Dis** 1984 Jul–Sep;28(3):651–61
Laboratory and field trials with formalin-inactivated Escherichia coli (O78)-Pasteurella anatipestifer bacterin in white pekin ducks. Sandhu TS, et al. **Avian Dis** 1985 Jan–Mar;29(1):128–35
A field trial to evaluate the efficacy of a combined rotavirus-coronavirus/Escherichia coli vaccine in dairy cattle. Waltner-Toews D, et al. **Can J Comp Med** 1985 Jan;49(1):1–9
Role of Escherichia coli type 1 pilus in colonization of porcine ileum and its protective nature as a vaccine antigen in controlling colibacillosis. Jayappa HG, et al. **Infect Immun** 1985 May;48(2):350–4
Bacterial septicemias in two psittacine birds. Panigrahy B, et al. **J Am Vet Med Assoc** 1985 May 1;186(9):983–4
Newer concepts in treatment of secretory diarrheas. Willard MD. **J Am Vet Med Assoc** 1985 Jan 1;186(1):86–8
The effects of intestinal Escherichia coli 263, intravenous infusion of Escherichia coli 263 culture filtrate and iron dextran supplementation on iron metabolism in the young pig. Knight CD, et al. **J Anim Sci** 1984 Dec;59(6):1519–28
Enterotoxigenic Escherichia coli infections in newborn calves: a review. Acres SD. **J Dairy Sci** 1985 Jan; 68(1):229–56 (152 ref.)
The experimental infection of chickens with mixtures of infectious bronchitis virus and Escherichia coli. Smith HW, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):777–86
Antibiotic resistance in Escherichia coli causing generalized infections in chickens in the UK in 1982: the relationship between the results of in vitro and in vivo furazolidone sensitivity tests. Smith HW, et al. **J Hyg (Lond)** 1984 Dec; 93(3):445–53
The number and location of air sacs in broiler chickens and the implication in Escherichia coli infection. Mitchell JR. **J S Afr Vet Assoc** 1984 Jun;55(2):57–60
Diarrhea in neonatal piglets caused by K99+ST+ enterotoxigenic Escherichia coli. Shimizu M, et al. **Microbiol Immunol** 1984;28(6):645–9
Some effects of Streptococcus faecium M 74 in piglets. Gudding R, et al. **Nord Vet Med** 1985 Jan–Feb;37(1):48–9
Dietary protein and yolk sac inoculation with Escherichia coli in young turkeys. Schmidt GP, et al. **Poult Sci** 1985 Jul;64(7):1343–9
Progressive pathology of severe Escherichia coli mastitis in dairy cows. Hill AW, et al. **Res Vet Sci** 1984 Sep; 37(2):179–87
Serological comparison of the Escherichia coli prototype strains for the F(Y) and Att 25 adhesions implicated in neonatal diarrhoea in calves. Morris JA, et al. **Res Vet Sci** 1985 Mar;38(2):246–7
Evaluation of a monoclonal antibody to the K99 fimbrial adhesin produced by Escherichia coli enterotoxigenic for calves, lambs and piglets. Morris JA, et al. **Res Vet Sci** 1985 Jul;39(1):75–9
Protection of lambs against enteric colibacillosis by vaccination of ewes. Pugh CA, et al. **Res Vet Sci** 1985 May;38(3):255–8
Amoxycillin and clavulanic acid combination in the treatment of experimentally induced bacterial cystitis in cats. Senior DF, et al. **Res Vet Sci** 1985 Jul;39(1):42–6
Molecular analysis of the virulence determinants of enterotoxigenic Escherichia coli isolated from domestic animals: applications for vaccine development. Dougan G, et al. **Vet Microbiol** 1985 Apr;10(3):241–57
Pathology of cloacal bursae of gnotobiotic turkeys orally inoculated with Escherichia coli. Dominick MA, et al. **Vet Pathol** 1985 May;22(3):262–71
Dysentery caused by Escherichia coli (S102-9) in calves: natural and experimental disease. Hall GA, et al. **Vet Pathol** 1985 Mar;22(2):156–63
Ultrastructure of the intestinal mucosa in pigs experimentally inoculated with an edema disease-producing strain of Escherichia coli (0139:K12:H1). Methiyapun S, et al. **Vet Pathol** 1984 Sep;21(5):516–20
Some pharmacokinetic aspects of four sulphonamides and trimethoprim, and their therapeutic efficacy in experimental Escherichia coli infection in poultry. Goren E, et al. **Vet Q** 1984 Jul;6(3):134–40
Isolation of Escherichia coli from an aborted bovine fetus. Moorthy AR. **Vet Rec** 1985 Feb 9;116(6):159
Evaluation of procholeragenoid against experimental colibacillosis in piglets of vaccinated dams. Nagy LK, et al. **Vet Rec** 1985 Feb 2;116(5):123–5
Synergism in experimental mixed infections of newborn colostrum-deprived calves with bovine rotavirus and enterotoxigenic Escherichia coli (ETEC). Hess RG, et al. **Zentralbl Veterinarmed [B]** 1984 Sep;31(8):585–96
Experimental diarrhoea in lambs. Wray C, et al. **Zentralbl Veterinarmed [B]** 1984 Jun;31(5):381–90
[Pharmacokinetics of amoxicillin trihydrate in sheep infected experimentally with Corynebacterium pyogenes and Escherichia coli] Drumev D, et al. **Vet Med Nauki** 1985; 22(5):83–9 (Eng. Abstr.) (Bul)
[Sensitivity to drugs of Escherichia coli strains isolated from poultry with coli septicemia] Giurov B. **Vet Med Nauki** 1985;22(5):16–24 (Eng. Abstr.) (Bul)
[Enzyme constellation of the blood plasma in the prognosis of decreased adaptability in newborn calves] Ivanov V, et al. **Vet Med Nauki** 1985;22(5):60–5 (Eng. Abstr.) (Bul)
[Quality of the colostrum in relation to neonatal diarrhea due to enteropathogenic Escherichia coli in calves] Geene JJ. **Tijdschr Diergeneeskd** 1985 May 1;110(9):345–55 (Eng. Abstr.) (Dut)
[Frequency of FY and K99 pili in strains of Escherichia coli isolated from diarrheal calves in France] Contrepois M, et al. **Ann Rech Vet** 1985;16(1):25–8 (Eng. Abstr.) (Fre)
[Anti-K99 vaccination and colostric protection of calves infected experimentally with Escherichia coli K99] Contrepois M, et al. **Ann Rech Vet** 1985;16(1):41–6 (Eng. Abstr.) (Fre)
[Role of nonenterotoxigenic Escherichia coli strains (K99-,ST-) in the neonatal pathology of the calf] De Rycke J. **Ann Rech Vet** 1984;15(1):75–95 (153 ref.) (Eng. Abstr.) (Fre)
[Oral vaccination of piglets against coli enterotoxemia using streptomycin-dependent revertant of Escherichia coli] Bertschinger HU, et al. **Schweiz Arch Tierheilkd** 1984 Oct; 126(10):497–509 (Eng. Abstr.) (Ger)
[ELISA for the detection of K99 fimbrial antigen of enterotoxic E. coli in feces] Schneider E, et al. **Schweiz Arch Tierheilkd** 1984 Dec;126(12):607–20 (Eng. Abstr.) (Ger)
[The submucous plexus (Meissner) in the calf. II. Light and electron microscopic study following monoinfection or mixed infection with rotaviruses and enterotoxic E. coli] Mannl A, et al. **Zentralbl Veterinarmed [A]** 1985 Jun; 32(6):467–79 (Eng. Abstr.) (Ger)
[Pathogenic role of strains of specific Escherichia coli serotypes in the development of mastitis in cows. I. Clinical course] Malinowski E. **Pol Arch Weter** 1984;24(2):173–86 (Eng. Abstr.) (Pol)
[Pathogenic role of strains of specific Escherichia coli serotypes in the development of mastitis in cows. II. Milk changes] Malinowski E. **Pol Arch Weter** 1984;24(2):187–203 (Eng. Abstr.) (Pol)

ESCHERICHIA COLI PHAGES see **COLIPHAGES**

ESCIN see under **SAPONINS**

ESCULIN see under **BIOFLAVONOIDS**

ESERINE see **PHYSOSTIGMINE**

ESKIMOS

Pigment spots related to scleral emissaries in Eskimos, Mongols, and Caucasians. Norn M. **Acta Ophthalmol (Copenh)** 1985 Apr;63(2):236–41
Pigmentation of plica and lacrymal caruncle. Prevalence among Caucasians, Eskimos, and Japanese. Norn M. **Acta Ophthalmol (Copenh)** 1984 Dec;62(6):939–43
Circumpolar health, 1984: an Alaskan perspective. Mala TA. **Alaska Med** 1984 Oct–Dec;26(4):108–11
Kawasaki disease in an Alaskan Eskimo child. Toomey KE, et al. **Alaska Med** 1985 Apr–Jun;27(2):28–30
The changing epidemiology of hepatitis B virus infection in the Canadian north. Minuk GY, et al. **Am J Epidemiol** 1985 Apr;121(4):598–604
Lung function in Canadian Inuit: a follow-up study. Rode A, et al. **Can Med Assoc J** 1984 Oct 1;131(7):741–4
Ultrastructural investigation of anaplastic salivary gland carcinomas in Eskimos. Sehested M, et al. **Cancer** 1985 Jun 1;55(11):2732–6
Lung function of circumpolar residents undergoing acculturation--a ten year follow-up of Canadian Inuit. Rode A, et al. **Hum Biol** 1985 May;57(2):229–43
Growth, development and acculturation--a ten year comparison of Canadian Inuit children. Rode A, et al. **Hum Biol** 1984 May;56(2):217–30
Early primary infection and high Epstein-Barr virus antibody titers in Greenland Eskimos at high risk for nasopharyngeal carcinoma. Melbye M, et al. **Int J Cancer** 1984 Nov 15; 34(5):619–23
Hereditary polymorphic light eruption in Canadian Inuit. Orr PH, et al. **Int J Dermatol** 1984 Sep;23(7):472–5
Oesophageal cancer among Alaskan natives, 1955–1981. Lanier AP, et al. **Int J Epidemiol** 1985 Mar;14(1):75–8
Acute hepatitis B virus infection: relation of age to the clinical expression of disease and subsequent development of the carrier state. McMahon BJ, et al. **J Infect Dis** 1985 Apr;151(4):599–603
Dental caries in American Indian and Alaskan native children. **MMWR** 1985 Jul 5;34(26):400–1
Plasma essential fatty acids in pure and mixed race American Indians on and off a diet exceptionally rich in salmon. Bates C, et al. **Prostaglandins Leukotrienes Med** 1985 Jan; 17(1):77–84
[Genetic structure of the populations of native inhabitants in the northeastern USSR. III. Asiatic Eskimos and the coast and reindeer Chukchi] Solovenchuk LL. **Genetika (Moskva)** 1984 Nov;20(11):1902–9 (Eng. Abstr.) (Rus)

PSYCHOLOGY

Forensic psychiatric assessments in the Northwest territories. Seltzer A, et al. **Can J Psychiatry** 1984 Dec;29(8):665–8
Children's attitudes toward the elderly: a cross-cultural comparison. Seefeldt C. **Int J Aging Hum Dev** 1984; 19(4):319–28

ESOPHAGEAL ACHALASIA

COMPLICATIONS

Barrett's esophagus in a patient with achalasia. Spring DJ, et al. **Am J Gastroenterol** 1985 May;80(5):330–3
Achalasia complicated by esophagobronchial fistula. Wolf EL, et al. **Am J Gastroenterol** 1985 Jul;80(7):584–5
Achalasia as a risk factor for esophageal carcinoma. A reappraisal. Chuong JJ, et al. **Dig Dis Sci** 1984 Dec; 29(12):1105–8
Carcinoma associated with achalasia. Occurrence 23 years after esophagomyotomy. Heiss FW, et al. **Dig Dis Sci** 1984 Nov;29(11):1066–9
Achalasia and tracheal obstruction in a child. Givan DC, et al. **Eur J Respir Dis** 1985 Jan;66(1):70–3
Bezoar of the esophagus occurring in achalasia [letter] Mansel JJ. **Gastrointest Endosc** 1984 Oct;30(5):317–8
Lower oesophageal diaphragm and achalasia in an adult. An unusual association. Adeyemo AO, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):271–4
[Surgical treatment of esophageal carcinoma in patients with achalasia of the cardia] Kato H, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Oct;32(10):1850–6 (Eng. Abstr.) (Jpn)
[Evaluation of esophageal carcinoma concomitant with achalasia--a statistical reports of 139 institutes in Japan] Mine H, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Dec;32(12):2041–7 (Eng. Abstr.) (Jpn)
[Invagination of the stomach into the esophagus in cardiospasm] Khachiev LG. **Khirurgiia (Mosk)** 1985 Feb; (2):130 (Rus)

CONGENITAL

[Achalasia in the neonatal period and early childhood] Jaschke W, et al. **Z Kinderchir** 1984 Aug;39(4):262–4 (Eng. Abstr.) (Ger)

DIAGNOSIS

Achalasia in an adolescent with behavioral features compatible with anorexia nervosa. Kenney RD. **J Adolesc Health Care** 1984 Oct;5(4):283–5
An adolescent with vomiting and weight loss. Smith MS, et al. **J Adolesc Health Care** 1984 Oct;5(4):279–82
[Achalasia in childhood] Granot E, et al. **Harefuah** 1984 Aug; 107(3–4):76–8 (Eng. Abstr.) (Heb)

ETIOLOGY

Achalasia associated with squamous cell carcinoma of the esophagus: a case report. Rock LA, et al. **Am J Gastroenterol** 1985 Jul;80(7):526–8
Cancer-induced achalasia. Foutch PG, et al. **Ariz Med** 1985 Jan;42(1):13–5
Cricopharyngeal obstruction in inflammatory myopathy (polymyositis/dermatomyositis). Report of three cases and review of the literature. Kagen LJ, et al. **Arthritis Rheum** 1985 Jun;28(6):630–6
Achalasia secondary to nongastrointestinal malignancies. Feczko PJ, et al. **Gastrointest Radiol** 1985;10(3):273–6
Idiopathic cricopharyngeal achalasia. Bar-Maor JA, et al. **Z Kinderchir** 1984 Dec;39(6):392–5
[Achalasia of the lower esophageal sphincter caused by pleural mesothelioma (letter)] Hostein J, et al. **Gastroenterol Clin Biol** 1984 Nov;8(11):880–1 (Fre)
[Megaesophagus secondary to carcinoma of the cardia apropos of 4 cases] Mazure PA, et al. **Acta Gastroenterol Latinoam** 1984;14(2):135–8 (Eng. Abstr.) (Spa)
[1st case of megaesophagus with positive Trypanosoma cruzi serology] Salazar Schettino PM, et al. **Salud Publica Mex** 1984 Sep–Oct;26(5):452–5 (Eng. Abstr.) (Spa)

FAMILIAL & GENETIC

A study of swallowing difficulties in first degree relatives of patients with achalasia. Mayberry JF, et al. **Thorax** 1985 May;40(5):391–3
[Familial hypoglycocorticism syndrome unresponsive to ACTH, achalasia, alacrima, with associated distal neuromyopathy] Degli Esposti A, et al. **Minerva Pediatr** 1985 May 15;37(9):353–9 (Eng. Abstr.) (Ita)

OCCURRENCE

Achalasia in Zimbabwean blacks. Stein CM, et al. **S Afr Med J** 1985 Feb 16;67(7):261–2

PATHOLOGY

Gastroesophageal sphincter pressure and histological changes in distal esophagus in patients with achalasia of the esophagus. Csendes A, et al. **Dig Dis Sci** 1985 Oct 30(10):941–5

PHYSIOPATHOLOGY

Return of peristalsis in achalasia after pneumatic dilatation

Lamet M, et al. **Am J Gastroenterol** 1985 Aug;80(8):602–4

Effects of nifedipine in achalasia and patients with high-amplitude peristaltic esophageal contractions [letter] Román FJ, et al. **JAMA** 1985 Apr 12;253(14):2046–7

[Pharyngo-esophageal time in Chagas esophageal disease] Dantas RO, et al. **Arq Gastroenterol** 1984 Jan–Mar; 21(1):13–6 (Eng. Abstr.) **(Por)**

RADIOGRAPHY

Achalasia cardia in infancy—a case report. Rao PL, et al. **Indian J Gastroenterol** 1985 Jan;4(1):41

[Clinical and radiological diagnosis considerations on 2 cases of achalasia] Limido G, et al. **Minerva Med** 1985 Jan 14; 76(1–2):21–7 (Eng. Abstr.) **(Ita)**

SURGERY

Achalasia of the cardia in children. Buick RG, et al. **Br J Surg** 1985 May;72(5):341–3

Adenocarcinoma and Barrett's esophagus following surgically treated achalasia. Shah AN, et al. **Gastrointest Endosc** 1984 Oct;30(5):294–6

Long term results of Heller's operation for achalasia. Goulbourne IA, et al. **J R Coll Surg Edinb** 1985 Apr; 30(2):101–3

A surgical approach to achalasia of the esophagus. Shiraha S. **Nippon Geka Hokan** 1985 Jan 1;54(1):10–5

[Treatment of esophageal achalasia by Heller's operation, together with esophagofundopexy] Yu YX. **Chung Hua Wai Ko Tsa Chih** 1984 Apr;22(4):230–1 (Eng. Abstr.) **(Chi)**

[Surgical treatment of esophageal achalasia] Laarif R, et al. **Tunis Med** 1985 Jan;63:67–9 (Eng. Abstr.) **(Fre)**

[Cervical achalasia] Meffert O, et al. **Chirurg** 1984 Aug; 55(8):528–9 **(Ger)**

[A case of cancer arising on a multi-operated achalasic megaesophagus] Zannini P, et al. **Chir Ital** 1983 Jun; 35(3):342–9 (Eng. Abstr.) **(Ita)**

[Hiatal hernia as a complication of Heller's operation] Mosca F, et al. **Minerva Chir** 1985 May 15;40(9):653–6 (Eng. Abstr.) **(Ita)**

[The use of intra-operative electromanometry in the surgical treatment of the functional pathology of the esophagus] Benevento A, et al. **Minerva Med** 1984 Sep 29; 75(37):2105–9 (Eng. Abstr.) **(Ita)**

[An experimental study on temporal changes of post-operative anti-reflux effect by modified Mark IV operation for esophageal achalasia] Hirao T. **Nippon Heikatsukin Gakkai Zasshi** 1983 Dec;19(6):503–18 (Eng. Abstr.) **(Jpn)**

[An experimental study on post-operative anti-reflux effect by modified Mark IV operation to esophageal achalasia] Mita S. **Nippon Heikatsukin Gakkai Zasshi** 1983 Dec; 19(6):455–69 (Eng. Abstr.) **(Jpn)**

[Cardiodilatation and cardiomyotomy in the treatment of cardial achalasia] Dotsenko AP, et al. **Klin Khir** 1984 Oct; (10):46–8 (Eng. Abstr.) **(Rus)**

[Our experience in the surgical treatment of achalasia using extramucosal cardiomyotomy] Serrano Quintana LF, et al. **Rev Esp Enferm Apar Dig** 1984 Dec;66(6):509–15 (Eng. Abstr.) **(Spa)**

THERAPY

Pneumatic dilatation in the treatment of achalasia. Monges B, et al. **Int Surg** 1985 Jan–Mar;70(1):17–21

[Gray areas in the treatment of diseases of the esophagogastric junction] Scheurer U. **Schweiz Rundsch Med Prax** 1984 Sep 4;73(36):1080–5 (46 ref.) (Eng. Abstr.) **(Ger)**

[Experiences in the treatment of esophageal achalasia with pneumatic dilatation] Siedentopf K, et al. **Z Gesamte Inn Med** 1985 Feb 15;40(4):99–101 (Eng. Abstr.) **(Ger)**

ESOPHAGEAL AND GASTRIC VARICES

BLOOD

Circulating levels of arginine vasopressin before and during the infusion of the hormone in patients presenting with bleeding oesophageal varices. Jenkins SA, et al. **Clin Exp Pharmacol Physiol** 1984 Sep–Oct;11(5):537–40

[Importance of disorders of primary hemostasis in the occurrence of upper digestive hemorrhage in cirrhosis] Audhuy B, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jul–Sep;20(4):177–82 (Eng. Abstr.) **(Fre)**

COMPLICATIONS

Partial splenic embolization as an emergency treatment for uncontrollable variceal bleeding: a case report. Iwamoto S, et al. **Am J Gastroenterol** 1985 May;80(5):387–90

The Emory prospective randomized trial: selective versus nonselective shunt to control variceal bleeding. Ten year follow-up. Millikan WJ Jr, et al. **Ann Surg** 1985 Jun; 201(6):712–22

Prediction of outcome following acute variceal haemorrhage. Garden OJ, et al. **Br J Surg** 1985 Feb;72(2):91–5

The long-term management of patients after an oesophageal variceal bleed: the role of sclerotherapy. Terblanche J. **Br J Surg** 1985 Feb;72(2):88–90 (37 ref.)

The platelet-fibrin plug in esophageal variceal hemorrhage: the Mount St. Helens' sign [letter] Chung RS, et al. **Gastrointest Endosc** 1984 Aug;30(4):270

Endoscopic Nd:YAG laser therapy for active esophageal variceal bleeding. A randomized controlled study. Fleischer D. **Gastrointest Endosc** 1985 Feb;31(1):4–9

Propranolol and haemorrhage due to rupture of oesophageal varices. Dobrilla G, et al. **Hepatogastroenterology** 1984 Dec;31(6):245–7

Portal pressure, presence of gastroesophageal varices and variceal bleeding. Garcia-Tsao G, et al. **Hepatology** 1985 May–Jun;5(3):419–24

Endoscopic sclerosis and esophageal balloon tamponade in acute hemorrhage from esophagogastric varices: a prospective controlled randomized trial. Paquet KJ, et al. **Hepatology** 1985 Jul–Aug;5(4):580–3

Sengstaken Blakemore balloon tamponade for esophageal variceal bleed. Kamath PS, et al. **Indian J Gastroenterol** 1984 Oct;3(4):233–4

Efficacy of TPN in cirrhotic patients with bleeding esophageal varices . De Antoni E, et al. **Ital J Surg Sci** 1984;14(3):253–5

A review of injection sclerotherapy—the Cape Town experience. Terblanche J. **Jpn J Surg** 1985 Mar; 15(2):103–11 (46 ref.)

Early esophageal carcinoma accompanied by esophageal varices: a case report. Hishikawa Y, et al. **Radiat Med** 1984 Apr–Jun;2(2):101–3

Variceal hemorrhage [letter] Vento AO. **South Med J** 1985 Aug;78(8):1025–6

Problems in localization of bleeding sites and the incidence of varicose rupture in emergency endoscopy. Asaki S, et al. **Tohoku J Exp Med** 1984 Sep;144(1):69–75

[Somatostatin in the treatment of digestive hemorrhages secondary to rupture of esophageal varices] Coraggio F, et al. **Clin Ter** 1984 Sep 30;110(6):529–32 (Eng. Abstr.) **(Ita)**

[Risk factors for the occurrence of hemorrhage from esophageal and gastric varices in portal hypertension patients] Patsiora MD, et al. **Klin Khir** 1984 Sep;(9):23–6 (Eng. Abstr.) **(Rus)**

[Pharmacological treatment of digestive hemorrhage due to the rupture of esophageal varices] Kravetz D, et al. **Acta Gastroenterol Latinoam** 1984;14(2):165–70 **(Spa)**

DIAGNOSIS

[Endoscopic ultrasonic study of the esophagus] Strohm WD, et al. **Dtsch Med Wochenschr** 1985 May 17;110(20):783–8 (Eng. Abstr.) **(Ger)**

[Cruveilhier-Baumgarten syndrome without esophageal varices] Friedrich JM, et al. **ROFO** 1985 Feb;142(2):226–8 **(Ger)**

[Usefulness of endoscopy in portal hypertension] Angelini R, et al. **Ann Ital Chir** 1984;56(3):219–26 **(Ita)**

[Endoscopy in diseases of upper segments of the digestive tract in pregnant women] Filimonov RM, et al. **Sov Med** 1985;(1):78–80 **(Rus)**

DRUG THERAPY

Scrotal and abdominal skin necrosis complicating intravenous vasopressin therapy for bleeding esophageal varices. Gogel HK, et al. **Dig Dis Sci** 1985 May;30(5):460–4

Endoscopic variceal pressure measurements: response to isosorbide dinitrate. Dawson J, et al. **Gut** 1985 Aug; 26(8):843–7

Efficacy of somatostatin and vasopressin in the control of acute variceal hemorrhage [letter] Jenkins SA, et al. **Hepatology** 1985 Mar–Apr;5(2):344–5

Propranolol and cirrhosis [letter] Hayes PC, et al. **Lancet** 1985 Jul 20;2(8447):155

Esophageal motility: effects of injection sclerotherapy. Larson GM, et al. **Surgery** 1984 Oct;96(4):703–10

[Treatment of hemorrhaging esophageal varices with triglycyl lysine vasopressin. Case reports] Caletti GC, et al. **Recenti Prog Med** 1984 Jun;75(6):566–73 (Eng. Abstr.) **(Ita)**

[Effective oral doses of propranolol, and endoscopic findings on the effects of propranolol on esophageal varices] Okumura H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Apr;82(4):621–7 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

Curative treatment of bleeding esophageal varices secondary to a splenic arterio-venous fistula. Curran DH, et al. **Aust NZ J Med** 1984 Dec;14(6):849–51

Risk factors for haemorrhage from oesophageal varices and acute gastric erosions. Rector WG Jr, et al. **Clin Gastroenterol** 1985 Jan;14(1):139–53

Bleeding in extrahepatic portal vein obstruction. Koshy A, et al. **Indian J Gastroenterol** 1984 Jan;3(1):13–4

Chronic pancreatitis with splenic vein occlusion and recurrent variceal haemorrhage. Wang YT, et al. **Singapore Med J** 1984 Dec;25(6):456–8

[Isolated gastric or duodenal varices] Gertsch P, et al. **Schweiz Rundsch Med Prax** 1984 Sep 18;73(38):1147–8 (Eng. Abstr.) **(Fre)**

[Incidence and significance of bleeding from gastric varices in liver cirrhosis ,its diagnostic and therapeutic relevance] Kalk JF, et al. **Schweiz Rundsch Med Prax** 1984 Sep 18; 73(38):1149–50 (Eng. Abstr.) **(Ger)**

[Gastroesophageal reflux—cause of hemorrhaging esophageal varices?] Pflücke F, et al. **Z Gesamte Inn Med** 1985 May 15;40(10):298–300 (Eng. Abstr.) **(Ger)**

[Effects of propranolol in the patient with liver cirrhosis and hemorrhage caused by esophageal varices] Esquivel López A, et al. **Rev Gastroenterol Mex** 1984 Oct–Dec;49(4):211–4 (Eng. Abstr.) **(Spa)**

MORTALITY

Factors influencing survival after distal splenorenal shunt. Zeppa R, et al. **World J Surg** 1984 Oct;8(5):733–7

PATHOLOGY

The venous anatomy of the lower oesophagus in normal subjects and in patients with varices: an image analysis study. Spence RA. **Br J Surg** 1984 Oct;71(10):739–44

PHYSIOPATHOLOGY

Oesophageal manometry in patients with varices and following oesophageal transection. Spence RA, et al. **Br J Surg** 1985 Feb;72(2):96–8

Intravascular oesophageal variceal pressure (IOVP) assessed by endoscopic fine needle puncture under basal conditions, Valsalva's manoeuvre and after glyceryltrinitrate application. Staritz M, et al. **Gut** 1985 May;26(5):525–30

Esophageal varices produced in dogs. Sakata H, et al. **Jpn J Surg** 1985 Jan;15(1):81–8

[Endoscopic assessment of esophageal variceal pressure] Staritz M, et al. **Schweiz Rundsch Med Prax** 1984 Sep 18; 73(38):1151–2 (Eng. Abstr.) **(Ger)**

[Evaluation of the general condition of patients with acute gastrointestinal hemorrhage] Oborin AN. **Vrach Delo** 1985 Jun;(6):53–6 (Eng. Abstr.) **(Rus)**

[Development and validation of a non-invasive method for the endoscopic measurement of the pressure of esophageal varices] Rigau J, et al. **Med Clin (Barc)** 1985 Apr 6; 84(13):507–11 (Eng. Abstr.) **(Spa)**

PREVENTION & CONTROL

A prospective randomised controlled clinical trial comparing somatostatin and vasopressin in controlling acute variceal haemorrhage. Jenkins SA, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):275–8

Prevention of recurrent variceal bleeding: surgical procedures. Franco D, et al. **Clin Gastroenterol** 1985 Jan; 14(1):233–57

Prevention of recurrent variceal bleeding: non-surgical procedures. Schalm SW, et al. **Clin Gastroenterol** 1985 Jan; 14(1):209–32

Prophylactic endoscopic sclerotherapy of oesophageal varices [letter] **Lancet** 1985 May 11;1(8437):1105–6

RADIOGRAPHY

Detection of paraesophageal varices by plain films. Ishikawa T, et al. **AJR** 1985 Apr;144(4):701–4

Accessory lateral segmental branch of the portal vein. Araki T, et al. **Radiology** 1985 Apr;155(1):24

Esophageal varices: correlation of left gastric venography and endoscopy in patients with portal hypertension. Takashi M, et al. **Radiology** 1985 May;155(2):327–31

[CT evaluation of spleno-renal shunt; detection of patency in distal spleno-renal shunt] Shirato H, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 May 25; 44(5):671–6 (Eng. Abstr.) **(Jpn)**

RADIONUCLIDE IMAGING

Abdominal varices mimicking an acute gastrointestinal hemorrhage during technetium-99m red blood cell scintigraphy. Moreno AJ, et al. **Clin Nucl Med** 1985 Apr; 10(4):248–51

SURGERY

Selective variceal decompression: current status and recent advances. Henderson JM, et al. **Adv Surg** 1984;18:81–115 (88 ref.)

Portoazygous disconnection for bleeding esophageal varices. Bothe A Jr, et al. **Am J Surg** 1985 Apr;149(4):546–50

Esophageal transection fails to salvage high-risk cirrhotic patients with variceal bleeding. Durtschi MB, et al. **Am J Surg** 1985 Jul,150(1):18–23

Emergency distal splenorenal shunts for variceal hemorrhage refractory to nonoperative control. Potts JR 3d, et al. **Am J Surg** 1984 Dec;148(6):813–6

Survival of alcoholic v nonalcoholic patients after portasystemic shunts. Brown SL, et al. **Arch Surg** 1984 Nov;119(11):1321–4

Selective variceal decompression in portal vein thrombosis. Henderson JM, et al. **Br J Surg** 1984 Oct;71(10):745–9

Bilateral gastric venous decompression by a modified Warren shunt. Nagasue N, et al. **Br J Surg** 1985 Mar;72(3):199–201

Prolonged ambulatory pH monitoring in patients following oesophageal transection and control subjects. Spence RA, et al. **Br J Surg** 1985 Feb;72(2):99–101

Influence of esophageal transection for esophageal varices on serum bile acid level. Murata N, et al. **Hepatogastroenterology** 1984 Aug;31(4):164–7

Oesophageal varices in schistosomiasis: treatment with a modified Warren's distal splenorenal shunt. Aboul-Enein A. **J Cardiovasc Surg (Torino)** 1985 Mar–Apr;26(2):164–7

Results of six hundred thirty-six esophageal transections with paraesophagogastric devascularization in the treatment of esophageal varices. Sugiura M, et al. **J Vasc Surg** 1984 Mar;1(2):254–60

Endoscope assisted surgery for the treatment of bleeding esophageal varices. Yamamoto S, et al. **Jpn J Surg** 1984 Sep;14(5):371–6

Mesocaval and distal splenorenal shunts: effect on hepatic function, hepatic hemodynamics, and portal systemic encephalopathy. Herz R, et al. **Klin Wochenschr** 1985 May 2;63(9):409–18

Risks in transthoracic esophageal transection—score for predicting operative mortality. Onitsuka A, et al. **Nippon Geka Hokan** 1984 Mar 1;53(2):415–21

Endoscopic follow-up of patients with oesophageal varices operated upon with the use of an EEA stapler. Purri P, et al. **Panminerva Med** 1984 Jul–Sep;26(3):165–6

Management of complications of portal hypertension. Rossi RL, et al. **Surg Clin North Am** 1985 Apr;65(2):231–62

Control of bleeding esophageal varices by transabdominal esophageal transection, gastric devascularization, and splenectomy. Weese JL, et al. **Surg Gastroenterol** 1984; 3(1):31–6

Esophageal transection versus injection sclerotherapy in the management of bleeding esophageal varices in patients at high risk. Huizinga WK, et al. **Surg Gynecol Obstet** 1985 Jun;160(6):539–46

A simplified one stage modification of portoazygos disconnection for massive variceal hemorrhage. Manny J, et al. **Surg Gynecol Obstet** 1985 Feb;160(2):171–2

Intraoperative direct portography to achieve selective distal splenorenal shunt. Nagasue N, et al. **Surg Gynecol Obstet** 1985 Jul;161(1):52–6

Results in 100 consecutive patients with stapled esophageal transection for varices. Spence RA, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):323–9

Treatment of bleeding esophageal varices by portoazygos disconnection and esophageal transection with the button of Boerema and EEA stapler: ten years' experience. Giordani M, et al. **Surgery** 1985 Jun;97(6):649–52

Splenic artery and coronary vein occlusion for bleeding esophageal varices. Del Guercio LR, et al. **World J Surg** 1984 Oct;8(5):680–7

The distal splenorenal shunt: an update. Henderson JM, et al. **World J Surg** 1984 Oct;8(5):722–32 (40 ref.)

Present status of surgical treatment of esophageal varices in Japan: a nationwide survey of 3,588 patients. Inokuchi K. **World J Surg** 1985 Feb;9(1):171–80

Fifteen years' experience with left gastric venous caval shunt for esophageal varices. Inokuchi K, et al. **World J Surg** 1984 Oct;8(5):716–21

Mesentericocaval shunt (MCS) with autologous jugular vein. Stipa S, et al. **World J Surg** 1984 Oct;8(5):702–5

Esophageal transection with paraesophagogastric devascularizations (the Sugiura procedure) in the treatment of esophageal varices. Sugiura M, et al. **World J Surg** 1984 Oct;8(5):673–9

Comparative study of selective shunts v.s. nonshunt procedures in the treatment of esophageal varices. Ogawa Y, et al. **Zentralbl Chir** 1985;110(14):870–5

[Marion's calibrated latero-lateral portacaval anastomosis: a truncular shunt maintaining hepatopetal portal blood flow?] Balique JG, et al. **Gastroenterol Clin Biol** 1985 Apr; 9(4):305–11 (Eng. Abstr.) **(Fre)**

[Surgical treatment of hemorrhage caused by rupture of esophageal varices. Circular sclerosis of the lower esophagus by a clip introduced by the oral approach and ligation by the thoracic approach to the peri-esophageal veins. Results of 108 cases surgically treated in the last 5 years] Berard P. **J Chir (Paris)** 1984 Jun–Jul; 121(6–7):389–93 (Eng. Abstr.) **(Fre)**

[Surgical indications in bleeding esophageal varices] Siewert JR, et al. **Dtsch Med Wochenschr** 1984 Sep 21; 109(38):1453–7 (32 ref.) **(Ger)**

[Portal perfusion following Warren shunt] Kunath U, et al. **Langenbecks Arch Chir** 1984;363(2):121–7 (Eng. Abstr.) **(Ger)**

[Indications and results of portal shunt surgery] Kunath U, et al. **Leber Magen Darm** 1985 Jan;15(1):19–25 (Eng. Abstr.) **(Ger)**

[Treatment of bleeding esophageal varices by esophago-gastric devascularization and esophageal transection with EEA stapler] Forni E, et al. **Chir Ital** 1982 Dec;34(6):851–60 (Eng. Abstr.) **(Ita)**

[An electromyographic study on the canine esophageal motility following transection operations for esophageal varices] Benitani A. **Nippon Heikatsukin Gakkai Zasshi** 1984 Apr;20(2):137–46 (Eng. Abstr.) **(Jpn)**

[Experimental studies on transabdominal mucosal transection of the esophagus for esophageal varices, with special reference to the blood flow of the lower esophagus and cardiac portion of the stomach] Takeuchi H. **Nippon Heikatsukin Gakkai Zasshi** 1984 Dec;20(6):455–69 (Eng. Abstr.) **(Jpn)**

[Personal experience with non-shunting operations for hemorrhaging esophageal varices] Orel J, et al. **Acta Chir Iugosl** 1984 Mar;31(2):191–6 (Eng. Abstr.) **(Slv)**

[Abnormalities of the esophageal hiatus in Sugiura's operation] Orozco H, et al. **Rev Invest Clin** 1985 Apr–Jun; 37(2):85–9 (Eng. Abstr.) **(Spa)**

[Azygos-portal disconnection as a treatment in bleeding esophageal varices caused by portal hypertension. Experience in 12 cases] Csendes A, et al. **Rev Med Chil** 1984 Jun;112(6):559–63 (Eng. Abstr.) **(Spa)**

THERAPY

Oesophageal motility after sclerotherapy for bleeding varices. Söderlund C, et al. **Acta Chir Scand** 1985;151(3):249–53

Endoscopic sclerotherapy of oesophageal varices. A clinical study. Söderlund C. **Acta Chir Scand [Suppl]** 1985;524:1–86

Ethanol thrombotherapy of esophageal varices: further experience. Yune HY, et al. **AJR** 1985 May;144(5):1049–53

Colonic variceal hemorrhage after endoscopic injection sclerosis of esophageal varices: a report of three cases. Foutch PG, et al. **Am J Gastroenterol** 1984 Oct; 79(10):756–60

An unusual complication of balloon tamponade in the treatment of esophageal varices: a case report and brief review of the literature. Gossat D, et al. **Am J Gastroenterol** 1985 Aug;80(8):600–1

Course and complications of endoscopic variceal sclerotherapy: a prospective study of 50 patients. Sarles HE Jr, et al. **Am J Gastroenterol** 1985 Aug;80(8):595–9

Balloon tamponade in the management of bleeding oesophageal varices [letter] Baxter JN, et al. **Ann R Coll Surg Engl** 1984 Nov;66(6):449–50

Portasystemic shunting remains the procedure of choice for control of variceal hemorrhage. Levine BA, et al. **Arch Surg** 1985 Mar;120(3):296–300

Systemic dissemination of ethanolamine oleate after injection sclerotherapy for esophageal varices. Sukigara M, et al. **Arch Surg** 1985 Jul;120(7):833–6

Use of atracurium and vecuronium in patients with oesophageal varices. Bell CF, et al. **Br J Anaesth** 1985 Feb; 57(2):160–8

Twenty-five years of injection sclerotherapy for bleeding varices. Spence RA, et al. **Br J Surg** 1985 Mar;72(3):195–8

Sclerotherapy for esophageal varices: preliminary experience. Abecassis M, et al. **Can J Surg** 1984 Nov;27(6):561–6

Transient pulmonary hypertension associated with esophageal sclerotherapy. Glauser FL, et al. **Chest** 1984 Nov;86(5):658–9

Treatment of acute variceal bleeding. Bernuau J, et al. **Clin Gastroenterol** 1985 Jan;14(1):185–207

Esophageal motility and symptoms after endoscopic injection sclerotherapy. Cohen LB, et al. **Dig Dis Sci** 1985 Jan; 30(1):29–32

Easier elective injection of oesophageal varices. Dickinson RJ, et al. **Endoscopy** 1984 Sep;16(5):182

A high-pressure injector for sclerotherapy of oesophageal varices. Schellong H, et al. **Endoscopy** 1984 Sep;16(5):183–4

A new endoscopic balloon for sclerotherapy in active bleeding from esophageal varices. Sciaretta G, et al. **Endoscopy** 1985 May;17(3):113–4

Pleural effusions after endoscopic variceal sclerotherapy. Bacon BR, et al. **Gastroenterology** 1985 Jun;88(6):1910–4

Effect of endoscopic variceal sclerotherapy on gas exchange and hemodynamics in humans. Bailey-Newton RS, et al. **Gastroenterology** 1985 Aug;89(2):368–73

Bacteremia during esophageal variceal sclerotherapy: its cause and prevention. Brayko CM, et al. **Gastrointest Endosc** 1985 Feb;31(1):10–2

Mucosal bridge of the distal esophagus after esophageal variceal sclerotherapy. Gottfried EB, et al. **Gastrointest Endosc** 1985 Aug;31(4):267–9

A balloon designed for endoscopic variceal sclerotherapy. Sievert CE Jr, et al. **Gastrointest Endosc** 1984 Aug; 30(4):255–7

The relationship of bacteremia to the length of injection needle in endoscopic variceal sclerotherapy. Snady H, et al. **Gastrointest Endosc** 1985 Aug;31(4):243–6

Intramural hematoma of the esophagus: unusual complication of variceal sclerotherapy. Van Steenbergen W, et al. **Gastrointest Radiol** 1984;9(4):293–5

Endoscopic sclerotherapy using absolute alcohol. Sarin SK, et al. **Gut** 1985 Feb;26(2):120–4

B1 selective adrenoreceptor blockade for the long term management of variceal bleeding. A prospective randomised trial to compare oral metoprolol with injection sclerotherapy in cirrhosis. Westaby D, et al. **Gut** 1985 Apr; 26(4):421–5

A prospective, randomized controlled trial of chronic esophageal variceal sclerotherapy. Korula J, et al. **Hepatology** 1985 Jul–Aug;5(4):584–9

Controlled trial of vasopressin and balloon tamponade in bleeding esophageal varices. Pinto Correia J, et al. **Hepatology** 1984 Sep–Oct;4(5):885–8

Spinal cord paralysis following sclerotherapy for esophageal varices. Seidman E, et al. **Hepatology** 1984 Sep–Oct; 4(5):950–4

Sclerotherapy of esophageal varices: an endoscopic and portographic study. Söderlund C, et al. **Hepatology** 1984 Sep–Oct;4(5):877–84

Improved survival following injection sclerotherapy for esophageal varices: final analysis of a controlled trial. Westaby D, et al. **Hepatology** 1985 Sep–Oct;5(5):827–30

Current status of endoscopic sclerotherapy [editorial] Bhargava DK. **Indian J Gastroenterol** 1985 Jan;4(1):7

Injection sclerotherapy for bleeding varices—a review. Bhasin DK, et al. **Indian J Gastroenterol** 1985 Jan;4(1):35–7 (36 ref.)

Endoscopic sclerotherapy for active variceal haemorrhage in patients not responding to balloon tamponade & vasopressin. Bhargava DK, et al. **Indian J Med Res** 1985 Feb;81:175–9

Transhepatic obliteration of esophageal varices using stainless coils combined with hypertonic glucose and gelfoam. Ohnishi K, et al. **J Clin Gastroenterol** 1985 Jun;7(3):200–7

Gastric ulcers after endoscopic sclerosis of esophageal varices. Tripodis SP, et al. **J Clin Gastroenterol** 1985 Feb; 7(1):77–9

Therapeutic progress—review XV. The treatment of oesophageal varices and portal hypertension. Clements D, et al. **J Clin Hosp Pharm** 1985 Mar;10(1):1–14 (83 ref.)

Variceal hemorrhage in biliary atresia. Lilly JR, et al. **J Pediatr Surg** 1984 Aug;19(4):476–9

Ten years experience with paravariceal injection sclerotherapy of esophageal varices in children. Paquet KJ. **J Pediatr Surg** 1985 Apr;20(2):109–12

Pathological studies on esophageal varices treated with injection sclerotherapy. Takase Y, et al. **Jpn J Surg** 1985 Jan;15(1):30–5

Sclerotherapy versus propranolol after first variceal haemorrhage in alcoholic cirrhosis [letter] Dollet JM, et al. **Lancet** 1985 Jul 13;2(8446):97

Prophylactic endoscopic sclerotherapy of oesophageal varices. A prospective controlled study. Witzel L, et al. **Lancet** 1985 Apr 6;1(8432):773–5

Influence of hepatic reserve and cause of esophageal varices on survival and rebleeding before and after the introduction of sclerotherapy: a retrospective analysis. DiMagno EP, et al. **Mayo Clin Proc** 1985 Mar;60(3):149–57

Is sclerotherapy the treatment of choice for bleeding esophageal varices? Grace ND. **Mayo Clin Proc** 1985 Mar; 60(3):207–10

Endoscopic sclerotherapy for esophageal variceal hemorrhage [letter] **N Engl J Med** 1985 Apr 11; 312(15):989–90

Sclerotherapy after first variceal hemorrhage in cirrhosis. A randomized multicenter trial. The Copenhagen Esophageal Varices Sclerotherapy Project. **N Engl J Med** 1984 Dec 20;311(25):1594–600

Endoscopic sclerotherapy versus portacaval shunt in patients with severe cirrhosis and variceal hemorrhage. Cello JP, et al. **N Engl J Med** 1984 Dec 20;311(25):1589–94

Bleeding oesophageal varices: the role of endoscopic sclerosing treatment. Purri P, et al. **Panminerva Med** 1984 Jul–Sep;26(3):163–4

Long-term sclerotherapy of bleeding esophageal varices in patients with liver cirrhosis. An evaluation of mortality and rebleeding risk factors. Sauerbruch T, et al. **Scand J Gastroenterol** 1985 Jan;20(1):51–8

Injection sclerotherapy of bleeding oesophageal and gastric varices in children. Stray N, et al. **Scand J Gastroenterol [Suppl]** 1985;107:36–9

Endoscopic variceal sclerotherapy: experience with 30 patients. McGrew W, et al. **South Med J** 1984 Sep; 77(9):1091–4

Management of variceal hemorrhage. Navab F, et al. **South Med J** 1984 Oct;77(10):1302–7 (48 ref.)

A new method for securing oral esophageal tamponage tubes. Reines HD, et al. **Surg Gynecol Obstet** 1985 Sep; 161(3):280–1

Injection sclerotherapy for esophageal varices caused by schistosomal hepatic fibrosis. Bessa SM, et al. **Surgery** 1985 Feb;97(2):164–8

Bleeding esophageal varices. McDermott WV. **World J Surg** 1984 Oct;8(5):660–6 (39 ref.)

Nonsurgical management of emergency hemorrhage from esophageal varices. Schiff ER. **World J Surg** 1984 Oct; 8(5):646–52

Sclerotherapy for emergency variceal hemorrhage. Terblanche J. **World J Surg** 1984 Oct;8(5):653–9

Injection sclerotherapy for the long-term management of variceal bleeding. Westaby D, et al. **World J Surg** 1984 Oct;8(5):667–72

[Injuries of the esophagus caused by the Sengstaken-Blakemore tube] Galatius H, et al. **Ugeskr Laeger** 1984 Sep 24;146(39):2942–3 (Eng. Abstr.) **(Dan)**

[Endoscopic sclerosing of bleeding esophageal varices. Complications and mortality] Jensen LS. **Ugeskr Laeger** 1984 Nov 12;146(46):3530–4 (Eng. Abstr.) **(Dan)**

[Endoscopic sclerosing of bleeding esophageal varices] Lesterhuis W, et al. **Ned Tijdschr Geneeskd** 1985 Jan 19; 129(3):113–6 (Eng. Abstr.) **(Dut)**

[Treatment of bleeding esophageal varices] Järvinen HJ. **Duodecim** 1984;100(14):877–82 **(Fin)**

[Endoscopic sclerotherapy of esophageal varices] Laitinen S, et al. **Duodecim** 1984;100(14):849–54 **(Fin)**

[Esophagobronchial fistula following sclerosis of esophageal varices. Treatment by injection of biological glue (letter)] Barthelemy C, et al. **Gastroenterol Clin Biol** 1984 Oct; 8(10):772–3 **(Fre)**

[The treatment of hemorrhages due to ruptured esophageal varices in cirrhosis] Rohner A. **Rev Med Suisse Romande** 1985 Apr;105(4):309–12 **(Fre)**

[Sclerosing therapy after initial esophageal varix hemorrhage in liver cirrhosis] Brunner G. **Dtsch Med Wochenschr** 1985 Apr 12;110(15):610 **(Ger)**

[Sclerosing therapy of bleeding esophageal varices (letter)] Paquet KJ. **Dtsch Med Wochenschr** 1985 May 31; 110(22):898–900 **(Ger)**

[Experiences with endoscopic sclerosing of esophageal varices] Zipprich B, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(5):209-18 (Eng. Abstr.) (Ger)

[Sclerotherapy: status 1985] Sivak MV. **Internist (Berlin)** 1985 Jan;26(1):32-42 (Ger)

[Comparative histologic studies following esophageal varices sclerosing with different substances] Helpap B, et al. **Leber Magen Darm** 1983 Sep;13(5):215-22 (Eng. Abstr.) (Ger)

[Complications of the aorta following sclerosing of esophageal varices] Susani M, et al. **Pathologe** 1984 Oct; 5(5):278-81 (Ger)

[Sclerotherapy of esophageal varices. Indications and results] Schulthess HK, et al. **Schweiz Med Wochenschr** 1985 Apr 27;115(17):582-6 (Eng. Abstr.) (Ger)

[Gray areas in the treatment of diseases of the esophagogastric junction] Scheurer U. **Schweiz Rundsch Med Prax** 1984 Sep 4;73(36):1080-5 (46 ref.) (Eng. Abstr.) (Ger)

[Sclerotherapy of esophageal varices. 5 years' experience] Schulthess HK, et al. **Schweiz Rundsch Med Prax** 1984 Sep 4;73(36):1092-4 (Eng. Abstr.) (Ger)

[Endoscopic sclerosis of esophageal varices: indications and results] Scheurer U. **Ther Umsch** 1984 Sep;41(9):648-53 (51 ref.) (Eng. Abstr.) (Ger)

[Therapy of bleeding esophageal varices] **Verh Dtsch Ges Inn Med** 1984;90 Pt 1:269-95 (Ger)

[Sclerosing as the therapy of choice in esophageal varix hemorrhage? (letter)] Paquet KJ. **Z Gastroenterol** 1984 Jul; 22(7):365-7 (Ger)

[Long-term results following varix hemorrhage in sclerosing therapy (letter)] Wördehoff D. **Z Gastroenterol** 1984 Jul; 22(7):368-9 (Ger)

[Experiences with a methodologic variant of fiberoptic sclerosing of esophageal varices] Schwenke E, et al. **Z Gesamte Inn Med** 1985 Feb 15;40(4):92-6 (Eng. Abstr.) (Ger)

[Esophageal function scintigraphy following sclerosing therapy] Lindecken KD, et al. **Zentralbl Chir** 1985; 110(14):857-61 (Eng. Abstr.) (Ger)

[Hemorrhage of esophageal varices in child B and C patients. Results of sclerosing therapy] Schaube H, et al. **Zentralbl Chir** 1985;110(14):862-9 (Eng. Abstr.) (Ger)

[Supportive therapy of the hemorrhagic cirrhotic patient. A new classification system (University of Turin Cirrhotic Rating Scale)] Enrichens F, et al. **Minerva Chir** 1984 Sep 30;39(18):1229-36 (Eng. Abstr.) (Ita)

[Endoscopic sclerosis of esophageal varices for the prevention of re-bleeding: our experience] Saracco G, et al. **Recenti Prog Med** 1985 Apr;76(4):165-7 (Eng. Abstr.) (Ita)

[Esophageal varices] Uchida H, et al. **Kokyu To Junkan** 1984 Jul;32(7):695-704 (33 ref.) (Jpn)

[Recent treatment for upper gastrointestinal hemorrhage (2). Rupture of esophageal varices] Yoshiba M, et al. **Nippon Ika Daigaku Zasshi** 1985 Apr;52(2):212-6 (Jpn)

[Partial splenic embolization as a treatment for rupture of esophageal varices: a case report] Iwamoto S, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):310-4 (Jpn)

[Effects on the heart and lung after endoscopic injection sclerotherapy for esophageal varices] Kumazawa K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Mar;82(3):391-7 (Eng. Abstr.) (Jpn)

[Bleeding esophageal varices. Experience with endoscopic sclerotherapy] Stave R, et al. **Tidsskr Nor Laegeforen** 1985 May 10;105(13):885-7 (Eng. Abstr.) (Nor)

[Late treatment results in patients with portal hypertension complicated by gastroesophageal hemorrhages] Lytkin MI, et al. **Vestn Khir** 1984 Dec;133(12):11-5 (Eng. Abstr.) (Rus)

ESOPHAGEAL ATRESIA

BLOOD

Plasma creatinine in neonates with atresia of the upper gastrointestinal tract. Arad ID, et al. **J Perinat Med** 1985; 13(3):139-41

COMPLICATIONS

Oesophageal atresia and respiratory complications. Matti Sulamaa lecture-30th May 1983. Lister J. **Ann Chir Gynaecol** 1985;74(2):52-9

Esophageal atresia and T.O.F. with stenosis of distal esophageal segment. Seth NP, et al. **Indian J Pediatr** 1983 Nov-Dec;50(407):685-6

Tracheo-oesophageal anomalies in the Goldenhar anomalad. Mendelberg A, et al. **J Med Genet** 1985 Apr;22(2):149-50

Esophageal and duodenal atresia with preduodenal common bile duct and portal vein in a newborn. Patti G, et al. **J Pediatr Surg** 1985 Apr;20(2):167-8

Lower oesophageal diaphragm and achalasia in an adult. An unusual association. Adeyemo AO, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):271-4

[Tracheomalacia in esophageal atresia] Bargy F, et al. **Chir Pediatr** 1984;25(4-5):261-4 (Eng. Abstr.) (Fre)

[Vertebral abnormalities and atresia of the esophagus] Varenna RA, et al. **Pediatr Med Chir** 1984 Sep-Oct; 6(5):669-72 (Eng. Abstr.) (Ita)

[A case of congenital laryngotracheoesophageal fistula associated with esophageal atresia and other defects] Stefanek W. **Pediatr Pol** 1984 Sep;59(9):779-84 (Pol)

[Tracheomalacia in a child with atresia of the esophagus: surgical treatment by aortopexy] García Rodríguez B, et al. **An Esp Pediatr** 1985 Jan;22(1):69-72 (Eng. Abstr.) (Spa)

[Atresia of the esophagus and its association with other abnormalities] Salazar-Flores M, et al. **Bol Med Hosp Infant Mex** 1985 Jan;42(1):50-3 (Eng. Abstr.) (Spa)

ETIOLOGY

Etiological study on isolated esophageal atresia. Szendrey T, et al. **Hum Genet** 1985;70(1):51-8

[Atresia of the esophagus caused by bands] García Romero J, et al. **An Esp Pediatr** 1984 Jun;20(9):895-7 (Eng. Abstr.) (Spa)

FAMILIAL & GENETIC

Oesophageal atresia in father and daughter. Lipson AH, et al. **Aust Paediatr J** 1984 Nov;20(4):329

[Genetics of congenital esophageal defects] Il'na EG, et al. **Tsitol Genet** 1984 Nov-Dec;18(6):463-4 (Eng. Abstr.) (Rus)

OCCURRENCE

[Congenital malformations in the otorhinolaryngologic area in newborn infants] Savić D, et al. **Srp Arh Celok Lek** 1984 Mar;112(3):273-86 (Scc)

PATHOLOGY

Esophageal atresia without tracheobronchial communication in a 9 mm human embryo (Carnegie stage 16). Ruano-Gil D, et al. **Arch Ital Anat Embriol** 1985 Jan-Mar;90(1):1-8

[Tracheal diverticulum associated with esophageal atresia] Fernández Sánchez A, et al. **An Esp Pediatr** 1985 Mar 31; 22(4):323-7 (Spa)

PHYSIOPATHOLOGY

The effect of intrauterine esophageal ligation on growth of fetal rabbits. Wesson DE, et al. **J Pediatr Surg** 1984 Aug; 19(4):398-9

RADIOGRAPHY

Aortic arch in neonates with esophageal atresia: preoperative assessment using CT. Day DL. **Radiology** 1985 Apr; 155(1):99-100

SURGERY

Mechanical feeding difficulties after primary repair of oesophageal atresia. Smith IJ, et al. **Acta Paediatr Scand** 1985 Mar;74(2):237-9

Surgical treatment of congenital esophageal atresia. McKneally MF, et al. **Ann Thorac Surg** 1984 Dec; 38(6):606-10

Oesophageal substitution. Anderson KD. **Aust NZ J Surg** 1984 Oct;54(5):447-9

Transluminal dilation of esophageal strictures in infants following atresia repair. Navarro FA Jr, et al. **Gastrointest Endosc** 1985 Jun;31(3):200-2

Supraclavicular approach to cervical esophageal atresia with tracheoesophageal fistula. Ford WD, et al. **J Pediatr Surg** 1985 Jun;20(3):242-3

Transcervical myotomy for wide-gap esophageal atresia. Hoffman DG, et al. **J Pediatr Surg** 1984 Dec;19(6):680-2

Surgical problems in patients with VATER-associated anomalies. Muraji T, et al. **J Pediatr Surg** 1984 Oct; 19(5):550-4

Temporary banding of the gastroesophageal junction in the critically ill neonate with esophageal atresia and tracheoesophageal fistula. Fagelman KM, et al. **Surgery** 1985 Sep;98(3):594-7

Esophageal atresia: embryogenesis and management. de Lorimier AA, et al. **World J Surg** 1985 Apr;9(2):250-7

Gastric tube oesophagoplasty--a long-term assessment. Goon HK, et al. **Z Kinderchir** 1985 Feb;40(1):21-5

End-to-end anastomosis in oesophageal atresia--clinical application of experimental experiences. Malmfors G, et al. **Z Kinderchir** 1985 Apr;40(2):67-70

Gastric tube oesophagoplasty for oesophageal atresia: a follow-up study. Part II: Radiologic, endoscopic and histologic controls. Pineschi A, et al. **Z Kinderchir** 1985 Feb;40(1):16-20

Gastric tube oesophagoplasty for oesophageal atresia: a follow-up study. Part I: Clinical controls. Pineschi A, et al. **Z Kinderchir** 1985 Feb;40(1):13-5

Anastomotic leak and recurrent fistula following operation of oesophageal atresia. Sigge W, et al. **Z Kinderchir** 1985 Apr;40(2):71-4

[Elongation of the esophagus in newborn infants with esophageal atresia] Snajdauf J, et al. **Rozhl Chir** 1984 Nov; 63(11):715-8 (Eng. Abstr.) (Cze)

[Gastroesophageal reflux after the surgical treatment of esophageal atresia] Mercier C, et al. **Arch Fr Pediatr** 1984 Aug-Sep;41(7):459-65 (Eng. Abstr.) (Fre)

[Esophageal plasty in children. Retrospective study of 22 colonic transplants. Current orientation] Delarue A, et al. **Chir Pediatr** 1985;26(1):3-7 (Eng. Abstr.) (Fre)

[Circular myotomy in primary anastomosis for the correction of esophageal atresia] Giacomoni MA, et al. **Pediatr Med Chir** 1984 Jul-Aug;6(4):557-9 (Eng. Abstr.) (Ita)

[Diagnosis and surgical management of congenital malformations associated with the right aortic arch] Kawada S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Aug;32(8):1215-27 (Eng. Abstr.) (Jpn)

[Recent results in the treatment of esophageal atresia] Chapchap P, et al. **Rev Paul Med** 1984 Jul-Aug; 102(4):166-71 (Eng. Abstr.) (Por)

[Early retrosternal colonoplasty in esophageal atresia in newborn infants] Babliak DE, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):84-8 (Eng. Abstr.) (Rus)

[Successful treatment of esophageal atresia and tracheobronchial fistula in a newborn infant] Galnanov FKh, et al. **Vestn Khir** 1985 Feb;134(2):99 (Rus)

ESOPHAGEAL CYST

DIAGNOSIS

Esophageal duplication cyst: CT and transesophageal needle aspiration. Kuhlman JE, et al. **AJR** 1985 Sep;145(3):531-2

[A case of esophageal cyst located at middle mediastinum] Yokoyama S, et al. **Rinsho Hoshasen** 1985 Mar;30(3):415-8 (Eng. Abstr.) (Jpn)

PATHOLOGY

Squamous cell carcinoma arising in a duplication cyst of the esophagus. Tapia RH, et al. **Am J Gastroenterol** 1985 May; 80(5):325-9

ESOPHAGEAL DISEASES

see related
ESOPHAGEAL ATRESIA

Barrett's esophagus: current views of etiology and treatment. Kennedy KS, et al. **Am J Otolaryngol** 1985 Jan-Feb; 6(1):46-8 (19 ref.)

Esophageal motility disorders: the specter of the spectrum [letter] Castell DO. **Dig Dis Sci** 1985 Feb;30(2):188-9

Function and disease of the oesophagus. Proceedings of a symposium. Oslo, February 3-4, 1984. **Scand J Gastroenterol [Suppl]** 1984;106:1-161

CHEMICALLY INDUCED

Oesophageal injury associated with emepronium bromide (Cetiprin). Leonard RC, et al. **Br J Clin Pract** 1984 Nov-Dec;38(11-12):429-30

Intramural hematoma of the esophagus: unusual complication of variceal sclerotherapy. Van Steenbergen W, et al. **Gastrointest Radiol** 1984;9(4):293-5

Sclerotherapy induced pseudo-carcinoma. Bridges R, et al. **J Can Assoc Radiol** 1984 Jun;35(2):199-201

Oesophageal ulceration and theophylline [letter] Stoller JL. **Lancet** 1985 Aug 10;2(8450):328-9

Esophageal spasm in a case of drug overdose [letter] Laaban JP, et al. **N Engl J Med** 1984 Nov 29;311(22):1443

Esophageal ulceration associated with oral penicillin in Marfan's syndrome [letter] Gould PC, et al. **NY State J Med** 1985 May;85(5):199-200

[Esophageal ulcer caused by doxycycline (letter)] Bissonnette B, et al. **Can Med Assoc J** 1984 Nov 15;131(10):1186-8 (Fre)

[Drug-induced ulcerations of the esophagus] Baeriswyl G, et al. **Rev Med Suisse Romande** 1985 Apr;105(4):295 (Fre)

[Esophageal ulcers secondary to doxycycline administration, treated with sucralfate] Ghorbel A. **Tunis Med** 1985 Mar; 63(3):171-4 (Eng. Abstr.) (Fre)

COMPLICATIONS

Filiform polyps of the esophagus with inflammatory bowel disease. Cockey BM, et al. **AJR** 1985 Jun;144(6):1207-8

Barrett's esophagus in a patient with achalasia. Sprung DJ, et al. **Am J Gastroenterol** 1985 May;80(5):330-3

Barrett's esophagus: its prevalence and association with adenocarcinoma in patients with symptoms of gastroesophageal reflux. Sarr MG, et al. **Am J Surg** 1985 Jan;149(1):187-93

Clinical and serological comparison of 17 chronic progressive systemic sclerosis (PSS) and 17 CREST syndrome patients matched for sex, age, and disease duration. Furst DE, et al. **Ann Rheum Dis** 1984 Dec;43(6):794-801

Barrett's esophagus. Sampliner RE. **Ariz Med** 1985 May; 42(5):292-4

Oesophageal tuberculosis: an unusual cause of dysphagia. Savage PE, et al. **Br J Radiol** 1984 Dec;57(684):1153-5

Double early epidermoid carcinoma of the esophagus in columnar epithelium. Resano CH, et al. **Endoscopy** 1985 Mar;17(2):73-5

The Barrett stricture [letter] Herbstman D, et al. **Gastrointest Endosc** 1985 Jun;31(3):225-6

Barrett's oesophagus and colonic tumours. Sontag SJ, et al. **Lancet** 1985 Apr 27;1(8435):946-9

Adenocarcinoma arising in Barrett esophagus: pathologic and radiologic features. Keen SJ, et al. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):442-50

The incidence of adenocarcinoma in columnar-lined (Barrett's) esophagus. Cameron AJ, et al. **N Engl J Med** 1985 Oct 3;313(14):857-9

[Esophageal spasm: a common cause of spontaneous precordial pain] Dupin B, et al. **Arch Mal Coeur** 1984 Nov;77(12):1390–6 (Eng. Abstr.) (Fre)

[Thoracic pain precipitated by electric stimulation of the esophagus (letter)] Fillette F, et al. **Presse Med** 1984 Sep 29;13(33):2021–2 (Fre)

[Can antireflux surgery prevent malignant degeneration of Barrett esophagus?] Hölscher AH, et al. **Dtsch Med Wochenschr** 1985 Apr 4;110(14):551–5 (Ger)

[Considerations on a rare case of C.R.E.S.T. syndrome] Taricco MT, et al. **Minerva Med** 1984 Sep 8;75(34):1965–7 (Eng. Abstr.) (Ita)

[A case of adenocarcinoma complicating Barrett's esophagus] Kawai M, et al. **Nippon Naika Gakkai Zasshi** 1985 May;74(5):577–81 (Jpn)

[Localized bilateral empyema caused by spontaneous esophageal rupture] Oba S, et al. **Rinsho Hoshasen** 1985 Mar;30(3):395–6 (Jpn)

[Primary malignant melanoma of the esophagus associated with melanosis of the esophagus and stomach] Alberti JE, et al. **Acta Gastroenterol Latinoam** 1984;14(2):139–48 (Eng. Abstr.) (Spa)

DIAGNOSIS

Chest pain--esophageal, cardiac, or both? Lee MG, et al. **Am J Gastroenterol** 1985 May;80(5):320–4

Esophageal motility disorders. Katz PO, et al. **Am J Med Sci** 1985 Aug;290(2):61–9 (37 ref.)

Edrophonium: a useful provocative test for esophageal chest pain. Richter JE, et al. **Ann Intern Med** 1985 Jul;103(1):14–21

Clinical applications of oesophageal motility studies? Blackwell JN, et al. **Br J Hosp Med** 1984 Nov;32(5):267–71

Diagnosis and management of spontaneous transmural rupture of the oesophagus (Boerhaave's syndrome). Walker WS, et al. **Br J Surg** 1985 Mar;72(3):204–7

Upper gastrointestinal endoscopy in the elderly. Lockhart SP, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):283

Gastric mucosal prolapse or gastroesophageal intussusception [letter] Buhac I. **Dig Dis Sci** 1985 Feb;30(2):190

Spontaneous intramural oesophageal perforation. Gutiérrez del Olmo A, et al. **Endoscopy** 1985 Mar;17(2):76–7

Gastro-oesophageal candidiasis: diagnosis by brush cytology. Young JA, et al. **J Clin Pathol** 1985 Mar;38(3):293–6

Clinical applications of gastrointestinal motility tests. Cohen LB. **Mt Sinai J Med (NY)** 1984 Sep;51(5):620–4 (31 ref.)

The history that wasn't. Robinson NJ. **NC Med J** 1984 Oct;45(10):650

Barrett's syndrome presenting as globus hystericus. Schaffer WR, et al. **Psychosomatics** 1985 Aug;26(8):673–4

Spontaneous contained transmural oesophageal rupture clinically resembling intramural rupture. A case report. Keet AD, et al. **S Afr Med J** 1985 Sep 14;68(6):426–8

24-hour ambulatory manometry in diagnosis of esophageal motor disorders causing chest pain. Maas LC, et al. **South Med J** 1985 Jul;78(7):810–3

[Symptomatology of esophageal diseases] Burgetová O, et al. **Cas Lek Cesk** 1984 Aug 10;123(32):983–8 (Eng. Abstr.) (Cze)

[Endoscopy--a necessary examination in diseases of the upper part of the digestive tract] Kodlová E, et al. **Rozhl Chir** 1984 Jul;63(7):482–6 (Eng. Abstr.) (Cze)

[Bronchoscopy and esophagoscopy in children] Puhakka H. **Duodecim** 1985;101(7):711–20 (Fin)

[Spontaneous intramural hematoma of the esophagus. Apropos of a case] Boisserie P, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Mar-Apr;20(2):75–8 (Eng. Abstr.) (Fre)

[Esophageal manometry in infants and children] Cargill G, et al. **Ann Pediatr (Paris)** 1985 Mar;32(3):193–201 (Eng. Abstr.) (Fre)

[Endoscopy in upper digestive hemorrhage] Ramond MJ, et al. **Presse Med** 1984 Oct 13;13(36):2179–81 (Fre)

[Chest pain of esophageal origin] Jobin G. **Union Med Can** 1984 Dec;113(12):1006–9 (Eng. Abstr.) (Fre)

[Clinical aspects and therapy of esophageal candidiasis] Knöbber D, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jun;64(6):314–7 (Eng. Abstr.) (Ger)

[Esophageal tuberculosis] Böhmer R. **Leber Magen Darm** 1984 Jul;14(4):181–4 (Eng. Abstr.) (Ger)

[Current significance of tube endoscopies of the respiratory and digestive tracts] Brandt RH. **Z Arztl Fortbild (Jena)** 1984;78(14):597–8 (Ger)

[Diagnosis and follow-up of sclerodermatous esophagopathy by electromanometry] Delfino M, et al. **G Ital Dermatol Venereol** 1984 Jul-Aug;119(4):271–4 (Eng. Abstr.) (Ita)

[Role and indications of manometry and Ph-metry in the pathology of the esophagus and esophagogastric junction] Balanzoni S, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):139–45 (Eng. Abstr.) (Ita)

[Importance of chromoesophagoscopy in targeted biopsies of the esophagus] Argellati G, et al. **Minerva Med** 1984 Sep 29;75(37):2171–2 (Ita)

[Pediatric digestive endoscopy: personal experience] Paterlini A, et al. **Pediatr Med Chir** 1983 Nov-Dec;5(6):543–5 (Eng. Abstr.) (Ita)

[Clinico-statistical analysis of 1000 panendoscopies of the upper segment of the digestive tract in the population of eastern Libya (Cyrenaica)] Szadkowski M. **Pol Tyg Lek** 1984 Jul 2;39(27):911–4 (Eng. Abstr.) (Pol)

[Diagnostic errors in spontaneous rupture of the esophagus] Muromskiĭ IuA, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):109–12 (Rus)

[Spontaneous rupture of the thoracic segment of the esophagus] Rozum VM, et al. **Sov Med** 1984;(7):109–12 (Rus)

[Relation of endoscopic and surgical findings in patients with hemorrhage into the upper part of the digestive tract] Bátovský M, et al. **Vnitr Lek** 1984 Sep;30(9):871–6 (Eng. Abstr.) (Slo)

DRUG THERAPY

Primary oesophageal motility disorders. Current therapeutic concepts. Traube M, et al. **Drugs** 1985 Jul;30(1):66–77 (54 ref.)

Nifedipine: a potent inhibitor of contractions in the body of the human esophagus. Studies in healthy volunteers and patients with the nutcracker esophagus. Richter JE, et al. **Gastroenterology** 1985 Sep;89(3):549–54

Primary esophageal motor disorders: clinical response to nifedipine. Nasrallah SM, et al. **South Med J** 1985 Mar;78(3):312–5

[Primperan and digestive disorders in aged subjects] Phelip E. **Ann Gastroenterol Hepatol (Paris)** 1985 May 28;21(2 Pt 2):29–30 (Eng. Abstr.) (Fre)

[Histamine H2 receptor antagonists and upper digestive hemorrhage] Blanchi A, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):153–61 (84 ref.) (Fre)

[Scleroderma and esophageal changes: treatment and instrumental control] Altomare GF, et al. **G Ital Dermatol Venereol** 1984 Jul-Aug;119(4):263–6 (Eng. Abstr.) (Ita)

ETIOLOGY

Esophageal lesions after total laryngectomy. Gibbons RG, et al. **AJR** 1985 Jun;144(6):1197–200

Dysplastic Barrett's esophagus in scleroderma. Sprung DJ, et al. **Am J Gastroenterol** 1985 Jul;80(7):518–22

Mucosal bridge of the distal esophagus after esophageal variceal sclerotherapy. Gottfried EB, et al. **Gastrointest Endosc** 1985 Aug;31(4):267–9

Adenocarcinoma and Barrett's esophagus following surgically treated achalasia. Shah AN, et al. **Gastrointest Endosc** 1984 Oct;30(5):294–6

Apthous ulcers of the esophagus in a patient with ulcerative colitis. Zimmerman HM, et al. **Gastrointest Endosc** 1984 Oct;30(5):298–9

Hirsute esophagus: clinical and roentgen features. Agha FP, et al. **Gastrointest Radiol** 1984;9(4):297–300

Esophageal complications from combined chemoradiotherapy (cyclophosphamide + Adriamycin + cisplatin + XRT) in the treatment of non-small cell lung cancer. Umsawasdi T, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):511–9

Alimentary involvement in progressive systemic sclerosis. Pimparkar AB, et al. **J Indian Med Assoc** 1985 Jan;83(1):18–20

Thoracic manifestations of the acquired immune deficiency syndrome. Pass HI, et al. **J Thorac Cardiovasc Surg** 1984 Nov;88(5 Pt 1):654–8

Glucomanna diet tablets [letter] Gaudry P. **Med J Aust** 1985 Feb 4;142(3):204

Perforation of the esophagus (Boerhaave's syndrome) during hemodialysis. Klausner JM, et al. **Nephron** 1985;40(3):372–3

Oesophageal obstruction due to saccular aneurysm of the distal thoracic aorta. Pattison CW, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):279–82

[Spontaneous rupture of the esophagus] Lesouef JM, et al. **Cah Anesthesiol** 1984 Nov;32(7):573–5 (Fre)

[Esophago-gastro-enteric manifestations of scleroderma. Apropos of a clinical case] Modena S, et al. **Chir Ital** 1983 Apr;35(2):216–20 (Eng. Abstr.) (Ita)

[Round table: Scleroderma and esophageal changes] Abbati A, et al. **G Ital Dermatol Venereol** 1984 Jul-Aug;119(4):233–61 (Eng. Abstr.) (Ita)

[Significance of esophageal lesions as early manifestations of progressive systemic sclerosis] Altomare GF, et al. **G Ital Dermatol Venereol** 1985 Jan-Feb;120(1):35–8 (Eng. Abstr.) (Ita)

[Rupture of a thoracic aortic aneurysm with esophageal rupture] Lang S, et al. **Wiad Lek** 1985 Mar 1;38(5):365–6 (Eng. Abstr.) (Pol)

[Barrett esophagus following peptic and alkaline esophagitis] Ziliotto Júnior A, et al. **Arq Gastroenterol** 1984 Oct-Dec;21(4):167–71 (Eng. Abstr.) (Por)

[Diagnosis of portal hypertension and/or hepatic insufficiency in patients with hemorrhage of upper digestive tract using logistic regression analysis] Boom R, et al. **Rev Gastroenterol Mex** 1984 Apr-Jun;49(2):91–5 (Eng. Abstr.) (Spa)

FAMILIAL & GENETIC

Familial gastroesophageal reflux and development of Barrett's esophagus. Crabb DW, et al. **Ann Intern Med** 1985 Jul;103(1):52–4

HISTORY

[Growth and development of esophageal surgery] Lerut T. **Verh K Acad Geneeskd Belg** 1984;46(3):161–82 (Eng. Abstr.) (Dut)

IMMUNOLOGY

Megaesophagus and seroreactivity to Trypanosoma cruzi in a rural community in northeast Brazil. Mota E, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):820–6

Bullous esophageal lesions due to cotrimoxazole: an immune-mediated process? Heer M, et al. **Gastroenterology** 1985 Jun;88(6):1954–7

METABOLISM

Regulatory peptides in Barrett's oesophagus. Buchan AM, et al. **J Pathol** 1985 Jul;146(3):227–34

MICROBIOLOGY

Isolation of Exophiala jeanselmei associated with esophageal pathology--three cases, laboratory and clinical features. Sautter RE, et al. **Mycopathologia** 1984 Aug 30;87(1–2):105–9

OCCURRENCE

Esophageal, gastric, and intestinal candidiasis. Trier JS, et al. **Am J Med** 1984 Oct 30;77(4D):39–43

PATHOLOGY

Primary tuberculosis of the esophagus: pseudotumoral presentation. Lanjam MA. **Am J Gastroenterol** 1984 Nov;79(11):839–41

Primary tuberculosis of the esophagus. Seivewright N, et al. **Am J Gastroenterol** 1984 Nov;79(11):842–3

Adenocarcinoma in columnar-lined Barrett's esophagus. Analysis of 13 esophagectomies. Saubier EC, et al. **Am J Surg** 1985 Sep;150(3):365–9

Pemphigus vulgaris of esophageal mucosa. Kaneko F, et al. **Arch Dermatol** 1985 Feb;121(2):272–3

Analysis of adenocarcinoma in Barrett's esophagus utilizing a staging system. Rosenberg JC, et al. **Cancer** 1985 Mar 15;55(6):1353–60

Human papillomavirus infection of the esophagus. A clinicopathologic study with demonstration of papillomavirus antigen by the immunoperoxidase technique. Winkler B, et al. **Cancer** 1985 Jan 1;55(1):149–55

Spontaneous rupture of the oesophagus. Goonetilleke UK. **Forensic Sci Int** 1985 Feb;27(2):93–6

Stricture location in Barrett's esophagus. Lackey C, et al. **Gastrointest Endosc** 1984 Dec;30(6):331–3

Columnar epithelial lined oesophagus (CELO) or Barrett's oesophagus: mucin histochemistry, dysplasia, and invasive adenocarcinoma [letter] Womack C, et al. **J Clin Pathol** 1985 Apr;38(4):477–8

Endoscopic and bioptic study of the upper gastrointestinal tract in Crohn's disease patients. Schmitz-Moormann P, et al. **Pathol Res Pract** 1985 Jan;179(3):377–87

Morphological findings in peptic esophageal stenosis with Barrett's ulcer in children. Wurnig P, et al. **Prog Pediatr Surg** 1985;18:42–51

[Value of esophagogastric fibroscopy in bullous pemphigoid (letter)] Bernard P, et al. **Gastroenterol Clin Biol** 1985 Jan;9(1):85 (Fre)

[Intramural pseudodiverticulosis of the esophagus. Clinical aspects, morphologic changes and functional disorders] Heinze W, et al. **Dtsch Med Wochenschr** 1985 Jul 5;110(27):1077–83 (Eng. Abstr.) (Ger)

[Barret's esophagus (editorial)] Levy N, et al. **Harefuah** 1985 Feb 1;108(3):151–3 (Heb)

[A case of adenocarcinoma arising from Barrett's esophagus] Okamura S, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Apr;82(4):673–7 (Jpn)

[Giant esophageal hematoma: a case report] Shima S, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Dec;81(12):3013–8 (Jpn)

[Postoperative hemorrhage in the upper digestive tract due to esophageal ulcer] Alexiu O, et al. **Rev Chir [Chir]** 1983 Jul-Aug;32(4):297–300 (Eng. Abstr.) (Rum)

PHYSIOPATHOLOGY

Esophageal chest pain. Castell DO. **Am J Gastroenterol** 1984 Dec;79(12):969–71

Transition from nutcracker esophagus to diffuse esophageal spasm. Narducci F, et al. **Am J Gastroenterol** 1985 Apr;80(4):242–4

Nutcracker esophagus [letter] Richter JE, et al. **Dig Dis Sci** 1985 Feb;30(2):188

Pharyngoesophageal swallowing: a review of 618 videorecorded cases. Curtis DJ, et al. **Milit Med** 1984 Oct;149(10):545–9

[Diltiazem in esophageal motility disorders] Neveiro JJ. **Acta Gastroenterol Latinoam** 1984;14(2):117–25 (Eng. Abstr.) (Spa)

RADIOGRAPHY

Esophageal involvement in Zollinger-Ellison syndrome. Agha FP. **AJR** 1985 Apr;144(4):721–5

Barrett carcinoma of the esophagus: clinical and radiographic analysis of 34 cases. Agha FP. **AJR** 1985 Jul;145(1):41–4

Barrett esophagus as an extension of severe esophagitis: analysis of radiologic signs in 29 cases. Chen YM, et al. **AJR** 1985 Aug;145(2):275–81

Esophageal moniliasis: a new radiographic presentation. Bier SJ, et al. **Am J Gastroenterol** 1985 Sep;80(9):734–7

Bread-barium swallow [letter] Silber W. **Dig Dis Sci** 1985

Apr;30(4):408–9

Crohn's disease involving the proximal stomach. Gray RR, et al. **Gastrointest Radiol** 1985;10(1):43–5

Upper gastrointestinal series: patient management and a study of 199 cases. Munitz HA, et al. **Gastrointest Radiol** 1985; 10(3):277–81

Barrett's esophagus: radiological and clinical considerations. Halpert RD, et al. **J Can Assoc Radiol** 1984 Jun;35(2):120–3

Re: Reticular pattern as a radiologic sign of the Barrett esophagus [letter] Levine MS, et al. **Radiology** 1985 Sep; 156(3):843–4

The reticular pattern as a radiographic sign of the Barrett esophagus: an assessment. Vincent ME, et al. **Radiology** 1984 Nov;153(2):333–5

Posterior mediastinal teratoma mimicking foregut duplication. Galloway PG, et al. **Z Kinderchir** 1985 Feb; 40(1):53–4

[Significance of roentgen cinematography in the diagnosis of functional disorders of the pharyngo-esophageal junction] Augustiny N, et al. **HNO** 1984 Dec;32(12):494–7 (Eng. Abstr.) **(Ger)**

[Mediastinal tuberculosis with invasion of the esophagus] Goebel N, et al. **Prax Klin Pneumol** 1985 Jan;39(1):28–32 (Eng. Abstr.) **(Ger)**

RADIONUCLIDE IMAGING

Esophageal radionuclide transit tests. Potential false-positive results. Blackwell JM, et al. **Clin Nucl Med** 1984 Dec; 9(12):679–83

Radionuclide esophagogram. Taillefer R, et al. **Clin Nucl Med** 1984 Aug;9(8):465–83

Quantitation of esophageal transit by means of 81mKr. Ham HR, et al. **Eur J Nucl Med** 1984;9(8):362–5

Sucralfate and esophageal ulcers. Goff JS, et al. **Gastrointest Endosc** 1985 Feb;31(1):50

Scintigraphic evaluation of the esophageal transit time for the noninvasive assessment of esophageal motor disorders. De Vincentis N, et al. **J Nucl Med Allied Sci** 1984 Jul–Sep; 28(3):137–42

Evaluation of esophageal transit in children and in infants by means of Krypton-81m. Ham HR, et al. **Pediatr Radiol** 1985;15(3):161–4

The contribution of radionuclide transit studies to the diagnosis of suspected oesophageal disorders—a review of 150 patients. de Caestecker JS, et al. **Scott Med J** 1984 Jul;29(3):200

[Nuclear medicine diagnosis of motility disorders of the esophagus] Eckardt VF, et al. **Dtsch Med Wochenschr** 1985 Feb 22;110(8):307–10 **(Ger)**

[Value of dynamic esophageal scintigraphy (radioisotope transit study) in the study of motility disorders of the esophagus] Simon L, et al. **Orv Hetil** 1985 Apr 7; 126(14):827–8, 831–4 (Eng. Abstr.) **(Hun)**

[Esophageal scintigraphy in the evaluation of motor disorders of the esophagus] Velasco N, et al. **Rev Med Chil** 1983 Jul;111(7):654–9 (Eng. Abstr.) **(Spa)**

SURGERY

Reversible total esophageal exclusion. Lewis RJ, et al. **Ann Thorac Surg** 1985 May;39(5):476–7

Management of an infected mucocele occurring in a bypassed excluded esophageal segment. Olsen CO, et al. **Ann Thorac Surg** 1985 Jul;40(1):73–5

Giant ulcer of the oesophagus with erosion of the aorta-successful treatment with aortic suture secured by an omental graft and oesophagectomy. Schiessel R, et al. **Br J Surg** 1985 Aug;7(8):650

Gastric emptying and sieving of solid food and pancreatic and biliary secretions after solid meals in patients with nonresective ulcer surgery. Mayer EA, et al. **Gastroenterology** 1984 Dec;87(6):1264–71

Boerhaave syndrome. Bajaj MS, et al. **J Assoc Physicians India** 1984 Oct;32(10):924–5

Epithelial lining methods in esophageal repair: a comparative study using pedicle flaps in cats. Tobin GR, et al. **Surgery** 1985 Aug;98(2):158–65

[Prevention of early respiratory complications in esophageal surgery by ventilation of the independent lungs] Neidhardt A, et al. **Cah Anesthesiol** 1984 Dec;32(8):613–6 (Eng. Abstr.) **(Fre)**

[Indications and value of mechanical anastomoses of the upper gastrointestinal tract] Günther B, et al. **Chirurg** 1985 Apr;56(4):216–22 **(Ger)**

[Emergency esophageal replacement in thoracic perforation and rupture] Ulrich B, et al. **Chirurg** 1985 Feb;56(2):114–6 **(Ger)**

[Use of lasers in esophageal and stomach surgery] Wanzjan EN, et al. **Langenbecks Arch Chir** 1984;364:171–2 **(Ger)**

[Spontaneous rupture of the esophagus. A case treated late with success by protecting the suture with dehydrated dura mater. Description of a personal technic] Di Fabio D, et al. **Minerva Chir** 1984 May 31;39(10):831–4 (Eng. Abstr.) **(Ita)**

[pH manometry with endoluminal transducer in the diagnosis of gastroesophageal reflux. Author's experience] Maggioni P, et al. **Minerva Med** 1985 Feb 28;76(8):349–50 **(Ita)**

[Three surgically treated cases of spontaneous rupture of the esophagus with reference to a new surgical approach—eversion stripping and esophagogastrostomy through the posterior mediastinum] Osako T, et al. **Nippon Geka Gakkai Zasshi** 1984 Jun;85(6):592–7 (Eng. Abstr.) **(Jpn)**

[Articles on esophageal surgery in the journal 'Grudnaia Khirurgiia' over the past 25 years] Chernousov AF, et al. **Grudn Khir** 1985 Jan–Feb;(1):64–9 **(Rus)**

[Current state of surgery of the esophagus] Petrovskii BV, et al. **Khirurgiia (Mosk)** 1985 May;(5):10–4 **(Rus)**

[Long term results of surgery in diffuse, idiopathic, symptomatic esophageal spasm] Paris F, et al. **Rev Esp Enferm Apar Dig** 1984 Dec;66(6):497–507 (Eng. Abstr.) **(Spa)**

THERAPY

Unifying concepts in treatment of esophageal leaks. Richardson JD, et al. **Am J Surg** 1985 Jan;149(1):157–62

Barrett's oesophagus. Hennessy TP. **Br J Surg** 1985 May; 72(5):336–40 (69 ref.)

The management of spontaneous oesophageal perforation by thoracoscopy and irrigation. Hutter JA, et al. **Br J Surg** 1985 Mar;72(3):208–9

Emergent and therapeutic upper gastrointestinal endoscopy in children. Van Stiegmann G, et al. **World J Surg** 1985 Apr;9(2):294–9

VETERINARY

Prevalence of equine sarcocystis in British horses and a comparison of two detection methods. Edwards GT. **Vet Rec** 1984 Sep 15;115(11):265–7

ESOPHAGEAL DIVERTICULA

Intramural oesophageal diverticulosis. A report on three cases. Samuel EH, et al. **West Indian Med J** 1984 Sep; 33(3):204–6

COMPLICATIONS

Carcinoma associated with Zenker's diverticulum. Johnson JT, et al. **Ann Otol Rhinol Laryngol** 1985 May–Jun; 94(3):324–5

Dysphagia due to simultaneous laryngocele and Zenker's diverticulum. Birt BD. **Laryngoscope** 1985 Jan;95(1):1–2

Esophageal carcinoma associated with multiple diverticula in the middle esophagus—a case report of a 30-year-old man and review of the literature. Uchida Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jul 20;19(6):1265–71

[Esophageal diverticula and therapeutic inefficacy (letter)] Métais P, et al. **Gastroenterol Clin Biol** 1984 Oct;8(10):773–4 **(Fre)**

[Esophageal obstruction caused by a Zenker's diverticulum: autocompression of the esophagus] Monhemius A, et al. **ROFO** 1984 Oct;141(4):468–9 **(Ger)**

[Intramural pseudodiverticulosis of the esophagus: presentation of an unusual case] Perri G, et al. **Radiol Med (Torino)** 1984 Apr;70(4):180–1 **(Ita)**

DIAGNOSIS

Lateral pharyngoesophageal diverticulum simulating thyroid adenoma on sonography. Hayashi N, et al. **JCU** 1984 Nov–Dec;12(9):592–4

OCCURRENCE

Gastrointestinal diverticulosis. A retrospective analysis. Qureshi H, et al. **JPMA** 1985 Jan;35(1):14–9

PHYSIOPATHOLOGY

[Esophageal motor disorders in epiphrenic esophageal diverticula] Stanciu C, et al. **Rev Chir [Otorinolaringol]** 1984 Jul–Sep;29(3):221–4 (Eng. Abstr.) **(Rum)**

RADIOGRAPHY

Intramural pseudodiverticulosis of the oesophagus. A case report. Moosa MR, et al. **S Afr Med J** 1984 Sep 15; 66(11):419–20

[Intramural pseudodiverticulosis of the esophagus] Schmidt M, et al. **Rontgenblatter** 1984 Aug;37(8):276–80 (Eng. Abstr.) **(Ger)**

[Intramural pseudodiverticulosis of the esophagus. Presentation of 2 cases] Orzincolo C, et al. **Minerva Med** 1985 Apr 14;76(16):779–82 (Eng. Abstr.) **(Ita)**

SURGERY

Esophageal web associated with Zenker's diverticulum: a possible cause of continuing dysphagia after diverticulectomy. Mercer CD, et al. **Can J Surg** 1985 Jul; 28(4):375–6

The use of intraoperative oesophagoscopy in oesophageal diverticula: a report of two cases. Milito G, et al. **Ital J Surg Sci** 1984;14(3):233–5

Surgical treatment of epiphrenic diverticula of the esophagus: is diverticulectomy always necessary? A report of two cases. Montesani C, et al. **Ital J Surg Sci** 1985;15(1):69–73

Microendoscopic surgery of the hypopharyngeal pouch with the CO2 laser. Hoeksema PE, et al. **Lasers Surg Med** 1985; 5(4):367–9

Surgical management of esophageal diverticula. Fegiz G, et al. **World J Surg** 1984 Oct;8(5):757–65

[Therapy of Zenker's diverticula] Escher F. **Schweiz Med Wochenschr** 1984 Oct 13;114(41):1428–33 (Eng. Abstr.) **(Ger)**

[1-stage partial lung resection for tuberculosis and diverticulectomy of the esophagus] Kariev TM, et al. **Grudn Khir** 1985 Mar–Apr;(2):81–3 **(Rus)**

ESOPHAGEAL FISTULA

CONGENITAL

[Rare congenital aerodigestive fistulae] Dyon JF, et al. **Chir Pediatr** 1984;25(4–5):234–44 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

[Congenital esophagobronchial fistula in adults. Apropos of a case] Vial P, et al. **Ann Chir** 1983 Oct;37(7):554–7 (Eng. Abstr.) **(Fre)**

[Unuzual etiology of a mediastinal space-occupying lesion] Strauss B, et al. **Z Erkr Atmungsorgane** 1985;164(2):195–9 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Achalasia complicated by esophagobronchial fistula. Wolf EL, et al. **Am J Gastroenterol** 1985 Jul;80(7):584–5

Arterial-esophageal fistulae developing in patients with anomalies of the aortic arch system. Edwards BS, et al. **Chest** 1984 Nov;86(5):732–5

Bronchoesophageal fistula caused by pulmonary aspergillosis. Mineur P, et al. **Eur J Respir Dis** 1985 May;66(5):360–6

Aortoesophageal fistula and sentinel hemorrhage. Patel NM, et al. **IMJ** 1985 Jan;167(1):58–9

Pleuroesophageal fistula as a complication of empyema thoracis. Raj B, et al. **Indian J Chest Dis Allied Sci** 1983 Oct–Dec;25(4):294–6

Esophagopleural fistula after pneumonectomy for inflammatory disease. Shama DM, et al. **J Thorac Cardiovasc Surg** 1985 Jan;89(1):77–81

Gastrojejunal and gastroesophageal fistulae following placement of an Angelchik prosthesis [letter] Ell SR. **JAMA** 1984 Dec 7;252(21):2961–2

[An aorto-esophageal fistula in a patient with malignant lymphogranuloma] Peychlová J, et al. **Cesk Patol** 1984 Aug;20(3):177–82 (Eng. Abstr.) **(Cze)**

[Esophageal and gastric fistulas following surgery of the esophagogastric junction] Gianello P, et al. **Acta Chir Belg** 1985 May–Jun;85(3):169–78 (Eng. Abstr.) **(Fre)**

[Hematemesis caused by esophageal fissuring of an aneurysm of the arteria lusoria] Glock Y, et al. **Ann Chir** 1984 Oct; 38(7):541–4 (Eng. Abstr.) **(Fre)**

[Esophagobronchial fistula following sclerosis of esophageal varices. Treatment by injection of biological glue (letter)] Barthélemy C, et al. **Gastroenterol Clin Biol** 1984 Oct; 8(10):772–3 **(Fre)**

[Posttraumatic esophagopericardial fistula] Strohl D, et al. **J Radiol** 1984 Apr;65(4):289–91 (Eng. Abstr.) **(Fre)**

[Radiotherapy for esophageal carcinoma with broncho-esophageal fistula] Yamada S, et al. **Gan No Rinsho** 1984 Sep;30(11):1337–43 (Eng. Abstr.) **(Jpn)**

RADIOGRAPHY

Aortoesophageal fistula after perigraft abscess with characteristic CT findings. Tierney LM Jr, et al. **J Clin Gastroenterol** 1984 Dec;6(6):535–7

SURGERY

Auto-alloplastics closure of cervical esophageal fistulae. Bornemisza G, et al. **Acta Chir Hung** 1985;26(3):135–40

Management of aortoesophageal fistula. A case report. McFaddin DM, et al. **Am Surg** 1985 Sep;51(9):548–50

[Fatal esophagogastric-aortic fistula following resection of carcinoma of the esophagus—a report of 10 cases] Zhang W. **Chung Hua Chung Liu Tsa Chih** 1984 Sep;6(5):368–71 (Eng. Abstr.) **(Chi)**

[Early secondary thoracotomy in the treatment of intrathoracic esophagogastrostomy leakage] Sun CE, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Feb;23(2):95–6, 127 (Eng. Abstr.) **(Chi)**

[Use of a pectoralis major island flap in large soft tissue defects of the neck] Bähr R, et al. **Chirurg** 1984 Nov; 55(11):762–4 **(Ger)**

[Etiology and surgical treatment of acquired esophago-bronchial fistulas] Avilova OM, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):80–4 (Eng. Abstr.) **(Rus)**

[Spontaneous esophageal-respiratory fistulae in adults] Khorev GN. **Vestn Khir** 1984 Sep;133(9):63–6 **(Rus)**

THERAPY

Malignant esophagopulmonary fistula treated by fiberoptic intubation of a prosthesis. Valbuena J. **Gastrointest Endosc** 1985 Aug;31(4):281–3

Anastomotic leak and recurrent fistula following operation of oesophageal atresia. Sigge W, et al. **Z Kinderchir** 1985 Apr;40(2):71–4

[Endoscopic occlusion of a tumor-caused esophago-mediastinal fistula with a rapidly hardening amino acid solution (letter)] Riemann JF. **Dtsch Med Wochenschr** 1985 Mar 8;110(10):396 **(Ger)**

[Occlusion of a malignant esophagobronchial fistula with an adhesive-anchored endoprosthesis] Straumann A, et al.

Schweiz Rundsch Med Prax 1984 Sep 4;73(36):1086-7 (Eng. Abstr.) (Ger)

[Therapeutic procedure in anastomotic fistulae after total gastrectomy for cancer] Acalovschi I, et al. **Rev Chir [Chir]** 1983 Jul-Aug;32(4):279-84 (Eng. Abstr.) (Rum)

ESOPHAGEAL NEOPLASMS

Esophageal leiomyoma [letter] Shernoff NJ, et al. **Gastrointest Endosc** 1985 Jun;31(3):226-7

Giant fibrovascular polyp of the esophagus. Carter MM, et al. **Gastrointest Radiol** 1984;9(4):301-3

Lipoma of the esophagus. Peiser J, et al. **Isr J Med Sci** 1984 Nov;20(11):1068-70

Obstructing lipomas of the esophagus and ileocecal valve [letter] Ovnat A, et al. **J Clin Gastroenterol** 1985 Jun;7(3):279-80

Carcinoma of the esophagus in blacks. Smith EB. **J Natl Med Assoc** 1985 Jan;77(1):44-8

Carcinoma of the oesophagus: aspects of epidemiology and aetiology. Silber W. **Proc Nutr Soc** 1985 Feb;44(1):101-10 (86 ref.)

Carcinoma of the cervical esophagus: diagnosis, management, and results. Lee DJ, et al. **South Med J** 1984 Nov;77(11):1365-7

[Sebaceous gland heterotopia in the esophagus (letter)] Wörmann B, et al. **Dtsch Med Wochenschr** 1984 Sep 28;109(39):1503 (Ger)

[Leiomyosarcoma of the esophagus. Description of a case and review of the literature] Lombardo G, et al. **Minerva Chir** 1985 Jun 15;40(11):811-8 (Eng. Abstr.) (Ita)

[Subdural spinal metastasis of a carcinoma of the esophagus] Orozco Fuentes M, et al. **Rev Clin Esp** 1985 Mar;176(4):207-9 (Eng. Abstr.) (Spa)

ANALYSIS

Keratin expression in normal esophageal epithelium and squamous cell carcinoma of the esophagus. Grace MP, et al. **Cancer Res** 1985 Feb;45(2):841-6

The iron status of urban black subjects with carcinoma of the oesophagus. Isaacson C, et al. **S Afr Med J** 1985 Apr 13;67(15):591-3

[Trace elements in hair, serum and cancerous tissue in patients with esophageal cancer] Hu GG. **Chung Hua Chung Liu Tsa Chih** 1985 May;7(3):181-4 (Eng. Abstr.) (Chi)

[Cyclic adenosine monophosphate (cAMP) and cyclic guanosine monophosphate (cGMP) levels in cancer tissue, plasma and urine of esophageal cancer patients] Zhao CY. **Chung Hua Chung Liu Tsa Chih** 1985 May;7(3):175-7 (Eng. Abstr.) (Chi)

[A microphotometric study on the nuclear DNA contents in the cells of human and experimental esophageal cancers] Honma K. **Nippon Geka Hokan** 1984 Sep 1;53(5):631-43 (Eng. Abstr.) (Jpn)

BLOOD

Fat infusion and blood coagulation in patients undergoing surgery for esophageal cancer. Motton G, et al. **Ital J Surg Sci** 1984;14(4):271-4

[Radioimmunoassay of carcinoembryonic antigen, gastrin and immunoglobulin E in evaluating different methods of treatment of patients with esophageal and stomach cancer] Parkhomenko AV, et al. **Med Radiol (Mosk)** 1984 Nov;29(11):9-12 (Eng. Abstr.) (Rus)

[Relation of spontaneous chemiluminescence, electrochemiluminescence and resistance of blood serum in patients with cancer of the proximal part of the stomach and esophagus] Ganul VL, et al. **Vopr Onkol** 1985;31(1):63-7 (Eng. Abstr.) (Rus)

CHEMICALLY INDUCED

Esophageal microsomal metabolism of N-nitrosomethylbenzylamine in the zinc-deficient rat. Barch DH, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5629-33

Carcinogenesis of esophageal cancer in Linxian, China. Li MX, et al. **Chin Med J [Engl]** 1984 May;97(5):311-6

Endoscopic study of chronological changes leading to cancer in the esophagus of dogs induced by N-ethyl-N'-nitro-N-nitrosoguanidine. Sasaki O, et al. **Gastroenterol Jpn** 1984 Oct;19(5):456-63

Recent studies on N-nitroso compounds as possible etiological factors in oesophageal cancer. Lu SH, et al. **IARC Sci Publ** 1984;(57):947-53

Test of catechol, tannic acid, Bidens pilosa, croton oil, and phorbol for cocarcinogenesis of esophageal tumors induced in rats by methyl-n-amylnitrosamine. Mirvish SS, et al. **JNCI** 1985 Jun;74(6):1283-90

Characterization and identification of 6 mutagens in opium pyrolysates implicated in oesophageal cancer in Iran. Friesen M, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):177-91

[Cancer of the esophagus induced in the Wistar rat by ethyl-N-butyl-nitrosamine] Mandard AM, et al. **Bull Cancer (Paris)** 1984;71(5):419-24 (Eng. Abstr.) (Fre)

[Effect of sex hormone on the experimental induction of esophageal cancer] Kobayashi K. **Nippon Geka Gakkai Zasshi** 1985 Mar;86(3):280-9 (Eng. Abstr.) (Jpn)

CLASSIFICATION

[Anatomo-pathologic classification of cancer of the esophagus] Grodos J, et al. **Acta Gastroenterol Belg** 1984 Mar-Apr;47(2):150-62 (Eng. Abstr.) (Fre)

[Clinico-pathological classification of carcinoma of the esophagus] Curto Cardús J, et al. **Rev Esp Enferm Apar Dig** 1985 Apr;67(4):337-40 (Eng. Abstr.) (Spa)

COMPLICATIONS

Fibre-endoscopic insertion of oesophageal tube for palliation in malignant oesophagogastric obstruction. Salo JA, et al. **Acta Chir Scand** 1985;151(4):341-4

Malignant stenosis of the esophagus treated with dilatation or intubation. Granström L, et al. **Acta Chir Scand [Suppl]** 1984;520:33-6

Sudden asphyxial death due to an esophageal leiomyoma. Peacock JA, et al. **Am J Forensic Med Pathol** 1985 Jun;6(2):159-61

Achalasia associated with squamous cell carcinoma of the esophagus: a case report. Rock LA, et al. **Am J Gastroenterol** 1985 Jul;80(7):526-8

Barrett's esophagus: its prevalence and association with adenocarcinoma in patients with symptoms of gastroesophageal reflux. Sarr MG, et al. **Am J Surg** 1985 Jan;149(1):187-93

Esophageal carcinoma with membranous nephropathy [letter] Heckerling PS. **Ann Intern Med** 1985 Sep;103(3):474

Carcinoma associated with Zenker's diverticulum. Johnson JT, et al. **Ann Otol Rhinol Laryngol** 1985 May-Jun;94(3):324-5

A spiral-grooved endoesophageal tube for management of malignant esophageal obstruction. Wang PY, et al. **Ann Thorac Surg** 1985 Jun;39(6):503-7

Carcinoma associated with achalasia. Occurrence 23 years after esophagomyotomy. Heiss FW, et al. **Dig Dis Sci** 1984 Nov;29(11):1066-9

Watery diarrhea-hypokalemia-achlorhydria syndrome and carcinoma of the esophagus. Watson KJ, et al. **Gastroenterology** 1985 Mar;88(3):798-803

Balloon dilatation of benign and malignant esophageal strictures. Blind retrograde balloon dilatation. Graham DY, et al. **Gastrointest Endosc** 1985 Jun;31(3):171-4

Oat cell carcinoma of esophagus [letter] Heyes FL, et al. **Int J Radiat Oncol Biol Phys** 1985 Aug;11(8):1573

Tracheoesophageal fistula secondary to esophageal carcinoma presenting with aspiration pneumonia. Adler L, et al. **J Natl Med Assoc** 1985 May;77(5):401-3

Case report: organic brain syndrome due to multiple tumour emboli. Millán JM, et al. **J Neurol** 1984;231(5):273-5

Esophageal carcinoma associated with multiple diverticula in the middle esophagus—a case report of a 30-year-old man and review of the literature. Uchida Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jul 20;19(6):1265-71

Early esophageal carcinoma accompanied by esophageal varices: a case report. Hishikawa Y, et al. **Radiat Med** 1984 Apr-Jun;2(2):101-3

[Adenocarcinoma of the cervical esophagus. Association with a gastric heterotopia] Goëau-Brissonnière O, et al. **J Chir (Paris)** 1985 Feb;122(2):101-3 (Eng. Abstr.) (Fre)

[Abscess-forming pneumonia in esophageal cancer. A case contribution] Billmann P, et al. **Radiologe** 1984 Oct;24(10):475-7 (Eng. Abstr.) (Ger)

[Possibilities and limits of palliative endoscopic intubation] Fuchs KH, et al. **Zentralbl Chir** 1984;109(16):1081-6 (Ger)

[Unusual cause of esophageal stenosis] Ballabio D, et al. **Minerva Med** 1985 Feb 28;76(8):341-4 (Ita)

[Evaluation of esophageal carcinoma concomitant with achalasia--a statistical reports of 139 institutes in Japan] Mine H, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Dec;32(12):2041-7 (Eng. Abstr.) (Jpn)

[A case of adenocarcinoma complicating Barrett's esophagus] Kawai M, et al. **Nippon Naika Gakkai Zasshi** 1985 May;74(5):577-81 (Jpn)

[Primary malignant melanoma of the esophagus associated with melanosis of the esophagus and stomach] Alberti JE, et al. **Acta Gastroenterol Latinoam** 1984;14(2):139-48 (Eng. Abstr.) (Spa)

[Fanconi's anemia. Response to low doses of anabolics and association with carcinoma of the esophagus] Gutiérrez Romero M, et al. **Rev Invest Clin** 1984 Oct-Dec;36(4):353-6 (Eng. Abstr.) (Spa)

DIAGNOSIS

Cytodiagnosis of in situ and early carcinoma of the upper gastrointestinal tract. Howell LP, et al. **Acta Cytol (Baltimore)** 1985 May-Jun;29(3):269-73

Primary tuberculosis of the esophagus: pseudotumoral presentation. Laajam MA. **Am J Gastroenterol** 1984 Nov;79(11):839-41

Esophageal carcinoma masquerading as recurrent acute suppurative thyroiditis. Walfish PG, et al. **Arch Intern Med** 1985 Feb;145(2):346-7

Balloon cytology in screening of asymptomatic alcoholics for esophageal cancer, Part I. Korsten MA, et al. **Dig Dis Sci** 1985 Sep;30(9):845-51

Blind pan-esophageal brush cytology. Diagnostic accuracy. Aste H, et al. **Endoscopy** 1984 Sep;16(5):165-7

Double early epidermoid carcinoma of the esophagus in columnar epithelium. Resano CH, et al. **Endoscopy** 1985 Mar;17(2):73-5

Endoscopic ultrasonography in the assessment of intra- and transmural infiltration of tumours in the oesophagus, stomach and papilla of Vater and in the detection of extraoesophageal lesions. Tio TL, et al. **Endoscopy** 1984 Nov;16(6):203-10

Esophagogastric polyp [letter] Emmanoulidis A, et al. **Gastrointest Endosc** 1985 Feb;31(1):55

Granular cell myoblastoma of the esophagus: endoscopic diagnosis and therapy. Farinati F, et al. **Gastrointest Endosc** 1985 Feb;31(1):22-3

Endoscopy in premalignant conditions of the esophagus. Lightdale CJ. **Gastrointest Endosc** 1984 Oct;30(5):308-10

The spectrum of esophageal carcinoma. Stair JM, et al. **J Arkansas Med Soc** 1985 Jul;82(2):107-14 (39 ref.)

Radiologic exploration of the upper gastrointestinal tract. The usefulness of ultrasonography and computed tomography. Bartolozzi C, et al. **J Belge Radiol** 1984;67(6):377-84

X-ray-negative dysphagia: is endoscopy necessary? DiPalma JA, et al. **J Clin Gastroenterol** 1984 Oct;6(5):409-11

Brush cytology for the early detection of esophageal carcinoma among patients with upper aerodigestive malignancies. Dowlatshahi K, et al. **Laryngoscope** 1985 Aug;95(8):971-5

Neurofibroma of the esophagus. Hishikawa Y, et al. **Radiat Med** 1984 Oct-Dec;2(4):224-5

Case of the season. Inflammatory fibrous polyp of esophagus. Sheward SE. **Semin Roentgenol** 1985 Jul;20(3):197-9

[Value of tissue lactic dehydrogenase (LDH) and its isoenzymes in the diagnosis of carcinoma of the esophagus and gastric cardia] Xu JJ. **Chung Hua Chung Liu Tsa Chih** 1984 Jul;6(4):273-7 (Eng. Abstr.) (Chi)

[The value of fibroscopy in the diagnosis of tumors of the esophagus] Deltenre M, et al. **Acta Gastroenterol Belg** 1984 Mar-Apr;47(2):163-71 (Eng. Abstr.) (Fre)

[Granular cell tumor of the esophagus. Review of the literature. Apropos of a case] Elhadad A, et al. **Ann Chir** 1984 Sep;38(6):441-5 (Eng. Abstr.) (Fre)

[Cancer of the esophagus: early endoscopic diagnosis] Savary M. **Gastroenterol Clin Biol** 1985 Jan;9(1):7-9 (Fre)

[Prognostically unfavorable factors in esophagus cancer. II. Value of diagnostic significance] Weitensfelder W, et al. **Chirurg** 1985 Mar;56(3):156-60 (Eng. Abstr.) (Ger)

[Precancerous conditions in the upper gastrointestinal tract. Diagnosis and monitoring] Singe CC, et al. **Dtsch Med Wochenschr** 1985 Jun 21;110(25):1003-6 (Ger)

[Endoscopic ultrasonic study of the esophagus] Strohm WD, et al. **Dtsch Med Wochenschr** 1985 May 17;110(20):783-6 (Eng. Abstr.) (Ger)

[Esophageal leiomyoma: presentation of a clinical case] Solfanelli E, et al. **Arch De Vecchi Anat Patol** 1983 Jul;65(2-3):287-91 (Ita)

[Endoscopic diagnosis of esophago-cardial cancer. Author's experience] Lomazzi A, et al. **Minerva Med** 1985 Feb 28;76(8):367-9 (Ita)

[Cytophotometric DNA analysis of the early and superficial esophageal cancer] Koseki K, et al. **Nippon Geka Gakkai Zasshi** 1984 Jun;85(6):548-54 (Eng. Abstr.) (Jpn)

[A rare form of leiomyoma of the cervical segment of the esophagus] Pirogov AI, et al. **Sov Med** 1984;(9):111-2 (Rus)

[Rapid cytological diagnosis in cancer of the lung, stomach and esophagus] Shabalova IP. **Vopr Onkol** 1985;31(7):34-9 (Eng. Abstr.) (Rus)

DRUG THERAPY

Palliation of esophageal malignancy with photodynamic therapy. McCaughan JS Jr, et al. **Ann Thorac Surg** 1985 Aug;40(2):113-20

Anterior chemotherapy in esophageal cancer. Advani SH, et al. **Cancer** 1985 Oct 1;56(7):1502-6

Cisplatin and bleomycin in the treatment of esophageal carcinoma. A final report. Coonley CJ, et al. **Cancer** 1984 Dec 1;54(11):2351-5

Palliation of esophageal malignancy with photoradiation therapy. McCaughan JS Jr, et al. **Cancer** 1984 Dec 15;54(12):2905-10

Phase II study of 4-demethoxydaunorubicin in patients with adenocarcinoma of the upper gastrointestinal tract. Einzig A, et al. **Cancer Treat Rep** 1984 Nov;68(11):1415-6

Chemotherapy for esophageal cancer with mitoguazone, methotrexate, bleomycin, and cisplatin. Vogl SE, et al. **Cancer Treat Rep** 1985 Jan;69(1):21-3

Tumores rari et inusitati. Adenoid cystic carcinoma of the oesophagus: report of a case not responding to combination chemotherapy. Woobes T, et al. **Clin Oncol** 1984 Sep;10(3):261-6

Chemotherapy of esophageal cancer [editorial] Kelsen D. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):5-7

Chemotherapy for squamous cell cancer of esophagus. Santhi Swaroop V, et al. **Indian J Gastroenterol** 1984 Jan;3(1):33-5 (23 ref.)

Studies on hyperthermic chemotherapy for cancer of the esophagus—especially the intraluminal administration with perfusion of BLM containing warmed saline solution. Uchiyama T. **Nippon Geka Hokan** 1984 Nov 1;53(6):703-20

Photodynamic therapy with hematoporphyrin derivative in cancer of the upper gastrointestinal tract. Hayata Y, et al.

Semin Surg Oncol 1985;1(1):1–11

Pain relief: for cancer victims only. Orient JM. **South Med J** 1985 Sep;78(9):1114–5

[Comparative observations on advanced cancers of the esophagus and gastric cardia with or without chemotherapy in a high-incidence area] Zhou JC. **Chung Hua Chung Liu Tsa Chih** 1984 Nov;6(6):453–5 (Eng. Abstr.) **(Chi)**

[Combination chemotherapy with cis-dichlorodiammineplatinum (11) (CDDP) and bleomycin BLM in advanced esophageal carcinoma] Hayakawa M, et al. **Gan No Rinsho** 1985 Feb;31(2):122–7 (Eng. Abstr.) **(Jpn)**

[Multitherapy of advanced esophageal carcinoma with special reference to pre- and post-operative administration of cis-platinum] Ide H, et al. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1413–22 (Eng. Abstr.) **(Jpn)**

[Treatment of esophageal cancer by endoscopic administration of peplomycin ointment] Ohashi M, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2598–600 (Eng. Abstr.) **(Jpn)**

[A neo-adjuvant chemotherapy for carcinomas of the hypopharynx and cervical esophagus] Tsuruta Y, et al. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1496–501 (Eng. Abstr.) **(Jpn)**

[Combination chemotherapy with cis-diamminedichloroplatinum (CDDP) and other anticancer agents for patients with advanced esophageal cancer] Yoshihara T, et al. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1286–93 (Eng. Abstr.) **(Jpn)**

[Clinicopathological studies on preoperative adjuvant cancer chemotherapy by one shot infusion into the esophageal artery for the treatment of esophageal cancer—with special reference to histopathological effects] Matsuno M. **Igaku Kenkyu** 1984 Mar;54(2):134–49 (Eng. Abstr.) **(Jpn)**

[Possibilities of using polychemotherapy according to the COP protocol in lymphosarcoma of the gastrointestinal tract] Poddubnaia IV. **Ter Arkh** 1985;57(2):103–6 (Eng. Abstr.) **(Rus)**

[Chemotherapy of esophageal cancer] Fodor M, et al. **Rev Med Chil** 1984 Nov;112(11):1142–5 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

[Histochemical studies on esophageal cancer. Comparison with experimental esophageal cancer in rats and esophageal cancer in humans] Kawasaki Y. **Igaku Kenkyu** 1984 Mar;54(2):203–20 (Eng. Abstr.) **(Jpn)**

[Sequential histochemical studies of the esophageal carcinoma in rats induced by N-methyl-N-amylnitrosamine] Yamamoto Y. **Nippon Shokakibyo Gakkai Zasshi** 1985 May;82(5):1293–9 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

Bulimia and gastric cancer [letter] Walker ES. **Ann Intern Med** 1985 Aug;103(2):305

Oesophageal cancer in Zulu men, South Africa: a case-control study. Van Rensburg SJ, et al. **Br J Cancer** 1985 Mar;51(3):399–405

Esophagitis and cancer of the esophagus. Kuylenstierna R, et al. **Cancer** 1985 Aug 15;56(4):837–9

Role of opium in esophageal cancer: a hypothesis [letter] Dowlatshahi K, et al. **Cancer Res** 1985 Apr;45(4):1906–7

A mutagenic metabolite produced by Fusarium moniliforme isolated from Linxian county, China. Cheng SJ, et al. **Carcinogenesis** 1985 Jun;6(6):903–5

Achalasia as a risk factor for esophageal carcinoma. A reappraisal. Chuong JJ, et al. **Dig Dis Sci** 1984 Dec;29(12):1105–8

Adenocarcinoma and Barrett's esophagus following surgically treated achalasia. Shah AN, et al. **Gastrointest Endosc** 1984 Oct;30(5):294–6

Radiation-induced esophageal carcinoma. O'Connell EW, et al. **Gastrointest Radiol** 1984;9(4):287–91

Carcinoma of the esophagus engrafted on corrosive stricture. A case report. Miyoshi N, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):789–92

Tobacco and the risk of cancer. Importance of kinds of tobacco. Esteve J, et al. **IARC Sci Publ** 1984;(57):867–76

Cocarcinogens of the tumour-promoter type as potential risk factors of cancer in man. A first complete experimental analysis of an etiological model situation and some of its consequences. Hecker E. **IARC Sci Publ** 1984;(56):441–63

Oesophageal cancer studies in the Caspian littoral of Iran: some residual results, including opium use as a risk factor. Ghadirian P, et al. **Int J Cancer** 1985 May 15;35(5):593–7

Esophageal cancer and previous partial gastrectomy [letter] Rossi M, et al. **Int Surg** 1984 Oct–Dec;69(4):369

Esophageal cancer in relation to cigarette and alcohol consumption. Burch PR. **J Chronic Dis** 1984;37(11):793–814

Effects of various dietary staples on esophageal carcinogenesis induced in rats by subcutaneously administered N-nitrosomethylbenzylamine. van Rensburg SJ, et al. **JNCI** 1985 Sep;75(3):561–6

Vitamin A and other deficiencies in Linxian, a high esophageal cancer incidence area in northern China. Yang CS, et al. **JNCI** 1984 Dec;73(6):1449–53

Sorghum in oesophageal cancer [letter] Loefler IJ. **Lancet** 1985 Sep 7;2(8454):562

Tannin, sorghum, and oesophageal cancer [letter] Oterdoom HJ. **Lancet** 1985 Aug 10;2(8450):330

The incidence of adenocarcinoma in columnar-lined (Barrett's) esophagus. Cameron AJ, et al. **N Engl J Med** 1985 Oct 3;313(14):857–9

Human papillomavirus and carcinoma of the esophagus [letter] Hille JJ, et al. **N Engl J Med** 1985 Jun 27;312(26):1707

The possible role of nitrosamines in the link between alcohol consumption and esophageal cancer in man. Swann PF. **Toxicol Pathol** 1984;12(4):357–60

[Effect of riboflavin deficiency and massive doses of vitamin C on carcinogenesis in the esophagus and liver in rats] Lin PZ. **Chung Hua Chung Liu Tsa Chih** 1985 May;7(3):171–4 (Eng. Abstr.) **(Chi)**

[Studies on the relation of Candida infection and esophageal carcinoma] Xia QJ. **Chung Hua Chung Liu Tsa Chih** 1984 May;6(3):168–72 (Eng. Abstr.) **(Chi)**

[Unusual late complication of caustic stenosis. Canceration of the cervical esophagus at the level of the ileocoloplasty anastomosis] Marquand J, et al. **Chirurgie** 1984;110(4):400–4 (Eng. Abstr.) **(Fre)**

[A case of cancer arising on a multi-operated achalasic megaesophagus] Zannini P, et al. **Chir Ital** 1983 Jun;35(3):342–9 (Eng. Abstr.) **(Ita)**

[Factors affecting the occurrence of cancer relapses in the intrathoracic portion of the esophagus after radical treatment] Cholokashvili LD. **Vopr Onkol** 1985;31(7):39–41 (Eng. Abstr.) **(Rus)**

[Malignization of esophagitis] de Arzua Zulaica E. **Rev Esp Enferm Apar Dig** 1985 Mar;67(3):265–6 **(Spa)**

FAMILIAL & GENETIC

Familial history of esophageal cancer. Ghadirian P. **Cancer** 1985 Oct 15;56(8):2112–6

[Preliminary investigation of the esophageal epithelial cells in members of families with high and low incidence of esophageal cancer] He LJ. **Chung Hua Chung Liu Tsa Chih** 1985 May;7(3):178–80 (Eng. Abstr.) **(Chi)**

[Study on sister chromatid exchange in patients with esophageal cancer] Liu YC. **Chung Hua Chung Liu Tsa Chih** 1984 Jul;6(4):260–1 (Eng. Abstr.) **(Chi)**

[Studies on the genetic and environmental epidemiology of esophageal cancer in seven families in Linxian County] Pan QQ. **Chung Hua Chung Liu Tsa Chih** 1985 May;7(3):161–6 (Eng. Abstr.) **(Chi)**

IMMUNOLOGY

Haematopoietic committed stem cells in carcinoma oesophagus. Sabnani I, et al. **Indian J Med Res** 1984 Dec;80:677–9

[Presence of papilloma group viral antigen in an esophageal condyloma in man] Lesec G, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):166–8 (Eng. Abstr.) **(Fre)**

[Clinical evaluation of tissue polypeptide antigen in patients with esophageal, stomach and colon cancer] Ogoshi K, et al. **Gan No Rinsho** 1984 Aug;30(10):1299–302 (Eng. Abstr.) **(Jpn)**

[Status of T-system immunity in patients with chronic diseases and cancer of the gastrointestinal tract] Movsesian KS, et al. **Vopr Onkol** 1985;31(1):60–3 (Eng. Abstr.) **(Rus)**

METABOLISM

[Various indices of metabolism and non-specific immunity in cancer of the thoracic region of the esophagus] Popova VV, et al. **Vopr Onkol** 1985;31(4):41–6 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Electron microscopic evidence of herpesvirus in association with oesophageal carcinoma. Spence IM. **S Afr Med J** 1985 Jul 20;68(2):103–5

MORTALITY

Short duration of survival among South African blacks with oesophageal cancer. Walker AR, et al. **S Afr Med J** 1984 Dec 8;66(23):877–8

[Prognosticly unfavorable factors in esophageal carcinoma. I. The importance of anamnestic data] Weitensfelder W, et al. **Chirurg** 1984 Sep;55(9):600–4 (Eng. Abstr.) **(Ger)**

OCCURRENCE

The geographic pathology of cancer of the oesophagus. Day NE. **Br Med Bull** 1984 Oct;40(4):329–34 (48 ref.)

Cancer of the larynx, pharynx, and oesophagus in relation to alcohol and tobacco consumption among Danish brewery workers. Adelhardt M, et al. **Dan Med Bull** 1985 May;32(2):119–23

Esophageal cancer in migrants from high- or low-risk areas in China. Haocai L, et al. **Ecol Dis** 1983;2(4):249–53

Systemic sclerosis (scleroderma) and esophageal adenocarcinoma: Is increased patient screening necessary? Segel MC, et al. **Gastroenterology** 1985 Sep;89(3):485–8

Is superficial squamous cell carcinoma of the esophagus a disease of the Western World? [editorial] Peura DA, et al. **Gastrointest Endosc** 1985 Apr;31(2):103–4

Precursor lesions of oesophageal cancer in a low-risk population in China: comparison with high-risk populations. Crespi M, et al. **Int J Cancer** 1984 Nov 15;34(5):599–602

Survey of a population with a high incidence of oral and oesophageal cancer. Zaridze DG, et al. **Int J Cancer** 1985 Aug 15;36(2):153–8

Oesophageal cancer among Alaskan natives, 1955–1981. Lanier AP, et al. **Int J Epidemiol** 1985 Mar;14(1):75–8

Cancer of the oesophagus in Soweto. Kneebone RL, et al. **S Afr Med J** 1985 May 25;67(21):839–42

[Dynamic study on the incidence and mortality of esophageal cancer in Lin County, 1959–1981] Lu JB. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Apr;6(2):95–8 (Eng. Abstr.) **(Chi)**

[Incidence of esophageal cancer synchronous with upper aerodigestive tract cancers (100 cases): value of vital staining with lugol and toluidine blue] Papazian A, et al. **Gastroenterol Clin Biol** 1985 Jan;9(1):16–22 (Eng. Abstr.) **(Fre)**

[Malignant neoplasms of the esophago-gastro-intestinal tract in the province of Sassari 1970–1982] Romano G, et al. **Pathologica** 1984 Nov–Dec;76(1046):691–705 (Eng. Abstr.) **(Ita)**

[Multiple primary cancers of the esophagus] Kita M, et al. **Rinsho Hoshasen** 1984 May;29(5):577–82 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Malignant mesenchymoma of the esophagus. Haratake J, et al. **Acta Pathol Jpn** 1984 Jul;34(4):925–33

Solitary neurofibroma of the esophagus. Saitoh K, et al. **Acta Pathol Jpn** 1985 Mar;35(2):527–31

Junctions between intraepithelial carcinoma and non-neoplastic tissue of the esophagus. Light and electron microscopic studies. Takubo K, et al. **Acta Pathol Jpn** 1984 Jul;34(4):785–96

Spindle-cell squamous carcinoma of the esophagus: a tumor with biphasic morphology. Agha FP, et al. **AJR** 1985 Sep;145(3):541–5

Verrucous carcinoma of the esophagus. Agha FP, et al. **Am J Gastroenterol** 1984 Nov;79(11):844–9

Primary malignant melanoma of the esophagus in a young adult. Boulafendis D, et al. **Am J Gastroenterol** 1985 Jun;80(6):417–20

Squamous cell carcinoma arising in a duplication cyst of the esophagus. Tapia RH, et al. **Am J Gastroenterol** 1985 May;80(5):325–9

Synovial sarcoma of the esophagus. Amr SS, et al. **Am J Otolaryngol** 1984 Jul–Aug;5(4):266–9

Adenocarcinoma in columnar-lined Barrett's esophagus. Analysis of 13 esophagectomies. Saubier EC, et al. **Am J Surg** 1985 Sep;150(3):365–9

Focal lymphoid hyperplasia (pseudolymphoma) of the esophagus. Sheahan DG, et al. **Am J Surg Pathol** 1985 Feb;9(2):141–7

Primary malignant melanoma of the esophagus. Chalkiadakis G, et al. **Ann Thorac Surg** 1985 May;39(5):472–75

Esophageal cancer. Autopsy findings in 171 cases. Sons HU, et al. **Arch Pathol Lab Med** 1984 Dec;108(12):983–8

Subsequent upper aerodigestive malignancies following treatment of esophageal cancer. Fogel TD, et al. **Cancer** 1985 May 1;55(9):1882–5

Extrapulmonary oat cell carcinoma. Ibrahim NB, et al. **Cancer** 1984 Oct 15;54(8):1645–61 (148 ref.)

Glandular or mucus-secreting components in squamous cell carcinoma of the esophagus. Kuwano H, et al. **Cancer** 1985 Aug 1;56(3):514–8

Analysis of adenocarcinoma in Barrett's esophagus utilizing a staging system. Rosenberg JC, et al. **Cancer** 1985 Mar 15;55(6):1353–60

Granular cell tumor of the proximal esophagus. A rare disease. Vuyk HD, et al. **Cancer** 1985 Jan 15;55(2):445–9

Abdominal dissection in treatment of middle and lower-middle esophageal carcinoma. Zhao JW. **Chin Med J [Engl]** 1984 May;97(5):369–70

Primary malignant lymphoma of the esophagus. A case report. Doki T, et al. **Endoscopy** 1984 Sep;16(5):189–92

Primary malignant melanoma of the oesophagus. Roesch W, et al. **Endoscopy** 1984 Sep;16(5):186–8

The inlet patch: heterotopic gastric mucosa in the upper esophagus. Jabbari M, et al. **Gastroenterology** 1985 Aug;89(2):352–6

Superficial esophageal carcinoma: a report of 12 cases. Benasco C, et al. **Gastrointest Endosc** 1985 Apr;31(2):64–7

Squamous cell papilloma of the esophagus: report of four cases. Toet AE, et al. **Gastrointest Endosc** 1985 Apr;31(2):77–9

Oat cell carcinoma of the oesophagus [letter] Drut R. **Histopathology** 1984 Jul;8(4):708

APUD cells and APUD cell tumors [letter] Pesce CM. **Hum Pathol** 1985 Mar;16(3):321

Proliferative abnormalities of the oesophageal epithelium of Chinese populations at high and low risk for oesophageal cancer. Muñoz N, et al. **Int J Cancer** 1985 Aug 15;36(2):187–9

Multiple primary squamous cell carcinomas in the upper digestive tract. Fitzpatrick PJ, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2273–9

Prolonged 'in situ' stage in oesophageal carcinoma. Rajendranath T, et al. **J Assoc Physicians India** 1984 May;32(5):455–6

Metastatic small cell carcinoma of the temporal bone. A case report. Tan J, et al. **J Laryngol Otol** 1984 Dec; 98(12):1267–71

Adenocarcinoma of the esophagus associated with neurofibromatosis. Desigan G, et al. **J Tenn Med Assoc** 1985 Mar;78(3):138–40

Evaluation of brush cytology as an independent technique for detection of esophageal carcinoma. Dowlatshahi K, et al. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):848–51

Ultrasonic detection of lymph node metastases in the region around the celiac axis in esophageal and gastric cancer. Yoshinaka H, et al. **JCU** 1985 Mar–Apr;13(3):153–60

Light and electron microscopic studies of perineural invasion by esophageal carcinoma. Takubo K, et al. **JNCI** 1985 May; 74(5):987–93

Recurrence of intrathoracic esophageal cancer. Isono K, et al. **Jpn J Clin Oncol** 1985 Mar;15(1):49–60

Mucoepidermoid carcinoma of the esophagus—a case report. Matsufuji H, et al. **Jpn J Surg** 1985 Jan;15(1):55–9

Polypoid squamous carcinoma of the esophagus. Lin JI. **Milit Med** 1985 Mar;150(3):149–51

Esophageal imaging by MR and CT: study of normal anatomy and neoplasms. Quint LE, et al. **Radiology** 1985 Sep;156(3):727–31

Primary malignant melanoma of the oesophagus. A case report. Kyösola K, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):267–70

Metastatic squamous cell carcinoma from the esophagus occurring as small bowel obstruction. Wang M, et al. **South Med J** 1985 Jul;78(7):884–6

Contiguous granular cell myoblastoma and squamous cell carcinoma in the oesophagus. Mannion P, et al. **Thorax** 1985 Jul;40(7):551–3

[Growth and invasiveness of a human esophageal carcinoma cell line (ECA 109) in nude mice] Gao J. **Chung Hua Chung Liu Tsa Chih** 1984 Sep;6(5):331–4 (Eng. Abstr.) (Chi)

[Studies on invasive characteristics of the epithelial cell line of human esophageal carcinoma (Eca 109) in organ culture by means of spheroidal aggregates] Gao J. **Chung Hua Chung Liu Tsa Chih** 1984 Jul;6(4):247–9 (Eng. Abstr.) (Chi)

[Significance of residual tumors at the esophageal stump after resection for carcinoma] Lin XS, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Jan;23(1):30–2, 63 (Eng. Abstr.) (Chi)

[Study of multifocal esophageal cancers by toluidine blue staining. Therapeutic implications. Apropos of 50 cases] Couraud L, et al. **Ann Chir** 1985 Apr;39(3):211–3 (Eng. Abstr.) (Fre)

[Granular-cell tumor of the esophagus] Dienst C, et al. **Dtsch Med Wochenschr** 1985 Aug 30;110(35):1331–4 (Eng. Abstr.) (Ger)

[Gastric mucosa heterotopias in the upper gastrointestinal tract] Weingart J, et al. **Leber Magen Darm** 1984 Jul; 14(4):155–60 (Eng. Abstr.) (Ger)

[A case of oral florid papillomatosis combined with gastroduodenal polyposis] Sato H, et al. **Gan No Rinsho** 1985 May;31(5):563–8 (Eng. Abstr.) (Jpn)

[Adenocarcinoma of the esophagus (early stage) concomitant with lung cancer—a case report] Shima S, et al. **Gan No Rinsho** 1985 Feb;31(2):193–8 (Eng. Abstr.) (Jpn)

[Clinicopathological study of esophageal cancer in the early stage and its later development] Ide H. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):700–7 (Eng. Abstr.) (Jpn)

[Histologic and microangiographic studies on experimental tumors of the esophagus in rats (on the carcinogenic processes and growth patterns of esophageal carcinoma)] Baba M. **Igaku Kenkyu** 1984 Feb;54(1):106–23 (Eng. Abstr.) (Jpn)

[Clinicopathological and surgical study of carcinoma of the cardia—with special reference to invasion into the esophagus and its relation to the operative procedures] Higashi G. **Igaku Kenkyu** 1984 May;54(6):648–78 (Eng. Abstr.) (Jpn)

[Clinicopathological studies on esophageal cancer using iodine-stained preparations—with special reference to the secondary lesions of resected specimens] Suenaga H. **Igaku Kenkyu** 1984 Mar;54(2):186–202 (Eng. Abstr.) (Jpn)

[Comparison between bronchogenic carcinoma and esophageal carcinoma in regard to distribution patterns of mediastinal metastases—analysis using computed tomography] Matsubara T, et al. **Kyobu Geka** 1985 Apr; 38(4):255–65 (Eng. Abstr.) (Jpn)

[A case of triple carcinomas including esophageal carcinoma and a survey of the literature] Uchida Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Apr 20;19(3):543–8 (Eng. Abstr.) (Jpn)

[Several characteristics of tissue cultured human esophageal cell lines] Akaishi T. **Nippon Geka Gakkai Zasshi** 1984 Nov; 85(11):1440–53 (Eng. Abstr.) (Jpn)

[Quantitative and qualitative analysis on the lymph node metastasis of carcinoma of the esophagus] Fujita H, et al. **Nippon Geka Gakkai Zasshi** 1985 Apr;86(4):424–34 (Eng. Abstr.) (Jpn)

[Lymph node involvement in carcinoma of the esophagus—re-evaluation for the grouping of lymph nodes] Fujita H, et al. **Nippon Geka Gakkai Zasshi** 1985 May;86(5):534–43 (Eng. Abstr.) (Jpn)

[Granular cell tumor of the esophagus: a case report and a review of the literature] Ikeda M, et al. **Nippon Geka Gakkai Zasshi** 1984 Jun;85(6):598–604 (Eng. Abstr.) (Jpn)

[Endoscopic and histopathological studies of experimental esophageal cancer in beagles] Takeshita K, et al. **Nippon Geka Gakkai Zasshi** 1985 Feb;86(2):139–47 (Eng. Abstr.) (Jpn)

[Experimental studies of esophageal cancer. 1. Production and observation of an experimental model of esophageal cancer by Vx2 carcinoma] Saito N. **Nippon Geka Hokan** 1984 Jan 1;53(1):157–70 (Eng. Abstr.) (Jpn)

[Report of 3 cases of specific type cancer of the upper gastrointestinal tract adenosquamous cell carcinoma of the esophagus, choriocarcinoma of the stomach and squamous cell carcinoma of the stomach] Tanaka A, et al. **Nippon Geka Hokan** 1985 Jan 1;54(1):39–47 (Eng. Abstr.) (Jpn)

[A case of adenocarcinoma arising from Barrett's esophagus] Okamura S, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Apr;82(4):673–7 (Jpn)

[Large esophageal lipoma] Korchak AM, et al. **Grudn Khir** 1985 Mar–Apr;(2):83–4 (Rus)

[Giant leiomyoma of the esophagus and cardial portion of the stomach] Korchak AM, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):113–4 (Rus)

[Giant esophageal polyp] Pugachev AD, et al. **Klin Khir** 1985 May;(5):51–2 (Rus)

[Multiple primary tumors with a lesion of the esophagus] Dulganov KP. **Vestn Khir** 1984 Oct;133(10):76–8 (Rus)

[Esophageal giant-cell myoblastoma (letter)] Garijo Forcada JM, et al. **Rev Clin Esp** 1985 Jun;177(1):41 (Spa)

PHYSIOPATHOLOGY

Esophageal involvement in lymphoma. Agha FP, et al. **Am J Gastroenterol** 1985 Jun;80(6):412–6

The esophagogastric polyp-fold complex. Van der Veer LD, et al. **Am J Gastroenterol** 1984 Dec;79(12):918–20

[The pituitary-adrenal system in cancer of the esophagus and stomach] Tarutinov VI, et al. **Eksp Onkol** 1984;6(4):55–7 (Eng. Abstr.) (Rus)

[Correction of the function of the sympathoadrenal system in the surgical and combined treatment of patients with cancer of the esophagus and stomach] Tarutinov VI, et al. **Vopr Onkol** 1985;31(4):46–53 (Eng. Abstr.) (Rus)

[Impaired function of the sympatho-adrenal system in patients with esophageal and stomach cancer] Tarutinov VI, et al. **Vopr Onkol** 1984;30(8):60–7 (Eng. Abstr.) (Rus)

PREVENTION & CONTROL

Causes of gastric and esophageal cancer. Possible approach to prevention by vitamin C. Weisburger JH. **Int Z Vitam Ernahrungsforsch [Beih]** 1985;27:381–402 (94 ref.)

Compliance and nutritional status during feasibility study for an intervention trial in China. Ershow AG, et al. **JNCI** 1984 Dec;73(6):1477–81

No effect of riboflavine, retinol, and zinc on prevalence of precancerous lesions of oesophagus. Randomised double-blind intervention study in high-risk population of China. Muñoz N, et al. **Lancet** 1985 Jul 20;2(8447):111–4

[Can antireflux surgery prevent malignant degeneration of Barrett esophagus?] Hölscher AH, et al. **Dtsch Med Wochenschr** 1985 Apr 4;110(14):551–5 (Ger)

RADIOGRAPHY

Barrett carcinoma of the esophagus: clinical and radiographic analysis of 34 cases. Agha FP. **AJR** 1985 Jul;145(1):41–6

Granular cell tumors of the esophagus: a report of two cases and review of the literature. Coutinho DS, et al. **Am J Gastroenterol** 1985 Oct;80(10):758–62

Lymphomatous esophageal nodules: the difficulty in radiological differential diagnosis. Gedgaudas-McClees RK, et al. **Am J Gastroenterol** 1985 Jul;80(7):529–30

The questionable role of computed tomography in preoperative staging of esophageal cancer. Lea JW 4th, et al. **Ann Thorac Surg** 1984 Nov;38(5):479–81

Lipoma of the esophagus. Zonderland HM, et al. **Diagn Imag Clin Med** 1984;53(5):265–8

Granular cell tumors of the esophagus. Rubesin S, et al. **Gastrointest Radiol** 1985;10(1):11–5

Clinical evaluation of computed tomography images in esophageal cancer after submucosal injection of iodized oil. Tanaka Y, et al. **J Comput Tomogr** 1985 Apr;9(2):125–32

Carcinoma of the esophagus: its varied radiologic features. Agha FP, et al. **Mt Sinai J Med (NY)** 1984 Jul–Aug; 51(4):430–41

Steroid-responsive dysphagia: a clue to the diagnosis of esophageal lymphoma. Field SP, et al. **Mt Sinai J Med (NY)** 1984 Jul–Aug;51(4):451–4

Adenocarcinoma arising in Barrett esophagus: pathologic and radiologic features. Keen SJ, et al. **Mt Sinai J Med (NY)** 1984 Jul–Aug;51(4):442–50

Esophageal carcinoma: CT findings. Quint LE, et al. **Radiology** 1985 Apr;155(1):171–5

Esophagogastric polyps: radiographic and endoscopic findings. Styles RA, et al. **Radiology** 1985 Feb; 154(2):307–11

[Radiologic diagnosis of multiple foci carcinoma of the esophagus (report of four cases)] Huang ZY. **Chung Hua Fang She Hsueh Tsa Chih** 1984 Aug;18(3):182–4 (Eng. Abstr.) (Chi)

[Computerized tomography (CT) of esophageal and cardiac carcinoma] Wang ZY. **Chung Hua Fang She Hsueh Tsa Chih** 1985 Feb;19(1):4–6 (Eng. Abstr.) (Chi)

[Primary esophageal localization of non-Hodgkin's lymphoma. Apropos of a case] Perfettini C, et al. **J Radiol** 1985 May;66(5):377–9 (Eng. Abstr.) (Fre)

[Roentgen diagnosis of an esophageal leiomyoma with multiple nodules] Bartusevičene AS, et al. **Radiol Diagn (Berl)** 1984;25(6):763–8 (Eng. Abstr.) (Ger)

[Computed tomography of esophageal carcinoma. Correlation between computed tomographic and postoperative findings] Mühling T, et al. **ROFO** 1985 Aug; 143(2):189–93 (Eng. Abstr.) (Ger)

[Submucography in the diagnosis of esophageal tumors] Vörös A, et al. **Orv Hetil** 1985 Mar 10;126(10):581–2, 585 (Eng. Abstr.) (Hun)

[Clinical and radiological diagnosis considerations on 2 cases of achalasia] Limido G, et al. **Minerva Med** 1985 Jan 14; 76(1–2):21–7 (Eng. Abstr.) (Ita)

[Experimental studies of esophageal cancer. II. Experimental lymphographic study of the esophagus as an aid in the treatment of esophageal cancer] Saito N. **Nippon Geka Hokan** 1984 Jan 1;53(1):171–92 (Eng. Abstr.) (Jpn)

[Evaluation of the posterior tracheal band and posterior wall of the bronchus intermedius on lateral plain chest radiograph in esophageal carcinoma] Kobayashi Y. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Dec 25; 44(12):1520–30 (Eng. Abstr.) (Jpn)

[Computed tomography of esophageal cancer—CT classification and diagnosis of metastasis] Ushio K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jun 25; 44(6):800–22 (Eng. Abstr.) (Jpn)

[An interesting case of esophageal leiomyoma] Itoh Y, et al. **Rinsho Hoshasen** 1984 May;29(5):611–3 (Eng. Abstr.) (Jpn)

[Radiological classification and effect of radiotherapy in esophageal cancer] Koga K, et al. **Rinsho Hoshasen** 1984 Aug;29(8):881–6 (Eng. Abstr.) (Jpn)

[Usefulness of computed tomography: submucosal injection of lipiodol in esophageal cancer] Tanaka Y, et al. **Rinsho Hoshasen** 1984 May;29(5):571–6 (Eng. Abstr.) (Jpn)

RADIOTHERAPY

Radiotherapy versus resection for palliation of carcinoma of the esophagus [letter] Beatty JD. **Can J Surg** 1985 Mar; 28(2):108–9

Relationship between the radiologic features of esophageal cancer and the local control by radiation therapy. Morita K, et al. **Cancer** 1985 Jun 1;55(11):2668–76

Surgical treatment of recurrent symptoms after curative radiotherapy for esophageal carcinoma. Zhang DW, et al. **Chin Med J [Engl]** 1984 Jul;97(7):504–8

Endoscopic Nd:YAG laser therapy as palliation for esophagogastric cancer. Parameters affecting initial outcome. Fleischer D, et al. **Gastroenterology** 1985 Oct; 89(4):827–31

Influence of therapeutic radiation on serum enzyme levels in patients with cancer of thoracic oesophagus. Nyandiela HS. **Indian J Med Res** 1984 Jun;79:797–800

Disappearance of local tumor of esophageal carcinoma after irradiation. Yang ZY, et al. **Int J Radiat Oncol Biol Phys** 1984 Nov;10(11):2067–76

Radiation treatment of esophageal carcinoma using a high-dose-rate remote afterloader. Hishikawa Y. **Radiat Med** 1983 Jul–Sep;1(3):237–44

Early esophageal carcinoma treated with intracavitary irradiation. Hishikawa Y, et al. **Radiology** 1985 Aug; 156(2):519–22

Carcinoma of the oesophagus, treated radiologically. Landberg T, et al. **Radiother Oncol** 1984 Jun;2(1):9–12

Carcinoma of the cervical esophagus: diagnosis, management, and results. Lee DJ, et al. **South Med J** 1984 Nov; 77(11):1365–7

[Combined preoperative 60Co radiation and surgery for middle-third esophageal carcinoma—an analysis of 323 cases] Zhang YD. **Chung Hua Chung Liu Tsa Chih** 1985 May;7(3):203–6 (Eng. Abstr.) (Chi)

[The place of radiotherapy in the treatment of cancer of the esophagus] Henry J, et al. **Acta Gastroenterol Belg** 1984 Mar–Apr;47(2):197–201 (Eng. Abstr.) (Fre)

[Endocavitary radiotherapy in the treatment of esophageal cancers: preliminary results in 28 patients (letter)] Garcia G, et al. **Gastroenterol Clin Biol** 1984 Nov;8(11):876–7 (Fre)

[Irradiation of esophageal carcinoma with small single doses] Dallüge KH, et al. **Radiobiol Radiother (Berl)** 1984; 25(6):817–9 (Eng. Abstr.) (Ger)

[Irradiation of esophageal carcinoma with fast neutrons] Dallüge KH, et al. **Radiobiol Radiother (Berl)** 1985; 26(1):91–4 (Eng. Abstr.) (Ger)

[Results of telecobalt radiotherapy of esophageal carcinoma] Schalldach U, et al. **Radiobiol Radiother (Berl)** 1984; 25(6):811–5 (Eng. Abstr.) (Ger)

[Possibility of complete eradication of early esophageal cancer by radiotherapy alone] Nakano T, et al. **Gan No Rinsho** 1985 Mar;31(3):236–9 (Eng. Abstr.) (Jpn)

[Radiotherapy for esophageal carcinoma with broncho-esophageal fistula] Yamada S, et al. **Gan No Rinsho** 1984 Sep;30(11):1337-43 (Eng. Abstr.) **(Jpn)**

[Radiation treatment of esophageal carcinoma using a high-dose-rate remote afterloader: estimation of local control using multivariate analyses] Hishikawa Y. **Nippon Gan Chiryo Gakkai Shi** 1984 Aug 20;19(7):1425-31 (Eng. Abstr.) **(Jpn)**

[Analysis for prognostic factors of radiotherapy for esophageal squamous cell carcinoma] Nakano T, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Oct 20;19(9):2093-102 (Eng. Abstr.) **(Jpn)**

[Evaluation of radiotherapy combined with surgery for esophageal carcinoma] Iwamoto M, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1049-53 (Eng. Abstr.) **(Jpn)**

[Evaluation of pre-operative irradiation therapy for carcinoma of the esophagus] Sasaki T, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1054-7 (Eng. Abstr.) **(Jpn)**

[Radiotherapy of carcinoma of the esophagus. Histopathological studies of preoperatively irradiated and autopsy cases] Nishikawa K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Sep 25; 44(9):1160-5 (Eng. Abstr.) **(Jpn)**

[Interstitial irradiation by after-loading technic with 192Ir seed-assemblies for deep-seated malignant tumors. 2. Clinical application in lung and esophageal cancers after incomplete resections] Niwa K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Mar 25; 45(3):511-7 (Eng. Abstr.) **(Jpn)**

[Laser endoscopic treatment of esophageal cancer] Namatame K, et al. **Nippon Rinsho** 1984 Oct;42(10):2293-7 **(Jpn)**

[Radiotherapy for carcinoma of the hypopharynx and cervical esophagus] Gotoh M, et al. **Rinsho Hoshasen** 1984 Jul;29(7):771-7 (Eng. Abstr.) **(Jpn)**

[Delineation of target volume on CT images with esophageal carcinoma] Kaneta K, et al. **Rinsho Hoshasen** 1985 May; 30(5):587-91 (Eng. Abstr.) **(Jpn)**

[Possibilities for improving methods of radiotherapy of esophageal cancer] Gerasimiak VG, et al. **Med Radiol (Mosk)** 1985 May;30(5):27-30 (Eng. Abstr.) **(Rus)**

[Effect of the time interval in preoperative irradiation on the pathomorphosis of esophageal cancer] Gubareva AV, et al. **Vopr Onkol** 1984;30(12):10-4 (Eng. Abstr.) **(Rus)**

REHABILITATION

Discharge to independent living for the chronically ill patient: a case study. Cramond D, et al. **Soc Work Health Care** 1985 Spring;10(3):123-7

SECONDARY

Secondary esophageal carcinoma: report of two cases showing intraluminal tumor. Itai Y, et al. **Radiat Med** 1983 Jan-Mar;1(1):53-4

SURGERY

Polyglactin 910 (Vicryl) mesh graft for protection of esophagogastrostomy. A preliminary report. Arndt M, et al. **Acta Chir Scand** 1985;151(1):93-6

Revascularized jejunal graft replacing the cervical esophagus: radiographic evaluation. Williford ME, et al. **AJR** 1985 Sep;145(3):533-6

Endoscopic Yag laser therapy in a community hospital. Jacobs WH. **Am J Gastroenterol** 1985 Apr;80(4):270-3

Laser treatment of esophageal cancer. Overholt BF. **Am J Gastroenterol** 1985 Sep;80(9):719-20

Carcinoma of the cervical esophagus: changing therapeutic trends. Collin CF, et al. **Am J Surg** 1984 Oct;148(4):460-6

Cancer of the distal esophagus and cardia: preoperative irradiation prolongs survival. Wilson SE, et al. **Am J Surg** 1985 Jul;150(1):114-21

Reoperation for gastro-esophageal cancer. Wilson RE. **Am Chir Gynaecol** 1985;74(2):49-51

Endoscopic neodymium-YAG laser palliation of nonresectable esophageal malignancy. Cello JP, et al. **Ann Intern Med** 1985 May;102(5):610-2

Esophagogastrectomy as palliative treatment for esophageal carcinoma: results obtained in the setting of a thoracic surgery residency program. Keagy BA, et al. **Ann Thorac Surg** 1984 Dec;38(6):611-6

Combined treatment approach in surgical management of carcinoma of the esophagus: a preliminary report. Miller JI, et al. **Ann Thorac Surg** 1985 Sep;40(3):289-93

Surgery of oesophageal carcinoma [letter] Crofts T. **Br J Surg** 1985 Apr;72(4):325

Surgical treatment of squamous cell carcinoma of the oesophagus. Hennessy TP, et al. **Br J Surg** 1984 Oct; 71(10):750-1

Laparoscopy or scanning in oesophageal and gastric carcinoma? Shandall A, et al. **Br J Surg** 1985 Jun; 72(6):449-51

Evaluation of surgical treatment of carcinoma of the oesophagus in the elderly: 20 years' experience. Sugimachi K, et al. **Br J Surg** 1985 Jan;72(1):28-30

Complications of colonic interposition. Larson TC 3d, et al. **Cancer** 1985 Aug 1;56(3):681-90

YAG laser therapy of gastrointestinal tumors. Groisser VW. **Gastrointest Endosc** 1984 Oct;30(5):311-2

Endoscopic therapy for esophageal carcinoma with Nd:YAG laser: prospective evaluation of efficacy, complications, and survival. Mellow MH, et al. **Gastrointest Endosc** 1984 Dec; 30(6):334-9

Incidence of bacteremia with elective upper gastrointestinal endoscopic laser therapy. Wolf D, et al. **Gastrointest Endosc** 1985 Aug;31(4):247-50

Gastric interposition following transhiatal esophagectomy: radiographic evaluation. Agha FP, et al. **Gastrointest Radiol** 1985;10(1):17-24

The surgical treatment of carcinoma of the oesophagus. A review of the results in 478 cases. McKeown KC. **J R Coll Surg Edinb** 1985 Feb;30(1):1-14

Carcinoma of the thoracic esophagus—long-term survival. Ferrara BE. **J SC Med Assoc** 1984 Dec;80(12):591-2

Surgical treatment of concurrent cancer of the esophagus and stomach. Okudaira Y, et al. **J Surg Oncol** 1985 Mar; 28(3):174-6

Resectional operations and long-term results in carcinoma of the esophagus. Gatzinsky P, et al. **J Thorac Cardiovasc Surg** 1985 Jan;89(1):71-6

Laser may have uses in bladder tumors, esophageal blockages [news] Henahan J. **JAMA** 1985 Apr 5;253(13):1841-3

One-hundred-and-two 5-year survivors of esophageal carcinoma after resective surgery. Iizuka T, et al. **Jpn J Clin Oncol** 1985 Jun;15(2):369-75

Reconstruction of the esophagus by microvascular surgery. Kato H, et al. **Jpn J Clin Oncol** 1984 Sep;14(3):379-84

Protection against suture insufficiency in ante-thoracic esophagogastrostomy. Isono K, et al. **Jpn J Surg** 1985 Jan; 15(1):43-8

Improved results of surgery for esophageal carcinoma in 148 patients. Sugimachi K, et al. **Jpn J Surg** 1985 May; 15(3):190-4

Current management of squamous cell carcinoma of the esophagus. Illes RW, et al. **Mo Med** 1985 May;82(5):255-9

Gastric interposition following transhiatal esophagectomy: CT evaluation. Gross BH, et al. **Radiology** 1985 Apr; 155(1):177-9

Surgery of esophageal carcinoma. Huang GJ, et al. **Semin Surg Oncol** 1985;1(2):74-83

Treatment of malignant tracheoesophageal fistula due to histiocytic lymphoma. Kelly JP, et al. **South Med J** 1984 Sep;77(9):1203-5

Esophagogastrectomy without thoracotomy for carcinoma of the cardia and lower part of the esophagus. Finley RJ, et al. **Surg Gynecol Obstet** 1985 Jan;160(1):49-56

Surgical treatment for carcinoma of the esophagus in the elderly patient. Sugimachi K, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):317-9

Analysis of surgical treatment for carcinoma situated in the cervical esophagus. Kakegawa T, et al. **Surgery** 1985 Feb; 97(2):150-7

Reconstruction of the cervical esophagus with the right colon. Lim RY, et al. **W Va Med J** 1985 Jul;81(7):137-9

Endoscopic neodymium-YAG laser treatment of nonresectable gastrointestinal tract cancer. Cello JP, et al. **West J Med** 1985 Jan;142(1):42-4

Surgical treatment for malignant lesions of the distal part of the esophagus and the esophagogastric junction. Bertelsen S, et al. **World J Surg** 1985 Aug;9(4):633-8

Long-term evaluation of patients treated by radical operation for carcinoma of the thoracic esophagus. Nishihira T, et al. **World J Surg** 1984 Oct;8(5):778-85

[Fatal esophagogastric-aortic fistula following resection of carcinoma of the esophagus—a report of 10 cases] Zhang W. **Chung Hua Chung Liu Tsa Chih** 1984 Sep;6(5):368-71 (Eng. Abstr.) **(Chi)**

[Surgical treatment of esophageal and cardiac carcinoma in elderly patients—report of 130 cases] Zhou HP. **Chung Hua Chung Liu Tsa Chih** 1984 Nov;6(6):456-8 (Eng. Abstr.) **(Chi)**

[Esophagogastric anastomotic stricture treated by transgastric retrograde incision] Xin DY. **Chung Hua I Hsueh Tsa Chih** 1985 May;65(5):302-3 **(Chi)**

[Colonic interposition for esophageal diseases: report of 42 cases] Liu ZZ. **Chung Hua Wai Ko Tsa Chih** 1984 Apr; 22(4):227-9 (Eng. Abstr.) **(Chi)**

[Intra-abdominal hemorrhage, a complication after resection of cancer of the cardia and esophagus: report of 4 cases] Wang B. **Chung Hua Wai Ko Tsa Chih** 1984 May;22(5):309 (Eng. Abstr.) **(Chi)**

[Massive hemorrhage from stress ulcers following resection for carcinoma of the esophagus or the gastric cardia] Zhang XG, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Mar; 23(3):157-9, 190-1 (Eng. Abstr.) **(Chi)**

[Surgical treatment of malignant tumors of the esophagus in old age] Mašurka V, et al. **Rozhl Chir** 1985 Mar; 64(3):196-201 (Eng. Abstr.) **(Cze)**

[Complicated esophagectomy. Therapeutic possibilities] Guy JP, et al. **Ann Chir** 1985 Jun;39(5):335-6 (Eng. Abstr.) **(Fre)**

[Value of morphine peridural analgesia after esophagectomy for cancer. Apropos of 37 cases] Petit J, et al. **Ann Chir** 1985 Apr;39(3):203-9 (Eng. Abstr.) **(Fre)**

[Plastic surgery after circular pharyngectomy. Apropos of 78 cases] Geoffray B, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(3):147-55 (Eng. Abstr.) **(Fre)**

[Esophagectomy without thoracotomy in the treatment of esophageal cancer. 47 cases] Gürkan N, et al. **Chirurgie** 1984;110(6-7):608-14 (Eng. Abstr.) **(Fre)**

[Laser treatment of intramucosal cancers of the esophagus in inoperable patients (letter)] Patrice T, et al. **Gastroenterol Clin Biol** 1985 Apr;9(4):374-5 **(Fre)**

[Total pharyngo-laryngo-esophagectomy with reestablishment of continuity by intestinal pull-up; apropos of 15 cases] Haguenauer JP, et al. **J Fr Otorhinolaryngol** 1984 Oct;33(8):397-400 **(Fre)**

[Experiences with endoscopic placed endoprosthesis in stenosing malignancies of the esophagus and cardia] Barbier P, et al. **Chirurg** 1984 Sep;55(9):593-9 (Eng. Abstr.) **(Ger)**

[Rare dislocation of an esophagus endoprosthesis in front of the ileocecal valve with deep small intestine ileus] Penschuck C, et al. **Chirurg** 1985 May;56(5):345-6 **(Ger)**

[Hemodynamic and respiratory changes in operations of the esophagus by unilateral ventilation] Scherer R, et al. **Chirurg** 1984 Oct;55(10):665-9 (Eng. Abstr.) **(Ger)**

[Esophagus resection without thoracotomy in cancer. Report of experiences with 100 cases] Ulrich B, et al. **Chirurg** 1985 Apr;56(4):251-60 (Eng. Abstr.) **(Ger)**

[Prognostically unfavorable factors in esophagus cancer. III. Operative therapy of esophagus cancer—effect of preoperative measures on prognosis in curative resection] Weitensfelder W, et al. **Chirurg** 1985 Mar;56(3):161-5 (Eng. Abstr.) **(Ger)**

[The free jejunal graft for the reconstruction of the hypopharynx and cervical esophagus] Schultz-Coulon HJ, et al. **Handchir Mikrochir Plast Chir** 1984 Sep;16(3):151-6 (Eng. Abstr.) **(Ger)**

[Esophageal cancer] Pichlmaier H, et al. **Langenbecks Arch Chir** 1984;364:111-5 (Eng. Abstr.) **(Ger)**

[Primary malignant melanoma of the esophagus] Ghussen F, et al. **Leber Magen Darm** 1984 Jan;14(1):28-30 (Eng. Abstr.) **(Ger)**

[Palliative therapy of esophagus cancer with an endoscopically implanted endoprosthesis] Gehrig J, et al. **Schweiz Med Wochenschr** 1985 Apr 27;115(17):587-91 (Eng. Abstr.) **(Ger)**

[Palliative surgical therapy of incurable esophagus cancer by stomach bypass and endotube] Dzieniszewski GP, et al. **Zentralbl Chir** 1984;109(24):1550-9 (Eng. Abstr.) **(Ger)**

[Reconstruction surgical therapy of esophageal cancer. Personal experiences and results] Kessler B, et al. **Zentralbl Chir** 1984;109(16):1044-50 (Eng. Abstr.) **(Ger)**

[Results of stomach pull-through operations without thoracotomy in the treatment of advanced esophageal cancer] Ulrich B, et al. **Zentralbl Chir** 1984;109(16):1033-43 (Eng. Abstr.) **(Ger)**

[Comparative analysis of manual and mechanical sutures in the surgery of neoplasms of the esophagus and the cardia] Forni E, et al. **Chir Ital** 1982 Dec;34(6):861-8 (Eng. Abstr.) **(Ita)**

[Results of the treatment of carcinoma of the thoracic esophagus with one-stage resection and esophagogastrostomy] Forni E, et al. **Chir Ital** 1984 Aug; 36(4):589-602 (Eng. Abstr.) **(Ita)**

[Esophagojejunostomy after total gastrectomy in the treatment of carcinoma of the distal third of the esophagus. School cases] Grande M, et al. **Minerva Chir** 1985 Mar 31;40(6):289-93 (Eng. Abstr.) **(Ita)**

[Esophageal leiomyomas. Review of the literature and case records from our institute] Persichetti P, et al. **Minerva Chir** 1984 Jun 15;39(11):855-62 (Eng. Abstr.) **(Ita)**

[A case of reconstruction of the cervical esophagus in wound dehiscence resulting from esophagogastric anastomosis at the neck level] Caprotti R, et al. **Minerva Med** 1985 Feb 28;76(8):357-61 **(Ita)**

[Combined approach in a radical surgical method for esophageal tumors of median and superior thoracic locations. Presentation of a case] Emanuelli G, et al. **Minerva Med** 1985 Feb 28;76(8):363-5 **(Ita)**

[Round table. Surgical management of benign and malignant stenosis of the esophagus] Fegiz GF, et al. **Minerva Med** 1985 Feb 28;76(8):309-32 **(Ita)**

[Surgical treatment of thoracic and abdominal esophageal cancer. Author's experience from 1950 to 1982. Evolution of management and methods] Rock T, et al. **Minerva Med** 1985 Feb 28;76(8):371-4 **(Ita)**

[Radiological examination of esophagoplasty interventions for esophageal cancer] Muzzio PC, et al. **Radiol Med (Torino)** 1984 Jun;70(6):379-87 (Eng. Abstr.) **(Ita)**

[Prognosis and indication in the cases of reconstruction of esophagus through the posterior mediastinal route with a gastric tube for carcinoma of thoracic esophagus. with special reference to the depth of invasion to adventitia] Suenaga T. **Igaku Kenkyu** 1984 Feb;54(1):47-77 (Eng. Abstr.) **(Jpn)**

[Perioperative management of hypertrophic obstructive cardiomyopathy by using continuous propranolol infusion] Noguchi T, et al. **Masui** 1985 Feb;34(2):247-50 (Eng. Abstr.) **(Jpn)**

[The metabolic changes and nutritional management following radical surgery of esophageal cancer and total gastrectomy] Kido Y, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):970-3 (Eng. Abstr.) **(Jpn)**

[Cancer of the cervical esophagus with extension to hypopharynx: its behavior and treatment] Murakami Y. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):898–901 (Eng. Abstr.) **(Jpn)**

[Surgical treatment of esophageal carcinoma in patients with achalasia of the cardia] Kato H, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Oct;32(10):1850–6 (Eng. Abstr.) **(Jpn)**

[The tracheal resection associated with subtotal esophagectomy for carcinoma of the esophagus—using intrathoracic application of the latissimus dorsi muscle flap] Kawahara H, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jul;32(7):1090–6 (Eng. Abstr.) **(Jpn)**

[Studies on respiratory and hemodynamic changes in one-stage operation for esophageal cancer—with special reference to the surgical procedures in relations to the surgical influences] Ohtani H. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Aug;32(8):1123–42 (Eng. Abstr.) **(Jpn)**

[Respiratory and circulatory management of patients with esophageal carcinoma before and after radical surgical treatment] Kakegawa T, et al. **Rinsho Kyobu Geka** 1984 Sep;4(5):641–7 (4 ref.) (Eng. Abstr.) **(Jpn)**

[Extended operation for carcinoma of the esophagus] Tomita M, et al. **Rinsho Kyobu Geka** 1984 Nov;4(6):750–6 (Eng. Abstr.) **(Jpn)**

[Surgical difficulties with bronchoplasty combined with resection of the esophagus for the treatment of esophageal carcinoma] Tomita M, et al. **Rinsho Kyobu Geka** 1984 Sep;4(5):635–40 (Eng. Abstr.) **(Jpn)**

[Variant of esophago-intestinal anastomosis in the surgical treatment of cancer of the proximal segment of the stomach with involvement of the esophagus] Kochegarov AA, et al. **Grudn Khir** 1984 Nov–Dec;(6):67–9 (Eng. Abstr.) **(Rus)**

[Surgical treatment of cancer of the esophagus after ineffective radiation therapy] Pirogov AI, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):3–6 (Eng. Abstr.) **(Rus)**

[Value of radionuclide examination of the thoracic duct for the determination of the operability of esophageal cancer] Bykov SA, et al. **Vestn Khir** 1985 Mar;134(3):8–12 (Eng. Abstr.) **(Rus)**

[Palliative resection of the esophagus in cancer] Tun VG, et al. **Vestn Khir** 1984 Nov;133(11):22–6 (Eng. Abstr.) **(Rus)**

[Current significance of polypectomy of the upper gastrointestinal tract] Landoni NA, et al. **Acta Gastroenterol Latinoam** 1984;14(4):303–13 (Eng. Abstr.) **(Spa)**

THERAPY

Palliation of malignant obstruction with endoprosthesis. Tytgat GN, et al. **Acta Gastroenterol Belg** 1984 Mar–Apr;47(2):188–94

A pilot study of combined radiotherapy and chemotherapy for esophageal carcinoma. Coia LR, et al. **Am J Clin Oncol** 1984 Dec;7(6):653–9

Clinical impact of intravenous hyperalimentation on esophageal carcinoma: is it worthwhile? Brister SJ, et al. **Ann Thorac Surg** 1984 Dec;38(6):617–21

Chemoradiation therapy and resection for carcinoma of the esophagus: short-term results. Parker EF, et al. **Ann Thorac Surg** 1985 Aug;40(2):121–5

Palliative intubation in inoperable esophageal neoplasms [editorial] Watson A. **Ann Thorac Surg** 1985 Jun;39(6):501–2

Endoscopic laser therapy for malignancies affecting the esophagus and gastroesophageal junction. Analysis of technical and functional efficacy. Mellow MH, et al. **Arch Intern Med** 1985 Aug;145(8):1443–6

Palliation after operation and after radiotherapy for cancer of the esophagus. Stoller JL, et al. **Can J Surg** 1984 Sep;27(5):491–5

Squamous cell carcinoma of the esophagus. Treatment by combined vincristine-methotrexate plus folinic acid rescue and cisplatin before radiotherapy. Resbeut M, et al. **Cancer** 1985 Sep 15;56(6):1246–50

Pharyngeal placement of the funnel of an esophageal prosthesis in advanced squamous cell carcinoma. von Maercke P, et al. **Endoscopy** 1985 Jul;17(4):127–8

Palliative dilation of esophageal carcinoma. Moses FM, et al. **Gastrointest Endosc** 1985 Apr;31(2):61–3

Palliation of gastroesophageal carcinoma with endoscopic insertion of a new antireflux prosthesis. Valbuena J. **Gastrointest Endosc** 1984 Aug;30(4):241–3

Palliative surgical treatment for carcinoma of the esophagus. Gignoux M, et al. **Int Surg** 1984 Jul–Sep;69(3):257–60

Multimodal therapy for esophageal carcinoma. Lansing PB. **J La State Med Soc** 1985 Feb;137(2):42–4

Preoperative hyperthermo-chemo-radiotherapy effective for carcinoma of the esophagus. Sugimachi K, et al. **J Surg Oncol** 1984 Nov;27(3):199–204

Preoperative hyperthermo-chemo-radiotherapy for esophageal carcinoma—analysis of 20 cases. Sugimachi K, et al. **Jpn J Med** 1985 Feb;24(1):80–3

Radiation-induced esophageal carcinoma responded well to hyperthermic chemotherapy—a case report. Kai H, et al. **Jpn J Surg** 1985 May;15(3):225–9

Experience with the Celestin tube at William Beaumont Army Medical Center: a ten year review. Cavanaugh DG, et al. **Milit Med** 1985 Jun;150(6):321–2

Cancer of the esophagus in Europe. Pichlmaier H. **Nippon Kyobu Geka Gakkai Zasshi** 1984 May;32(5):635–48

Palliation of unresectable esophageal carcinoma by intraluminal intubation. Santos GH. **NY State J Med** 1984 Sep;84(9):449–51

Irradiation, chemotherapy and surgery in esophageal cancer: a randomized clinical study. The first Scandinavian trial in esophageal cancer. Andersen AP, et al. **Radiother Oncol** 1984 Oct;2(3):179–88

Total parenteral nutrition by peripheral venous infusion in patients with oesophageal carcinoma. Haffejee AA, et al. **S Afr Med J** 1985 Mar 16;67(11):405–7

The palliation of esophageal cancer. Mannell A. **Surg Annu** 1985;17:249–70 (64 ref.)

[Radiation combined with bleomycin in esophageal carcinoma—a randomized study of 99 patients] Zhang ZF. **Chung Hua Chung Liu Tsa Chih** 1984 Sep;6(5):372–4 (Eng. Abstr.) **(Chi)**

[Radio-surgical treatment of superficial cancer of the esophagus. Apropos of 26 cases] Segol P, et al. **Acta Gastroenterol Belg** 1984 Mar–Apr;47(2):177–86 (Eng. Abstr.) **(Fre)**

[Concentrated amino acid solution in order limit water and energy supply during parenteral feeding] Robin P, et al. **Cah Anesthesiol** 1985 Jan–Feb;33(1):55–9 **(Fre)**

[Endotube as a palliative measure in stenosing cancer of the esophagus and cardia] Buess G, et al. **Leber Magen Darm** 1985 Jan;15(1):26–34 (Eng. Abstr.) **(Ger)**

[The use of a prosthetic tube with antireflux valve in esophageal obstruction] Cohen R, et al. **Harefuah** 1984 Nov 15;107(10):274–6 (Eng. Abstr.) **(Heb)**

[Esophageal carcinoma: current status of the therapy] Lopez M. **Clin Ter** 1984 Nov 15;111(3):271–7 **(Ita)**

[By-pass surgery with infusion therapy for non-resectable esophageal cancer] Namatame K, et al. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1502–9 (Eng. Abstr.) **(Jpn)**

[Effect of preoperative adjuvant therapy of esophageal carcinoma] Shiozaki H, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2245–51 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of misonidazole combined with radiotherapy in the treatment of carcinoma of the esophagus—a double-blind randomized trial] Irie G, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Oct 20;19(9):2085–92 (Eng. Abstr.) **(Jpn)**

[Study on effect of pre-operative combined therapy against esophageal cancer—with special reference to histologic and radiologic criteria for the effect of radiation and chemotherapy] Okuyama K. **Nippon Gan Chiryo Gakkai Shi** 1985 Feb 20;20(1):1–8 (Eng. Abstr.) **(Jpn)**

[Effect of bestatin on primary tumor and prognosis in patient with esophageal carcinoma] Sato H, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Dec 20;19(10):2312–26 (Eng. Abstr.) **(Jpn)**

[Progress in postoperative care and postoperative combined therapy of esophageal carcinoma by total parenteral nutrition (TPN)] Nishihira T, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):965–9 (Eng. Abstr.) **(Jpn)**

[Symposium on treatment of cancer. 5. Preoperative hyperthermo-chemo-radiotherapy of esophageal carcinoma. Analysis of 20 cases] Sugimachi K, et al. **Nippon Naika Gakkai Zasshi** 1984 Nov;73(11):1607–11 **(Jpn)**

[Effect of surgical and combined treatment on the sympathetic-adrenal function of patients with cancer of the esophagus and proximal portion of the stomach] Tarutinov VI, et al. **Klin Khir** 1985 May;(5):23–5 (Eng. Abstr.) **(Rus)**

[Intravenous feeding during the chemotherapy of oncological patients] Moroz LV, et al. **Vestn Akad Med Nauk SSSR** 1984;(12):70–1 **(Rus)**

[Approaches to improving the methods of treating esophageal cancer] Kochegarov AA. **Vopr Onkol** 1984;30(9):50–4 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

[Ultrastructure observation of the inoculated human esophageal carcinoma cell line (Eca 109) in nude mice] Gao J. **Chung Hua Chung Liu Tsa Chih** 1985 May;7(3):167–70 (Eng. Abstr.) **(Chi)**

[Evaluation of the nucleolar organizer activity of tumor cells in patients with esophageal and stomach cancers] Mamaev NN, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):477–9 (Eng. Abstr.) **(Rus)**

ESOPHAGEAL PERFORATION

[Apropos of 6 cases of esophageal perforations] Arizaga Maguregui A, et al. **Rev Esp Anestesiol Reanim** 1985 Jan–Feb;32(1):13–6 (Eng. Abstr.) **(Spa)**

CHEMICALLY INDUCED

Update on a new home hazard—the disc battery. Cramer R, et al. **Ala J Med Sci** 1984 Oct;21(4):431–2

DIAGNOSIS

Dissecting thoracic aortic aneurysm perforating the oesophagus and masquerading as peptic ulcer disease. Axiotis CA. **J R Soc Med** 1985 Feb;78(2):160–1

[Diagnosis of esophageal wall perforation and its sequelae] Minnigerode B. **HNO** 1985 May;33(5):228–31 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Foreign bodies in the mediastinum perforating the oesophagus. Dernevik L, et al. **Acta Chir Scand** 1984;150(7):589–92

Potential hazard of nasogastric tube [letter] Panosetti E, et al. **Acta Clin Belg** 1984;39(3):174–6

Esophageal perforation during double-contrast esophagram. Rohrmann CA Jr, et al. **AJR** 1985 Aug;145(2):283–4

Spontaneous perforation of the esophagus as a manifestation of dermatomyositis. Thompson JW. **Ann Otol Rhinol Laryngol** 1984 Sep–Oct;93(5 Pt 1):464–7

Iatrogenic esophageal perforation: report of a case. Getz A. **J Am Osteopath Assoc** 1985 Feb;85(2):111–4

Late esophageal perforation from an autogenous bone graft. Report of a case. Whitehill R, et al. **J Bone Joint Surg [Am]** 1985 Apr;67(4):644–5

Management of perforations of the hypopharynx and cervical esophagus. Shockley WW, et al. **Laryngoscope** 1985 Aug;95(8):939–41

[Perforation of the esophagus with a flexible endoscope] Lippert S, et al. **Ugeskr Laeger** 1984 Sep 24;146(39):2939–41 (Eng. Abstr.) **(Dan)**

[Pharyngeal and esophageal perforations in newborn infants] Schröder H. **Monatsschr Kinderheilkd** 1984 Aug;132(8):615–8 (Eng. Abstr.) **(Ger)**

[Rare case of injury of the upper part of the esophagus] Blaszczuk J, et al. **Wiad Lek** 1984 Sep 15;37(18):1441–4 (Eng. Abstr.) **(Pol)**

[Esophageal perforation with a gastric tube during enteral feeding of a negativistic mental patient] Kiejna A, et al. **Wiad Lek** 1985 Jan 1;38(1):67–70 (Eng. Abstr.) **(Pol)**

RADIOGRAPHY

Perforation of the esophagus: correlation of site and cause with plain film findings. Han SY, et al. **AJR** 1985 Sep;145(3):537–40

Boerhaave syndrome: interventional radiologic management. Neff C, et al. **AJR** 1985 Oct;145(4):819–20

Spontaneous perforation of the cervical oesophagus. Lynch M, et al. **Ir Med J** 1985 Jul;78(7):192–3

SURGERY

Repair of ruptured oesophagus. A case report. Tarkka M, et al. **Acta Chir Scand** 1985;151(4):385–7

Delayed lower esophageal perforation: management with Celestin tube. Asplund CM, et al. **Ann Otol Rhinol Laryngol** 1985 Mar–Apr;94(2 Pt 1):114–6

Esophageal perforations. The need for an individualized approach. Ajalat GM, et al. **Arch Surg** 1984 Nov;119(11):1318–20

The management of non-neoplastic esophageal perforation. Kostiainen S, et al. **Int Surg** 1984 Oct–Dec;69(4):321–4

Advisability of concomitant immediate surgery for perforation and underlying disease of the esophagus. Larsson S, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):275–8

Extrapleural exclusion of esophageal perforations. Schorlemmer GR, et al. **South Med J** 1984 Dec;77(12):1609–10

Esophageal perforation during mediastinoscopy—the successful management of 2 complicated cases. Dernevik L, et al. **Thorac Cardiovasc Surg** 1985 Jun;33(3):179–80

[Operative management of esophageal perforations] Wu SC, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Apr;23(4):230–2, 254–5 (Eng. Abstr.) **(Chi)**

[Uni- or bipolar temporary exclusion of the esophagus by stapling. A simple technic, not damaging to the esophagus] Assens P, et al. **Presse Med** 1984 Nov 10;13(40):2449–51 (Eng. Abstr.) **(Fre)**

[Emergency esophageal replacement in thoracic perforation and rupture] Ulrich B, et al. **Chirurg** 1985 Feb;56(2):114–6 **(Ger)**

[Successful treatment of injury to the esophagus, mediastinal pleura and bronchus by active drainage] Saenko AF, et al. **Vestn Khir** 1984 Sep;133(9):55–6 **(Rus)**

[Esophageal perforation and its treatment] de la Garza L, et al. **Rev Gastroenterol Mex** 1984 Apr–Jun;49(2):109–13 (Eng. Abstr.) **(Spa)**

THERAPY

Unifying concepts in treatment of esophageal leaks. Richardson JD, et al. **Am J Surg** 1985 Jan;149(1):157–62

Treatment of oesophageal perforation by intubation. Quayle AR, et al. **Ann R Coll Surg Engl** 1985 Mar;67(2):101–2

Treatment of oesophageal perforation by intubation [letter] Weeden D, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):270–1

Management of esophageal rupture and perforation. Ovrum E, et al. **J Oslo City Hosp** 1984 Oct;34(10):103–8

Spontaneous intramural oesophageal dissection. Lamont G, et al. **Thorax** 1985 Jul;40(7):558–9

[Iatrogenic perforation of the esophagus. Analysis of 27 cases] Favre JP, et al. **Chirurgie** 1985;111(1):47–52 (Eng. Abstr.) **(Fre)**

ESOPHAGEAL REFLUX see GASTROESOPHAGEAL REFLUX

ESOPHAGEAL SPHINCTER see ESOPHAGOGASTRIC JUNCTION

ESOPHAGEAL STENOSIS

Endoscopic tape dilator--a simple and inexpensive method to dilate upper gastrointestinal strictures. Lehman GA, et al. **J Clin Gastroenterol** 1985 Jun;7(3):208–10

CHEMICALLY INDUCED

Carcinoma of the esophagus engrafted on corrosive stricture. A case report. Miyoshi N, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):789–92

Severe oesophageal injury caused by Steradent. Barclay GR, et al. **Postgrad Med J** 1985 Apr;61(714):335–6

Corrosive ingestion in children. Fyfe AH, et al. **Z Kinderchir** 1984 Aug;39(4):229–33

[Esophageal stenosis related to the ingestion of phenoxymethylpenicillin in an insulin-dependent diabetic (letter)] Brochet E, et al. **Presse Med** 1984 Nov 3; 13(39):2392 **(Fre)**

[Acute complications caused by a mucilaginous laxative] Roux E, et al. **Schweiz Med Wochenschr** 1984 Oct 20; 114(42):1470–2 (Eng. Abstr.) **(Fre)**

[A case of acute promyelocytic leukemia complicated with severe esophageal stenosis caused by aclacinomycin A] Kataoka T, et al. **Gan To Kagaku Ryoho** 1985 Aug; 12(8):1686–9 (Eng. Abstr.) **(Jpn)**

[Cicatricial stenosis of the stomach and small intestine after a chemical burn] Smirnov VE, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):138 **(Rus)**

COMPLICATIONS

Rampant caries due to an uncommon medical problem: report of a case. Abdullah F, et al. **Can Dent Assoc J** 1984 Sep; 50(9):711–3

The Barrett stricture [letter] Herbstman D, et al. **Gastrointest Endosc** 1985 Jun;31(3):225–6

Esophageal atresia and T.O.F. with stenosis of distal esophageal segment. Seth NP, et al. **Indian J Pediatr** 1983 Nov-Dec;50(407):685–6

[Unusual late complication of caustic stenosis. Canceration of the cervical esophagus at the level of the ileocoloplasty anastomosis] Marquand J, et al. **Chirurgie** 1984;110(4):400–4 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

Endoscopic sensitivity in the detection of esophageal strictures. Ott DJ, et al. **J Clin Gastroenterol** 1985 Apr; 7(2):121–5

DRUG THERAPY

[Endoscopic injection treatment in benign and malignant esophageal stenoses] Soehendra N, et al. **Dtsch Med Wochenschr** 1984 Dec 21;109(51-52):1973–5 **(Ger)**

ETIOLOGY

Late complications after irradiation treatment for cervical adenitis in childhood. A 60-year follow-up study. Bergström B, et al. **Acta Otolaryngol (Stockh)** 1985 Jul-Aug;100(1-2):151–60

A quantitative assessment of results with the Angelchik prosthesis. Wyllie JH, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):216–21

Acute esophageal obstruction by a psyllium-based bulk laxative [letter] Noble JA, et al. **Chest** 1984 Nov;86(5):800

Candidiasis-induced esophageal strictures. Agha FP. **Gastrointest Radiol** 1984;9(4):283–6

Oesophageal stricture after endoscopic sclerotherapy [letter] McCormack T, et al. **Gut** 1984 Dec;25(12):1432–3

Proximal strictures of the esophagus. Kozarek RA. **J Clin Gastroenterol** 1984 Dec;6(6):505–11

A Celestin bubble. An unusual cause of obstruction. Hamilton JR, et al. **J R Coll Surg Edinb** 1985 Feb;30(1):67–8

Retroesophageal right aortic arch. Schneeweiss A, et al. **Pediatr Cardiol** 1984 Jul-Sep;5(3):191–5

Esophageal stricture secondary to drug-induced toxic epidermal necrolysis. Herman TE, et al. **Pediatr Radiol** 1984;14(6):439–40

Oesophageal stenosis caused by benign mucous membrane pemphigoïd in a patient with an inactive rheumatoïd arthritis. Cytryn E, et al. **ROFO** 1985 Apr;142(4):469–70

[Hepatic calcifications and esophageal stenosis of herpetic origin in an infant (radiological case of the month)] Vidailhet M, et al. **Arch Fr Pediatr** 1985 Jan;42(1):45–7 **(Fre)**

[A 47-year-old cachectic patient with a deglutition disorder and fever] Höfling B, et al. **Internist (Berlin)** 1985 Apr; 26(4):244–8 **(Ger)**

[Esophageal obstruction caused by a Zenker's diverticulum: autocompression of the esophagus] Monhemius A, et al. **ROFO** 1984 Oct;141(4):468–9 **(Ger)**

[Unusual cause of esophageal stenosis] Ballabio D, et al. **Minerva Med** 1985 Feb 28;76(8):341–4 **(Ita)**

[Esophageal stenosis caused by a mucosal ring in the middle third of the esophagus] Benenti C, et al. **Minerva Med** 1985 Feb 28;76(8):345–8 **(Ita)**

[Author's experience in the treatment of peptic esophageal stenosis] De Fina S, et al. **Minerva Med** 1985 Feb 28; 76(8):351–5 **(Ita)**

[Cicatricial esophageal stenosis in gastric or duodenal ulcer complicated by reflux esophagitis] Bernat M, et al. **Wiad Lek** 1984 Apr 15;37(8):594–600 **(Pol)**

[Esophageal candidiasis: apropos of a case] Martínez G, et al. **Rev Esp Enferm Apar Dig** 1984 Dec;66(6):535–8 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Morphological findings in peptic esophageal stenosis with Barrett's ulcer in children. Wurnig P, et al. **Prog Pediatr Surg** 1985;18:42–51

PHYSIOPATHOLOGY

Esophageal motility and symptoms after endoscopic injection sclerotherapy. Cohen LB, et al. **Dig Dis Sci** 1985 Jan; 30(1):29–32

PREVENTION & CONTROL

Nasogastric intubation as sole treatment of caustic esophageal lesions. Wijburg FA, et al. **Ann Otol Rhinol Laryngol** 1985 Jul-Aug;94(4 Pt 1):337–41

[Prevention of caustic stenoses of the esophagus with an intraesophageal mold] Harouchi A, et al. **Chir Pediatr** 1984; 25(6):317–24 (Eng. Abstr.) **(Fre)**

RADIOGRAPHY

Transverse esophageal folds: association with corrosive injury. Reeder JD, et al. **Radiology** 1985 May;155(2):303–4

[The 'jet' sign in cicatricial strictures of the esophagus] Oster AN, et al. **Vestn Rentgenol Radiol** 1984 Jul-Aug;(4):81–2 **(Rus)**

SURGERY

Esophagectomy and colon interposition for benign esophageal stricture. Negre J, et al. **Acta Chir Scand** 1984; 150(8):639–42

Surgical management of strictures of the cervical esophagus. Geller KA, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct; 93(5 Pt 1):505–11

Repair of traumatic cervical esophageal stenosis using microvascular free jejunum transfer. McCaffrey TV, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):512–6

Surgical management of reflux-induced oesophageal stenoses: results in 101 patients. Payne WS. **Br J Surg** 1984 Dec;71(12):971–3

Physiologic effects of intrathoracic placement of Nissen fundoplication. Meredith JW, et al. **Curr Surg** 1985 Jan-Feb;42(1):32–4

Endoscopic treatment of scar stenosis in the upper GI tract. Groitl H. **Endoscopy** 1984 Sep;16(5):168–70

YAG laser endoscopic treatment of an esophageal and sigmoid stricture after end-to-end anastomosis stapling. Chen PC, et al. **Gastrointest Endosc** 1984 Aug;30(4):258–60

Surgical therapy of esophageal strictures. Maher JW. **J Miss State Med Assoc** 1985 Jun;26(6):155–9

Small bowel esophagoplasty with vascular microanastomoses in the neck for treatment of esophageal burns in childhood. Prévot J, et al. **Prog Pediatr Surg** 1985;18:108–17

Symptomatic aberrant retro-esophageal subclavian artery: considerations about the surgical approach, management and results. von Segesser L, et al. **Thorac Cardiovasc Surg** 1984 Oct;32(5):307–10

[Esophagogastric anastomotic stricture treated by transgastric retrograde incision] Xin DY. **Chung Hua I Hsueh Tsa Chih** 1985 May;65(5):302–3 **(Chi)**

[Colonic interposition for esophageal diseases: report of 42 cases] Liu ZZ. **Chung Hua Wai Ko Tsa Chih** 1984 Apr; 22(4):227–9 (Eng. Abstr.) **(Chi)**

[Surgical treatment of stricture of esophagogastric anastomoses] Lu P, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Feb;23(2):93–4, 127 (Eng. Abstr.) **(Chi)**

[Esophageal plasty in children. Retrospective study of 22 colonic transplants. Current orientation] Delarue A, et al. **Chir Pediatr** 1985;26(1):3–7 (Eng. Abstr.) **(Fre)**

[Presternal ileum and right colon for benign esophageal stenosis. Very long-term checking] Negre E, et al. **J Chir (Paris)** 1984 Nov;121(11):639–42 (Eng. Abstr.) **(Fre)**

[Established caustic stenosis of the esophagus in children. Closed-thorax esophagectomy with in situ colonic esophagoplasty] Aigrain Y, et al. **Presse Med** 1984 Dec 22;13(46):2810–2 (Eng. Abstr.) **(Fre)**

[Experiences with endoscopic placed endoprosthesis in stenosing malignancies of the esophagus and cardia] Barbier P, et al. **Chirurg** 1984 Sep;55(9):593–9 (Eng. Abstr.) **(Ger)**

[Rare dislocation of an esophagus endoprosthesis in front of the ileocecal valve with deep small intestine ileus] Penschuck C, et al. **Chirurg** 1985 May;56(5):345–6 **(Ger)**

[Surgical treatment of follicular thyroid gland cancer with obstruction of the upper airway and esophagus] Valesky A, et al. **Chirurg** 1985 Jan;56(1):53–5 **(Ger)**

[Photocoagulation using the Nd-YAG-laser in the treatment of non-neoplastic gastrointestinal stenosis] Sander R, et al. **Fortschr Med** 1984 Nov 8;102(41):1045–7 (Eng. Abstr.) **(Ger)**

[The jejunum for the retrosternal reconstruction of the esophagus] Bernat M, et al. **Zentralbl Chir** 1984; 109(16):1076–80 **(Ger)**

[Palliative surgical therapy of incurable esophagus cancer by stomach bypass and endotube] Dzieniszewski GP, et al. **Zentralbl Chir** 1984;109(24):1550–9 (Eng. Abstr.) **(Ger)**

[Possibilities and limits of palliative endoscopic intubation] Fuchs KH, et al. **Zentralbl Chir** 1984;109(16):1081–6 **(Ger)**

[Repair of benign stenosis of the juxta-cardial esophagus with a pedunculated gastric 'patch' graft. Experimental study] Latteri M, et al. **Minerva Chir** 1984 Jun 15;39(11):863–8 (Eng. Abstr.) **(Ita)**

[Surgery of esophageal stenosis of caustic etiology] Romeo G, et al. **Minerva Chir** 1985 Feb 28;40(4):201–6 **(Ita)**

[Round table. Surgical management of benign and malignant stenosis of the esophagus] Fegiz GF, et al. **Minerva Med** 1985 Feb 28;76(8):309–32 **(Ita)**

[Reconstruction for benign esophageal strictures] Ri K. **Nippon Kyobu Geka Gakkai Zasshi** 1984 May;32(5):690–3 **(Jpn)**

[An extremely difficult case of surgical treatment of cicatricial esophageal stenosis by esophagoplasty] Jezioro Z, et al. **Wiad Lek** 1984 May 1;37(9):689–94 (Eng. Abstr.) **(Pol)**

[Late results of the surgical treatment of esophageal stenosis of tuberculous origin] Strutyńska M, et al. **Wiad Lek** 1984 May 1;37(9):686–8 (Eng. Abstr.) **(Pol)**

[Surgical treatment of patients with peptic strictures of the esophagus] Shalimov SA, et al. **Klin Khir** 1984 Oct; (10):22–5 (Eng. Abstr.) **(Rus)**

[Late results of esophagoplasty in cicatricial strictures] Baidala PG, et al. **Vestn Khir** 1984 Sep;133(9):5–8 (Eng. Abstr.) **(Rus)**

[Treatment of peptic narrowing of the esophagus by vagotomy, partial gastrectomy, and Roux's gastrojejunal 'Y' anastomosis] de Miguel J. **Rev Esp Enferm Apar Dig** 1985 Jun;67(6):511–6 (Eng. Abstr.) **(Spa)**

THERAPY

Fibre-endoscopic insertion of oesophageal tube for palliation in malignant oesophagogastric obstruction. Salo JA, et al. **Acta Chir Scand** 1985;151(4):341–4

Malignant stenosis of the esophagus treated with dilatation or intubation. Granström L, et al. **Acta Chir Scand [Suppl]** 1984;520:33–6

Dilatation of benign oesophageal strictures in the outpatient department. Stoddard CJ, et al. **Br J Surg** 1984 Oct; 71(10):752–3

Dilatation of benign oesophageal strictures [letter] Watson A. **Br J Surg** 1985 Feb;72(2):153–4

Combined therapy of malignant stenoses of the upper gastrointestinal tract by means of laser beam and bougienage. Riemann JF, et al. **Endoscopy** 1985 Mar; 17(2):43–8

Management of esophageal stenosis in recessive dystrophic epidermolysis bullosa. Feurle GE, et al. **Gastroenterology** 1984 Dec;87(6):1376–80

Temporary stenting as an aid to esophageal dilatation [letter] Barkin JS, et al. **Gastrointest Endosc** 1984 Dec;30(6):376–7

Balloon dilatation of benign and malignant esophageal strictures. Blind retrograde balloon dilatation. Graham DY, et al. **Gastrointest Endosc** 1985 Jun;31(3):171–4

Transluminal dilation of esophageal strictures in infants following atresia repair. Navarro FA Jr, et al. **Gastrointest Endosc** 1985 Jun;31(3):200–2

Bacterial endocarditis after Hurst bougienage in a patient with a benign esophageal stricture and mitral valve prolapse. Niv Y, et al. **Gastrointest Endosc** 1985 Aug; 31(4):265–7

Balloon dilation of esophageal strictures [editorial] Webb WA. **Gastrointest Endosc** 1985 Jun;31(3):224–5

Transgastric esophageal bougienage via a feeding gastrostomy. Winkler WP, et al. **Gastrointest Endosc** 1985 Aug;31(4):277–9

Comparison of the Eder-Puestow and Celestin techniques for dilating benign oesophageal strictures. Hine KR, et al. **Gut** 1984 Oct;25(10):1100–2

Balloon catheter dilatation of malignant esophageal stricture. Blundell GE, et al. **J Can Assoc Radiol** 1984 Jun;35(2):180–2

Steerable catheter fluoroscopy in total esophageal obstruction. Franic S, et al. **J Can Assoc Radiol** 1984 Dec; 35(4):399–400

Esophageal stricture dilatation in awake children. Orenstein SR, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug; 4(4):557–62

Esophageal dilatation (bouginage). Shamsi Z, et al. **JPMA** 1985 Jan;35(1):20–3

The management of reflux oesophagitis and oesophageal stricture. Thompson HT, et al. **NZ Med J** 1985 May 22; 98(779):384–6

Treatment of upper esophageal strictures. Sawyer R. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):379–84

Severe esophageal strictures: indications for balloon catheter dilatation. Dawson SL, et al. **Radiology** 1984 Dec; 153(3):631–5

Esophageal strictures in children: treatment by serial balloon catheter dilatation. Goldthorn JF, et al. **Radiology** 1984 Dec;153(3):655–8

Esophageal rupture: complication of balloon dilatation. LaBerge JM, et al. **Radiology** 1985 Oct;157(1):56

Esophageal stenosis: treatment with balloon catheters. Starck

E, et al. **Radiology** 1984 Dec;153(3):637-40

[Instrumental dilatation of esophageal and gastric stenoses using Gruntzig's catheter and Celestin's dilator. Preliminary results] Leichtmann GA, et al. **Gastroenterol Clin Biol** 1984 Aug-Sep;8(8-9):616-20 (Eng. Abstr.) (Fre)

[Instrumental dilatation of esophageal and gastric stenoses (letter)] Monges B, et al. **Gastroenterol Clin Biol** 1985 Apr; 9(4):373 (Fre)

[Conservative treatment of esophageal stenoses with balloon catheters] Starck E, et al. **Dtsch Med Wochenschr** 1985 Jun 28;110(26):1025-30 (Eng. Abstr.) (Ger)

[Endotube as a palliative measure in stenosing cancer of the esophagus and cardia] Buess G, et al. **Leber Magen Darm** 1985 Jan;15(1):26-34 (Eng. Abstr.) (Ger)

[Parenteral and enteral nutrition in esophageal stenosis. Initial clinico-experimental results] Modena S, et al. **Chir Ital** 1983 Apr;35(2):221-7 (Eng. Abstr.) (Ita)

[Ingestion of caustics in childhood: proposal for a therapeutic protocol] Canavese F, et al. **Pediatr Med Chir** 1984 Sep-Oct;6(5):691-3 (Eng. Abstr.) (Ita)

[The use of a balloon catheter under direct vision endoscopy in noncancerous esophageal strictures] Chiyotanda S, et al. **Rinsho Kyobu Geka** 1984 Nov;4(6):825-8 (Eng. Abstr.) (Jpn)

[Endoscopy methods in treating benign esophageal stenosis] Stanciu C, et al. **Rev Med Interna [Med Interna]** 1984 May-Jun;36(3):265-70 (Eng. Abstr.) (Rum)

[Difficulties in the treatment of combined burns of the esophagus and stomach] Chernousov AF, et al. **Khirurgiia (Mosk)** 1985 May;(5):51-4 (Eng. Abstr.) (Rus)

[Continuous bougienage of cicatricial esophageal strictures as a result of burns] Levin SI, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):74-6 (Eng. Abstr.) (Rus)

[Effectiveness of the conservative treatment of patients with cicatricial stricture of the esophagus of different durations] Iangiev A. **Vestn Khir** 1985 May;134(5):39-44 (Eng. Abstr.) (Rus)

VETERINARY

Medical management of esophageal stricture in seven horses. Todhunter RJ, et al. **J Am Vet Med Assoc** 1984 Oct 1; 185(7):784-7

ESOPHAGITIS

CHEMICALLY INDUCED

Dysphagia after open heart surgery. Boyce HW Jr. **Hosp Pract [Off]** 1985 Sep 15;20(9):40, 43, 47 passim

Common and preventable: pill esophagitis. Murray J, et al. **Iowa Med** 1984 Sep;74(9):393-4

Drug-induced esophagitis [letter] **JAMA** 1985 Jul 26; 254(4):508

Doxycycline-induced esophagitis. Amendola MA, et al. **JAMA** 1985 Feb 15;253(7):1009-11

[Acute drug-induced esophagitis] Rives JJ, et al. **Arch Fr Pediatr** 1985 Jan;42(1):33-4 (Eng. Abstr.) (Fre)

[Corrosive esophagitis in children (apropos of 56 cases)] Morgon A, et al. **J Fr Otorhinolaryngol** 1984 Dec; 33(10):503-11 (Fre)

[Esophagitis caused by diazepam (letter)] Herrerias JM, et al. **Med Clin (Barc)** 1984 Nov 17;83(16):690 (Spa)

CLASSIFICATION

[The classification of esophagitis (letter)] Csendes A, et al. **Rev Med Chil** 1984 Aug;112(8):829-30 (Spa)

COMPLICATIONS

Cytomegalovirus esophagitis and gastritis in AIDS. Balthazar EJ, et al. **AJR** 1985 Jun;144(6):1201-4

Cytomegalovirus esophagogastritis in a patient with acquired immunodeficiency syndrome. Freedman PG, et al. **Am J Gastroenterol** 1985 Jun;80(6):434-7

Severe bleeding from herpes esophagitis. Rattner HM, et al. **Am J Gastroenterol** 1985 Jul;80(7):523-5

Spontaneous enterogastric reflux gastritis and esophagitis. Gowen GF. **Ann Surg** 1985 Feb;201(2):170-5

Association of herpes virus infection of the esophagus and idiopathic inflammatory bowel disease. Wörmann B, et al. **Endoscopy** 1985 Jan;17(1):36-7

Tracheoesophageal fistula: a serious complication of infectious esophagitis. Obrecht WF Jr, et al. **Gastroenterology** 1984 Nov;87(5):1174-9

Ulcerative esophagitis in Behçet's syndrome [letter] Anti M, et al. **Gastrointest Endosc** 1985 Aug;31(4):289

[Pathogenesis of heartburn in children with esophagitis] Mazurin AV, et al. **Pediatriia** 1984 Oct;(10):6-9 (Eng. Abstr.) (Rus)

[Malignization of esophagitis] de Arzua Zulaica E. **Rev Esp Enferm Apar Dig** 1985 Mar;67(3):265-6 (Spa)

DIAGNOSIS

Crohn's disease of the esophagus: case report and review of the literature. Freedman PG, et al. **Am J Gastroenterol** 1984 Nov;79(11):835-8

Blastomycosis of the esophagus presenting with gastrointestinal bleeding. McKenzie R, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1271-3

[Symptomatology of peptic esophagitis] Etienne M, et al. **Rev Med Liege** 1984 Sep 15;39(18):645-9 (Fre)

DRUG THERAPY

Effect of cimetidine on HCl-taurocholate-induced esophageal mucosal injury. Salo JA, et al. **Acta Chir Scand** 1984;150(8):647-52

ETIOLOGY

Herpes esophagitis in an otherwise healthy patient. DeGaeta L, et al. **AJR** 1985 Jun;144(6):1205-6

Esophageal infections in immunosuppressed patients after marrow transplantation. McDonald GB, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1111-7

[Herpes, a cause of esophagitis and postoperative digestive hemorrhage] Barbare JC, et al. **Ann Chir** 1985 Apr; 39(3):199-202 (Eng. Abstr.) (Fre)

[Cholescintigraphy in the diagnosis of biliary reflux after esophageal and gastric operations] Szilvási I, et al. **Orv Hetil** 1985 Jan 13;126(2):77-80 (Eng. Abstr.) (Hun)

METABOLISM

Comparison of cimetidine and ranitidine on 24-hour intragastric acidity and serum gastrin profile in patients with esophagitis. Mahachai V, et al. **Dig Dis Sci** 1985 Apr; 30(4):321-8

OCCURRENCE

Oesophageal lesions at autopsy in black children. Hamilton D, et al. **S Afr Med J** 1985 Sep 14;68(6):407-8

PATHOLOGY

Herpes simplex esophagitis--a study in autopsy series. Matsumoto J, et al. **Am J Clin Pathol** 1985 Jul;84(1):96-9

Lipid island of the esophagus. Case report. Remmele W, et al. **Endoscopy** 1984 Nov;16(6):240-1

Herpes simplex esophagitis in healthy adults. Desigan G, et al. **South Med J** 1985 Sep;78(9):1135-7

Herpes oesophagitis. II. Electron microscopical findings. Bürrig KF, et al. **Virchows Arch [A]** 1984;404(2):177-85

Herpes oesophagitis. I. Light microscopical and immunohistochemical investigations. Feiden W, et al. **Virchows Arch [A]** 1984;404(2):167-76

[The value of cytology in the diagnosis of herpetic esophagitis. Apropos of 2 case reports] Heyraud JP, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jul-Sep;20(4):187-9 (Eng. Abstr.) (Fre)

PHYSIOPATHOLOGY

Taurodeoxycholate modulates the effects of pepsin and trypsin in experimental esophagitis. Lillemoe KD, et al. **Surgery** 1985 Jun;97(6):662-7

PREVENTION & CONTROL

Effect of sodium meclofenamate on radiation-induced esophagitis and cystitis. Ambrus JL, et al. **J Med** 1984; 15(2):81-92

Prophylactic administration of indomethacin for irradiation esophagitis. Nicolopoulos N, et al. **Radiother Oncol** 1985 Jan;3(1):23-5

RADIOGRAPHY

Re: Candida esophagitis: accuracy of radiographic diagnosis [letter] Gelfand DW, et al. **Radiology** 1985 Sep;156(3):844-5

Candida esophagitis: accuracy of radiographic diagnosis. Levine MS, et al. **Radiology** 1985 Mar;154(3):581-7

RADIONUCLIDE IMAGING

Gastroesophageal scintigraphy and endoscopy in the diagnosis of esophageal reflux and esophagitis. Fung WP, et al. **Am J Gastroenterol** 1985 Apr;80(4):245-7

SURGERY

Motility patterns in Roux-en-Y limb patients [letter] Achord JL. **Gastroenterology** 1985 Jun;88(6):2023

To Nissen or not to Nissen. Schärli AF. **Prog Pediatr Surg** 1985;18:96-100

ESOPHAGITIS, PEPTIC

Reflux esophagitis: an update. Nelson JL 3d, et al. **South Med J** 1985 Apr;78(4):452-7 (24 ref.)

CHEMICALLY INDUCED

Contribution of trypsin and cholate to the pathogenesis of experimental alkaline reflux esophagitis. Salo JA, et al. **Scand J Gastroenterol** 1984 Oct;19(7):875-81

COMPLICATIONS

Barrett esophagus as an extension of severe esophagitis: analysis of radiologic signs in 29 cases. Chen YM, et al. **AJR** 1985 Aug;145(2):275-81

Esophagitis and cancer of the esophagus. Kuylenstierna R, et al. **Cancer** 1985 Aug 15;56(4):837-9

Physiologic effects of intrathoracic placement of Nissen fundoplication. Meredith JW, et al. **Curr Surg** 1985 Jan-Feb;42(1):32-4

Gastrointestinal hemorrhage in paralyzed and neurologically impaired patients: contribution of reflux esophageal disease. Smith HJ. **Gastrointest Radiol** 1985;10(1):7-10

Relationship between mixed acid-alkaline gastroesophageal reflux and esophagitis. Cortesini C, et al. **Ital J Surg Sci** 1985;15(1):9-15

[Author's experience in the treatment of peptic esophageal stenosis] De Fina S, et al. **Minerva Med** 1985 Feb 28; 76(8):351-5 (Ita)

[Cicatricial esophageal stenosis in gastric or duodenal ulcer complicated by reflux esophagitis] Bernat M, et al. **Wiad Lek** 1984 Apr 15;37(8):594-600 (Pol)

[Barrett esophagus following peptic and alkaline esophagitis] Ziliotto Júnior A, et al. **Arq Gastroenterol** 1984 Oct-Dec; 21(4):167-71 (Eng. Abstr.) (Por)

[Alkaline reflux in the upper digestive tract] Campos Campos SF, et al. **Rev Gastroenterol Mex** 1984 Jul-Sep;49(3):139-43 (Eng. Abstr.) (Spa)

DIAGNOSIS

Usefulness of combined gastric and esophageal pH monitoring in detecting gastroesophageal alkaline and mixed reflux. Cortesini C, et al. **Eur Surg Res** 1984; 16(6):378-83

Endoscopic measurement of oesophageal transmucosal potential difference in reflux oesophagitis. Collins BJ, et al. **Gut** 1984 Oct;25(10):1103-6

Intraesophageal acid perfusion test (Bernstein test). Shami Z, et al. **JPMA** 1984 Jul;34(7):222-3

Endoscopic findings in reflux esophagitis in childhood. Jaeger HD. **Prog Pediatr Surg** 1985;18:38-41

[Fibroscopy and gastroesophageal reflux (letter)] Turck D, et al. **Arch Fr Pediatr** 1984 Oct;41(8):589-90 (Fre)

[Histopathology of reflux esophagitis at an early phase. Study and significance of intraepithelial eosinophilia] Andreoli F, et al. **Minerva Med** 1984 Sep 29;75(37):2173-7 (Eng. Abstr.) (Ita)

[Differential diagnosis of angina pectoris and esophageal diseases] Katsenovich RA, et al. **Klin Med (Mosk)** 1984 Aug;62(8):27-31 (Eng. Abstr.) (Rus)

DRUG THERAPY

Antacids and cimetidine treatment for gastro-oesophageal reflux and peptic oesophagitis. Cucchiara S, et al. **Arch Dis Child** 1984 Sep;59(9):842-7

Comparison between ranitidine and cimetidine in the treatment of reflux oesophagitis. Fielding JF, et al. **Ir Med J** 1984 Nov;77(11):356-7

Ranitidine in the management of gastro-oesophageal reflux disease. Nelis GF. **Neth J Med** 1985;28(5):197-200

Ranitidine and high-dose antacid in reflux oesophagitis. A randomized, placebo-controlled trial. Grove O, et al. **Scand J Gastroenterol** 1985 May;20(4):457-61

Sucralfate and alginate/antacid in reflux esophagitis. Laitinen S, et al. **Scand J Gastroenterol** 1985 Mar;20(2):229-32

[Results in the medical treatment of peptic esophagitis] Etienne M, et al. **Rev Med Liege** 1984 Oct 1;39(19):673-5 (Fre)

[Cimetidine and ranitidine in the treatment of reflux esophagitis] Kimmig JM. **Z Gastroenterol** 1984 Aug 22(8):373-8 (Eng. Abstr.) (Ger)

[Cimetidine 2 X 400 mg in the treatment of reflux esophagitis?] Koelz HR. **Z Gastroenterol** 1984 Aug 22(8):379-81 (Ger)

[Control of reflux esophagitis in gastroresected patients. Medical treatment with alginic acid] Triggiani E, et al. **Minerva Chir** 1984 Jun 15;39(11):869-74 (Eng. Abstr.) (Ita)

ETIOLOGY

Bile acid efflux precedes mucosal barrier disruption in the rabbit esophagus. Schweitzer EJ, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):G480-5

[A study on reflux esophagitis in progressive systemic sclerosis (PSS): second report. Nocturnal gastroesophageal motility and esophageal pH in supine position] Matsuzaki T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May; 82(5):1300-7 (Eng. Abstr.) (Jpn)

METABOLISM

Bile acid concentrations in the gastric juice of patients with erosive oesophagitis. Collins BJ, et al. **Gut** 1985 May; 26(5):495-9

Mural collagen in experimental reflux esophagitis in rats. Mud HJ, et al. **J Surg Res** 1985 Feb;38(2):97-104

OCCURRENCE

[Endoscopic incidence of reflux esophagitis in a group of 20,467 patients] Ollyo JB, et al. **Schweiz Rundsch Med Prax** 1984 Sep 4;73(36):1088-9 (Eng. Abstr.) (Fre)

PATHOLOGY

Intraepithelial eosinophils in endoscopic biopsies of adults with reflux esophagitis. Brown LF, et al. **Am J Surg Pathol** 1984 Dec;8(12):899-905

Mucosal bridges of the oesophagus in Candida oesophagitis. Simson JN, et al. **Br J Surg** 1985 Mar;72(3):209-10

Enzymatic digestion of esophageal meat impaction. A study of Adolph's Meat Tenderizer. Goldner F, et al. **Dig Dis Sci** 1985 May;30(5):456-9

Morphometric assessment of reflux oesophagitis in fibreoptic biopsy specimens. Jarvis LR, et al. **J Clin Pathol** 1985 Jan

38(1):44-8

Manometric guidance in suction biopsy of the esophagus in children. Whitington PF, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):535-8

Morphological findings in peptic esophageal stenosis with Barrett's ulcer in children. Wurnig P, et al. **Prog Pediatr Surg** 1985;18:42-51

PHYSIOPATHOLOGY

Esophageal motor function and response to acid perfusion in patients with symptomatic reflux esophagitis. Burns TW, et al. **Dig Dis Sci** 1985 Jun;30(6):529-35

Oesophageal motor events at the occurrence of acid reflux and during endogenous acid exposure in healthy subjects and in patients with oesophagitis. Baldi F, et al. **Gut** 1985 Apr;26(4):336-41

Insufficiency of the lower esophageal sphincter—cause of reflux esophagitis. Rückauer K, et al. **Helv Chir Acta** 1985 Jan;51(6):705-7

The effect of domperidone on gastric emptying in reflux esophagitis: a radioisotopic study. Del Genio A, et al. **J Nucl Med Allied Sci** 1984 Oct-Dec;28(4):251-6

Twenty-four hour ambulatory pH recording with computerised analysis. Breedijk M, et al. **Med Biol Eng Comput** 1984 Nov;22(6):609-12

Impairment of vagal function in reflux oesophagitis. Ogilvie AL, et al. **Q J Med** 1985 Jan;54(213):61-74

[Insufficiency of the lower esophageal sphincter. Cause of reflux esophagitis] Rückauer K, et al. **Schweiz Rundsch Med Prax** 1984 Sep 4;73(36):1090-1 (Eng. Abstr.) **(Ger)**

[Esophageal transmucosal potential difference in patients with peptic and alkaline esophagitis] Izzo G, et al. **Minerva Med** 1984 Sep 29;75(37):2161-6 **(Ita)**

PREVENTION & CONTROL

Sucralfate prevents experimental peptic esophagitis in rabbits. Schweitzer EJ, et al. **Gastroenterology** 1985 Mar;88(3):611-9

[Anastomotic procedure and reflux esophagitis following total and upper pole gastrectomies] Rădulescu D. **Rev Chir [Chir]** 1983 May-Jun;32(3):199-206 (Eng. Abstr.) **(Rum)**

[Prevention and treatment of reflux esophagitis following gastrectomy in stomach cancer patients] Chernyĭ VA, et al. **Klin Khir** 1985 May;(5):17-20 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Diagnosis of reflux esophagitis. With special reference to double contrast radiography. Kääriäinen M. **Ann Clin Res** 1985;17 Suppl 45:1-43

Significance of diffuse granularity and nodularity of the esophageal mucosa at double-contrast radiography. Graziani L, et al. **Gastrointest Radiol** 1985;10(1):1-6

RADIONUCLIDE IMAGING

Gastroesophageal scintigraphy: is it a sensitive screening test for gastroesophageal reflux disease? Jenkins AF, et al. **J Clin Gastroenterol** 1985 Apr;7(2):127-31

Radionuclide evaluation of esophageal regurgitation after valvulofundoplasty [letter] Okuyama S, et al. **Radioisotopes** 1984 Jun;33(6):395-6

SURGERY

Antrectomy. Roux-en-Y reconstruction and vagotomy for recurrent reflux oesophagitis. Matikainen M. **Acta Chir Scand** 1984;150(8):643-5

The mechanism of Nissen fundoplication. Matikainen M, et al. **Acta Chir Scand** 1984;150(8):653-5

Postfundoplication symptoms: do they restrict the success of the Nissen fundoplication? [letter] Garcia-Rinaldi R. **Ann Surg** 1984 Nov;200(5):682

Reoperations for esophagitis following failed antireflux procedures. Maher JW, et al. **Ann Surg** 1985 Jun;201(6):723-7

Total fundoplication gastroplasty (Nissen gastroplasty): five-year review. Henderson RD, et al. **Ann Thorac Surg** 1985 Jan;39(1):74-9

The floppy Nissen fundoplication. Effective long-term control of pathologic reflux. Donahue PE, et al. **Arch Surg** 1985 Jun;120(6):663-8

Randomized prospective trial of the Angelchik anti-reflux prosthesis. Gear MW, et al. **Br J Surg** 1984 Sep;71(9):681-3

Partial gastrectomy with Roux-en-Y reconstruction in the treatment of persistent or recurrent oesophagitis after Nissen fundoplication. Salo JA, et al. **Br J Surg** 1985 Aug;7(8):623-5

Surgical therapy of esophageal strictures. Maher JW. **J Miss State Med Assoc** 1985 Jun;26(6):155-9

The management of reflux oesophagitis and oesophageal stricture. Thompson HT, et al. **NZ Med J** 1985 May 22;98(779):384-6

Antireflux procedure after previous esophagogastrectomy. Raju S, et al. **South Med J** 1984 Dec;77(12):1584-6

[Surgical treatment of reflux esophagitis using Angelchik's ring prosthesis] Proot L, et al. **Acta Chir Belg** 1984 Nov-Dec;84(6):365-70 (Eng. Abstr.) **(Dut)**

[The surgical treatment of reflux esophagitis in adults] Gooszen HG, et al. **Ned Tijdschr Geneeskd** 1984 Jul 21;128(29):1385-90 **(Dut)**

[Experimental evaluation of the short Nissen fundoplicature (1 cm) with or without gastroplasty] Beauchamp G, et al. **Union Med Can** 1985 Apr;114(4):283-9 (Eng. Abstr.) **(Fre)**

[Total duodenal diversion by fundo-jejunostomy with Roux-Y-loop in the treatment of severe postoperative recurrent reflux esophagitis] Hollender LF, et al. **Chirurg** 1985 May;56(5):311-4 (Eng. Abstr.) **(Ger)**

[Severe reflux esophagitis—conservative versus operative treatment. The surgical viewpoint] Siewert JR. **Z Gastroenterol [Verh]** 1985 Apr;20:19-21 **(Ger)**

[Surgical treatment of alkaline and/or mixed esophagitis] Peracchia A, et al. **Minerva Chir** 1985 Feb 28;40(4):207-10 **(Ita)**

[Surgical treatment of reflux esophagitis] Sandonato L, et al. **Minerva Med** 1984 Sep 29;75(37):2101-3 **(Ita)**

[Effect of bethanecol and prostaglandin E2 on gastroesophageal reflux and esophageal emptying, in patients with reflux esophagitis proposed for surgical therapy] Costa PM, et al. **Acta Med Port** 1985 Feb;6(2):83-94 (Eng. Abstr.) **(Por)**

THERAPY

A solution to the reflux problem? Vogten AJ. **Neth J Med** 1985;28(5):180-1

[Gray areas in the treatment of diseases of the esophagogastric junction] Scheurer U. **Schweiz Rundsch Med Prax** 1984 Sep 4;73(36):1080-5 (46 ref.) (Eng. Abstr.) **(Ger)**

[Severe reflux exophagitis. Conservative versus operative treatment. The internist viewpoint] Wienbeck M. **Z Gastroenterol [Verh]** 1985 Apr;20:15-8 **(Ger)**

ESOPHAGITIS, REFLUX see **ESOPHAGITIS, PEPTIC**

ESOPHAGOGASTRIC JUNCTION

The esophagogastric polyp-fold complex. Van der Veer LD, et al. **Am J Gastroenterol** 1984 Dec;79(12):918-20

The Angelchik antireflux prosthesis. Deitel M, et al. **Can J Surg** 1985 Mar;28(2):176-9

Esophagogastric polyp [letter] Emmanoulidis A, et al. **Gastrointest Endosc** 1985 Feb;31(1):55

Stricture location in Barrett's esophagus. Lackey C, et al. **Gastrointest Endosc** 1984 Dec;30(6):331-3

[Role and indications of manometry and Ph-metry in the pathology of the esophagus and esophagogastric junction] Balanzoni S, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):139-45 (Eng. Abstr.) **(Ita)**

ABNORMALITIES

Phreno-oesophageal muscle anomaly or rudimentary oesophageal sphincter? Ashour M, et al. **J R Coll Surg Edinb** 1984 Nov;29(6):387-8

[Neonatal gastric obstruction] Lomiento D, et al. **Radiol Med (Torino)** 1984 Sep;70(9):607-10 (Eng. Abstr.) **(Ita)**

DRUG EFFECTS

Effects of atropine, acepromazine, meperidine, and xylazine on gastroesophageal sphincter pressure in the dog. Strombeck DR, et al. **Am J Vet Res** 1985 Apr;46(4):963-5

Effect of gastrin, histamine, serotonin, and adrenergic amines on gastroesophageal sphincter pressure in the dog. Strombeck DR, et al. **Am J Vet Res** 1985 Aug;46(8):1684-90

Relaxation of lower esophageal sphincter and stimulation of gastric secretion and diuresis by antiasthmatic xanthines. Role of adenosine antagonism. Johannesson N, et al. **Am Rev Respir Dis** 1985 Jan;131(1):26-30

Effects of exepanol-HCl, metoclopramide and domperidone on the lower esophageal sphincter of dogs. Wolf KU. **Arzneimittelforsch** 1985;35(1):136-7

Barium granuloma of gastroesophageal junction causing progressive dysphagia. Solc P, et al. **Dtsch Z Verdau Stoffwechselkr** 1985;45(1):27-30

Motilin: a mechanism incorporating the opossum lower esophageal sphincter into the migrating motor complex. Holloway RH, et al. **Gastroenterology** 1985 Sep;89(3):507-15

Nifedipine: a potent inhibitor of contractions in the body of the human esophagus. Studies in healthy volunteers and patients with the nutcracker esophagus. Richter JE, et al. **Gastroenterology** 1985 Sep;89(3):549-54

Effects of cimetidine and ranitidine on interdigestive and postprandial lower esophageal sphincter pressures and plasma gastrin levels in normal subjects. Smout AJ, et al. **Gastroenterology** 1985 Feb;88(2):557-63

Influence of morphine on the distal oesophagus and the lower oesophageal sphincter—a manometric study. Dowlatshahi K, et al. **Gut** 1985 Aug;26(8):802-6

Effect of verapamil and diltiazem on isolated gastro-oesophageal sphincter of the rat. Morales-Olivas FJ, et al. **J Pharm Pharmacol** 1985 Mar;37(3):208-9

Effect of domperidone on gastro-oesophageal function in normal human subjects. Wallin L, et al. **Scand J Gastroenterol** 1985 Mar;20(2):150-4

[Action of thiopental on the lower esophageal sphincter] Henry MA, et al. **Cah Anesthesiol** 1984 Jan-Feb;32(1):37-8 **(Fre)**

[Domperidone and the lower esophageal sphincter: experimental study] Monni S, et al. **Chir Patol Sper** 1983 Apr;31(2):69-74 (Eng. Abstr.) **(Ita)**

[Behavior of the pressure of the lower esophageal sphincter after intravenous administration of domperidone in normal subjects] Di Martino N, et al. **Minerva Med** 1985 Jul 31;76(30-31):1411-7 (Eng. Abstr.) **(Ita)**

[Evaluation of the effect of flunitrazepam on the lower esophageal sphincter in man with intraluminal manometry] Mussa A, et al. **Minerva Med** 1984 Oct 20;75(40):2369-71 (Eng. Abstr.) **(Ita)**

ENZYMOLOGY

Differences in cytochrome c oxidase capacity in smooth muscle of opossum esophagus and lower esophageal sphincter. Robison BA, et al. **Gastroenterology** 1984 Nov;87(5):1009-13

PATHOLOGY

Endoscopic laser therapy for malignancies affecting the esophagus and gastroesophageal junction. Analysis of technical and functional efficacy. Mellow MH, et al. **Arch Intern Med** 1985 Aug;145(8):1443-6

PHYSIOLOGY

Studies on the mechanism of the lower esophageal sphincter pressure response to alkali ingestion in humans. McCallum RW. **Am J Gastroenterol** 1985 Jul;80(7):513-7

Variability of lower esophageal sphincter pressure in the fasted unanesthetized opossum. Holloway RH, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G398-406

Sleeve device functions as a Starling resistor to record sphincter pressure. Linehan JH, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):G251-5

Development of esophageal function. Diamant NE. **Am Rev Respir Dis** 1985 May;131(5):S29-32

Role of the diaphragm in the genesis of lower esophageal sphincter pressure in the cat. Boyle JT, et al. **Gastroenterology** 1985 Mar;88(3):723-30

Developmental characteristics of the lower esophageal sphincter in the kitten. Hillemeier C, et al. **Gastroenterology** 1985 Oct;89(4):760-6

Suppression of postprandial lower esophageal sphincter pressure and pancreatic polypeptide by duodenal exclusion. Maher JW, et al. **J Surg Res** 1984 Dec;37(6):467-71

Simultaneous manometry and electromyography in the pharyngoesophageal segment. van Overbeek JJ, et al. **Laryngoscope** 1985 May;95(5):582-4

Sphincters of the oesophagus. Castell DO. **Neth J Med** 1984;27(7):234-41 (55 ref.)

The effect of increased gastrin release on lower esophageal sphincter pressure. Watanabe M, et al. **Tohoku J Exp Med** 1984 Dec;144(4):881-94

[Simultaneous registration of rheographic and manometric parameters of the inferior esophageal sphincter in the cat] Di Lorenzo M, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):365-72 (Eng. Abstr.) **(Ita)**

[The lower esophageal sphincter in 25 normal individuals] Carvalhinhos A, et al. **Acta Med Port** 1985 Feb;6(2):75-81 (Eng. Abstr.) **(Por)**

PHYSIOPATHOLOGY

Chest pain—esophageal, cardiac, or both? Lee MG, et al. **Am J Gastroenterol** 1985 May;80(5):320-4

Dysphagia and lower esophageal sphincter abnormalities after proximal gastric vagotomy. Guelrud M, et al. **Am J Surg** 1985 Feb;149(2):232-5

Oesophageal manometry in patients with varices and following oesophageal transection. Spence RA, et al. **Br J Surg** 1985 Feb;72(2):96-8

Gastroesophageal sphincter pressure and histological changes in distal esophagus in patients with achalasia of the esophagus. Csendes A, et al. **Dig Dis Sci** 1985 Oct;30(10):941-5

Insufficiency of the lower esophageal sphincter—cause of reflux esophagitis. Rückauer K, et al. **Helv Chir Acta** 1985 Jan;51(6):705-7

Regulatory peptides in the lower esophageal sphincter of man. Aggestrup S, et al. **Regul Pept** 1985 Mar;10(2-3):167-78

Serum gastrin levels and lower oesophageal sphincter pressures in infants with congenital hypertrophic pyloric stenosis. Iwai N, et al. **Z Kinderchir** 1984 Aug;39(4):234-6

[Gastroesophageal reflux in young children] Bijleveld CM, et al. **Ned Tijdschr Geneeskd** 1984 Jul 21;128(29):1380-5 **(Dut)**

[Insufficiency of the lower esophageal sphincter. Cause of reflux esophagitis] Rückauer K, et al. **Schweiz Rundsch Med Prax** 1984 Sep 4;73(36):1090-1 (Eng. Abstr.) **(Ger)**

[Evaluation of the functional modifications of the lower esophageal sphincter after use of the Angelchik prosthesis] Anfossi A, et al. **Chir Ital** 1983 Jun;35(3):332-41 (Eng. Abstr.) **(Ita)**

[Behavior of the upper esophageal sphincter in patients with slipped hiatal hernia] Del Genio A, et al. **Minerva Med** 1984 Sep 29;75(37):2145-53 **(Ita)**

[Effect of a slipped hiatal hernia on the activity of the lower esophageal sphincter and of the abdominal portion of the esophagus. A pH-manometric study] Fei L, et al. **Minerva Med** 1984 Sep 29;75(37):2155-60 **(Ita)**

[Findings on the behavior of the esophagus after selective and superselective truncal vagotomy. Experience with 200 cases] Micheletto G, et al. **Minerva Med** 1984 Sep 29; 75(37):2129–34 **(Ita)**

[Manometry of the esophagus in patients with upper digestive manifestations] Ramírez Mata M, et al. **Rev Invest Clin** 1984 Apr–Jun;36(2):121–3 (Eng. Abstr.) **(Spa)**

RADIOGRAPHY

Diverging gastro–esophageal folds: an useful sign for detecting small hiatal hernias in the erect position. Gore RM, et al. **Eur J Radiol** 1985 Feb;5(1):27–9

Esophagogastric polyps: radiographic and endoscopic findings. Styles RA, et al. **Radiology** 1985 Feb; 154(2):307–11

SURGERY

Total fundoplication gastroplasty (Nissen gastroplasty): five–year review. Henderson RD, et al. **Ann Thorac Surg** 1985 Jan;39(1):74–9

Prolonged ambulatory pH monitoring in patients following oesophageal transection and control subjects. Spence RA, et al. **Br J Surg** 1985 Feb;72(2):99–101

Surgical techniques for gastroesophagostomy with the EEA stapler. Mittal VK, et al. **Int Surg** 1985 Jan–Mar;70(1):29–32

Temporary banding of the gastroesophageal junction in the critically ill neonate with esophageal atresia and tracheoesophageal fistula. Fagelman KM, et al. **Surgery** 1985 Sep;98(3):594–7

Surgical treatment for malignant lesions of the distal part of the esophagus and the esophagogastric junction. Bertelsen S, et al. **World J Surg** 1985 Aug;9(4):633–8

[Esophageal and gastric fistulas following surgery of the esophagogastric junction] Gianello P, et al. **Acta Chir Belg** 1985 May–Jun;85(3):169–78 (Eng. Abstr.) **(Fre)**

[Hiatal hernia as a complication of Heller's operation] Mosca F, et al. **Minerva Chir** 1985 May 15;40(9):653–6 (Eng. Abstr.) **(Ita)**

[Gastroesophageal reflux in children. Experience in 100 cases treated by Nissen's fundoplication] Pérez–Fernández L, et al. **Bol Med Hosp Infant Mex** 1985 Apr;42(4):256–65 (Eng. Abstr.) **(Spa)**

[Fundoplication. Technics. Indications (1)] Serrano Martínez R, et al. **Rev Esp Enferm Apar Dig** 1984 Nov;66(5):448–57 (Eng. Abstr.) **(Spa)**

ESOPHAGOPLASTY

Esophageal transection fails to salvage high–risk cirrhotic patients with variceal bleeding. Durtschi MB, et al. **Am J Surg** 1985 Jul;150(1):18–23

Small bowel esophagoplasty with vascular microanastomoses in the neck for treatment of esophageal burns in childhood. Prévot J, et al. **Prog Pediatr Surg** 1985;18:108–17

Radionuclide evaluation of esophageal regurgitation after valvulofundoplasty [letter] Okuyama S, et al. **Radioisotopes** 1984 Jun;33(6):395–6

Pharyngo–oesophageal reconstruction with the pectoralis major myocutaneous flap. Joseph CA, et al. **S Afr J Surg** 1985 Jun;23(2):67–9

[Early retrosternal colonoplasty in esophageal atresia in newborn infants] Babliak DE, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):84–8 (Eng. Abstr.) **(Rus)**

[Causes of incompetence of esophago–intestinal anastomoses in the neck] Belousov EV, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):76–9 (Eng. Abstr.) **(Rus)**

[Reoperation after esophagoplasty] Chernousov AF, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):58–63 (Eng. Abstr.) **(Rus)**

[D–xylose test for determining the absorptive capacity of the ileum] Lukomskiĭ GI, et al. **Sov Med** 1985;(3):37–8 (Eng. Abstr.) **(Rus)**

[Late results of esophagoplasty in cicatricial strictures] Baidala PG, et al. **Vestn Khir** 1984 Sep;133(9):5–8 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Management of an infected mucocele occurring in a bypassed excluded esophageal segment. Olsen CO, et al. **Ann Thorac Surg** 1985 Jul;40(1):73–5

[Peptic ulcer of the cologastric anastomosis in esophagoplasties] Popovici Z, et al. **J Chir (Paris)** 1984 Oct;121(10):599–603 (Eng. Abstr.) **(Fre)**

[Exclusion of the stomach from the digestive tract after esophagoplasty as the cause of severe dumping syndrome] Rosińska T, et al. **Pol Tyg Lek** 1985 Feb 18;40(7):201–3 (Eng. Abstr.) **(Pol)**

[Pathology of the artificial esophagus made of skin] Sapozhnikova MA, et al. **Arkh Patol** 1985;47(2):29–35 (Eng. Abstr.) **(Rus)**

HISTORY

[Articles on esophageal surgery in the journal 'Grudnaia Khirurgiia' over the past 25 years] Chernousov AF, et al. **Grudn Khir** 1985 Jan–Feb;(1):64–9 **(Rus)**

METHODS

Surgical management of strictures of the cervical esophagus. Geller KA, et al. **Ann Otol Rhinol Laryngol** 1984 Sep–Oct; 93(5 Pt 1):505–11

Repair of traumatic cervical esophageal stenosis using microvascular free jejunum transfer. McCaffrey TV, et al. **Ann Otol Rhinol Laryngol** 1984 Sep–Oct;93(5 Pt 1):512–6

Reconstructive options for pharyngeal and/or cervical esophageal defects. Schuller DE. **Arch Otolaryngol** 1985 Mar;111(3):193–7

Pectoralis myocutaneous flap modifications [letter] Stiernberg CM. **Arch Otolaryngol** 1985 Mar;111(3):208

Oesophageal substitution. Anderson KD. **Aust NZ J Surg** 1984 Oct;54(5):447–9

Physiologic effects of intrathoracic placement of Nissen fundoplication. Meredith JW, et al. **Curr Surg** 1985 Jan–Feb;42(1):32–4

Surgical therapy of esophageal strictures. Maher JW. **J Miss State Med Assoc** 1985 Jun;26(6):155–9

Reconstructive surgery of the cervical esophagus. Jurkiewicz MJ. **J Thorac Cardiovasc Surg** 1984 Nov;88(5 Pt 2):893–7

Experimental use of a free pericardial patch in the repair of a defect in the esophagus of dogs. Yeoh NT, et al. **Med J Malaysia** 1984 Jun;39(2):127–30

Pharyngoesophageal reconstruction using a fabricated forearm free flap. Harii K, et al. **Plast Reconstr Surg** 1985 Apr;75(4):463–76

Reconstruction of the cervical esophagus with the right colon. Lim RY, et al. **W Va Med J** 1985 Jul;81(7):137–9

Gastric tube oesophagoplasty—a long–term assessment. Goon HK, et al. **Z Kinderchir** 1985 Feb;40(1):21–5

Gastric tube oesophagoplasty for oesophageal atresia: a follow–up study. Part I: Clinical controls. Pineschi A, et al. **Z Kinderchir** 1985 Feb;40(1):13–5

Gastric tube oesophagoplasty for oesophageal atresia: a follow–up study. Part II: Radiologic, endoscopic and histologic controls. Pineschi A, et al. **Z Kinderchir** 1985 Feb;40(1):16–20

[Colonic interposition for esophageal diseases: report of 42 cases] Liu ZZ. **Chung Hua Wai Ko Tsa Chih** 1984 Apr; 22(4):227–9 (Eng. Abstr.) **(Chi)**

[Presternal ileum and right colon for benign esophageal stenosis. Very long–term checking] Negre E, et al. **J Chir (Paris)** 1984 Nov;121(11):639–42 (Eng. Abstr.) **(Fre)**

[Total pharyngo–laryngo–esophagectomy with reestablishment of continuity by intestinal pull–up; apropos of 15 cases] Haguenauer JP, et al. **J Fr Otorhinolaryngol** 1984 Oct;33(8):397–400 **(Fre)**

[Established caustic stenosis of the esophagus in children. Closed–thorax esophagectomy with in situ colonic esophagoplasty] Aigrain Y, et al. **Presse Med** 1984 Dec 22;13(46):2810–2 (Eng. Abstr.) **(Fre)**

[Replacement of the cervical esophagus by a free small intestine transplant in swine] Zimmermann H, et al. **Helv Chir Acta** 1985 Apr;52(1):83–5 (Eng. Abstr.) **(Ger)**

[Intrathoracic–extrapleural esophageal replacement with gastroplasty] Christ F, et al. **ROFO** 1984 Dec;141(6):666–73 (Eng. Abstr.) **(Ger)**

[Repair of benign stenosis of the juxta–cardial esophagus with a pedunculated gastric 'patch' graft. Experimental study] Latteri M, et al. **Minerva Chir** 1984 Jun 15;39(11):863–8 (Eng. Abstr.) **(Ita)**

[A case of reconstruction of the cervical esophagus in wound dehiscence resulting from esophagogastric anastomosis at the neck level] Caprotti R, et al. **Minerva Med** 1985 Feb 28;76(8):357–61 **(Ita)**

[Prognosis and indication in the cases of reconstruction of esophagus through the posterior mediastinal route with a gastric tube for carcinoma of thoracic esophagus. with special reference to the depth of invasion to adventitia] Suenaga T. **Igaku Kenkyu** 1984 Feb;54(1):47–77 (Eng. Abstr.) **(Jpn)**

[Three surgically treated cases of spontaneous rupture of the esophagus with reference to a new surgical approach—eversion stripping and esophagogastrostomy through the posterior mediastinum] Osako T, et al. **Nippon Geka Gakkai Zasshi** 1984 Jun;85(6):592–7 (Eng. Abstr.) **(Jpn)**

[Reconstruction for benign esophageal strictures] Ri K. **Nippon Kyobu Geka Gakkai Zasshi** 1984 May;32(5):690–3 **(Jpn)**

[An extremely difficult case of surgical treatment of cicatricial esophageal stenosis by esophagoplasty] Jezioro Z, et al. **Wiad Lek** 1984 May 1;37(9):689–94 (Eng. Abstr.) **(Pol)**

[A new method of revascularization of a free segment of the intestine used for plastic surgery of the esophagus and pharynx] Lukomskiĭ GI, et al. **Grudn Khir** 1984 Nov–Dec; (6):70–1 **(Rus)**

[Current state of surgery of the esophagus] Petrovskiĭ BV, et al. **Khirurgiia (Mosk)** 1985 May;(5):10–4 **(Rus)**

STANDARDS

[Radiological examination of esophagoplasty interventions for esophageal cancer] Muzzio PC, et al. **Radiol Med (Torino)** 1984 Jun;70(6):379–87 (Eng. Abstr.) **(Ita)**

ESOPHAGOSCOPY

Laser treatment of esophageal cancer. Overholt BF. **Am J Gastroenterol** 1985 Sep;80(9):719–20

Spontaneous intramural oesophageal perforation. Gutiérrez del Olmo A, et al. **Endoscopy** 1985 Mar;17(2):76–7

Double early epidermoid carcinoma of the esophagus in columnar epithelium. Resano CH, et al. **Endoscopy** 1985 Mar;17(2):73–5

Association of herpes virus infection of the esophagus and idiopathic inflammatory bowel disease. Würmann B, et al. **Endoscopy** 1985 Jan;17(1):36–7

Endoscopic study of chronological changes leading to cancer in the esophagus of dogs induced by N–ethyl–N'–nitro–N–nitrosoguanidine. Sasaki O, et al. **Gastroenterol Jpn** 1984 Oct;19(5):456–63

Endoscopic appearance of an Angelchik prosthesis [letter] Carlisle WR, et al. **Gastrointest Endosc** 1984 Dec;30(6):376

Granular cell myoblastoma of the esophagus: endoscopic diagnosis and therapy. Farinati F, et al. **Gastrointest Endosc** 1985 Feb;31(1):22–3

Endoscopy in premalignant conditions of the esophagus. Lightdale CJ. **Gastrointest Endosc** 1984 Oct;30(5):308–10

Endoscopic therapy for esophageal carcinoma with Nd:YAG laser: prospective evaluation of efficacy, complications, and survival. Mellow MH, et al. **Gastrointest Endosc** 1984 Dec; 30(6):334–9

Current status of endoscopic sclerotherapy [editorial] Bhargava DK. **Indian J Gastroenterol** 1985 Jan;4(1):7

The use of intraoperative oesophagoscopy in oesophageal diverticula: a report of two cases. Milito G, et al. **Ital J Surg Sci** 1984;14(3):233–5

X–ray–negative dysphagia: is endoscopy necessary? DiPalma JA, et al. **J Clin Gastroenterol** 1984 Oct;6(5):409–11

Endoscopic sensitivity in the detection of esophageal strictures. Ott DJ, et al. **J Clin Gastroenterol** 1985 Apr; 7(2):121–5

Endoscope assisted surgery for the treatment of bleeding esophageal varices. Yamamoto S, et al. **Jpn J Surg** 1984 Sep;14(5):371–6

Prophylactic endoscopic sclerotherapy of oesophageal varices. A prospective controlled study. Witzel L, et al. **Lancet** 1985 Apr 6;1(8432):773–5

Endoscopic findings in reflux esophagitis in childhood. Jaeger HD. **Prog Pediatr Surg** 1985;18:38–41

Esophageal varices: correlation of left gastric venography and endoscopy in patients with portal hypertension. Takashi M, et al. **Radiology** 1985 May;155(2):327–31

Routine endoscopy of the upper gastrointestinal tract in the evaluation of obstructive jaundice. Walsh DB, et al. **Surg Gynecol Obstet** 1985 Feb;160(2):142–4

Gastric tube oesophagoplasty for oesophageal atresia: a follow–up study. Part II: Radiologic, endoscopic and histologic controls. Pineschi A, et al. **Z Kinderchir** 1985 Feb;40(1):16–20

[Indications for esophagogastroduodenoscopy in children and adolescents] Sedláčková M, et al. **Cesk Pediatr** 1984 Nov; 39(11):667–8 **(Cze)**

[Bronchoscopy and esophagoscopy in children] Puhakka H. **Duodecim** 1985;101(7):711–20 **(Fin)**

[The value of fibroscopy in the diagnosis of tumors of the esophagus] Deltenre M, et al. **Acta Gastroenterol Belg** 1984 Mar–Apr;47(2):163–71 (Eng. Abstr.) **(Fre)**

[Cancer of the esophagus: early endoscopic diagnosis] Savary M. **Gastroenterol Clin Biol** 1985 Jan;9(1):7–9 **(Fre)**

[Endoscopic injection treatment in benign and malignant esophageal stenoses] Soehendra N, et al. **Dtsch Med Wochenschr** 1984 Dec 21;109(51–52):1973–5 **(Ger)**

[Esophagogastroduodenoscopy in ulcer disease] Bosseckert H. **Z Arztl Fortbild (Jena)** 1985;79(7):307–10 **(Ger)**

[Usefulness of endoscopy in portal hypertension] Angelini R, et al. **Ann Ital Chir** 1984;56(3):219–26 **(Ita)**

[Upper fiberendoscopy in hemorrhagic emergencies] Cipolletta L, et al. **Minerva Dietol Gastroenterol** 1985 Jan–Mar;31(1):21–4 (Eng. Abstr.) **(Ita)**

ADVERSE EFFECTS

Postendoscopy subconjunctival hemorrhage [letter] Pappas D, et al. **Gastrointest Endosc** 1984 Dec;30(6):375

[Electrocardiographic changes during esophagogastroduodenoscopy] Lombardi S, et al. **Minerva Cardioangiol** 1984 Sep;32(9):563–6 (Eng. Abstr.) **(Ita)**

INSTRUMENTATION

Emergent and therapeutic upper gastrointestinal endoscopy in children. Van Stiegmann G, et al. **World J Surg** 1985 Apr;9(2):294–9

[Adapters for the terminals of light–conducting cables from East Germany permitting the use of these cables with accessories and optical equipment manufactured by Wolf] Hofman V, et al. **Cesk Otolaryngol** 1985 Jul;34(4):253–5 **(Cze)**

[Current significance of tube endoscopies of the respiratory and digestive tracts] Brandt RH. **Z Arztl Fortbild (Jena)** 1984;78(14):597–8 **(Ger)**

[Experiences with a methodologic variant of fiberoptic sclerosing of esophageal varices] Schwenke E, et al. **Z Gesamte Inn Med** 1985 Feb 15;40(4):92–6 (Eng. Abstr.) **(Ger)**

[Bruning's esophagoscope with a fiber–optic light guide and optics from a Friedel's bronchoscope] Khlystov VN, et al. **Klin Khir** 1984 Oct;(10):75–6 **(Rus)**

METHODS

Endoscopy in the evaluation of dyspepsia. Health and Public

Policy Committee, American College of Physicians. **Ann Intern Med** 1985 Feb;102(2):266-9 (56 ref.)

Combined bronchoscopy and esophagoscopy using a flexible fiberoptic bronchoscope. Grannis FW Jr. **Chest** 1985 Feb; 87(2):261

Brush cytology for the early detection of esophageal carcinoma among patients with upper aerodigestive malignancies. Dowlatshahi K, et al. **Laryngoscope** 1985 Aug;95(8):971-5

[Preparation for esophagogastroduodenoscopy and care of the patient after the examination] Sedláčková M, et al. **Cesk Pediatr** 1984 Dec;39(12):736-8 **(Cze)**

[Fibroscopy and gastroesophageal reflux (letter)] Turck D, et al. **Arch Fr Pediatr** 1984 Oct;41(8):589-90 **(Fre)**

[Experiences with endoscopic sclerosing of esophageal varices] Zipprich B, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(5):209-18 (Eng. Abstr.) **(Ger)**

[Importance of chromoesophagoscopy in targeted biopsies of the esophagus] Argellati G, et al. **Minerva Med** 1984 Sep 29;75(37):2171-2 **(Ita)**

[Treatment of esophageal cancer by endoscopic administration of peplomycin ointment] Ohashi M, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2598-600 (Eng. Abstr.) **(Jpn)**

[Endoscopy methods in treating benign esophageal stenosis] Stanciu C, et al. **Rev Med Interne [Med Interna]** 1984 May-Jun;36(3):265-70 (Eng. Abstr.) **(Rum)**

ESOPHAGUS

Internal rewarming in hypothermia using a specially constructed gastro-oesophageal tube. A non-invasive method. Kristensen G, et al. **Acta Anaesthesiol Belg** 1984; 35 Suppl:175-7

Barium capsules. Danielson KS, et al. **AJR** 1985 Feb; 144(2):414

Diagnosis of aortic dissection by transesophageal echocardiography. Börner N, et al. **Am J Cardiol** 1984 Nov 1;54(8):1157-8

Stridor due to radiotransparent esophageal foreign body. Nussbaum E, et al. **Am J Dis Child** 1984 Nov; 138(11):1081-3

Airway control with the esophageal obturator airway [letter] Don Michael TA. **Am J Emerg Med** 1984 Mar;2(2):179-80

Removal of esophageal foreign bodies using a Foley catheter in adults. Ginaldi S. **Am J Emerg Med** 1985 Jan;3(1):64-6

Paramedic orotracheal intubation: a feasibility study. Guss DA, et al. **Am J Emerg Med** 1984 Sep;2(5):399-401

An unusual complication of balloon tamponade in the treatment of esophageal varices: a case report and brief review of the literature. Gossat D, et al. **Am J Gastroenterol** 1985 Aug;80(8):600-1

Evaluation of a gastric tube with esophageal balloon for neonatal use. Kaplan M, et al. **Am J Perinatol** 1984 Jul; 1(4):355-9

Management of esophageal dehiscences by an intraluminal bypass tube. An experimental study. Ravo B, et al. **Am J Surg** 1985 Jun;149(6):733-8

Foreign bodies of the esophagus. Chaikhouni A, et al. **Am Surg** 1985 Apr;51(4):173-9

Amplification of oesophageal sounds [letter] Buckley PM. **Anaesthesia** 1985 Jul;40(7):712

The one that got away: misplaced esophageal stethoscope. Kugler J, et al. **Anesthesiology** 1985 May;62(5):643-5

An unusual difficulty in fiberoptic intubation [letter] Moorthy SS, et al. **Anesthesiology** 1985 Aug;63(2):229

Airway obstruction with esophageal monitors in a patient with double aortic arch [letter] Moorthy SS, et al. **Anesthesiology** 1985 Oct;63(4):465

A standard comparison of esophageal obturator airway and endotracheal tube ventilation in cardiac arrest. Hammargren Y, et al. **Ann Emerg Med** 1985 Oct; 14(10):953-8

Airway management in potential cervical spine injury [letter] Leo JD. **Ann Emerg Med** 1984 Dec;13(12):1168-9

Fatal aspiration pneumonia caused by an esophageal foreign body. Mittelman M, et al. **Ann Emerg Med** 1985 Apr; 14(4):365-7

False aneurysm of the aorta secondary to an esophageal foreign body. Bullaboy CA, et al. **Ann Thorac Surg** 1985 Mar;39(3):275-6

Lower esophageal ring [letter] Silber W. **Ann Thorac Surg** 1984 Nov;38(5):536-7

A spiral-grooved endoesophageal tube for management of malignant esophageal obstruction. Wang PY, et al. **Ann Thorac Surg** 1985 Jun;39(6):503-7

Palliative intubation in inoperable esophageal neoplasms [editorial] Watson A. **Ann Thorac Surg** 1985 Jun; 39(6):501-2

'Esophageal Gastric Tube Airway'—a potential hazard [letter] Corke CF, et al. **Br J Anaesth** 1985 Sep;57(9):930-1

Unusual manifestation of esophageal foreign body [letter] Bigham M. **Can Med Assoc J** 1985 Jan 1;132(1):15

Comparison of the esophageal obturator airway and endotracheal intubation in prehospital ventilation during CPR. Michael TA. **Chest** 1985 Jun;87(6):814-9

Effect of delayed esophageal transit on acetaminophen absorption. Channer KS, et al. **Clin Pharmacol Ther** 1985 Jan;37(1):72-6

Pneumoperitoneum: an unusual manifestation of improper oral intubation [letter] Ballester EE, et al. **Crit Care Med** 1985 Feb;13(2):138-9

Seizures following oral lidocaine for esophageal anesthesia. Parish RC, et al. **Drug Intell Clin Pharm** 1985 Mar; 19(3):199-201

Bezoar of the esophagus occurring in achalasia [letter] Mamel JJ. **Gastrointest Endosc** 1984 Oct;30(5):317-8

Malignant esophagopulmonary fistula treated by fiberoptic intubation of a prosthesis. Valbuena J. **Gastrointest Endosc** 1985 Aug;31(4):281-3

A special maneuver for passage of the Sengstaken-Blakemore tube [letter] Wilcox GM, et al. **Gastrointest Endosc** 1984 Dec;30(6):377

Controlled trial of vasopressin and balloon tamponade in bleeding esophageal varices. Pinto Correia J, et al. **Hepatology** 1984 Sep-Oct;4(5):885-8

Steerable catheter fluoroscopy in total esophageal obstruction. Franic S, et al. **J Can Assoc Radiol** 1984 Dec; 35(4):399-400

Rotating probe for trans-oesophageal cross-sectional echocardiography. Bertini A, et al. **J Nucl Med Allied Sci** 1984 Apr-Jun;28(2):115-21

Seventeen-hour continuous esophageal pH monitoring in the newborn: evaluation of the influence of position in asymptomatic and symptomatic babies. Vandenplas Y, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):356-61

Foreign bodies in the cricopharyngeal region and oesophagus (a review of 226 cases). Nayak SR, et al. **J Postgrad Med** 1984 Oct;30(4):214-8

A Celestin bubble. An unusual cause of obstruction. Hamilton JR, et al. **J R Coll Surg Edinb** 1985 Feb;30(1):67-8

A field evaluation of the esophageal obturator airway [letter] **J Trauma** 1985 Jan;25(1):95-7

The esophageal obturator airway: obturator or obtundator? Gertler JP, et al. **J Trauma** 1985 May;25(5):424-6

Electrocardiography with a naso-oesophageal tube [letter] Higgins RM. **Lancet** 1985 Aug 24;2(8452):446

Management of perforations of the hypopharynx and cervical esophagus. Shockley WW, et al. **Laryngoscope** 1985 Aug; 95(8):939-41

Experience with the Celestin tube at William Beaumont Army Medical Center: a ten year review. Cavanaugh DG, et al. **Milit Med** 1985 Jun;150(6):321-2

Transesophageal echocardiography. Kaplan JA. **Mt Sinai J Med (NY)** 1984 Sep;51(5):592-4

Missing tooth. Leinback TE. **Oral Surg Oral Med Oral Pathol** 1985 Mar;59(3):319

A new method for securing oral esophageal tamponage tubes. Reines HD, et al. **Surg Gynecol Obstet** 1985 Sep; 161(3):280-1

Fiberendoscopic removal of foreign bodies of the upper part of the gastrointestinal tract. Ricote GC, et al. **Surg Gynecol Obstet** 1985 Jun;160(6):499-504

[Esophagogastric heterotopia in the skin of the shoulder] Dvořáček C. **Bratisl Lek Listy** 1984 Oct;82(4):1271-8 (Eng. Abstr.) **(Cze)**

[Chronic foreign bodies in the esophagus in children] Bednaříková L, et al. **Cesk Otolaryngol** 1985 Mar;34(2):96-9 (Eng. Abstr.) **(Cze)**

[Chronic foreign body in the esophagus of a 13-month-old child] Bohutová J, et al. **Cesk Radiol** 1984 Sep;38(5):313-8 (Eng. Abstr.) **(Cze)**

[Endoscopic problems of the hypopharynx and the upper end of the esophagus] Riedi J. **Schweiz Rundsch Med Prax** 1984 Sep 4;73(36):1076-9 (13 ref.) (Eng. Abstr.) **(Ger)**

[Occlusion of a malignant esophagobronchial fistula with an adhesive-anchored endoprosthesis] Straumann A, et al. **Schweiz Rundsch Med Prax** 1984 Sep 4;73(36):1086-7 (Eng. Abstr.) **(Ger)**

[Esophageal obstipation in the horse] Wolfers H, et al. **Tierarztl Prax** 1985;Suppl 1:108-11 (Eng. Abstr.) **(Ger)**

[Diagnostic and therapeutic consequences in suspected esophageal and airway foreign bodies] Reintanz G, et al. **Z Arztl Fortbild (Jena)** 1985;79(2):73-5 **(Ger)**

[Possibilities and limits of palliative endoscopic intubation] Fuchs KH, et al. **Zentralbl Chir** 1984;109(16):1081-6 **(Ger)**

[The use of a prosthetic tube with antireflux valve in esophageal obstruction] Cohen R, et al. **Harefuah** 1984 Nov 15;107(10):274-6 (Eng. Abstr.) **(Heb)**

[Statistical study in foreign bodies in our clinic for the past 51 years] Tsuruta Y, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Nov;87(11):1527-37 (Eng. Abstr.) **(Jpn)**

[Case of removal of persistent esophageal foreign body using a fiberscope] Czajkowski A, et al. **Wiad Lek** 1984 Dec 1; 37(23):1865-7 (Eng. Abstr.) **(Pol)**

[Long-term presence of an esophageal foreign body in a small child] Grzegorowski M, et al. **Wiad Lek** 1985 Mar 1; 38(5):389-91 (Eng. Abstr.) **(Pol)**

[Mediastinitis caused by a foreign body (letter)] Irony I, et al. **Rev Paul Med** 1984 Nov-Dec;102(6):283-4 **(Por)**

[Esophageal foreign body simulating clinical symptoms of foreign body of the respiratory tract] Archakova EV, et al. **Pediatriia** 1984 Sep;(9):74-5 **(Rus)**

[A method of endoscopic removal of foreign bodies from the esophagus, stomach and duodenum] Sotnikov VN. **Vestn Khir** 1985 Mar;134(3):110-3 **(Rus)**

[Esophageal stimulation: its usefulness in the diagnosis and treatment of cardiac arrhythmias] González Zuelgaray J, et al. **Arq Bras Cardiol** 1984 Aug;43(2):103-7 (Eng. Abstr.) **(Spa)**

ABNORMALITIES

VACTERL-association. Czeizel A, et al. **Acta Morphol Hung** 1984;32(2):75-96

Esophageal duplication cyst: CT and transesophageal needle aspiration. Kuhlman JE, et al. **AJR** 1985 Sep;145(3):531-2

Squamous cell carcinoma arising in a duplication cyst of the esophagus. Tapia RH, et al. **Am J Gastroenterol** 1985 May; 80(5):325-9

Esophageal web associated with Zenker's diverticulum: a possible cause of continuing dysphagia after diverticulectomy. Mercer CD, et al. **Can J Surg** 1985 Jul; 28(4):375-6

Esophageal duplication cyst containing a foreign body. Stringel G, et al. **Can Med Assoc J** 1985 Mar 1; 132(5):529-31

Esophageal scintigraphy. Esophageal bronchus. Sty JR, et al. **Clin Nucl Med** 1985 Feb;10(2):101-2

The association of spinal and gastroesophageal anomalies. Case report and review. Thurston SE, et al. **Clin Pediatr (Phila)** 1984 Nov;23(11):652-4

Laryngotracheoesophageal cleft in a newborn. Kauten JR, et al. **Int J Pediatr Otorhinolaryngol** 1984 Oct;8(1):61-71

A new type of laryngotracheoesophageal cleft with extended bronchoesophageal cleft. Ogawa T, et al. **J Pediatr Surg** 1985 Apr;20(2):164-6

Cystic duplications of the esophagus and neurenteric cysts. Superina RA, et al. **J Pediatr Surg** 1984 Oct;19(5):527-30

Phreno-oesophageal muscle anomaly or rudimentary oesophageal sphincter? Ashour M, et al. **J R Coll Surg Edinb** 1984 Nov;29(6):387-8

Pulmonary sequestration with congenital gastroesophageal communication. Report of two cases. Stanley P, et al. **Pediatr Radiol** 1985;15(5):343-5

Triplication of the esophagus with gastric duplication. Milsom J, et al. **Surgery** 1985 Jul;98(1):121-5

[Digestive duplications compressing the trachea and main bronchi] Balquet P. **Chir Pediatr** 1984;25(4-5):276-8 (Eng. Abstr.) **(Fre)**

[Esophageal duplication in adults and x-ray computed tomography] Vandermarcq P, et al. **J Radiol** 1984 Dec; 65(12):859-62 (Eng. Abstr.) **(Fre)**

[Esophageal stenosis caused by a mucosal ring in the middle third of the esophagus] Benenti C, et al. **Minerva Med** 1985 Feb 28;76(8):345-8 **(Ita)**

[Clinical significance of esophageal web in Plummer-Vinson syndrome] Okamura H, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 May;87(5):557-66 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Collagen in the esophageal mucosa of patients with progressive systemic sclerosis (PSS). Hendel L, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):480-4

Keratin expression in normal esophageal epithelium and squamous cell carcinoma of the esophagus. Grace MP, et al. **Cancer Res** 1985 Feb;45(2):841-6

Heterogeneity of muscarinic receptors in the guinea pig esophageal muscularis mucosae and ileal longitudinal muscle. Kamikawa Y, et al. **Gastroenterology** 1985 Mar; 88(3):706-16

The iridium/iridium oxide electrode for in vivo measurement of oesophageal and gastric pH. Papeschi G, et al. **J Med Eng Technol** 1984 Sep-Oct;8(5):221-3

[Combined esophageal and gastric pH measurement in the study of gastroesophageal reflux disease] Pucciani F, et al. **Clin Ter** 1985 Jan 15;112(1):3-8 (Eng. Abstr.) **(Ita)**

ANATOMY & HISTOLOGY

Ultrasound evaluation of the normal fetal upper airway and esophagus. Cooper C, et al. **J Ultrasound Med** 1985 Jul; 4(7):343-6

Esophageal imaging by MR and CT: study of normal anatomy and neoplasms. Quint LE, et al. **Radiology** 1985 Sep;156(3):727-31

[Morphology of the phrenoesophageal membrane] Groszek I, et al. **Gegenbaurs Morphol Jahrb** 1985;131(1):1-18 (Eng. Abstr.) **(Ger)**

[Intrinsic glands of the human esophagus] Vdovtseva VA, et al. **Arkh Anat Gistol Embriol** 1984 Sep;87(9):52-8 (Eng. Abstr.) **(Rus)**

BLOOD SUPPLY

A comparison of the therapeutic effects of gastroesophageal devascularization and portal systemic shunt in the treatment of portal hypertension. Lu EC, et al. **Acta Acad Med Wuhan** 1984;4(3):152-7

The venous architecture of the human pharyngo-esophageal transition. Tose D, et al. **Arch Ital Anat Embriol** 1984 Jul-Dec;89(3-4):157-65

Mucosal and submucosal veins of the human pharyngo-esophageal transition. Tose D, et al. **Arch Ital Anat Embriol** 1985 Jan-Mar;90(1):9-15

The venous anatomy of the lower oesophagus in normal subjects and in patients with varices: an image analysis study. Spence RA. **Br J Surg** 1984 Oct;71(10):739-44

Gastric mucosal lesions in cases of nonshunting procedures for esophageal varices. Kodama O, et al. **Hiroshima J Med Sci** 1985 Mar;34(1):151-4

Angioarchitectural study of esophageal varices. With special reference to variceal rupture. Noda T.

Virchows Arch [A] 1984;404(4):381-92

[A nonselective proximal end-to-side shunt between the gastric vein and the inferior vena cava (coronario-caval shunt). Indication, technic and results] Moreno Gonzáles E, et al. **Chirurg** 1984 Sep;55(9):575-8 (Eng. Abstr.) (Ger)

[Principles of vascular anatomy in esophagectomy without thoracotomy] Neff U, et al. **Helv Chir Acta** 1985 Jan; 51(6):737-41 (Eng. Abstr.) (Ger)

[Usefulness of computers in following-up patients after endoscopic sclerosis of esophageal varices. Evaluation of the results obtained in 103 patients followed up] Cusumano A, et al. **Minerva Chir** 1985 Feb 28;40(4):211-3 (Ita)

[Distribution of ethanolamine oleate after injection in esophageal varices] Sukigara M, et al. **Nippon Geka Gakkai Zasshi** 1984 Dec;85(12):1523-7 (Eng. Abstr.) (Jpn)

[Experimental studies on transabdominal mucosal transection of the esophagus for esophageal varices, with special reference to the blood flow of the lower esophagus and cardiac portion of the stomach] Takeuchi H. **Nippon Heikatsukin Gakkai Zasshi** 1984 Dec;20(6):455-69 (Eng. Abstr.) (Jpn)

[Comparison with percutaneous transhepatic embolization and endoscopic injection sclerotherapy in esophageal varices] Kimura K, et al. **Nippon Rinsho** 1984 Oct; 42(10):2332-6 (Jpn)

[Clinical studies of endoscopic embolization in esophageal varices] Suzuki H, et al. **Nippon Rinsho** 1984 Oct; 42(10):2327-31 (Jpn)

[Endoscopic embolization] Takase Y, et al. **Nippon Rinsho** 1984 Oct;42(10):2322-6 (Jpn)

[Esophageal mucosal blood flow in patients with liver cirrhosis] Shiomi M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Mar;82(3):518 (Jpn)

CYTOLOGY

The occurrence of serotonin-containing cells in the esophageal epithelium of the bullfrog Rana catesbeiana: a fluorescence histochemical and immunohistochemical study. Nada O, et al. **Histochemistry** 1984;81(2):115-8

Proliferative abnormalities of the oesophageal epithelium of Chinese populations at high and low risk for oesophageal cancer. Muñoz N, et al. **Int J Cancer** 1985 Aug 15; 36(2):187-9

Ultrastructural features and localization of the interstitial cells of Cajal in the smooth muscle coat of human esophagus. Faussone-Pellegrini MS, et al. **J Submicrosc Cytol** 1985 Apr;17(2):187-97

Gastro-esophageal cytology. Drake M. **Monogr Clin Cytol** 1985;10:1-267

Enterochromaffin cells in the rat gastrointestinal tract. Aspects of factors influencing quantification. Portela-Gomes GM, et al. **Ups J Med Sci** 1984; 89(3):189-203

DRUG EFFECTS

Capsaicin effects on muscularis mucosa of opossum esophagus: substance P release from afferent nerves? Robotham H, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G655-62

Hydrochloric acid. A trigger of cell proliferation in the esophagus of dogs. De Backer A, et al. **Dig Dis Sci** 1985 Sep;30(9):884-90

Enzymatic digestion of esophageal meat impaction. A study of Adolph's Meat Tenderizer. Goldner F, et al. **Dig Dis Sci** 1985 May;30(5):456-9

Influence of morphine on the distal oesophagus and the lower oesophageal sphincter--a manometric study. Dowlatshahi K, et al. **Gut** 1985 Aug;26(8):802-6

Effects of cisapride, a new gastrointestinal prokinetic substance, on interdigestive and postprandial motor activity of the distal oesophagus in man. Smout AJ, et al. **Gut** 1985 Mar;26(3):246-51

Effect of some beta-adrenergic blocking agents and related drugs on ciliary movement of frog's oesophagus. Alkondon M, et al. **Indian J Exp Biol** 1984 Jul;22(7):384-5

Effects of nifedipine in achalasia and patients with high-amplitude peristaltic esophageal contractions [letter] Román FJ, et al. **JAMA** 1985 Apr 12;253(14):2046-7

Contribution of trypsin and cholate to the pathogenesis of experimental alkaline reflux esophagitis. Salo JA, et al. **Scand J Gastroenterol** 1984 Oct;19(7):875-81

Effect of domperidone on gastro-oesophageal function in normal human subjects. Wallin L, et al. **Scand J Gastroenterol** 1985 Mar;20(2):150-4

[Glucagon and impacted food in the esophagus] Smith-Sivertsen C, et al. **Ugeskr Laeger** 1985 Jun 3; 147(23):1855 (Eng. Abstr.) (Dan)

EMBRYOLOGY

The esophageal glands in human fetuses and newborns. Lesisz I. **Folia Morphol** 1984;43(4):381-6

ENZYMOLOGY

Mediation of muscarinic stimulation of pepsinogen secretion in the frog. Inoue M, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G79-86

Purification and characterization of pregastric esterase from calf. Sweet BJ, et al. **Arch Biochem Biophys** 1984 Oct; 234(1):144-50

Differences in cytochrome c oxidase capacity in smooth muscle of opossum esophagus and lower esophageal sphincter. Robison BA, et al. **Gastroenterology** 1984 Nov; 87(5):1009-13

IMMUNOLOGY

Distribution of monkey esophagus antigens reactive with IgA-class antibodies in the sera of dermatitis herpetiformis patients. Kumar V, et al. **Arch Dermatol Res** 1984; 276(5):293-6

Calcitonin gene-related peptide immunoreactive sensory and motor nerves of the rat, cat, and monkey esophagus. Rodrigo J, et al. **Gastroenterology** 1985 Feb;88(2):444-51

INJURIES

Nonoperative treatment of subcervical oesophageal perforations after forced dilatation for nonmalignant disease. Haffner JF, et al. **Acta Chir Scand** 1984; 150(5):389-92

Repair of ruptured oesophagus. A case report. Tarkka M, et al. **Acta Chir Scand** 1985;151(4):385-7

Caustic burns of the oesophagus among children. Simon C, et al. **Acta Otorhinolaryngol Belg** 1984;38(3):302-6

Update on a new home hazard--the disc battery. Cramer R, et al. **Ala J Med Sci** 1984 Oct;21(4):431-2

Esophageal rupture complicating Heimlich maneuver. Haynes DE, et al. **Am J Emerg Med** 1984 Nov;2(6):507-9

Esophageal perforation following use of esophageal obturator airway (EOA). Hoffman JR, et al. **Am J Emerg Med** 1983 Nov;1(3):282-7

Caustic injury from household ammonia. Klein J, et al. **Am J Emerg Med** 1985 Jul;3(4):320

Esophageal burns from battery ingestion [letter] Langkau JF, et al. **Am J Emerg Med** 1985 May;3(3):265

Unifying concepts in treatment of esophageal leaks. Richardson JD, et al. **Am J Surg** 1985 Jan;149(1):157-62

Technique of avoiding esophageal burns [letter] Weis FR Jr, et al. **Anesthesiology** 1985 Mar;62(3):370

Blunt thorax oesophageal stripping: an emergency procedure for caustic ingestion. Brun JG, et al. **Br J Surg** 1984 Sep; 71(9):698-700

Broncho-gastric tube fistula as a complication of esophageal replacement. Stringer DA, et al. **J Can Assoc Radiol** 1985 Mar;36(1):61-2

Management of esophageal rupture and perforation. Ovrum E, et al. **J Oslo City Hosp** 1984 Oct;34(10):103-8

Management of blunt and penetrating external esophageal trauma. Glatterer MS Jr, et al. **J Trauma** 1985 Aug; 25(8):784-92

Esophageal rupture: complication of balloon dilatation. LaBerge JM, et al. **Radiology** 1985 Oct;157(1):56

Successful treatment of traumatic oesophageal rupture with severe cellulitis in a mare. Lunn DP, et al. **Vet Rec** 1985 May 18;116(20):544-5

[Injuries of the esophagus caused by the Sengstaken-Blakemore tube] Galatius H, et al. **Ugeskr Laeger** 1984 Sep 24;146(39):2942-3 (Eng. Abstr.) (Dan)

[Prevention of caustic stenoses of the esophagus with an intraesophageal mold] Harouchi A, et al. **Chir Pediatr** 1984; 25(6):317-24 (Eng. Abstr.) (Fre)

[An unusual case of Boerhave syndrome. Esophageal rupture during preparation for gastroscopy] Püschel K. **Dtsch Med Wochenschr** 1985 May 3;110(18):726-8 (Eng. Abstr.) (Ger)

[Esophageal rupture as a complication of the use of a Sengstaken-Blakemore tube] Stark P, et al. **Radiologe** 1985 Feb;25(2):76-7 (Eng. Abstr.) (Ger)

[Injuries of the esophagus] Hamann HJ, et al. **Z Arztl Fortbild (Jena)** 1984;78(18):771-4 (Ger)

[Difficulties in the treatment of combined burns of the esophagus and stomach] Chernousov AF, et al. **Khirurgiia (Mosk)** 1985 May;(5):51-4 (Eng. Abstr.) (Rus)

[Complications of selective proximal vagotomy] Nesterenko IuA, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):95-6 (Rus)

INNERVATION

Transneuronal degeneration in the heart and gastro-oesophageal junction in the monkey (Macaca fascicularis) following unilateral vagotomy. Wong WC, et al. **Ann Acad Med Singapore** 1985 Jan;14(1):123-7

Role of glossopharyngeal nerve on the control of pigeon cervical esophagus motility. Postorino A, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2303-8

The origins of innervation of the esophagus of the dog. Hudson LC, et al. **Brain Res** 1985 Feb 4;326(1):125-36

Vagal and gastric connections to the central nervous system determined by the transport of horseradish peroxidase. Scharoun SL, et al. **Brain Res Bull** 1984 Oct;13(4):573-83

Unusual potassium channels mediate nonadrenergic noncholinergic nerve-mediated inhibition in opossum esophagus. Jury J, et al. **Can J Physiol Pharmacol** 1985 Feb;63(2):107-12

Afferent innervation of the lower esophageal sphincter of the cat. Pathways and functional characteristics. Clerc N. **J Auton Nerv Syst** 1984 May-Jun;10(3-4):213-6

Swallow-evoked action potentials in vagal preganglionic efferents. Gidda JS, et al. **J Neurophysiol** 1984 Dec; 52(6):1169-80

Light and electron microscopic studies of perineural invasion by esophageal carcinoma. Takubo K, et al. **JNCI** 1985 May; 74(5):987-93

[Effect of selective proximal vagotomy on the function of the physiologic cardia] Pomelov VS, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):25-31 (Eng. Abstr.) (Rus)

METABOLISM

Bile acid efflux precedes mucosal barrier disruption in the rabbit esophagus. Schweitzer EJ, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):G480-5

Esophageal microsomal metabolism of N-nitrosomethylbenzylamine in the zinc-deficient rat. Barch DH, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5629-33

Beta- to omega-hydroxylation of the esophageal carcinogen methyl-n-amylnitrosamine by the rat esophagus and related tissues. Mirvish SS, et al. **Cancer Res** 1985 Feb; 45(2):577-83

Effect of chronic ethanol consumption on activation of nitrosopyrrolidine to a mutagen by rat upper alimentary tract, lung, and hepatic tissue. Farinati F, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):210-4

Quantitation of esophageal transit by means of 81mKr. Han HR, et al. **Eur J Nucl Med** 1984;9(8):362-5

Inhibition of target tissue activation of N'-nitrosonornicotine and N-nitrosopyrrolidine by dietary components. Chung FL, et al. **IARC Sci Publ** 1984;(57):797-804

Influence of disulfiram on the metabolism of N-nitrosodiethylamine. Frank N, et al. **IARC Sci Publ** 1984; (57):519-23

The accuracy of abbreviated esophageal pH monitoring in children. Jolley SG, et al. **J Pediatr Surg** 1984 Dec; 19(6):848-54

The effect of formulation on oesophageal transit. Channer KS, et al. **J Pharm Pharmacol** 1985 Feb;37(2):126-9

Mural collagen in experimental reflux esophagitis in rats. Mud HJ, et al. **J Surg Res** 1985 Feb;38(2):97-104

The effects of S9 mix from rat oesophagus, salivary gland, and liver on the mutagenicity of the rat oesophageal carcinogen N-nitroso-N-methylaniline in the Salmonella typhimurium assay. Anderson D, et al. **Mutat Res** 1985 Jan-Feb;142(1-2):13-8

Diffusion of chloride ions in the mucus on the oesophagus of Enophrys bison, a marine teleost fish. Shepard KL. **Pflugers Arch** 1984 Oct;402(2):207-10

[A study on reflux esophagitis in progressive systemic sclerosis (PSS): second report. Nocturnal gastroesophageal motility and esophageal pH in supine position] Matsuzaki T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May; 82(5):1300-7 (Eng. Abstr.) (Jpn)

MICROBIOLOGY

Microbial colonization of the oropharynx, esophagus and stomach in patients with gastric diseases. Sjöstedt S, et al. **Eur J Clin Microbiol** 1985 Feb;4(1):49-51

Isolation of Exophiala jeanselmei associated with esophageal pathology--three cases, laboratory and clinical features. Sautter RE, et al. **Mycopathologia** 1984 Aug 30; 87(1-2):105-9

PARASITOLOGY

Comparison of two techniques used for the recovery of nematode infective larvae from pasture. Gettinby G, et al. **Res Vet Sci** 1985 Jul;39(1):99-102

PATHOLOGY

Junctions between intraepithelial carcinoma and non-neoplastic tissue of the esophagus. Light and electron microscopic studies. Takubo K, et al. **Acta Pathol Jpn** 1984 Jul;34(4):785-96

Esophageal foreign body extraction [letter] Binder LS. **Am J Emerg Med** 1985 Jul;3(4):371-2

Adenocarcinoma in columnar-lined Barrett's esophagus. Analysis of 13 esophagectomies. Saubier EC, et al. **Am J Surg** 1985 Sep;150(3):365-9

Intraepithelial eosinophils in endoscopic biopsies of adults with reflux esophagitis. Brown LF, et al. **Am J Surg Pathol** 1984 Dec;8(12):899-905

Gastroesophageal sphincter pressure and histological changes in distal esophagus in patients with achalasia of the esophagus. Csendes A, et al. **Dig Dis Sci** 1985 Oct; 30(10):941-5

Histological appearances of oesophagus, antrum and duodenum and their correlation with symptoms in patients with a duodenal ulcer. Earlam RJ, et al. **Gut** 1985 Jan; 26(1):95-100

Primary liver cancer and oesophageal basal cell hyperplasia in rats caused by Fusarium moniliforme. Marasas WF, et al. **Int J Cancer** 1984 Sep 15;34(3):383-7

Expression of specific keratin markers by rabbit corneal, conjunctival, and esophageal epithelia during vitamin A deficiency. Tseng SC, et al. **J Cell Biol** 1984 Dec; 99(6):2279-86

Incidence and significance of a widened esophageal hiatus at CT scan. Ginalski JM, et al. **J Clin Gastroenterol** 1984 Oct;6(5):467-70

Manometric guidance in suction biopsy of the esophagus in children. Whitington PF, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):535-8

Evaluation of brush cytology as an independent technique for detection of esophageal carcinoma. Dowlatshahi K, et al. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):848–51

Oesophageal lesions at autopsy in black children. Hamilton D, et al. **S Afr Med J** 1985 Sep 14;68(6):407–8

[Preliminary investigation of the esophageal epithelial cells in members of families with high and low incidence of esophageal cancer] He LJ. **Chung Hua Chung Liu Tsa Chih** 1985 May;7(3):178–80 (Eng. Abstr.) **(Chi)**

[Various visceral changes in scleroderma] Moroni P, et al. **G Ital Dermatol Venereol** 1984 Jul–Aug;119(4):275–7 (Eng. Abstr.) **(Ita)**

[Clinicopathological studies on esophageal cancer using iodine-stained preparations––with special reference to the secondary lesions of resected specimens] Suenaga H. **Igaku Kenkyu** 1984 Mar;54(2):186–202 (Eng. Abstr.) **(Jpn)**

[Pathology of the artificial esophagus made of skin] Sapozhnikova MA, et al. **Arkh Patol** 1985;47(2):29–35 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Non-invasive assessment of oesophageal transit. Ell PJ. **Acta Med Port** 1985 Feb;6(2):67–9

The effects of swallowing frequency and transdermal scopolamine on esophageal acid clearance. Allen ML, et al. **Am J Gastroenterol** 1985 Sep;80(9):669–72

Electrical properties of smooth muscle cell membrane of opossum esophagus. Kannan MS, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G342–6

Swallowing induces sequential activation of esophageal longitudinal smooth muscle. Sugarbaker DJ, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):G515–9

Development of esophageal function. Diamant NE. **Am Rev Respir Dis** 1985 May;131(5):S29–32

Primary peristalsis in pigeon cervical oesophagus: two EMG patterns. Fileccia R, et al. **Arch Int Physiol Biochim** 1984 Oct;92(3):185–94

An improved esophageal insufflation test. Blom ED, et al. **Arch Otolaryngol** 1985 Apr;111(4):211–2

Electromyographic study of the cat's diaphragm during oesophageal distension. Aziz HA, et al. **Aust Vet J** 1984 Aug;61(8):254–6

Contribution of peripheral and central mechanisms to the oesophageal primary peristalsis. Postorino A, et al. **Boll Soc Ital Biol Sper** 1985 May 30;61(5):727–33

Antipyrine absorption after delayed oesophageal capsule transit. Channer KS, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):250–3

Oesophageal peristalsis in the cat: the role of central innervation assessed by transient vagal blockade. Reynolds RP, et al. **Can J Physiol Pharmacol** 1985 Feb;63(2):122–30

A simple data display for qualitative assessment of esophageal transit. Ham HR, et al. **Clin Nucl Med** 1985 Jul;10(7):483–5

Esophageal and other condensed dynamic images. Klein HA. **Clin Nucl Med** 1985 Jul;10(7):530–1

Oesophageal manometry. A comparison of hydraulic and syringe catheter infusion systems using a simple hydrostatic bench model. Byrne PJ, et al. **Clin Phys Physiol Meas** 1984 Aug;5(3):185–91

Regional gradient of initial inhibition and refractoriness in esophageal smooth muscle. Gidda JS, et al. **Gastroenterology** 1985 Oct;89(4):843–51

Double-peaked contraction waves––a variant of normal [letter] Richter JE, et al. **Gastroenterology** 1985 Aug;89(2):479–80

The effects of acute oesophageal distension on arterial blood pressure, E.C.G. and respiration in dog. Satpathy NK, et al. **Indian J Physiol Pharmacol** 1984 Apr–Jun;28(2):105–14

Human esophageal pressures and chest wall configuration in upright and head-down posture. Clarysse I, et al. **J Appl Physiol** 1985 Aug;59(2):401–7

Differential effect of botulinal toxin on esophageal motor function in infants. Cannon RA. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):563–7

Autonomic regulation of mucociliary transport rate in the oesophagus of the frog, Rana temporaria. Morley J, et al. **J Physiol (Lond)** 1984 Aug;353:93–9

Esophageal insufflation testing in nonlaryngectomized adults [letter] Singer MI, et al. **J Speech Hear Disord** 1985 Aug;50(3):287–8

Evaluation of intraluminal EMG electrodes for the oesophagus and gastrointestinal tract. Pope CE 2nd, et al. **Med Biol Eng Comput** 1984 Sep;22(5):461–4

Intraoperative esophageal electrocardiography. Kates RA. **Mt Sinai J Med (NY)** 1984 Sep;51(5):573–7

Muscarinic activation of rhombencephalic neurones controlling oesophageal peristalsis in the rat. Bieger D. **Neuropharmacology** 1984 Dec;23(12A):1451–64

Oesophageal transit of liquid: effects of single or multiple swallows. Ham HR, et al. **Nucl Med Commun** 1985 May;6(5):263–7

Gastro-oesophageal reflux scintigraphy compared with pH probe monitoring. Martins JC, et al. **Nucl Med Commun** 1984 Apr;5(4):201–4

Elastic properties of the oesophageal wall in the dynamic measurement of intrathoracic pressure in cattle. Lekeux P, et al. **Res Vet Sci** 1984 Nov;37(3):366–7

[Origin of the secondary peristalsis of the esophagus in sheep] Boivin R, et al. **C R Soc Biol (Paris)** 1984;178(6):651–8 (Eng. Abstr.) **(Fre)**

[Characteristics of esophageal antiperistaltic activity in sheep] Peralta FE, et al. **J Physiol (Paris)** 1985;80(1):8–19 (Eng. Abstr.) **(Fre)**

[Presentation of a new instrument for the prolonged monitoring (24 hrs.) of endoesophageal pH, based on microprocessor technologies] Zaninotto G, et al. **Minerva Med** 1984 Oct 13;75(39):2301–4 (Eng. Abstr.) **(Ita)**

[Effects of heart rate on evaluation of intra-esophageal pressure by conventional methods] Shiraishi K, et al. **Kokyu To Junkan** 1984 Nov;32(11):1167–71 **(Jpn)**

PHYSIOPATHOLOGY

Oesophageal motility after sclerotherapy for bleeding varices. Söderlund C, et al. **Acta Chir Scand** 1985;151(3):249–53

Esophageal manometry in familial amyloid polyneuropathy. Burakoff R, et al. **Am J Med** 1985 Jul;79(1):85–9

Effect of obesity on esophageal transit. Mercer CD, et al. **Am J Surg** 1985 Jan;149(1):177–81

Cricoid compression is effective in obliterating the esophageal lumen in the presence of a nasogastric tube. Salem MR, et al. **Anesthesiology** 1985 Oct;63(4):443–6

Scleroderma and the esophagus [letter] Bassotti G, et al. **Ann Intern Med** 1985 Jul;103(1):154–5

Oesophageal dysfunction in patients with primary Sjögren's syndrome. Tsianos EB, et al. **Ann Rheum Dis** 1985 Sep;44(9):610–3

Esophageal emptying and acid neutralization in patients with symptoms of esophageal reflux. Ferguson MK, et al. **Ann Surg** 1985 Jun;201(6):728–35

Esophageal motility disorders and chest pain [clinical conference] Clouse RE, et al. **Arch Intern Med** 1985 May;145(5):903–6

Esophageal motor dysfunction in an adult with a congenital tracheoesophageal fistula. Gundry SR, et al. **Arch Surg** 1985 Sep;120(9):1082–3

The effect of domperidone on oesophageal emptying in diabetic autonomic neuropathy. Maddern GJ, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):441–4

Clinical applications of oesophageal motility studies? Blackwell JN, et al. **Br J Hosp Med** 1984 Nov;32(5):267–71

Prolonged ambulatory pH monitoring in patients following oesophageal transection and control subjects. Spence RA, et al. **Br J Surg** 1985 Feb;72(2):99–101

Esophageal motor function and response to acid perfusion in patients with symptomatic reflux esophagitis. Burns TW, et al. **Dig Dis Sci** 1985 Jun;30(6):529–35

Primary oesophageal motility disorders. Current therapeutic concepts. Traube M, et al. **Drugs** 1985 Jul;30(1):66–77 (54 ref.)

Manometric study and prolonged pH monitoring of esophagus in patients with hiatus hernia before and after operation. Iwai N, et al. **Gastroenterol Jpn** 1984 Aug;19(4):307–12

Comparative esophageal and anorectal motility in scleroderma. Hamel-Roy J, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):1–7

Multipeaked esophageal peristaltic pressure waves in patients with diabetic neuropathy. Loo FD, et al. **Gastroenterology** 1985 Feb;88(2):485–91

Manometric evaluation of functional upper gut symptoms. Malagelada JR, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1223–31

Pharyngoesophageal interrelationships: observations and working concepts. Jones B, et al. **Gastrointest Radiol** 1985;10(3):225–33

Oesophageal motor events at the occurrence of acid reflux and during endogenous acid exposure in healthy subjects and in patients with oesophagitis. Baldi F, et al. **Gut** 1985 Apr;26(4):336–41

The effect of chick embryo hyperflexion on tracheoesophageal development. Kleckner SC, et al. **J Pediatr Surg** 1984 Aug;19(4):340–4

Are esophageal motility abnormalities produced during the intraesophageal acid perfusion test? Richter JE, et al. **JAMA** 1985 Apr 5;253(13):1914–7

Oesophageal stimulation lowers exertional angina threshold. Davies HA, et al. **Lancet** 1985 May 4;1(8436):1011–4

Physiology and pathophysiology of the esophagus in childhood. Höllwarth M, et al. **Prog Pediatr Surg** 1985;18:1–13 (29 ref.)

Esophageal dysfunction and bronchial asthma. Kjellén G. **Prog Pediatr Surg** 1985;18:62–7

Scintigraphy, radiography, and acid clearing in dysphagia patients after anti-reflux surgery. Kjellén G, et al **Scand J Gastroenterol** 1984 Nov;19(8):1022–6

Esophageal motility: effects of injection sclerotherapy. Larson GM, et al. **Surgery** 1984 Oct;96(4):703–10

[Progressive systemic sclerosis (scleroderma) of the esophagus. Manometry and pH monitoring] Hendel L, et al. **Ugeskr Laeger** 1984 May 28;146(22):1644–6 (Eng. Abstr.) **(Dan)**

[Manometry of the esophagus in generalized scleroderma] Ravnsbaek J, et al. **Ugeskr Laeger** 1985 Jan 28;147(5):402–5 (Eng. Abstr.) **(Dan)**

[Esophageal motility, systemic scleroderma and Raynaud's phenomenon] Gosselin A. **Gastroenterol Clin Biol** 1985 Feb;9(2):127–9 **(Fre)**

[Esophageal motility in Raynaud's disease, systemic scleroderma and presclerodermal Raynaud's syndrome] Hostein J, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):130–5 (Eng. Abstr.) **(Fre)**

[Comparison of 3 methods of recording esophageal pH in the diagnosis of gastroesophageal acid reflux] Ottignon Y, et al. **Gastroenterol Clin Biol** 1984 Aug–Sep;8(8–9):609–15 (Eng. Abstr.) **(Fre)**

[Esophageal pressure measurements in newborn infants within the scope of respiratory mechanical studies] Lamme W, et al. **Padiatr Grenzgeb** 1985;24(4):265–76 (Eng. Abstr.) **(Ger)**

[Examination of esophageal function in diabetics by dynamic scintigraphy] Tornóczky J, et al. **Orv Hetil** 1985 May 19;126(20):1217–22 (Eng. Abstr.) **(Hun)**

[Usefulness of the combination of the dynamic electrocardiogram with esophageal pH measurement in the differential diagnosis of chest pain] Torre F, et al. **G Ital Cardiol** 1984 Dec;14(12):982–9 (Eng. Abstr.) **(Ita)**

[Diagnosis and follow-up of sclerodermatous esophagopathy by electromanometry] Delfino M, et al. **G Ital Dermatol Venereol** 1984 Jul–Aug;119(4):271–4 (Eng. Abstr.) **(Ita)**

[Dyskinetic pathology of the esophagus in progressive systemic sclerosis] Peserico A, et al. **G Ital Dermatol Venereol** 1984 Jul–Aug;119(4):279–80 (Eng. Abstr.) **(Ita)**

[Esophageal changes in scleroderma] Pisani M, et al. **G Ital Dermatol Venereol** 1984 Jul–Aug;119(4):281–6 (Eng. Abstr.) **(Ita)**

[Role of esophageal manometry in the diagnosis and developmental control of scleroderma] Balanzoni S, et al. **Minerva Dietol Gastroenterol** 1985 Apr–Jun;31(2):183–90 (Eng. Abstr.) **(Ita)**

[Esophageal motor changes in patients with Raynaud's phenomenon and suspected scleroderma. Electromanometric and serologic evaluations] Benevento A, et al. **Minerva Med** 1984 Sep 29;75(37):2111–8 (Eng. Abstr.) **(Ita)**

[Effect of a slipped hiatal hernia on the activity of the lower esophageal sphincter and of the abdominal portion of the esophagus. A pH–manometric study] Fei L, et al. **Minerva Med** 1984 Sep 29;75(37):2155–60 **(Ita)**

[Esophageal transmucosal potential difference in patients with peptic and alkaline esophagitis] Izzo G, et al. **Minerva Med** 1984 Sep 29;75(37):2161–6 **(Ita)**

[Findings on the behavior of the esophagus after selective and superselective truncal vagotomy. Experience with 200 cases] Micheletto G, et al. **Minerva Med** 1984 Sep 29;75(37):2129–34 **(Ita)**

[Experimental and clinical studies of gastroesophageal reflux (GER) in infants] Watanabe Y. **Nippon Heikatsukin Gakkai Zasshi** 1983 Dec;19(6):471–81 (Eng. Abstr.) **(Jpn)**

[Pharyngo–esophageal time in Chagas esophageal disease] Dantas RO, et al. **Arq Gastroenterol** 1984 Jan–Mar;21(1):13–6 (Eng. Abstr.) **(Por)**

[Continuous evaluation of esophageal pH for 24 hours and its use in the diagnosis of gastroesophageal reflux] Henry MA. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Sep–Oct;39(5):203–7 (Eng. Abstr.) **(Por)**

[Study of esophageal dynamics by scintigraphy as a possible method for the early diagnosis of aperistalsis in patients with Chagas' disease] Marioni Filho H, et al. **Rev Inst Med Trop Sao Paulo** 1984 May–Jun;26(3):130–8 (Eng. Abstr.) **(Por)**

[Esophageal motor disorders in epiphrenic esophageal diverticula] Stanciu C, et al. **Rev Chir [Otorinolaringol]** 1984 Jul–Sep;29(3):221–4 (Eng. Abstr.) **(Rum)**

[Gastrointestinal involvement in progressive systemic sclerosis] Alvarez MG, et al. **Acta Gastroenterol Latinoam** 1984;14(4):295–302 (Eng. Abstr.) **(Spa)**

[Diltiazem in esophageal motility disorders] Naveiro JJ. **Acta Gastroenterol Latinoam** 1984;14(2):117–25 (Eng. Abstr.) **(Spa)**

[Clinical value of intraesophageal pH measurement in children. Experience in 235 cases] Gil-Vernet J, et al. **An Esp Pediatr** 1984 Aug;21(2):125–31 (Eng. Abstr.) **(Spa)**

[Manometry of the esophagus in patients with upper digestive manifestations] Ramírez Mata M, et al. **Rev Invest Clin** 1984 Apr–Jun;36(2):121–3 (Eng. Abstr.) **(Spa)**

RADIATION EFFECTS

Gastroesophageal scintigraphy and endoscopy in the diagnosis of esophageal reflux and esophagitis. Fung WP, et al. **Am J Gastroenterol** 1985 Apr;80(4):245–7

[Endoscopic and biopsy findings in the esophageal, gastric and duodenal mucosa before and after radiotherapy for Hodgkin's disease] Slanina J, et al. **Strahlentherapie** 1985 Apr;161(4):216–20 (Eng. Abstr.) (Ger)

RADIOGRAPHY

A cineradiographic method for recording the function of the oesophageal groove in lambs. Koper S, et al. **Acta Physiol Pol** 1983 Sep–Dec;34(5–6):539–45

Esophageal perforation during double-contrast esophagram. Rohrmann CA Jr, et al. **AJR** 1985 Aug;145(2):283–4

Fiberoptic guide for endotracheal intubation [letter] Milstein JM. **Am J Dis Child** 1985 May;139(5):442–3

Coin ingestion: does every child need a radiograph? Hodge D 3d, et al. **Ann Emerg Med** 1985 May;14(5):443–6

Intrathoracic bezoar visible on chest radiograph. Ford PM, et al. **Br J Radiol** 1984 Oct;57(682):929–32

NEWARK PUBLIC LIBRARY

Lipoma of the esophagus. Zonderland HM, et al. **Diagn Imag Clin Med** 1984;53(5):265-8

Barium granuloma of gastroesophageal junction causing progressive dysphagia. Solc P, et al. **Dtsch Z Verdau Stoffwechselkr** 1985;45(1):27-30

Significance of diffuse granularity and nodularity of the esophageal mucosa at double-contrast radiography. Graziani L, et al. **Gastrointest Radiol** 1985;10(1):1-6

A new barium paste for computed tomography of the esophagus. Cayea PD, et al. **J Comput Assist Tomogr** 1985 Jan-Feb;9(1):214-6

The esophagus and stomach after proximal gastric vagotomy. Smith HJ, et al. **Mt Sinai J Med (NY)** 1984 Jul-Aug; 51(4):417-20

Double contrast cervical esophagography: use of a specially designed cup to aid double-contrast cervical esophagography. Hada M, et al. **Radiat Med** 1983 Jul-Sep; 1(3):211-5

Esophageal speech: double-contrast evaluation of the pharyngo-esophageal segment. Gatenby RA, et al. **Radiology** 1985 Oct;157(1):127-31

Dysphagia in patients with gastric cancer and a normal esophagram. Halpert RD, et al. **Radiology** 1985 Mar; 154(3):589-91

Transverse esophageal folds: association with corrosive injury. Reeder JD, et al. **Radiology** 1985 May;155(2):303-4

[Progressive systemic sclerosis (scleroderma) of the esophagus. A radiologic assessment] Dirksen KL, et al. **Ugeskr Laeger** 1984 May 28;146(22):1641-3 (Eng. Abstr.) **(Dan)**

[Radiography of the esophagus in suspicion of foreign body] Lindequist S, et al. **Ugeskr Laeger** 1985 Feb 25; 147(9):788-90 (Eng. Abstr.) **(Dan)**

[A method of intramural lymphography of the esophagus and stomach] Rizaev MN, et al. **Radiol Diagn (Berl)** 1984; 25(3):259-65 (Eng. Abstr.) **(Ger)**

[The sclerodermatous esophagus: clinical and radiologic aspects] Feliciangeli M, et al. **G Ital Dermatol Venereol** 1984 Jul-Aug;119(4):267-70 (Eng. Abstr.) **(Ita)**

[Radiological examination of esophagoplasty interventions for esophageal cancer] Muzzio PC, et al. **Radiol Med (Torino)** 1984 Jun;70(6):379-87 (Eng. Abstr.) **(Ita)**

[Computed tomography of esophageal cancer--CT classification and diagnosis of metastasis] Ushio K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jun 25; 44(6):800-22 (Eng. Abstr.) **(Jpn)**

[Esophago-hypopharyngeal barium study with laryngo-hypopharyngeal discomfort--usefulness of rapid sequence camera] Tanaka M, et al. **Rinsho Hoshasen** 1984 May;29(5):565-70 (Eng. Abstr.) **(Jpn)**

RADIONUCLIDE IMAGING

Esophageal radionuclide transit tests. Potential false-positive results. Blackwell JM, et al. **Clin Nucl Med** 1984 Dec; 9(12):679-83

Esophageal contribution to 'clearance' of pulmonary aerosols. Karimeddini MK, et al. **Clin Nucl Med** 1985 Feb;10(2):114

Radionuclide esophageal transit (RET) study. The effect of body posture. Lamki L. **Clin Nucl Med** 1985 Feb; 10(2):108-10

Gastroesophageal reflux and transit scintigraphy: a comparison with esophageal biopsy in patients with heartburn. Styles CB, et al. **J Can Assoc Radiol** 1984 Jun; 35(2):124-7

Computer analysis of radionuclide esophageal transit studies [letter] Ham HR, et al. **J Nucl Med** 1985 Apr;26(4):429-30

Scintigraphic evaluation of the esophageal transit time for the noninvasive assessment of esophageal motor disorders. De Vincentis N, et al. **J Nucl Med Allied Sci** 1984 Jul-Sep; 28(3):137-42

Evaluation of esophageal transit in children and in infants by means of Krypton-81m. Ham HR, et al. **Pediatr Radiol** 1985;15(3):161-4

[Gastro-esophageal reflux. Comparison between 2 technics: scan and continuous monitoring of pH] Martins JC, et al. **Acta Med Port** 1985 Feb;6(2):71-4 (Eng. Abstr.) **(Por)**

[Esophageal scintigraphy in the evaluation of motor disorders of the esophagus] Velasco N, et al. **Rev Med Chil** 1983 Jul;111(7):654-9 (Eng. Abstr.) **(Spa)**

SECRETION

Effects of ionophore A23187 and lanthanum on pepsinogen secretion from frog esophageal mucosa in vitro. Fong JC. **Biochim Biophys Acta** 1985 Apr 11;814(2):356-62

SURGERY

Esophagectomy and colon interposition for benign esophageal stricture. Negre J, et al. **Acta Chir Scand** 1984; 150(8):639-42

Revascularized jejunal graft replacing the cervical esophagus: radiographic evaluation. Williford ME, et al. **AJR** 1985 Sep;145(3):533-6

Microvascular free tissue transfer in head and neck and esophageal surgery. Tabah RJ, et al. **Am J Surg** 1984 Oct; 148(4):498-504

Late problems after pharyngolaryngoesophagectomy and pharyngogastric anastomosis for cancer of the larynx and hypopharynx. Wei WI, et al. **Am J Surg** 1984 Oct; 148(4):509-13

Esophagogastrostomy using the EEA stapling instrument. Ferguson CM. **Am Surg** 1985 Apr;51(4):223-5

Milestones in modern plastic surgery. A two-stage method for pharyngoesophageal reconstruction with a primary pectoral skin flap. By V.K. Bakamjian. 1965. **Ann Plast Surg** 1984 Sep;13(3):243-52

Postfundoplication symptoms: do they restrict the success of the Nissen fundoplication? [letter] Garcia-Rinaldi R. **Ann Surg** 1984 Nov;200(5):682

Transoral cervical esophagogastrostomy using the EEA stapling device. Ancalmo N, et al. **Ann Thorac Surg** 1985 Apr;39(4):387

Reflux control by fundoplication: a clinical and manometric assessment of the Nissen operation. Ellis FH Jr, et al. **Ann Thorac Surg** 1984 Oct;38(4):387-92

Esophagogastrectomy as palliative treatment for esophageal carcinoma: results obtained in the setting of a thoracic surgery residency program. Keagy BA, et al. **Ann Thorac Surg** 1984 Dec;38(6):611-6

Reversible total esophageal exclusion. Lewis RJ, et al. **Ann Thorac Surg** 1985 May;39(5):476-7

Tube esophagostomy. A new technique in the management of long-term swallowing disorders. Tucker HM, et al. **Arch Otolaryngol** 1985 Mar;111(3):187-9

The floppy Nissen fundoplication. Effective long-term control of pathologic reflux. Donahue PE, et al. **Arch Surg** 1985 Jun;120(6):663-8

One-stage ante-thoracic reconstruction of the thoracic oesophagus using myocutaneous flaps. Miyamoto Y, et al. **Br J Plast Surg** 1984 Oct;37(4):577-9

Prevention and treatment of intestinal dehiscence by an intraluminal bypass graft. Ger R, et al. **Br J Surg** 1984 Sep;71(9):726-9

Profound endoesophageal cryotherapy. Rodgers BM, et al. **Cryobiology** 1985 Feb;22(1):86-92

Gastric interposition following transhiatal esophagectomy: radiographic evaluation. Agha FP, et al. **Gastrointest Radiol** 1985;10(1):17-24

Complications associated with free jejunal graft reconstruction of the pharyngoesophagus--a multiinstitutional experience with 52 cases. Gluckman JL, et al. **Head Neck Surg** 1985 Jan-Feb;7(3):200-5

Influence of esophageal transection for esophageal varices on serum bile acid level. Murata N, et al. **Hepatogastroenterology** 1984 Aug;31(4):164-7

Esophagectomy without thoracotomy: a critical approach [letter] Cardus JA, et al. **Int Surg** 1984 Oct-Dec; 69(4):369-70

Neoglottis phonatoria. 106 cases of a one-stage surgical procedure for vocal rehabilitation after laryngectomy. Pardiwala H, et al. **J Laryngol Otol** 1984 Dec;98(12):1231-5

The Thal fundoplication for gastroesophageal reflux. Ashcraft KW, et al. **J Pediatr Surg** 1984 Aug;19(4):480-3

Transcervical myotomy for wide-gap esophageal atresia. Hoffman DG, et al. **J Pediatr Surg** 1984 Dec;19(6):680-2

A procedure to elongate the stomach tube in the esophageal replacement. Kijima M, et al. **Jpn J Surg** 1984 Sep; 14(5):360-5

Reconstruction of the laryngopharynx and cervical esophagus. Fabian RL. **Laryngoscope** 1984 Oct; 94(10):1334-50

Modified tracheoesophageal diversion for chronic aspiration. Krespi YP, et al. **Laryngoscope** 1984 Oct;94(10):1298-301

Immediate reconstruction after total laryngopharyngoesophagectomy and mediastinal dissection. Krespi YP, et al. **Laryngoscope** 1985 Feb; 95(2):156-61

Newer technique of tracheoesophageal fistula for vocal rehabilitation after total laryngectomy. Maniglia AJ. **Laryngoscope** 1985 Sep;95(9 Pt 1):1064-6

Primary tracheoesophageal fistula formation for feeding and voice rehabilitation. Shagets FW, et al. **Laryngoscope** 1985 Aug;95(8):1001-3

Evaluation of the carbon dioxide laser for performance of gastrointestinal myotomies. LoCicero J 3d, et al. **Lasers Surg Med** 1985;5(4):423-7

Risks in transthoracic esophageal transection--score for predicting operative mortality. Onitsuka A, et al. **Nippon Geka Hokan** 1984 Mar 1;53(2):415-21

Tracheoesophageal puncture for voice restoration: modification of the Blom-Singer technique. Ossoff RH, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):418-23

Reconstruction of the pharyngoesophagus following pharyngoesophagectomy and irradiation therapy. Nozaki M, et al. **Plast Reconstr Surg** 1985 Sep;76(3):386-94

Gastric interposition following transhiatal esophagectomy: CT evaluation. Gross BH, et al. **Radiology** 1985 Apr; 155(1):177-9

Antireflux procedure after previous esophagogastrectomy. Raju S, et al. **South Med J** 1984 Dec;77(12):1584-6

Control of bleeding esophageal varices by transabdominal esophageal transection, gastric devascularization, and splenectomy. Weese JL, et al. **Surg Gastroenterol** 1984; 3(1):31-6

Esophagogastrectomy without thoracotomy for carcinoma of the cardia and lower part of the esophagus. Finley RJ, et al. **Surg Gynecol Obstet** 1985 Jan;160(1):49-56

What is a Nissen fundoplication? Jamieson GG, et al. **Surg Gynecol Obstet** 1984 Dec;159(6):591-3

Surgical management of the gastroesophageal reflux syndrome in childhood. Fonkalsrud EW, et al. **Surgery** 1985 Jan;97(1):42-8

Epithelial lining methods in esophageal repair: a comparative study using pedicle flaps in cats. Tobin GR, et al. **Surgery** 1985 Aug;98(2):158-65

Oesophagectomy without thoracotomy. Naraynsingh V, et al. **West Indian Med J** 1985 Mar;34(1):66-9

Surgical management of esophageal diverticula. Fegiz G, et al. **World J Surg** 1984 Oct;8(5):757-65

Intrathoracic esophagojejunostomy following the resection of the lower esophagus--Tohru Ohsawa, pioneer in surgery of the esophagus. Imamura M, et al. **World J Surg** 1985 Aug;9(4):645-7

Esophageal transection with paraesophagogastric devascularizations (the Sugiura procedure) in the treatment of esophageal varices. Sugiura M, et al. **World J Surg** 1984 Oct;8(5):673-9

[Current status of esophageal surgery] Petrovskii BV. **Khirurgiia (Sofiia)** 1985;38(2):1-10 **(Bul)**

[Clinical use of the circular stapler device--report of 290 cases] Kang LY. **Chung Hua Wai Ko Tsa Chih** 1984 Sep; 22(9):552-3, 574 (Eng. Abstr.) **(Chi)**

[Surgical treatment of stricture of esophagogastric anastomoses] Lu P, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Feb;23(2):93-4, 127 (Eng. Abstr.) **(Chi)**

[Treatment of esophageal achalasia by Heller's operation, together with esophagofundopexy] Yu YX. **Chung Hua Wai Ko Tsa Chih** 1984 Apr;22(4):230-1 (Eng. Abstr.) **(Chi)**

[Elongation of the esophagus in newborn infants with esophageal atresia] Snajdauf J, et al. **Rozhl Chir** 1984 Nov; 63(11):715-8 (Eng. Abstr.) **(Cze)**

[Growth and development of esophageal surgery] Lerut T. **Verh K Acad Geneeskd Belg** 1984;46(3):161-82 (Eng. Abstr.) **(Dut)**

[The EAA stapler in esophageal anastomoses] Droissart R, et al. **Acta Chir Belg** 1984 Jul-Aug;84(4):193-5 (Eng. Abstr.) **(Fre)**

[Use of the Shapiro vocal button in total pharyngolaryngo-esophagectomy with digestive transposition] Van den Eeckhaut J, et al. **Acta Otorhinolaryngol Belg** 1984;38(4):386-90 **(Fre)**

[Total esophagectomy without thoracotomy] Arce JV, et al. **Ann Chir** 1983 Mar;37(2):133-6 (Eng. Abstr.) **(Fre)**

[Esophagectomy without thoracotomy. Critical study] Curto-Cardús J. **Ann Chir** 1985 Apr;39(3):224-6 (Eng. Abstr.) **(Fre)**

[Complicated esophagectomy. Therapeutic possibilities] Guy JP, et al. **Ann Chir** 1985 Jun;39(5):335-6 (Eng. Abstr.) **(Fre)**

[Intrathoracic use of a pectoralis major myocutaneous flap to make the junction between a retrosternal tubulated stomach and the cervical esophageal stump] Wilk A, et al. **Ann Chir Plast Esthet** 1984;29(3):270-3 (Eng. Abstr.) **(Fre)**

[Partial pharyngo-laryngectomy with subtotal esophagectomy and 1-stage coloplasty] Saint Guily JL, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(5):309-10 (Eng. Abstr.) **(Fre)**

[High-frequency ventilation in thoracic surgery] Giunta F, et al. **Cah Anesthesiol** 1984 Jan-Feb;32(1):39-40 **(Fre)**

[Esophagectomy without thoracotomy in the treatment of esophageal cancer. 47 cases] Gürkan N, et al. **Chirurgie** 1984;110(6-7):608-14 (Eng. Abstr.) **(Fre)**

[Established caustic stenosis of the esophagus in children. Closed-thorax esophagectomy with in situ colonic esophagoplasty] Aigrain Y, et al. **Presse Med** 1984 Dec 22;13(46):2810-2 (Eng. Abstr.) **(Fre)**

[Uni- or bipolar temporary exclusion of the esophagus by stapling. A simple technic, not damaging to the esophagus] Assens P, et al. **Presse Med** 1984 Nov 10;13(40):2449-51 (Eng. Abstr.) **(Fre)**

[Completed calibrated fundoplication] Segol P, et al. **Presse Med** 1985 Jan 19;14(2):99-101 (Eng. Abstr.) **(Fre)**

[Experimental evaluation of the short Nissen fundoplicature (1 cm) with or without gastroplasty] Beauchamp G, et al. **Union Med Can** 1985 Apr;114(4):283-9 (Eng. Abstr.) **(Fre)**

[Esophago-intestinal anastomoses] Becker HD, et al. **Chirurg** 1984 Oct;55(10):613-22 **(Ger)**

[New modifications in end-to-end anastomosis between the esophagus and small intestine in animal experiments] Daniel P, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984; 17(4):225-9 (Eng. Abstr.) **(Ger)**

[Reservoir capacity of esophagojejunostomy following gastrectomy determined by the radioisotope method] Walter F, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984;17(5):275-84 (Eng. Abstr.) **(Ger)**

[Reconstruction surgical therapy of esophageal cancer. Personal experiences and results] Kessler B, et al. **Zentralbl Chir** 1984;109(16):1044-50 (Eng. Abstr.) **(Ger)**

[Results of stomach pull-through operations without thoracotomy in the treatment of advanced esophageal cancer] Ulrich B, et al. **Zentralbl Chir** 1984;109(16):1033-43 (Eng. Abstr.) **(Ger)**

[The use of mechanical suturing in esophago-jejunal anastomoses] Tanzini G, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2079-82 (Eng. Abstr.) **(Ita)**

[Results of the treatment of carcinoma of the thoracic esophagus with one-stage resection and esophagogastrostomy] Forni E, et al. **Chir Ital** 1984 Aug; 36(4):589-602 (Eng. Abstr.) **(Ita)**

[Esophagojejunostomy after total gastrectomy in the treatment of carcinoma of the distal third of the esophagus. School cases] Grande M, et al. **Minerva Chir** 1985 Mar 31;40(6):289–93 (Eng. Abstr.) **(Ita)**

[Development of alternative interventions in the treatment of portal hypertension] Staudacher V, et al. **Minerva Chir** 1984 Nov 15;39(21):1525–8 **(Ita)**

[Proposal of a technic for digestive reconstruction after total gastrectomy] Vincre G, et al. **Minerva Chir** 1984 Nov 15; 39(21):1453–6 (Eng. Abstr.) **(Ita)**

[By-pass surgery with infusion therapy for non-resectable esophageal cancer] Namatame K, et al. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1502–9 (Eng. Abstr.) **(Jpn)**

[Comparative study of enteral diets, Ensure and Elental in postoperative nutrition of patients who received esophago-gastric surgery] Inamoto T, et al. **Nippon Geka Hokan** 1984 Mar 1;53(2):422–32 (Eng. Abstr.) **(Jpn)**

[Experimental studies on the hemodynamics of the gastric tube for esophageal reconstruction] Sasaki K. **Nippon Geka Hokan** 1985 Mar 1;54(2):82–90 (Eng. Abstr.) **(Jpn)**

[The tracheal resection associated with subtotal esophagectomy for carcinoma of the esophagus—using intrathoracic application of the latissimus dorsi muscle flap] Kawahara H, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jul;32(7):1090–6 (Eng. Abstr.) **(Jpn)**

[Surgical difficulties with bronchoplasty combined with resection of the esophagus for the treatment of esophageal carcinoma] Tomita M, et al. **Rinsho Kyobu Geka** 1984 Sep; 4(5):635–40 (Eng. Abstr.) **(Jpn)**

[Variant of esophago-intestinal anastomosis in the surgical treatment of cancer of the proximal segment of the stomach with involvement of the esophagus] Kochegarov AA, et al. **Grudn Khir** 1984 Nov–Dec;(6):67–9 (Eng. Abstr.) **(Rus)**

[Modification of esophago-gastric anastomosis in experimental resection of the proximal segment of the stomach] Lifanova IV. **Grudn Khir** 1984 Nov–Dec;(6):65–7 (Eng. Abstr.) **(Rus)**

[Creation of a esophago-intestinal anastomosis during gastrectomy] Skobelkin OK, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):114–7 **(Rus)**

[Proximal gastric resection with creation of a valvular esophagogastric anastomosis] Zherlov GK. **Khirurgiia (Mosk)** 1984 Sep;(9):128–31 **(Rus)**

[Rational surgical approach to the cardia and abdominal portion of the esophagus] Akhmedov AA. **Klin Khir** 1984 Sep;(9):75 **(Rus)**

[Method of creating esophageal-intestinal and esophageal-gastric invagination anastomoses] Prudkov ID, et al. **Vestn Khir** 1985 Apr;134(4):114–6 **(Rus)**

[Palliative resection of the esophagus in cancer] Tun VG, et al. **Vestn Khir** 1984 Nov;133(11):22–6 (Eng. Abstr.) **(Rus)**

[Effectiveness of an esophageo-small intestine (stomach) invagination anastomosis in cancer of the proximal stomach] Lisitsyn KM, et al. **Voen Med Zh** 1984 Oct; (10):24–8 **(Rus)**

[Factors affecting the occurrence of cancer relapses in the intrathoracic portion of the esophagus after radical treatment] Cholokashvili LD. **Vopr Onkol** 1985;31(7):39–41 (Eng. Abstr.) **(Rus)**

[Substitution of the cervical esophagus with a free graft of revascularized small intestine] Serrano Rebeil A, et al. **Rev Invest Clin** 1985 Jan–Mar;37(1):1–4 (Eng. Abstr.) **(Spa)**

ULTRASTRUCTURE

Morphometric assessment of reflux oesophagitis in fibreoptic biopsy specimens. Jarvis LR, et al. **J Clin Pathol** 1985 Jan; 38(1):44–8

Scanning electron microscopic study of the epithelial-mesenchymal junction of the esophagus. Warfel KA, et al. **Scan Electron Microsc** 1984;(Pt 2):697–701

ESOTROPIA see under **STRABISMUS**

ESSENTIAL AMINO ACIDS see **AMINO ACIDS, ESSENTIAL**

ESSENTIAL POLYARTERITIS see **PERIARTERITIS NODOSA**

ESTAZOLAM see under **BENZODIAZEPINE TRANQUILIZERS**

ESTERASES

Role of metal ions in goat carboxypeptidase A-catalysed hydrolysis of acyl peptides. Dua RD, et al. **Biochem Int** 1984 Sep;9(3):379–89

ANALYSIS

Direct measurement of phagolysosomal esterase activity. Uchida T, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):584–9

Characteristics of acid esterase in Wolman's disease. Maehira F, et al. **Biochem Med** 1984 Dec;32(3):322–30

Electrophoretic analysis of soluble proteins and esterase, superoxide dismutase and acid phosphatase isoenzymes of members of the protozoan family trichomonadidae. Gradus MS, et al. **Comp Biochem Physiol [B]** 1985;81(1):229–33

Esterases of earthworms—III. Electrophoresis reveals that Eisenia fetida (Savigny) is two species. Oien N, et al. **Comp Biochem Physiol [C]** 1984;78(2):277–82

Distinctive electrophoretic and isoelectric focusing patterns of esterases from Yersinia enterocolitica and Yersinia pseudotuberculosis. Goullet P, et al. **J Gen Microbiol** 1984 Jun;130 (Pt 6):1471–80

[Preliminary studies on levels of sensitivity to phosphoric esters in the Italian population of the Culex pipiens complex] Villani F, et al. **Parassitologia** 1982 Dec; 24(2–3):245–53 (Eng. Abstr.) **(Ita)**

[Inhibitory activities of tri-ortho-cresyl phosphate (TOCP) against cholinesterase and neurotoxic esterase] Kawai M, et al. **Sangyo Igaku** 1984 Jan;26(1):68–9 **(Jpn)**

[The fluorescein dilaurate test in the diagnosis of chronic pancreatitis] Robles-Díaz G, et al. **Rev Gastroenterol Mex** 1984 Oct–Dec;49(4):215–9 (Eng. Abstr.) **(Spa)**

ANTAGONISTS & INHIBITORS

The effect of fixation on esterases. Kirkeby S, et al. **Acta Histochem (Jena)** 1984;75(2):159–63

Influence of the anti-inflammatory serine esterase inhibitor gabexate mesilate (Foy) on aggregation, locomotion and adhesion of polymorphonuclear leukocytes. Damerau B, et al. **Agents Actions** 1984 Dec;15(5–6):594–9

Modification of in vitro metabolism of T-2 toxin by esterase inhibitors. Wei RD, et al. **Appl Environ Microbiol** 1985 Jul;50(1):115–9

Use of dodecyl sulfate as an esterase inhibitor before gas-chromatographic determination of labile beta-adrenoceptor blocking drugs. Holm G, et al. **Clin Chem** 1985 Jun;31(6):868–70

Perturbation of fibrinolysis inhibitors in progressive systemic sclerosis. Rothschild B, et al. **Med Hypotheses** 1985 Mar; 16(3):253–60

BIOSYNTHESIS

[The influence of surfactant (Tween) to the growth and producing activity of esterase of Legionella species and Legionella-like organisms] Sawatari K, et al. **Kansenshogaku Zasshi** 1984 Nov;58(11):1161–9 (Eng. Abstr.) **(Jpn)**

BLOOD

Leukocyte esterase activity and nitrite test as a rapid screen for significant bacteriuria. Oneson R, et al. **Am J Clin Pathol** 1985 Jan;83(1):84–7

Isolation, characterization, and esterase and CO2 hydration activities of ubiquitin from bovine erythrocytes. Matsumoto H, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):426–33

Kininogen, esterase and kininase activities in human peripheral venous plasma and in plasma from the intervillous space of human placenta, before and during labor. Silva RO, et al. **Braz J Med Biol Res** 1984; 17(1):27–34

Esterase-like activity of human serum albumin. IV. Reactions with substituted aspirins and 5-nitrosalicyl esters. Kurono Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3715–9

Serum esterase activity during the surgical therapy of bronchogenic carcinoma. Soběslavský C, et al. **Czech Med** 1984;7(3):145–50

Laboratory evaluation of leukocyte esterase and nitrite tests for the detection of bacteriuria. Pfaller MA, et al. **J Clin Microbiol** 1985 May;21(5):840–2

Evaluation of a leukocyte dip-stick test used for screening urine cultures. Sawyer KP, et al. **J Clin Microbiol** 1984 Oct;20(4):820–1

Correlation of leukocyte esterase activity and bacterial isolation from body fluids. Smalley DL, et al. **J Clin Microbiol** 1984 Dec;20(6):1186

Leucocyte esterase determination as a secondary procedure for urine screening. Leighton PM, et al. **J Clin Pathol** 1985 Feb;38(2):229–32

Serum esterase activity in reactive systemic amyloidosis and its relation to amyloid A degrading activity. Maury CP, et al. **J Lab Clin Med** 1984 Nov;104(5):761–6

A novel serine esterase expressed by cytotoxic T lymphocytes. Pasternack MS, et al. **Nature** 1985 Apr 25–May 1;314(6013):743–5

[Elevation of nonspecific esterase activity of monocytes by sarcoidosis serum. Application of a color data system on the analysis of the result] Saginoya H, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Jan;95(1):51–3 **(Jpn)**

[Nonspecific esterase activity in the blood lymphocytes of persons in contact with benzene vapors and its homologs] Moszczyński P. **Gig Tr Prof Zabol** 1984 Sep;(9):23–6 (Eng. Abstr.) **(Rus)**

DEFICIENCY

Acid esterase deficiency: comparison of biochemical findings in infantile and adult forms. Besley GT, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:155–6

DIAGNOSTIC USE

Improved urine screening using a combination of leukocyte esterase and the Lumac system. Pfaller MA, et al. **Diagn Microbiol Infect Dis** 1985 May;3(3):243–50

GENETICS

Genetic variation of an esterase system in sera of dogs. Braend M. **Acta Vet Scand** 1984;25(4):526–35

Esterase-26 (ES-26): characterization and genetic location on chromosome 3 of an eserine-sensitive esterase of the house mouse (Mus musculus). von Deimling OH, et al. **Biochem Genet** 1984 Dec;22(11–12):1119–26

Evidence for separate gene loci (Es-1 and Es-Si) controlling serum esterases in rats. Nikaido H, et al. **J Hered** 1984 Sep–Oct;75(5):419–20

IMMUNOLOGY

Immunohistochemical detection of monocytes by the antiserum specific to monocytic esterase. Lam KW, et al. **J Histochem Cytochem** 1985 May;33(5):379–83

ISOLATION & PURIFICATION

Nonspecific esterases of mammalian testis. Comparative studies on the mouse (Mus musculus) and rat (rattus norvegicus). von Deimling O, et al. **Histochemistry** 1985; 82(6):547–55 (81 ref.)

Comparison of low- and high-pressure affinity chromatography for the purification of serine and sulfhydryl esterases. Taylor RF, et al. **J Chromatogr** 1984 Dec 28;317:193–200

METABOLISM

Distribution of simple esterase in the nuclei and fiber tracts of the medulla oblongata of squirrel (Funambulus palmarum). Bhatt DK. **Acta Morphol Neerl Scand** 1984 Dec;22(4):279–87

Effect of hydrocortisone and desoxycorticosterone on some reductases, esterases and synthetases. Tancheva L, et al. **Acta Physiol Pharmacol Bulg** 1984;10(4):59–63

Detection of bacteriuria by leukocyte esterase, nitrite, and the automicrobic system. Bartlett RC, et al. **Am J Clin Pathol** 1984 Dec;82(6):683–7

A direct spectrophotometric assay for D-alanine carboxypeptidases and for the esterase activity of beta-lactamases. Pratt RF, et al. **Anal Biochem** 1985 Jan; 144(1):204–6

Neuropathy target esterase in human lymphocytes. Bertoncin D, et al. **Arch Environ Health** 1985 May–Jun;40(3):139–44

Oscillation of enzyme networks in spleen triggered by an immunopotentiator, bestatin. Aoyagi T, et al. **Biochem Int** 1984 Oct;9(4):405–11

Activity of esterase in the hydrolysis of 3',5'-diesters of 5-fluoro-2'-deoxyuridine in relation to the structure of the diester prodrugs. Kawaguchi T, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):301–7

Extending the applicability of esterases of low enantioselectivity in asymmetric synthesis. Wang YF, et al. **Ciba Found Symp** 1985;111:128–45

A 53,000-Da esterase in Strongylocentrotus purpuratus semen is derived from phagocytic cells, not sperm. Resing K, et al. **Dev Biol** 1985 Jan;107(1):87–93

Hormonally sensitive esterase activity in the mouse uterus results from uptake of plasma esterase. Kadner SS, et al. **Endocrinology** 1984 Dec;115(6):2406–17

The use of 2-thionaphthyl acetate as a substrate for the localization and characterization of nonspecific esterase activity in rat alveolar and peritoneal macrophages. Sannes PL, et al. **Histochem J** 1985 Jan;17(1):43–56

Progressive muscular dystrophy (Duchenne): biochemical studies by flow-cytometry. Hirsch-Kauffmann M, et al. **Hum Genet** 1985;69(4):332–6

Exocellular esterase and emulsan release from the cell surface of Acinetobacter calcoaceticus. Shabtai Y, et al. **J Bacteriol** 1985 Mar;161(3):1176–81

Histochemical demonstration of chymotrypain like serine esterases in mucosal mast cells in four species including man. Huntley JF, et al. **J Clin Pathol** 1985 Apr;38(4):375–84

Single incubation double esterase cytochemical reaction using a single coupling reagent. Swirsky DM. **J Clin Pathol** 1984 Oct;37(10):1187–90

Effect of castration on the metabolism of L-ascorbic acid in rat prostate. Shah S, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Feb;31(1):107–13

Esterase acyl binding site of human milk lipase. O'Connor CJ, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):240–4

Esterolytic activity during storage of human milk [letter] O'Connor CJ, et al. **NZ Med J** 1985 Feb 27;98(773):114–5

Demonstration of HCG on the surface of maternal lymphocytes and discrimination of T and B cells by esterase cytochemistry. Yamauchi S, et al. **Tokai J Exp Clin Med** 1983 Nov;8(4):333–7

[Immunohistochemical findings in intrathoracic tumors. V. Isoenzymes of nonspecific esterases in lung tissue and bronchial cancers] Eckert H. **Z Erkr Atmungsorgane** 1984; 163(3):256–63 (Eng. Abstr.) **(Ger)**

[Histochemical enzyme studies of the effect of various organophosphates on the activity of nonspecific esterases in the kidney and parotid gland of rats] Zähres V. **Z Mikrosk Anat Forsch** 1984;98(4):513–34 (Eng. Abstr.) **(Ger)**

[Chronologic changes of activities of macrophage-associated nonspecific esterases in the developing and healing experimental pulmonary granulomas] Tsuda T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 May; 22(5):363–9 (Eng. Abstr.) **(Jpn)**

[Comparative studies of non-specific esterase activity in the adrenal cortex of young and old rats] Danilos J. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:91-5 (Eng. Abstr.) **(Pol)**

URINE

Usefulness of tests for bacteriuria--my conclusions differ [letter] Mozdzen JJ Jr. **Am J Clin Pathol** 1985 Aug; 84(2):262-3

The use of BMC Chemstrip 9 in the macroscopic urine screening procedure. Chu SY, et al. **Clin Biochem** 1984 Aug;17(4):249-52

Effect of ascorbic acid on leukocyte esterase and hemoglobin test strips [letter] Smalley DL. **Clin Chem** 1985 Jul; 31(7):1243

ESTERIFICATION see under **CHEMISTRY, ORGANIC**

ESTERS see under **CARBOXYLIC ACIDS**

ESTETROL see under **ESTRIOL**

ESTHETICS

Appearance and mental retardation: some first steps in the development and application of a measure. Richardson SA, et al. **Am J Ment Defic** 1985 Mar;89(5):475-84

Birkhoff revisited: beauty as a function of effect and means. Boselie F, et al. **Am J Psychol** 1985 Spring;98(1):1-39

Cosmetic surgery I. Davies DM. **Br Med J [Clin Res]** 1985 May 11;290(6479):1421-4

Cosmetic results following primary radiation therapy for early breast cancer. Beadle GF, et al. **Cancer** 1984 Dec 15;54(12):2911-8

On the beauty of lips. Romm S. **Clin Plast Surg** 1984 Oct; 11(4):571-81

Age and the perception of age and attractiveness. Wernick M, et al. **Gerontologist** 1984 Aug;24(4):408-14

Hair transplantation for male pattern baldness: aesthetic considerations and current status. Ayres S 3d. **Head Neck Surg** 1985 Mar-Apr;7(4):272-85

Hairline aesthetics and styling in hair replacement surgery. Mayer TG, et al. **Head Neck Surg** 1985 Mar-Apr; 7(4):286-302

Maxillofacial 'hair' surgery. Tuinzing DB. **Int J Oral Surg** 1985 Jun;14(3):275-7

Limited usefulness of observer-based cosmesis scales employed to evaluate patients treated conservatively for breast cancer. Pezner RD, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1117-9

Breast retraction assessment: an objective evaluation of cosmetic results of patients treated conservatively for breast cancer. Pezner RD, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):575-8

Body image, physical attractiveness, and depression. Noles SW, et al. **J Consult Clin Psychol** 1985 Feb;53(1):88-94

Telling ingratiating lies: effects of target sex and target attractiveness on verbal and nonverbal deceptive success. DePaulo BM, et al. **J Pers Soc Psychol** 1985 May; 48(5):1191-203

Lateral organization and aesthetic preference: the importance of peripheral visual asymmetries. Beaumont JG. **Neuropsychologia** 1985;23(1):103-13

Physical attractiveness and nurses' perceptions of pediatric patients. Bordieri JE, et al. **Nurs Res** 1985 Jan-Feb; 34(1):24-6

Complex and simple proportions and the aesthetic attractivity of visual patterns. Boselie F. **Perception** 1984;13(2):91-6

A note on the golden section. Mahon EJ, et al. **Psychoanal Study Child** 1984;39:549-60

Interobserver variation and cosmetic result of submuscular breast reconstruction. Asplund O, et al. **Scand J Plast Reconstr Surg** 1984;18(2):215-20

[Indications and significance of esthetic plastic surgery] Hinderer UT. **Handchir Mikrochir Plast Chir** 1984 Sep; 16(3):145-50 (Eng. Abstr.) **(Ger)**

[Optico-cosmetic method of keratoprosthesis] Iakimenko SA. **Oftalmol Zh** 1984;(8):492-4 **(Rus)**

ESTHETICS, DENTAL

Silhouette profiles in the assessment of facial esthetics: a comparison of cases treated with various orthodontic appliances. Barrer JG, et al. **Am J Orthod** 1985 May; 87(5):385-91

The influence of dentofacial appearance on the social attractiveness of young adults. Shaw WC, et al. **Am J Orthod** 1985 Jan;87(1):21-6

Cosmetic considerations of dental arch form and function in managing the aging face. Reiter D, et al. **Ear Nose Throat J** 1984 Sep;63(9):432-9

Esthetic dentistry. **J Am Dent Assoc** 1985;Spec No:52-8

A study for discoloration of esthetic restorative materials. (1). Elementary analyses of the materials. Sugawara A. **J Nihon Univ Sch Dent** 1985 Mar;27(1):13-9

The frenectomy combined with a laterally positioned pedicle graft. Functional and esthetic considerations. Miller PD Jr. **J Periodontol** 1985 Feb;56(2):102-6

Survey of patient attitudes toward current esthetic procedures. Goldstein RE, et al. **J Prosthet Dent** 1984 Dec; 52(6):775-80

Method for avoiding margin display on esthetic crowns. Jones DA. **J Prosthet Dent** 1985 Apr;53(4):599

Abrasion resistance of three types of esthetic veneering materials. Staffanou RS, et al. **J Prosthet Dent** 1985 Mar; 53(3):309-10

[The value of photography in orthodontics. Apropos of a study and the soft-tissue profile of a Tunisian population] Boukef I. **Tunis Med** 1983 Jul-Aug;61(4):296-8 **(Fre)**

[Modulability of the surgical intervention to correct maxillofacial dysmorphism in light of new interpretive concepts of profile esthetics] Gotte P, et al. **Minerva Stomatol** 1984 Jul-Aug;33(4):703-21 (Eng. Abstr.) **(Ita)**

[Esthetic properties of composite filling materials] Voropaeva LV, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):77-8 **(Rus)**

STANDARDS

Effect of finishing on color and gloss of composites with different fillers. Stanford WB, et al. **J Am Dent Assoc** 1985 Feb;110(2):211-3

ESTIVATION see under **ADAPTATION, PHYSIOLOGICAL**

ESTOMYCIN see **PAROMOMYCIN**

ESTRADIOL

Delayed anovulatory syndrome induced by estradiol in female C57BL/6J mice: age-like neuroendocrine, but not ovarian, impairments. Mobbs CV, et al. **Biol Reprod** 1985 Jun;32(5):1010-7

ADMINISTRATION & DOSAGE

Estradiol and progesterone influence L-5-hydroxytryptophan-induced myoclonus in male guinea pigs: sex differences in serotonin-steroid interactions. O'Connor LH, et al. **Brain Res** 1985 Mar 18; 330(1):121-5

A gonadotropin and alpha-subunit suppression test for the assessment of the ectopic production of human chorionic gonadotropin and its subunits after the menopause. Papapetrou PD, et al. **J Clin Endocrinol Metab** 1985 Jun; 60(6):1187-95

Treatment of hot flashes with transdermal estradiol administration. Steingold KA, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):627-32

Effects of repeated administration of estradiol benzoate on tubero-infundibular GABAergic activity in male rats. Nicoletti F, et al. **J Neurochem** 1985 Apr;44(4):1217-20

The effects of sequential administration of 17 beta-estradiol on the synthesis and secretion of specific proteins in the immature rat uterus. Kuivanen PC, et al. **J Steroid Biochem** 1985 Apr;22(4):439-51

Regional specificity in the effect of estrogen implantation within the forebrain on the frequency of pulsatile luteinizing hormone secretion in the ovariectomized rat. Akema T, et al. **Neuroendocrinology** 1984 Dec;39(6):517-23

[A transdermal therapeutic estradiol system for physiological hormone substitution in the menopause] Schenkel L. **Schweiz Rundsch Med Prax** 1985 Mar 12;74(11):277-82 (Eng. Abstr.) **(Ger)**

[Effect of sex hormone on the experimental induction of esophageal cancer] Kobayashi K. **Nippon Geka Gakkai Zasshi** 1985 Mar;86(3):280-9 (Eng. Abstr.) **(Jpn)**

[Effects of long-term high doses of sex steroid hormones on human endometrial adenocarcinoma transplanted into nude mice] Matsui Y, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul; 37(7):1177-84 (Eng. Abstr.) **(Jpn)**

[Comparative analysis of estrogen receptor level in the liver and angiotensinogen level in the blood plasma of rats after administration of estradiol in association with other endocrine factors] Mataradze GD, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):62-7 (Eng. Abstr.) **(Rus)**

[Regulation of fertility by means of vaginal rings medicated with estradiol and levonorgestrel] Díaz S, et al. **Rev Chil Obstet Ginecol** 1982;47(4):266-73 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Effect of estrogen on the formation of struvite calculi in female rats. Matsushita K. **Urol Int** 1984;39(5):303-7

[Postmenopausal bleeding following the application of an estrogen-containing hair lotion--concomitant endocrine changes] Emons G, et al. **Geburtshilfe Frauenheilkd** 1984 Jul;44(7):460-2 (Eng. Abstr.) **(Ger)**

ANALOGS & DERIVATIVES

Persistence of a defective tuberoinfundibular dopaminergic function in rats after long-term removal of oestrogen treatment. An in vivo study. Cocchi D, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):309-14

Effects of continuous infusions of 4-hydroxyoestradiol and oestradiol on plasma LH-levels in the ovariectomized ewe. Emons G, et al. **Acta Endocrinol (Copenh)** 1984 Nov; 107(3):328-36

Catechol oestrogen induced initiation of implantation in the delayed implanting rat. Kantor BS, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):418-22

Influence of estrogen pre-treatment on plasma prolactin response to low-dose naloxone in post-menopausal women. Monteleone P, et al. **Acta Neurol (Napoli)** 1984 Dec; 6(6):418-23

Human endometrium transplanted into nude mice. Histologic effects of various steroid hormones. Bergqvist A, et al. **Am J Pathol** 1985 May;119(2):336-44

Microbiological hydroxylation of estradiol: formation of 2- and 4-hydroxyestradiol by Aspergillus alliaceus. Williamson J, et al. **Appl Environ Microbiol** 1985 Mar; 49(3):563-7

Polycystic ovarian condition in estradiol valerate-treated rats: spontaneous changes in characteristic endocrine features. Schulster A, et al. **Biol Reprod** 1984 Oct; 31(3):587-93

The possible role of 2-hydroxyestradiol in the development of estrogen-induced striatal dopamine receptor hypersensitivity. Clopton JK, et al. **Brain Res** 1985 Apr 29;333(1):1-10

Estrogen responsive cells in the arcuate nucleus of the rat contain glutamic acid decarboxylase (GAD): an electron microscopic immunocytochemical study. Léránth C, et al. **Brain Res** 1985 Apr 8;331(2):376-81

Evidence for 4-hydroxylation of estradiol 17-sulfate by rat liver microsomes (clinical analysis on steroids. XXIX). Watanabe K, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul; 32(7):2745-51

Specific antiserum to 2-hydroxyestradiol 17-sulfate (clinical analysis on steroids. XXX). Yoshizawa I, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):679-84

Gonadotrophin induced development of the 'special zone' in the adrenal cortex of immature female possums (Trichosurus vulpecula) with concomitant activation of steroid reductases. Weiss M. **Comp Biochem Physiol [B]** 1984;79(2):173-9

Flow cytometric analysis of fluorescein-conjugated estradiol (E-BSA-FITC) binding in breast cancer suspensions. Benz C, et al. **Cytometry** 1985 May;6(3):260-7

Central nervous system regions involved in the estrogen-induced afternoon prolactin surge. I. Lesion studies. Pan JT, et al. **Endocrinology** 1985 Jul;117(1):382-7

Catecholestrogen regulation of prolactin synthesis in pituitary cell culture. Shupnik MA, et al. **Endocrinology** 1985 Sep; 117(3):939-46

Suppressive effects of indomethacin and estradiol on serum testosterone levels in rats. Pawlikowski M, et al. **Endokrynol Pol** 1984;35(6):361-4

Dose-dependent change in tissue uptake of 17 beta-(16 alpha-[125I]iodo)-estradiol in female rats: application to external imaging of mammary carcinoma. Noguchi S, et al. **Eur J Nucl Med** 1984;9(11):490-3

Selective effects of gonadal steroids on the response of peripheral serotonin receptors. Vaccari A. **Experientia** 1985 Mar 15;41(3):407-8

Relative fatty acid composition of lecithin during postmenopausal replacement therapy--a comparison between ethinyl estradiol and estradiol valerate. Ottosson UB, et al. **Gynecol Obstet Invest** 1984;18(6):296-302

Oestradiol-BSA conjugates for receptor histochemistry: problems of stability and interactions with cytosol. Binder M. **Histochem J** 1984 Sep;16(9):1003-23

Pharmacokinetics and biotransformation of estradiol valerate in ovariectomized women. Düsterberg B, et al. **Horm Res** 1985;21(3):145-54

Synthesis and pharmacokinetics of 131I labeled benzoyl derivatives of estrone and estradiol. Brandau W, et al. **Int J Appl Radiat Isot** 1985 May;36(5):379-84

Radiohalodestannylation: synthesis of 125I-labeled 17 alpha-E-iodovinylestradiol. Hanson RN, et al. **Int J Appl Radiat Isot** 1984 Aug;35(8):810-2

Efficacy and toxicity of estrogens commonly used to terminate canine pregnancy. Bowen RA, et al. **J Am Vet Med Assoc** 1985 Apr 15;186(8):783-8

The use of the biotinyl estradiol-avidin system for the purification of 'nontransformed' estrogen receptor by biohormonal affinity chromatography. Redeuilh G, et al. **J Biol Chem** 1985 Apr 10;260(7):3996-4002

High-performance liquid chromatographic analysis of estradiol valerate-testosterone enanthate in oily formulations. Carignan G, et al. **J Chromatogr** 1984 Sep 28;301(1):292-6

Monoclonal antibody recognition of multiple forms of estrogen receptor tagged with [125I]methoxy-iodovinyl estradiol in ovarian carcinomas. Lorincz MA, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):412-7

Catechol oestradiol control of FSH-stimulated granulosa cell steroidogenesis. Hudson KE, et al. **J Endocrinol** 1985 Jul; 106(1):R1-4

Antagonistic effects of estradiol dipropionate and progesterone on the histology of the vagina and uterus of the mouse. Tripathi G. **J Exp Zool** 1984 Oct;232(1):151-5

Synthesis and evaluation of (17 alpha,20E)-21-[125I]iodo-19-norpregna-1,3,5(10),20-tetraene-3,17-diol and (17 alpha,20E)-21-[125I]iodo-11 beta-methoxy-19-norpregna-1,3,5(10),20-tetraene-3,17-diol (17 alpha-(iodovinyl)estradiol derivatives) as high specific activity potential radiopharmaceuticals. Nakatsuka I, et al. **J Med Chem** 1984 Oct;27(10):1287-91

Radioiodinated ligands for the estrogen receptor: effect of 3-o-methylation on tissue distribution. Franke LA, et al. **J Nucl Med** 1984 Oct;25(10):1116-21

An induction effect of phenobarbital on rat liver microsomal 4-hydroxylation of estradiol 17-sulfate. Watanabe K, et al. **J Pharmacobiodyn** 1984 Sep;7(9):699-701

The effect of estrogen on monoamine systems in the fetal brain. Kaylor WM Jr, et al. **J Reprod Med** 1984 Jul;29(7):489-92

The naturally occurring C-17 fatty acid esters of estradiol are long-acting estrogens. Larner JM, et al. **J Steroid Biochem** 1985 Mar;22(3):407-13

The synthesis of 16 alpha-[131I]iodo-oestradiol and evaluation of its use as a radiotracer for oestrogen receptor positive breast tumours. Symes EK, et al. **J Steroid Biochem** 1985 Feb;22(2):155-60

Specific antisera for the radioimmunoassay of estradiol-3-sulfate. Tanaka T, et al. **J Steroid Biochem** 1985 Feb;22(2):285-8

The metabolism of estradiol 17-sulfate by pheochromocytoma tissue. Yoshizawa I, et al. **J Steroid Biochem** 1985 Aug;23(2):239-41

The influence of treatment with estrogens and estramustine phosphate on platelet aggregation and plasma lipoproteins in non-disseminated prostatic carcinoma. Agardh CD, et al. **J Urol** 1984 Nov;132(5):1021-4

Apolipoprotein A1 levels in oophorectomized women treated with Org OD 14, oestradiol valerate and a placebo. Crona N, et al. **Maturitas** 1984 Dec;6(4):335-9

Decreased tuberoinfundibular and pituitary dopamine and dihydroxyphenylacetic acid concentrations in rats with estrogen-induced pituitary tumors. Di Paolo T, et al. **Neurosci Lett** 1985 Mar 15;54(2-3):251-6

Dietary effects on content of hepatic lipid, plasma minerals, and tissue ascorbic acid in hens and estrogenized chicks. Brenes A, et al. **Poult Sci** 1985 May;64(5):947-54

A comparison of three methods of hydrolysis for estrogen conjugates. Bain JD, et al. **Steroids** 1984 Jun;43(6):603-19

Synthesis of 1-chloroestradiol. Hylarides MD, et al. **Steroids** 1984 Feb;43(2):219-24

Charcoal-catalyzed transfer of tritium into 3H2O from regiospecifically-labeled 2-hydroxyestradiol in the presence of thiols. Jellinck PH, et al. **Steroids** 1984 May;43(5):559-69

Effects of catechol estrogen methyl ethers on lipid metabolism in prepubertal rats. Rajan R, et al. **Steroids** 1984 May;43(5):499-507

Myelopoiesis and marrow adherent cells in estradiol-treated mice. Gaunt SD, et al. **Vet Pathol** 1985 Jul;22(4):403-8

[Therapeutic trial of the combination promestriene-chlorquinaldol in the treatment of vaginitis] Senèze J, et al. **Rev Fr Gynecol Obstet** 1985 Apr;80(5):323-5 **(Fre)**

[Current value of hormonotherapy in cancer of the prostate] Cilento A, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4):329-35 (Eng. Abstr.) **(Ita)**

[Bestrabucil: a possible target-oriented anticancer agent] Ohsawa N, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2115-24 (Eng. Abstr.) **(Jpn)**

[Purification of a special estrogen-binding protein from the liver of rats by affinity chromatography on estradiol sepharose] Smirnov AN, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):377-80 (Eng. Abstr.) **(Rus)**

[Analysis of uterine sarcoma induced in mice in terms of the two-staged development of tumors] Turusov VS, et al. **Eksp Onkol** 1984;6(2):20-3 (Eng. Abstr.) **(Rus)**

[Pharmacological activity of modified analogs of steroid estrogens. Racemic 8-isoestradiol] Nikitina GV, et al. **Farmakol Toksikol** 1984 Jul-Aug;47(4):88-91 (Eng. Abstr.) **(Rus)**

[Effect of estrogens on insulin biosynthesis and secretion by isolated islands of Langerhans from rats] Poltorak VV. **Patol Fiziol Eksp Ter** 1985 May-Jun;(3):49-52 (Eng. Abstr.) **(Rus)**

[Intradermal hormone test in adolescent girls with obesity] Grebova LP. **Pediatriia** 1984 Dec;(12):30-3 **(Rus)**

[Therapeutic efficacy of the combination of chlorquinaldol plus promestriene in infections of the vagina] Palacios Gil-Antuñano S. **Rev Clin Esp** 1984 Jun 15-30;173(5-6):297-300 (Eng. Abstr.) **(Spa)**

ANALYSIS

Human chorionic gonadotropin and steroid concentrations in human follicular fluid in relation to follicle size and oocyte maturity in stimulated ovarian cycles. Ellsworth LR, et al. **Acta Eur Fertil** 1984 Sep-Oct;15(5):343-6

Estrogen and progesterone receptor and hormone levels in human myometrium and placenta in term pregnancy. Khan-Dawood FS, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):501-5

Prolactin and sex steroid concentrations in follicular fluids after different ovarian stimulation methods in IVF patients. Bohnet HG, et al. **Ann NY Acad Sci** 1985;442:227-35

A recognition system for sex-hormone-binding protein-estradiol complex in human decidual endometrium plasma membranes. Strel'chyonok OA, et al. **Biochim Biophys Acta** 1984 Dec 20;802(3):459-66

Radioimmunoassay of oestradiol-17 beta in cows' milk after its extraction on Sepharose-coupled antiserum: a study of specificity using high-pressure liquid chromatography. Abeyawardene SA, et al. **Br Vet J** 1985 Jul-Aug;141(4):416-23

Concentrations of oestradiol-17 beta and progesterone in bovine plasma and defatted milk during the post-partum anovulatory period, during oestrous cycles and following ovariectomy. Abeyawardene SA, et al. **Br Vet J** 1984 Sep-Oct;140(5):458-67

Specificity of antisera raised against estradiol 12-bovine serum albumin conjugates. Ikegawa S, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar;33(3):1154-8

Multicenter evaluation of assays for estradiol and progesterone in saliva. Sufi SB, et al. **Clin Chem** 1985 Jan;31(1):101-3

Fluorescence polarization immunoassay of estradiol. Aucouturier P, et al. **Diagn Immunol** 1983;1(4):310-4

Elevated catecholamines in porcine follicular fluid before ovulation. Bahr JM, et al. **Endocrinology** 1985 Aug;117(2):620-3

Relationships between bovine follicular fluid glycosaminoglycans and steroids. Bushmeyer SM, et al. **Endocrinology** 1985 Sep;117(3):879-85

Estradiol in saliva for monitoring follicular stimulation in an in vitro fertilization program. Belkien LD, et al. **Fertil Steril** 1985 Sep;44(3):322-7

Radioimmunoassay of estradiol-17B in buffaloes peripartum. Prakash BS, et al. **Indian J Exp Biol** 1984 Feb;22(2):104-5

The concentration of estradiol-17 beta in bovine semen. Godfrey RW, et al. **J Anim Sci** 1985 Mar;60(3):760-5

The solubility of 17 beta-oestradiol in aqueous polyethylene glycol 400. Groves MJ, et al. **J Pharm Pharmacol** 1984 Dec;36(12):799-802

The endogenous concentration of estradiol and estrone in normal human postmenopausal endometrium. Vermeulen-Meiners C, et al. **J Steroid Biochem** 1984 Nov;21(5):607-12

Depression of ovarian estradiol-17 beta following single oral dose of ketoconazole. Watanabe H, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr;48(1):141-4

A double antibody radioimmunoassay for free and conjugated estradiol-17 beta in cow's milk. Saumande J, et al. **Steroids** 1984 Aug;44(2):137-52

[Applicability of estrogen determination in feces to the diagnosis of pregnancy in cattle] Bamberg E, et al. **Zentralbl Veterinarmed [A]** 1985 Feb;32(2):119-22 (Eng. Abstr.) **(Ger)**

[Intracellular distribution of estrogen receptors in the human endometrium] Fanchenko ND, et al. **Vopr Med Khim** 1985 Mar-Apr;31(2):24-7 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Comparison between the effects of FSH and LH on the steroidogenic pattern in isolated pre-ovulatory rat follicles. Carlsson B, et al. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):557-64

A role for somatomedin C as a differentiating hormone and amplifier of hormone action on ovarian cells: studies with synthetically pure human somatomedin C and swine granulosa cells. Veldhuis JD, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):234-40

Granulosa cell steroidogenesis before in vitro fertilization. Hillier SG, et al. **Biol Reprod** 1984 Nov;31(4):679-86

Differential action of decidual luteotropin on luteal and follicular production of testosterone and estradiol. Gibori G, et al. **Endocrinology** 1985 May;116(5):1784-91

The effects of a gonadotropin-releasing hormone agonist on ovulation and steroidogenesis during perfusion of rabbit and rat ovaries in vitro. Koos RD, et al. **Endocrinology** 1985 Feb;116(2):628-32

Use of antisera to follicle-stimulating hormone (FSH) to detect non-FSH factors in human serum which modulate rat granulosa cell steroidogenesis. Skaf RA, et al. **Endocrinology** 1985 Jul;117(1):106-13

In vitro estradiol synthesis and secretion by tadpole ovaries of different developmental stages. Hsu CY, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):393-6

Production of estradiol by each ovary during the estrous cycle of cows. Ireland JJ, et al. **J Anim Sci** 1984 Sep;59(3):764-71

17 beta-estradiol and progesterone production by human granulosa-luteal cells isolated from human menopausal gonadotropin-stimulated cycles for in vitro fertilization. Dlugi AM, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):986-92

Prolactin stimulates steroidogenesis by human luteal tissue in vitro. Hunter MG. **J Endocrinol** 1984 Oct;103(1):107-10

Contrasting effects of prolactin on luteal and follicular steroidogenesis. Kalison B, et al. **J Endocrinol** 1985 Feb;104(2):241-50

Changes in oestrogen-synthesizing ability of preovulatory bovine follicles relative to the peak of LH. Dieleman SJ, et al. **J Reprod Fertil** 1984 Nov;72(2):487-94

FSH influences follicle viability, oestradiol biosynthesis and ovulation rate in Romney ewes. McNatty KP, et al. **J Reprod Fertil** 1985 Sep;75(1):121-31

Effect of LH on progesterone and oestradiol production in vivo and in vitro by preovulatory rat follicles. Uilenbroek JT. **J Reprod Fertil** 1985 May;74(1):303-10

Stimulation of estradiol production from estrone-3-sulfate by 5 alpha-dihydrotestosterone in cultured human placental explants. Ling WY, et al. **J Steroid Biochem** 1984 Dec;21(6):653-7

Glucagon-stimulated cyclic AMP production and formation of estradiol in Sertoli cell cultures from immature rats. Eikvar L, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):107-13

[In vitro biosynthesis of estradiol in the testis of immature rats] Papadopoulos V, et al. **Pathol Biol (Paris)** 1984 Oct;32(8):843-6 **(Fre)**

BLOOD

Endocrinological effects of single daily ketoconazole administration in male beagle dogs. De Coster R, et al. **Acta Endocrinol (Copenh)** 1984 Oct;107(2):275-81

Circannual concentrations of melatonin, gonadotrophins, prolactin and gonadal steroids in males in a geographical area with a large annual variation in daylight. Martikainen H, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):446-50

Correlation between urinary oestrogen levels determined by haemagglutination inhibition reaction and serum oestradiol levels determined by radioimmunoassay. Seki K, et al. **Acta Endocrinol (Copenh)** 1985 Sep;110(1):130-4

Kinetics of steroid responsiveness to hCG during chronic inhibition of testicular function by GnRH analogue. Vicari E, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):544-9

Monitoring of follicular growth for I.V.F.-E.T. programme: the value of E2 assay and echography. Gullo D, et al. **Acta Eur Fertil** 1984 May-Jun;15(3):217-23

Ultrasound and estradiol plasma levels in threatened abortion. Melis GB, et al. **Acta Eur Fertil** 1984 Jul-Aug;15(4):287-94

Quantitative changes in steroid and peptide hormones in the maternal-fetoplacental system between the 28th-40th weeks of pregnancy. Hercz P. **Acta Med Hung** 1985;42(1-2):29-39

Episodic secretion of hormones and the diagnostic value of single blood estimates. II. Progesterone, oestradiol and oestrone. Siklósi G, et al. **Acta Med Hung** 1984;41(4):203-11

Rapid and simultaneous measurement of estrone, estradiol, estriol and estetrol in serum by high performance liquid chromatography with electrochemical detection. Hayashi N, et al. **Acta Med Okayama** 1985 Apr;39(2):143-53

Effect of natural estrogen on the serum level of follicle-stimulating hormone (FSH), estradiol and estrone in post-menopausal women and its effect on endometrium. Varma TR, et al. **Acta Obstet Gynecol Scand** 1985;64(2):105-9

Peripheral blood concentrations of progesterone and oestradiol during human pregnancy and delivery. Kauppila A, et al. **Acta Physiol Hung** 1985;65(4):473-8

Serum estradiol levels in male cigarette smokers. Klaiber EL, et al. **Am J Med** 1984 Nov;77(5):858-62

Effects of a high-complex-carbohydrate, low-fat, low-cholesterol diet on levels of serum lipids and estradiol. Rosenthal MB, et al. **Am J Med** 1985 Jan;78(1):23-7

Effects of a high-complex-carbohydrate, low-fat, low-cholesterol diet on levels of serum lipids and estradiol [letter] Tucker WS Jr. **Am J Med** 1985 Jun;78(6 Pt 1):A52, A54

Preterm delivery is not predicted by serial plasma estradiol or progesterone concentration measurements. Block BS, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):716-22

Diabetes-associated alterations in uterine structure in the C57BL/KsJ mouse: relationship to changes in estradiol accumulation, circulating ovarian steroid levels, and age. Garris DR. **Anat Rec** 1985 Apr;211(4):414-9

Postpartum regeneration of the guinea pig endometrium: relationship to serum estradiol and progesterone concentrations. Garris DR. **Anat Rec** 1984 Sep;210(1):41-4

The value of ovarian and placental steroid determinations in abnormal early pregnancy. Distler W, et al. **Arch Gynecol** 1985;236(3):153-60

Relationship between prostaglandin F and steroids in human peripheral venous plasma and concentration of prostaglandin F in corpus luteum. Tanaka S, et al. **Asia Oceania J Obstet Gynaecol** 1984 Sep;10(3):367-73

Total and free plasma concentrations of progesterone, cortisol and oestradiol-17 beta during pregnancy, parturition and early lactation in sows. Whitely JL, et al. **Aust J Biol Sci** 1984;37(4):267-76

Estradiol and testosterone metabolic clearance and production rates during puberal development in boars. Christenson RK, et al. **Biol Reprod** 1984 Dec;31(5):905-12

Fertility control in the bitch by active immunization with porcine zonae pellucidae: use of different adjuvants and patterns of estradiol and progesterone levels in estrous cycles. Mahi-Brown CA, et al. **Biol Reprod** 1985 May;32(4):761-72

Immunoreactive luteinizing hormone, estradiol, progesterone, testosterone, and androstenedione levels during the breeding season and anestrus in Siberian tigers. Seal US, et al. **Biol Reprod** 1985 Mar;32(2):361-8

Dual metastable peak monitoring: application to the analysis of oestradiol-17 beta as the bis (tert-butyldimethylsilyl) ether. Thorne GC, et al. **Biomed Mass Spectrom** 1985 Jan;12(1):19-24

Non-protein bound oestradiol, sex hormone binding globulin, breast cancer and breast cancer risk. Bruning PF, et al. **Br J Cancer** 1985 Apr;51(4):479-84

Sex steroid hormone concentrations in preterm labour and the outcome of treatment with ritodrine. Hanssens MC, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):698-702

Serum chorionic gonadotrophin (hCG), schwangerschaftsprotein 1 (SP1), progesterone and oestradiol levels in patients with nausea and vomiting in early pregnancy. Masson GM, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):211-5

Serum levels of unbound 17 beta-oestradiol during oral and percutaneous postmenopausal replacement therapy. Nilsson B, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):1031-6

Hormonal studies in women with premenstrual tension. Watts JF, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):247-55

Progesterone, cortisol and oestradiol-17 beta in the initiation of human parturition: partitioning between free and bound hormone in plasma. Willcox DL, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):65–71

Plasma estradiol and prolactin levels and their response to stress in two strains of rat with different sensitivities to 7,12-dimethylbenz[a]anthracene-induced tumors. Goldman PR, et al. **Cancer Lett** 1985 Jan;25(3):277–82

The monitoring of ovulation induction using ultrasound and estrogen. DeCherney AH, et al. **Clin Obstet Gynecol** 1984 Dec;27(4):993–1002

Plasma concentrations of pituitary and testicular hormones of fertile and infertile men. Stanwell-Smith R, et al. **Clin Reprod Fertil** 1985 Mar;3(1):37–48

Androgenic, anabolic, estrogenic and antiestrogenic effects of desogestrel and lynestrenol: effects on serum proteins and vaginal cytology. Cullberg G. **Contraception** 1984 Jul; 30(1):73–9

Immediate postabortal contraception with Norplant: levonorgestrel, gonadotropin, estradiol, and progesterone levels over two postabortal months and return of fertility after removal of Norplant capsules. Kurunmäki H, et al. **Contraception** 1984 Nov;30(5):431–42

The endocrinological profile of normal menstrual cycles in a population of Chinese women. Xiao BL, et al. **Contraception** 1985 Mar;31(3):217–30

Relation of circulating estradiol and progesterone to gonadotropin secretion and estrous cyclicity in aging female rats. Lu JK, et al. **Endocrinology** 1985 May; 116(5):1953–9

Age-correlated and ovary-dependent changes in relationships between plasma estradiol and luteinizing hormone, prolactin, and growth hormone in female C57BL/6J mice. Mobbs CV, et al. **Endocrinology** 1985 Feb; 116(2):813–20

Serum oestradiol-17 beta and prolactin concentrations during the luteal phase in women with benign breast disease. Walsh PV, et al. **Eur J Cancer Clin Oncol** 1984 Nov; 20(11):1345–51

Early released lipid-soluble cardiodepressant factor and elevated oestrogenic substances in human septic shock. Benassayag C, et al. **Eur J Clin Invest** 1984 Aug; 14(4):288–94

The effect of lisuride hydrogen maleate on anterior pituitary hormones, oestradiol and cortisol in normal and hyperprolactinaemic women. Koizumi K, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jul;20(1):19–26

Sex hormones in male patients with systemic lupus erythematosus: a comparison with other disease groups. Mackworth-Young CG, et al. **Eur J Rheumatol Inflamm** 1983;6(3):228–32

Serum estradiol and danazol. I. Endometriosis response, side effects, administration interval, concurrent spironolactone and dexamethasone. Dickey RP, et al. **Fertil Steril** 1984 Nov;42(5):709–16

Growth rate of follicular estrogen secretion in relation to the outcome of in vitro fertilization and embryo replacement. Dirnfeld M, et al. **Fertil Steril** 1985 Mar; 43(3):379–84

Diagnosis-specific serum 17 beta-estradiol (E2) upper limits for treatment with menotropins using a 125I direct E2 assay. Haning RV Jr, et al. **Fertil Steril** 1984 Dec; 42(6):882–9

Comparative plasma levels of androgens and 17 beta-estradiol in the diploid and triploid newt, Pleurodeles waltl. Cayrol C, et al. **Gen Comp Endocrinol** 1985 Jun; 58(3):342–6

Estradiol concentration in the serum of the one-humped camel (Camelus dromedarius) during the various reproductive stages. Elias E, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):258–64

Hormonal correlates of polyandry in the spotted sandpiper, Actitis macularia. Rissman EF, et al. **Gen Comp Endocrinol** 1984 Dec;56(3):401–5

Serum levels of 11-oxotestosterone in male and 17 beta-estradiol in female rainbow trout (Salmo gairdneri) during the first reproductive cycle. Schulz R. **Gen Comp Endocrinol** 1984 Oct;56(1):111–20

Serum hormonal profile in women with congenital uterovaginal absence. Kotarski J, et al. **Ginekol Pol** 1984 Oct;55(10):777–81

Sex steroid hormones influence the cAMP content in human endometrium during the menstrual cycle. Pansini F, et al. **Gynecol Obstet Invest** 1984;18(4):174–7

Predictive value of uterine contractility and the serum levels of progesterone and oestrogens with regard to preterm labour. Smit DA, et al. **Gynecol Obstet Invest** 1984; 18(5):252–63

17-beta Estradiol and progesterone levels in plasma of rhesus monkeys bearing copper-T device. Chandra G, et al. **Horm Metab Res** 1985 Jun;17(6):323

The distribution of oestradiol in plasma from postmenopausal women with or without breast cancer: relationships with metabolic clearance rates of oestradiol. Reed MJ, et al. **Int J Cancer** 1985 Apr 15;35(4):457–60

Reproductive hormone profiles in regularly menstruating Sudanese women. El Sheikh MA, et al. **Int J Gynaecol Obstet** 1984 Jun;22(3):243–9

Rapid measurement of oestradiol and oestriol by high-performance liquid chromatography after automatic pretreatment. Dohji T, et al. **J Chromatogr** 1984 Nov 28; 311(2):249–55

Determination of oestradiol-17 beta in human serum by isotope dilution-mass spectrometry. Definitive methods in clinical chemistry, II. Siekmann L. **J Clin Chem Clin Biochem** 1984 Aug;22(8):551–7

Variable response to a long-acting agonist of luteinizing hormone-releasing hormone in girls with McCune-Albright syndrome. Foster CM, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):801–5

Changes in sex hormone-binding globulin binding capacity and percent free estradiol during development in the female rhesus monkey (Macaca mulatta): relation to the metabolic clearance rate of estradiol. Hotchkiss J. **J Clin Endocrinol Metab** 1985 Apr;60(4):786–92

Aromatase inhibition by delta 1-testolactone does not relieve the gonadotropin-induced late steroidogenic block in normal men. Smals AG, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1127–31

Non-protein-bound oestradiol and progesterone in human peripheral plasma before labour and delivery. Anderson PJ, et al. **J Endocrinol** 1985 Jan;104(1):7–15

Oestradiol and somatomedin-C influence body weight patterns in premenarchial rhesus monkeys housed outdoors. Wilson ME, et al. **J Endocrinol** 1984 Sep;102(3):311–7

Androstenedione, 17 beta-estradiol and progesterone plasma levels in gonadotropins induction of ovulation. Scirpa P, et al. **J Endocrinol Invest** 1984 Aug;7(4):357–62

The effects of three techniques of tubal occlusion on ovarian hormones and menstruation. Virutamasen P, et al. **J Med Assoc Thai** 1984 Apr;67(4):201–10

Luteinizing hormone and gonadal steroid levels during the menstrual cycle of orangutans. Nadler RD, et al. **J Med Primatol** 1984;13(6):305–14

Metabolic clearance and production rates of oestradiol and progesterone during pubertal and postpubertal development in gilts. Christenson RK, et al. **J Reprod Fertil** 1985 Sep;75(1):247–53

Testicular feminization syndrome. An unusual case with high estrogen levels. Steinman G, et al. **J Reprod Med** 1985 Jan; 30(1):61–3

Validation and use of centrifugal ultrafiltration-dialysis in the measurement of percent free oestradiol in serum. Dowsett M, et al. **J Steroid Biochem** 1984 Sep;21(3):343–5

Maternal serum progesterone, 17 beta-estradiol and estriol are increased in pregnancies which follow treatment with human menopausal gonadotropins: effects of multiple gestation and maternal endocrine status. Haning RV Jr, et al. **J Steroid Biochem** 1985 Jun;22(6):823–9

Causes of implantation failure after in-vitro fertilisation and embryo transfer [letter] O'Neill C, et al. **Lancet** 1985 Sep 14;2(8455):615

Decrease in serum estradiol values with storage [letter] Phillips GB, et al. **N Engl J Med** 1984 Dec 20;311(25):1635

Effects of dehydroepiandrosterone-sulphate (DHEA-S) administration on puerperal lactation and maternal prolactin and estradiol levels. Aisaka K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1935–42

Effect of suckling on serum prolactin, luteinizing hormone, follicle-stimulating hormone, and estradiol during prolonged lactation. Battin DA, et al. **Obstet Gynecol** 1985 Jun;65(6):785–8

Conversion of estrone to estradiol and estradiol to estrone in postmenopausal women. Reed MJ, et al. **Obstet Gynecol** 1985 Sep;66(3):361–5

Kinetics of the steroidogenic response to single versus repeated doses of human chorionic gonadotropin in boys in prepuberty and early puberty. Dunkel L, et al. **Pediatr Res** 1985 Jan;19(1):1–4

Pituitary-gonadal function in Klinefelter syndrome before and during puberty. Salbenblatt JA, et al. **Pediatr Res** 1985 Jan;19(1):82–6

Isolated menses in prepubertal girls. Blanco-Garcia M, et al. **Pediatrics** 1985 Jul;76(1):43–7

The effect of marginal levels of calcium, fish meal, torula yeast and alfalfa meal on feed intake, hepatic lipid accumulation, plasma estradiol, and egg shell quality among laying hens. Bolden SL, et al. **Poult Sci** 1985 May; 64(5):937–46

Relationship of plasma estradiol and progesterone levels to egg productivity in domestic chicken hens. Leszczynski DE, et al. **Poult Sci** 1985 Mar;64(3):545–9

Reduction in hepatic lipid and plasma estradiol in estrogenized chicks injected with ascorbic acid. Takahashi K, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):200–3

The use of steroid-containing Silastic implants in male nude mice: plasma hormone levels and the effect of implantation on the weights of the ventral prostate and seminal vesicles. van Steenbrugge GJ, et al. **Prostate** 1984;5(6):639–47

Steroid dynamics in the rabbit. Bourget C, et al. **Steroids** 1984 Feb;43(2):225–33

Steroid sulfatase activities in normal and cirrhotic livers and plasma levels of estrone sulfate, estrone and estradiol-17 beta in men. Prost O, et al. **Steroids** 1984 Feb;43(2):189–99

Simultaneous quantification of progesterone, estrone, estradiol-17 beta and corticosterone in female American kestrel plasma. Rehder NB, et al. **Steroids** 1984 Apr; 43(4):371–83

Production, clearance rates and metabolic fate of estradiol-17 beta in the plasma of the laying hen. Tsang CP, et al. **Steroids** 1984 Jan;43(1):71–84

[Correlation between bioactive and immunoactive serum luteinizing hormones in the normal menstrual cycle] Shi SQ. **Chung Hua I Hsueh Tsa Chih** 1985 Mar;65(3):151–3 (Eng. Abstr.)
(Ch

[The prognostic value of screening for serum estradiol in the 32d week of normal pregnancy. A retrospective review of 1000 pregnancy records] Hée P, et al. **Ugeskr Laeger** 1985 May 13;147(20):1622–5 (Eng. Abstr.)
(Dan)

[The prognostic value of ultrasonic scanning and serum estradiol in threatened abortion] Sederberg-Olsen SI, et al. **Ugeskr Laeger** 1984 Jun 18;146(25):1853–5 (Eng. Abstr.)
(Dan)

[Plasma androgens and 17 beta-estradiol of the Pyrenean urodele Euproctus asper during the period of reproduction] Clergue M, et al. **Gen Comp Endocrinol** 1985 Jun; 58(3):337–41 (Eng. Abstr.)
(Fre)

[Changes in LH, FSH, PRL and estradiol after perfusion with naloxone in normal and amenorrheic women] Gandar R, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984; 13(7):765–9 (Eng. Abstr.)
(Fre)

[Testosterone and estradiol levels in male gynecomastia. Clinical and endocrine findings during treatment with tamoxifen] Eversmann T, et al. **Dtsch Med Wochenschr** 1984 Nov 2;109(44):1678–82 (Eng. Abstr.)
(Ger)

[Comparison between the radioimmunologic measurement of plasma E2 and estrogen determination in urine using a hemagglutination inhibition test] Trotnow S, et al. **Geburtshilfe Frauenheilkd** 1985 Jun;45(6):375–81 (Eng. Abstr.)
(Ger)

[Estradiol, luteinizing hormone, testosterone and sex hormone-binding globulin in the clomiphene-induced menstrual cycle] Huber H, et al. **Gynakol Rundsch** 1985; 25(1):23–30
(Ger)

[Persistent pubertal gynecomastia. A longitudinal study of 3 patients] De Sanctis V, et al. **Minerva Pediatr** 1984 Jun 15;36(11):601–4 (Eng. Abstr.)
(Ita)

[Bio- and immunoactive luteinizing hormone in negative feedback action of gonadal steroids] Takahashi A. **Nippon Naibunpi Gakkai Zasshi** 1985 May 20;61(5):605–18 (Eng. Abstr.)
(Jpn)

[Progress in isolation and determination of steroid hormones: blood protein-unbound fractions] Matsui N. **Nippon Rinsho** 1984 Nov;42(11):2542–6 (30 ref.)
(Jpn)

[Studies on changes in serum estrone, estradiol, estriol, DHA-S, and cortisol and urinary estriol excretion] Ikeno N, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan; 37(1):99–106 (Eng. Abstr.)
(Jpn)

[Changes in placental enzymatic activities in relation to estrogen production during pregnancy] Ishida T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr; 37(4):547–54 (Eng. Abstr.)
(Jpn)

[Rapid measurement of estriol & estradiol by high performance liquid chromatography (HPLC)] Uchida N, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1249–53 (Eng. Abstr.)
(Jpn)

[Local uterine hormonemia and steroid hormone receptors] Savitskiĭ GA, et al. **Akush Ginekol (Mosk)** 1985 Feb; (2):19–22 (Eng. Abstr.)
(Rus)

[Correlation between the thyroxine, 17-beta-estradiol and luteinizing hormones in the systemic circulation and the rectal and vaginal temperature in heifers and cows after administration of cloprostenol] Elečko J, et al. **Vet Med (Praha)** 1985 May;30(5):257–66 (Eng. Abstr.)
(Slo)

[Effect of the daily concentration of estradiol on the morphological characteristics of the cumulus-corona-oocyte complex obtained in in vitro fertilization programs] Zegers F, et al. **Rev Chil Obstet Ginecol** 1984;49(5):330–6 (Eng. Abstr.)
(Spa)

[Prolactin and estradiol levels in the plasma of patients with hepatic cirrhosis] Conde Yagüe R, et al. **Rev Clin Esp** 1985 Jan;176(1):13–7 (Eng. Abstr.)
(Spa)

[Testicular response to human chorionic gonadotropin in infertile patients according to the testicular histologic pattern] Padrón Durán RS. **Rev Invest Clin** 1985 Apr-Jun; 37(2):109–12 (Eng. Abstr.)
(Spa)

DIAGNOSTIC USE

Estrogen receptors in human breast cancer detected by the fluorescent estradiol histochemical and dextran coated charcoal techniques. Nishiki M, et al. **Jpn J Surg** 1984 Nov; 14(6):459–64

Estrogen positive feedback on LH secretion in transsexuality. Gooren LJ, et al. **Psychoneuroendocrinology** 1984; 9(3):249–59

IMMUNOLOGY

Specificity of antisera raised against estradiol 12-bovine serum albumin conjugates. Ikegawa S, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar;33(3):1154–8

Improved production of oestradiol antibodies of high affinity and specificity by hormonal manipulation of the immunised animals and affinity chromatography of the antisera. Al-Azawie DM, et al. **J Immunol Methods** 1985 Mar 18; 77(2):259–65

METABOLISM

Purification and characterization of an estradiol-17 beta binding macromolecule in rat pancreas. Pousette A, et al. **Acta Chem Scand [B]** 1984;38(5):407–14

Effects of pregnant mare's serum gonadotrophin administered in vivo on steroid accumulation by isolated rabbit ovarian follicles. YoungLai EV. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):531–7

Influence of the oral administration of micronized progesterone on plasma and tissue levels of steroids in human pregnancy. Ferre F, et al. **Acta Physiol Hung** 1985; 65(4):443–51

Implantation of the rabbit blastocyst: sequential changes in estradiol and progesterone and their receptors. Khan-Dawood FS, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):450–5

Pharmacokinetics and pharmacodynamics of transdermal dosage forms of 17 beta–estradiol: comparison with conventional oral estrogens used for hormone replacement. Powers MS, et al. **Am J Obstet Gynecol** 1985 Aug 15; 152(8):1099–106

Microbiological hydroxylation of estradiol: formation of 2– and 4–hydroxyestradiol by Aspergillus alliaceus. Williamson J, et al. **Appl Environ Microbiol** 1985 Mar; 49(3):563–7

Variation in hepatic microsomal cytochrome P–450 1 concentration among untreated rabbits alters the efficiency of estradiol hydroxylation. Schwab GE, et al.
Arch Biochem Biophys 1985 Feb 15;237(1):17–26

Ketoconazole–induced increase in estradiol–testosterone ratio. Probable explanation for gynecomastia. Pont A, et al. **Arch Intern Med** 1985 Aug;145(8):1429–31

The formation at 37 C of a nondissociable receptor–estradiol complex. Fishman JH, et al.
Biochem Biophys Res Commun 1985 Aug 30;131(1):58–63

Specific binding of 3H–estradiol to rat prostate nuclear matrix. Swaneck GE, et al.
Biochem Biophys Res Commun 1985 May 16;128(3):1381–7

Dexamethasone increases UDP–glucuronyltransferase activity towards bilirubin, oestradiol and testosterone in foetal liver from rhesus monkey during late gestation. Leakey JE, et al. **Biochem J** 1985 Jan 1,225(1):183–8

Estrogen metabolism in rat liver microsomal and isolated hepatocyte preparations—I. Metabolite formation and irreversible binding to cellular macromolecules. Brueggemeier RW, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3853–9

Hormone–stimulable adenylyl cyclase and steroid concentration of follicles of the pregnant mare's serum gonadotropin–treated hen. Johnson PA, et al.
Biol Reprod 1985 May;32(4):828–33

Effects of copper on cytoplasmic and nuclear binding of 17 beta–estradiol in the rat uterus. Smith DE, et al.
Biol Reprod 1984 Oct;31(3):531–5

Monosodium glutamate lesions in rat hypothalamus studied by immunohistochemistry for gonadotropin releasing hormone, neurotensin, tyrosine hydroxylase, and glutamic acid decarboxylase and by autoradiography for [3H] estradiol. Jennes L, et al. **Brain Res** 1984 Aug 13; 308(2):245–53

Age– and diabetes–related changes in tissue glucose uptake and estradiol accumulation in the C57BL/KsJ mouse. Garris DR, et al. **Diabetes** 1985 Jan;34(1):47–52

The effect of pregnancy and treatment with 17 beta–estradiol on the transport of organic anions into isolated rat hepatocytes. Brock WJ, et al. **Drug Metab Dispos** 1984 Nov–Dec;12(6):713–6

The mechanism of 17 beta–estradiol uptake into prolactin–producing rat pituitary cells (GH3 cells) in culture. Kilvik K, et al. **Endocrinology** 1985 Sep; 117(3):967–75

The clearance and metabolism of estradiol and estradiol–17–esters in the rat. Larner JM, et al.
Endocrinology 1985 Sep;117(3):1209–14

Conversion of estrogen receptor from a state with low affinity for estradiol into a state of higher affinity does not require 4S to 5S dimerization. Müller RE, et al.
Endocrinology 1985 Jan;116(1):337–45

CI628 inhibits follicle–stimulating hormone (FSH)–induced increases in FSH receptors of the rat ovary: requirement of estradiol for FSH action. Tonetta SA, et al.
Endocrinology 1985 Feb;116(2):715–22

Effects of vitamin D3 deficiency on estradiol–17 beta metabolism in the laying hen. Tsang CP, et al.
Endocrinology 1984 Dec;115(6):2170–5

Cytochemical demonstration of estrogen binding sites in breast cancer by estradiol covalently linked to horseradish peroxidase. Jansson SE, et al. **Eur J Cancer Clin Oncol** 1985 May;21(5):625–30

Absorption of 17 beta–estradiol in a neovagina constructed from the peritoneum. Willemsen WN, et al.
Eur J Obstet Gynecol Reprod Biol 1985 Apr;19(4):247–53

Determination of the binding of trenbolone and zeranol to rat–liver DNA in vivo as compared to 17 beta–oestradiol and testosterone. Barraud B, et al. **Food Addit Contam** 1984 Apr–Jun;1(2):147–55

Application of Synovex–H in veal calves: steroid release and residues. Meyer HH, et al. **Food Addit Contam** 1984 Jul–Sep;1(3):261–75

In vitro conversion of androgen to estrogen in amphioxus gonadal tissues. Callard GV, et al.
Gen Comp Endocrinol 1984 Oct;56(1):53–8

Hepatic estrogen receptors and plasma estrogen–binding activity in the Atlantic salmon. Lazier CB, et al.
Gen Comp Endocrinol 1985 Feb;57(2):234–45

Oestradiol–BSA conjugates for receptor histochemistry: problems of stability and interactions with cytosol. Binder M. **Histochem J** 1984 Sep;16(9):1003–23

Differential distribution of 3H dihydrotestosterone and 3H estradiol nuclear binding sites in mouse male accessory sex organs. An autoradiographic study. Schleicher G, et al. **Histochemistry** 1985;82(5):453–61

Studies on uptake and retention of (3H) estradiol–17 beta by accessory genital organs of male rat. Kamal N, et al. **Indian J Exp Biol** 1984 Dec;22(12):629–34

Purification of testosterone–oestradiol–binding globulins from mammalian sera by anion–exchange high performance liquid chromatography. Cheng CY, et al. **Int J Androl** 1985 Feb;8(1):1–12

Synthesis and pharmacokinetics of 131I labeled benzoyl derivatives of estrone and estradiol. Brandau W, et al.
Int J Appl Radiat Isot 1985 May;36(5):379–84

Drugs affecting the hormonal receptors of normal and leukaemic peripheral leucocytes. Notario A, et al.
Int J Tissue React 1984;6(5):413–20

Decreased estrogenic stimulation of RNA polymerase II in aged rat uteri is apparently due to reduced nuclear binding of receptor–estradiol complexes. Chuknyiska RS, et al.
J Biol Chem 1985 Jul 25;260(15):8661–3

The nuclear binding of estradiol stimulates ribonucleoprotein transport in the rat uterus. Thampan RV. **J Biol Chem** 1985 May 10;260(9):5420–6

Antiestrogenic action of dihydrotestosterone in mouse breast. Competition with estradiol for binding to the estrogen receptor. Casey RW, et al. **J Clin Invest** 1984 Dec; 74(6):2272–8

Progesterone, androstenedione and oestradiol content of theca and granulosa tissues of the four largest ovarian follicles during the ovulatory cycle of the hen (Gallus domesticus). Etches RJ, et al. **J Endocrinol** 1984 Oct; 103(1):71–6

Differential release of estradiol from immobilized estrogen receptors by p–sec–amylphenol: evidence for a functional microheterogeneity of estrogen receptors. Mueller GC, et al. **J Recept Res** 1984;4(7):773–85

Release of receptor–bound estradiol by heparin or dextran sulfate in combination with tetracaine. Van Oosbree TR, et al. **J Recept Res** 1983–84;3(6):727–43

Oestradiol in follicular fluid and in utero–ovarian venous and peripheral plasma during parturition and postpartum oestrus in the tammar, Macropus eugenii. Harder JD, et al. **J Reprod Fertil** 1984 Nov;72(2):551–8

Demonstration of oestrogens in developing pig trophectoderm and yolk sac endoderm between days 10 and 16. King GJ, et al. **J Reprod Fertil** 1985 Mar; 73(2):361–7

Binding of estradiol–17 beta and estriol in cytosolic and nuclear fractions from urogenital tissues. Batra S, et al.
J Steroid Biochem 1984 Aug;21(2):163–8

Effects of chlorpromazine on the inhibition and artifactual elevation of [3H]estradiol binding to estrogen receptors in rat uterine cytosol. Campbell PS, et al.
J Steroid Biochem 1984 Oct;21(4):475–6

Enhanced metabolism of [2,4,6,7–3H] estradiol–17 beta in the diabetic rat. De Hertogh R, et al. **J Steroid Biochem** 1984 Oct;21(4):433–8

Estradiol entry into endometrial cells in suspension. De Ryck LM, et al. **J Steroid Biochem** 1985 Aug;23(2):145–52

Evidence that somatostatin (SRIF14) is the primary coligand in pancreas required for specific binding of [3H]estradiol in pancreatic tissue: demonstration that [3H]estradiol and [125I]SRIF14 form complexes of varying size with a specific binding protein. Grossman A, et al.
J Steroid Biochem 1984 Sep;21(3):279–86

Testosterone, dihydrotestosterone and estradiol–17 beta levels in maternal and fetal plasma and in fetal testes in the rat. Habert R, et al. **J Steroid Biochem** 1984 Aug; 21(2):193–8

Metabolism of estradiol by true and pseudoperoxidases. Jellinck PH, et al. **J Steroid Biochem** 1985 Jun; 22(6):699–704

The naturally occurring C–17 fatty acid esters of estradiol are long–acting estrogens. Larner JM, et al.
J Steroid Biochem 1985 Mar;22(3):407–13

Regulation of aromatic oxidation of estradiol–17 beta in maternal hepatic, fetal hepatic and placental tissues: comparative effects of a series of inducing agents. Namkung MJ, et al. **J Steroid Biochem** 1985 Apr;22(4):563–7

Activation of [3H]estradiol––and [3H]H1285–receptor complexes: effect of salt versus ATP on molybdate–stabilized estrogen receptors. Singh RK, et al.
J Steroid Biochem 1984 Aug;21(2):205–8

[3H]Oestradiol metabolism by 18–day rat interstitial cells in culture and the effect of FSH: presence of 16 alpha–hydroxylase. Tcholakian RK, et al.
J Steroid Biochem 1985 Feb;22(2):263–5

Specific binding of oestradiol to guinea–pig prostate cytosol and nuclear fractions. Tilley WD, et al.
J Steroid Biochem 1985 Jun;22(6):705–11

The synthetic protease substrate N–benzoyl–L–argininyl–p–nitroanilide activates specific binding of [3H]estradiol to a protein in rat pancreas: relationship of structure to activity. Grossman A.
Life Sci 1984 Nov 26;35(22):2275–9

Vaginal absorption of oestradiol and progesterone. Kålund–Jensen H, et al. **Maturitas** 1984 Dec;6(4):359–67

Catechol formation of fluoro– and bromo–substituted estradiols by hamster liver microsomes. Evidence for dehalogenation. Li JJ, et al. **Mol Pharmacol** 1985 May; 27(5):559–65

Reversible activation of non–steroid binding oestrogen receptor. Raymoure WJ, et al. **Nature** 1985 Apr 25–May 1;314(6013):745–7

Diabetes–associated changes in estradiol accumulation in the aging C57BL/KsJ mouse brain. Garris DR, et al.
Neurosci Lett 1984 Aug 31;49(3):285–90

The uptake of [3H]estradiol by mouse preimplantation embryos in vitro. Uehara S, et al.
Nippon Sanka Fujinka Gakkai Zasshi 1985 Jan;37(1):131–6

Axonal projections and peptide content of steroid hormone concentrating neurons. Morrell JI, et al.
Peptides (Fayetteville) 1984;5 Suppl 1:227–39 (78 ref.)

The role of 17 beta–estradiol in the recovery from oviductal prolapse in layers. Shemesh M, et al. **Poult Sci** 1984 Aug; 63(8):1638–43

Estradiol 16 alpha–hydroxylation in the mouse correlates with mammary tumor incidence and presence of murine mammary tumor virus: a possible model for the hormonal etiology of breast cancer in humans. Bradlow HL, et al.
Proc Natl Acad Sci USA 1985 Sep;82(18):6295–9

Calmodulin–stimulated phosphorylation of 17 beta–estradiol receptor on tyrosine. Migliaccio A, et al.
Proc Natl Acad Sci USA 1984 Oct;81(19):5921–5

Relations between 3H–estradiol uptake and receptor content of estrogen responsive tissues of castrated female rat. Gómez–Benitez J, et al. **Rev Esp Fisiol** 1984 Sep; 40(3):311–7

Significance of lipoidal estradiol in human mammary tumors. Abul–Hajj YJ, et al. **Steroids** 1983 Oct;42(4):417–26

Identification of estrogen receptors in granulosa cells of immature rats. Tonetta SA, et al. **Steroids** 1983 Oct; 42(4):427–40

Performance and progesterone and oestradiol–17 beta concentrations in fat–free milk of a cow with a cystic ovarian follicle. Roy JH, et al. **Vet Rec** 1985 Apr 6; 116(14):370–1

[Absorption of estradiol from estradiol tablets (letter)] Johansen H, et al. **Ugeskr Laeger** 1985 Apr 29;147(18):1493 **(Dan)**

[Histoenzymological and hormonal parallels in the study of the ovaries and uterus in experimental salpingo–oophoritis] Kitaev EM, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):52–4 **(Rus)**

[Unusual estrogen–binding liver protein in rats and the metabolism of sex steroids] Shchekunova TA, et al.
Biull Eksp Biol Med 1985 Aug;100(8):186–8 (Eng. Abstr.) **(Rus)**

[Steroidal regulation of the normal human oviduct] Devoto L, et al. **Rev Med Chil** 1984 Aug;112(8):821–5 (Eng. Abstr.) **(Spa)**

PHARMACODYNAMICS

Effects of maternal administration of diethylstilbestrol and estradiol on the newborn guinea pig. Davies J, et al.
Acta Anat (Basel) 1985;122(1):39–61

Effects of oestradiol benzoate on the pituitary secretion and peripheral kinetics of thyrotrophin in the rat. Boado R, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):232–6

Effects of continuous infusions of 4–hydroxyoestradiol and oestradiol on plasma LH–levels in the ovariectomized ewe. Emons G, et al. **Acta Endocrinol (Copenh)** 1984 Nov; 107(3):328–36

Effects of experimentally–induced diabetes on oestradiol–stimulated changes in the ultrastructure of the rat endometrium. Frederick GT, et al.
Acta Endocrinol (Copenh) 1985 Mar;108(3):414–20

Negative feedback effects of oestradiol–17 beta on luteinizing hormone in female rhesus monkeys under different seasonal conditions. Herndon JG, et al.
Acta Endocrinol (Copenh) 1985 Jan;108(1):31–5

Effects of oestradiol and prolactin on progesterone production by rhesus monkey luteal cells in vitro. Laherty RF, et al. **Acta Endocrinol (Copenh)** 1985 Feb;108(2):266–72

Suppressive effect of prolactin on oestrogen–induced secretion of LH by sequentially perifused rat hypothalamus–pituitary. Lee JW, et al.
Acta Endocrinol (Copenh) 1985 Feb;108(2):151–5

Prolactin inhibits oestradiol–induced luteinizing hormone release at the pituitary level. Miyake A, et al.
Acta Endocrinol (Copenh) 1985 Jun;109(2):204–7

Involvement of norepinephrine in pituitary LH release induced by oestradiol in vitro. Miyake A, et al.
Acta Endocrinol (Copenh) 1984 Oct;107(2):199–203

Gonadotrophins and ovarian steroids in cattle. IV. Re–establishment of the stimulatory feedback action of oestradiol–17 beta on LH and FSH. Schallenberger E, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):44–9

Ovarian steroid hormones. Effects on mood, behaviour and brain excitability. Bäckström T, et al.
Acta Obstet Gynecol Scand [Suppl] 1985;130:19–24

Varying responses of ovum transport in mice related to dose and time of administration of oestradiol. Moscoso H, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(3):253–61

Effect of oestrogen and progesterone on the blood flow in the lower urinary tract of the rabbit. Batra S, et al.
Acta Physiol Scand 1985 Feb;123(2):191–4

Influence of ovarian steroids on prostaglandin– and leukotriene–induced uterine contractions. Hahn DW, et al
Am J Obstet Gynecol 1985 Sep 1;153(1):87–91

Estradiol potentiation of gonadotropin–releasing hormone responsiveness in the anterior pituitary is mediated by an increase in gonadotropin–releasing hormone receptors.

Menon M, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):534–40

Estrogen stimulates formation of lamellar bodies and release of surfactant in the rat fetal lung. Thuresson-Klein A, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):506–14

Endometrial responses to transdermal estradiol in postmenopausal women. Whitehead MI, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1079–84

Role of alpha-receptors in estrogen-induced vasodilation in nonpregnant sheep. Naden RP, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):H339–44

Endocrine pathogenesis of postweaning anestrus in swine: response of the persistently anestrous sow to hormonal stimuli. Dial GD, et al. **Am J Vet Res** 1984 Sep;45(9):1737–42

Effects of hormones and gonadal status on the midventral gland of the grasshopper mouse Onychomys leucogaster. Pinter AJ. **Anat Rec** 1985 Mar;211(3):318–22

Morphology of the erect glans penis in rats under various gonadal hormone conditions. Sachs BD, et al. **Anat Rec** 1984 Sep;210(1):45–52

LH response to LH-RH neonatally estrogenized male rats. Pinilla L, et al. **Andrologia** 1985 May-Jun;17(3):254–6

Interaction of thyroid hormone and sex steroids at the rabbit reticulocyte membrane in vitro: control by 17 beta-estradiol and testosterone of thyroid hormone-responsive Ca2+-ATPase activity. Lawrence WD, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):78–85

Effect of postcoital oestradiol treatment upon transport, growth, differentiation and viability of preimplantation mouse embryos. Roblero LS, et al. **Arch Biol Med Exp (Santiago)** 1983 Aug;16(1):55–9

The effect of estradiol on the sebaceous gland of the hamster ear and its antagonism by tamoxifen. Schäfer G, et al. **Arch Dermatol Res** 1985;277(3):230–4

Study of the effect of estradiol on gonadotrophin levels in untreated male-to-female transsexuals. Goodman RE, et al. **Arch Sex Behav** 1985 Apr;14(2):141–6

Effects of pregnant mouse serum and pregnancy hormones on the replication in vitro of murine cytomegalovirus. Chong KT, et al. **Arch Virol** 1984;82(3–4):223–31

Effects of estradiol-17 beta and progesterone on cell proliferation and differentiation of the human endometrial carcinoma cell line (HHUA) in vitro. Ishiwata I, et al. **Asia Oceania J Obstet Gynaecol** 1984 Dec;10(4):531–8

Effects of estradiol and progesterone on the increased synthesis of collagen in atherosclerotic rabbit aortas. Fischer GM, et al. **Atherosclerosis** 1985 Feb;54(2):177–85

Effects of estradiol on myointimal thickenings from catheter injury and on organizing white mural non-occlusive thrombi. Weigensberg BI, et al. **Atherosclerosis** 1984 Sep;52(3):253–65

Effects of ovarian hormones on ovarian capillary blood flow in anoestrous ewes. Brown BW, et al. **Aust J Biol Sci** 1984;37(5–6):389–92

Effect of progesterone alone and in combination with either corticosterone, 17 beta-estradiol or insulin on prolactin-stimulated fatty acid synthesis in mammary explants from pseudopregnant rabbits. Martyn P, et al. **Aust J Biol Sci** 1984;37(1–2):79–84

Dolichol-sugar derivative synthesis in human breast cancer cell line (T47D). Effects of estrogens and antiestrogens. Santa Cruz AR, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):382–8

Estrogen induces secretary proteins in transformed mouse Leydig cell in vivo, but not in vitro. Sato B, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):277–82

Cryptic estrogen binding protein complicates analysis of estrogen receptor distribution. Smanik EJ, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):577–83

Effects of 17 beta-estradiol and progesterone on intestinal digestive and absorptive functions in ovariectomized rats. Singh R, et al. **Biochem Int** 1985 May;10(5):777–86

Gamma-glutamyltransferase activity in mammary gland of pregnant rats and its regulation by ovarian hormones, prolactin and placental lactogen. Bussmann LE, et al. **Biochem J** 1984 Oct 1;223(1):275–7

Decreased ovalbumin-gene response to oestrogen in the prenatally diethylstilboestrol-exposed chick oviduct. Teng CS, et al. **Biochem J** 1985 Jun 15;228(3):689–95

Effect of estradiol on the oxalate metabolism [illegible]amin B6-deficient male rats. Sharma V, et al. **Biochem Med** 1984 Oct;32(2):216–24

Induction of a decrease in renal NAD+-dependent 15-hydroxyprostaglandin dehydrogenase activity by estradiol in rats. Chang WC, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2073–6

Modulation of thyroid hormone actions on hepatic drug metabolism by androgens and estrogens. Colby HD, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):582–5

Estradiol is responsible for reduced renal prostaglandin dehydrogenase activity in female rats. Cagen LM, et al. **Biochim Biophys Acta** 1985 Mar 6;833(3):372–8

Stimulation of cholinephosphate cytidylyltransferase activity by estrogen in fetal rabbit lung is mediated by phospholipids. Chu AJ, et al. **Biochim Biophys Acta** 1985 May 17;834(3):346–56

Effect of estradiol-17 beta on glucose and proline uptake in plasma membrane vesicles from the R3230AC rat mammary carcinoma. Feldman JM, et al. **Biochim Biophys Acta** 1985 May 30;845(2):265–71

Opposite effects of glucocorticoid on estrogen-induced growth and differentiation of quail oviduct: demonstration by sequential treatments. Boisvieux-Ulrich E, et al. **Biol Cell** 1984;51(3):335–46

Regulation of luteal cell 3-hydroxy-3-methylglutaryl coenzyme A reductase activity by estradiol. Azhar S, et al. **Biol Reprod** 1985 Mar;32(2):333–41

Endocrine mechanisms of puberty in heifers: estradiol negative feedback regulation of luteinizing hormone secretion. Day ML, et al. **Biol Reprod** 1984 Sep;31(2):332–41

Modulation of pulsatile luteinizing hormone secretion by ovarian steroids in the rat. Goodman RL, et al. **Biol Reprod** 1985 Mar;32(2):217–25

Differential estrogen and antiestrogen responsiveness of the uterus during development in the fetal, neonatal and immature guinea pig. Gulino A, et al. **Biol Reprod** 1984 Sep;31(2):371–81

Alterations in the onset of ovulatory failure and gonadotropin secretion following steroid administration to lightly androgenized female rats. Handa RJ, et al. **Biol Reprod** 1985 Mar;32(2):248–56

Influence of high-density lipoprotein on estradiol stimulation of luteal steroidogenesis. Khan I, et al. **Biol Reprod** 1985 Feb;32(1):96–104

Comparison of media proteins from ovariectomized rat uteri following estrogen treatment. Komm BS, et al. **Biol Reprod** 1985 Mar;32(2):443–50

Deciduomal response in androgenized rats: effect of age and steroid replacement therapy. Matton P, et al. **Biol Reprod** 1985 Jun;32(5):1095–100

The detection and purification of a cat uterine secretory protein that is estrogen dependent (CUPED). Murray MK, et al. **Biol Reprod** 1985 Jun;32(5):1219–27

The immunocytochemical localization of a cat uterine protein that is estrogen dependent (CUPED). Murray MK, et al. **Biol Reprod** 1985 Jun;32(5):1229–35

Prepubertal treatment with estrogen or testosterone precipitates the loss of regular estrous cyclicity and normal gonadotropin secretion in adult female rats. Nass TE, et al. **Biol Reprod** 1984 Nov;31(4):723–31

Altered negative feedback response to ovariectomy and estrogen in prepubertal restricted-diet rats. Piacsek BE. **Biol Reprod** 1985 Jun;32(5):1062–8

Pituitary luteinizing hormone-releasing hormone receptors in ovariectomized cows after challenge with ovarian steroids. Schoenemann HM, et al. **Biol Reprod** 1985 Apr;32(3):574–83

Effect of estrogen and progesterone on the development of endometrial hyperplasia in the Fischer rat. Tang FY, et al. **Biol Reprod** 1984 Sep;31(2):399–413

The effects of testosterone and estrogen on the pituitary growth hormone response to growth hormone-releasing factor. Wehrenberg WB, et al. **Biol Reprod** 1985 Mar;32(2):369–75

Neonatal castration of male and female rats affects luteinizing hormone responses to estrogen during adulthood. Weiland NG, et al. **Biol Reprod** 1984 Dec;31(5):942–9

Experimental induction of estradiol positive feedback in intact male monkeys: absence of inhibition by physiologic concentrations of testosterone. Westfahl PK, et al. **Biol Reprod** 1984 Dec;31(5):856–62

Estradiol and progesterone regulation of immunoglobulin A and G and secretory component in cervicovaginal secretions of the rat. Wira CR, et al. **Biol Reprod** 1985 Feb;32(1):90–5

In vivo modulation of outward Na+, K+ cotransport by oestradiol and progesterone in rat red cells. Franck D, et al. **Biomed Biochim Acta** 1984;43(6):S91–3

Multiple comparisons in the randomization analysis of designed experiments with growth curve responses. Foutz RV, et al. **Biometrics** 1985 Mar;41(1):29–37

Oestrogen receptor status and the response of human breast cancer cell lines to a combination of methotrexate and 17-beta oestradiol. Clarke R, et al. **Br J Cancer** 1985 Mar;51(3):365–9

Peripheral vasomotor control and menopausal flushing--a preliminary report. Brincat M, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1107–10

Estrogen excites oxytocinergic, but not vasopressinergic cells in the paraventricular nucleus of female rat hypothalamus. Akaishi T, et al. **Brain Res** 1985 Jun 3;335(2):302–5

Striatal dopamine release stimulated by amphetamine or potassium: influence of ovarian hormones and the light-dark cycle. Becker JB, et al. **Brain Res** 1984 Oct 8;311(1):157–60

Intracranial estradiol in ovariectomized guinea pigs: effects on ingestive behaviors and body weight. Butera PC, et al. **Brain Res** 1984 Nov 19;322(1):41–8

The possible role of 2-hydroxyestradiol in the development of estrogen-induced striatal dopamine receptor hypersensitivity. Clopton JK, et al. **Brain Res** 1985 Apr 29;333(1):1–10

Reversal of hippocampal sexual dimorphism by gonadal steroid manipulation. Foy MR, et al. **Brain Res** 1984 Nov 12;321(2):311–4

Reduced dipsogenic responsiveness to intracerebroventricularly administered angiotensin II in estrogen-treated rats. Fregly MJ, et al. **Brain Res** 1985 Jul 8;338(1):115–21

Estradiol modulation of alpha 2-noradrenergic receptors in guinea pig brain assessed by tritium-sensitive film autoradiography. Johnson AE, et al. **Brain Res** 1985 Jun 10;336(1):153–7

Angiotensin-estrogen central interaction: localization and mechanism. Jonklaas J, et al. **Brain Res** 1985 Feb 11;326(2):239–49

Effects of estradiol and prolactin on incertohypothalamic dopaminergic neurons in the male rat. Lookingland KJ, et al. **Brain Res** 1984 Dec 3;323(1):83–91

Estradiol benzoate decreases nigral GABAergic activity in male rats. Nicoletti F, et al. **Brain Res** 1985 Apr 15;332(1):179–83

The correlation between the degree of brain masculinization and song quality in estradiol treated female zebra finches. Pohl-Apel G. **Brain Res** 1985 Jun 17;336(2):381–3

Inhibition of sexual receptivity by anesthesia during estrogen priming. Roy EJ, et al. **Brain Res** 1985 Jun 24;337(1):163–6

Growth enhancement of N-nitrosomethylurea-induced rat mammary tumor cells in soft agar by estrogen or prolactin. Arafah BM, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5605–8

Effect of estradiol on nonmalignant human mammary cells in primary culture. Chambon M, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5733–43

Role of polyamines in estradiol-induced growth of human breast cancer cells. Lima G, et al. **Cancer Res** 1985 Jun;45(6):2466–70

Growth-stimulative effect of estrogen on androgen-dependent Shionogi carcinoma 115. Noguchi S, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5644–9

Estradiol increases dopamine turnover in intermediate and posterior pituitary lobes of ovariectomized rats. Saavedra JM, et al. **Cell Mol Neurobiol** 1984 Dec;4(4):397–402

Stimulation of uridine phosphorylation in primary cultures of Xenopus laevis hepatocytes by estradiol-17 beta. Sato K, et al. **Cell Struct Funct** 1984 Jun;9(2):157–65

Oestradiol is effective in stimulating 3H-thymidine incorporation but not on proliferation of breast cancer cultured cells. Jozan S, et al. **Cell Tissue Kinet** 1985 Jul;18(4):457–64

Effects of ovariectomy and estradiol administration on the adrenal macrophage system of the rat. Magalhães MM, et al. **Cell Tissue Res** 1984;238(3):559–64

Fine-structural heterogeneity and morphologic changes in rat pituitary prolactin cells after estrogen and testosterone treatment. Nogami H. **Cell Tissue Res** 1984;237(2):195–202

The influence of exogenous estradiol on bobwhite quail (Colinus virginianus) reproductive systems. Lien RJ, et al. **Comp Biochem Physiol [A]** 1985;80(3):433–6

Effects of oestradiol, testosterone and medroxyprogesterone on subcellular fraction marker enzyme activities from rat liver and brain. García MV, et al. **Comp Biochem Physiol [B]** 1985;80(2):347–54

Estradiol enhances nickel-induced blast transformation. Silvennoinen-Kassinen S, et al. **Contact Dermatitis** 1984 Oct;11(4):260–1

Transient paralysis by heat shock of hormonal regulation of gene expression. Wolffe AP, et al. **EMBO J** 1984 Dec 1;3(12):2763–70

Interaction of glucocorticoids in stimulation of liver tyrosine aminotransferase and tryptophan pyrrolase by estrogen in female rats. Németh S, et al. **Endocrinol Exp (Bratisl)** 1984 Dec;18(4):215–21

A serum-free culture of the neurons in the septal, preoptic, and hypothalamic region. Effects of triiodothyronine and estradiol. Akuzawa K, et al. **Endocrinol Jpn** 1985 Feb;32(1):163–73

Comparative study of blocking effects of various retinoids on the occurrence of permanent proliferation of vaginal epithelium in mice treated neonatally with estrogen. Tachibana H, et al. **Endocrinol Jpn** 1984 Oct;31(5):645–50

Opioid and neurotransmitter regulation of pituitary gonadotropin-releasing hormone (GnRH) receptors in the ovariectomized estradiol-treated rat: role of altered GnRH secretion. Barkan AL, et al. **Endocrinology** 1985 Mar;116(3):1003–10

In vitro and in vivo antagonistic regulation by estradiol and progesterone of the rat pituitary domperidone binding sites: correlation with ovarian steroid regulation of the dopaminergic inhibition of prolactin secretion in vitro. Bression D, et al. **Endocrinology** 1985 May;116(5):1905–11

Sexual differentiation of positive feedback: effect of hour of castration at birth on estradiol-induced luteinizing hormone secretion in immature male rats. Corbier P. **Endocrinology** 1985 Jan;116(1):142–7

The effects of gonadal steroids on the content of substance P in the rat anterior pituitary. Coslovsky R, et al. **Endocrinology** 1984 Dec;115(6):2285–9

Effects of ovarian hormones on the concentrations of immunoreactive neuropeptide Y in discrete brain regions of the female rat: correlation with serum luteinizing hormone (LH) and median eminence LH-releasing hormone. Crowley WR, et al. **Endocrinology** 1985 Sep;117(3):1151–5

Induced follicular atresia in rhesus monkeys: strength-duration relationships of the estrogen stimulus. Dierschke DJ, et al. **Endocrinology** 1985 Oct;117(4):1397–1403

Longitudinal study of the surge of gonadotropins induced by exogenous hormones in prepuberal gilts. Fleming MW, et al. **Endocrinology** 1985 May;116(5):1893–8

Estrogen receptors and estrogen sensitivity of fetal thymocytes are restricted to blast lymphoid cells. Gulino A, et al. **Endocrinology** 1985 Jul;117(1):47–54

Effects of estradiol on insulin receptor distribution in primary cultures of R3230AC mammary adenocarcinoma of the rat. Hilf R, et al. **Endocrinology** 1985 Jan;116(1):154–63

Hormonally sensitive esterase activity in the mouse uterus results from uptake of plasma esterase. Kadner SS, et al. **Endocrinology** 1984 Dec;115(6):2406–17

Estradiol stimulates rat renopapillary prostaglandin E2 (PGE2), but not PGF2 alpha biosynthesis. Katayama S, et al. **Endocrinology** 1985 Aug;117(2):656–61

In vitro luteinizing hormone-releasing hormone release from superfused rat hypothalami: site of action of progesterone and effect of estrogen priming. Kim K, et al. **Endocrinology** 1985 Jan;116(1):252–8

In vivo gonadotropin-releasing hormone release and serum luteinizing hormone measurements in ovariectomized, estrogen-treated rhesus macaques. Levine JE, et al. **Endocrinology** 1985 Aug;117(2):711–21

In vitro gonadotropin-releasing hormone release from hypothalamic tissues of ovariectomized estrogen-treated cynomolgus macaques. Levine JE, et al. **Endocrinology** 1985 Jan;116(1):431–8

Multihormone regulation of steroidogenesis in cultured porcine granulosa cells: studies in serum-free medium. Lino J, et al. **Endocrinology** 1985 Jun;116(6):2143–51

Secretion of ovine luteinizing hormone in vitro: differential positive control by 17 beta-estradiol and a preparation of porcine ovarian inhibin. Miller WL, et al. **Endocrinology** 1985 Sep;117(3):907–11

Progesterone secretion as affected by 17 beta-estradiol after hysterectomy in the pig. Musah AI, et al. **Endocrinology** 1984 Nov;115(5):1876–82

Central nervous system regions involved in the estrogen-induced afternoon prolactin surge. II. Implantation studies. Pan JT, et al. **Endocrinology** 1985 Jul;117(1):388–95

Effect of ovarian hormones on glucose metabolism in mouse soleus muscle. Puah JA, et al. **Endocrinology** 1985 Oct;117(4):1336–40

Regulation of the content and phosphorylation of RII by adenosine 3',5'-monophosphate, follicle-stimulating hormone, and estradiol in cultured granulosa cells. Ratoosh SL, et al. **Endocrinology** 1985 Sep;117(3):917–27

Detection of LH release from individual pituitary cells by the reverse hemolytic plaque assay: estrogen increases the fraction of gonadotropes responding to GnRH. Smith PF, et al. **Endocrinology** 1984 Dec;115(6):2484–6

Bipotential actions of estrogen on progesterone biosynthesis by ovarian cells. I. Relation of estradiol's inhibitory actions to cholesterol and progestin metabolism in cultured swine granulosa cells. Veldhuis JD. **Endocrinology** 1985 May;116(5):1818–25

Bipotential actions of estrogen on progesterone biosynthesis by ovarian cells. II. Relation of estradiol's stimulatory actions to cholesterol and progestin metabolism in cultured swine granulosa cells. Veldhuis JD. **Endocrinology** 1985 Sep;117(3):1076–83

Estrogen regulates low density lipoprotein metabolism by cultured swine granulosa cells. Veldhuis JD, et al. **Endocrinology** 1985 Oct;117(4):1321–7

Pulsatile luteinizing hormone release, and the inhibitory effect of estradiol-17 beta in gonadectomized male and female rats: effects of neonatal androgen or exposure to constant light. Watts AG, et al. **Endocrinology** 1984 Dec;115(6):2251–9

Comparative effects of estradiol benzoate, the antiestrogen clomiphene citrate, and the progestin medroxyprogesterone acetate on kainic acid-induced seizures in male and female rats. Nicoletti F, et al. **Epilepsia** 1985 May-Jun;26(3):252–7

Estradiol-induced increase of specific [3H]ketanserin binding sites on rat uterine membranes. Ichida S, et al. **Eur J Pharmacol** 1985 Feb 5;108(3):257–64

Repeated daily treatments with estradiol benzoate increase the [3H]imipramine binding in male rat frontal cortex. Ravizza L, et al. **Eur J Pharmacol** 1985 Jan 8;107(3):395–6

Sex-specific effects of estradiol on hypothalamic noradrenaline turnover in gonadectomized rats. Hiemke C, et al. **Exp Brain Res** 1985;59(1):68–72

Proteins synthesized in medial hypothalamus and transported to midbrain in estrogen-treated female rats. Pfaff D, et al. **Exp Brain Res** 1984;57(1):204–7

Dose-dependent effect of 17 beta-estradiol determined by growth curves and flow cytometric DNA analysis of a human breast carcinoma (T61) grown in nude mice. Brünner N, et al. **Exp Cell Biol** 1985;53(4):220–32

The chick oviduct in tissue culture. II. Estrogen affects ovalbumin synthesis differently than oviduct cell proliferation. Seaver SS, et al. **Exp Cell Res** 1984 Nov;155(1):252–60

Effect of sex, ovariectomy and female sex hormones on neutral cholesterol ester hydrolase in rat liver. Gandarias JM, et al. **Exp Clin Endocrinol** 1984 Dec;84(3):262–70

Indomethacin suppression of the estradiol-induced proliferative response of the seminal vesicles. Lysoń K. **Exp Clin Endocrinol** 1984 Oct;84(2):223–7

Gonadal hormones and thyroxine effects on adrenocortical function in thyroparathyroidectomized rats. Malendowicz LK. **Exp Clin Endocrinol** 1984 Dec;84(3):305–12

Inhibitory effect of 17-beta-estradiol on the activity of liver alanine aminotransferase in adult female rats. Németh S, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):242–4

Structural changes in reproductive organs of male rats after estradiol benzoate treatment. Rao MV, et al. **Exp Clin Endocrinol** 1984 Oct;84(2):211–7

Estradiol increases choline acetyltransferase activity in specific basal forebrain nuclei and projection areas of female rats. Luine VN. **Exp Neurol** 1985 Aug;89(2):484–90

Hyperprolactinemia and estrogen-induced rhythms in LH and prolactin release in the ovariectomized rat. Carr L, et al. **Experientia** 1985 Apr 15;41(4):494–6

The effect of castration, testosterone and estradiol on 14C-serotonin metabolism by organ cultures of male rat pineal glands. Daya S, et al. **Experientia** 1985 Feb 15;41(2):275–6

Clomiphene citrate can mimic the augmentative (positive) but not the depressing (negative) effect of estradiol on the LHRH-stimulated release of LH and FSH by the pituitary gland of the long-term ovariectomized rat. Schuiling GA, et al. **Experientia** 1985 Aug 15;41(8):1060–3

Autoradiographic investigation of cell proliferation in the adrenal cortex of castrated female rats under the influence of oestradiol. Ueberberg H, et al. **Experientia** 1984 Dec 15;40(12):1384–5

Estrogen and accessory sex gland lipids. Umapathy E. **Experientia** 1984 Dec 15;40(12):1431–3

Progesterone and 17 alpha-hydroxyprogesterone advance the estrogen-induced bioassayable luteinizing hormone surge in castrate monkeys. Schenken RS, et al. **Fertil Steril** 1985 Feb;43(2):301–7

Microcirculatory responses to estradiol benzoate in chronic liver damage induced by carbon tetrachloride in the rat. Ishii K, et al. **Gastroenterol Jpn** 1984 Oct;19(5):419–23

The effects of estradiol and triiodothyronine on protein synthesis by hepatocytes of juvenile coho salmon (Oncorhynchus kisutch). Bhattacharya S, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):103–9

Oestradiol 17 beta modifies fowl pituitary prolactin and growth hormone secretion in vitro. Hall TR, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):299–307

Intrafollicular action of estrogen in regulating pituitary-induced ovarian progesterone synthesis and oocyte maturation in Rana pipiens: temporal relationship and locus of action. Lin YW, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):421–35

Hormonal influence on the response of the uterus of the Brazilian marsupial Didelphis albiventris to adrenergic drugs. Rocha LR, et al. **Gen Comp Endocrinol** 1985 May;58(2):179–85

Effect of estrogens on RNA synthesis in the epithelium of the small intestine of castrated mice. Konecki J, et al. **Ginekol Pol** 1984 May;55(5):307–12

Lipid and lipoprotein levels following pure estradiol implantation in post-menopausal women. Sharf M, et al. **Gynecol Obstet Invest** 1985;19(4):207–12

Ultrastructural study of cultured smooth muscle cells from uterine leiomyoma and myometrium under the influence of sex steroids. Kawaguchi K, et al. **Gynecol Oncol** 1985 May;21(1):32–41

Estradiol contributes to the postnatal demasculinization of female Japanese quail (Coturnix coturnix japonica). Balthazart J, et al. **Horm Behav** 1984 Sep;18(3):287–97

Oxytocin induction of short-latency maternal behavior in nulliparous, estrogen-primed female rats. Fahrbach SE, et al. **Horm Behav** 1984 Sep;18(3):267–86

Sexual behavior of an androgenized female rhesus macaque with a surgically constructed vagina. Phoenix CH, et al. **Horm Behav** 1984 Dec;18(4):393–9

The postnatal demasculinization of sexual behavior in the Japanese quail (Coturnix coturnix japonica). Schumacher M, et al. **Horm Behav** 1984 Sep;18(3):298–312

Sexual dimorphism in the motor mounting pattern of the New Zealand white rabbit: steroid regulation of vigor and rhythmicity of pelvic thrusting. Soto MA, et al. **Horm Behav** 1984 Sep;18(3):225–34

Insulin secretion and biosynthesis after oestradiol treatment. Faure A, et al. **Horm Metab Res** 1985 Jul;17(7):378

Sex differences in adrenocortical structure and function. XIV. Heparin-releasable liver-lipase like activity in rat adrenals as affected by gonadectomy and testosterone or estradiol replacement. Malendowicz LK, et al. **Horm Metab Res** 1984 Dec;16(12):646–9

Enhancement in cholesterol-esterase activity and lipolysis due to 17 beta-estradiol treatment in rat adipose tissue. Tomita T, et al. **Horm Metab Res** 1984 Oct;16(10):525–8

Comparison of estrogen priming effects with body weight restoration effects on the gonadotropin pattern of patients with anorexia nervosa. Buvat J, et al. **Horm Res** 1984;20(4):224–30

Histologic response of normal human endometrium to steroid hormones in athymic mice. Zaino RJ, et al. **Hum Pathol** 1985 Sep;16(9):867–72

Cell generation cycle of spermatogonia in immature rats treated neonatally with oestrogen. Bansal-Rajbanshi M, et al. **Indian J Exp Biol** 1984 Nov;22(11):581–5

Effect of estrogen (17 beta-estradiol) on the susceptibility of mice to disseminated gonococcal infection. Kita E, et al. **Infect Immun** 1985 Jul;49(1):238–43

Inhibitory effect of estradiol-17 beta and progesterone on bactericidal activity in uteri of rabbits infected with Escherichia coli. Matsuda H, et al. **Infect Immun** 1985 Jun;48(3):652–7

Effects of ovarian hormones on manifestation of purulent endometritis in rat uteruses infected with Escherichia coli. Nishikawa Y, et al. **Infect Immun** 1985 Jan;47(1):311–7

Adherence of Escherichia coli in pathogenesis of endometritis and effects of estradiol examined by scanning electron microscopy. Nishikawa Y. **Infect Immun** 1985 Jan;47(1):318–21

Effects of human chorionic gonadotrophin, oestradiol and estromustine on testicular blood flow in hypophysectomized rats. Daehlin L, et al. **Int J Androl** 1985 Feb;8(1):58–68

Altered structural and functional integrity of the reproductive tissues in estradiol benzoate-treated intact male albino rats. Chinoy MR, et al. **Int J Fertil** 1984;29(2):98–103

The effect of estrogen on passive length-tension relationship in the uterus of ovariectomized progesterone-treated pregnant rats. Tamada H, et al. **Int J Fertil** 1984;29(4):239–43

Estradiol induced alterations of the immune system--I. Enhancement of IgM production. Myers MJ, et al. **Int J Immunopharmacol** 1985;7(2):207–13

Uterine involution in mares treated with progesterone and estradiol-17 beta. Sexton PE, et al. **J Am Vet Med Assoc** 1985 Feb 1;186(3):252–6

The effect of parenteral use of estradiol, progesterone, testosterone and trenbolone on growth and carcass composition in pigs. De Wilde RO, et al. **J Anim Sci** 1984 Dec;59(6):1501–9

The effect of castration, estradiol and LHRH on LH secretion of lambs fed different levels of dietary energy. Fitzgerald JA. **J Anim Sci** 1984 Aug;59(2):460–9

Reevaluation of the role of progesterone in stimulating sexual receptivity in estrogen-treated gilts. Ford JJ. **J Anim Sci** 1985 Jul;61(1):36–43

Estrogen-dependent modification of ribosomal proteins. Effects of estrogen withdrawal on the distribution of constitutive and hormonally regulated mRNAs. Cochrane AW, et al. **J Biol Chem** 1984 Dec 25;259(24):15408–13

Estradiol-induced alteration of very-low-density lipoprotein assembly. Possible competition among apoproteins for incorporation into nascent very-low-density lipoprotein. Miller KW, et al. **J Biol Chem** 1984 Dec 25;259(24):15277–86

Galactoside-binding serum lectin of Xenopus laevis. Estrogen-dependent hepatocyte synthesis and relationship to oocyte lectin. Roberson MM, et al. **J Biol Chem** 1985 Sep 15;260(20):11027–32

Estradiol preferentially enhances extracellular tissue plasminogen activators of MCF-7 breast cancer cells. Ryan TJ, et al. **J Biol Chem** 1984 Dec 10;259(23):14324–7

Effects of estrogen on apolipoprotein secretion by the human hepatocarcinoma cell line, HepG2. Tam SP, et al. **J Biol Chem** 1985 Feb 10;260(3):1670–5

Pattern of steroid interaction with inducers of aryl hydrocarbon hydroxylase activity in several cloned estradiol-responsive stromal cell strains from mouse endometrium. Stols L, et al. **J Cell Physiol** 1985 Jun;123(3):395–400

In vitro effects of ovarian steroids on prostaglandin F2 alpha output by human endometrium and endometrial epithelial cells. Schatz F, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):361–7

Effect of estradiol and steroid analogues on the clearance of immunoglobulin G-coated erythrocytes. Friedman D, et al. **J Clin Invest** 1985 Jan;75(1):162–7

Estrogens and antiestrogens stimulate release of bone resorbing activity by cultured human breast cancer cells. Valentin-Opran A, et al. **J Clin Invest** 1985 Feb;75(2):726–31

Effect of estrogens on human blood lymphocyte subpopulations in vitro. Baral E, et al. **J Clin Lab Immunol** 1984 Dec;15(4):195–7

Levels of dopamine and thyrotrophin-releasing hormone in hypophysial stalk blood during an oestrogen-stimulated surge of prolactin in the ovariectomized rat. de Greef WJ, et al. **J Endocrinol** 1985 Apr;105(1):107–12

Stimulation of prolactin secretion by oestradiol in the rat is associated with increased hypothalamic release of thyrotrophin-releasing hormone. Franks S, et al. **J Endocrinol** 1984 Nov;103(2):257–61

Progesterone interaction with eosinophils and with responses already induced by oestrogen in the uterus. Grunert G, et al. **J Endocrinol** 1984 Sep;102(3):295–303

Antioestrogen inhibition of oestradiol-induced alterations in hypothalamic noradrenaline turnover. Hiemke C, et al. **J Endocrinol** 1985 Jul;106(1):37–42

Oestrogenic regulation of testicular androgen production during development in the rat. Keel BA, et al. **J Endocrinol** 1985 May;105(2):211–8

Acute inhibition of rat myometrial responses to oxytocin by tamoxifen stereoisomers and oestradiol. Lipton A, et al. **J Endocrinol** 1984 Dec;103(3):383–8

Changes in concentrations and rate of decline of adrenaline in the medial preoptic area and mediobasal hypothalamus of acutely ovariectomized steroid-treated rats. MacKinnon P, et al. **J Endocrinol** 1985 Jan;104(1):129–35

Blockade of LH and FSH secretion by LH-releasing hormone, by the LH-releasing hormone analogue, buserelin, and by combined treatment with LH-releasing hormone and oestradiol benzoate. Schuiling GA, et al. **J Endocrinol** 1984 Dec;103(3):301–9

Alteration of prolactin control in adult rats treated neonatally with sex steroids. Vaticón MD, et al. **J Endocrinol** 1985 Jun;105(3):429–33

Effects of pregnant mare serum gonadotrophin and oestradiol benzoate on enzymes associated with xenobiotic

metabolism in immature and hypophysectomized female rats. Williams MT. **J Endocrinol** 1985 Feb;104(2):315–21
Responses to prolactin secretagogues in oestrogen–treated rats suggest that the defect in prolactin regulation produced by oestrogen is at the level of the pituitary gland. Willoughby JO, et al. **J Endocrinol** 1985 Mar;104(3):447–52
Antagonistic actions of estradiol and tamoxifen upon forskolin–dependent meiotic arrest, intercellular coupling, and the cyclic AMP content of hamster oocyte–cumulus complexes. Racowsky C. **J Exp Zool** 1985 May; 234(2):251–60
Effects of short–term administration of sex hormones on normal and autoimmune mice. Ansar Ahmed S, et al. **J Immunol** 1985 Jan;134(1):204–10
Hormonal modulation of responses to thymus–independent and thymus–dependent antigens in autoimmune NZB/W mice. Brick JE, et al. **J Immunol** 1985 Jun;134(6):3693–8
Modulation of lymphokine–induced macrophage activation by estrogen metabolites. Pfeifer RW, et al. **J Immunopharmacol** 1985;7(2):247–63
Effects of body weight, adrenal status, and estrogen priming on hypothalamic progestin receptors in male and female rats. Etgen AM. **J Neurosci** 1985 Sep;5(9):2439–42
Modulation of anterior pituitary dopamine receptors by estradiol 17–beta: dose–response relationship. Ali SF, et al. **J Neurosci Res** 1985;13(4):497–507
Modulation of meningioma cell growth by sex steroid hormones in vitro. Jay JR, et al. **J Neurosurg** 1985 May; 62(5):757–62
Sex hormone involvement in the development of experimental virally induced murine salivary gland tumors. Lamey PJ, et al. **J Oral Pathol** 1985 May;14(5):414–21
Changes in pulsatile LH secretion and the positive and negative feedback actions of oestradiol after administration of a GnRH agonist in the ovariectomized ewe. Fitzgerald BP, et al. **J Reprod Fertil** 1985 Mar;73(2):433–40
Appearance of beta–hexosaminidase and other lysosomal–like enzymes in the uterine lumen of gilts, ewes and mares in response to progesterone and oestrogens. Hansen PJ, et al. **J Reprod Fertil** 1985 Mar;73(2):411–24
Effects of oestradiol–17 beta on peripheral plasma concentrations of LH and FSH in ovariectomized tammars (Macropus eugenii). Horn CA, et al. **J Reprod Fertil** 1985 Mar;73(2):585–92
Effects of oestradiol benzoate treatment on the reproductive performance and endocrine status of sows after lactations of 10 or 35 days. Kirkwood RN, et al. **J Reprod Fertil** 1984 Nov;72(2):329–37
Effect of oestradiol–17 beta on ovarian and serum concentrations of relaxin during the second half of pregnancy in the rat. Lao Guico MS, et al. **J Reprod Fertil** 1985 May;74(1):65–70
Patterns of protein synthesis in endometrial tissues from ovariectomized rats treated with oestradiol and progesterone. Lejeune B, et al. **J Reprod Fertil** 1985 Jan; 73(1):223–8
Inhibition of non–genomic responses to oestrogen in the rat uterus by testosterone propionate. Mena MA, et al. **J Reprod Fertil** 1985 May;74(1):1–7
Effects of progesterone, oestradiol benzoate and cloprostenol on luteal function in the heifer. Munro RK, et al. **J Reprod Fertil** 1985 Mar;73(2):353–9
Effect of exogenous oestradiol–17 beta on gonadotrophin secretion in post–partum beef cows. Peters AR. **J Reprod Fertil** 1984 Nov;72(2):473–8
The effect of estradiol on human myelomonocytic cells. 1. Enhancement of colony formation. Maoz H, et al. **J Reprod Immunol** 1985 Jun;7(4):325–35
Influence of estrogen and normal flora on vaginal candidiasis in the rat. Larsen B, et al. **J Reprod Med** 1984 Dec; 29(12):863–8
Hormonal sensitivity of adenylate cyclase from human endometrium: modulation by estradiol. Bergamini CM, et al. **J Steroid Biochem** 1985 Mar;22(3):299–303
Stimulation by estradiol–17 beta of thymidine kinase activity in the rat uterus. Bouriourault M, et al. **J Steroid Biochem** 1984 Nov;21(5):613–20
Induction of DNA synthesis in cultured rabbit uterine cells by estradiol and inhibition of the estrogen response. Gerschenson LE, et al. **J Steroid Biochem** 1984 Aug; 21(2):135–6
Time course of anterior pituitary estrogen receptor after low 17 beta–estradiol doses in ovariectomized rats. Gómez–Benítez J, et al. **J Steroid Biochem** 1985 Jul; 23(1):77–80
Hormonal effects on the estrogen receptor system in the epididymis and accessory sex organs of sexually immature rabbits. Hendry WJ 3d, et al. **J Steroid Biochem** 1985 Jul; 23(1):39–49
Steroidal regulation of rat uterine in vitro mRNA translation products. Komm BS, et al. **J Steroid Biochem** 1984 Nov; 21(5):571–7
Depression of estrogen–induced uterine peroxidase in alloxan–diabetic rats. Piyachaturawat P, et al. **J Steroid Biochem** 1984 Dec;21(6):685–90
Retention of estrogen receptors in vitro requires limited estradiol exposure in vivo. Riser ME, et al. **J Steroid Biochem** 1985 Jan;22(1):21–8
The role of estrogens on the proliferation of human breast tumor cells (MCF–7). Soto AM, et al. **J Steroid Biochem** 1985 Jul;23(1):87–94
Effects of estradiol on protein synthesis in the fibromuscular stroma from the guinea pig seminal vesicle. Weinberger MJ. **J Urol** 1985 Jun;133(6):1090–2
Hormone dependency of human breast neoplasms cultured in vitro in the stem cell assay. Manni A, et al. **JNCI** 1985 Apr;74(4):767–70
Long–term responses of the mouse uterus to neonatal diethylstilbestrol treatment and to later sex hormone exposure. Ostrander PL, et al. **JNCI** 1985 Jan;74(1):121–35
Effect of castration and 17 beta–estradiol pulse on cell proliferation in the uterus and the MXT mouse mammary tumor. Paridaens RJ, et al. **JNCI** 1985 Jun;74(6):1239–46
Effects of 17 beta–estradiol and diethylstilbestrol on concurrent development of hepatic, mammary, and pituitary tumors in WF rats: evidence for differential effect on liver. Sumi C, et al. **JNCI** 1984 Nov;73(5):1229–34
Effects in vitro of progesterone and estradiol–17 beta on the contractile and electrical responses in rat myometrium. Osa T, et al. **Jpn J Physiol** 1984;34(3):427–41
Plasmacytoid blast crisis in B–cell chronic lymphocytic leukemia: effect of estradiol on growth and differentiation in vitro. Paietta E, et al. **Leuk Res** 1985;9(1):19–29
Effects of estradiol on the basal and evoked efflux of norepinephrine and 5–hydroxytryptamine from slices of rat hypothalamus. Hyatt MC, et al. **Life Sci** 1984 Nov 26; 35(22):2269–74
Neurotensin enhances estradiol induced DNA synthesis in immature rat uterus. Mistry A, et al. **Life Sci** 1985 May 27;36(21):2063–7
Effect of estradiol and relaxin on collagen and non–collagen protein synthesis by mammary fibroblasts. Sheffield LG, et al. **Life Sci** 1984 Nov 26;35(22):2199–203
Cholesteryl ester hydrolysis in rat liver cytosol. Modulation by female sex hormones. Gandarias JM, et al. **Lipids** 1984 Dec;19(12):916–22
Increases in serum sphingomyelin by 17 beta–estradiol. Merrill AH Jr, et al. **Lipids** 1985 Apr;20(4):252–4
Effect on lipoproteins of Trisequens, a combined hormone preparation. Fletcher CD, et al. **Maturitas** 1984 Nov; 6(3):279–83
Effects of steroid hormones on DNA synthesis and insulin production of isolated foetal rat pancreatic islets in tissue culture. Khatim MS, et al. **Med Biol** 1984;62(3):210–3
Effect of estrogen on Xenopus laevis albumin mRNA levels. Zongza–Dimitriadis V, et al. **Mol Cell Biochem** 1984 Sep; 63(2):143–8
17 beta–Estradiol regulates prolactin secretion but not cell proliferation of GH3B6 cells in chemically defined medium. de Carvalho–Brunet N, et al. **Mol Cell Endocrinol** 1985 Jan;39(1):49–60
Brain region specificity in estradiol effects on neuronal ultrastructure in rats. Meisel RL, et al. **Mol Cell Endocrinol** 1985 May;40(2–3):159–66
Estrogen induction of biotin–binding protein in immature chicks: kinetics, hormonal specificity and modulation. Murty CV, et al. **Mol Cell Endocrinol** 1985 Apr;40(1):79–86
Relationships among uterine growth, ornithine decarboxylase activity and polyamine levels: studies with estradiol and antiestrogens. Rorke EA, et al. **Mol Cell Endocrinol** 1984 Nov;38(1):31–8
Inhibition by estradiol of binding and mitogenic effect of epidermal growth factor in primary cultures of Xenopus hepatocytes. Wolffe AP, et al. **Mol Cell Endocrinol** 1985 May;40(2–3):167–73
Correlation of luteinizing hormone surges with estrogen nuclear and progestin cytosol receptors in the hypothalamus and pituitary gland. II. Temporal estradiol effects. Camp P, et al. **Neuroendocrinology** 1985 Jan; 40(1):54–62
Correlation of luteinizing hormone surges with estrogen nuclear and progestin cytosol receptors in the hypothalamus and pituitary gland. I. Estradiol dose response effects. Camp P, et al. **Neuroendocrinology** 1985 Jan;40(1):45–53
Direct pituitary effects of estrogen and progesterone on gonadotropin secretion in the ovariectomized ewe. Clarke IJ, et al. **Neuroendocrinology** 1984 Sep;39(3):267–74
Long–term treatment with estradiol induces reversible alterations in tuberoinfundibular dopaminergic neurons: a decreased responsiveness to prolactin. Demarest KT, et al. **Neuroendocrinology** 1984 Sep;39(3):193–200
Progesterone–induced LHRH release in vitro is an estrogen—as well as Ca++– and calmodulin–dependent secretory process. Drouva SV, et al. **Neuroendocrinology** 1985 Apr;40(4):325–31
Muscarinic receptors in the preoptic area are sensitive to 17 beta–estradiol during the critical period. Egozi Y, et al. **Neuroendocrinology** 1985 May;40(5):385–92
Possible role for endogenous oxytocin in estrogen–facilitated maternal behavior in rats. Fahrbach SE, et al. **Neuroendocrinology** 1985 Jun;40(6):526–32
The antiestrogen LY117018 blocks effects of estradiol on pituitary glucose–6–phosphate dehydrogenase specific activity and on serum LH. Gordon MN, et al. **Neuroendocrinology** 1985 May;40(5):381–4
Effect of steroid treatment on tonic and surge secretion of LH and FSH in the female golden hamster: effect of photoperiod. Jorgenson KL, et al. **Neuroendocrinology** 1984 Dec;39(6):549–54
Effects of naloxone on catecholamine and LHRH release from the perifused hypothalamus of the steroid–primed rat. Leadem CA, et al. **Neuroendocrinology** 1985 Jun; 40(6):497–500
Correlation of muscarinic receptor induction in the ventromedial hypothalamic nucleus with the activation of feminine sexual behavior by estradiol. Rainbow TC, et al. **Neuroendocrinology** 1984 Nov;39(5):476–80
Gonadal steroid actions on the paraventricular magnocellular neurosecretory cells of the male rat. Akaishi T, et al. **Neurosci Lett** 1985 Feb 28;54(1):91–6
Relative effectiveness of naloxone and MR2266 in potentiating oestrogen–stimulated luteinizing hormone surges in ovariectomized female rats. Dyer RG, et al. **Neurosci Lett** 1984 Aug 24;49(1–2):111–5
Enhancement by estrogen treatment of -bungarotoxin binding in fetal mouse amygdala cells reaggregated in vitro. Arimatsu Y, et al. **Neurosci Res** 1985 Apr;2(4):211–20
Estrogen stimulates neuronal plasticity in the deafferented hypothalamic arcuate nucleus in aged female rats. Matsumoto A, et al. **Neurosci Res** 1985 Jun;2(5):412–8
Alteration of dopamine metabolism in different brain regions of the rabbit by estradiol and tamoxifen. Bakai SN, et al. **Neuroscience** 1985 Apr;14(4):1053–9
Sequence homologies in the region preceding the transcription initiation site of the liver estrogen–responsive vitellogenin and apo–VLDLII genes. Walker P, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8611–26
Histological staining by tritiated actinomycin D: a useful tool to study neoplastic cell heterogeneity and estrogen sensitivity of mammary tumors. Kiss R, et al. **Oncology** 1985;42(2):129–32
Effect of gonadal steroids on hypothalamus and anterior pituitary endo–oligopeptidase B (proline–endopeptidase) activity in castrated female rats. López–Jaramillo P, et al. **Peptides (Fayetteville)** 1984 Sep–Oct;5(5):1017–9
The effect of estradiol and progesterone on the sexual behavior of ovariectomized mares. Asa CS, et al. **Physiol Behav** 1984 Nov;33(5):681–6
Behavioral insensitivity to progesterone during lactation in female rats. Clark AS, et al. **Physiol Behav** 1985 May; 34(5):677–82
Sex differences in the activational effects of gonadal hormones on food intake and body weight. Czaja JA. **Physiol Behav** 1984 Oct;33(4):553–8
Aldosterone–stimulated feeding and weight gain: interaction with estrogen? Devenport L, et al. **Physiol Behav** 1984 Nov; 33(5):745–9
Effects of stereoisomers of estradiol on food intake, body weight and hoarding behavior in female rats. Donohoe TP, et al. **Physiol Behav** 1984 Apr;32(4):589–92
Effects of oestradiol 17B, progesterone and testosterone upon proceptivity and receptivity in ovariectomized common marmosets (Callithrix jacchus). Kendrick KM, et al. **Physiol Behav** 1985 Jan;34(1):123–8
Estradiol and progesterone suppress feeding induced by 2–deoxy–D–glucose. McDermott LJ, et al. **Physiol Behav** 1984 May;32(5):731–6
The effect of ovariectomy, estradiol and progesterone on opioid modulation of feeding. Morley JE, et al. **Physiol Behav** 1984 Aug;33(2):237–41
Endocrine induction of intermale aggression in mice: a comparison of hormonal regimens and their relationship to naturally occurring behavior. Simon NG, et al. **Physiol Behav** 1984 Sep;33(3):379–83
Estrogen action in anterior and ventromedial hypothalamus and the modulation of heterosexual behavior in female golden hamsters. Takahashi LK, et al. **Physiol Behav** 1985 Feb;34(2):233–9
Sex differences in the response to neonatal steroid treatment in the mongolian gerbil. Turner JW Jr. **Physiol Behav** 1984 Aug;33(2):173–7
Effect of oestradiol on catecholamine–stimulated lipolysis. Lincová D, et al. **Physiol Bohemoslov** 1984;33(4):342–52
Metoclopramide potentiates the hypophyseal reactions to oestradiol. Schreiber V, et al. **Physiol Bohemoslov** 1984; 33(5):385–9
Induction of vitellogenesis in Japanese quail as a sensitive indicator of the estrogen–mimetic effect of a variety of environmental contaminants. Robinson GA, et al. **Poult Sci** 1984 Aug;63(8):1529–36
Liver response to diet and estrogen in white Leghorn and Rhode Island Red chickens. Takahashi K, et al. **Poult Sci** 1985 May;64(5):955–62
Effect of dietary composition and estradiol implants on hepatic microsomal mixed function oxidase and lipid deposition in growing chicks. Takehashi K, et al. **Poult Sci** 1984 Nov;63(11):2217–24
Activation of pS2 gene transcription is a primary response to estrogen in the human breast cancer cell line MCF–7. Brown AM, et al. **Proc Natl Acad Sci USA** 1984 Oct; 81(20):6344–8
Isolated uterine nuclei and cytosol receptors of aged rats exhibit impaired estrogenic stimulation of RNA polymerase II. Haji M, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(23):7481–4
Specific modulation of the transcription of cloned avian vitellogenin II gene by estradiol–receptor complex in vitro. Jost JP, et al. **Proc Natl Acad Sci USA** 1985 Feb; 82(4):988–91
The effect of chronic estrogen treatment on immunoreactive beta–endorphin levels in intact female rats. Forman LJ, et al. **Proc Soc Exp Biol Med** 1985 Jul;179(3):365–72
Effect of estrogen on lysosomal enzyme activities in rat heart. Gallagher LJ, et al. **Proc Soc Exp Biol Med** 1984 Dec; 177(3):428–33

Long-term superfusion of rat pituitary cells: interaction of 17 beta-estradiol with pulses of gonadotropin-releasing hormone on luteinizing hormone release. Liu TC, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):296-302

Human prostate cancer (PC-82) in nude mice: a model to study androgen regulated tumor growth. van Steenbrugge GJ, et al. **Prog Clin Biol Res** 1985;185A:23-50

Estradiol -17-beta enhances the formation of (3H)-PGF2 alpha from (3H)-PGE2 in the uterus isolated from ovariectomized rats. Franchi AM, et al. **Prostaglandins** 1985 May;29(5):773-83

Influence of sex hormones on prostaglandin dehydrogenase activity in the rat uterus. Franchi AM, et al. **Prostaglandins** 1985 Jun;29(6):953-60

Effect of estradiol-17 beta and prostaglandins on rat myometrial gap junctions. MacKenzie LW, et al. **Prostaglandins** 1983 Dec;26(6):925-41

Prostaglandins in the uterus: modulation by steroid hormones. Pakrasi PL, et al. **Prostaglandins** 1983 Dec;26(6):991-1009

Effects of prostaglandin E2 (PGE2) on estradiol-17 beta-induced luteolysis in the nonpregnant ewe. Weems C, et al. **Prostaglandins** 1985 Feb;29(2):233-41

Temporal response of uterine prostaglandins to estradiol treatment in the ovariectomized-pregnant rat. Wilson L Jr, et al. **Prostaglandins** 1984 Jul;28(1):103-10

Prostaglandins and the contractile effect of angiotensin I and II in the uterus isolated from ovariectomized rats. Influences of indomethacin and 17-beta estradiol. Chaud M, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):225-34

Prostaglandin synthesis from endogenous and exogenous arachidonic acid in the rat uterus. Effect of estradiol and progesterone. Jouanen A, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):321-36

6-Oxo-prostaglandin F1α production by guinea-pig skeletal muscle in vitro: the effects of oestradiol and progesterone. Kerry PJ. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):283-9

Regulation by oestradiol of the lipoxygenase pathway in the rat uterus. Thaler-Dao H, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):59-64

Inhibition of androgen metabolism in stroma and epithelium of the human benign prostatic hyperplasia by progesterone, estrone, and estradiol. Krieg M, et al. **Prostate** 1985;6(3):233-40

The effects of estradiol-17 beta on the ultrastructure and subcellular distribution of zinc in the prostatic epithelium of castrated rats. Timms BG, et al. **Prostate** 1985;6(1):61-79

Similar effect of estradiol and haloperidol on experimental tardive dyskinesia in monkeys. Bédard PJ, et al. **Psychoneuroendocrinology** 1984;9(4):375-9

Effect of estradiol and haloperidol on hypophysectomized rat brain dopamine receptors. Di Paolo T, et al. **Psychoneuroendocrinology** 1984;9(4):399-404

Effect of ovarian hormones on conflict behavior. Rodriguez-Sierra JF, et al. **Psychoneuroendocrinology** 1984;9(3):293-300

Behavioural responsiveness to muscimol and apomorphine 2 months after prolonged treatment with estradiol in rats. Cuomo V, et al. **Psychopharmacology (Berlin)** 1984;84(2):287-8

Influence of pregnancy and sex steroids on concentration, motor effect and receptor binding of VIP in the rabbit female genital tract. Ottesen B, et al. **Regul Pept** 1985 May;11(1):83-92

Effect of oestrogen and progesterone on sodium, potassium and water balance in sheep. Michell AR, et al. **Res Vet Sci** 1985 Jan;38(1):46-53

Effects of pimozide and domperidone administration on prolactin levels in neonatally estrogenized female rats. Aguilar E, et al. **Rev Esp Fisiol** 1985 Jun;41(2):183-6

Polyamine biosynthetic decarboxylase activities following estradiol-17 beta or estriol stimulation of the immature rat uterus. Lavia LA, et al. **Steroids** 1983 Dec;42(6):609-18

Uterine growth responses of the mature castrate rat to estradiol-17B. Lavia LA, et al. **Steroids** 1984 Jun;43(6):663-75

Rat uterine polyamine biosynthetic decarboxylase activities following multiple injections of estradiol-17 beta and/or estriol. Lavia LA, et al. **Steroids** 1984 Apr;43(4):415-27

Dynamic measure of production rate of cortisol in the mature guinea-pig in response to the stress of anesthesia: effect of estradiol. Manin M, et al. **Steroids** 1984 Jan;43(1):101-10

Effects of catechol estrogen methyl ethers on lipid metabolism in prepubertal rats. Rajan R, et al. **Steroids** 1984 May;43(5):499-507

Effects of ACTH and estradiol on steroid production by cultured adrenal cells from an anencephalic fetus and from normal adults. Winter JS, et al. **Steroids** 1983 Dec;42(6):677-85

Sulfated proteoglycans synthesized in myometrium of the estrogen-treated rabbit. Munakata H, et al. **Tohoku J Exp Med** 1984 Nov;144(3):291-7

Effect of estradiol, prostaglandin E2 and prostaglandin F2 alpha on incorporation of [3H]uridine by preimplantation mouse embryos in vitro. Uehara S, et al. **Tohoku J Exp Med** 1984 Nov;144(3):305-13

Comparative plasma lipid response of pullets and laying hens to estradiol and progesterone. Hagan RC, et al. **Toxicol Appl Pharmacol** 1984 Dec;76(3):483-9

Caryometry and nuclear ultrastructure of cultured human breast cancer cells (FAM) after oestradiol administration. Gay G, et al. **Virchows Arch [Cell Pathol]** 1985;48(1):47-57

Stereologic studies on estradiol and thyroxine effects on adrenal cortex of thyroparathyroidectomized rats. Malendowicz LK. **Z Mikrosk Anat Forsch** 1984;98(4):573-9

[Experimental cerebral aneurysm in the rat: study of the experimental method and the effect of estradiol] Zhou D. **Chung Hua Wai Ko Tsa Chih** 1984 Nov;22(11):663-5, 700 (Eng. Abstr.) **(Chi)**

[Epithelial cells of normal human breast in culture. Ultrastructural aspects and changes under the effects of hormones (estradiol, prolactin)] Chomette G, et al. **Arch Anat Cytol Pathol** 1985;33(1):32-8 (Eng. Abstr.) **(Fre)**

[The endometrium of the immature rabbit stimulated by an estrogen and treated with a progestogen. Scanning electron microscopy study] Paris J, et al. **Arch Anat Microsc Morphol Exp** 1984;73(2):113-20 (Eng. Abstr.) **(Fre)**

[Inhibitory effects of Celiptium on thymidine kinase synthesis induced in the uterus by 17 beta-estradiol] Bourtourault M, et al. **C R Soc Biol (Paris)** 1984;178(5):499-505 (Eng. Abstr.) **(Fre)**

[Comparison of the effects of orally or percutaneously administered estradiol on carbohydrates and lipids after the menopause] Barrat J, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(6):621-7 (Eng. Abstr.) **(Fre)**

[Peptidase activities in the kidney of male rats following castration and substitution with sex hormones] Baumer W, et al. **Z Mikrosk Anat Forsch** 1985;99(2):254-64 (Eng. Abstr.) **(Ger)**

[Urinary protein pattern in rats following castration and substitution with sex hormones] Schneider H, et al. **Z Mikrosk Anat Forsch** 1984;98(6):873-92 (Eng. Abstr.) **(Ger)**

[Renal peptidases and proteinuria following long-term treatment of castrated rats with sex hormones] Vogel S, et al. **Z Mikrosk Anat Forsch** 1984;98(3):337-52 (Eng. Abstr.) **(Ger)**

[Significance and mechanism of desensitization to the gonadotropin-inhibiting effect of estrogen. I. Studies on prepubertal desensitization] Döcke F, et al. **Zentralbl Gynakol** 1984;106(16):1124-36 (Eng. Abstr.) **(Ger)**

[Histologic and histochemical study on the rat gingiva in vivo and in vitro after treatment with estrogens] Pagliarini A, et al. **Minerva Stomatol** 1984 Nov-Dec;33(6):979-86 (Eng. Abstr.) **(Ita)**

[Studies on sensitivity test with clonogenic assay against chemo-endocrine therapy for human breast cancer] Hamada Y. **Nippon Geka Gakkai Zasshi** 1985 Apr;86(4):411-23 (Eng. Abstr.) **(Jpn)**

[The physiological significance of the hippocampus on the inhibitory effects of corticosterone upon the estradiol-induced LH and FSH surges in rats] Nagase M. **Nippon Naibunpi Gakkai Zasshi** 1984 Oct 20;60(10):1255-68 (Eng. Abstr.) **(Jpn)**

[Studies on the feedback regulation of pulsatile luteinizing hormone secretion: effect of ovarian steroid implantation into the forebrain and basal hypothalamus on pulsatile LH secretion in ovariectomized rats] Tadokoro Y. **Nippon Naibunpi Gakkai Zasshi** 1985 Jan 20;61(1):22-37 (Eng. Abstr.) **(Jpn)**

[Effects of various agents on the proliferation and hCG secretion of choriocarcinoma cells in vitro] Kaiho T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct;36(10):1801-6 (Eng. Abstr.) **(Jpn)**

[Effect of the administration of thyroxine and estradiol on the morphology of the anterior lobe of the pituitary gland] Szczurek Z, et al. **Patol Pol** 1984 Oct-Dec;35(4):499-507 (Eng. Abstr.) **(Pol)**

[Effect of sex steroids on the histamine content of the myocardium in dogs] Pereira GR, et al. **Arq Bras Cardiol** 1984 Jun;42(6):387-92 (Eng. Abstr.) **(Por)**

[Disturbance of oogonia proliferation when oxytetracycline and 17beta-estradiol are introduced into a culture of human fetal ovary] Kurilo LF, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):53-5 (Eng. Abstr.) **(Rus)**

[Participation of the adenyl cyclase system in estradiol-activated growth of tumors in rat mammary glands] Nagibneva IN, et al. **Biokhimiia** 1985 Feb;50(2):231-6 (Eng. Abstr.) **(Rus)**

[Formation of specific proteins and peptides in the rabbit uterus induced by estradiol] Sarkisian EG, et al. **Biol Nauki** 1984;(11):24-7 (Eng. Abstr.) **(Rus)**

[Effect of estradiol and other endocrine factors on the level and dynamics of estrogen receptors in the liver cells of rats] Gontar' EV, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):137-40 (Eng. Abstr.) **(Rus)**

[Action of epidermal chalone on the vaginal epithelial cell proliferation in ovariectomized mice stimulated by 17 beta-estradiol] Svetikova KM, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):484-6 (Eng. Abstr.) **(Rus)**

[Properties of alkylating derivatives of estrogens] Morozova TM, et al. **Eksp Onkol** 1984;6(2):50-4 (Eng. Abstr.) **(Rus)**

[Effect of estrogens on insulin biosynthesis and secretion by isolated islands of Langerhans from rats] Poltorak VV. **Patol Fiziol Eksp Ter** 1985 May-Jun;(3):49-52 (Eng. Abstr.) **(Rus)**

[Participation of the estradiol receptor in the hormonal inhibition of cyclic nucleotide phosphodiesterase in the uterus] Garnovskaia MN, et al. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):633-7 (Eng. Abstr.) **(Rus)**

[Effect of estradiol on the regulation of testicular steroidogenesis] Valladares L, et al. **Rev Med Chil** 1984 Jun;112(6):599-603 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Regulation versus modulation in GnRH receptor function. Zolman JC, et al. **Am J Med Sci** 1985 Mar;289(3):91-7

Hormonal control of gap junctions in the myometrium. MacKenzie LW, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C296-308

A zonal pattern of cell proliferation and differentiation in the rhesus endometrium during the estrogen surge. Padykula HA, et al. **Biol Reprod** 1984 Dec;31(5):1103-18

Ovarian and steroidal influences on neuroendocrine aging processes in female rodents. Finch CE, et al. **Endocr Rev** 1984 Fall;5(4):467-97 (286 ref.)

Lack of ovarian steroid negative feedback on pulsatile luteinizing hormone release between estrus and diestrous day 1 in the rat estrous cycle. Gallo RV, et al. **Endocrinology** 1985 Apr;116(4):1525-8

Hormonal regulation of myometrial estrogen, progesterone, and oxytocin receptors in the pregnant and pseudopregnant hamster. Leavitt WW. **Endocrinology** 1985 Mar;116(3):1079-84

Interference with the gonadotropin-suppressing actions of estradiol in macaques overrides the selection of a single preovulatory follicle. Zeleznik AJ, et al. **Endocrinology** 1985 Sep;117(3):991-9

Inhibition of the aminoacylation of selected tRNA molecules by an estrogen-regulated factor on uterine ribosomes. Regulation of aminoacylation of tRNA by estrogens. Whelly SM, et al. **Eur J Biochem** 1985 Jan 15;146(2):245-53

Duration of hormonal deprivation: influences on physiological and behavioral responsiveness to estradiol. Czaja JA, et al. **Horm Behav** 1985 Mar;19(1):52-63

Steroid hormone influences on the mating behavior of vervet monkeys (Cercopithecus aethiops). Girolami L. **Horm Behav** 1985 Mar;19(1):1-13

Estradiol regulation of secretory component in the uterus of the rat: evidence for involvement of RNA synthesis. Wira CR, et al. **J Immunol** 1984 Nov;133(5):2624-8

Role of gonadal and adrenal steroids in the impairment of the male rat's sexual behaviour by hyperprolactinaemia. Bailey DJ, et al. **Neuroendocrinology** 1984 Dec;39(6):555-62

Stimulatory or inhibitory effects of angiotensin II upon LH secretion in ovariectomized rats: a function of gonadal steroids. Steele MK, et al. **Neuroendocrinology** 1985 Mar;40(3):210-6

The A-B-C (Allocortex-Brainstem-Core) circuitry of endocrine-autonomic integration and regulation: a proposed hypothesis on the anatomical-functional relationships between estradiol sites of action and peptidergic-aminergic neuronal systems. Stumpf WE, et al. **Peptides (Fayetteville)** 1984;5 Suppl 1:221-6 (43 ref.)

[Effect of steroids on the formation of progesterone in the fetal membrane] Hori D. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun;37(6):982-90 (Eng. Abstr.) **(Jpn)**

[Study of protein synthesis regulating hormones in human milk] Adugamov LF, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):31-3 (Eng. Abstr.) **(Rus)**

SECRETION

Steroid secretion by cumulus cells isolated from human preovulatory follicles. Hillensjö T, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):407-13

Gonadotrophins and ovarian steroids in cattle. I. Pulsatile changes of concentrations in the jugular vein throughout the oestrous cycle. Schallenberger E, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):312-21

Gonadotrophins and ovarian steroids in cattle. II. Pulsatile changes of concentrations in the jugular vein throughout pregnancy. Schallenberger E, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):322-30

Effects of the (imBzl)D-His6, Des-Gly analog of GnRH on gonadotropin and estradiol secretion in normal women. DeFazio J, et al. **Endocr Res** 1984;10(2):163-70

In vitro simulation of prepubertal changes in pulsatile luteinizing hormone release enhances progesterone and 17 beta-estradiol secretion from immature rat ovaries. Urbanski HF, et al. **Endocrinology** 1985 Aug;117(2):638-43

Effect of local GABA administration on rat ovarian blood flow, and on progesterone and estradiol secretion. Erdö S, et al. **Eur J Pharmacol** 1985 May 20;111(3):397-400

Estrogen-producing Sertoli cell tumor of the ovary—a case report. Shalev E, et al. **Gynecol Oncol** 1984 Nov;19(3):348-54

Parachlorophenylalanine blocks the spontaneous pro-oestrous surge of prolactin as well as LH and affects the secretion of oestradiol-17 beta. Horn AM, et al. **J Endocrinol** 1985 Mar;104(3):415-8

Regulators of steroid secretion and inhibin activity in human ovarian follicular fluid. Chari S, et al. **Mol Cell Endocrinol** 1985 Jul;41(2-3):137-45

Cyclical ovarian function resistant to treatment with an analogue of luteinizing hormone releasing hormone in McCune-Albright syndrome. Comite F, et al.

N Engl J Med 1984 Oct 18;311(16):1032-6

Ovarian hyperstimulation syndrome in preterm infants. Sedin G, et al. **Pediatr Res** 1985 Jun;19(6):548-52

Physiological peripubertal activation of the ovary is not reproduced by pregnant mare serum gonadotropin (PMSG) administration. Aguado LI, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):121-5

[Gonadotropic function of the hypophysis and the secretion of sex hormones in women with climacteric and post-castration syndromes] Donat I. **Akush Ginekol (Mosk)** 1985 Feb;(2):28-31 (Eng. Abstr.) (Rus)

[Endocrine function of the reproductive system after early abortion by vacuum-aspiration] Likhacheva TM. **Akush Ginekol (Mosk)** 1985 Feb;(2):37-9 (Eng. Abstr.) (Rus)

STANDARDS

[3H-estradiol-17 beta in laboratory diagnosis] Kushlinskil NE, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):60-2 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

The effect of estrogen therapy on somatic and psychical symptoms in postmenopausal women. Furuhjelm M, et al. **Acta Obstet Gynecol Scand** 1984;63(7):655-61

A continuous estrogen-progestogen regimen for climacteric complaints. Effects on lipid and lipoprotein metabolism. Mattsson LA, et al. **Acta Obstet Gynecol Scand** 1984; 63(8):673-7

Conversion of oral progesterone into deoxycorticosterone during postmenopausal replacement therapy. Ottosson UB, et al. **Acta Obstet Gynecol Scand** 1984;63(7):577-9

Estrogen-progestogen replacement in climacteric women, particularly as regards a new type of continuous regimen. Mattsson LA, et al. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:53-8

Continuous treatment with a combination of estrogen and gestagen—a way of avoiding endometrial stimulation. Clinical experiences with Kliogest. Staland B. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:29-35

Clinical, biochemical and histological results of a double-blind trial with 1,25-dihydroxyvitamin D3, estradiol and placebo in post-menopausal osteoporosis. Caniggia A, et al. **Acta Vitaminol Enzymol** 1984;6(2):117-28

Efficacy, acceptability, and metabolic effects of transdermal estradiol in the management of postmenopausal women. Padwick ML, et al. **Am J Obstet Gynecol** 1985 Aug 15; 152(8):1085-91

A double-blind comparative study of Estraderm and Premarin in the amelioration of postmenopausal symptoms. Place VA, et al. **Am J Obstet Gynecol** 1985 Aug 15; 152(8):1092-9

Hormone-dependent changes of blood vessels in DMBA-induced rat mammary carcinoma and its regression studied by 3H-thymidine autoradiography. Fukuda M, et al. **Basic Appl Histochem** 1985;29(1):21-43

The protective mechanism of estrogen on high blood pressure. von Eiff AW, et al. **Basic Res Cardiol** 1985 Mar-Apr;80(2):191-201

Hormonal therapy of human endometrial adenocarcinoma in a nude mouse model. Zaino RJ, et al. **Cancer Res** 1985 Feb;45(2):539-41

Tamoxifen alone or in combination with estradiol-17 beta inhibits the growth and malignant transformation of hepatic hyperplastic nodules. Mishkin SY, et al. **Eur J Cancer Clin Oncol** 1985 May;21(5):615-23

Tamoxifen alone or in combination with estradiol-17 beta inhibits the growth and malignant transformation of hepatic hyperplastic nodules. Mishkin SY, et al. **Eur J Cancer Clin Oncol** 1985 Mar;21(3):333-41

Chemoprevention of N-nitroso-N-methylurea-induced mammary cancers by pretreatment with 17 beta-estradiol and progesterone. Grubbs CJ, et al. **JNCI** 1985 Apr; 74(4):927-31

The management of persistent menopausal symptoms with oestradiol-testosterone implants: clinical, lipid and hormonal results. Burger HG, et al. **Maturitas** 1984 Dec; 6(4):351-8

Effects of various doses of estradiol on chlamydial genital infection in ovariectomized guinea pigs. Pasley JN, et al. **Sex Transm Dis** 1985 Jan-Mar;12(1):8-13

[The menopause. Therapeutic regimens] Derrien J. **Rev Fr Gynecol Obstet** 1985 Mar;80(4):223-5 (Eng. Abstr.) (Fre)

[The menopause. Therapeutic measures] Rozenbaum H. **Rev Fr Gynecol Obstet** 1985 Mar;80(4):227-9 (Eng. Abstr.) (Fre)

[Analysis of the correlation between the dose-response curve for prostaglandin F2alpha and the progress of pregnancy, cervix ripening, pharmacologic estrogen premedication and Partusisten administration in prostaglandin-induced labor] Czekanowski R, et al. **Zentralbl Gynakol** 1985;107(2):79-83 (Eng. Abstr.) (Ger)

[Mechanism and classification of hormone therapy for human breast cancer studied by changes of SHBG binding capacity] Murayama Y. **Gan No Rinsho** 1984 Dec; 30(15):1879-82 (Eng. Abstr.) (Jpn)

TOXICITY

Mechanisms of estrogen-induced myelotoxicity: evidence of thymic regulation. Luster MI, et al. **Int J Immunopharmacol** 1984;6(4):287-97

Mutagenicity of methyl 2-benzimidazolecarbamate, diethylstilbestrol and estradiol: structural chromosomal aberrations, sister-chromatid exchanges, C-mitoses, polyploidies and micronuclei. Banduhn N, et al. **Mutat Res** 1985 Jun;156(3):199-218

Alteration of behavioral sex differentiation by exposure to estrogenic compounds during a critical neonatal period: effects of zearalenone, methoxychlor, and estradiol in hamsters. Gray LE Jr, et al. **Toxicol Appl Pharmacol** 1985 Aug;80(1):127-36

ESTRADIOL ANTAGONISTS

Antagonism of central estrogen action by intracerebral implants of tamoxifen. Howard SB, et al. **Horm Behav** 1984 Sep;18(3):256-66

PHARMACODYNAMICS

The effect of estradiol on the sebaceous gland of the hamster ear and its antagonism by tamoxifen. Schäfer G, et al. **Arch Dermatol Res** 1985;277(3):230-4

Inhibition of the estradiol-induced growth of cultured human breast cancer cells by the anti-estrogens tamoxifen, desmethyl-tamoxifen, 4-hydroxy-tamoxifen and enclomiphene. Marth C, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):3951-6

ESTRADIOL BENZOATE see **ESTRADIOL**

ESTRADIOL-17BETA see **ESTRADIOL**

ESTRADIOL BINDING GLOBULIN see **SEX HORMONE BINDING GLOBULIN**

ESTRADIOL DEHYDROGENASES see under **17-HYDROXYSTEROID DEHYDROGENASES**

ESTRAMUSTINE see under **NITROGEN MUSTARD COMPOUNDS**

ESTRENES

Contragestion by antiprogestin: a new approach to human fertility control. Baulieu EE. **Ciba Found Symp** 1985; 115:192-210

ADMINISTRATION & DOSAGE

Pregnancy prevention by intravaginal delivery of a progesterone antagonist: RU486 tampon for menstrual induction and absorption. Hodgen GD. **Fertil Steril** 1985 Aug;44(2):263-7

[Effectiveness of 5-fluorouracil combined with hormones in low dose as a basal treatment for prostatic carcinoma] Takeuchi H. **Hinyokika Kiyo** 1984 Nov;30(11):1703-9 (Eng. Abstr.) (Jpn)

ADVERSE EFFECTS

A case of suspected teratogenic holoprosencephaly. Stabile M, et al. **J Med Genet** 1985 Apr;22(2):147-9

[Delayed effects of fetal and perinatal steroid therapy at receptor levels (considerations on results of possible iatrogenic damage)] Csaba G. **Orv Hetil** 1985 Apr 28; 126(17):1011-6 (Eng. Abstr.) (Hun)

ANALYSIS

Trenbolone levels in tissues of trenbolone acetate-implanted steers: radioimmunoassay determination using different antisera. O'Keeffe M. **Br Vet J** 1984 Nov-Dec;140(6):592-9

CHEMICAL SYNTHESIS

Mechanism of inactivation of 3-oxosteroid delta 5-isomerase by 17 beta-oxiranes. Bantia S, et al. **Biochemistry** 1985 May 21;24(11):2606-9

Thiol-containing androgens as suicide substrates of aromatase. Bednarski PJ, et al. **J Med Chem** 1985 Jun; 28(6):775-9

Synthesis and evaluation of novel N-substituted N'-(3-hydroxy-17-oxoestra-1,3,5(10)-trien-2- and -4-yl)thiourea derivatives for binding to the estrogen receptor and cytotoxic activity on MCF-7 cells. Omar AM, et al. **J Pharm Sci** 1984 Dec;73(12):1871-3

Synthesis of 3,4-estrogen-o-quinone. Abul-Hajj YJ. **J Steroid Biochem** 1984 Nov;21(5):621-2

DIAGNOSTIC USE

Limitations in the use of tritiated methyltrienolone for the photoaffinity labelling of androgen receptor proteins. Mainwaring WI, et al. **J Steroid Biochem** 1984 Sep; 21(3):209-16

METABOLISM

Free and conjugated zeranol residues determined by radio-immunoassay in urine and plasma of calves treated with Forplix. Duchatel JP, et al. **Ann Rech Vet** 1985; 16(1):93-7

Photoaffinity labelling of androgen receptors with 17 beta-hydroxy-17 alpha-[3H]methyl-4,9,11-estratrien-3-one. Brinkmann AO, et al. **Biochem Biophys Res Commun** 1985 Jan 16; 126(1):163-9

Androgen cytosol binding during compensatory overload-induced skeletal muscle hypertrophy. Hickson RC, et al. **Can J Biochem Cell Biol** 1985 May;63(5):348-54

Deficient 5 alpha-reductase due to mutant enzyme with reduced affinity to steroid substrate. el Awady MK, et al. **Enzyme** 1984;32(2):116-25

Chick oviduct glucocorticosteroid receptor. Specific binding of the synthetic steroid RU 486 and immunological studies with antibodies to chick oviduct progesterone receptor. Groyer A, et al. **Eur J Biochem** 1985 Jun 3;149(2):445-51

Determination of the binding of trenbolone and zeranol to rat-liver DNA in vivo as compared to 17 beta-oestradiol and testosterone. Barraud B, et al. **Food Addit Contam** 1984 Apr-Jun;1(2):147-55

Investigations on the occurrence of non-extractable residues of trienbolone acetate in cattle tissues in respect to their bioavailability and immunological reactivity. Hoffmann B, et al. **Food Addit Contam** 1984 Jul-Sep;1(3):253-9

3H-labelled RU 38486: characterization of binding sites in human uterine cytosol. Heubner A, et al. **J Clin Chem Clin Biochem** 1985 May;23(5):265-76

Reduced affinity of the androgen receptor for 5 alpha-dihydrotestosterone but not methyltrienolone in a form of partial androgen resistance. Studies on cultured genital skin fibroblasts. Pinsky L, et al. **J Clin Invest** 1985 Apr;75(4):1291-6

Binding of 3H-methyltrienolone (3H-R1881) to androgen receptors in human gingiva. Vittek J, et al. **J Periodont Res** 1985 Jan;20(1):41-6

Receptor binding of allylestrenol, a progestagen of the 19-nortestosterone series without androgenic properties. Bergink EW, et al. **J Steroid Biochem** 1985 Aug;23(2):165-8

Characterization of estrogen-induced progestin binding in cytosol of the R3327 prostatic carcinoma of the rat. Mobbs BG, et al. **J Steroid Biochem** 1985 Jan;22(1):57-62

Studies of a plasma membrane steroid receptor in Xenopus oocytes using the synthetic progestin RU 486. Sadler SE, et al. **J Steroid Biochem** 1985 Mar;22(3):419-26

Depletion of [3H]methyltrienolone cytosol binding in glucocorticoid-induced muscle atrophy. Kurowski TT, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):215-21

[Protein binding of steroids] Gandar R. **Rev Fr Gynecol Obstet** 1984 Feb;79(2):79-84, 87-9 (76 ref.) (Eng. Abstr.) (Fre)

PHARMACODYNAMICS

Studies on the glucocorticoid-receptor blocking action of RU 38486 in cultured ACTH-secreting human pituitary tumour cells and normal rat pituitary cells. Lamberts SW, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):64-9

Hydroperoxides as inactivators of aromatase: 10 beta-hydroperoxy-4-estrene-3,17-dione, crystal structure and inactivation characteristics. Covey DF, et al. **Biochemistry** 1984 Nov 6;23(23):5398-406

Ocular fluid dynamics response to topical RU486, a steroid blocker. Green K, et al. **Curr Eye Res** 1985 May;4(5):605-12

The antiprogestin RU38 486: receptor-mediated progestin versus antiprogestin actions screened in estrogen-insensitive T47Dco human breast cancer cells. Horwitz KB. **Endocrinology** 1985 Jun;116(6):2236-45

Mechanism of action of an antiprogesterone, RU486, in the rabbit endometrium. Effects of RU486 on the progesterone receptor and on the expression of the uteroglobin gene. Rauch M, et al. **Eur J Biochem** 1985 Apr 15;148(2):213-8

Inhibition of in vitro immunosuppressive effects of glucocorticosteroids by a competitive antagonist RU-486. Emilie D, et al. **Immunol Lett** 1984;8(4):183-6

Scheduled breeding of gilts after estrous synchronization with altrenogest. Davis DL, et al. **J Anim Sci** 1985 Mar; 60(3):599-602

The effect of parenteral use of estradiol, progesterone, testosterone and trenbolone on growth and carcass composition in pigs. De Wilde RO, et al. **J Anim Sci** 1984 Dec;59(6):1501-9

RU486, a progestin and glucocorticoid antagonist, inhibits the growth of breast cancer cells via the progesterone receptor. Bardon S, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):692-7

Endometrial and pituitary responses to the steroidal antiprogestin RU 486 in postmenopausal women. Gravanis A, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):156-63

Increased adrenocorticotropin, cortisol, and arginine vasopressin secretion in primates after the antiglucocorticoid steroid RU 486: dose response relationships. Healy DL, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):1-4

Effects of the antiprogesterone steroid RU 486 during midluteal phase in normal women. Schaison G, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):484-9

Effects of an antiprogesterone agent, RU-486, on the menstrual cycle of the rhesus monkey. Shortle B, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):731-5

The effects of RU486 on the luteal phase of the rhesus monkey. Asch RH, et al. **J Steroid Biochem** 1985 Feb; 22(2):227-30

An approach to the mechanism of the potent antiglucocorticoid: 17 beta-hydroxy-11 beta-4-dimethylaminophenyl-17 alpha-propynyl-estra-4,9-dien-3-one. Chasserot-Golaz S, et al. **J Steroid Biochem** 1984 Nov;21(5):585–91

[Effect of 7 alpha- and 7 beta-methyl-10 beta, 17 beta-diacetoxy-delta 4-estren-3-one on terminating early pregnancy] Chu YH, et al. **Yao Hsueh Hsueh Pao** 1984 Mar;19(3):173–7 (Eng. Abstr.) (Chi)

THERAPEUTIC USE

Comparison of the actions of RU 38486 and megestrol acetate in the model of a transplantable adrenocorticotropin- and prolactin-secreting rat pituitary tumor. Lamberts SW, et al. **Cancer Res** 1985 Mar;45(3):1015–9

Successful treatment of Cushing's syndrome with the glucocorticoid antagonist RU 486. Nieman LK, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):536–40

Effects of trenbolone acetate and propylene glycol on pregnancy toxaemia in ewes. Wierda A, et al. **Vet Rec** 1985 Mar 16;116(11):284–7

[Efficacy of allylestrenol in the prevention of habitual abortion] Grio R, et al. **Minerva Ginecol** 1985 Apr;37(4):171–2 (Eng. Abstr.) (Ita)

URINE

Fast high-performance liquid chromatographic screening method for the presence of trenbolone and its major metabolite in urine of slaughter cattle. Jansen EH, et al. **J Chromatogr** 1985 Feb 20;319(3):436–9

ESTRENOLONE see **NANDROLONE**

ESTRIOL

ANALOGS & DERIVATIVES

Rapid and simultaneous measurement of estrone, estradiol, estriol and estetrol in serum by high performance liquid chromatography with electrochemical detection. Hayashi N, et al. **Acta Med Okayama** 1985 Apr;39(2):143–53

Improved determination of estriol-16 alpha-glucuronide in pregnancy urine by direct liquid chromatography with fluorescence detection. Andreolini F, et al. **Clin Chem** 1985 Jan;31(1):124–6

Direct radioimmunoassay for estriol 3-sulfate 16-glucuronide using specific antiserum without deconjugation. Nambara T, et al. **Clin Chim Acta** 1985 Jul 15;149(2–3):275–80

Dehydroepiandrosterone sulphate loading test and determination of plasma oestetrol concentration in late pregnancy. Schollberg K, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):204–8

Hormonal monitoring of early pregnancy by a direct radioimmunoassay of steroid glucuronides in first morning urine. Mendizábal AF, et al. **Fertil Steril** 1984 Nov;42(5):737–40

15- and 16-hydroxylations of androgens and estrogens in the human fetal liver: a critical step in estetrol biosynthesis. Cantineau R, et al. **J Steroid Biochem** 1985 Feb;22(2):195–201

Preparation of specific antiserum to estriol 3-sulfate 16-glucuronide. Nambara T, et al. **J Steroid Biochem** 1984 Aug;21(2):199–204

Specific antisera for the radioimmunoassay of estriol 3-sulfate. Tanaka T, et al. **Steroids** 1984 Mar;43(3):235–42

ANALYSIS

Correlation of oestriol levels in saliva, plasma and urine of pregnant women. Lechner W, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):266–8

An enzyme-linked immuno sorbent assay for salivary estriol during normal pregnancy. Busacchi P, et al. **Acta Eur Fertil** 1985 May–Jun;16(3):195–7

Placental protein and hormone measurements in twin pregnancy. Westergaard JG, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):72–6

Salivary oestriol to progesterone ratio in relation to spontaneous labour [letter] Perry L, et al. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):1004–5

Automated continuous-flow radioimmunoassay for salivary estriol. Truran PL, et al. **Clin Chem** 1984 Oct;30(10):1678–82

ELISA for salivary and plasma estriol in pregnancy. Preti MS, et al. **Steroids** 1984 May;43(5):469–79

BIOSYNTHESIS

High-performance liquid chromatographic determination of aromatization of 16 alpha-hydroxylated androgens with human placental microsomes. Numazawa M, et al. **Anal Biochem** 1985 Apr;146(1):75–81

BLOOD

Quantitative changes in steroid and peptide hormones in the maternal-fetoplacental system between the 28th–40th weeks of pregnancy. Hercz P. **Acta Med Hung** 1985;42(1–2):29–39

Rapid and simultaneous measurement of estrone, estradiol, estriol and estetrol in serum by high performance liquid chromatography with electrochemical detection. Hayashi N, et al. **Acta Med Okayama** 1985 Apr;39(2):143–53

Estriol: absorption after long-term vaginal treatment and gastrointestinal absorption as influenced by a meal. Heimer G, et al. **Acta Obstet Gynecol Scand** 1984;63(6):563–7

Screening in pregnancy with unconjugated estriol compared with total estriol. Nielsen PV, et al. **Acta Obstet Gynecol Scand** 1985;64(4):297–301

The predictive value of total estriol; HPL and Hb on perinatal outcome in severe pre-eclampsia. Sagen N, et al. **Acta Obstet Gynecol Scand** 1984;63(7):603–8

An 'in-house' method for the assay of serum total oestriol in pregnancy using 125I label. Rege V. **Ann Clin Biochem** 1985 Jan;22 (Pt 1):98–103

Unconjugated oestriol in the cord blood of infants delivered by caesarean section at term. Farquharson RG, et al. **Arch Gynecol** 1984;236(2):77–82

Sex steroid hormone concentrations in preterm labour and the outcome of treatment with ritodrine. Hanssens MC, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):698–702

Which is the best placental function test? A comparison of placental lactogen and unconjugated oestriol in the prediction of intrauterine growth retardation. Chard T, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jan;19(1):13–7

Is serum free estriol measurement essential in the management of hypertensive disorders during pregnancy? Sharf M, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Aug;17(6):365–75

Retrograde time-scale analysis of human placental lactogen, beta human chorionic gonadotropin, and unconjugated estriol levels in human maternal serum from the onset of spontaneous labor. Furuhashi N, et al. **Gynecol Obstet Invest** 1984;18(5):264–8

Placental alkaline phosphatase compared with human placental lactogen and oestriol in high-risk pregnancies. Ronin-Walknowska E, et al. **Gynecol Obstet Invest** 1984;18(4):206–11

Predictive value of uterine contractility and the serum levels of progesterone and oestrogens with regard to preterm labour. Smit DA, et al. **Gynecol Obstet Invest** 1984;18(5):252–63

Total oestriol in maternal serum or plasma as measured by liquid chromatography. Andreolini F, et al. **J Chromatogr** 1985 Feb 8;337(2):379–83

Rapid measurement of oestradiol and oestriol by high-performance liquid chromatography after automatic pretreatment. Dohji T, et al. **J Chromatogr** 1984 Nov 28;311(2):249–55

Maternal serum progesterone, 17 beta-estradiol and estriol are increased in pregnancies which follow treatment with human menopausal gonadotropins: effects of multiple gestation and maternal endocrine status. Haning RV Jr, et al. **J Steroid Biochem** 1985 Jun;22(6):823–9

Estriol versus nonstress testing [letter] Sheriff DS. **Obstet Gynecol** 1985 Sep;66(3):448

Simultaneous and serial measurement of serum levels of human placental lactogen, beta-human chorionic gonadotropin and unconjugated estriol levels in pregnant women. Furuhashi N, et al. **Tohoku J Exp Med** 1984 Oct;144(2):211–5

[Dehydroepiandrosterone sulfate and serum immunoreactive estriol in biologically prolonged pregnancy] Ananiev V. **Akush Ginekol (Sofiia)** 1984;23(5):396–9 (Eng. Abstr.) (Bul)

[Studies on the alteration of the unconjugated estriol level of the maternal vein after the onset of labor] Kohno H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul;37(7):1059–63 (Eng. Abstr.) (Jpn)

[The influences of prostaglandin E2 on hormones in maternal-fetoplacental unit] Miyakawa I, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug;36(8):1197–202 (Eng. Abstr.) (Jpn)

[Rapid measurement of estriol & estradiol by high performance liquid chromatography (HPLC)] Uchida N, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug;36(8):1249–53 (Eng. Abstr.) (Jpn)

[Usefulness of an enzymatic method of determining placental lactogen and estriol in the serum and cardiotocographic recording in monitoring high-risk pregnancy] Pisarek-Miedzińska D, et al. **Ginekol Pol** 1984 Aug;55(8):583–94 (Eng. Abstr.) (Pol)

[Unconjugated estriol levels in the blood of pregnant women with acquired heart defects] Granovskaia TN, et al. **Akush Ginekol (Mosk)** 1984 Dec;(12):20–2 (Eng. Abstr.) (Rus)

METABOLISM

Evaluation and correlation of hormone levels in normal and pathologic pregnancies. Bartl W, et al. **Biol Res Pregnancy Perinatol** 1984;5(4):143–8

A comparison of saliva, plasma unconjugated and plasma total oestriol levels throughout normal pregnancy. Lachelin GC, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1203–9

Salivary oestriol in normal and abnormal pregnancies. Truran PL, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1210–5

Drugs affecting the hormonal receptors of normal and leukaemic peripheral leucocytes. Notario A, et al. **Int J Tissue React** 1984;6(5):413–20

Binding of estradiol-17 beta and estriol in cytosolic and nuclear fractions from urogenital tissues. Batra S, et al. **J Steroid Biochem** 1984 Aug;21(2):163–8

PHARMACODYNAMICS

Pituitary luteinizing hormone-releasing hormone receptors in ovariectomized cows after challenge with ovarian steroids. Schoenemann HM, et al. **Biol Reprod** 1985 Apr;32(3):574–83

Granulocyte-macrophage colony-stimulating activity in the serum of estriol-treated mice. Hayama T, et al. **Exp Hematol** 1985 Aug;13(7):658–63

Estriol-induced changes in ovary and oviduct of the domestic pigeon Columbia livia Gmelin. Manna CK, et al. **Indian J Exp Biol** 1984 Jun;22(6):335–7

Effect on lipoproteins of Trisequens, a combined hormone preparation. Fletcher CD, et al. **Maturitas** 1984 Nov;6(3):279–83

Polyamine biosynthetic decarboxylase activities following estradiol-17 beta or estriol stimulation of the immature rat uterus. Lavia LA, et al. **Steroids** 1983 Dec;42(6):609–18

Rat uterine polyamine biosynthetic decarboxylase activities following multiple injections of estradiol-17 beta and/or estriol. Lavia LA, et al. **Steroids** 1984 Apr;43(4):415–27

PHYSIOLOGY

A function for estriol during human pregnancy—a hypothesis. Cohen SL. **Clin Biochem** 1985 Apr;18(2):85–7

THERAPEUTIC USE

A continuous estrogen-progestogen regimen for climacteric complaints. Effects on lipid and lipoprotein metabolism. Mattsson LA, et al. **Acta Obstet Gynecol Scand** 1984;63(8):673–7

Estrogen-progestogen replacement in climacteric women, particularly as regards a new type of continuous regimen. Mattsson LA, et al. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:53–8

Continuous treatment with a combination of estrogen and gestagen—a way of avoiding endometrial stimulation. Clinical experiences with Kliogest. Staland B. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:29–35

Benefits of vaginal estriol cream combined with clonidine HCL for menopausal syndrome treatment. Blum M. **Clin Exp Obstet Gynecol** 1985;12(1–2):1–2

Urethral sphincteric insufficiency in postmenopausal females: treatment with phenylpropanolamine and estriol separately and in combination. A urodynamic and clinical evaluation. Beisland HO, et al. **Urol Int** 1984;39(4):211–6

URINE

Paediatric follow-up of pregnancies complicated by subnormal oestriol excretion. Wade RW, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):622–8

Commercial kit for total estriol used for monitoring 24-h urinary estriol in non-pregnant women [letter] Masters AM, et al. **Clin Chem** 1985 Aug;31(8):1418

Evaluation of urinary estriol by latex agglutination inhibition reaction. Dessole S, et al. **Clin Exp Obstet Gynecol** 1985;12(1–2):40–2

Determination of oestriol in pregnancy urine by normal-phase high-performance liquid chromatography with electrochemical detection. Gunasingham H, et al. **J Chromatogr** 1985 Jun 14;341(2):271–8

Urinary estriols in diabetic pregnancy: a reappraisal. Dooley SL, et al. **Obstet Gynecol** 1984 Oct;64(4):469–75

[Placental perfusion, endocrine parameters of pregnancy and cardiotocographic non-stress tests in cases of intrauterine retardation] Doszpod J, et al. **Zentralbl Gynakol** 1984;106(21):1413–8 (Eng. Abstr.) (Ger)

[Studies on changes in serum estrone, estradiol, estriol, DHA-S, and cortisol and urinary estriol excretion] Ikeno N, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):99–106 (Eng. Abstr.) (Jpn)

[Endocrinological and histochemical studies of placental sulfatase deficiency] Kawano K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Mar;37(3):370–6 (Eng. Abstr.) (Jpn)

[Measurement of radioimmunoassay of urinary estriol during pregnancy] Merino de García M, et al. **Ginecol Obstet Mex** 1983 Jun;51(314):137–41 (Eng. Abstr.) (Spa)

[Correlation between 12-hour and 24-hour urinary excretion of estriol in healthy pregnant women] Bernal J, et al. **Rev Chil Obstet Ginecol** 1983;48(4):270–5 (Eng. Abstr.) (Spa)

[Urinary estriol in high-risk pregnancies. Bibliographic and clinical review] Concha Garretón J, et al. **Rev Chil Obstet Ginecol** 1981;46(5):263–77 (Eng. Abstr.) (Spa)

[Identification of the high-risk fetus: basal electronic monitoring of the heart rate of the fetus and the maternal urinary estriol curve] Donoso E, et al. **Rev Chil Obstet Ginecol** 1983;48(6):432–41 (Eng. Abstr.) (Spa)

ESTROGEN ANALOGS see **ESTROGENS, SYNTHETIC**

ESTROGEN ANTAGONISTS

Antiestrogenic effect of trifluoperazine in mice. Lyman SD, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2221–4

Keoxifene shows pure antiestrogenic activity in pituitary gonadotrophs. Simard J, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):141–4

CHEMICAL SYNTHESIS

Ring-substituted 1,1,2,2-tetraalkylated 1,2-bis(hydroxyphenyl)ethanes. 4. Synthesis, estrogen receptor binding affinity, and evaluation of antiestrogenic and mammary tumor inhibiting activity of symmetrically disubstituted 1,1,2,2-tetramethyl-1,2-bis(hydroxyphenyl)ethanes. Hartmann RW, et al. **J Med Chem** 1985 Sep;28(9):1295-301

Synthesis and evaluation of novel N-substituted N'-(3-hydroxy-17-oxoestra-1,3,5(10)-trien-2- and -4-yl)thiourea derivatives for binding to the estrogen receptor and cytotoxic activity on MCF-7 cells. Omar AM, et al. **J Pharm Sci** 1984 Dec;73(12):1871-3

METABOLISM

Antiestrogen binding in antiestrogen growth-resistant estrogen-responsive clonal variants of MCF-7 human breast cancer cells. Miller MA, et al. **Cancer Res** 1984 Nov;44(11):5038-45

Interactions of estrogen-receptor and antiestrogen-receptor complexes with nuclei in vitro. Cushing CL, et al. **Endocrinology** 1985 Jun;116(6):2419-29

An evaluation of the role of antiestrogen-binding sites in mediating the growth modulatory effects of antiestrogens: studies using t-butylphenoxyethyl diethylamine, a compound lacking affinity for the estrogen receptor. Sheen YY, et al. **Endocrinology** 1985 Aug;117(2):561-4

High affinity cytosol binding site(s) for antiestrogens in two human breast cancer cell lines and in biopsy specimens devoid of estrogen receptors. Chouvet C, et al. **J Steroid Biochem** 1984 Dec;21(6):755-61

Interaction of non-steroidal antiestrogens with dopamine receptor binding. Hiemke C, et al. **J Steroid Biochem** 1984 Dec;21(6):663-7

Interaction of the antiestrogen [3H]H1285 with the two forms of the molybdate-stabilized calf uterine estrogen receptor. Keene JL, et al. **J Steroid Biochem** 1984 Dec;21(6):625-31

Disposition and metabolism of a new benzothiophene antiestrogen in rats, dogs and monkeys. Lindstrom TD, et al. **Xenobiotica** 1984 Nov;14(11):841-7

PHARMACODYNAMICS

Effects of the antiestrogen CI-628 on hCG-induced desensitization of testosterone in purified Leydig cells. Keel BA, et al. **Arch Androl** 1984;13(1):71-5

Treatment with different antiestrogens in the neonatal period and effects in the cervicovaginal epithelium and ovaries of adult mice: a comparison to estrogen-induced changes. Forsberg JG. **Biol Reprod** 1985 Mar;32(2):427-41

Antiestrogen action in breast cancer cells: modulation of proliferation and protein synthesis, and interaction with estrogen receptors and additional antiestrogen binding sites. Katzenellenbogen BS, et al. **Breast Cancer Res Treat** 1985;5(3):231-43

Effect of estrogens and antiestrogens on growth-regulatory enzymes in human breast cancer cells in tissue culture. Aitken SC, et al. **Cancer Res** 1985 Apr;45(4):1611-20

Relation of estrogen receptor expression to clonal growth and antiestrogen effects on human breast cancer cells. Kouama F, et al. **Cancer Res** 1985 Jun;45(6):2720-4

Effect of estrogens and antiestrogens on growth of human breast cancer cells in athymic nude mice. Osborne CK, et al. **Cancer Res** 1985 Feb;45(2):584-90

Antiestrogenic potency and binding characteristics of the triphenylethylene H1285 in MCF-7 human breast cancer cells. Sheen YY, et al. **Cancer Res** 1985 Sep;45(9):4192-9

Opposing biological actions of antiestrogens in vitro and in vivo: induction of progesterone receptor in the rat and mouse uterus. Campen CA, et al. **Endocrinology** 1985 Jun;116(6):2327-36

Estrogen dependence of luteinizing hormone receptor expression in cultured rat granulosa cells. Inhibition of granulosa cell development by the antiestrogens tamoxifen and keoxifene. Knecht M, et al. **Endocrinology** 1985 May;116(5):1771-7

Effects of an antiestrogen on subfractions of HDL cholesterol during estrogen replacement therapy. Ottosson UB, et al. **Gynecol Obstet Invest** 1984;18(3):140-6

Mechanism of action of estrogen agonists and antagonists. Clark JH, et al. **J Anim Sci** 1979;49 Suppl 2:46-65 (54 ref.)

Anti-proliferative effects of 1,2-diphenylethane oestrogens and anti-oestrogens on human breast cancer cells. Hartmann RW, et al. **J Cancer Res Clin Oncol** 1985;110(1):17-24

Antioestrogen inhibition of oestradiol-induced alterations in hypothalamic noradrenaline turnover. Hiemke C, et al. **J Endocrinol** 1985 Jul;106(1):37-42

The antiestrogenic effect of clomiphene on perineal tumescence of the baboon in an in vitro fertilization program. Van der Merwe JV, et al. **J In Vitro Fert Embryo Transfer** 1985 Mar;2(1):46-8

Structure-activity relationship of estrogens: receptor affinity and estrogen antagonist activity of certain (E)- and (Z)-1,2,3-triaryl-2-propen-1-ones. Mittal S, et al. **J Med Chem** 1985 Apr;28(4):492-7

Inhibition of intestinal smooth muscle function by tamoxifen and clomiphene. Morris ID. **Life Sci** 1985 Jul 22;37(3):273-8

Relationships among uterine growth, ornithine decarboxylase activity and polyamine levels: studies with estradiol and antiestrogens. Rorke EA, et al. **Mol Cell Endocrinol** 1984 Nov;38(1):31-8

Structural requirements for the pharmacological activity of nonsteroidal antiestrogens in vitro. Jordan VC, et al. **Mol Pharmacol** 1984 Sep;26(2):272-8

Biochemical pharmacology of antiestrogen action. Jordan VC. **Pharmacol Rev** 1984 Dec;36(4):245-76 (328 ref.)

Structural basis for chemotherapeutic action of antiestrogens. Duax WL, et al. **Prog Clin Biol Res** 1985;172B:263-73

[Effects of antiestrogens and medroxyprogesterone acetate on the clonogenic growth of tamoxifen-sensitive and resistant human breast cancer cells] Nomura Y, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):844-50 (Eng. Abstr.) **(Jpn)**

[Effects of subacute treatment with clomiphene, ethamoxytriphetol (Mer-25), and nafoxidine on blood calcium and bone density in rats] Sala Blanco J, et al. **Rev Esp Oncol** 1982;29(3):497-503 (Eng. Abstr.) **(Spa)**

THERAPEUTIC USE

Preventive effects of antioestrogen on mammary and pituitary tumorigenesis in rats. Sumi C, et al. **Br J Cancer** 1984 Dec;50(6):779-84

Treatment of fibrocystic disease of the breast with gestrinone, a new trienic synthetic steroid with anti-estrogen, anti-progesterone properties. Coutinho EM, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):363-6

Second-line endocrine management: anti-androgens and anti-estrogens. de Voogt HJ. **Prog Clin Biol Res** 1985;185A:351-7 (21 ref.)

Response to aminoglutethimide after failure of tamoxifen therapy in breast cancer. Sutherland CM, et al. **South Med J** 1985 Aug;78(8):987-9

[Hormonal dependence and hormonal therapy of cancers of the endometrium and breast] Barrat J. **Rev Fr Gynecol Obstet** 1985 Jul;80(7):549-53 (Eng. Abstr.) **(Fre)**

[Current trends in the clinical use of non-steroidal antiestrogens] Gus AI. **Akush Ginekol (Mosk)** 1984 Aug;(8):9-13 (25 ref.) **(Rus)**

[Current approaches to hormonal therapy of breast cancer in men] Letiagin VP, et al. **Ter Arkh** 1984;56(9):122-4 (Eng. Abstr.) **(Rus)**

TOXICITY

In vitro characterization of new antiestrogens in human mammary tumor cells. Eppenberger U, et al. **Recent Results Cancer Res** 1984;94:245-52

ESTROGEN RECEPTORS see **RECEPTORS, ESTROGEN**

ESTROGENIC SUBSTANCES, CONJUGATED

ADMINISTRATION & DOSAGE

Cyclic therapy resulted in pregnancy in premature ovarian failure. Ohsawa M, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):64S-67S

ADVERSE EFFECTS

Oral estrogen replacement and abdominal pain. A report of two cases. Ansbacher R. **J Reprod Med** 1984 Dec;29(12):881-2

Comparison of lipid and androgen levels after conjugated estrogen or depo-medroxyprogesterone acetate treatment in postmenopausal women. Barnes RB, et al. **Obstet Gynecol** 1985 Aug;66(2):216-9

ANALYSIS

A comparison of three methods of hydrolysis for estrogen conjugates. Bain JD, et al. **Steroids** 1984 Jun;43(6):603-19

A double antibody radioimmunoassay for free and conjugated estradiol-17 beta in cow's milk. Saumande J, et al. **Steroids** 1984 Aug;44(2):137-52

BLOOD

Stimulation of androgen and oestrogen concentrations in plasma of cows after administration of a synthetic glucocorticoid (flumethasone) at the end of gestation. Möstl E, et al. **J Endocrinol** 1985 Apr;105(1):121-6

Steroid sulfatase activities in normal and cirrhotic livers and plasma levels of estrone sulfate, estrone and estradiol-17 beta in men. Prost O, et al. **Steroids** 1984 Feb;43(2):189-99

DIAGNOSTIC USE

Colposcopy for postmenopausal women. Kishi Y, et al. **Gynecol Oncol** 1985 Jan;20(1):62-70

METABOLISM

Oestradiol-BSA conjugates for receptor histochemistry: problems of stability and interactions with cytosol. Binder M. **Histochem J** 1984 Sep;16(9):1003-23

PHARMACODYNAMICS

Possible site of negative and positive feedback action of oestrogen on gonadotrophin secretion in normal women. Nagahara Y, et al. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):440-4

Effect of natural estrogen on the serum level of follicle-stimulating hormone (FSH), estradiol and estrone in post-menopausal women and its effect on endometrium. Varma TR, et al. **Acta Obstet Gynecol Scand** 1985;64(2):105-9

Site of negative feedback action of estrogen on gonadotropin secretion in normal women. Nagahara Y, et al. **Endocrinol Jpn** 1984 Oct;31(5):529-32

THERAPEUTIC USE

A double-blind comparative study of Estraderm and Premarin in the amelioration of postmenopausal symptoms. Place VA, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1092-9

Effects of estrogen treatment on sexual behavior in male-to-female transsexuals: experimental and clinical observations. Kwan M, et al. **Arch Sex Behav** 1985 Feb;14(1):29-40

Lack of efficacy of estrogen supplementation to imipramine in resistant female depressives. Shapira B, et al. **Biol Psychiatry** 1985 May;20(5):576-9

Critical analysis of height reduction in oestrogen-treated tall girls. Sorgo W, et al. **Eur J Pediatr** 1984 Sep;142(4):260-5

Ovulation induction in hypergonadotropic amenorrhea with estrogen and human menopausal gonadotropin therapy. Check JH, et al. **Fertil Steril** 1984 Dec;42(6):919-22

Treatment of uraemic bleeding with conjugated oestrogen. Liu YK, et al. **Lancet** 1984 Oct 20;2(8408):887-90

Final height in estrogen-treated patients with Turner syndrome. Demetriou E, et al. **Obstet Gynecol** 1984 Oct;64(4):459-64

Amenorrhea and endometrial atrophy with continuous oral estrogen and progestogen therapy in postmenopausal women. Magos AL, et al. **Obstet Gynecol** 1985 Apr;65(4):496-9

Effects of estrogen therapy on vaginal physiology during menopause. Semmens JP, et al. **Obstet Gynecol** 1985 Jul;66(1):15-8

[Estrogenic vaginal creams and calciuria in postmenopausal women] Blum M, et al. **Rev Fr Gynecol Obstet** 1984 Jul-Sep;79(7-9):571-3 (Eng. Abstr.) **(Fre)**

[Treatment of the climacteric syndrome. Controlled study of a combination of low-dose clonidine and low-dose conjugated estrogens] Schindler AE, et al. **Fortschr Med** 1984 Dec 20;102(47-48):1213-6 (Eng. Abstr.) **(Ger)**

ESTROGENS

Re: 'Smoking and estrogen-related disease' [letter] Lund E. **Am J Epidemiol** 1985 Feb;121(2):324-5

Estrogen-like effects of combined dexamethasone and tamoxifen in the chick oviduct. Gravanis A, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):57-62

Estrogen 2- and 4-hydroxylase activity, catechol estrogen formation, and implications for estrogen carcinogenesis in the hamster kidney. Li SA, et al. **Cancer Res** 1985 Jan;45(1):181-5

The oestrogenicity of equol in sheep. Kaziro R, et al. **J Endocrinol** 1984 Dec;103(3):395-9

Apparent stereochemical complementarity of estrogens and helical cavities between DNA base pairs: implications for the mechanism of action of steroids. Bransome ED Jr, et al. **J Theor Biol** 1985 Jan 7;112(1):97-108

Noncontraceptive estrogens and progestins: use patterns over time. Kennedy DL, et al. **Obstet Gynecol** 1985 Mar;65(3):441-6

[Estrogens and breast cancer] Sarría JA. **Rev Fac Cien Med Univ Nac Cordoba** 1984;42(1):27-8, 31-2 **(Spa)**

ADMINISTRATION & DOSAGE

Oral progesterone and estrogen/progestogen therapy. Effects of natural and synthetic hormones on subfractions of HDL cholesterol and liver proteins. Ottosson UB. **Acta Obstet Gynecol Scand [Suppl]** 1984;127:1-37

Pharmacokinetics and pharmacodynamics of transdermal dosage forms of 17 beta-estradiol: comparison with conventional oral estrogens used for hormone replacement. Powers MS, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1099-106

The influence of estrogen and prolactin on Hageman factor (factor XII) titer in ovariectomized and hypophysectomized rats. Gordon EM, et al. **Blood** 1985 Sep;66(3):602-5

Influence of estrogen administration on tumor characteristics and survival in women with cutaneous melanoma. Lederman JS, et al. **JNCI** 1985 May;74(5):981-5

Addition of estrogen to imipramine in female-resistant depressives. Zohar J, et al. **Psychopharmacol Bull** 1985;21(3):705-6

Studies on osteoporosis X. Effect of estrogen-progestin combination on heparin-induced osteoporosis. Robin JC, et al. **Steroids** 1983 Dec;42(6):669-75

[Transdermal therapeutic systems and steroids] Presl J. **Cesk Gynekol** 1984 Aug;49(7):518-20 **(Cze)**

[Post-coital contraception with estrogens. Mechanism of action, results and sequelae in a caseload of 123 cases] Monasterolo F. **Minerva Ginecol** 1984 Jul-Aug;36(7-8):451-4 (Eng. Abstr.) **(Ita)**

ADVERSE EFFECTS

Oral contraceptives and the cobalamin (vitamin B12) metabolism. Hjelt K, et al. **Acta Obstet Gynecol Scand** 1985;64(1):59-63

Does estrogen replacement therapy predispose to thrombosis? Astedt B. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:71–4

The influence of hormonal replacement therapy on lipid and lipoprotein metabolism. Crona N, et al. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:49–52

The risk of endometrial and breast cancer after estrogen treatment. A review of epidemiological studies. Persson I. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:59–66

Cryptorchism and maternal estrogen exposure. Beard CM, et al. **Am J Epidemiol** 1984 Nov;120(5):707–16

Sex-dimorphic behavior in childhood subsequent to prenatal exposure to exogenous progestogens and estrogens. Ehrhardt AA, et al. **Arch Sex Behav** 1984 Oct;13(5):457–77

Effects of prenatal hormone exposure versus pregnancy complications on sex-dimorphic behavior. Meyer-Bahlburg HF, et al. **Arch Sex Behav** 1984 Oct;13(5):479–95

Photosensitized irreversible binding of estrone to protein via a hydroperoxide intermediate: an explanation of (photo-) allergic side-effects of estrogens. Sedee AG, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):675–81

Impairment of caffeine clearance by chronic use of low-dose oestrogen-containing oral contraceptives. Abernethy DR, et al. **Eur J Clin Pharmacol** 1985;28(4):425–8

Endometrial 'sarcomas' complicating ovarian thecoma, polycystic ovarian disease and estrogen therapy. Press MF, et al. **Gynecol Oncol** 1985 Jun;21(2):135–54

Elevated free cortisol plasma levels in patients with prostatic carcinoma undergoing treatment with estrogens. Clerico A, et al. **Int J Clin Pharmacol Res** 1984;4(5):335–9

Gynecomastia caused by estrogen containing hair lotion. Gottswinter JM, et al. **J Endocrinol Invest** 1984 Aug;7(4):383–6

The relationship of estrogen and progesterone to breast disease. Brooks PG. **J Reprod Med** 1984 Jul;29(7 Suppl):530–8

Cancer risk among women exposed to exogenous estrogens during pregnancy. Hadjimichael OC, et al. **JNCI** 1984 Oct;73(4):831–4

Estrogens in cosmetics. **Med Lett Drugs Ther** 1985 Jun 21;27(690):54–5

Breast cancer in postmenopausal estrogen-progestogen users [letter] Lee NC, et al. **Obstet Gynecol** 1984 Dec;64(6):832–4

Hyperprolactinemia and contraception: a prospective study. Luciano AA, et al. **Obstet Gynecol** 1985 Apr;65(4):506–10

How progestins prevent endometrial cancer. Siddle NC. **Rev Fr Gynecol Obstet** 1985 Mar;80(4):219–21

[Estrogens or progestational agents? (letter)] de Lignières B. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(5):579–80 **(Fre)**

[Treatment of the menopause: estrogens and breast cancer] Gorins A. **Rev Fr Gynecol Obstet** 1985 Mar;80(4):211–4 (Eng. Abstr.) **(Fre)**

[Estrogens and the endometrium] Rochet Y. **Rev Fr Gynecol Obstet** 1985 Mar;80(4):217–8 (Eng. Abstr.) **(Fre)**

[The menopause and vascular risk] Rozenbaum H. **Rev Fr Gynecol Obstet** 1985 Mar;80(4):231–4 (Eng. Abstr.) **(Fre)**

[Recurrent thrombosis of the subclavian vein during estrogen therapy of prostatic cancer (letter)] Carl P. **Dtsch Med Wochenschr** 1985 Jan 25;110(4):155 **(Ger)**

[Oral contraceptives and menopausal estrogens in relation to breast neoplasia] Brzezinski A, et al. **Harefuah** 1983 Jun;104(11–12):520–3 **(Heb)**

[Endocrinologic aspects of benign prostatic hyperplasia (prostatic adenoma). (Can hormone therapy of the disease be justified in 1984?)] Holló I, et al. **Orv Hetil** 1984 Oct 28;125(44):2675–8 (Eng. Abstr.) **(Hun)**

[Hepato-biliary complications of estro-progestin therapy] Turco D. **Ann Osp Maria Vittoria Torino** 1983 Jul–Dec;26(7–12):326–39 (Eng. Abstr.) **(Ita)**

[Perinatal effects of sex hormones and the problem of hormonal carcinogenesis] Loktionov AS. **Vopr Onkol** 1985;31(2):3–12 (77 ref.) **(Rus)**

ANALYSIS

Contribution of individual compartments of the genital tract to oestrogen and testosterone concentrations in ejaculates of the boar. Claus R, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):281–8

Seasonal changes of steroid concentrations in seminal plasma of a European wild boar. Schopper D, et al. **Acta Endocrinol (Copenh)** 1984 Nov;107(3):425–7

Immunoreactive oestrogens and progesterone in amniotic fluid in twin pregnancies. Norman RJ, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):216–9

Endogenous concentration and subcellular distribution of estrogens in normal and malignant human breast tissue. van Landeghem AA, et al. **Cancer Res** 1985 Jun;45(6):2900–6

Studies on high-performance liquid chromatography with electrochemical detection. The pH-dependency of enzymic sulfation of catechol estrogens. Shimada K, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):685–9

Enzymatic determination of unconjugated oestrogens in faeces for pregnancy diagnosis in mares. Bamberg E, et al. **Equine Vet J** 1984 Nov;16(6):537–9

Follicular fluid inhibin activity and steroid levels in ovarian tissue obtained at autopsy from human infants from 18 to 200 days of age. Channing CP, et al. **Fertil Steril** 1984 Dec;42(6):861–9

Naturally occurring oestrogens in foods—a review. Price KR, et al. **Food Addit Contam** 1985 Apr–Jun;2(2):73–106

Reversed-phase high-performance liquid chromatography for the determination of steroid hormones in oral contraceptives. Bond AM, et al. **J Chromatogr** 1984 Dec 19;315:313–20

Liquid chromatographic analysis of conjugated and esterified estrogens in tablets. Roos RW, et al. **J Pharm Sci** 1985 Feb;74(2):201–4

17 beta-hydroxysteroid dehydrogenase activity in leiomyoma and myometrium and its relationship to concentrations of oestrone, oestradiol and progesterone throughout the menstrual cycle. Newton CJ, et al. **J Steroid Biochem** 1985 Apr;22(4):487–93

[Clinical thinking in modern obstetrics. II. The hormonal and cardiotocographic aspects] Katsurov A. **Akush Ginekol (Sofiia)** 1985;24(2):1–8 (51 ref.) **(Bul)**

[Preliminary results of a prospective study of microcirculatory disorders in alcoholic fibro-cirrhosis. Relation to hyperestrogenism] Janbon C, et al. **J Mal Vasc** 1985;10 Suppl A:173–5 (Eng. Abstr.) **(Fre)**

[The use of the causation test in the analysis of data relative to research on residues of estrogenic substances by the biological method] Croci L, et al. **Nuovi Ann Ig Microbiol** 1984 Jan–Feb;35(1):63–9 (Eng. Abstr.) **(Ita)**

[Current topics in radiopharmaceuticals in Japan. (VII). Recent progress in radioimmunoassay with special reference to steroids] Nambara T. **Radioisotopes** 1984 Jun;33(6):413–22 (37 ref.) **(Jpn)**

BIOSYNTHESIS

Somatomedin C augments FSH-induced differentiation of cultured rat granulosa cells. Davoren JB, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E26–33

Influence of human chorionic gonadotropin and prostaglandins on the steroid metabolism of the perfused human placenta. Wolf AS, et al. **Contrib Gynecol Obstet** 1985;13:162–4

Estrogen biosynthesis in human liver—a comparison of aromatase activity for C-19 steroids in fetal liver, adult liver and hepatoma tissues of human subjects. Yamamoto T, et al. **Endocrinol Jpn** 1984 Jun;31(3):277–81

Factors affecting the conversion of androstenedione to estrogens by human fetal hepatocytes in monolayer culture. Lanoux MJ, et al. **Endocrinology** 1985 Jul;117(1):361–8

Reevaluation of the effects of cytochalasins on steroidogenesis: studies on hamster granulosa cells. Silavin SL, et al. **Endocrinology** 1984 Oct;115(4):1511–6

Disparate effects of triphenylethylene antiestrogens on estrogen and progestin biosyntheses by cultured rat granulosa cells. Welsh TH Jr, et al. **Endocrinology** 1984 Oct;115(4):1275–82

Kinetic studies on the enzymes involved in estrogen biosynthesis and evidence for existence of a single 5-Ene-3beta-hydroxysteroid dehydrogenase complex in the ovary of the freshwater catfish, Clarias batrachus. Singh S, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):458–63

Synthesis of steroid hormones by granulosa cells of the ovary in vitro. Skrzypczak J. **Ginekol Pol** 1984 May;55(5):301–5

Estrogen biosynthesis in leiomyoma and myometrium of the uterus. Yamamoto T, et al. **Horm Metab Res** 1984 Dec;16(12):678–9

Follicular growth and production of estrogen and progesterone after injection of gilts with human chorionic gonadotropin on day 12 of the estrous cycle. Guthrie HD, et al. **J Anim Sci** 1984 Nov;59(5):1295–302

7 alpha-substituted derivatives of androstenedione as inhibitors of estrogen biosynthesis. Darby MV, et al. **J Med Chem** 1985 Jun;28(6):803–7

Oxygen dependence of oestrogen production by human placental microsomes and cultured choriocarcinoma cells. Aw TY, et al. **J Steroid Biochem** 1985 Jun;22(6):753–8

Progesterone production in adenocarcinoma of the colon metastatic to the ovaries. Jolles CJ, et al. **Obstet Gynecol** 1985 Jun;65(6):853–7

Characteristics of the inhibitory effect of chronic treatment with an LHRH agonist on testicular steroidogenesis in the dog. Tremblay Y, et al. **Prostate** 1984;5(6):631–8

[Biosynthesis of steroid hormones in the fetoplacental unit] Nakayama T, et al. **Nippon Rinsho** 1984 Nov;42(11):2404–9 (24 ref.) **(Jpn)**

[Changes in placental enzymatic activities in relation to estrogen production during pregnancy] Ishida T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr;37(4):547–54 (Eng. Abstr.) **(Jpn)**

[Functional interrelationship between granulosa and theca lutein cells in steroidogenesis in vitro by human corpus luteum] Nihnobu K. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr;37(4):581–90 (Eng. Abstr.) **(Jpn)**

BLOOD

Hyperestrogenemia, diet, and disorders of Western societies. Phillips GB. **Am J Med** 1985 Mar;78(3):363–6

Association of hyperestrogenemia and coronary heart disease in men in the Framingham cohort [letter] Zumoff B. **Am J Med** 1985 Jan;78(1):A64, A76

Interaction of ovarian steroids and periarterial alpha 1-adrenergic receptors in altering uterine blood flow during the estrous cycle of gilts. Ford SP, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):480–4

Hormone levels and premenstrual syndrome [letter] Martin AJ. **Am J Obstet Gynecol** 1985 Jun 1;152(3):361–2

Modulation of thymosin beta 4 by estrogen. Suh BY, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):544–9

Contribution to the pathogenesis of dysmenorrhea. Zahradnik HP, et al. **Arch Gynecol** 1984;236(2):99–108

Serum total estrogen levels and urinary excretion of calcium and hydroxyproline in premenopausal and postmenopausal Chinese women. Ouyang PC, et al. **Asia Oceania J Obstet Gynaecol** 1984 Dec;10(4):467–71

The effects of age and body composition on circulating serum oestrogens and androstenedione after the menopause. Jensen J, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):260–5

Diethylstilbestrol inhibits the estrogen-binding activity of pregnancy plasma; possible role in DES-associated pathology [letter] Savu L, et al. **Clin Chem** 1985 Aug;31(8):1409–10

Regression of leiomyomata uteri following hypoestrogenism induced by repetitive luteinizing hormone-releasing hormone agonist treatment: preliminary report. Maheux R, et al. **Fertil Steril** 1984 Oct;42(4):644–6

Serum levels of estrogens and testosterone in cirrhotic men with and without hepatocellular carcinoma. Nagasue N, et al. **Gastroenterology** 1985 Mar;88(3):768–72

Androgen and estrogen levels in the plasma of Pleurodeles waltl, Michah., during the annual cycle. I. Male cycle. Garnier DH. **Gen Comp Endocrinol** 1985 Jun;58(3):376–85

Serum levels of unconjugated and total oestrogens and dehydroepiandrosterone, progesterone and urinary oestriol excretion in pre-eclampsia. Rosing U, et al. **Gynecol Obstet Invest** 1984;18(4):199–205

Androgen and estrogen response to adrenal and gonadal stimulation in idiopathic hemochromatosis: evidence for decreased estrogen formation. Kley HK, et al. **Hepatology** 1985 Mar–Apr;5(2):251–6

Conversion of androgens to estrogens in idiopathic hemochromatosis: comparison with alcoholic liver cirrhosis. Kley HK, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):1–6

Transport of equine estrogens: binding of conjugated and unconjugated equine estrogens with human serum proteins. Pan CC, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):499–507

Estrogen and sex hormone-binding globulin levels in nulliparous and parous women. Bernstein L, et al. **JNCI** 1985 Apr;74(4):741–5

Early prognosis for IVF pregnancies through plasma oestrogens [letter] Emperaire JC, et al. **Lancet** 1984 Nov 17;2(8412):1151

Current concepts in premenstrual syndrome. Ullman LE. **RI Med J** 1985 Jun;68(6):269–72

Serum estrogen level in Egyptian breast cancer patients. el-Aaser AA, et al. **Tumori** 1985 Jun 30;71(3):293–5

Cytohormonal and cancer screening procedure for endometrial carcinoma. Nagy P, et al. **Zentralbl Gynakol** 1985;107(3):169–74

[Clear cells of the endometrium: an indicator of estrogen level] Tseleni S, et al. **Zentralbl Gynakol** 1985;107(10):622–7 (Eng. Abstr.) **(Ger)**

[Value of hormonal studies in the diagnosis of feto-placental insufficiency] Bagramian ER, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):3–6 (82 ref.) **(Rus)**

[Estrogen content of the blood of men with chronic hepatitis and liver cirrhosis in various phases of the disease] Zhukov SA, et al. **Voen Med Zh** 1984 Oct;(10):32–4 **(Rus)**

CHEMICAL SYNTHESIS

Chromic anhydride-3, 5-dimethylpyrazole complex: an efficient reagent for oxidation of steroidal estrogens to 6-oxo-derivatives. Garza GA, et al. **Steroids** 1983 Oct;42(4):469–74

DEFICIENCY

Direct evidence of hypertension and the possible role of post-menopause oestrogen deficiency in the pathogenesis of berry aneurysms. Stober T, et al. **J Neurol** 1985;232(2):67–72

Oestrogen deficiency after tubal ligation. Cattanach J. **Lancet** 1985 Apr 13;1(8433):847–9

Contributions of aging and estrogen deficiency to postmenopausal bone loss [letter] Dequeker J, et al. **N Engl J Med** 1985 Aug 15;313(7):453

Relative contributions of aging and estrogen deficiency to postmenopausal bone loss. Richelson LS, et al. **N Engl J Med** 1984 Nov 15;311(20):1273–5

ISOLATION & PURIFICATION

Separation of oestrogen conjugates in urine and synthetic mixtures by high-performance liquid chromatographic methods. Ager RP, et al. **J Chromatogr** 1984 Jul 13;309(1):1–15 (28 ref.)

The measurement of steroid hormones in endometrial tissue: a comparison between two methods of extraction. Bonney RC, et al. **J Steroid Biochem** 1984 Oct;21(4):479–81

[Operating conditions for the separation of glucuro-conjugated estrogens by HPLC] Nadjem B, et al. **J Pharm Belg** 1984 Nov–Dec;39(6):366–70 (Eng. Abstr.) **(Fre)**

METABOLISM

Nucleoli in vaginal cells of hyperestrogenic and hypoestrogenic women. Kobilková J, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):642-4

Histochemical localization of specific estrogen and progesterone binding in human endometrium and endometriotic tissue. A preliminary report. Bergqvist A, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:15-6

Quantitative analysis of heterogeneity of estrogen binding in human breast tumor specimens. Adams AT, et al. **Anal Quant Cytol** 1984 Dec;6(4):284-92

Protease inhibitor antipain reduces nuclear binding of estrogen-receptor complex in MCF-7 breast tumor cells. Umans RS, et al. **Carcinogenesis** 1984 Oct;5(10):1355-7

Interactions of estrogen-receptor and antiestrogen-receptor complexes with nuclei in vitro. Cushing CL, et al. **Endocrinology** 1985 Jun;116(6):2419-29

Specific binding of estrogen and estrogen-receptor complex by microsomes from estrogen-responsive tissues of the rat. Watson GH, et al. **Endocrinology** 1985 Oct;117(4):1341-9

Seasonal variations of androgens, estrogens, and progesterone in the different lobules of the testis and in the plasma of Salamandra salamandra. Lecouteux A, et al. **Gen Comp Endocrinol** 1985 May;58(2):211-21

Differential permeability of uterine and liver vascular beds to estrogens and estrogen conjugates. Verheugen C, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1128-32

Estrogen and androgen dynamics in liver disease. Longcope C, et al. **J Endocrinol Invest** 1984 Dec;7(6):629-34

Histochemical demonstration of estrogen and progesterone binding in endometriotic tissue and in uterine endometrium: A comparative study. Bergqvist A, et al. **J Histochem Cytochem** 1985 Feb;33(2):155-61

Estrogen and progestin binding by cytosolic and nuclear fractions of human meningiomas. Martuza RL, et al. **J Neurosurg** 1985 May;62(5):750-6

Estrogen metabolism in rat liver microsomal and isolated hepatocyte preparations—II. Inhibition studies. Brueggemeier RW, et al. **J Steroid Biochem** 1984 Dec; 21(6):709-16

Estrogen metabolites in equine ovarian follicles: gas chromatographic-mass spectrometric determinations in relation to follicular ultrastructure and progestin content. Silberzahn P, et al. **J Steroid Biochem** 1985 Apr;22(4):501-5

Effect of serum and 12-O-tetradecanoyl-phorbol-13-acetate on FSH-stimulated conversion of 4-androstene-3,17-dione to oestrogens in cell and organ cultures of suckling mouse ovaries. Terada N, et al. **J Steroid Biochem** 1985 Mar; 22(3):401-5

Uterotropic hormones produced by ovaries of Sl/Slt mutant mice before spontaneous development of tubular adenomas. Terada N, et al. **Jpn J Cancer Res** 1985 Jul;76(7):590-5

Androgen and estrogen dynamics in women with vertebral crush fractures. Longcope C, et al. **Maturitas** 1984 Dec; 6(4):309-18

Role of hepatic monooxygenases in generating estrogenic metabolites from methoxychlor and from its identified contaminants. Bulger WH, et al. **Mol Pharmacol** 1985 Jan; 27(1):115-24

Heterogeneity of steroid binding sites in prostatic carcinoma: morphological demonstration and clinical implications. Pertschuk LP, et al. **Prostate** 1985;6(1):35-47

Differing abnormalities in estrogen and androgen and insulin metabolism in idiopathic hemochromatosis versus alcoholic liver disease. Stremmel W, et al. **Semin Liver Dis** 1985 Feb; 5(1):84-93

Further characterization of estrogen binding to rat testis cytosol. Kühn-Velten N, et al. **Steroids** 1984 Jan; 43(1):57-69

[Non-esterified fatty acids and alpha 1-fetoprotein are the modulators of uterine binding of estrogens during development in the rat] Vallette G, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:30-7 (Eng. Abstr.) (Fre)

[Krukenberg tumor with hormonal activity—studies on postmenopausal ovarian tumors] Ushijima H, et al. **Igaku Kenkyu** 1984 May;54(6):710-6 (Eng. Abstr.) (Jpn)

[The metabolism and conjugation of estrogens in the human fetus] Tsukamoto K. **Nippon Naibunpi Gakkai Zasshi** 1984 Sep 20;60(9):1091-111 (Eng. Abstr.) (Jpn)

[Metabolism and conjugation of steroid hormones: their active metabolites and prehormone-hormone relationship] Kato T. **Nippon Rinsho** 1984 Nov;42(11):2452-8 (30 ref.) (Jpn)

[Conjugation of steroid hormones] Okeda H, et al. **Nippon Rinsho** 1984 Nov;42(11):2459-63 (20 ref.) (Jpn)

[Action mechanism of estrogens and progesterone] Terakawa N, et al. **Nippon Rinsho** 1984 Nov;42(11):2447-51 (28 ref.) (Jpn)

[Estrogen and progesterone receptors in the decidual tissue of women administered prostaglandins and experiencing spontaneous abortion] Asribekova MK, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):26-9 (Eng. Abstr.) (Rus)

[Possible heterogeneity of cytoplasmic estrogen receptors] Alekseeva ML, et al. **Vopr Med Khim** 1984 Sep-Oct; 30(5):62-5 (Eng. Abstr.) (Rus)

[Accumulation of estrogen receptor complexes in the cell nuclei of the guinea pig uterus] Novikov EA. **Vopr Med Khim** 1985 Mar-Apr;31(2):27-30 (Eng. Abstr.) (Rus)

[The endocrinology of menopause] Cook ID. **Rev Chil Obstet Ginecol** 1980;45(2):103-4 (Spa)

PHARMACODYNAMICS

Stimulating effect of natural estrogens on proliferation of hepatocytes in adult mice. Fujii H, et al. **Acta Anat (Basel)** 1985;121(3):174-8

Biphasic modulation of pituitary sensitivity to GnRH by oestrogens: the effects of A- and D-ring substitution on LH release in cultured pituitary cells. Emons G, et al. **Acta Endocrinol (Copenh)** 1984 Nov;107(3):317-27

Effect of long-term therapy with estrogen and progesterone on the endometrium of post-menopausal women. Varma TR. **Acta Obstet Gynecol Scand** 1985;64(1):41-6

Re: Hormonal and personal effects on estrogen receptors in breast cancer [letter] Elwood JM. **Am J Epidemiol** 1985 Jul;122(1):195-6

Estrogen increases beta-adrenergic binding in the preterm fetal rabbit lung. Moawad AH, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):514-9

Hemodynamics during pregnancy and sex steroid administration in guinea pigs. Hart MV, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R179-85

Androgens and estrogens affect hepatic bile acid sulfotransferase in male rats. Kirkpatrick RB, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G639-42

Interactions between estrogens, prolactin, and growth hormone on the growth of N-nitrosomethylurea-induced rat mammary tumors. Rose DP, et al. **Anticancer Res** 1985 Jul-Aug;5(4):397-402

The effect of sexual hormones on the sulfated glycosaminoglycan pattern of male genital accessory organs. Sampaio LO, et al. **Arch Biochem Biophys** 1985 Jul;240(1):470-7

Regulation of dolichyl phosphate-mediated protein glycosylation: estrogen effects on glucosyl transfers in oviduct membranes. Starr CM, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):261-70

A regulatory locus, Hdc-e, determines the response of mouse kidney histidine decarboxylase to estrogen. Martin SA, et al. **Biochem Genet** 1984 Dec;22(11-12):1037-46

Estrogen and uterine sensitization for the decidual cell reaction in the rat: role of prostaglandin E2 and adenosine 3':5'-cyclic monophosphate. Johnston ME, et al. **Biol Reprod** 1984 Dec;31(5):959-66

Autocrine role of estrogens in the augmentation of luteinizing hormone receptor formation in cultured rat granulosa cells. Kessel B, et al. **Biol Reprod** 1985 Jun;32(5):1038-50

Estrogen-induced 24K protein in MCF-7 breast cancer cells is localized in granules. Ciocca DR, et al. **Breast Cancer Res Treat** 1984;4(4):261-8

Polyamines and estrogen control of growth of the NMU-induced rat mammary tumor. Manni A, et al. **Breast Cancer Res Treat** 1985;5(2):129-36

The effect of estrogen, progesterone, thyroxine, and human placental lactogen on DNA synthesis of human breast ductal epithelium maintained in athymic nude mice. McManus MJ, et al. **Cancer** 1984 Nov 1;54(9):1920-7

Effect of estrogens and antiestrogens on growth-regulatory enzymes in human breast cancer cells in tissue culture. Aitken SC, et al. **Cancer Res** 1985 Apr;45(4):1611-20

Evidence for a novel pituitary factor that potentiates the mitogenic effect of estrogen in human breast cancer cells. Dembinski TC, et al. **Cancer Res** 1985 Jul;45(7):3083-9

A role of estrogens and insulin binding in the dietary lipid alteration of R3230AC mammary carcinoma growth in rats. Feldman JM, et al. **Cancer Res** 1985 May;45(5):1964-72

Effects of estrogen and tamoxifen on the regulation of dihydrofolate reductase gene expression in a human breast cancer cell line. Levine RM, et al. **Cancer Res** 1985 Apr; 45(4):1644-50

Mechanism of estrogen enhancement in the growth of androgen-dependent Shionogi carcinoma 115. Noguchi S, et al. **Cancer Res** 1985 Oct;45(10):4785-90

Effect of estrogens and antiestrogens on growth of human breast cancer cells in athymic nude mice. Osborne CK, et al. **Cancer Res** 1985 Feb;45(2):584-90

Estrogen and tamoxifen induced cytoskeletal changes in breast cancer cells. Sapino A, et al. **Chemioterapia** 1985 Jun;4(3):243-5

Vasopressor responses to centrally-administered steroid hormones are mediated via a renin-angiotensin system in the rat brain. Takahashi H, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):2019-23

Impaired LH-RH release by estrogen in women with sulpiride-induced hyperprolactinemia. Aono T, et al. **Endocrinol Jpn** 1984 Oct;31(5):571-5

Characterization of dopamine and estrogen interaction on primate prolactin secretion with pituitary cells cultured on extracellular matrix and with pituitary stalk-transected monkeys. Bethea CL. **Endocrinology** 1985 Mar; 116(3):863-72

Increased gonadotropin-releasing hormone pulse frequency associated with estrogen-induced luteinizing hormone surges in ovariectomized ewes. Clarke IJ, et al. **Endocrinology** 1985 Jun;116(6):2376-83

Estrogen responsiveness of normal mouse mammary cells in primary cell culture: association of mammary fibroblasts with estrogenic regulation of progesterone receptors. Haslam SZ, et al. **Endocrinology** 1985 May;116(5):1835-44

The antiprogestin RU38 486: receptor-mediated progestin versus antiprogestin actions screened in estrogen-insensitive T47Dco human breast cancer cells. Horwitz KB. **Endocrinology** 1985 Jun;116(6):2236-45

Stimulation of mammary epithelial cell growth in vitro: interaction of epidermal growth factor and mammogenic hormones. Imagawa W, et al. **Endocrinology** 1985 Apr; 116(4):1514-24

Changes in keratin expression during the estrogen-mediated differentiation of rat vaginal epithelium. Kronenberg MS, et al. **Endocrinology** 1985 Oct;117(4):1480-9

Prenatal diethylstilbestrol exposure alters murine uterine responses to prepubertal estrogen stimulation. Maier DB, et al. **Endocrinology** 1985 May;116(5):1878-86

The pattern of progesterone secretion in hypophysectomized rats bearing pituitary transplants: effects of hysterectomy, estrogen, and indomethacin. Ochiai K, et al. **Endocrinology** 1985 Feb;116(2):765-71

Estrogen regulates the transcription of the rat prolactin gene in vivo through at least two independent mechanisms. Shull JD, et al. **Endocrinology** 1985 Jun;116(6):2456-62

Desensitization of the chick oviduct to estrogen: mediation at different levels of gene expression. Skafar DF, et al. **Endocrinology** 1985 May;116(5):1755-62

Diencephalic sites of progesterone action for inhibiting aggression and facilitating sexual receptivity in estrogen-primed golden hamsters. Takahashi LK, et al. **Endocrinology** 1985 Jun;116(6):2393-9

Deinduction of transcription of Xenopus 74-kDa albumin genes and destabilization of mRNA by estrogen in vivo and in hepatocyte cultures. Wolffe AP, et al. **Eur J Biochem** 1985 Feb 1;146(3):489-96

Progesterone and estrogens in rat brain: modulation of GABA (gamma-aminobutyric acid) receptor activity. Maggi A, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):165-8

Estrogens antagonize apomorphine-induced yawning in rats. Serra G, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):383-6

Effects of antifertility estrogens and progestins on the endometrial surface of early pregnant rats. A scanning electron microscopic study. Koch M, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):138-46

Long-term effects of estrogen on rat skeletal muscle. Suzuki S, et al. **Exp Neurol** 1985 Feb;87(2):291-9

Estrogen-dependent plasminogen activator in 7,12-dimethylbenz[a]anthracene-induced rat mammary tumors in vivo and in vitro. Yamashita J, et al. **Gann** 1984 Aug;75(8):681-9

Studies on the effects of estrogen on the antibody response in asymptomatic HB virus carrier. Mizoguchi Y, et al. **Hepatogastroenterology** 1985 Jun;32(3):109-12

Induction of male-typical aggression by androgens but not by estrogens in adult female mice. Simon NG, et al. **Horm Behav** 1985 Jun;19(2):204-12

Estrogen and progestin effects on urinary calcium and calciotropic hormones in surgically-induced postmenopausal women. Lobo RA, et al. **Horm Metab Res** 1985 Jul;17(7):370-3

Effects of testosterone and estrogens on deltoid and trochanter adipocytes in two cases of transsexualism. Vague J, et al. **Horm Metab Res** 1984 Jul;16(7):380-1

Effects of natural and synthetic estrogens and progestins on glycogen deposition in female mice. Carrington LJ, et al. **Horm Res** 1985;21(3):199-203

New perspectives in hormone-dependent (responsive) and autonomous mammary tumor growth: role of autostimulatory growth factors. Danielpour D, et al. **In Vitro** 1984 Dec;20(12):975-80

Effect of gonadotropins and gonadal hormones on female fish thyroid peroxidase activity. Chakraborti P, et al. **Indian J Biochem Biophys** 1984 Apr;21(2):85-8

Influence of progesterone and estrogen administration on the recrudescence patterns of Plasmodium knowlesi infection in female rhesus monkeys (Macaca mulatta) following initial subcurative chloroquine therapy. Dutta GP, et al. **Indian J Malariol** 1984 Dec;21(2):79-88

Influence of steroidal and nonsteroidal sex hormones on host resistance in mice: increased susceptibility to Listeria monocytogenes after exposure to estrogenic hormones. Pung OJ, et al. **Infect Immun** 1984 Nov;46(2):301-7

Estrogens inhibit mycelium-to-yeast transformation in the fungus Paracoccidioides brasiliensis: implications for resistance of females to paracoccidioidomycosis. Restrepo A, et al. **Infect Immun** 1984 Nov;46(2):346-53

Mechanism of action of estrogen agonists and antagonists. Clark JH, et al. **J Anim Sci** 1979;49 Suppl 2:46-65 (54 ref.)

Regulation of epidermal growth factor receptor by estrogen. Mukku VR, et al. **J Biol Chem** 1985 Aug 15;260(17):9820-4

Anti-proliferative effects of 1,2-diphenylethane oestrogens and anti-oestrogens on human breast cancer cells. Hartmann RW, et al. **J Cancer Res Clin Oncol** 1985; 110(1):17-24

A novel oxytocin-like and vasotocin-like peptide in human plasma after administration of estrogen. Amico JA, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):5-12

In vitro effect of estrogens on the peroxidase activity of human endometrium. Okada H, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):404-7

The effects of estrogen and progestin on endogenous opioid activity in oophorectomized women. Shoupe D, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):178-83

Effects of a short course of estrogen on mineral metabolism in postmenopausal women. Stock JL, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):595-600

Hyperprolactinemia induced by an estrogen-progesterone synergy: quantitative and temporal effects of estrogen priming in monkeys. Williams RF, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):126–32

Structure–activity relationship of estrogens: receptor affinity and estrogen antagonist activity of certain (E)- and (Z)-1,2,3-triaryl-2-propen-1-ones. Mittal S, et al. **J Med Chem** 1985 Apr;28(4):492–7

Ribosomal ribonucleases in avian liver during estrogen-induced vitellogenin synthesis. Penttilä KE, et al. **J Steroid Biochem** 1985 Apr;22(4):559–61

Estrogen response of MCF-7 cells grown on diverse substrates and in suspension culture: promotion of morphological heterogeneity, modulation of progestin receptor induction; cell–substrate interactions on collagen gels. Pourreau-Schneider N, et al. **J Steroid Biochem** 1984 Dec;21(6):763–71

Effects of serial hormone treatments on egg white protein synthesis. Further evidence of translational regulation. Seaver SS, et al. **J Steroid Biochem** 1984 Dec;21(6):737–43

Lack of an effect of estrogen on endogenous RNA polymerase II in guinea pig brain. Wilcox JN, et al. **J Steroid Biochem** 1984 Nov;21(5):513–8

Estrogenic effect of tamoxifen and its derivatives on the proliferation of MCF7 human breast tumor cells. Sonnenschein C, et al. **Life Sci** 1985 Jul 29;37(4):387–94

The effect of estrogen treatment on plasma concentrations of steroid hormones, gonadotropins, prolactin and sex hormone-binding globulin in post-menopausal women. Mathur RS, et al. **Maturitas** 1985 Jul;7(2):129–33

Effect of subdermal oestrogen and oestrogen/testosterone implants on calcium and phosphorus homeostasis after oophorectomy. Ralston SH, et al. **Maturitas** 1984 Dec;6(4):341–4

Testicular steroidogenic response to human chorionic gonadotropin of fifteen male transsexuals on chronic estrogen treatment. Futterweit W, et al. **Metabolism** 1984 Oct;33(10):936–42

Exercise activation of myocardial lipoprotein lipase in male and estrogen-treated female rats. Goldberg DI, et al. **Metabolism** 1984 Oct;33(10):964–9

Coordinate estrogen induction of vitellogenin and a small serum protein mRNA in Xenopus laevis liver. Hayward MA, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):91–8

Androgen–estrogen synergy in rat levator ani muscle: glucose-6-phosphate dehydrogenase. Max SR. **Mol Cell Endocrinol** 1984 Dec;38(2–3):103–7

Prolactin receptor in rat liver: sex difference in estrogenic stimulation and imprinting of the responsiveness to estrogen by neonatal androgen in male rats. Tsim KW, et al. **Mol Cell Endocrinol** 1985 May;40(2–3):99–105

Estrogen-stimulated prolactin synthesis in vitro. Classification of agonist, partial agonist, and antagonist actions based on structure. Jordan VC, et al. **Mol Pharmacol** 1984 Sep;26(2):279–85

Nuclease-hypersensitive sites in chromatin of the estrogen-inducible apoVLDL II gene of chicken. Kok K, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5189–202

Role of opiates in gonadotropins and prolactin secretion. Estrogens effect. Lo Dico G, et al. **Panminerva Med** 1984 Jul–Sep;26(3):157–61

Prevention of progesterone-induced lordosis behavior by alpha or beta adrenergic antagonists in ovariectomized estrogen-primed rats. Fernández-Guasti A, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):279–82

Dopamine-mediated behaviors: characteristics of modulation by estrogen. Joyce JN, et al. **Pharmacol Biochem Behav** 1984 Nov;21(5):791–800

The contribution of animal models to the understanding of endocrine management of prostate cancer. Effect of androgen and estrogen. Rao BR. **Prog Clin Biol Res** 1985;185A:3–21

Promoter elements of genes coding for proteins and modulation of transcription by estrogens and progesterone. Chambon P, et al. **Recent Prog Horm Res** 1984;40:1–42 (139 ref.)

Direct inhibitory effects of natural and synthetic oestrogens on testosterone release from human testicular tissue in vitro. Daehlin L, et al. **Scand J Urol Nephrol** 1985;19(1):7–12

Transfection of v-rasH DNA into MCF-7 human breast cancer cells bypasses dependence on estrogen for tumorigenicity. Kasid A, et al. **Science** 1985 May 10;228(4700):725–8

Progestin modulation of estrogen-dependent marker protein synthesis in the endometrium. DeSombre ER, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 1):6–11

Structure-activity relationships of estrogens: effects of esterification of the 11 beta-hydroxyl group. Segaloff A, et al. **Steroids** 1984 Jan;43(1):111–23

Lipid-lowering effects of two synthetic oestrogen derivatives with weak genital oestrogen properties. Herbai G, et al. **Ups J Med Sci** 1985;90(1):67–72

[Estrogens, progestins and blood lipids] Tikkanen MJ. **Duodecim** 1984;100(22):1500–3 **(Fin)**

[Regulation of the sexual cycle in cattle] Voss HJ, et al. **DTW** 1984 Sep 7;91(9):331–40 (157 ref.) **(Ger)**

[Effect of triphasic estrogen-gestagen on lipid, glucose and bone mineral metabolism in postmenopausal women] Blum M, et al. **Harefuah** 1984 Jun 1;106(11):498–9 (Eng. Abstr.) **(Heb)**

[Studies on the effect of estrogen on the antibody response by peripheral mononuclear cells in various liver diseases] Ikemoto Y, et al. **Nippon Naika Gakkai Zasshi** 1984 Dec;73(12):1789–95 **(Jpn)**

[Effects of estrogen, progesterone and androgen on autoradiograms of the immature rat uterus] Sakamoto S, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Nov;36(11):2085–9 (Eng. Abstr.) **(Jpn)**

[The effects of sex hormones on Kupffer cell-mediated hepatocytotoxicity] Arai T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):94–9 (Eng. Abstr.) **(Jpn)**

[Studies on the effect of estrogen on the antibody response in PWM-stimulated lymphocytes of patients with primary biliary cirrhosis in vitro] Ikemoto Y, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Oct;81(10):2526–31 (Eng. Abstr.) **(Jpn)**

[Synaptic sexual differentiation and sex steroids] Arai Y, et al. **Tanpakushitsu Kakusan Koso** 1984 Dec;29(14):1919–27 **(Jpn)**

PHYSIOLOGY

Modulation of gonadotropin secretion by Sertoli cell inhibin, LHRH, and sex steroids. Massicotte J, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):E495–504

Estrogens in the feedback regulation of gonadotropin secretion in men: effects of administration of estrogen to agonadal subjects and the antiestrogen tamoxifen and the aromatase inhibitor delta'-testolactone to eugonadal subjects. Gooren LJ, et al. **Andrologia** 1984 Nov–Dec;16(6):568–77

Gonadal hormones and brain development: implications for the genesis of sexual differentiation. Toran-Allerand CD. **Ann NY Acad Sci** 1984;435:101–11 (24 ref.)

Effects of estrogen-depletion on rat casein gene expression. Sankaran L, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):682–9

Cellular mechanisms of acute estrogen negative feedback on LH secretion: norepinephrine, dopamine and 5-hydroxytryptamine metabolism in discrete regions of the rat brain. Johnston CA, et al. **Brain Res Bull** 1984 Sep;13(3):363–9

7,12-Dimethylbenzanthracene induced mammary tumours in Wistar rats by 'air pouch' technique—a new approach. Arun B, et al. **Cancer Lett** 1984 Dec;25(2):187–94

Relationship between the expression of estrogen-regulated genes and estrogen-stimulated proliferation of MCF-7 mammary tumor cells. Aitken SC, et al. **Cancer Res** 1985 Jun;45(6):2608–15

The role of estrogen in migraine: a review and hypothesis. Welch KM, et al. **Cephalalgia** 1984 Dec;4(4):227–36

Cloning of a gene expressed in human breast cancer and regulated by estrogen in MCF-7 cells. Prud'homme JF, et al. **DNA** 1985 Feb;4(1):11–21

Aromatase inhibitors prevent granulosa cell differentiation: an obligatory role for estrogens in luteinizing hormone receptor expression. Knecht M, et al. **Endocrinology** 1985 Sep;117(3):1156–61

Induction of an estrogen-dependent early steroidogenic lesion in murine Leydig tumor cells. Zimniski SJ, et al. **Endocrinology** 1985 Jun;116(6):2583–91

The mechanism of action of oestrogens. Knowler JT, et al. **Essays Biochem** 1985;20:1–39 (244 ref.)

Evidence that desensitization to the negative estrogen feedback is a prepubertal and not a postpubertal event in female rats. Döcke F, et al. **Exp Clin Endocrinol** 1984 Jul;84(1):1–6

Evidence that inhibition of medial preoptic dopaminergic activity may be involved in the prepubertal desensitization to the negative oestrogen feedback in female rats. Gerber P, et al. **Exp Clin Endocrinol** 1984 Jul;84(1):7–12

Steroid modulation of Mullerian duct regression in the chick embryo. Hutson JM, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):88–102

Oestrogens and the etiology and clinical course of breast cancer. Bulbrook RD, et al. **IARC Sci Publ** 1984;(56):385–95

Reduction in pituitary desensitization and prolongation of gonadotropin release by estrogen during continuous administration of gonadotropin-releasing hormone in women: its antagonism by progesterone. Araki S, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):590–8

Endogenous opiates participate in the regulation of pulsatile luteinizing hormone release in an unopposed estrogen milieu: studies in estrogen-replaced, gonadectomized patients with testicular feminization. Veldhuis JD, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):790–3

Ovarian-splenic autotransplantation: evidence that oestrogen does not inhibit hepatic somatomedin generation. Clark RG, et al. **J Endocrinol** 1984 Oct;103(1):43–7

Varying sensitivity to the negative oestrogen feedback during the ovarian cycle of female rats: evidence for the involvement of oestrogen and the medial preoptic area. Döcke F, et al. **J Endocrinol** 1984 Sep;102(3):287–94

Menstrual cycle and exposure to oestrogens unopposed by progesterone: relevance to studies on breast cancer incidence. Metcalf MG, et al. **J Endocrinol** 1985 Jan;104(1):137–41

Effect of estrogen on rabbit gallbladder prostaglandin biosynthesis. Myers SI. **J Surg Res** 1985 Jun;38(6):630–4

Hormones as cancer growth factors. Israel L, et al. **Lancet** 1984 Oct 13;2(8407):843–4

Role of female gonadal hormones in the CNS: clinical and experimental aspects. Maggi A, et al. **Life Sci** 1985 Sep 9;37(10):893–906 (143 ref.)

Hormonal regulation of casein synthesis at the end of pregnancy. Bussmann LE, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):115–8

Synergistic effects of estrogen and serotonin-receptor agonists on the development of pituitary tumors in aging rats. Walker RF, et al. **Neurobiol Aging** 1985 Summer;6(2):107–11

Effects of ovariectomy and estrogen replacement on intrastriatal dopamine-elicited postural deviation. Smith RL, et al. **Pharmacol Biochem Behav** 1985 May;22(5):689–93

Participation of estrogens in female sexual differentiation of the brain; neuroanatomical, neuroendocrine and behavioral evidence. Döhler KD, et al. **Prog Brain Res** 1984;61:99–117 (79 ref.)

Molecular aspects of the interaction between estrogen and the membrane excitability of hypothalamic nerve cells. Moss RL, et al. **Prog Brain Res** 1984;61:3–22 (57 ref.)

On the genesis of sexual differentiation of the general nervous system: morphogenetic consequences of steroidal exposure and possible role of alpha-fetoprotein. Toran-Allerand CD. **Prog Brain Res** 1984;61:63–98 (215 ref.)

Endocrine and autocrine estromedins for mammary and pituitary tumor cells. Sirbasku DA, et al. **Symp Fundam Cancer Res** 1984;37:213–32

[Biological effects of estrogen] Smejkalová J, et al. **Cesk Fysiol** 1985;34(1):3–16 (71 ref.) **(Cze)**

[Mechanism of action of estrogen on the cells of target tissues] Smejkalová J, et al. **Cesk Fysiol** 1984;33(6):508–17 **(Cze)**

[Synergistic action, on the masculinization of female chick embryo gonads, of a graft of embryonic testis and administration of an anti-estrogenic substance (tamoxifen)] Maraud R, et al. **C R Soc Biol (Paris)** 1985;179(1):78–84 (Eng. Abstr.) **(Fre)**

[Effects of sexual steroids on thymidine incorporation in human lymphocytes and on serum so-called thymidine activity] Guidoux S, et al. **Pathol Biol (Paris)** 1984 Oct;32(8):884–7 **(Fre)**

[Experimental studies on the effect of ovarian hormones on the development of rat mandibles] Duncker M, et al. **Fortschr Kieferorthop** 1984 Dec;45(6):428–34 (Eng. Abstr.) **(Ger)**

[Studies on the mechanism of the estrogen action in human breast cancer] Kimura M, et al. **Gan No Rinsho** 1985 Mar;31(3):263–7 (Eng. Abstr.) **(Jpn)**

SECRETION

Cardiac output and gonadal steroids [letter] Loucks AB. **Fertil Steril** 1984 Nov;42(5):810–1

Postmenopausal ovarian follicle cyst: an unusual cause of estrogen excess. Strickler RC, et al. **Int J Gynecol Pathol** 1984;3(3):318–22

Endocrine testicular secretion in aging males. Forti G, et al. **J Endocrinol Invest** 1985;8 Suppl 2:81–5

Pathophysiology of male hypogonadism associated with endogenous hyperestrogenism. Evidence for dual defects in the gonadal axis. Veldhuis JD, et al. **N Engl J Med** 1985 May 23;312(21):1371–5

[Development of endometrial cancer in a case of estrogen producing granulosa cell tumor] Andersen J, et al. **Ugeskr Laeger** 1984 May 21;146(21):1571 (Eng. Abstr.) **(Dan)**

[Gynecomastia] Weh HJ, et al. **Dtsch Med Wochenschr** 1985 Feb 1;110(5):187–91 **(Ger)**

THERAPEUTIC USE

Estrogen in the treatment of abnormal cervical mucus infertility. Punnonen R, et al. **Acta Eur Fertil** 1984 May–Jun;15(3):171–4

Serum alkaline phosphatase during hormone treatment in early postmenopausal women. A model for establishing optimal prophylaxis and treatment in postmenopausal osteoporosis. Christiansen C, et al. **Acta Med Scand** 1984;216(1):11–7

Metabolic consequences of postmenopausal estrogen and progestogen treatment. Fåhraeus L. **Acta Obstet Gynecol Scand [Suppl]** 1985;132:19–21

Estrogens around the menopause. Some metabolic aspects of clinical treatment. von Schoultz B. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:25–7

Vasomotor symptoms and estrogen-progestogen therapy. von Schoultz B. **Acta Obstet Gynecol Scand [Suppl]** 1985;132:15–8

Estrogen replacement therapy and fibrocystic breast disease in postmenopausal women. Berkowitz GS, et al. **Am J Epidemiol** 1985 Feb;121(2):238–45

Subfractions of high-density lipoprotein cholesterol during estrogen replacement therapy: a comparison between progestogens and natural progesterone. Ottosson UB, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):746–50

Differential symptom response to parenteral estrogen and/or androgen administration in the surgical menopause. Sherwin BB, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):153–60

Long-term estrogen replacement therapy prevents bone loss and fractures. Ettinger B, et al. **Ann Intern Med** 1985 Mar;102(3):319–24

Serum bone Gla protein variations during estrogen and calcium prophylaxis of postmenopausal women. Pødenphant J, et al. **Calcif Tissue Int** 1984 Sep;36(5):536–40

Menopausal hormone replacement. Piziak VK, et al.

Hosp Pract [Off] 1985 Feb 15;20(2):82GG, 82HH, 82II passim (21 ref.)

Influence of orchidectomy or oestrogen treatment on serum levels of pregnancy associated alpha 2-glycoprotein and sex hormone binding globulin in patients with prostatic cancer. Carlström K, et al. **Int J Androl** 1985 Feb;8(1):21–7

Estrogen therapy for stress incontinence [letter] Borrie MJ, et al. **J Am Geriatr Soc** 1984 Dec;32(12):942–3

Effects of natural oestrogen therapy on blood pressure and renin–angiotensin system in normotensive and hypertensive menopausal women. Jespersen CM, et al. **J Hypertens** 1983 Dec;1(4):361–4

Estrogen replacement therapy and benign breast disease. Trapido EJ, et al. **JNCI** 1984 Nov;73(5):1101–5

Post–menopausal estrogen replacement: the prevention of osteoporosis and systemic effects. Lafferty FW, et al. **Maturitas** 1985 Jul;7(2):147–59

Oestrogen replacement therapy [letter] Heaney MV. **Med J Aust** 1985 Sep 2;143(5):218–9

Evidence supports estrogen–progestogen replacement therapy. Gambrell RD Jr. **Postgrad Med** 1985 Jul;78(1):35, 38

Estrogen use and myocardial infarction risk: a case–control study. Szklo M, et al. **Prev Med** 1984 Sep;13(5):510–6

Orchidectomy and oestrogens as secondary forms of treatment for metastatic prostatic cancer. Klijn JG, et al. **Prog Clin Biol Res** 1985;185A:335–49

Principles of endocrine manipulation in the treatment of prostatic cancer. Neumann F. **Prog Clin Biol Res** 1985; 185A:73–98

Prostatic cancer: endocrine treatment. Chisholm GD. **Turk J Pediatr** 1984;26(1–4):273–6

Hormonal therapy in prostatic carcinoma. Resnick MI. **Urology** 1984 Nov;24(5 Suppl):18–23

Urethral obstruction secondary to carcinoma of prostate: response to endocrine treatment. Varenhorst E, et al. **Urology** 1985 Apr;25(4):354–6

[Problems of treatment and outpatient care of women in the postreproductive years] Donát J, et al. **Cesk Gynekol** 1984 Nov;49(9):651–6 (Cze)

[Should menopause be treated?] Mauvais–Jarvis P. **Presse Med** 1985 Feb 16;14(7):399–400 (Fre)

[The role of Agreal in the treatment of the menopause] Marais C. **Rev Fr Gynecol Obstet** 1985 Feb 28;80(3):156–62 (Eng. Abstr.) (Fre)

[Advanced prostatic cancer: therapeutic modalities] Faul P, et al. **Dtsch Med Wochenschr** 1984 Dec 21; 109(51–52):1975–80 (46 ref.) (Ger)

[Recurring thrombosis of the subclavian vein during estrogen therapy of prostatic cancer] Fischer H, et al. **Dtsch Med Wochenschr** 1984 Nov 9;109(45):1725–7 (Eng. Abstr.) (Ger)

[Hormonal growth retardation—a psychologically required intervention] Degenhardt A, et al. **Psychother Psychosom Med Psychol** 1984 Dec; 34(12):322–30 (Eng. Abstr.) (Ger)

[Hormonal growth retardation and its legitimation. I. Medical indications, treatment and side effects] Degenhardt A. **Z Morphol Anthropol** 1984;75(1):57–76 (Eng. Abstr.) (Ger)

[Experimental and clinical study on endocrine therapy of breast carcinoma, with special reference to the nuclear estrogen receptor] Kubouchi K. **Nippon Geka Gakkai Zasshi** 1984 Nov;85(11):1405–17 (Eng. Abstr.) (Jpn)

[Chemical embolization using estrogen for aneurysmal bone cyst of the skull: case report] Ikeda H, et al. **No Shinkei Geka** 1985 Feb;13(2):203–8 (Eng. Abstr.) (Jpn)

[Treatment of hirsutism in micropolycystic ovary syndrome with estrogens and sequential prostagen] Porcile A, et al. **Rev Chil Obstet Ginecol** 1982;47(1):8–17 (Eng. Abstr.) (Spa)

TOXICITY

Diethylstilbestrol and other estrogens in the environment. McLachlan JA, et al. **Fundam Appl Toxicol** 1984 Oct; 4(5):686–91

Mechanisms of estrogen–induced myelotoxicity: evidence of thymic regulation. Luster MI, et al. **Int J Immunopharmacol** 1984;6(4):287–97

Endocrine factors in haematological changes seen in dogs and ferrets given oestrogens. Hart JE. **Med Hypotheses** 1985 Feb;16(2):159–63

Cardiovascular birth defects and antenatal exposure to female sex hormones: a reevaluation of some base data. Wiseman RA, et al. **Teratology** 1984 Dec;30(3):359–70

[Carcinogenic potential of estrogens used in breeding] Rico AG. **Food Addit Contam** 1984 Apr–Jun;1(2):95–100 (Eng. Abstr.) (Fre)

URINE

Correlation between urinary oestrogen levels determined by haemagglutination inhibition reaction and serum oestradiol levels determined by radioimmunoassay. Seki K, et al. **Acta Endocrinol (Copenh)** 1985 Sep;110(1):130–4

Importance of the DHEA-sulphate–test in pregnancy. Bazsa–Kassai Z, et al. **Acta Physiol Hung** 1985; 65(4):497–505

External quality assessment of urinary pregnancy oestrogen assay: further experience in the United Kingdom. Bullock DG, et al. **Ann Clin Biochem** 1985 May;22 (Pt 3):273–82

Comparative study of total urinary oestrogen and first morning urinary oestrogen in monitoring gonadotrophin therapy. Tang GW, et al. **Aust NZ J Obstet Gynaecol** 1984 Nov;24(4):280–2

Characterization of the estrogenic properties of a nonsteroidal estrogen, equol, extracted from urine of pregnant macaques. Thompson MA, et al. **Biol Reprod** 1984 Nov;31(4):705–13

Oestrogen measurement to predict multiple pregnancy from gonadotrophin therapy in amenorrhoea. Hull MG, et al. **Clin Reprod Fertil** 1985 Mar;3(1):49–55

Excretion of total estrogens and estrone–3–glucuronide during treatment with human menopausal gonadotropins. Frenkel Y, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jul;20(1):27–33

Variations in urinary levels of free 6 beta–hydroxycortisol, cortisol, and estrogens in late pregnancy. Hunter DJ, et al. **Gynecol Obstet Invest** 1984;18(2):83–7

Correlation between first morning sample and twenty four hours urinary estrogen/creatinine ratio. Gongsakdi D, et al. **J Med Assoc Thai** 1984 Oct;67 Suppl 2:27–30

[Comparison between the radioimmunologic measurement of plasma E2 and estrogen determination in urine using a hemagglutination inhibition test] Trotnow S, et al. **Geburtshilfe Frauenheilkd** 1985 Jun;45(6):375–81 (Eng. Abstr.) (Ger)

[Excretion of sex hormones in relation to serum levels of cholesterol and cholesterol esters in physiological pregnancy] Kurysheva KA, et al. **Akush Ginekol (Mosk)** 1985 May;(5):37–9 (Eng. Abstr.) (Rus)

[Changes and periods of normalization of urinary excretion of androgens and estrogens in children with thymomegaly] Livanov MI, et al. **Pediatriia** 1985 Feb;(2):25–8 (Eng. Abstr.) (Rus)

ESTROGENS, CATECHOL see **CATECHOL ESTROGENS**

ESTROGENS, NON–STEROIDAL

Chlordecone lacks estrogenic properties in the male rat. Cochran RC, et al. **Toxicol Appl Pharmacol** 1984 Dec; 76(3):519–25

The estrogenic activity of DDT: the in vitro induction of an estrogen–inducible protein by o,p'–DDT. Robison AK, et al. **Toxicol Appl Pharmacol** 1984 Dec;76(3):537–43

PHARMACODYNAMICS

Plasma thyroid hormone concentrations in growing beef steers implanted with estrogenic anabolic growth promotants. Gopinath R, et al. **Growth** 1984 Winter; 48(4):515–26

Growth hormone secretion and clearance rates in growing beef steers implanted with estrogenic anabolic compounds. Gopinath R, et al. **Growth** 1984 Winter;48(4):499–514

ESTROGENS, SYNTHETIC

ADMINISTRATION & DOSAGE

[Therapeutic trial of the combination promestriene–chlorquinaldol in the treatment of vaginitis] Senèze J, et al. **Rev Fr Gynecol Obstet** 1985 Apr;80(5):323–5 (Fre)

ADVERSE EFFECTS

Deep vein thrombosis and the oestrogen content in oral contraceptives. An epidemiological analysis. Kierkegaard A. **Contraception** 1985 Jan;31(1):29–41

Exogenous hormone use and fibrocystic breast disease by histopathologic component. Berkowitz GS, et al. **Int J Cancer** 1984 Oct 15;34(4):443–9

Estrogens and endometrial cancer. Schlaff WB, et al. **Md Med J** 1985 Jan;34(1):57–62

Endometrial carcinogenesis and its relation to oestrogens. Fox H. **Pathol Res Pract** 1984 Sep;179(1):13–9 (88 ref.)

Hormones in the etiology and prevention of breast and endometrial cancer. Gambrell RD Jr. **South Med J** 1984 Dec;77(12):1509–15

[Cardiovascular complications during the estrogen therapy of prostatic cancer patients] Gonchar MA, et al. **Urol Nefrol (Mosk)** 1985 Mar–Apr;(2):31–3 (Eng. Abstr.) (Rus)

CHEMICAL SYNTHESIS

Synthesis and cytotoxic activity of estrogen alpha–methylene–delta–lactones. Chagonda LS, et al. **Steroids** 1984 Mar;43(3):283–92

DIAGNOSTIC USE

Preparation of four fluorine- 18–labeled estrogens and their selective uptakes in target tissues of immature rats. Kiesewetter DO, et al. **J Nucl Med** 1984 Nov; 25(11):1212–21

IMMUNOLOGY

[Immunogenicity of synthetic sex hormones and thrombogenesis] Beaumont V, et al. **Pathol Biol (Paris)** 1985 Apr;33(4):245–9 (Eng. Abstr.) (Fre)

PHARMACODYNAMICS

Estrogen changes as a critical factor in modulation of central opioid tonus: possible correlations with post–menopausal migraine. Genazzani AR, et al. **Cephalalgia** 1985 May;5 Suppl 2:212–4

Direct inhibitory effects of natural and synthetic oestrogens on testosterone release from human testicular tissue in vitro. Daehlin L, et al. **Scand J Urol Nephrol** 1985;19(1):7–12

Structure–activity relationships of 9 beta–estrogens. Gabbard RB, et al. **Steroids** 1983 Nov;42(5):555–63

[Effects of iontophoretically–applied LHRH, TRH, estrogen and clomiphene on thermo–sensitive neurons in the rat hypothalamus] Inagaki K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr;37(4):611–8 (Eng. Abstr.) (Jpn)

[The effects of sex hormones on K–cell in antibody–dependent cell–mediated cytotoxicity reactions] Higashimori T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Nov;81(11):2743–7 (Eng. Abstr.) (Jpn)

THERAPEUTIC USE

The effects of endocrine therapy on plasma steroids in prostatic carcinoma patients. Drafta D, et al. **Endocrinologie** 1984 Jul–Sep;22(3):191–7

Observations on the hormonal response of metastatic prostatic carcinoma. Forrest JB. **J Okla State Med Assoc** 1985 Apr;78(4):104–5

The influence of treatment with estrogens and estramustine phosphate on platelet aggregation and plasma lipoproteins in non–disseminated prostatic carcinoma. Agardh CD, et al. **J Urol** 1984 Nov;132(5):1021–4

Urethral obstruction secondary to carcinoma of prostate: response to endocrine treatment. Varenhorst E, et al. **Urology** 1985 Apr;25(4):354–6

Should postmenopausal women be given estrogen? Haber RJ. **West J Med** 1985 May;142(5):672–7

[Thoughts on long–term estrogen substitution—should gynecologists change their mind?] Völker W, et al. **Geburtshilfe Frauenheilkd** 1985 May;45(5):326–32 (Eng. Abstr.) (Ger)

[Treatment of constitutionally tall girls with physiological estrogen doses in the prepuberty period. An alternative to high–dose estrogen therapy] Schambach H, et al. **Monatsschr Kinderheilkd** 1985 Jan;133(1):32–7 (Eng. Abstr.) (Ger)

[Platelet aggregation during the intake of sex steroids in patients with dysfunctional uterine hemorrhages in the climacteric] Marchenko LA. **Sov Med** 1985;(4):94–8 (Rus)

[Therapeutic efficacy of the combination of chlorquinaldol plus promestriene in infections of the vagina] Palacios Gil–Antuñano S. **Rev Clin Esp** 1984 Jun 15-30; 173(5–6):297–300 (Eng. Abstr.) (Spa)

ESTRONE

Effects of chronic bromocriptine treatment of an estrone–induced, prolactin–secreting rat pituitary adenoma. Eljarmak D, et al. **Horm Res** 1985;21(3):160–7

[Conformation of estrone and its derivatives from crystallographic data. Roentgenostructural analysis of 3–deoxyestrone] Chekhlov AN, et al. **Bioorg Khim** 1984 Jan;10(1):109–15 (Eng. Abstr.) (Rus)

ADMINISTRATION & DOSAGE

[Case of galactorrhea in a transsexual male patient] Kozlov GI, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):37–8 (Rus)

ANALOGS & DERIVATIVES

An enzymeimmunoassay of serum oestrone sulphate and its application to early pregnancy diagnosis in pigs. Sugiyama S, et al. **Br Vet J** 1985 Jan–Feb;141(1):60–8

Catecholestrogen regulation of prolactin synthesis in pituitary cell culture. Shupnik MA, et al. **Endocrinology** 1985 Sep; 117(3):939–46

Excretion of total estrogens and estrone–3–glucuronide during treatment with human menopausal gonadotropins. Frenkel Y, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jul;20(1):27–33

An estrogen test to determine the times of potential fertility in women. Schiphorst LE, et al. **Fertil Steril** 1985 Sep; 44(3):328–34

Effects of human chorionic gonadotrophin, oestradiol and estromustine on testicular blood flow in hypophysectomized rats. Daehlin L, et al. **Int J Androl** 1985 Feb;8(1):58–68

Synthesis and pharmacokinetics of 131I labeled benzoyl derivatives of estrone and estradiol. Brandau W, et al. **Int J Appl Radiat Isot** 1985 May;36(5):379–84

Direct assay of urinary steroid glucuronides for monitoring the approach of ovulation. Merlo AB, et al. **Int J Fertil** 1984;29(3):189–93

Increased levels of 16 alpha–hydroxyestrone–modified proteins in pregnancy and in systemic lupus erythematosus. Bucala R, et al. **J Clin Endocrinol Metab** 1985 May; 60(5):841–7

Uptake of estrone and estrone–3–sulfate by lung of macaca fuscata. Sakai C, et al. **J Endocrinol Invest** 1984 Oct; 7(5):441–4

Stimulation of estradiol production from estrone-3-sulfate by 5 alpha-dihydrotestosterone in cultured human placental explants. Ling WY, et al. **J Steroid Biochem** 1984 Dec;21(6):653-7

Estrone and dehydroepiandrosterone sulfatase activities in guinea-pig uterus and liver: estrogenic effect of estrone sulfate. Moutaouakkil M, et al. **J Steroid Biochem** 1984 Sep;21(3):321-8

Estrone sulfatase activity in the human brain and estrone sulfate levels in the normal menstrual cycle. Platia MP, et al. **J Steroid Biochem** 1984 Sep;21(3):237-41

Intestinal absorption of oestrone, oestrone glucuronide and oestrone sulphate in the rat in situ--I. Importance of hydrolytic enzymes on conjugate absorption. Sim SM, et al. **J Steroid Biochem** 1985 Jun;22(6):781-8

The effect of low-dose piperazine oestrone sulphate and low-dose levonorgestrel on blood lipid levels in post-menopausal women. Wren B, et al. **Maturitas** 1985 Jul;7(2):141-6

Steroid sulfatase activities in normal and cirrhotic livers and plasma levels of estrone sulfate, estrone and estradiol-17 beta in men. Prost O, et al. **Steroids** 1984 Feb;43(2):189-99

[Changes in plasma 2-hydroxyestrone levels in pubertal females and correlation with sex hormones] Kawai K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Dec;36(12):2551-60 (Eng. Abstr.) **(Jpn)**

[Conformation of estrone and its derivatives from crystallographic data. Roentgenostructural analysis of 3-deoxyestrone] Chekhlov AN, et al. **Bioorg Khim** 1984 Jan;10(1):109-15 (Eng. Abstr.) **(Rus)**

ANALYSIS

The endogenous concentration of estradiol and estrone in normal human postmenopausal endometrium. Vermeulen-Meiners C, et al. **J Steroid Biochem** 1984 Nov;21(5):607-12

BIOSYNTHESIS

Changes in oestrogen-synthesizing ability of preovulatory bovine follicles relative to the peak of LH. Dieleman SJ, et al. **J Reprod Fertil** 1984 Nov;72(2):487-94

Conversion of testosterone and progesterone to oestrone by the ovary of the rat embryo in organ culture. Weniger JP, et al. **J Steroid Biochem** 1984 Sep;21(3):347-9

BLOOD

Episodic secretion of hormones and the diagnostic value of single blood estimates. II. Progesterone, oestradiol and oestrone. Siklósi G, et al. **Acta Med Hung** 1984;41(4):203-11

Rapid and simultaneous measurement of estrone, estradiol, estriol and estetrol in serum by high performance liquid chromatography with electrochemical detection. Hayashi N, et al. **Acta Med Okayama** 1985 Apr;39(2):143-53

Serum levels of dehydroepiandrosterone sulphate and total estrone in postmenopausal women with special regard to 'non-endocrine' ovarian carcinoma. Carlström K, et al. **Acta Obstet Gynecol Scand** 1985;64(3):267-8

Effect of natural estrogen on the serum level of follicle-stimulating hormone (FSH), estradiol and estrone in post-menopausal women and its effect on endometrium. Varma TR, et al. **Acta Obstet Gynecol Scand** 1985;64(2):105-9

The effect of chronic and acyclic elevation of circulating androstenedione or estrone concentrations on ovarian function in the rhesus monkey. Billiar RB, et al. **Endocrinology** 1985 Jun;116(6):2209-20

Early released lipid-soluble cardiodepressant factor and elevated oestrogenic substances in human septic shock. Benassayag C, et al. **Eur J Clin Invest** 1984 Aug;14(4):288-94

Altered androstenedione and estrone dynamics associated with abnormal hormonal profiles in amenorrheic subjects with weight loss or obesity. Loughlin T, et al. **Fertil Steril** 1985 May;43(5):720-5

Conversion of estrone to estradiol and estradiol to estrone in postmenopausal women. Reed MJ, et al. **Obstet Gynecol** 1985 Sep;66(3):361-5

Steroid dynamics in the rabbit. Bourget C, et al. **Steroids** 1984 Feb;43(2):225-33

Steroid sulfatase activities in normal and cirrhotic livers and plasma levels of estrone sulfate, estrone and estradiol-17 beta in men. Prost O, et al. **Steroids** 1984 Feb;43(2):189-99

Simultaneous quantification of progesterone, estrone, estradiol-17 beta and corticosterone in female American kestrel plasma. Rehder NB, et al. **Steroids** 1984 Apr;43(4):371-83

[Studies on changes in serum estrone, estradiol, estriol, DHA-S, and cortisol and urinary estriol excretion] Ikeno N, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):99-106 (Eng. Abstr.) **(Jpn)**

METABOLISM

Influence of the oral administration of micronized progesterone on plasma and tissue levels of steroids in human pregnancy. Ferre F, et al. **Acta Physiol Hung** 1985;65(4):443-51

Estrogen metabolism in rat liver microsomal and isolated hepatocyte preparations—I. Metabolite formation and irreversible binding to cellular macromolecules. Brueggemeier RW, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3853-9

Gossypol inhibits estrogen binding to rat alpha-fetoprotein. Baker ME. **FEBS Lett** 1984 Sep 17;175(1):41-4

In vitro conversion of androgen to estrogen in amphioxus gonadal tissues. Callard GV, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):53-8

Synthesis and pharmacokinetics of 131I labeled benzoyl derivatives of estrone and estradiol. Brandau W, et al. **Int J Appl Radiat Isot** 1985 May;36(5):379-84

Uptake of estrone and estrone-3-sulfate by lung of macaca fuscata. Sakai C, et al. **J Endocrinol Invest** 1984 Oct;7(5):441-4

Intestinal absorption of oestrone, oestrone glucuronide and oestrone sulphate in the rat in situ--I. Importance of hydrolytic enzymes on conjugate absorption. Sim SM, et al. **J Steroid Biochem** 1985 Jun;22(6):781-8

Alpha-fetoprotein favours accumulation of estrone but not arachidonic acid into the fetal and new-born rat brain. Aussel C, et al. **Life Sci** 1985 Feb 4;36(5):479-84

[Steroidal regulation of the normal human oviduct] Devoto L, et al. **Rev Med Chil** 1984 Aug;112(8):821-5 (Eng. Abstr.) **(Spa)**

PHARMACODYNAMICS

Increased lysosomal fragility in the human uterine cervix following estrogen therapy. Herczeg J, et al. **Arch Gynecol** 1985;236(3):131-3

Effect of estrogens on human blood lymphocyte subpopulations in vitro. Paral E, et al. **J Clin Lab Immunol** 1984 Dec;15(4):195-7

Modulation of lymphokine-induced macrophage activation by estrogen metabolites. Pfeifer RW, et al. **J Immunopharmacol** 1985;7(2):247-63

Inhibition of androgen metabolism in stroma and epithelium of the human benign prostatic hyperplasia by progesterone, estrone, and estradiol. Krieg M, et al. **Prostate** 1985;6(3):233-40

[The endometrium of intact or castrated rats. Effects of hormonal stimulation. A scanning electron microscopy study] Paris J, et al. **Bull Assoc Anat (Nancy)** 1984 Jun;68(201):211-21 (Eng. Abstr.) **(Fre)**

RADIATION EFFECTS

Photosensitized irreversible binding of estrone to protein via a hydroperoxide intermediate: an explanation of (photo-) allergic side-effects of estrogens. Sedee AG, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):675-81

Interaction of the photosensitization products of oestrone with DNA: comparison with the horseradish peroxidase catalyzed reaction. Sedee AG, et al. **Chem Biol Interact** 1984 Oct;51(3):357-63

SECRETION

Gonadotrophins and ovarian steroids in cattle. II. Pulsatile changes of concentrations in the jugular vein throughout pregnancy. Schallenberger E, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):322-30

TOXICITY

Hormonal induction of uterine sarcomas in GR mice not dependent on mammary tumor virus genes or uterine trauma [letter] Briand P, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):141-2

Irradiation and prolactin effects on rat mammary carcinogenesis: intrasplenic pituitary and estrone capsule implants. Clifton KH, et al. **JNCI** 1985 Jul;75(1):167-75

URINE

Plasma prolactin, LH, FSH and estrogen excretion patterns in gilts during sexual development. Camous S, et al. **J Anim Sci** 1985 May;60(5):1308-17

ESTROUS CYCLE see ESTRUS

ESTRUS

Cell proliferation in the principal target organs of the dog (beagle) ovary during various periods of the estrous cycle. Spanel-Borowski K, et al. **Acta Anat (Basel)** 1984;120(4):207-13

Gonadotrophins and ovarian steroids in cattle. I. Pulsatile changes of concentrations in the jugular vein throughout the oestrous cycle. Schallenberger E, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):312-21

Compensatory adrenal growth and conditioned avoidance response in relation to oestrous cycle and metoclopramide induced constant dioestrus. Sfikakis A, et al. **Acta Endocrinol [Suppl] (Copenh)** 1984;265:12-4

Arylsulphatases A and B in the oviduct of female rabbits in anestrus and estrus conditions. Vitaioli L, et al. **Acta Histochem (Jena)** 1984;75(2):141-8

Porcine follicular fluid treatment at proestrus diminishes the serum progesterone level of rats in early pregnancy. Guoth J, et al. **Acta Physiol Hung** 1985;65(1):53-5

Glycosidases in the rat uterus during the oestrus cycle. Pizarro RA, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(3):271-6

Blood acetaldehyde response to ethanol ingestion during the reproductive cycle of the female rat. Gordon BH, et al. **Alcohol** 1985 Mar-Apr;2(2):271-5

Endothelial mitosis during the initial stages of corpus luteum neovascularization in the cycling adult rat. Gaede SD, et al. **Am J Anat** 1985 Feb;172(2):173-80

Ultrastructural changes in the oviductal epithelium of Merino ewes during the estrous cycle. Hollis DE, et al. **Am J Anat** 1984 Dec;171(4):441-56

Interaction of ovarian steroids and periarterial alpha 1-adrenergic receptors in altering uterine blood flow during the estrous cycle of gilts. Ford SP, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):480-4

Pineal gland influences period of circannual rhythms of ground squirrels. Zucker I. **Am J Physiol** 1985 Jul;249(1 Pt 2):R111-5

Characteristics and bioefficacy of monoclonal antigonadotropin releasing hormone antibody. Gupta SK, et al. **Am J Reprod Immunol Microbiol** 1985 Mar;7(3):104-8

Cytoplasmic estrogen and progesterone receptors in canine endometrium during the estrous cycle. Johnston SD, et al. **Am J Vet Res** 1985 Aug;46(8):1653-8

Prolactin receptors in the rat mammary gland. Change during the estrous cycle. Guillaumot P, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):612-7

Permeability and changes in carbohydrate moiety in rat endometrial epithelium during oestrus as revealed by ruthenium red. Hurtado de Mendoza MV, et al. **Biol Cell** 1985;53(2):187-90

Uterine adenylate cyclase activity during the estrous cycle and early progestation in the rat: responses to fluoride activation and decidual induction. Bekairi AM, et al. **Biol Reprod** 1984 Nov;31(4):742-51

Patterns of follicular growth during the four-day estrous cycle of the rat. Butcher RL, et al. **Biol Reprod** 1984 Sep;31(2):280-6

The glycocalyx of the mouse uterine luminal epithelium during estrus, early pregnancy, the peri-implantation period, and delayed implantation. I. Acquisition of Ricinus communis I binding sites during pregnancy. Chávez DJ, et al. **Biol Reprod** 1985 Jun;32(5):1135-42

Longitudinal studies of estrous cyclicity in aging C57BL/6J mice: II. Cessation of cyclicity and the duration of persistent vaginal cornification. Felicio LS, et al. **Biol Reprod** 1984 Oct;31(3):446-53

Cytosolic receptor for estradiol in the corpus luteum of the ewe: variation throughout the estrous cycle and distribution between large and small steroidogenic cell types. Glass JD, et al. **Biol Reprod** 1984 Dec;31(5):967-74

Proestrous hormonal changes preceding the onset of ovulatory failure in lightly androgenized female rats. Handa RJ, et al. **Biol Reprod** 1985 Mar;32(2):232-40

Acrosome reaction of bovine spermatozoa in vivo: sites and effects of stages of the estrous cycle. Herz Z, et al. **Biol Reprod** 1985 Jun;32(5):1163-8

Shifts in gonadotropin and steroid levels that precede anestrus in female golden hamsters exposed to a short photoperiod. Jorgenson KL, et al. **Biol Reprod** 1985 Apr;32(3):611-8

Fertility control in the bitch by active immunization with porcine zonae pellucidae: use of different adjuvants and patterns of estradiol and progesterone levels in estrous cycles. Mahi-Brown CA, et al. **Biol Reprod** 1985 May;32(4):761-72

Effect of dietary restriction on estrous cyclicity and follicular reserves in aging C57BL/6J mice. Nelson JF, et al. **Biol Reprod** 1985 Apr;32(3):515-22

Down regulation of prolactin receptors in the hamster ovary by the preovulatory gonadotropin surge. Oxberry BA, et al. **Biol Reprod** 1984 Oct;31(3):464-70

Immunoreactive forms of luteinizing hormone-releasing hormone in the brains of aging rats exhibiting persistent vaginal estrus. Rubin BS, et al. **Biol Reprod** 1984 Sep;31(2):343-51

Study of the luteinizing hormone-induced increase of ovarian blood flow during the estrous cycle in the rat. Varga B, et al. **Biol Reprod** 1985 Apr;32(3):480-8

The proestrous surge of prolactin enhances sexual receptivity in the rat. Witcher JA, et al. **Biol Reprod** 1985 May;32(4):834-9

Actions of morphine, pethidine and pentazocine on the oestrus and pregnant rat uterus in vitro. Sivalingam T, et al. **Br J Anaesth** 1985 Apr;57(4):430-3

The use of milk progesterone profiles for assessing the response to cloprostenol treatment of non-detected oestrus in dairy cattle. Ball PJ, et al. **Br Vet J** 1984 Nov-Dec;140(6):543-9

Effects of shearing on the reproductive activity and plasma prolactin levels of Dorset ewes. Pijoan PJ, et al. **Br Vet J** 1984 Sep-Oct;140(5):444-9

Reproductive activity of poll Dorset ewes following shearing in January. Williams HL. **Br Vet J** 1984 Sep-Oct;140(5):517-8

The sexually dimorphic region of the preoptic area in rats contains denser opiate receptor binding sites in females. Hammer RP Jr. **Brain Res** 1984 Aug 6;308(1):172-6

Paraventricular nucleus lesions exaggerate dietary obesity but block photoperiod-induced weight gains and suspension of estrous cyclicity in Syrian hamsters. Bartness TJ, et al. **Brain Res Bull** 1985 May;14(5):427-30

The effect of an LH pulse on 3H-thymidine incorporation into cultured ovaries of metestrous rats. Peluso JJ, et al. **Cell Tissue Res** 1984;238(1):159-63

Diffusion barriers in the vaginal epithelium during the estrous cycle in guinea pigs. Winterhager E, et al. **Cell Tissue Res** 1985;241(2):325-31

Swine uterus carnosinase activity in oestrous cycle and early pregnancy. Jablonowska C, et al. **Comp Biochem Physiol [B]** 1985;80(2):381-3

Luteinizing hormone beta-subunit mRNA amounts increase during the preovulatory surge of luteinizing hormone in the ewe: the highest levels are observed at the completion of the peak. Landefeld T, et al. **DNA** 1985 Jun;4(3):249-54

Release of progesterone by porcine luteal cells from different days of estrous cycle: effect of LH, PRL and PGF2 alpha. Gražul A. **Endocrinol Exp (Bratisl)** 1985 Jun;19(2):117-28

Differential changes in the mechanisms controlling luteinizing hormone and prolactin secretion in middle-aged female rats. Akema T, et al. **Endocrinol Jpn** 1985 Feb;32(1):153-61

Subpopulations of luteinizing hormone (LH) possessing various ratios of bioactivity to immunoreactivity in the female rat pituitary glands and their changes during the estrous cycle. Uchida H, et al. **Endocrinol Jpn** 1984 Oct;31(5):605-18

Changes in the pulsatile pattern of luteinizing hormone secretion during the rat estrous cycle. Fox SR, et al. **Endocrinology** 1985 Apr;116(4):1485-92

Lack of ovarian steroid negative feedback on pulsatile luteinizing hormone release between estrus and diestrous day 1 in the rat estrous cycle. Gallo RV, et al. **Endocrinology** 1985 Apr;116(4):1525-8

Importance of short luteal phases in the endocrine mechanism controlling initiation of estrous cycles in anestrous ewes. Legan SJ, et al. **Endocrinology** 1985 Oct;117(4):1530-6

Ovarian immunoreactive beta-endorphin and estrous cycle in the rat. Lolait SJ, et al. **Endocrinology** 1985 Jul;117(1):161-8

Relation of circulating estradiol and progesterone to gonadotropin secretion and estrous cyclicity in aging female rats. Lu JK, et al. **Endocrinology** 1985 May;116(5):1953-9

Neurotransmitters involved in mediating the steroid-dependent suppression of pulsatile luteinizing hormone secretion in anestrous ewes: effects of receptor antagonists. Meyer SL, et al. **Endocrinology** 1985 May;116(5):2054-61

Changes in beta-endorphin-like immunoreactivity in pituitary portal blood during the estrous cycle and after ovariectomy in rats. Sarkar DK, et al. **Endocrinology** 1985 May;116(5):2075-9

Cyclic changes in rat uterine proliferation during the estrous cycle are preceded by changes in protein kinase activity. Sharoni Y, et al. **Endocrinology** 1984 Dec;115(6):2297-302

Evidence that central epinephrine neurons participate in the control and regulation of neuroendocrine events during the estrous cycle. Sheaves R, et al. **Endocrinology** 1985 Feb;116(2):542-6

Secretion of luteinizing hormone (LH) and pituitary receptors for LH-releasing hormone as modified by the proestrous surge of progesterone. Witcher JA, et al. **Endocrinology** 1984 Dec;115(6):2189-94

Evaluation of the involvement of the adrenals in the pheromonal influences on the oestrous cycle of laboratory mice. Gangrade BK, et al. **Exp Clin Endocrinol** 1984 Jul;84(1):13-9

Immunoreactive substance P and LH-RH content in median eminence and pituitary gland during proestrus, oestrus, lactation and after anterior hypothalamic deafferentation. Jakubowska-Naziemblo B, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):155-66

Estradiol, progesterone and testosterone receptors for pig endometrium and myometrium at various stages of the estrous cycle. Koziorowski M, et al. **Exp Clin Endocrinol** 1984 Dec;84(3):285-93

Changes of AChE activity in ovarian nerves of pigs in different periods of the oestrous cycle: relationship to ovarian steroids. Lakomy M, et al. **Gegenbaurs Morphol Jahrb** 1984;130(5):719-31

Relationship between release of LH and incorporation of tritiated thymidine in the anterior pituitary gland of the castrated female rat. Machiavelli GA, et al. **Horm Metab Res** 1985 Jun;17(6):298-300

Sex related response to stress induced by immobilization with pain in Wistar rats. Menendez-Patterson A, et al. **Indian J Med Res** 1984 Jun;79:824-30

The influence of the stage of the estrous cycle and novel cows upon mounting activity of dairy cattle. Alexander TJ, et al. **J Anim Sci** 1984 Dec;59(6):1430-9

Cortisol response of gilts in tether stalls. Becker BA, et al. **J Anim Sci** 1985 Jan;60(1):264-70

Control of uterine and ovarian blood flow throughout the estrous cycle and pregnancy of ewes, sows and cows. Ford SP. **J Anim Sci** 1982;55 Suppl 2:32-42 (79 ref.)

Changes and interrelationships among luteal LH receptors, adenylate cyclase activity and phosphodiesterase activity during the bovine estrous cycle. Garverick HA, et al. **J Anim Sci** 1985 Jul;61(1):216-23

Follicular growth and production of estrogen and progesterone after injection of gilts with human chorionic gonadotropin on day 12 of the estrous cycle. Guthrie HD, et al. **J Anim Sci** 1984 Nov;59(5):1295-302

Production of estradiol by each ovary during the estrous cycle of cows. Ireland JJ, et al. **J Anim Sci** 1984 Sep;59(3):764-71

Effects of charcoal-extracted, bovine follicular fluid on gonadotropin concentrations, the onset of estrus and luteal function in heifers. Johnson SK, et al. **J Anim Sci** 1985 Jul;61(1):203-9

Onset of puberty and duration of the breeding season in Suffolk, Rambouillet, Finnish Landrace, Dorset and Finn-Dorset ewe lambs. Quirke JF, et al. **J Anim Sci** 1985 Jun;60(6):1463-71

Cytoplasmic and nuclear estrogen receptors and leucine incorporation in endometrium of cyclic and pregnant pigs to day 19 postestrus. Rexroad CE Jr, et al. **J Anim Sci** 1984 Nov;59(5):1286-94

LHRH receptor, LH and FSH concentrations in anterior pituitaries of cycling, noncycling and early pregnant heifers. Schoenemann HM, et al. **J Anim Sci** 1985 Feb;60(2):532-6

Influence of reduced litter size and daily litter separation on fertility of sows at 2 to 5 weeks postpartum. Stevenson JS, et al. **J Anim Sci** 1984 Aug;59(2):284-93

Relationships among dietary lipid intake, serum cholesterol and ovarian function in Holstein heifers. Talavera F, et al. **J Anim Sci** 1985 Apr;60(4):1045-51

Influence of exposure to bulls on resumption of estrous cycles following parturition in beef cows. Zalesky DD, et al. **J Anim Sci** 1984 Nov;59(5):1135-9

Pituitary alpha subunit mRNA amounts during the sheep estrous cycle. Assessment by cDNA hybridizations. Landefeld TD, et al. **J Biol Chem** 1984 Oct 25;259(20):12817-20

Local cerebral glucose utilization in normal female rats: variations during the estrous cycle and comparison with males. Nehlig A, et al. **J Cereb Blood Flow Metab** 1985 Sep;5(3):393-400

Postpartum and lactational estrus: a comparative analysis in rodentia. Gilbert AN. **J Comp Psychol** 1984 Sep;98(3):232-45

Intrasexual interactions among female golden hamsters (Mesocricetus auratus) over the estrous cycle. Takahashi LK, et al. **J Comp Psychol** 1984 Sep;98(3):267-75

Uterine contractions and fertility following clitoral massage of dairy cattle in estrus. Cooper MD, et al. **J Dairy Sci** 1985 Mar;68(3):703-8

Onset of estrus in dairy cows maintained indoors year-round. Hackett AJ, et al. **J Dairy Sci** 1984 Aug;67(8):1793-7

Prolactin in blood plasma and milk of buffalo during estrous cycle and early pregnancy. Pahwa GS, et al. **J Dairy Sci** 1984 Sep;67(9):2001-5

Identification of the major steroids in ovarian and adrenal venous plasma of the brush-tail possum (Trichosurus vulpecula) and changes in the peripheral plasma levels of oestradiol and progesterone during the reproductive cycle. Curlewis JD, et al. **J Endocrinol** 1985 Apr;105(1):53-62

Varying sensitivity to the negative oestrogen feedback during the ovarian cycle of female rats: evidence for the involvement of oestrogen and the medial preoptic area. Döcke F, et al. **J Endocrinol** 1984 Sep;102(3):287-94

Further study of oestrous cycles that follow interruption of spontaneous persistent oestrus in middle-aged rats. Everett JW. **J Endocrinol** 1984 Sep;102(3):271-6

Evidence for a stimulatory beta-adrenergic component in the release of the ovulatory LH surge in pro-oestrous rats. Al-Hamood MH, et al. **J Endocrinol** 1985 Aug;106(2):143-51

Effects of antiserum to thyrotrophin-releasing hormone on the concentrations of plasma prolactin, thyrotrophin and LH in the pro-oestrous rat. Horn AM, et al. **J Endocrinol** 1985 Feb;104(2):205-9

Parachlorophenylalanine blocks the spontaneous pro-oestrous surge of prolactin as well as LH and affects the secretion of oestradiol-17 beta. Horn AM, et al. **J Endocrinol** 1985 Mar;104(3):415-8

Intersexuality in five pigs, with particular reference to oestrous cycles, the ovotestis, steroid hormone secretion and potential fertility. Hunter RH, et al. **J Endocrinol** 1985 Aug;106(2):233-42

Can the transition into anoestrus in the ewe be accounted for solely by insufficient tonic LH secretion? Legan SJ, et al. **J Endocrinol** 1985 Jul;106(1):55-60

Inhibin-like activity in media from cultured rat granulosa cells collected throughout the oestrous cycle. Sander HJ, et al. **J Endocrinol** 1984 Oct;103(1):77-84

Endocrine control of uterine oxytocin receptors in the ewe. Sheldrick EL, et al. **J Endocrinol** 1985 Aug;106(2):249-58

Odour recognition by male hamsters: discrimination of the hormonal state of females by odour from vaginal secretions. Steel E. **J Endocrinol** 1985 May;105(2):255-62

Progesterone and luteinizing hormone secretion following stress-induced interruption of constant estrus in aged rats. Miller AE, et al. **J Gerontol** 1985 Mar;40(2):129-32

Immunocytochemical studies of relaxin in ovaries of pregnant and cycling mice. Vaupel MR, et al. **J Histochem Cytochem** 1985 Apr;33(4):303-8

Spontaneously prolonged dioestrus and serotonin in various regions of the rat brain. Chomicka LK, et al. **J Neural Transm** 1985;63(1):31-8

Growth and estrous activity of rats fed adequate and deficient levels of phosphorus. Greene LW, et al. **J Nutr** 1985 Jun;115(6):753-8

Ram-induced growth of ovarian follicles and gonadotrophin inhibition in anoestrous ewes. Atkinson S, et al. **J Reprod Fertil** 1985 Jan;73(1):185-9

Further studies on prostaglandin and thromboxane production by the rat uterus during the oestrous cycle. Brown CG, et al. **J Reprod Fertil** 1985 Mar;73(2):391-9

Characteristics of the oestrous cycle and influence of social factors in grey short-tailed opossums (Monodelphis domestica). Fadem BH, et al. **J Reprod Fertil** 1985 Mar;73(2):337-42

Influence of season and sex on the inhibitory effect of ovine follicular fluid on plasma gonadotrophins in gonadectomized sheep. Findlay JK, et al. **J Reprod Fertil** 1985 Mar;73(2):329-35

Observations on variability in LH release and fertility during oestrus in the domestic cat (Felis catus). Glover TE, et al. **J Reprod Fertil** 1985 Sep;75(1):145-52

Peripheral plasma prolactin concentrations during oestrous cycles in different types of primitive gilt. Gromadzka-Ostrowska J, et al. **J Reprod Fertil** 1985 Jan;73(1):159-64

Oestradiol in follicular fluid and in utero-ovarian venous and peripheral plasma during parturition and postpartum oestrus in the tammar, Macropus eugenii. Harder JD, et al. **J Reprod Fertil** 1984 Nov;72(2):551-8

Comparison of the rate of decline in plasma progesterone concentrations at a natural and progesterone-synchronized oestrus and its effect on tonic LH secretion in the ewe. Haresign W. **J Reprod Fertil** 1985 Sep;75(1):231-6

Ovarian follicular growth during the oestrous cycle in two breeds of ewes of different ovulation rate, the D'Man and the Timahdite. Lahlou-Kassi A, et al. **J Reprod Fertil** 1984 Nov;72(2):301-10

Diurnal variation in the response of anoestrous ewes to the ram effect. Martin GB, et al. **J Reprod Fertil** 1985 Sep;75(1):275-84

An interaction between season of calving and nutrition on the resumption of ovarian cycles in post-partum beef cattle. Montgomery GW, et al. **J Reprod Fertil** 1985 Jan;73(1):45-50

Changes in pulsatile LH secretion after ovariectomy in Ile-de-France ewes in two seasons. Montgomery GW, et al. **J Reprod Fertil** 1985 Jan;73(1):173-83

Rate and course of atresia during follicular development in the adult cyclic rat. Osman P. **J Reprod Fertil** 1985 Jan;73(1):261-70

Steroid hormones in uterine washings and in plasma of gilts between days 9 and 15 after oestrus and between days 9 and 15 after coitus. Stone BA, et al. **J Reprod Fertil** 1985 Sep;75(1):209-21

Identification of an oestrus-associated glycoprotein in oviducal fluid of the sheep. Sutton R, et al. **J Reprod Fertil** 1984 Nov;72(2):415-22

Control of gonadotrophin release in Scottish Blackface and Finnish Landrace ewes during seasonal anoestrus. Webb R, et al. **J Reprod Fertil** 1985 Mar;73(2):369-78

Changes in NK cell activity during the estrous cycle and pregnancy in mice. Furukawa K, et al. **J Reprod Immunol** 1984 Dec;6(6):353-63

Effect of cycle stage on immunoglobulin concentrations in reproductive tract secretions of the mare. Widders PR, et al. **J Reprod Immunol** 1985 May;7(3):233-42

Progesterone control of nuclear estrogen receptor: demonstration in hamster uterus during the estrous cycle and pseudopregnancy using a new exchange assay. Leavitt WW, et al. **J Steroid Biochem** 1985 May;22(5):583-8

Oestradiol and progesterone receptors in the pig oviduct during the oestrous cycle. Stanchev P, et al. **J Steroid Biochem** 1985 Jan;22(1):115-20

Structural changes in the contractile apparatus of the myometrium during estrus and pregnancy. Kelly RE, et al. **J Submicrosc Cytol** 1985 Jan;17(1):1-10

Plasma progesterone concentrations during the estrous cycle, pregnancy, and lactation in the Chinese hamster, Cricetulus griceus. Sato T, et al. **Jikken Dobutsu** 1984 Oct;33(4):501-8

Progesterone as a predictor of cyclicity in Bolivian squirrel monkeys during the breeding season. Aksel S, et al. **Lab Anim Sci** 1985 Feb;35(1):54-7

Bone marrow hypoplasia associated with estrus in ferrets. Sherrill A, et al. **Lab Anim Sci** 1985 Jun;35(3):280-6

Interactions between Ca2+-antagonist binding sites in rat adenohypophysis: dependence on estrous cycle. Moscona-Amir E, et al. **Life Sci** 1984 Sep 3;35(10):1043-50

Measurement of concanavalin A induced agglutination of follicular, luteal and atretic rat granulosa cells. Parshad RK, et al. **Life Sci** 1985 Sep 16;37(11):1001-5

Regional changes in monoamine metabolism in the aging constant estrous rat. Simpkins JW. **Neurobiol Aging** 1984 Winter;5(4):309-13

Muscarinic receptors in the preoptic area are sensitive to 17 beta-estradiol during the critical period. Egozi Y, et al. **Neuroendocrinology** 1985 May;40(5):385-92

Effect of Ca2+ on the binding characteristics of muscarinic receptors in rat adenohypophysis—variation during the estrous cycle. Moscona-Amir E, et al. **Neuroendocrinology** 1985 Jun;40(6):483-92

Circadian pattern of multiunit activity of the rat suprachiasmatic nucleus during the estrous cycle. Pardey-Borrero BM, et al. **Neuroendocrinology** 1985 May;40(5):450-6

Cyclic variation of oxytocin in the blood of pituitary portal vessels of rats. Sarkar DK, et al. **Neuroendocrinology** 1984 Nov;39(5):481-3

Choline acetyltransferase activity in the pars distalis, preoptic area and striatum during the rat estrous cycle. Simpkins J, et al. **Neuroendocrinology** 1985 May;40(5):444-9

The dynamic interaction between steroids and gonadotropins in the mammalian ovulatory cycle. Mahesh VB. **Neurosci Biobehav Rev** 1985 Summer;9(2):245-60 (137 ref.)

Sex differences in gamma-aminobutyric acid and glutamate concentrations in discrete rat brain nuclei. Frankfurt M, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):245-50

Blind, olfactory bulbectomized female rats do not have daily luteinizing hormone surges. Pieper DR, et al. **Neurosci Lett** 1985 Mar 15;54(2-3):295-9

The effect of a PMSG/HCG preparation in anoestrous sows and gilts. Dalin AM. **Nord Vet Med** 1984 Jul-Aug; 36(7-8):201-6

Wheel-running during anoestrus and oestrus in the ferret. Donovan BT. **Physiol Behav** 1985 May;34(5):825-9

Olfactory cues and accessory olfactory bulb lesion: effects on sexual behavior in the cyclic female rat. Kelche C, et al. **Physiol Behav** 1984 Jul;33(1):45-8

Estrous synchrony: modulation of ovarian cycle length by female pheromones. McClintock MK. **Physiol Behav** 1984 May;32(5):701-5

Four- versus five-day estrous cycles in rats: vaginal cycling and pregnancy. Matthews MK Jr, et al. **Physiol Behav** 1984 Jul;33(1):65-7

The relationship between heat abbreviation and neural progestin receptors in female rats. Reading DS, et al. **Physiol Behav** 1984 Jun;32(6):973-81

Bioeffective monoclonal antibody against the decapeptide gonadotropin-releasing hormone: reacting determinant and action on ovulation and estrus suppression. Talwar GP, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1228-31

Disruption of estrous cycles in exercise-trained rats. Carlberg KA, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):21-4

Changes in tissue histamine during the estrous cycle, pregnancy and pseudopregnancy in the golden hamster. Hine RJ, et al. **Proc Soc Exp Biol Med** 1985 Jul; 179(3):271-8

Alterations in follicular fluid steroids and follicular hCG and FSH binding during atresia in hamster. Na JY, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):123-7

Aggression among female rats during the estrus cycle. Hood KE. **Prog Clin Biol Res** 1984;169:181-8

The efflux from and the metabolism of 3H-norepinephrine in sow Graafian follicles. Variable involvement of some prostaglandins during two different stages of the sex cycle. Fernandez-Pardal J, et al. **Prostaglandins Leukotrienes Med** 1985 Jul;19(1):1-10

Prostaglandins and ovarian factors as modulators of the negative inotropic action of histamine in the isolated rat uterus. Viggiano M, et al. **Prostaglandins Leukotrienes Med** 1984 Dec;16(3):267-78

Binding studies of substance P anterior pituitary binding sites: changes in substance P binding sites during the rat estrous cycle. Kerdelhué B, et al. **Regul Pept** 1985 Mar; 10(2-3):133-43

Follicular dynamics throughout the oestrous cycle in sheep. A review. Driancourt MA, et al. **Reprod Nutr Dev** 1985; 25(1A):1-15 (90 ref.)

Sperm transport into the oviducts of heifers mated early in oestrus. Wilmut I, et al. **Reprod Nutr Dev** 1984;24(4):461-8

Ultrastructure of cyclic changes in the murine uterus, cervix, and vagina. Corbeil LB, et al. **Tissue Cell** 1985;17(1):53-68

Reproductive endocrinology and physiology of the bitch and queen. Olson PN, et al. **Vet Clin North Am [Small Anim Pract]** 1984 Jul; 14(4):927-46 (66 ref.)

[Outlook for the programmed insemination of sheep in the anestrual season] Kostov L, et al. **Vet Med Nauki** 1985; 22(3):37-42 (Eng. Abstr.) **(Bul)**

[Seasonal changes in the concentration of total blood proteins in cows during various phase intervals] Lebeda M, et al. **Vet Med (Praha)** 1985 May;30(5):275-88 (Eng. Abstr.) **(Cze)**

[The relation between prolactin and lactational anestrus in swine] Bevers MM, et al. **Tijdschr Diergeneeskd** 1985 Feb 1;110(3):107-13 (Eng. Abstr.) **(Dut)**

[The endometrium of intact or castrated rats. Effects of hormonal stimulation. A scanning electron microscopy study] Paris J, et al. **Bull Assoc Anat (Nancy)** 1984 Jun; 68(201):211-21 (Eng. Abstr.) **(Fre)**

[Progesterone secretion during male-induced cycle in the Creole goat in anestrus: seasonal effects] Chemineau P, et al. **Reprod Nutr Dev** 1984;24(5A):557-61 (Eng. Abstr.) **(Fre)**

[Biochemical study of the endometrium of gilts in the estrous cycle and early pregnancy] Wollenhaupt K, et al. **Arch Exp Veterinarmed** 1984 Sep;38(5):649-57 (Eng. Abstr.) **(Ger)**

[Alfaprostol for the induction of ovulation during estrus in the mare (2)] Arbeiter K, et al. **DTW** 1985 Mar 8;92(3):87-8 (Eng. Abstr.) **(Ger)**

[LH and FSH secretion in bovine anterior pituitary cell cultures depending on the estrous cycle, in pregnant cows and cows with ovarian cysts] Braun U. **Schweiz Arch Tierheilkd** 1985 Jun;127(6):353-68 (Eng. Abstr.) **(Ger)**

[Normo- and pathocyclia in the female dog. Diagnosis and therapy] Wollinger F. **Tierarztl Prax** 1984;12(1):85-91 **(Ger)**

[Light and electron microscopic studies of uterine glands in cattle during the hormone-induced cycle] Dahir AM, et al. **Zentralbl Veterinarmed** [A] 1985 Apr;32(4):297-311 (Eng. Abstr.) **(Ger)**

[Physiological and pharmacological actions of prostaglandins and related substances: prostaglandins and estrus] Kinoshita K, et al. **Nippon Rinsho** 1985 Mar;43(3):544-8 (18 ref.) **(Jpn)**

[Morphometric and ultrastructural aspect of macrophages present in the endometrium of rats during the estrous cycle] Simões MJ, et al. **Rev Bras Biol** 1984 May;44(2):197-201 (Eng. Abstr.) **(Por)**

[Reaction of neurons in the arcuate hypothalamic area to the microiontophoretic application of serotonin at different stages of the estrous cycle in rats] Ignatkov VIa, et al. **Fiziol Zh SSSR** 1983 Jul;69(7):881-6 (Eng. Abstr.) **(Rus)**

[Model for studying the effect of intrauterine synechiae on the estrous cycle] Burchik VK, et al. **Patol Fiziol Eksp Ter** 1985 May-Jun;(3):78-9 **(Rus)**

[Neurohormonal control of the ovarian cycle] Babichev VN. **Zh Obshch Biol** 1984 Jul-Aug;45(4):491-506 (Eng. Abstr.) **(Rus)**

[Changes in the acid-base index of blood in dairy cows in relation to the seasonal composition of feed rations and phases of the reproductive cycle] Valent M. **Vet Med (Praha)** 1984 Oct;29(10):583-92 (Eng. Abstr.) **(Slo)**

DRUG EFFECTS

Effect of Pueraria tuberosa DC on the oestrous cycle of adult rats. Mathur R, et al. **Acta Eur Fertil** 1984 Sep-Oct; 15(5):393-4

Endocrine pathogenesis of postweaning anestrus in swine: response of the persistently anestrous sow to hormonal stimuli. Dial GD, et al. **Am J Vet Res** 1984 Sep; 45(9):1737-42

Effects of ovarian hormones on ovarian capillary blood flow in anoestrous ewes. Brown BW, et al. **Aust J Biol Sci** 1984; 37(5-6):389-92

Prolongation of the bovine estrous cycle with a gonadotropin-releasing hormone analog. Milvae RA, et al. **Biol Reprod** 1984 Nov;31(4):664-70

Prepubertal treatment with estrogen or testosterone precipitates the loss of regular estrous cyclicity and normal gonadotropin secretion in adult female rats. Nass TE, et al. **Biol Reprod** 1984 Nov;31(4):723-31

Estrous cycle modification of rat mammary tumor induction by a single dose of N-methyl-N-nitrosourea. Ratko TA, et al. **Cancer Res** 1985 Jul;45(7):3042-7

Prostaglandin F2 alpha-induced estrus in open cows and presumed abortion in pregnant cows with unobserved estrus in a herd monitored by milk progesterone assay. Cavestany D, et al. **Cornell Vet** 1985 Jul;75(3):393-7

Effect of naloxone on luteinizing hormone, follicle-stimulating hormone, and prolactin secretion in the different phases of the estrous cycle. Piva F, et al. **Endocrinology** 1985 Aug;117(2):766-72

Daily administration of melatonin delays rat vaginal opening and disrupts the first estrous cycles: evidence that these effects are synchronized by the onset of light. Rivest RW, et al. **Endocrinology** 1985 Feb;116(2):779-87

Effect of long-term treatment of norethisterone on the ovary of the cycling albino rat. Sahu A, et al. **Exp Clin Endocrinol** 1984 Oct;84(2):203-10

Androstenedione or corticosterone treatment during pregnancy alters estrous cycle of adult female offspring in mice. Harvey PW, et al. **Experientia** 1985 Apr 15; 41(4):492-4

Scheduled breeding of gilts after estrous synchronization with altrenogest. Davis DL, et al. **J Anim Sci** 1985 Mar; 60(3):599-602

Lifespan of corpora lutea induced in estrous-synchronized cycling and anestrous ewes. Killian DB, et al. **J Anim Sci** 1985 Jul;61(1):210-5

Effects of a single injection of LHRH on the response of anestrous ewes to the introduction of rams. Lopez-Sebastian A, et al. **J Anim Sci** 1984 Aug; 59(2):277-83

Stage of estrous cycle, time of insemination, and seasonal effects on estrus and fertility of Holstein heifers after prostaglandin F2 alpha. Stevenson JS, et al. **J Dairy Sci** 1984 Aug;67(8):1798-805

The antiestrogenic effect of clomiphene on perineal tumescence of the baboon in an in vitro fertilization program. Van der Merwe JV, et al. **J In Vitro Fert Embryo Transfer** 1985 Mar;2(1):46-8

Effect of feeding melatonin to red deer (Cervus elaphus) on the onset of the breeding season. Adam CL, et al. **J Reprod Fertil** 1984 Nov;72(2):463-6

Effects of oestradiol benzoate treatment on the reproductive performance and endocrine status of sows after lactations of 10 or 35 days. Kirkwood RN, et al. **J Reprod Fertil** 1984 Nov;72(2):329-37

Induction of oestrus and ovulation by means of prostaglandin and gonadoliberin (GnRH) treatment in an old mare barren for two breeding seasons. Penzhorn BL, et al. **J S Afr Vet Assoc** 1985 Mar;56(1):53-4

Reproductive/endocrine and anaphylactoid properties of an LHRH-antagonist, ORF 18260 [Ac-DNAL1(2), 4FDPhe2,D-Trp3,D-Arg6]-GnRH. Hahn DW, et al. **Life Sci** 1985 Aug 12;37(6):505-14

Alcohol self-administration by female primates: effects on reproductive function. Mello NK, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:156-62

Supplemental progesterone delays heat termination and the loss of progestin receptors from hypothalamic cell nuclei in female guinea pigs. Brown TJ, et al. **Neuroendocrinology** 1984 Nov;39(5):384-91

Changes in dopamine sensitivity in isolated neurons of the preoptic region during the estrous cycle. Ignatkov VYa, et al. **Neurosci Behav Physiol** 1984 Sep-Oct;14(5):380-4

Induction of estrus in bitches with exogenous gonadotropins, and pregnancy rate and blood progesterone profiles. Nakao T, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):17-24

The effect of estradiol and progesterone on the sexual behavior of ovariectomized mares. Asa CS, et al. **Physiol Behav** 1984 Nov;33(5):681-6

Differences in the response pattern of aged female rats to treatment with lergotrile mesylate. Wiggins C, et al. **Proc Soc Exp Biol Med** 1985 Jun;179(2):173-9

Luteolytic potency in a novel prostaglandin analogue. Buhr MM, et al. **Prostaglandins** 1984 Jul;28(1):93-101

Behavioral effects of progestin in the brain. Barfield RJ, et al. **Psychoneuroendocrinology** 1984;9(3):217-31 (63 ref.)

Effect of PGF2 alpha administration on the release of endogenous PGF2 alpha and oxytocin in indomethacin-treated goats. Homeida AM, et al. **Res Vet Sci** 1985 Jul;39(1):66-9

Oestrus control in the ferret [letter] Oxenham M, et al. **Vet Rec** 1985 Mar 16;116(11):300

Apparent pregnancy failure following mating of bitches at PMSG induced oestrus. Renton JP, et al. **Vet Rec** 1984 Oct 13;115(15):383-4

The effect of a long-acting carba analogue of oxytocin on prostaglandin F2 alpha metabolite levels during the oestrous cycle in swine. Cort N, et al. **Zentralbl Veterinarmed** [A] 1984 Aug;31(7):489-98

[Submucosal vestibulo-vaginal administration of cloprostenol (Oestrophan-Spofa) in cows in relation to estrus activity, conception, and the level of progesterone in milk] Holý L. **Vet Med (Praha)** 1984 Sep;29(9):513-9 (Eng. Abstr.) **(Cze)**

[Possibilities for the use of gonadotropic hormones in swine] Kruff B. **Tierarztl Prax** 1984;12(2):181-4 **(Ger)**

[Embryonic development and various indicators of reproductive function in rats after inhalation of formaldehyde in the preimplantation phase] Kitaev EM, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):49-52 (Eng. Abstr.) **(Rus)**

[Cervical mucus in the heifer uterus during heat and insemination after feeding with synthetic beta-carotene] Elečko J, et al. **Vet Med (Praha)** 1984 Nov;29(11):669-78 (Eng. Abstr.) **(Slo)**

RADIATION EFFECTS

Effect of photoperiod and all-female grouping on the estrous cycle of the bandicoot rat, Bandicota bengalensis. Sahu A. **Experientia** 1984 Nov 15;40(11):1285-7

Intraocular 6-hydroxydopamine prevents the persistent estrus induced by continuous light. Shimizu K, et al. **Experientia** 1985 Jan 15;41(1):125-7

ESTRUS DETECTION see under **BREEDING**

ESTRUS SYNCHRONIZATION

Scheduled breeding of gilts after estrous synchronization with altrenogest. Davis DL, et al. **J Anim Sci** 1985 Mar; 60(3):599-602

Plasma progesterone concentrations, ovarian and endocrinological response and sperm transport in ewes with synchronized oestrus. Pearce DT, et al. **J Reprod Fertil** 1985 Sep;75(1):49-62

[Submucosal vestibulo-vaginal administration of cloprostenol (Oestrophan-Spofa) in cows in relation to estrus activity, conception, and the level of progesterone in milk] Holý L. **Vet Med (Praha)** 1984 Sep;29(9):513-9 (Eng. Abstr.) **(Cze)**

[Regulation of the sexual cycle in cattle] Voss HJ, et al. **DTW** 1984 Sep 7;91(9):331-40 (157 ref.) **(Ger)**

[Micromorphology of the endometrium of dairy cows after estrus synchronization with cloprostenol] Maraček I, et al. **Vet Med (Praha)** 1984 Nov;29(11):679-88 (Eng. Abstr.) **(Slo)**

DRUG EFFECTS

Comparison of the rate of decline in plasma progesterone concentrations at a natural and progesterone-synchronized oestrus and its effect on tonic LH secretion in the ewe. Haresign W. **J Reprod Fertil** 1985 Sep;75(1):231-6

Progestogen and prostaglandin-combined treatments for synchronization of oestrus in post partum crossbred (Bos indicus x Bos taurus) or zebu cows. Lokhande SM, et al. **Rev Elev Med Vet Pays Trop** 1984;37(1):73-8

Fertility of the West African dwarf goat in its native environment following prostaglandin F2-alpha induced estrus. Akusu MO, et al. **Vet Q** 1984 Jul;6(3):173-6

Plasma progesterone and gonadotrophin concentrations following norgestomet treatment with and without cloprostenol in beef cows. Peters AR. **Vet Rec** 1984 Aug 25;115(8):164-6

[Ovulation synchronization with a gonadotropin-releasing hormone, following estrus synchronization with Bovisynchron in heifers] Busch W, et al. **Arch Exp Veterinarmed** 1984 Nov;38(6):900-12 (Eng. Abstr.) **(Ger)**

ETAZOLATE see under **NICOTINIC ACIDS**

ETHACRIDINE see under **ACRIDINES**

ETHACRYNIC ACID

ANALYSIS

Liquid chromatographic analysis of ethacrynic acid and degradation products in pharmaceutical systems. Yarwood RJ, et al. **J Pharm Sci** 1985 Feb;74(2):220-3

PHARMACODYNAMICS

Dynamics of renal excretory function after furosemide or ethacrynic acid administration to unanaesthetized dogs after mannitol infusion or chronic renal denervation. Girchev R, et al. **Acta Physiol Hung** 1985;65(2):137-48

Effect of ethacrynate sodium on transmesothelial transfer of solutes. Breborowicz A, et al. **Acta Physiol Pol** 1983 Sep-Dec;34(5-6):617-9

Effects of frusemide, ethacrynic acid and chlorothiazide on the portal vein of normotensive and spontaneously hypertensive rats. Tayo FM, et al. **Afr J Med Med Sci** 1984 Sep-Dec;13(3-4):161-7

Dissociation of the cochlear microphonics and endocochlear potential after injection of ethacrynic acid. Komune S, et al. **Arch Otorhinolaryngol** 1985;241(2):149-56

Ethacrynic acid: acute hemodynamic effects and influence on the in vivo and in vitro response to nitroglycerin in the dog. Moffat JA, et al. **J Cardiovasc Pharmacol** 1985 Jul-Aug;7(4):637-42

Antimicrotubular effects of ethacrynic acid. Mallevais ML, et al. **Methods Find Exp Clin Pharmacol** 1984 Nov;6(11):675-7

[Morphologic findings of the secretory epithelium of the ampulla following ethacrynic acid] Hommerich CP. **Laryngol Rhinol Otol (Stuttg)** 1985 Apr;64(4):209-13 (Eng. Abstr.) (Ger)

THERAPEUTIC USE

[Effect of diuretics on the development of experimental inflammatory edema in rats] Zverev IaF, et al. **Farmakol Toksikol** 1984 Jul-Aug;47(4):86-8 (Eng. Abstr.) (Rus)

TOXICITY

Inhibitory effects of gentamicin and ethacrynic acid on mammalian microsomal protein synthesis. Buss WC, et al. **J Antimicrob Chemother** 1985 Jan;15(1):105-13

Antagonistic effect of radix Puerariae on the ototoxicity of sodium ethocrynate. An experimental study. Dong WJ, et al. **J Tradit Chin Med** 1984 Sep;4(3):229-32

ETHAMBUTOL

ADMINISTRATION & DOSAGE

[A comparison of PZA and EB in short course chemotherapy. Report of the 22nd series of controlled trial of chemotherapy] Nagasawa S. **Kekkaku** 1984 Nov;59(11):575-80 (Eng. Abstr.) (Jpn)

[Effectiveness of pyrazinamide combined with rifampicin and ethambutol in animal experiments] Tynystanova RI, et al. **Probl Tuberk** 1984 Jul;(7):59-63 (Eng. Abstr.) (Rus)

[The effect of a combination of INH, Rifadin and Miambutol in generalized tuberculosis] Djurišić M, et al. **Glas Srp Akad Nauka [Med]** 1981;(33):153-8 (Sec)

ADVERSE EFFECTS

Optic neuritis in a patient on ethambutol and isoniazid evaluated by visual evoked potentials: case report. Garrett CR. **Milit Med** 1985 Jan;150(1):43-6

Ethambutol-induced hyperuricaemia. Khanna BK, et al. **Tubercle** 1984 Sep;65(3):195-9

[Ocular side effects of ethambutol (Myambutol). A 5-year Danish review] Skjødt K, et al. **Ugeskr Laeger** 1985 May 20;147(21):1683-6 (Eng. Abstr.) (Dan)

[Liver and kidney damage in rifampicin and ethambutol treatment] Kozma D, et al. **Z Erkr Atmungsorgane** 1984;162(3):249-55 (Eng. Abstr.) (Ger)

[Side effects of ethambutol in alcoholics with tuberculosis] Smirnov GA, et al. **Probl Tuberk** 1985;(3):65-6 (Rus)

ANALYSIS

[Microcrystallographic identification of a tuberculostatic: ethambutol, 2HCl] Yalçindag ON. **J Pharm Belg** 1984 Jul-Aug;39(4):243-5 (Eng. Abstr.) (Fre)

METABOLISM

Absorption and disposition of ethambutol in rabbits. Chen MM, et al. **J Pharm Sci** 1984 Aug;73(8):1053-5

PHARMACODYNAMICS

Specific inhibition of spermidine synthesis in Mycobacteria spp. by the dextro isomer of ethambutol. Paulin LG, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):157-9

THERAPEUTIC USE

Chemotherapeutic agents in pulmonary tuberculosis with special reference to isoniazid-ethambutol continuation therapy. Lees AW. **Ir J Med Sci** 1985 May;154(5 Suppl 1):38-41

A comparative study on short course chemotherapy in sputum negative pulmonary tuberculosis. Jittinandana A, et al. **J Med Assoc Thai** 1984 Aug;67(8):429-31

TOXICITY

[Effects of sodium iodate, iodoacetic acid and ethambutol on electroretinogram and visual evoked potential in rats] Sato S, et al. **J Toxicol Sci** 1984 Nov;9(4):389-99 (Eng. Abstr.) (Jpn)

ETHAMOXYTRIPHETOL see under **ALCOHOL, ETHYL**

ETHAMSYLATE see under **BENZENESULFONATES**

ETHANE

ANALOGS & DERIVATIVES

Dynamic headspace analysis of volatile metabolites from the reductive dehalogenation of trichloro- and tetrachloroethanes by hepatic microsomes. Thompson JA, et al. **Anal Biochem** 1985 Mar;145(2):376-84

Reductive metabolism of 1,1,1,2-tetrachloroethane and related chloroethanes by rat liver microsomes. Thompson JA, et al. **Chem Biol Interact** 1984 Oct;51(3):321-33

ANALYSIS

Assessment of lipid peroxidation in newborn infants and rabbits by measurements of expired ethane and pentane: influence of parenteral lipid infusion. Wispe JR, et al. **Pediatr Res** 1985 Apr;19(4):374-9

METABOLISM

Release of ethane and pentane from rat tissue slices: effect of vitamin E, halogenated hydrocarbons, and iron overload. Gavino VC, et al. **Arch Biochem Biophys** 1984 Sep;233(2):741-7

Absence of lipid peroxidation as determined by ethane exhalation in rats treated with 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin (TCDD). Robertson LW, et al. **Arch Toxicol** 1985 Apr;57(1):13-6

TOXICITY

In vitro transformation of BALB/c-3T3 cells by chlorinated ethanes and ethylenes. Tu AS, et al. **Cancer Lett** 1985 Aug;28(1):85-92

ETHANE NITRILES see **ACETONITRILES**

ETHANEDIOLS see **ETHYLENE GLYCOLS**

ETHANEHYDROXYDIPHOSPHONATE see **SODIUM ETIDRONATE**

ETHANOL see **ALCOHOL, ETHYL**

ETHANOLAMINE AMMONIA-LYASE see under **AMMONIA-LYASES**

ETHANOLAMINE PHOSPHOGLYCERIDES see **PHOSPHATIDYLETHANOLAMINES**

ETHANOLAMINEPHOSPHOTRANSFERASE see under **PHOSPHOTRANSFERASES**

ETHANOLAMINES

Intrapulmonary shunting during deliberate hypotension with nifedipine, diltiazem and labetalol in dogs. Casthely PA, et al. **Can Anaesth Soc J** 1985 Mar;32(2):119-23

Formation of nitrosamines in non-ionic and anionic emulsions in the presence and absence of inhibitors. Kabacoff BL, et al. **IARC Sci Publ** 1984;(57):347-52

The influence of solvent on nonaqueous lyotropic liquid crystalline phase formed by triethanolammonium oleate. Friberg SE, et al. **J Pharm Sci** 1985 Jul;74(7):771-3

Investigation on the pharmaceutical availability of monoethanolamine, diethanolamine and morpholine from hydrophilic gels. Zaba A, et al. **Pharmazie** 1984 Nov;39(11):770-1

ADMINISTRATION & DOSAGE

Fenoterol inhalation powder and aerosol in the treatment of asthma. Kiviranta K. **Allergy** 1985 May;40(4):305-7

Modifying delivery technique of Fenoterol from a metered dose inhaler [letter] Newhouse MT, et al. **Ann Allergy** 1984 Dec;53(6):496-8

Procaterol metered-dose inhaler in adults with asthma. Storms WW, et al. **Ann Allergy** 1985 Sep;55(3):476-8

Nebulised fenoterol compared with metered aerosol. Melville C, et al. **Arch Dis Child** 1985 Mar;60(3):257-9

A comparison of inhaled powders of fenoterol and salbutamol in asthma. Asher MI, et al. **Aust Paediatr J** 1985 May;21(2):119-21

The use of Clenbuterol to produce relaxation of the myometrium during caesarean operation in cattle. Hassett LJ, et al. **Aust Vet J** 1984 Dec;61(12):401-3

Labetalol infusion in hypertensive emergencies. Lebel M, et al. **Clin Pharmacol Ther** 1985 Jun;37(6):615-8

Combined labetalol plus flunarizine treatment for arterial hypertension. Bonavita E. **Int J Clin Pharmacol Res** 1984;4(6):475-80

Salbutamol plus beclomethasone dipropionate (Ventolin Flogo) vs. fenoterol (Dosberotec) in chronic obstructive lung disease therapeutic strategy: a 4-week clinical trial. Perri G, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 May;23(5):274-8

Intranasal fenoterol in asthmatic subjects: an alternative route of administration. Groth S, et al. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 1):536-9

Bitolterol and albuterol metered-dose aerosols: comparison of two long-acting beta 2-adrenergic bronchodilators for treatment of asthma. Orgel HA, et al. **J Allergy Clin Immunol** 1985 Jan;75(1 Pt 1):55-62

Successful treatment of a monoamine oxidase inhibitor-tyramine hypertensive emergency with intravenous labetolol [letter] Abrams JH, et al. **N Engl J Med** 1985 Jul 4;313(1):52

Fenoterol administered as an inhaled powder. A comparison with salbutamol powder [letter] Hey AA, et al. **NZ Med J** 1985 Feb 13;98(772):74-5

[Bronchodilator effect of fenoterol aerosol. Are 4 0.1-mg doses better than a single dose of 0.4 mg?] Magnussen H, et al. **Dtsch Med Wochenschr** 1985 Aug 30;110(35):1328-31 (Eng. Abstr.) (Ger)

[Fenoterol in chronic obstructive bronchitis—comparison of the efficacy of various application forms. Advantages and disadvantages of metered dose inhalers with a small or large expander and a mechanical atomizer] Matthys H, et al. **Fortschr Med** 1984 Oct 18;102(39):996-9 (Eng. Abstr.) (Ger)

[Pirbuterol and salbutamol aerosol for exercise-induced bronchoconstriction] Aebischer JC, et al. **Schweiz Med Wochenschr** 1984 Nov 17;114(46):1660-4 (Eng. Abstr.) (Ger)

[Effect of partusisten treatment on selected parameters of carbohydrate metabolism in pregnant women] Olech-Jedlikowska K, et al. **Wiad Lek** 1984 May 15;37(10):769-75 (Eng. Abstr.) (Pol)

[Antihypertensive effects of labetalol administered parenterally and orally] Nicolaescu V, et al. **Rev Med Interna [Med Interna]** 1984 Sep-Oct;36(5):405-12 (Eng. Abstr.) (Rum)

[Labetaiol and guanfacine in the treatment of arterial hypertension in patients with chronic renal failure] Lifshits NL, et al. **Ter Arkh** 1984;56(7):66-9 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

Labetalol and phaeochromocytoma [letter] Navaratnarajah M, et al. **Br J Anaesth** 1984 Oct;56(10):1179

Beta-adrenergic blocking agents. Effect of chronic dosage on a fit, middle-aged man: a case study and review. Steinrauf LK, et al. **Indiana Med** 1985 Jul;78(7):600-4

Erroneous diagnosis of phaeochromocytoma in hypertensive patient on labetalol. Bouloux PM, et al. **J R Soc Med** 1985 Jul;78(7):588-9

Hypokalaemia induced by inhalation of fenoterol. Haalboom JR, et al. **Lancet** 1985 May 18;1(8438):1125-7

[Chemicals in everyday life—ethanolamines] Mikkelsen AB, et al. **Ugeskr Laeger** 1984 Aug 6;146(32):2433-6 (Eng. Abstr.) (Dan)

[Hypertensive response to labetalol in pheochromocytoma] Enoki N, et al. **Masui** 1984 Sep;33(9):1008-11 (Eng. Abstr.) (Jpn)

[Dangers and complications of tocolysis] Czekanowski R. **Ginekol Pol** 1984 Sep;55(9):641-7 (Pol)

[Nifedipine, captopril and labetalol—overviews on the pattern of adverse effects] **Lakartidningen** 1985 Jul 10;82(28-29):2531-2 (Swe)

ANALYSIS

Radioimmunological determination of fenoterol. Part I: Theoretical fundamentals. Rominger KL, et al. **Arzneimittelforsch** 1985;35(1A):415-20

Phosphorylethanolamine—the major constituent of the phosphomonoester peak observed by 31P-NMR on developing dog brain. Gyulai L, et al. **FEBS Lett** 1984 Dec 3;178(1):137-42

Determination of fatty acids by high-performance liquid chromatography of Dns-ethanolamine derivatives. Ryan PJ, et al. **J Chromatogr** 1984 Nov 16;312:461-6

HPLC determination of clenbuterol in pharmaceutical gel formulations. Hamann JA, et al. **J Chromatogr Sci** 1985 Jan;23(1):34-6

BLOOD

High-performance liquid chromatographic assay for labetalol in human plasma using a PRP-1 column and fluorometric detection. Alton KB, et al. **J Chromatogr** 1984 Nov 28;311(2):319-28

Determination of clenbuterol in the high nanogram range in plasma of mice by high-performance liquid chromatography with amperometric detection. Diquet B, et al. **J Chromatogr** 1984 Dec 12;336(2):415-21

CHEMICAL SYNTHESIS

Structure-activity relationships in further series of amino-halogen substituted phenyl-aminoethanols. Engelhardt G. **Arzneimittelforsch** 1984;34(11A):1625-32

Synthesis of further amino-halogen-substituted phenyl-aminoethanols. Krüger G, et al.

Arzneimittelforsch 1984;34(11A):1612-24

DIAGNOSTIC USE

Successive effects of a vagolitic and a betadrenergic in the differential diagnosis of nonimmunologic and allergic asthma. Mathov E, et al. **Allergol Immunopathol (Madr)** 1984 Jul-Aug;12(4):293-302

ISOLATION & PURIFICATION

Seperation of choline- and ethanolamine-labeled metabolites by ion-exchange high-pressure liquid chromatography. Mazzola G, et al. **Anal Biochem** 1984 Aug 15;141(1):137-42

METABOLISM

Single dose pharmacokinetics of mabuterol in man. Guentert TW, et al. **Arzneimittelforsch** 1984;34(11A):1691-6

Disposition of 3H-fenoterol after inhalation in rats. Kobayashi S, et al. **Arzneimittelforsch** 1985;35(1A):360-3

Pharmacokinetic studies of mabuterol, a new selective beta 2-stimulant. I: Studies on the absorption, distribution and excretion in rats. Yuge T, et al. **Arzneimittelforsch** 1984; 34(11A):1659-67

Characterization of a common genetic defect of cytochrome P-450 function (debrisoquine-sparteine type polymorphism)--increased Michaelis is Constant (Km) and loss of stereoselectivity of bufuralol 1'-hydroxylation in poor metabolizers. Dayer P, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):374-80

Genetic polymorphism in drug oxidation: in vitro studies of human debrisoquine 4-hydroxylase and bufuralol 1'-hydroxylase activities. Boobis AR, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):65-71

Occurrence of N-acylethanolamine phospholipids in fish brain and spinal cord. Natarajan V, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):426-33

The effects of enzyme induction and enzyme inhibition on labetalol pharmacokinetics. Daneshmend TK, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):393-400

Relationship between oxidative metabolism of 2-acetylaminofluorene, debrisoquine, bufuralol, and aldrin in human liver microsomes. McManus ME, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5692-7

Amosulalol, a combined alpha and beta adrenoceptor antagonist: kinetics after intravenous and oral doses. Nakashima M, et al. **Clin Pharmacol Ther** 1984 Oct; 36(4):436-43

Presystemic and systemic intestinal metabolism of fenoterol in the conscious rat. Koster AS, et al. **Drug Metab Dispos** 1985 Jul-Aug;13(4):464-70

In vitro metabolism of the new cardiotonic agent denopamine (TA-064) by rat and rabbit liver preparations. Oxidation, methylation, and glucuronidation. Suzuki T, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):246-54

Effect of oxidative polymorphism (debrisoquine/sparteine type) on hepatic first-pass metabolism of bufuralol. Dayer P, et al. **Eur J Clin Pharmacol** 1985;28(3):317-20

Hexose phosphate binding sites of fructose-6-phosphate,2-kinase:fructose-2,6-bisphosphatas Interaction with N-bromoacetylethanolamine phosphate and 3-bromo-1,4-dihydroxy-2-butanone 1,4-bisphosphate. Sakakibara R, et al. **J Biol Chem** 1984 Nov 25; 259(22):14023-8

Purification and properties of an ethanolamine-serine base exchange enzyme of rat brain microsomes. Suzuki TT, et al. **J Biol Chem** 1985 Feb 10;260(3):1394-9

The utilization of ethanolamine and serine for ethanolamine phosphoglyceride synthesis by human Y79 retinoblastoma cells. Yorek MA, et al. **J Biol Chem** 1985 Mar 10; 260(5):2930-6

Quantitative evaluation of the beta 2-adrenoceptor affinity of phenoxypropanolamines and phenylethanolamines. IJzerman AP, et al. **J Med Chem** 1985 Sep;28(9):1328-34

N-Methylaspartate-evoked liberation of taurine and phosphoethanolamine in vivo: site of release. Lehmann A, et al. **J Neurochem** 1985 Oct;45(4):1172-7

Phosphoethanolamine is major constituent of phosphomonester peak detected by 31P NMR in newborn brain [letter] Brenton DP, et al. **Lancet** 1985 Jan 12; 1(8420):115

Transport of ethanolamine and its incorporation into the variant surface glycoprotein of bloodstream forms of Trypanosoma brucei. Rifkin MR, et al. **Mol Biochem Parasitol** 1985 Jun [illegible]:245-56

Metabolism of amosulalol hydrochloride in man: quantitative comparison with laboratory animals. Kamimura H, et al. **Xenobiotica** 1985 May;15(5):413-20

Pharmacokinetics of amosulalol, an alpha, beta-adrenoceptor blocker, in rats, dogs and monkeys. Kamimura H, et al. **Xenobiotica** 1984 Aug;14(8):613-20

Disposition and metabolism of amosulalol hydrochloride, a new combined alpha- and beta-adrenoceptor blocking agent, in rats, dogs and monkeys. Sasaki H, et al. **Xenobiotica** 1984 Aug;14(8):621-31

PHARMACODYNAMICS

The haemodynamic effects of labetalol, ketanserin and a placebo at the end of a NLA. A double blind study. Barvais L, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:453-6

The effect of fenoterol on fetal metabolism: cord blood studies. Kovács L, et al. **Acta Paediatr Hung** 1985; 26(1):41-7

Steric aspects of agonism and antagonism at beta-adrenoceptors: experiments with the enantiomers of clenbuterol. Waldeck B, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Mar;56(3):221-7

Potential anti-anaphylactic activity of clenbuterol, a beta-agonist with calcium antagonist properties. Frossard N, et al. **Agents Actions** 1985 Apr;16(3-4):166-9

Analysis of the efficacy of the new cardiotonic agent TA-064. Thormann J, et al. **Am Heart J** 1985 Aug; 110(2):426-38

Effect of labetalol on exercise tolerance and double product in mild to moderate essential hypertension. Feit A, et al. **Am J Med** 1985 Jun;78(6 Pt 1):937-41

The effect of labetalol on the cardiovascular, hyperglycaemic and adrenocortical responses to surgery. Child CS. **Anaesthesia** 1984 Dec;39(12):1192-6

Electron spin resonance spectroscopic demonstration of the hydroxyl free radical scavenger properties of dimethylaminoethanol in spin trapping experiments confirming the molecular basis for the biological effects of centrophenoxine. Nagy I, et al. **Arch Gerontol Geriatr** 1984 Dec;3(4):297-310

Effects of the R, R-isomer of labetalol, SCH 19927, in isolated tissues and in spontaneously hypertensive rats during a repeated treatment. Monopoli A, et al. **Arch Int Pharmacodyn Ther** 1984 Dec;272(2):256-63

Pharmacological studies of mabuterol, a new selective beta 2-stimulant. I: Bronchodilating effect. Murai T, et al. **Arzneimittelforsch** 1984;34(11A):1633-40

Pharmacological studies of mabuterol, a new selective beta 2-stimulant. III: Effects on the central nervous system, striated muscle and carbohydrate and lipid metabolism. Osada E, et al. **Arzneimittelforsch** 1984;34(11A):1652-8

Pharmacological studies of mabuterol, a new selective beta 2-stimulant. II: Effects on the cardiovascular system and smooth muscle organs. Osada E, et al. **Arzneimittelforsch** 1984;34(11A):1641-51

Quantitative structure-activity relationship studies of non-aromatic analogues of ethanolamine as inhibitors of phenylethanolamine N-methyltransferase. Singh P. **Arzneimittelforsch** 1985;35(1):21-3

Uterine relaxation by clenbuterol and fenoterol in conscious rats. Streller I. **Arzneimittelforsch** 1985;35(1A):315-8

Relationship between positive inotropic action and blood levels of denopamine in cats. Naito K, et al. **Arzneimittelforschung** 1985;35(5):833-5

Effect of a novel thermogenic beta-adrenoceptor agonist (BRL 26830) on insulin resistance in soleus muscle from obese Zucker rats. Challiss RA, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):928-35

Desensitization of beta-adrenergic receptor-coupled adenylate cyclase activity. Differences following exposure of cells to two full agonists. Pittman RN, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3579-84

Anti-hyperglycaemic action of BRL 26830, a novel beta-adrenoceptor agonist, in mice and rats. Sennitt MV, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1279-85

Effects of BRL 26830, a novel beta-adrenoceptor agonist, on glucose tolerance, insulin sensitivity and glucose turnover in Zucker (fa/fa) rats. Smith SA, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2425-9

A comparative study of a new selective beta 2-adrenoceptor agonist, procaterol and salbutamol in asthma. Crowe MJ, et al. **Br J Clin Pharmacol** 1985 Jun;19(6):787-91

Effect of indoramin, labetalol and alinidine on sympathetic function in normal man. Nicholls DP, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):215-21

Comparative effects of adimolol, labetalol and propranolol on heart rate and blood pressure in man. Riddell JG, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):405-10

Effects of amosulalol on the electrical responses of guinea-pig vascular smooth muscle to adrenoceptor activation. Fujioka M, et al. **Br J Pharmacol** 1985 Feb; 84(2):489-97

Responses to the beta 2-selective agonist procaterol of vascular and atrial preparations with different functional beta-adrenoceptor populations. O'Donnell SR, et al. **Br J Pharmacol** 1985 Jan;84(1):227-35

Beta blockade by oral propranolol and labetalol. Cubeddu LX, et al. **Clin Pharmacol Ther** 1985 Mar;37(3):277-83

Influence of fenoterol on glucose utilization by human placental tissue in an in vitro perfusion system. Zrubek H, et al. **Contrib Gynecol Obstet** 1985;13:168-9

Pharmacology of combined alpha-beta-blockade. I. Louis WJ, et al. **Drugs** 1984;28 Suppl 2:16-34 (134 ref.)

Pharmacology of combined alpha-beta-blockade. II. Haemodynamic effects of labetalol. Lund-Johansen P. **Drugs** 1984;28 Suppl 2:35-50 (46 ref.)

The effects of beta blockers on exercise capacity and on training response in elderly subjects. Fagard R, et al. **Eur Heart J** 1984 Nov;5 Suppl E:117-20

Effects of atenolol, labetalol and propranolol on the peripheral circulation in hypertensive patients without obstructive vascular disease. van der Veur E, et al. **Eur J Clin Pharmacol** 1985;28(2):131-4

Reduced maximum capacity of glycolysis in brown adipose tissue of genetically obese, diabetic (db/db) mice and its restoration following treatment with a thermogenic beta-adrenoceptor agonist. Young P, et al. **FEBS Lett** 1984 Oct 15;176(1):16-20

Effect of clenbuterol, a new beta 2 selective adrenoceptor stimulant, on the release of histamine and SRS-A from passively sensitized guinea-pig chopped lungs. Yamazaki N, et al. **Gen Pharmacol** 1984;15(4):345-8

Haemodynamic effects of fenoterol for labour inhibition during spinal or epidural anaesthesia. Müller H, et al. **Gynecol Obstet Invest** 1985;19(2):64-72

Effects of novel beta-adrenoceptor agonists on carbohydrate metabolism: relevance for the treatment of non-insulin-dependent diabetes. Cawthorne MA, et al. **Int J Obes** 1984;8 Suppl 1:93-102

Effects of the selective beta 2-adrenergic agonists, procaterole and terbutaline, on protein secretion by rat submandibular glands. Abe K, et al. **J Dent Res** 1985 Jun; 64(6):886-90

Tolerance to or facilitation of pharmacological effects induced by chronic treatment with the beta-adrenergic stimulant clenbuterol. Francès H, et al. **J Neural Transm** 1985;62(1-2):65-76

Influence of glucocorticoid and betamimetic therapy on milk secretory IgA concentration produced by mothers delivering preterm infants. Martell M, et al. **J Perinat Med** 1985;13(2):61-5

The effect of temperature on the alpha-adrenoceptor antagonist potency of indoramin and labetalol in the rat perfused mesenteric vascular bed. McAdams RP. **J Pharm Pharmacol** 1984 Sep;36(9):628-9

Effects of clenbuterol and antidepressant drugs on beta adrenergic receptor/N-protein coupling in the cerebral cortex of the rat. O'Donnell JM, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):30-6

The in vitro actions of clenbuterol (NAB-365) on bovine pulmonary vein and artery. Mirbahar KB, et al. **J Vet Pharmacol Ther** 1985 Jun;8(2):202-4

Autonomic and antihypertensive activity of oral amosulalol (YM-09538), a combined alpha- and beta-adrenoceptor blocking agent in conscious rats. Honda K, et al. **Jpn J Pharmacol** 1985 May;38(1):31-41

Cardiovascular effects of a new positive inotropic agent, (-)-(R)-1-(p-hydroxyphenyl)-2-[(3,4-dimethoxyphenethy (TA-064) in the anesthetized dog and isolated guinea pig heart. Nagao T, et al. **Jpn J Pharmacol** 1984 Aug; 35(4):415-23

Effects of the beta 2-adrenoceptor agonists fenoterol and salbutamol on force of contraction in isolated human ventricular myocardium. Mügge A, et al. **Klin Wochenschr** 1985 Jan 2;63(1):26-31

Changes in volume of trapped gas in chronic bronchitis and in asthma after inhalation of fenoterol. Arnved J, et al. **Lung** 1984;162(5):297-304

Down-regulation of beta-adrenoceptors in rat cortex by repeated administration of desipramine, electroconvulsive shock and clenbuterol requires 5-HT neurones but not 5-HT. Nimgaonkar VL, et al. **Neuropharmacology** 1985 Apr;24(4):279-83

Disappearance of the decrease in biting behavior induced by clenbuterol, a beta-adrenergic agonist, after chronic administration. Frances H, et al. **Pharmacol Biochem Behav** 1984 Aug;21(2):313-6

A repartitioning agent to improve performance and carcass composition of broilers. Dalrymple RH, et al. **Poult Sci** 1984 Dec;63(12):2376-83

[Intravenous labetalol in normotensive coronary patients. Effects on hemodynamics and myocardial metabolism] Ourbak P, et al. **Arch Mal Coeur** 1985 Jul;78(7):1089-96 (Eng. Abstr.) **(Fre)**

[Controlled hypotension with labetalol in lengthy otologic microsurgery (hemodynamic study)] Bertrand D, et al. **J Fr Otorhinolaryngol** 1984 Nov;33(9):461-71 (Eng. Abstr.) **(Fre)**

[Keratoplastic effect of salicyclic acid, sulfur and a tensio-active mixture] Gloor M, et al. **Z Hautkr** 1984 Dec 15;59(24):1657-60 (Eng. Abstr.) **(Ger)**

[Increased sensitivity of the bronchial system of hypertensive pregnant patients to beta-adrenergic stimulation] Oddoy A, et al. **Zentralbl Gynakol** 1985;107(2):84-9 (Eng. Abstr.) **(Ger)**

[Effect of the oral beta-mimetic drug clenbuterol (Contraspasmin, Spiropent) and orally and intravenously administered Partusisten on the rheobase] Weisbach W, et al. **Zentralbl Gynakol** 1985;107(11):664-9 (Eng. Abstr.) **(Ger)**

[Effect of beta adrenergic drugs on phospholipid synthesis in the human fetal lung] Zsolnai B, et al. **Zentralbl Gynakol** 1984;106(23):1509-19 (Eng. Abstr.) **(Ger)**

[Comparison of the effects of inhalation of a single dose of a ipratropium bromide-fenoterol combination with a single dose of fenoterol] Carratù L, et al. **Arch Monaldi** 1983 Sep-Dec;38(5-6):263-72 **(Ita)**

[Evaluation of the effects on ventilatory function of a single administration of an ipratropium bromide-fenoterol combination in comparison with fenoterol alone] Ciaccia A, et al. **Arch Monaldi** 1983 Sep-Dec;38(5-6):255-62 **(Ita)**

[Comparative evaluation of the bronchospasmolytic action of fenoterol and iprafen] De Maria C, et al. **Arch Monaldi** 1984 May-Jun;39(3):223-5 (Eng. Abstr.) **(Ita)**

[Effects of administration of a single dose of iprafen (l puff) compared with those of a single dose of ipratropium bromide (40 mcg.) and of fenoterol (100 mcg.)] Marcatili S, et al. **Arch Monaldi** 1984 Jan-Apr;39(1-2):37-44 (Eng.

Abstr.) (Ita)

[Bronchial response to ultrasonic aerosol in subjects pretreated with beta-2 stimulants] Marsico SA, et al. **Arch Monaldi** 1984 Jan-Apr;39(1-2):27-36 (Eng. Abstr.) (Ita)

[Experimental analysis of the beta-adrenergic stimulating activity of procaterol. Comparison with other beta-adrenergic agonists] Marmo E, et al. **Clin Ter** 1985 May 15;113(3):165-203 (Eng. Abstr.) (Ita)

[Influence of sympathomimetic drugs on immediate intradermal reactions induced by allergens] Yamada Y, et al. **Arerugi** 1984 Nov;33(11):951-6 (Eng. Abstr.) (Jpn)

[Effects of beta-adrenoceptor blockade on parturition and fetal cardiovascular and metabolic system] Chimura T. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May;37(5):691-5 (Eng. Abstr.) (Jpn)

[In vitro antibacterial activity of drugs from the group of ethanolamine, phenothiazine and aminoalkyl derivatives with antihistaminic action] Kurnatowski P. **Acta Pol Pharm** 1984;41(4):485-9 (Eng. Abstr.) (Pol)

[Role of cholinergic systems in the formation of a dissociated state in response to kleregil] Garibova TL, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):570-2 (Eng. Abstr.) (Rus)

[Effects of ipratropium and fenoterol on spirometric parameters] Mathov E, et al. **Alergia** 1984 Jul-Sep; 31(3):101-7 (Eng. Abstr.) (Spa)

PHYSIOLOGY

Aspirin with an adrenergic or a calcium-channel-blocking agent as new combination therapy for arterial thrombosis [letter] Greer IA, et al. **Lancet** 1985 Feb 9;1(8424):351-2

THERAPEUTIC USE

Beta-adrenergic sensitivity—imminent premature delivery. Török I, et al. **Acta Physiol Hung** 1985;65(3):347-54

The effect of labetalol and propranolol on the development of hypertension in spontaneously hypertensive rats. Gumulka WS, et al. **Acta Physiol Pol** 1984 Jan-Feb; 35(1):41-6

Double-blind trial comparing labetalol with atenolol in the treatment of systemic hypertension with angina pectoris. Jee LD, et al. **Am J Cardiol** 1985 Sep 15;56(8):551-4

First clinical studies on mabuterol. A summarizing report. Kawakami Y. **Arzneimittelforsch** 1984;34(11A):1699-700

Pilot clinical trial with a new beta 2-sympathomimetic bronchodilator, mabuterol. Ulmer WT, et al. **Arzneimittelforsch** 1984;34(11A):1697-8

A clinical trial in general practice. Part 1: Report and comments. Gill D, et al. **Aust Fam Physician** 1984 Jul; 13(7):522-3

Effects of combined alpha and beta adrenoceptor blockade in patients with angina pectoris. A double blind study comparing labetalol with placebo. Quyyumi AA, et al. **Br Heart J** 1985 Jan;53(1):47-52

Oral labetalol in the management of stable angina pectoris in normotensive patients. Upward JW, et al. **Br Heart J** 1985 Jan;53(1):53-7

Circulatory responses to thiopentone and tracheal intubation in patients with coronary artery disease. Effects of pretreatment with labetalol. Fischler M, et al. **Br J Anaesth** 1985 May;57(5):493-6

Pirbuterol syrup—treatment of asthma in children in a residential asthma clinic. Viallat JR, et al. **Br J Clin Pract** 1984 Oct;38(10):362-7

Labetalol and hydrochlorothiazide in hypertension. Labetalol/Hydrochlorothiazide Multicenter Study Group. **Clin Pharmacol Ther** 1985 Jul;38(1):24-7

Chronic effects of labetalol, pindolol, and propranolol on calf blood flow in intermittent claudication. Lepäntalo M. **Clin Pharmacol Ther** 1985 Jan:37(1):7-12

Controlled clinical investigation of dimetophrine versus midodrine in the management of moderately decreased arterial blood pressure. Marini U, et al. **Curr Med Res Opin** 1984;9(4):265-74

Effective treatment of post-partum hypotension with dimetophrine: a placebo-controlled, double-blind trial. Marsoni V. **Curr Med Res Opin** 1985;9(8):578-85

Some dodgy claims for pirbuterol (Exirel)—a beta 2 agonist. **Drug Ther Bull** 1984 Sep 10;22(18):70-2

Duovent—is logic enough? **Drug Ther Bull** 1985 Jan 14; 23(1):3-4

Combined alpha- and beta-receptor inhibition in the treatment of hypertension. Prichard BN. **Drugs** 1984;28 Suppl 2:51-68 (142 ref.)

Pirbuterol. A preliminary review of its pharmacological properties and therapeutic efficacy in reversible bronchospastic disease. Richards DM, et al. **Drugs** 1985 Jul;30(1):6-21 (60 ref.)

Alpha- and beta-blockade in angina pectoris. Taylor SH. **Drugs** 1984;28 Suppl 2:69-87 (95 ref.)

Enhancement of axonal growth into a spinal lesion by topical application of triethanolamine and cytosine arabinoside. Guth L, et al. **Exp Neurol** 1985 Apr;88(1):44-55

Clinical pharmacology of hypertension: amelioration of left ventricular performance by treatment with labetalol. Belogi M, et al. **Int J Clin Pharmacol Res** 1984;4(5):385-7

Diazoxide vs labetalol: a cross-over comparison of short-term effects in hypertension. Rumboldt Z, et al. **Int J Clin Pharmacol Res** 1983;3(1):47-54

A double-blind crossover clinical trial of labetalol and propranolol in patients of essential hypertension. Pandhi P, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Feb; 23(2):101-4

Treatment of obesity with thermogenic beta-adrenoceptor agonists: studies on BRL 26830A in rodents. Arch JR, et al. **Int J Obes** 1984;8 Suppl 1:1-11

Labetolol in patients with hypertension and varying degrees of renal impairment. Breen EG, et al. **Ir J Med Sci** 1984 Oct;153(10):336-42

A placebo-controlled trial of procaterol: a new long-acting oral beta 2-agonist in bronchial asthma. Siegel SC, et al. **J Allergy Clin Immunol** 1985 Jun;75(6):698-705

Propranolol versus labetalol: interesting differences in efficacy. Flamenbaum W. **J Natl Med Assoc** 1985 May;77 Suppl:14-29

Labetalol for hypertension [letter] Valenta LJ, et al. **JAMA** 1985 Sep 20;254(11):1454

Bitolterol—a new bronchodilator. **Med Lett Drugs Ther** 1985 May 24;27(688):46-7

Meige's disease and a positive treatment response with deanol. Coats ME. **Milit Med** 1985 Mar;150(3):152-3

Labetalol: an alpha- and beta-adrenergic receptor blocker. Pepper GA. **Nurse Pract** 1985 Jul;10(7):39-40, 43, 48

Seventh nerve spasm: effect of modification of cholinergic balance. Hughes EC, et al. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):491-9

Fenoterol: a beta2-adrenergic agonist for use in asthma. Pharmacology, pharmacokinetics, clinical efficacy and adverse effects. Svedmyr N. **Pharmacotherapy** 1985 May-Jun;5(3):109-26 (121 ref.)

Bitolterol mesylate: a beta-adrenergic agent. Chemistry, pharmacokinetics, pharmacodynamics, adverse effects and clinical efficacy in asthma. Walker SB, et al. **Pharmacotherapy** 1985 May-Jun;5(3):127-37 (37 ref.)

Fenoterol plus ipratropium ('Duovent') aerosol therapy delivered by a tube spacer. Woodcock A, et al. **Pharmatherapeutica** 1984;4(1):32-5

Inhibition of exercise-induced asthma by oral procaterol, a new beta 2-adrenergic drug. Del Bufalo C, et al. **Respiration** 1984;46(1):114-20

The effect of aminophylline, oxyphylline and fenoterol on some ventilatory functions in patients with reversible airways obstruction. Král B, et al. **Sb Ved Pr Lek Fak Univ Karlovy** 1983;26(5):535-43

Spiropent in the treatment of reversible airways obstruction. Král B, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1982;25(5):429-35

[Comparative studies of the effect of using the beta-adrenomimetics partusisten and bricanyl in tocolysis] Grigorov S. **Akush Ginekol (Sofiia)** 1984;23(5):400-3 (Eng. Abstr.) (Bul)

[Monitoring changes in the heart rate of the premature fetus during tocolysis with the beta-adrenomimetics partusisten and Pre-par] Ivanov S, et al. **Akush Ginekol (Sofiia)** 1985; 24(1):36-9 (Eng. Abstr.) (Bul)

[Monitoring changes in the reactivity of the premature fetus during tocolysis with the beta-adrenomimetics Partusisten and Pre-par] Ivanov S, et al. **Akush Ginekol (Sofiia)** 1985; 24(2):34-6 (Eng. Abstr.) (Bul)

[A new technic for protection in surgical stress] Carrasco MS, et al. **Agressologie** 1985 Mar;26(3):271-4 (Eng. Abstr.) (Fre)

[Trial of labetalol in effort angina pectoris] Broustet JP, et al. **Ann Cardiol Angeiol (Paris)** 1985 Mar;34(3):171-6 (Fre)

[Chemical blockade of the cardiac autonomic nervous system. Effects on the coronary arterial vasomotor activity] Bory M, et al. **Arch Mal Coeur** 1985 Jul;78(7):1053-60 (Eng. Abstr.) (Fre)

[Treatment of arterial hypertension in the pregnant woman with labetalol. A propos of 24 cases] Dubois D, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(6):691-700 (Eng. Abstr.) (Fre)

[Comparative study of the action of fenoterol and of the fenoterol- ipratropium association on static pulmonary volumes and PaO2] Racoveanu C, et al. **Med Interne** 1984 Oct-Dec;22(4):259-64 (Fre)

[Effect of SCH 1000 on bronchial hyperreactivity compared to that of fenoterol] Dakhil J, et al. **Respiration** 1984; 46(4):370-8 (Eng. Abstr.) (Fre)

[Treatment of arterial hypertension in pregnancy with an alpha-beta blocker. 58 Cases treated with labetalol] Gérard J, et al. **Rev Fr Gynecol Obstet** 1984 Nov;79(11):713-7 (Eng. Abstr.) (Fre)

[Treatment of asthma with a new sympathomimetic clenbuterol. Respiratory and Holter electrocardiographic surveillance] Pradalier A, et al. **Therapie** 1984 Nov-Dec; 39(6):671-6 (Eng. Abstr.) (Fre)

[Bronchial asthma in childhood. Therapy with fenoterol and ipratropium bromide powder] Zimmermann T, et al. **Monatsschr Kinderheilkd** 1984 Dec;132(12):915-7 (Eng. Abstr.) (Ger)

[Cold air hyperventilation provocation of the hyperreactive respiratory tract in children—evaluation of the antiasthma protective effect of a combination preparation (disodium cromoglycate plus reproterol)] Zach M. **Prax Klin Pneumol** 1985 Aug;39(8):269-75 (Eng. Abstr.) (Ger)

[A new long-acting Partusisten preparation for oral tocolysis—results of a multicenter study] Rausch K, et al. **Z Geburtshilfe Perinatol** 1984 Jul-Aug;188(4):185-90 (Eng. Abstr.) (Ger)

[Changes in erythrocyte P50 and its effect on O2 transport in intravenous tocolysis with fenoterol (Partusisten)] Karl C, et al. **Z Geburtshilfe Perinatol** 1985 Mar-Apr; 189(2):56-64 (Eng. Abstr.) (Ger)

[Effects of the new cardiotonic agent TA-064: serial computer-assisted analyses of pressure-volume relations and online myocardial 02 consumption] Thormann J, et al. **Z Kardiol** 1984 Dec;73(12):772-85 (Eng. Abstr.) (Ger)

[Analysis of the correlation between the dose-response curve for prostaglandin F2alpha and the progress of pregnancy, cervix ripening, pharmacologic estrogen premedication and Partusisten administration in prostaglandin-induced labor] Czekanowski R, et al. **Zentralbl Gynakol** 1985;107(2):79-83 (Eng. Abstr.) (Ger)

[Pulmonary edema under tocolytic therapy] Schreiber E, et al. **Zentralbl Gynakol** 1985;107(11):693-6 (Eng. Abstr.) (Ger)

[Effect of beta-mimetics on bronchial mucus transport] Vastag E, et al. **Orv Hetil** 1985 Feb 10;126(6):323-6 (Eng. Abstr.) (Hun)

[Multicenter clinical study on the delayed use of ipratropium-fenoterol in broncho-obstructive pathology] Babich S, et al. **Arch Monaldi** 1983 Sep-Dec;38(5-6):305-16 (Ita)

[Controlled clinical study of the effects of a single aerosol administration of a fenoterol-ipratropium bromide combination in comparison with salbutamol] Giness F, et al. **Arch Monaldi** 1983 Sep-Dec;38(5-6):241-54 (Ita)

[Short and medium-term controlled study of the bronchodilating effects of a fenoterol-ipratropium bromide combination in asthmatic children] Miraglia Del Giudice M, et al. **Arch Monaldi** 1983 Sep-Dec;38(5-6):279-94 (Ita)

[Study of the bronchodilating effects of ipratropium bromidefenoterol in comparison with carbuterol] Mistretta A, et al. **Arch Monaldi** 1983 Sep-Dec;38(5-6):273-8 (Ita)

[Evaluation of the efficacy of ipratropium-fenoterol in the prevention of bronchospasm induced by exertion in comparison with disodium cromoglycate] Rampulla C, et al. **Arch Monaldi** 1983 Sep-Dec;38(5-6):295-304 (Ita)

[Clinical experiences with the antihypertensive action of bufuralol] Misceo N, et al. **Clin Ter** 1984 Dec 15; 111(5):417-25 (Eng. Abstr.) (Ita)

[Pharmacological prevention of exercise-induced bronchospasm: review of the literature and trial of disodium cromoglycate, fenoterol and ipratropium bromide in a pediatric population] Verini M, et al. **Pediatr Med Chir** 1983 Nov-Dec;5(6):501-9 (Eng. Abstr.) (Ita)

[Possibility of prevention of histamine-induced bronchospastic reaction with fenoterol, ipratropium bromide and lidocaine in patients with chronic bronchitis] Kurgan J. **Pol Tyg Lek** 1985 Feb 4;40(5):131-4 (Eng. Abstr.) (Pol)

[Use of Albetol for treating hypertension patients] Kharchenko VI, et al. **Kardiologiia** 1984 Sep;24(9):104-9 (Eng. Abstr.) (Rus)

[Clinical use of Berodual for treating the bronchospastic syndrome] Shastin IV, et al. **Ter Arkh** 1985;57(3):41-2 (Rus)

[Treatment of the crisis and inter-crisis with fenoterol-ipratropium in asthmatics] Baena-Cagnani CE, et al. **Alergia** 1985 Jan-Mar;32(1):23-9 (Eng. Abstr.) (Spa)

[Bronchodilator effect of fenoterol in acute asthma and after 2 weeks] Huerta López JG, et al. **Alergia** 1985 Apr-Jun; 32(2):51-6 (Eng. Abstr.) (Spa)

TOXICITY

Toxicology of mabuterol. Amemiya K, et al. **Arzneimittelforsch** 1984;34(11A):1680-4

Special toxicology—physical dependence potential, antigenicity and mutagenicity—of mabuterol. Amemiya K, et al. **Arzneimittelforsch** 1984;34(11A):1685-6

Reproduction studies with mabuterol in rats. Ishizaki O, et al. **Arzneimittelforsch** 1984;34(11A):1687-90

Cardiac effects of fenoterol hydrobromide on newborn versus adult rats. Kast A, et al. **Arzneimittelforsch** 1985; 35(1A):188-92

Allergy to cutting oil. Shrank AB. **Contact Dermatitis** 1985 Apr;12(4):229

[Clenbuterol and fenoterol—animal experiment comparison of 2 tocolytic agents (with special reference to cardiovascular side effects)] Wischnik A, et al. **Z Geburtshilfe Perinatol** 1984 Sep-Oct;188(5):228-33 (Eng. Abstr.) (Ger)

URINE

Determination of phosphoethanolamine in urine or in the presence of high taurine concentrations. Gundlach G, et al. **Anal Biochem** 1984 Nov 1;142(2):511-4

Pharmacokinetic studies of mabuterol, a new selective beta 2-stimulant. II: Urinary metabolites of mabuterol in rats and their pharmacological effects. Horiba M, et al. **Arzneimittelforsch** 1984;34(11A):1668-79

Labetalol: false-positive indices by EMIT-d.a.u. assay and Toxi-Lab A urine screen [letter] Apple FS, et al. **Clin Chem** 1985 Jul;31(7):1250-1

ETHCHLOROVYNOL see ETHCHLORVYNOL

ETHCHLORVINOL see **ETHCHLORVYNOL**

ETHCHLORVYNOL

ANALYSIS

Analysis of ethchlorvynol (Placidyl): evaluation of a comparison performed in a clinical laboratory. Bridges RR, et al. **J Anal Toxicol** 1984 Nov-Dec;8(6):263-8

PHARMACODYNAMICS

The effect of ethchlorvynol on cultured endothelial cells. A model for the study of the mechanism of increased vascular permeability. Wysolmerski R, et al. **Am J Pathol** 1985 Jun;119(3):505-12

ETHENOADENOSINE TRIPHOSPHATE see under **ADENOSINE TRIPHOSPHATE**

ETHER, ETHYL see under **ETHYL ETHERS**

ETHER, VINYL see **VINYL ETHER**

ETHERS

[Changes in canine intrahepatic blood flow distribution under inhalational anesthetics] Hasegawa K, et al. **Masui** 1985 May;34(5):619-25 (Eng. Abstr.) **(Jpn)**

[Structural and antigenic differences of pancreatic RNAse preparations modified by dextran ethers in an azo-combination reaction] Kurinenko BM, et al. **Biokhimiia** 1985 Apr;50(4):581-8 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Porcine systemic and regional organ blood flow during 1.0 and 1.5 minimum alveolar concentrations of sevoflurane anesthesia without and with 50% nitrous oxide. Manohar M, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):640-8

[Perspectives in the use of products of processing ether oil-yielding plants for the treatment of chronic dermatoses] Rodin IuA, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):42-4 (Eng. Abstr.) **(Rus)**

ANALYSIS

[Fragmentation characteristics of the polyether antibiotic complex isolated from Streptomyces hygroscopicus strains IM-110-81 and IM-111-81 (DIKLS) in mass spectrometry] Rachev R, et al. **Acta Microbiol Bulg** 1985;16:11-21 (Eng. Abstr.) **(Bul)**

BIOSYNTHESIS

[Taxonomic studies of Streptomyces hygroscopicus strain IM-110-81 (DIKLS)—producer of a polyether antibiotic complex] Darakchieva M et al. **Acta Microbiol Bulg** 1985; 16:22-8 (Eng. Abstr.) **(Bul)**

CHEMICAL SYNTHESIS

Synthesis and beta-adrenergic blocking activity of new aliphatic and alicyclic oxime ethers. Bouzoubaa M, et al. **J Med Chem** 1984 Oct;27(10):1291-4

[Actions of new iminium compounds on selected bacterial and fungal strains. 10. Synthesis of N-alkoxymethylquinolinium chlorides and their derivatives] Pernak J, et al. **Arch Pharm (Weinheim)** 1985 May;318(5):410-5 (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Cholelitholysis using methyl tertiary butyl ether. Allen MJ, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):122-5

Dissolution of gallstones by methyl tert-butyl ether [letter] **N Engl J Med** 1985 Aug 8;313(6):385-6

Rapid dissolution of gallstones by methyl tert-butyl ether. Preliminary observations. Allen MJ, et al. **N Engl J Med** 1985 Jan 24;312(4):217-20

CL 259,971: a potent new polyether anticoccidial. 1. Battery efficacy and safety. Kantor S, et al. **Poult Sci** 1984 Aug; 63(8):1497-505

CL 259,971: a potent new polyether anticoccidial. 2. Floor-pen trials. Kantor S, et al. **Poult Sci** 1984 Aug; 63(8):1506-11

Adjuvant chemotherapy of superficial transitional cell carcinoma: an E.O.R.T.C. randomized trail comparing doxorubicin hydrochloride, ethoglucid and TUR-alone. Kurth KH, et al. **Prog Clin Biol Res** 1985;185B:135-42

TOXICITY

Propyl ether. I. Interaction with the sensory irritant receptor. Nielsen GD, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):158-64

Propyl ether. II. Pulmonary irritation and anaesthesia. Nielsen GD, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):165-75

ETHERS, CYCLIC

Lithium-selective polymeric membrane electrodes based on dodecylmethyl-14-crown-4. Kitazawa S, et al. **Analyst** 1985 Mar;110(3):295-9

Solubilisation of ferricytochrome c in methanol using a crown ether: absorption, circular dichroism and EPR spectral properties. Bowyer JR, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):828-35

Rates of hydrolysis and extents of DNA binding of 5-methylchrysene dihydrodiol epoxides. Melikian AA, et al. **Cancer Res** 1985 May;45(5):1990-6

Characterization and quantitation of 3-alkylthymidines from reactions of mutagenic propylene oxides with thymidine. Djurić Z, et al. **Chem Biol Interact** 1984 Dec;52(2):243-53

Sterilization of therapeutic immunoadsorbents with aqueous propylene oxide solution. Sato H, et al. **Int J Artif Organs** 1985 Mar;8(2):109-14

Halogenated olefins and their epoxides: factors underlying carcinogenic activity. Politzer P, et al. **Prog Clin Biol Res** 1985;172A:227-37

[Reactions of aromatic epoxides with sodium diethyldithiocarbamate] Stanior U, et al. **Arch Pharm (Weinheim)** 1984 Dec;317(12):1042-7 (Eng. Abstr.) **(Ger)**

[Preparation of soluble drug bead polymerisates as the basis of epoxide resins] Mank R, et al. **Pharmazie** 1985 Jun; 40(6):404-5 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

Contact allergy to glycidyl trimethyl ammonium chloride. Bergqvist-Karlsson A. **Contact Dermatitis** 1985 Jan; 12(1):61-2

Contact dermatitis from the epoxy resins tetraglycidyl-4,4'-methylene dianiline and o-diglycidyl phthalate in composite material. Burrows D, et al. **Contact Dermatitis** 1984 Aug;11(2):80-2

Sister-chromatid exchanges and chromosome aberrations in lymphocytes from monkeys exposed to ethylene oxide and propylene oxide by inhalation. Lynch DW, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):85-95

Carcinogenic and toxicologic effects of inhaled ethylene oxide and propylene oxide in F344 rats. Lynch DW, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):69-84

ANALYSIS

[Hygienic regulation of glycidyl methacrylate in reservoir water] Zdravko BI, et al. **Gig Sanit** 1985 Feb;(2):67-9 **(Rus)**

CHEMICAL SYNTHESIS

Investigation of the antitumor activity of new epoxide derivatives. Part II: N-glycidylated oxo-nitrogen heterocycles. Fischer H, et al. **Arzneimittelforsch** 1984; 34(6):663-8

Mechanism of inactivation of 3-oxosteroid delta 5-isomerase by 17 beta-oxiranes. Bantia S, et al. **Biochemistry** 1985 May 21;24(11):2606-9

Anthracenyl crown ethers and cryptands as fluorescent probes for solid-phase transitions of phosphatidylcholines: syntheses and phospholipid membrane studies. Herrmann U, et al. **Biochemistry** 1984 Aug 28;23(18):4059-67

Studies on hypolipidemic agents. I. 3-Benzoylglycidic acid derivatives. Tomisawa K, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3066-74

Opioid agonists and antagonists. 6-Desoxy-6-substituted lactone, epoxide, and glycidate ester derivatives of naltrexone and oxymorphone. Koolpe GA, et al. **J Med Chem** 1985 Jul;28(7):949-57

METABOLISM

Cytochrome P-450-catalyzed stereoselective epoxidation at the K region of benz[a]anthracene and benzo[a]pyrene. Yang SK, et al. **Arch Biochem Biophys** 1985 Aug 1; 240(2):546-52

Inhalation pharmacokinetics based on gas uptake studies. VI. Comparative evaluation of ethylene oxide and butadiene monoxide as exhaled reactive metabolites of ethylene and 1,3-butadiene in rats. Filser JG, et al. **Arch Toxicol** 1984 Oct;55(4):219-23

Vitamin K epoxide reductase activity in the metabolism of epoxides. Liptay-Reuter I, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2617-20

Prostaglandin H synthase-dependent epoxidation of aflatoxin B1. Battista JR, et al. **Carcinogenesis** 1985 Aug;6(8):1227-9

Possible involvement of a vicinal, non-bay-region dihydrodiol-epoxide in the activation of dibenzo[a,e]fluoranthene into bacterial mutagens. Malaveille C, et al. **Carcinogenesis** 1984 Oct;5(10):1263-6

Uptake, metabolism and mutagenic activity of aromatic glycidyl compounds. Seiler JP. **Chem Biol Interact** 1984 Oct;51(3):347-56

Epoxide forming and degrading enzymes in the spider mite, Tetranychus urticae. Mullin CA, et al. **Comp Biochem Physiol [C]** 1984;79(1):85-92

n-Butylglycidyl ether: the formation of a novel metabolite of an epoxide. Eadsforth CV, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):263-4

Phenytoin enhances epoxide metabolism in human fetal liver cultures. Rane A, et al. **Drug Metab Dispos** 1985 May-Jun; 13(3):382-5

The metabolism and excretion of 14C-styrene oxide-glutathione adducts administered to the winter flounder, Pseudopleuronectes americanus, a marine teleost. Identification of the corresponding S-cysteine derivatives as major urinary metabolites. Yagen B, et al. **Drug Metab Dispos** 1984 Jul-Aug;12(4):389-95

Differential stereoselectivity of cytochromes P-450b and P-450c in the formation of naphthalene and anthracene 1,2-oxides. The role of epoxide hydrolase in determining the enantiomer composition of the 1,2-dihydrodiols formed. van Bladeren PJ, et al. **J Biol Chem** 1985 Aug 25;260(18):10226-35

The obligatory intermediacy of 16,17 alpha- and 16,17 beta-epoxides in the biotransformation of androsta-5,16-dien-3 beta-ol to androst-5-ene-3 beta, 16 alpha, 17 beta- and -3 beta, 16 beta, 17 alpha-triols by male rat liver microsomes. Watabe T, et al. **J Biol Chem** 1985 Jul 25;260(15):8716-20

Epoxidation of prostacyclin in the rabbit kidney. Wong PY, et al. **J Biol Chem** 1985 Aug 5;260(16):9150-3

Activation of styrene to styrene oxide in hepatocytes and subcellular fractions of rat liver. Belvedere G, et al. **Toxicol Lett** 1984 Nov;23(2):157-62

Subcellular distribution of styrene oxide in rat liver. Pacifici GM, et al. **Toxicol Pathol** 1984;12(1):69-73

Epoxidation of the lindane metabolite, beta-PCCH, by human- and rat-liver microsomes. Fitzloff JF, et al. **Xenobiotica** 1984 Jul;14(7):599-604

PHARMACODYNAMICS

Methyl palmoxirate increases Ca2+-myosin ATPase activity and changes myosin isoenzyme distribution in the diabetic rat heart. Dillmann WH. **Am J Physiol** 1985 May;248(5 Pt 1):E602-6

Cyclopropyl oxiranes: reversible inhibitors of cytosolic and microsomal epoxide hydrolases. Prestwich GD, et al. **Arch Biochem Biophys** 1985 Mar;237(2):361-72

The effect of body weight and the fatty acid-oxidation inhibitor 2-tetradecylglycidic acid on pyruvate dehydrogenase complex activity in mouse heart. Caterson ID, et al. **Biochem J** 1984 Dec 15;224(3):787-91

Effects of 2[5(4-chlorphenyl)pentyl]oxirane-2-carboxylate on fatty acid synthesis and fatty acid oxidation in isolated rat hepatocytes. Agius L, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2651-4

Effects of sodium 2-[5-(4-chlorophenyl)pentyl]-oxirane-2-carboxylate (POCA) on carbohydrate and fatty acid metabolism in liver and muscle. Schudt C, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3357-62

Effect of methyl palmoxirate, an oral hypoglycemic agent, on epinephrine-induced hyperglycemia in the rat. Tutwiler GF, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2217-20

Mechanism of action of methanol oxidase, reconstitution of methanol oxidase with 5-deazaflavin, and inactivation of methanol oxidase by cyclopropanol. Sherry B, et al. **Biochemistry** 1985 May 21;24(11):2594-605

Effects of the oral hypoglycemic agent methyl palmoxirate on exercise capacity of rats. Young JC, et al. **Can J Physiol Pharmacol** 1984 Jul;62(7):815-8

Kinetics of tryptophanase inactivation/activation by sudden removal/addition of potassium ions with the aid of a crown ether or cryptand. Behbahani-Nejad I, et al. **Curr Top Cell Regul** 1984;24:219-28

Decrease of fatty acid oxidation, ketogenesis and gluconeogenesis in isolated perfused rat liver by phenylalkyl oxirane carboxylate (B 807-27) due to inhibition of CPT I (EC 2.3.1.21). Wolf HP, et al. **Eur J Biochem** 1985 Jan 15;146(2):359-63

Effect of oxidants and antioxidants on chromosomal breakage in Fanconi anemia lymphocytes. Dallapiccola B, et al. **Hum Genet** 1985;69(1):62-5

Effects of the acylcarnitine-transferase blocking agent sodium 2[5-(4-chlorophenyl)-pentyl]-oxirane-2-carboxylate (POCA) on metabolism and regional function in the underperfused canine myocardium. Seitelberger R, et al. **J Cardiovasc Pharmacol** 1985 Mar-Apr;7(2):273-80

Effects of acylcarnitine-transferase blocking agent sodium 2[5-(4-chlorophenyl)-pentyl]-oxirane-2-carboxylate (POCA) on cardiodynamics and myocardial metabolism in dogs. Seitelberger R, et al. **J Cardiovasc Pharmacol** 1984 Sep-Oct;6(5):902-8

Analysis of replication of DEB-alkylated DNA in yeast: bypass replication in a rad3 mutant of Saccharomyces cerevisiae. Lecka-Czernik B, et al. **Mutat Res** 1984 Nov-Dec;132(5-6):161-9

Diepoxybutane forms a monoadduct with B-form (dG-dC)n.(dG-dC)n and a crosslinked diadduct with the left-handed Z-form. Kang DS, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5645-56

Inhibition of mitochondrial carnitine palmitoyl transferase A in vivo with methyl 2-tetradecylglycidate (methyl palmoxirate) and its relationship to ketonemia and glycemia. Tutwiler GF, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):288-96

[Effects of oxidants and antioxidants on chromosome breaks in Fanconi's anemia] Porfirio B, et al. **Pathologica** 1983;75 Suppl:296-300 **(Ita)**

[Anti-arrhythmia activity of crown-lactone I and its effect on aconitine-modified sodium channels] Luk'ianenko NG, et al. **Biofizika** 1985 May-Jun;30(3):427-30 (Eng. Abstr.) **(Rus)**

[Effect of 15-crown-5 on smooth muscle cell membranes] Bogatskil AV, et al. **Fiziol Zh** 1984 Nov-Dec;30(6):727-30 **(Rus)**

THERAPEUTIC USE

Prevention of the metabolic effects of 2–tetradecylglycidate by octanoic acid in the genetically diabetic mouse (db/db). Lee SM, et al. **Biochem Med** 1985 Feb;33(1):104–9

Mechanism of hyperglycemia and response to treatment with an inhibitor of fatty acid oxidation in a patient with insulin resistance due to antiinsulin receptor antibodies. Mandarino L, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):658–64

[Search for and study of antiarrhythmic substances among crown ethers] Luk'ianenko NG, et al. **Farmakol Toksikol** 1984 Sep–Oct;47(5):29–32 (Eng. Abstr.) **(Rus)**

TOXICITY

Effect of styrene oxide on levels of biogenic amines and activity of monoamine oxidase in different parts of rat brain. Husain R, et al. **Bull Environ Contam Toxicol** 1985 May; 34(5):722–9

A carcinogenicity study of styrene–7,8–oxide in rats. Ponomarkov V, et al. **Cancer Lett** 1984 Aug;24(1):95–101

In vitro transformation and tumor promotion studies of styrene and styrene oxide. Male R, et al. **Carcinogenesis** 1985 Sep;6(9):1367–70

Genotoxicity and carcinogenicity of glycidyl ethers. Hopkins J. **Food Chem Toxicol** 1984 Sep;22(9):780–3

Novel insertion mutation in Caenorhabditis elegans. Eide DJ, et al. **Mol Cell Biol** 1985 Jan;5(1):1–6

Mutagenicity and chemical reactivity of epoxidic intermediates of the isoprene metabolism and other structurally related compounds. Gervasi PG, et al. **Mutat Res** 1985 Apr–May;156(1–2):77–82

Investigation of the mutagenicity of ethylphenylglycidate. Tilch C, et al. **Mutat Res** 1984 Oct;138(1):1–8

Concerning the relative non–toxicity of silacrown ionophores. Pannell KH, et al. **Pharmacol Biochem Behav** 1984;21 Suppl 1:77–80

Mutagenicity in Salmonella assays of cyclohexane epoxide derivatives. Frantz SW, et al. **Toxicol Lett** 1985 Jun; 25(3):265–71

[Mutagenicity of bis(2,3–epoxy–cyclopentyl) ether] Xie DY, et al. **Cheng Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Jun;6(3):210–2 (Eng. Abstr.) **(Chi)**

[Hygienic evaluation of polymer coating PEP–971 used in the water supply] Iakovleva LE, et al. **Gig Sanit** 1984 Jul; (7):74 **(Rus)**

[Toxicity of cresylglycide ether] Krechkovskiĭ EA, et al. **Gig Tr Prof Zabol** 1985 Mar;(3):50 **(Rus)**

ETHICS

see related

CONFIDENTIALITY
HUMAN RIGHTS

Surrogate parenting. Friedman S. **Acta Eur Fertil** 1984 Nov–Dec;15(6):441–4

Dilemmas in practice: a heart decision. Vaughan–Cole B, et al. **Am J Nurs** 1985 May;85(5):535–6

Principles of occupational therapy ethics. **Am J Occup Ther** 1984 Dec;38(12):799–802

Woman's role in Masters and Johnson program raises 'serious ethical problem' [letter] Kales JD. **Am J Psychiatry** 1984 Oct;141(10):1303

Utilitarianism. Gillon R. **Br Med J [Clin Res]** 1985 May 11; 290(6479):1411–3

Individual and community responsibility for population policy. Last JM. **Can J Public Health** 1985 Mar–Apr; 76(2):81–7 **(Eng, Fre)**

Hospital ethics committees: survey reveals characteristics. Avard D, et al. **Dimens Health Serv** 1985 Feb;62(2):24–6

The social context of workplace screening. Murray TH. **Hastings Cent Rep** 1984 Oct;14(5):21–3

The Netherlands: tolerance and teaching. Terborgh–Dupuis H. **Hastings Cent Rep** 1984 Dec;14(6):23–4

Ethics and medicine. 2. The Hospital Medical Ethics Committee. Olvey SE. **Indiana Med** 1985 Jun;78(6):516–7

Veterinary ethics and ecologic concerns [letter] Fox MW. **J Am Vet Med Assoc** 1985 Feb 1;186(3):212, 214

Focus on ethics of questionable procedure [letter] Rigg DL, et al. **J Am Vet Med Assoc** 1985 May 1;186(9):852–3

Principles of ethics. Beauchamp TL. **J Dent Educ** 1985 Apr; 49(4):214–8

The relationship of the profession(al) to society. Veatch RM. **J Dent Educ** 1985 Apr;49(4):207–13

Statement on ethical conduct in research by the Infectious Diseases Society of America. **J Infect Dis** 1984 Nov; 150(5):792–3

Dignity and death: a reply. Brooks SA. **J Med Ethics** 1985 Jun;11(2):84–7

Ethics, advertising and the definition of a profession. Dyer AR. **J Med Ethics** 1985 Jun;11(2):72–8

Ethical dilemmas of the doctors' strike in Israel. Grosskopf I, et al. **J Med Ethics** 1985 Jun;11(2):70–1

Plato's moral theory. Mackenzie MM. **J Med Ethics** 1985 Jun;11(2):88–91

The moral significance of spontaneous abortion. Murphy TF. **J Med Ethics** 1985 Jun;11(2):79–83

Singer and Kuhse on the potential of embryos [letter] Scarlett BF. **J Med Ethics** 1984 Dec;10(4):217–8

The ethics of public affirmation in the health education classroom. Eddy JM. **J Sch Health** 1984 Sep;54(8):316–7

Ethical considerations in research on wildlife diseases. Botzler RG, et al. **J Wildl Dis** 1985 Jul;21(3):341–5

Use and misuse of an imprecise concept: alternative methods in animal experiments. Weihe WH. **Lab Anim** 1985 Jan; 19(1):19–26

Allegations of corrupt practices by NHS consultants: minister promises vigorous pursuit. **Lancet** 1985 Mar 23;1(8430):708

Ethics of drug marketing [letter] **Lancet** 1985 Jan 19; 1(8421):166–7

Tactics of the United States right–to–life movement [letter] Willke JC. **Lancet** 1985 Feb 23;1(8426):453

The limit of violence: psychotropic drugs, law and ethics. Tamm JM. **Med Law** 1985;4(2):155–66

Investor–owned or nonprofit? Issues and implications for academic and ethical values in a Catholic teaching hospital. O'Brien RL, et al. **N Engl J Med** 1985 Jul 18;313(3):198–201

Dealing with conflicts of interest [editorial] Relman AS. **N Engl J Med** 1985 Sep 19;313(12):749–51

Animal rights [letter] Barer R. **Nature** 1984 Oct 18–24; 311(5987):600

Ethics, ethical committees and animal experimentation [editorial] Britt D. **Nature** 1984 Oct 11–17;311(5986):503–6

Mistreatment of laboratory animals endangers biomedical research [news] Stevens C. **Nature** 1984 Sep 27–Oct 3; 311(5984):295–7

Access to hospice. Ethical dimensions. Aroskar MA. **Nurs Clin North Am** 1985 Jun;20(2):299–309

Use of an institutional ethics team on a pediatric service. Grodin MA, et al. **QRB** 1985 Jan;11(1):16–9

Hospital ethics committees and hospital policy. Thomasma DC. **QRB** 1985 Jul;11(7):204–9

A consideration of the ethics of brain death—what are the ethical guidelines for physician, family and society in dealing with brain death? Brooks CM. **Sangyo Ika Daigaku Zasshi** 1985 Jun 1;7(2):139–50

Fertility reduction policies and poverty in Third World countries: ethical issues. Hernandez DJ. **Stud Fam Plann** 1985 Mar–Apr;16(2):76–87

Code of ethics for the University of Texas System Cancer Center M.D. Anderson Hospital and Tumor Institute. van Eys J, et al. **Tex Med** 1985 Jun;81(6):41–3

Publication of experimental animal research: ethical aspects. **Vet Q** 1985 Apr;7(2):81–3

Ethics and laboratory animals. Cooper JE. **Vet Rec** 1985 Jun 1;116(22):594–5

[Socialist morality and social pediatrics] Březina Z. **Cesk Zdrav** 1985 Feb;33(2):49–54 (Eng. Abstr.) **(Cze)**

[Killing of fur animals in farms] Körner E. **Tierarztl Prax** 1984;12(4):527–30 **(Ger)**

[Various problems in the professional and deontologic instruction of physician–hygienists] Borisenko NF, et al. **Gig Sanit** 1984 Sep;(9):44–6 **(Rus)**

[Deontology of a public health organizer] Aleksandrov OA, et al. **Sov Zdravookhr** 1985;(2):14–9 **(Rus)**

ETHICS, DENTAL

Truth or consequences [editorial] Laskin DM. **J Am Coll Dent** 1984 Fall;51(3):9

Dentistry and ethics: a call for attention. Cole LA. **J Am Dent Assoc** 1984 Oct;109(4):559–61

Human subjects in dental research: coping with the regulations. Council on Dental Research. Gibson WA. **J Am Dent Assoc** 1985 Feb;110(2):243–6

Ethics in dentistry: review and critique of Principles of Ethics and Code of Professional Conduct. Nash DA. **J Am Dent Assoc** 1984 Oct;109(4):597–603

Teaching ethics in dentistry. Bebeau MJ. **J Dent Educ** 1985 Apr;49(4):236–43

Measuring dental students' ethical sensitivity. Bebeau MJ, et al. **J Dent Educ** 1985 Apr;49(4):225–35

Ethics in dental medicine: a framework for moral responsibility in dental practice. McCullough LB. **J Dent Educ** 1985 Apr;49(4):219–24

Ethics . . . and the quest for excellence in the profession. Nash DA. **J Dent Educ** 1985 Apr;49(4):198–201

Professional ethics in dentistry: the PEDNET bibliography. Ozar DT, et al. **J Dent Educ** 1985 Apr;49(4):244–50

An introduction to problems of dental ethics. Halsband ER. **Med Law** 1984;3(4):377–81

The solid gold placebo. Marbach JJ. **NY State Dent J** 1985 May;51(5):278–84 (26 ref.)

ETHICS, INSTITUTIONAL see under **ETHICS**

ETHICS, MEDICAL

see related

HUMAN EXPERIMENTATION

Obgynethical issues—present and future. Mahowald MB. **Adv Psychosom Med** 1985;12:166–81

The ethics of research in the elderly. Denham MJ. **Age Ageing** 1984 Nov;13(6):321–7

No double standard for patient care. Ackerman AB. **Am J Dermatopathol** 1984 Aug;6(4):411

Doctors and executions. Thorburn KM. **Am J Dermatopathol** 1985 Feb;7(1):87

The movable medical crisis: a parable in critical–care medicine. Reich WT. **Am J Emerg Med** 1984 Nov; 2(6):550–3

Moral absurdities in critical–care medicine: commentary on a parable. Reich WT. **Am J Emerg Med** 1984 Nov; 2(6):554–8 (36 ref.)

Ethics and health care: the next 20 years. Callahan D. **Am J Hosp Pharm** 1985 May;42(5):1053–7

Limits of guardian treatment refusal: a reasonableness standard. Veatch RM. **Am J Law Med** 1984 Winter; 9(4):427–68

Research ethics at Tuskegee and Willowbrook [letter] Rothman DJ. **Am J Med** 1984 Dec;77(6):A49

Consent to dialyzer reuse: is it ethically necessary? Kaye M, et al. **Am J Nephrol** 1985;5(2):138–41

The bitter end. Huttmann B. **Am J Nurs** 1984 Nov; 84(11):1366

Ethics in obstetrics and gynecology. Ryan KJ. **Am J Obstet Gynecol** 1985 Apr 1;151(7):840–3

Standardized assessments: ethical principles for use. Bonder B. **Am J Occup Ther** 1985 Jul;39(7):473–4

Ethics of clinical research. Sharrott GW. **Am J Occup Ther** 1985 Jun;39(6):407–8

Promises to keep: implications of the referent 'patient' versus 'client' for those served by occupational therapy. Sharrott GW, et al. **Am J Occup Ther** 1985 Jun;39(6):401–5

Ethical issues in cooperative cancer therapy trials from a statistical viewpoint. II. Specific issues. Shuster JJ, et al. **Am J Pediatr Hematol Oncol** 1985 Spring;7(1):64–70

Ethical issues in cooperative cancer therapy trials from a statistical viewpoint. I. A general overview. Shuster JJ, et al. **Am J Pediatr Hematol Oncol** 1985 Spring;7(1):57–63

Ethical and legal issues in the treatment of children with cancer. Our responsibilities to the parents, to the child, and to the other similarly afflicted children. Truman JT, et al. **Am J Pediatr Hematol Oncol** 1984 Fall;6(3):313–7

Legal cases, government regulations, and clinical realities in newborn intensive care. Guillemin JH, et al. **Am J Perinatol** 1983 Oct;1(1):89–97

Ethics in the practice of psychiatry: update on the results of enforcement of the code. Moore RA. **Am J Psychiatry** 1985 Sep;142(9):1043–6

Other determinants of therapeutic modality choice [letter] Sander FM. **Am J Psychiatry** 1984 Nov;141(11):1493–4

The prostitute, the playboy, and the poet: rationing schemes for organ transplantation. Annas GJ. **Am J Public Health** 1985 Feb;75(2):187–9

Surgeon's role in ethical decisions. English DC. **Am Surg** 1985 Jul;51(7):423–5

Medical, moral, legal, and ethical aspects of resuscitation for the patient who will have minimal ability to function or ultimately survive. American College of Emergency Physicians, Dallas, Texas. **Ann Emerg Med** 1985 Sep; 14(9):919–26

Abortion and the ethics manual [letter] Gibson CD Jr. **Ann Intern Med** 1985 Jan;102(1):133–4

Ethical and legal issues related to the use of computer programs in clinical medicine. Miller RA, et al. **Ann Intern Med** 1985 Apr;102(4):529–37 (60 ref.)

Letters to the editor and informed consent [letter] Naylor D. **Ann Intern Med** 1985 Apr;102(4):564

Judaism and medical ethics [letter] Rosner F. **Ann Intern Med** 1984 Nov;101(5):721–2

Helsinki statement on human in vitro fertilization. Edwards RG, et al. **Ann NY Acad Sci** 1985;442:571–2

Ethical and moral issues of in vitro fertilization. Introduction: the scientific basis of ethics. Edwards RG. **Ann NY Acad Sci** 1985;442:564–70

An economic and ethical way to introduce in vitro fertilization to infertility practice, and findings related to postcoital sperm/mucus penetration in isolated tubal, 'cervical,' and unexplained infertility. Hull MG, et al. **Ann NY Acad Sci** 1985;442:318–23

A practical ethical framework for in vitro fertilization and related reproductive interventions. Jansen RP. **Ann NY Acad Sci** 1985;442:595–600

Ethics of in vitro fertilization: 1984. Jones HW Jr. **Ann NY Acad Sci** 1985;442:577–82

Ethical and moral issues of in vitro fertilization. Juva M. **Ann NY Acad Sci** 1985;442:585–7

Bioethical decision–making: which path to choose? Overduin DC. **Ann NY Acad Sci** 1985;442:583–4

Jewish and Moslem aspects of in vitro fertilization and embryo transfer. Schenker JG. **Ann NY Acad Sci** 1985; 442:601–7

The ethics of the reproduction revolution. Singer P. **Ann NY Acad Sci** 1985;442:588–94

Historical aspects of the ethics of in vitro fertilization. Steptoe P. **Ann NY Acad Sci** 1985;442:573–6

How shall we then practice? Magovern GJ. **Ann Thorac Surg** 1985 Aug;40(2):103–12

Who decides and when is the time to institute resuscitative efforts? Abrams FR. **AORN J** 1985 Feb;41(2):467, 469

Moral perspectives in the use of embryonic cell transplantation for correction of nervous system disorders. Murphy PJ. **Appl Neurophysiol** 1984;47(1–2):65–8

Ethics in medical donations. Neville RC. **Appl Neurophysiol** 1984;47(1–2):73–6

Risks, paternalism, and the gift of life [editorial] Caplan AL, et al. **Arch Intern Med** 1985 Jul;145(7):1188–90

Clinical practice, clinical ethics [editorial] Cassell EJ. **Arch Intern Med** 1985 Apr;145(4):627–8

Ethics, law, and nutritional support. Dresser RS, et al. **Arch Intern Med** 1985 Jan;145(1):122–4

Cardiopulmonary resuscitation (CPR). Patient factors and decision making. Farber NJ, et al. **Arch Intern Med** 1984 Nov;144(11):2229–32

Artificial insemination in lesbians. Ethical considerations.

Fletcher JC. **Arch Intern Med** 1985 Mar;145(3):419–20

Donor's choice or Hobson's choice? Spital A, et al. **Arch Intern Med** 1985 Jul;145(7):1297–301

American Medical Association. President's inaugural address. Boyle JF. **Ariz Med** 1984 Sep;41(9):613–6

What are the ethical and social implications of artificial organs? Cortesini R. **Artif Organs** 1985 May;9(2):127–8

Ethical considerations in gastric surgery for morbid obesity. Marshall RD. **Aust Clin Rev** 1984 Jun;(13):27–9

Euthanasia—old issue: new debate. Kirby MD. **Aust NZ J Med** 1984 Oct;14(5):691–6

Workings of a state human research review board. Thuline HC. **Birth Defects** 1984;20(6):44–52

First relieve suffering. Ramírez-Rivera J. **Bol Asoc Med PR** 1985 Mar;77(3):101–3

Ethics of innovative cardiac surgery [editorial] Shinebourne EA. **Br Heart J** 1984 Dec;52(6):597–601

Animal research: the law and ethics. Gracey JF. **Br J Oral Maxillofac Surg** 1984 Oct;22(5):349–51

Responsibility in the use of personal medical information for research: principles and guide to practice. Statement by the Medical Research Council. **Br Med J [Clin Res]** 1985 Apr 13;290(6475):1120–4

Children in a persistent vegetative state [editorial] Campbell AG. **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1022–3

Cooperation not confrontation: the imperative of a nuclear age. Dyer J. **Br Med J [Clin Res]** 1985 Jul 20; 291(6489):191–3

European Ethical Review Committee: the experience of an international ethics committee reviewing protocols for drug trials. Faccini JM, et al. **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1052–4

An introduction to philosophical medical ethics: the Arthur case. Gillon R. **Br Med J [Clin Res]** 1985 Apr 13; 290(6475):1117–9

Medical oaths, declarations, and codes. Gillon R. **Br Med J [Clin Res]** 1985 Apr 20;290(6476):1194–5

Deontological foundations for medical ethics? Gillon R. **Br Med J [Clin Res]** 1985 May 4;290(6478):1331–3

Conscience, good character, integrity, and to hell with philosophical medical ethics? Gillon R. **Br Med J [Clin Res]** 1985 May 18;290(6480):1497–8

Autonomy and the principle of respect for autonomy. Gillon R. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1806–8

'It's all too subjective': scepticism about the possibility or use of philosophical medical ethics. Gillon R. **Br Med J [Clin Res]** 1985 May 25;290(6481):1574–5

To what do we have moral obligations and why? II. Gillon R. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1734–6

To what do we have moral obligations and why? I. Gillon R. **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1646–7

Philosophical medical ethics. Rights. Gillon R. **Br Med J [Clin Res]** 1985 Jun 22:290(6485):1890–1

Paternalism and medical ethics. Gillon R. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1971–2

Beneficence: doing good for others. Gillon R. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):44–5

Justice and medical ethics. Gillon R. **Br Med J [Clin Res]** 1985 Jul 20;291(6489):201–2

'Primum non nocere' and the principle of non-maleficence. Gillon R. **Br Med J [Clin Res]** 1985 Jul 13;291(6488):130–1

Justice and allocation of medical resources. Gillon R. **Br Med J [Clin Res]** 1985 Jul 27;291(6490):266–8

What to do with a sick elderly woman who refuses to go to hospital. Harris SJ, et al. **Br Med J [Clin Res]** 1984 Nov 24;289(6456):1435–6

Medical ethics and the potentialities of the living being. Holbrook D. **Br Med J [Clin Res]** 1985 Aug 17; 291(6493):459–62

Doctors and the drug industry in Sweden. Smith R. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):448–50

The Warnock report. Warnock M. **Br Med J [Clin Res]** 1985 Jul 20;291(6489):187–90

Psychiatric ethics in the courtroom. Appelbaum PS. **Bull Am Acad Psychiatry Law** 1984;12(3):225–31

The ethical practice of forensic psychiatry: a view from the trenches. Ciccone JR, et al. **Bull Am Acad Psychiatry Law** 1984;12(3):263–77

The ethical dilemmas of forensic psychiatry: a utilitarian approach. Halleck SL. **Bull Am Acad Psychiatry Law** 1984; 12(3):279–88

The ivory tower v. the marketplace. Modlin HC. **Bull Am Acad Psychiatry Law** 1984;12(3):233–6

Practical ethical problems of the forensic psychiatrist in dealing with attorneys. Sadoff RL. **Bull Am Acad Psychiatry Law** 1984;12(3):243–52

The ethical boundaries of forensic psychiatry: a view from the ivory tower. Stone AA. **Bull Am Acad Psychiatry Law** 1984;12(3):209–19

Response from a straw man. Watson AS. **Bull Am Acad Psychiatry Law** 1984;12(3):221–4

Ethical issues in forensic psychiatry: from an attorney's perspective. Weiner BA. **Bull Am Acad Psychiatry Law** 1984;12(3):253–61

How should forensic psychiatry police itself? Guidelines and grievances: the AAPL Committee on Ethics. Weinstein HC. **Bull Am Acad Psychiatry Law** 1984;12(3):289–302

Forensic psychiatry: critique of a critique. Zonana HV. **Bull Am Acad Psychiatry Law** 1984;12(3):237–41

Ethics in behaviour therapy: historical aspects and current status. Rapp MS. **Can J Psychiatry** 1984 Nov;29(7):547–50

Whatsoever things are true: ways, means and values in modern psychiatry. Runions JE. **Can J Psychiatry** 1984 Apr;29(3):223–7

Ethics in research on surgical techniques: a conversation. Chouinard A. **Can J Surg** 1985 Jul;28(4):303–4

Do not resuscitate: writing a no code policy. Clayton D. **Can Med Assoc J** 1985 Jul 1;133(1):62–4

Autonomy: concepts and misconceptions. Collins RM. **Can Med Assoc J** 1984 Sep 15;131(6):624–5, 628

Ethical decision-making by hospital committees [letter] de Watcher MA, et al. **Can Med Assoc J** 1984 Oct 1; 131(7):713–4

Euthanasia and the American Medical Association. Forrest DM. **Can Med Assoc J** 1984 Sep 15;131(6):629, 631–2

Chilean medical college battling doctor participation in torture. Goldman B. **Can Med Assoc J** 1985 Jun 15; 132(12):1414–6

Professional misconduct: does the public have the right to know? Goldman B. **Can Med Assoc J** 1984 Sep 15; 131(6):637, 640–2, 644

Professional courtesy: my colleagues will no longer be my brothers. Goldman B. **Can Med Assoc J** 1985 Feb 15; 132(4):422–3, 426–8

Human experimentation and informed consent. Grad RM. **Can Med Assoc J** 1984 Oct 15;131(8):932, 935

Residual sentience and cognitive death: ethical issues in brain death and the persistent vegetative state. Ladanyi M. **Can Med Assoc J** 1984 Sep 15;131(6):632, 634–6

The hypocrisy of abortion [letter] Longo AJ. **Can Med Assoc J** 1985 Jul 1;133(1):13–4

An authors' code of ethics for medical editors? [editorial] Morgan PP. **Can Med Assoc J** 1985 Apr 1;132(7):731

Allocating health care resources: a moral dilemma. Parsons A. **Can Med Assoc J** 1985 Feb 15;132(4):466–9

Ethical aspects of medical genetics. A proposal for guidelines in genetic counseling, prenatal diagnosis and screening. Fletcher JC, et al. **Clin Genet** 1985 Feb;27(2):199–205

Presidential address: medical competence—education and ethics. Tew JM Jr. **Clin Neurosurg** 1983;31:1–8

Researchers' access to patient records: an analysis of the ethical problems. Appelbaum PS, et al. **Clin Res** 1984 Oct; 32(4):399–403

Can patients be asked to pay for experimental treatment? Lind SE. **Clin Res** 1984 Oct;32(4):393–8

Should doctors learn to say 'no'? Boyle JF. **Colo Med** 1984 Aug;81(8):188, 190–1, 208

How to draw up your living will. Hubbard RD. **Colo Med** 1985 Jul 1;82(11):186–7

Orders not to resuscitate: the DNR patient [editorial] Chernow B, et al. **Crit Care Med** 1984 Oct;12(10):922–3

Decisions on prolonging life [editorial] Tagge GF. **Crit Care Med** 1985 Aug;13(8):692

ICU physician's ethical role in distributing scarce resources. Zawacki BE. **Crit Care Med** 1985 Jan;13(1):57–60

Medical ethical issues: are you addressing them? Ferguson CG. **Dimens Health Serv** 1984 Aug;61(8):30–1, 33, 35

Medical ethics committees—the decision is yours. Ferguson CG. **Dimens Health Serv** 1984 Sep;61(9):36–41

Clinical trials and medical ethics [editorial] Lore W. **East Afr Med J** 1985 Jan;62(1):1–2

Identification of persons with Munchausen's syndrome: ethical problems. Kass FC. **Gen Hosp Psychiatry** 1985 Jul; 7(3):195–200

The terminally ill elderly: dealing with the ethics of feeding. Miles SH. **Geriatrics** 1985 May;40(5):112, 115, 118–20

The social allocation of health care resources: ethical dilemmas in age-group competition. Clark PG. **Gerontologist** 1985 Apr;25(2):119–25

The subject is Baby Fae. **Hastings Cent Rep** 1985 Feb; 15(1):8–14

France: a national committee debates the issues. Ambroselli C. **Hastings Cent Rep** 1984 Dec;14(6):20–1

Baby Fae: the 'anything goes' school of human experimentation. Annas GJ. **Hastings Cent Rep** 1985 Feb; 15(1):15–7

The Phoenix heart: what we have to lose. Annas GJ. **Hastings Cent Rep** 1985 Jun;15(3):15–6

Fetal research: the question in the states. Baron CH. **Hastings Cent Rep** 1985 Apr;15(2):12–6

Canada: the Mandarin bureaucracy. Bayles MD, et al. **Hastings Cent Rep** 1984 Dec;14(6):17–8

Autonomy: a moral good, not a moral obsession. Callahan D. **Hastings Cent Rep** 1984 Oct;14(5):40–2

Ironies and tensions in feeding the dying. Capron AM. **Hastings Cent Rep** 1984 Oct;14(5):32–5

Life as a work of art. Cassell EJ. **Hastings Cent Rep** 1984 Oct;14(5):35–7

Ensuring care, respect, and fairness for the elderly. Childress JF. **Hastings Cent Rep** 1984 Oct;14(5):27–31

The many faces of competency. Drane JF. **Hastings Cent Rep** 1985 Apr;15(2):17–21

The mistreatment of dead bodies. Feinberg J. **Hastings Cent Rep** 1985 Feb;15(1):31–7

Fetal research: the state of the question. Fletcher JC, et al. **Hastings Cent Rep** 1985 Apr;15(2):6–12

China: diary of a barefoot bioethicist. Fox S. **Hastings Cent Rep** 1984 Dec;14(6):18–20

Britain: the public gets involved. Gillon R. **Hastings Cent Rep** 1984 Dec;14(6):16–7

Setting boundaries for artificial feeding. Green W. **Hastings Cent Rep** 1984 Dec;14(6):8–10

Thinking about the body. Kass LR. **Hastings Cent Rep** 1985 Feb;15(1):20–30

Reporting the case of Baby Jane Doe. Kerr K. **Hastings Cent Rep** 1984 Aug;14(4):7–9

Yugoslavia: equity and imported ethical dilemmas. Lang S, et al. **Hastings Cent Rep** 1984 Dec;14(6):26–7

The predictive power of the new genetics. Lappé M. **Hastings Cent Rep** 1984 Oct;14(5):18–21

Thailand: Buddhism meets the Western model. Lindbeck V. **Hastings Cent Rep** 1984 Dec;14(6):24–6

When a mentally ill woman refuses abortion [editorial] Mahowald M, et al. **Hastings Cent Rep** 1985 Apr;15(2):22–3

Italy: abortion and nationalized health care. Mori M. **Hastings Cent Rep** 1984 Dec;14(6):22–3

Who benefits from the artificial heart? Preston TA. **Hastings Cent Rep** 1985 Feb;15(1):5–7

A duty to warn, an uncertain danger. Reamer FG, et al. **Hastings Cent Rep** 1985 Feb;15(1):17–9

Should age be a criterion in health care? Siegler M. **Hastings Cent Rep** 1984 Oct;14(5):24–7

Will live organ donations no longer be justified? Starzl TE. **Hastings Cent Rep** 1985 Apr;15(2):5

Australia: in vitro fertilization and more. Thomson CJ. **Hastings Cent Rep** 1984 Dec;14(6):14–5

Why tolerate the statistical victim? Trachtman LE. **Hastings Cent Rep** 1985 Feb;15(1):14

Ethical and practical public relations for the physician. Liberman J. **Hawaii Med J** 1984 Sep;43(9):300

Extending the boundaries of life: implications for practice. Abramson M, et al. **Health Soc Work** 1985 Summer; 10(3):165–73

Clinical trials: I. Design and ethical issues. Tilley B. **Henry Ford Hosp Med J** 1984;32(2):147–51

Applied clinical ethics or universal principles. Clements CD, et al. **Hosp Community Psychiatry** 1985 Feb;36(2):121–3

Ethical considerations in research on methadone in the treatment of schizophrenia. Hartman N, et al. **Hosp Community Psychiatry** 1984 Nov;35(11):1087–8, 1164

Quinlan case set pece for bioethics debate. **Hospitals** 1985 Aug 1;59(15):36–7

Technology, costs highlight ethical issues. **Hospitals** 1985 Mar 16;59(6):74

Coalition asks, 'Life at any price'? Powills S. **Hospitals** 1985 May 16;59(10):110, 114

Experimental medical devices, drugs and techniques. Their future social, medical and political implications (Part 4). Bowen OR. **Indiana Med** 1984 Sep;77(9):682–5

Experimental medical devices, drugs and techniques. Their future social, medical and political implications (Part 1). Bowen OR. **Indiana Med** 1984 Jun;77(6):450–3

Ethics and medicine. 2. The Hospital Medical Ethics Committee. Olvey SE. **Indiana Med** 1985 Jun;78(6):516–7

Ethics and medicine. 1. Introduction. Schmidt PE, et al. **Indiana Med** 1985 May;78(5):403–4

Ethics and epidemiological research. Waters WE. **Int J Epidemiol** 1985 Mar;14(1):48–51

Principles of medical ethics relevant to the protection of prisoners against torture. Council for International Organizations of Medical Sciences. **Int J Health Serv** 1984; 14(3):505–8

Ethical dilemma of late pregnancy termination in cases of gross fetal malformations. Leiberman JR, et al. **Isr J Med Sci** 1984 Nov;20(11):1051–5

Allocation of feeding pumps: an ethical question. Bell SJ, et al. **J Am Diet Assoc** 1985 Jun;85(6):697–9

Legal and ethical standards in geriatric medicine. Kapp MB. **J Am Geriatr Soc** 1985 Mar;33(3):179–83

Ethics of extraordinary nutritional support [letter] Quilty WJ. **J Am Geriatr Soc** 1984 Dec;32(12):943–4

Sex, age, and values. Renshaw DC. **J Am Geriatr Soc** 1985 Sep;33(9):635–43

Freedom, dependency, and the care of the very old. Thomasma DC. **J Am Geriatr Soc** 1984 Dec;32(12):906–14

CPR. Goodwin JS, et al. **J Chronic Dis** 1985;38(8):717–9

The decision to publish. Ethical dilemmas. Shapiro S. **J Chronic Dis** 1985;38(4):365–72

Colleagues: to protect or not? Plumeri PA. **J Clin Gastroenterol** 1984 Dec;6(6):549–52

Ethics, entrepreneurs and leadership. Mueller AH, et al. **J Emerg Med** 1983;1(2):111–18

Ethics of clinical trials in family medicine. Coulehan JL, et al. **J Fam Pract** 1985 Sep;21(3):217–22

Medical ethics [letter] Williamson P, et al. **J Fam Pract** 1985 Feb;20(2):119–20

'Rationing' and American health policy. Baily MA. **J Health Polit Policy Law** 1984 Fall;9(3):489–501

The pediatrician is the child's advocate [editorial] Cooper JA. **J Med Educ** 1985 Jun;60(6):496–7

Integrating cost awareness with ethics in the undergraduate medical curriculum. Garland MJ. **J Med Educ** 1985 Jan; 60(1):44–52

Student-directed teaching of medical ethics at a Canadian medical school. Hayward RS, et al. **J Med Educ** 1985 May; 60(5):384–9

Bioengineers, health-care technology and bioethics. Saha S, et al. **J Med Eng Technol** 1985 Mar–Apr;9(2):55–60

What's in a name? [editorial] **J Med Ethics** 1985 Mar;11(1):4

Two concepts of medical ethics [editorial] **J Med Ethics** 1985 Mar;11(1):3

Medicine, profession and society [editorial] **J Med Ethics** 1985 Jun;11(2):59–60

Utilitarianism [editorial] **J Med Ethics** 1984 Sep;10(3):115–6, 123

Conscience, virtue, integrity and medical ethics [editorial]

J Med Ethics 1984 Dec;10(4):171-2, 190

Kicking against the pricks: two patients wish to end essential insulin treatment. **J Med Ethics** 1984 Dec;10(4):201-8

A rejection of doctors as moral guides. Ackroyd DE. **J Med Ethics** 1984 Sep;10(3):147

In defence of situational ethics, the NHS and the permissive society. Black D. **J Med Ethics** 1984 Sep;10(3):121

Iconoclastic ethics. Black D. **J Med Ethics** 1984 Dec;10(4):179-82

The positive aspects of medical ethics today. Boyd K. **J Med Ethics** 1984 Sep;10(3):122-3

Dignity and cost-effectiveness: a rejection of the utilitarian approach to death. Brooks SA. **J Med Ethics** 1984 Sep;10(3):148-51

Why you don't owe it to yourself to seek health. Gorovitz S. **J Med Ethics** 1984 Sep;10(3):143-6

Medical ethics—a Christian view. Habgood JS. **J Med Ethics** 1985 Mar;11(1):12-3

Advice on good practice from the Standards Committee. Happel JS. **J Med Ethics** 1985 Mar;11(1):39-41

Arresting but misleading phrases. Harris J. **J Med Ethics** 1984 Sep;10(3):155-7

Intended goals and appropriate treatment: an alternative to the ordinary/extraordinary distinction. Meyers C. **J Med Ethics** 1984 Sep;10(3):128-30

Medical ethics: an excuse for inefficiency? Mooney G. **J Med Ethics** 1984 Dec;10(4):183-5

Two sets of ten commandments for obstetricians [letter] Odent M. **J Med Ethics** 1985 Mar;11(1):53

A workshop on medical ethics at the College of Medicine. Lagos University. Olukoya AA. **J Med Ethics** 1984 Dec;10(4):199-200

Paternalism and partial autonomy. O'Neill O. **J Med Ethics** 1984 Dec;10(4):173-8

Dignity and cost-effectiveness: analysing the responsibility for decisions in medical ethics. Robertson GS. **J Med Ethics** 1984 Sep;10(3):152-4

The restoration of medical ethics. Rogers A. **J Med Ethics** 1984 Sep;10(3):117-20

Patients' ethical obligation for their health. Sider RC, et al. **J Med Ethics** 1984 Sep;10(3):138-42

Medical ethics and medical practice: a social science view. Stacey M. **J Med Ethics** 1985 Mar;11(1):14-8

Rejoinder to 'medicine as patriarchal religion'. Abrams FR. **J Med Philos** 1984 Aug;9(3):313-20

Roles and responsibilities: theoretical issues in the definition of consultation liaison psychiatry. Agich GJ. **J Med Philos** 1985 May;10(2):105-26

Lay obligations in professional relations. Benjamin M. **J Med Philos** 1985 Feb;10(1):85-103

Response to Rebecca Dresser's 'Involuntary confinement: legal and psychiatric perspectives'. Callahan JC. **J Med Philos** 1985 May;10(2):199-202

Excuse me, but you have a melanoma on your neck! Unsolicited medical opinions. Moseley R. **J Med Philos** 1985 May;10(2):163-70

The 'right' not to know. Ost DE. **J Med Philos** 1984 Aug;9(3):301-12

Unsolicited medical opinion. Ratzan RM. **J Med Philos** 1985 May;10(2):147-62

Women, medicine and religion: a response to Raymond and Abrams. Rawlinson MC. **J Med Philos** 1984 Aug;9(3):321-6

Philosophical aspects of brain death. Spicker SF. **J Med Philos** 1984 Nov;9(4):373-5

Lay medical ethics. Veatch RM. **J Med Philos** 1985 Feb;10(1):1-5

Ethics and technology. Chinard FP. **J Med Soc NJ** 1985 Feb;82(2):119-23

Participatory ethics committees: a model for lay and medical collaboration. Fennelly JF. **J Med Soc NJ** 1985 Jan;82(1):28-30

Hippocrates or David Stockman? The days of complacency are over. Fioretti RJ. **J Med Soc NJ** 1985 Jun;82(6):447-9

Spare-part surgery: the ethics of organ transplantation. Bryant DD 3d. **J Natl Med Assoc** 1985 Feb;77(2):113-7

Making the scientific ethical. Wilson HS. **J Nurs Adm** 1984 Nov;14(11):6-7

Autonomy revisited: progress in medical ethics: discussion paper. Brody H. **J R Soc Med** 1985 May;78(5):380-7

Medical ethics, etiquette, and discipline in a competitive environment. Burkhart JH. **J Tenn Med Assoc** 1984 Sep;77(9):531-3

Guidelines for ethics committees in health care institutions. Judicial Council. **JAMA** 1985 May 10;253(18):2698-9

Predicting the outcome from hypoxic-ischemic coma: medical and ethical implications [editorial] Black PM. **JAMA** 1985 Sep 6;254(9):1215-6

The physician's oath and the prevention of nuclear war. Cassel CK, et al. **JAMA** 1985 Aug 2;254(5):652-4

Hospital ethics committees. Administrative aspects. Fost N, et al. **JAMA** 1985 May 10;253(18):2687-92

Ethics and cost containment [letter] McMahon JA. **JAMA** 1985 Apr 5;253(13):1875-6

Relevance and utility of courses in medical ethics. A survey of physicians' perceptions. Pellegrino ED, et al. **JAMA** 1985 Jan 4;253(1):49-53

Hospital medical ethics committees: a review of their development. Rosner F. **JAMA** 1985 May 10;253(18):2693-7

Primacy among the primates: killing chimpanzees to help humans [letter] Warshauer DM. **JAMA** 1985 Jul 19;254(3):356

Medical problems at birth and death. Takagi K. **Jpn J Med** 1984 Aug;23(3):268-9

Feebleness in South Africa [editorial] **Lancet** 1985 Jul 20;2(8447):136

Markets in kidneys [letter] **Lancet** 1984 Dec 8;2(8415):1344

Qualms about innovative surgery [editorial] **Lancet** 1985 Jan 19;1(8421):149

Embryo research [editorial] **Lancet** 1985 Feb 2;1(8423):255-6

Can first-trimester fetal diagnosis be reliably evaluated? [editorial] **Lancet** 1985 Mar 30;1(8431):735-6

The Biko case: an appeal [letter] Hoffenberg R. **Lancet** 1984 Nov 17;2(8412):1158

Embryo research [letter] Martin TJ. **Lancet** 1985 Mar 30;1(8431):759

Confidentiality in a case-report [letter] Morgan C. **Lancet** 1985 Mar 16;1(8429):644

Surgery runs amok [editorial] Brass A. **Med J Aust** 1984 Sep 15;141(6):330

Medical ethics: principles and practice [editorial] Charlesworth M. **Med J Aust** 1985 Aug 5;143(3):95-6

Public health, public policy and 'neon' issues in ethics. Hicks N. **Med J Aust** 1985 Aug 5;143(3):104-7

Ethics in epidemiological research [editorial] McMichael AJ. **Med J Aust** 1985 May 13;142(10):537-8

To kill or let die? [letter] Pollard B. **Med J Aust** 1985 Jul 8;143(1):48

Snake in the grass roots [letter] Stuckey G. **Med J Aust** 1985 Mar 4;142(5):326

Man in space—ethical dilemmas. Goode AW. **Med Sci Law** 1985 Jan;25(1):49-52

The meaning of informed consent. Brody H. **Mich Med** 1984 Nov;83(51):557-8

Confidentiality in military medicine. Auster SL. **Milit Med** 1985 Jul;150(7):341-6

Ethical issues in combat psychiatry. Colbach EM. **Milit Med** 1985 May;150(5):256-65

Physicians contemplate the ethics and economics of health care. Report of the MMA Ad Hoc Work Group on 'Price of Life' report. **Minn Med** 1985 Aug;68(8):617-28

Institutional ethics committee's roles, responsibilities, and benefits for physicians. Committee on Ethics and Medical-legal Affairs. **Minn Med** 1985 Aug;68(8):607-12, 605

The price of life: ethics and economics. **Minn Med** 1985 Feb;68(2):139-43

The price of life: ethics and economics. Critique of the report issued by the Minnesota Coalition on Health Care Costs. Bell DC. **Minn Med** 1985 Feb;68(2):145-50

The ethics of professional regulation by the state boards [letter] **N Engl J Med** 1985 Aug 8;313(6):390-1

Basic curricular goals in medical ethics [letter] **N Engl J Med** 1985 Aug 15;313(7):456-7

Ethicists in the hospital [letter] **N Engl J Med** 1985 Jan 17;312(3):188-9

Basic curricular goals in medical ethics. Culver CM, et al. **N Engl J Med** 1985 Jan 24;312(4):253-6

The doctor's master. Levinsky NG. **N Engl J Med** 1984 Dec 13;311(24):1573-5

Tarnishing the medical profession's image [letter] Sivarajan M. **N Engl J Med** 1985 Apr 25;312(17):1132

Law's influence on medicine and medical ethics. Stone AA. **N Engl J Med** 1985 Jan 31;312(5):309-12

Psychosocial and ethical implications of organ retrieval. Youngner SJ, et al. **N Engl J Med** 1985 Aug 1;313(5):321-4

Embryo's right to protection [letter] **Nature** 1985 May 9-15;315(6015):92

When does life begin? [letter] **Nature** 1985 Apr 11-17;314(6011):492

UK embryo research: embryo protection bill resurfaces [news] Clarke M. **Nature** 1985 Jun 13-19;315(6020):534

Status of IVF embryos [letter] Goodhart CB. **Nature** 1985 Mar 14-20;314(6007):126

Scientists' oath? [letter] Howard J. **Nature** 1984 Nov 8-14;312(5990):96

Medical economics, ethics, and education: some old wines in new bottles. Hamolsky MW. **NC Med J** 1985 Mar;46(3):129-35

Protesting the proposed federal regulations for critically sick infants. Kopelman LC. **NC Med J** 1985 May;46(5):265-9

Thoughts on the beliefs of religious and medical institutions. Warshauer AD. **NC Med J** 1985 Jan;46(1):29-32

'Medicine in transition'. The moral and ethical dilemmas. Reese HE. **Nebr Med J** 1984 Oct;69(10):340-1

Medical ethics in neurology and neurosurgery. Black PM. **Neurol Clin** 1985 May;3(2):215-28 (42 ref.)

Ethical problems in community treatment of the chronically mentally ill. Diamond RJ, et al. **New Dir Ment Health Serv** 1985 Jun;(26):85-93

Appraisal of values in the choice of treatment. Gortner SR, et al. **Nurs Res** 1984 Nov-Dec;33(6):319-24

Abortion and medical discipline [letter] **NZ Med J** 1985 May 8;98(778):348

Abortion and medical discipline [letter] Duncanson FR. **NZ Med J** 1985 Apr 10;98(776):251

Abortion and medical discipline [letter] Fitzsimons KB, et al. **NZ Med J** 1985 Jun 26;98(781):507-8

Cardiopulmonary resuscitation in hospital. Leslie PN. **NZ Med J** 1984 Nov 14;97(767):768-9

Perinatal ethics: a practical method of analysis of obligations to mother and fetus. Chervenak FA, et al. **Obstet Gynecol** 1985 Sep;66(3):442-6

The right to die: your rights, your patient's rights. Edwards KS. **Ohio State Med J** 1985 Jan;81(1):17-18, 20-1

Ethics in the eighties: contrasts and conflicts. Porter S. **Ohio State Med J** 1985 Feb;81(2):82-5

Ethics and the elderly—care at what cost? Porter S. **Ohio State Med J** 1985 Jun;81(6):400-7

Human experimentation. Is it ethical? White RJ. **Ohio State Med J** 1985 Jun;81(6):387-9, 392

Advisory opinions on the Code of Ethics of the American Academy of Ophthalmology. **Ophthalmology** 1984 Oct;91(10):1285-96

Changes in medicine cause ethical problems. Poole R 3d. **Pa Med** 1985 Jun;88(6):51-2

Ethical considerations in clinical research [editorial] Jamrozik K. **Papua New Guinea Med J** 1984 Mar;27(1):4-6

The fetus—law, ethics and experimentation [editorial] Bromberger B. **Pathology** 1985 Jan;17(1):1-3

Infant bioethics committees [letter] Donovan EF. **Pediatrics** 1985 Feb;75(2):368-71

Ethical dilemmas in medicine. Menniti DJ. **Penn Med** 1984 Nov;87(11):47-8, 50

Telling the truth in medical practice [editorial] Smith DA. **Penn Med** 1984 Oct;87(10):10

'Therefore choose life': reconciling medical and environmental bioethics. Clements CD. **Perspect Biol Med** 1985 Spring;28(3):407-23

Factitious illness: an exploration in ethics. Meropol NJ, et al. **Perspect Biol Med** 1985 Winter;28(2):269-81

Who Should Decide? Paternalism in Health Care, by James F. Childress. Siegler M. **Perspect Biol Med** 1985 Spring;28(3):452-6

Medicine as a dependent tradition: historical and ethical reflections. Vance R. **Perspect Biol Med** 1985 Winter;28(2):282-302 (62 ref.)

Patients: character-building teachers. Asper SP. **Pharos** 1985 Summer;48(3):28-30

High-tech cardiology—issues and costs: a panel discussion. Atkins GL, et al. **Pharos** 1985 Summer;48(3):31-7

Morality and medicine on the modern stage. Belli A. **Pharos** 1984 Fall;47(4):11-6

Regulation vs. autonomy: matching ethics and technology in medical practice. Castro M. **Pharos** 1984 Fall;47(4):6-10

The ethics of brain death: thoughts of a neurosurgeon considering retirement. Nilges RG. **Pharos** 1984 Spring;47(2):34-5

Social censorship of medical and ethical decisions. Thomasma DC, et al. **Pharos** 1985 Summer;48(3):22-6

Contemporary medical ethics. Would Hippocrates approve—or even understand? Doherty DJ. **Postgrad Med** 1985 Feb 15;77(3):212-6

Decision making in the critically ill patient. Beechler CR, et al. **Primary Care** 1985 Jun;12(2):341-52

Ethical aspects of a controlled clinical trail of chorion biopsy approach to prenatal diagnosis. Fletcher JC. **Prog Clin Biol Res** 1985;177:213-48

Ethical aspects of medical genetics. A proposal for guidelines in genetic counseling, prenatal diagnosis and screening. Fletcher JC, et al. **Prog Clin Biol Res** 1985;177:511-23

Ethics in psychiatry: a view from the clinic. Hassenfeld IN, et al. **Psychiatr Q** 1984 Summer;56(2):157-63

Ten commandments of medical etiquette for psychiatrists. Pasnau RO. **Psychosomatics** 1985 Feb;26(2):128-32

Human gene therapy: scientific and ethical considerations. Anderson WF. **Recomb DNA Tech Bull** 1985 Jun;8(2):55-63

Facial surgery and an active modification approach for children with Down syndrome: some psychological and ethical issues. Mearig JS. **Rehabil Lit** 1985 Mar-Apr;46(3-4):72-7

New perspectives concerning do-not-resuscitate orders. Gidley TD, et al. **RI Med J** 1984 Dec;67(12):553-4

Ethical implications of cost containment [editorial] **S Afr Med J** 1985 Mar 30;67(13):481-2

Legal and ethical obligations and medical training [letter] du Toit GT. **S Afr Med J** 1985 Aug 17;68(4):213-4

Protection of computerized medical data—a problem? van der Poel KG, et al. **S Afr Med J** 1985 Jul 20;68(2):106-9

The nature of life and the nature of death. Brooks CM. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):133-45

Bioethics and health care in industrial society. Tsuchiya K. **Sangyo Ika Daigaku Zasshi** 1984 Jun 1;6(2):177-91

Ethical considerations in and beyond experimental fetal therapy. Fletcher JC. **Semin Perinatol** 1985 Jul;9(2):130-5

Unsung questions of medical ethics. Barnard D. **Soc Sci Med** 1985;21(3):243-9

The contribution of ethics and psychology to medicine. Bergsma J, et al. **Soc Sci Med** 1985;20(7):745-52

Which infants should live? On the usefulness and limitations of Robert Weir's Selective Nontreatment of Handicapped Newborns. Churchill LR. **Soc Sci Med** 1985;20(11):1097-102

Selecting neonatal ethics. Frader JE. **Soc Sci Med** 1985;20(11):1085-90

Selective nontreatment of handicapped newborns: a critical essay. Kohrman AF. **Soc Sci Med** 1985;20(11):1091-5

Why solutions continue to elude us. Murray TH. **Soc Sci Med** 1985;20(11):1103-7

What is unnecessary surgery? Who shall decide? Issues of consumer sovereignty, conflict and self-regulation. Schacht PJ, et al. **Soc Sci Med** 1985;20(3):199-206

Selective nontreatment—one year later: reflections and a response. Weir RF. **Soc Sci Med** 1985;20(11):1109-17

Ethical issues in treatment of patients with end-stage renal disease. Macklin R. **Soc Work Health Care** 1984 Summer;

9(4):11-20

A social work perspective on ethical practice in end-stage renal disease. Mailick MD, et al. **Soc Work Health Care** 1984 Summer;9(4):21-31

What is a profession? The ethical implications of the FTC order and some Supreme Court decisions. Pellegrino ED. **Surv Ophthalmol** 1984 Nov-Dec;29(3):221-5

Code of ethics for the University of Texas System Cancer Center M.D. Anderson Hospital and Tumor Institute. van Eys J, et al. **Tex Med** 1985 Jun;81(6):41-3

Medicine and the law. Peer review of fees—1985 update. Young MG. **Tex Med** 1985 Jun;81(6):78-80

Medical ethics and the two dogmas of liberalism. Ackerman TF. **Theor Med** 1984 Feb;5(1):69-81

The practice of medical ethics: a structuralistic approach. Ellos WJ. **Theor Med** 1984 Oct;5(3):333-43

Ethical problems in arguments from potentiality. Kottow M. **Theor Med** 1984 Oct;5(3):293-305

What does medicine contribute to ethics? Thomasma DC. **Theor Med** 1984 Oct;5(3):267-77

Sandra Day O'Connor and the justification of abortion. Werhane PH. **Theor Med** 1984 Oct;5(3):360-3

AIDS, ethics, and the blood supply. A report of a conference of the American Blood Commission and the Hastings Center, Institute of Society, Ethics and the Life Sciences, January 29 and 30, 1985. Miller WV, et al. **Transfusion** 1985 Mar-Apr;25(2):174-5

Transplantation. Social and ethical considerations. **Transplant Proc** 1985 Feb;17(1 Pt 2):1567-96

Animal rights [letter] Roberts J. **Vet Rec** 1985 Mar 23; 116(12):331-2

What is extraordinary life support? Jonsen AR. **West J Med** 1984 Sep;141(3):358-63

'Baby Doe'—a medical ethical issue. Lang GC. **West J Med** 1985 Jun;142(6):837-41

Ethical decision-making in the care of seriously ill patients. Pohlmann GP. **Wis Med J** 1985 Feb;84(2):25-31

[Ethics and diagnosis] Pacovský V. **Cas Lek Cesk** 1985 May 3;124(18):548-50 (Eng. Abstr.) (Cze)

[Characteristics of medical ethics in childhood and adolescence] Rubin A. **Cas Lek Cesk** 1985 May 31; 124(22):673-6 (Cze)

[Physicians of disgrace] Wondrák E. **Cas Lek Cesk** 1984 Aug 3;123(31):969-72 (Cze)

[Ethics and health care problems in patients with chronic apallic syndromes] Macek Z, et al. **Cesk Neurol Neurochir** 1985 Mar;48(2):104-9 (Eng. Abstr.) (Cze)

[Ethical problems in neonatal intensive care] Stejskal J. **Cesk Pediatr** 1984 Jul;39(7):414-7 (Eng. Abstr.) (Cze)

[Donor insemination and the human viewpoint] Christiaens M. **Ned Tijdschr Geneeskd** 1984 Oct 27;128(43):2051-5 (Dut)

[Ethical aspects of in-vitro fertilization; a critical reaction to the interim recommendation of the Public Health Council concerning in vitro fertilization] Fretz L. **Ned Tijdschr Geneeskd** 1985 Mar 2;129(9):393-5 (Eng. Abstr.) (Dut)

[Studies of fetal tissues: is it allowed?] Galjaard H. **Ned Tijdschr Geneeskd** 1984 Dec 1;128(48):2276-7 (Eng. Abstr.) (Dut)

[The physician and torture] Romme MA. **Ned Tijdschr Geneeskd** 1984 Dec 15;128(50):2358-60 (Dut)

[Health ethics and principles of medicine] Sporken CP, et al. **Ned Tijdschr Geneeskd** 1984 Dec 22;128(51):2387-90 (Dut)

[Policy, ethics and values in health care] ten Have HA, et al. **Ned Tijdschr Geneeskd** 1985 Jun 8;129(23):1102-5 (Dut)

[The stakes in psychiatric hospitalization. Is an ethical approach possible?] Lapy B. **Acta Psychiatr Belg** 1984 Sep-Oct;84(5):439-51 (Eng. Abstr.) (Fre)

[Ethical and legal problems posed by the computerized recording of psychiatric clinical information in France] Pascalis G, et al. **Ann Med Psychol (Paris)** 1984 Jun; 142(6):907-13 (Fre)

[Medical ethics and scientific research] Thomas R. **Arch Belg** 1984;42(7-8):390-9 (Fre)

[Ethics of randomization] Arpaillange P, et al. **Biomed Pharmacother** 1984;38(9-10):426-9 (Fre)

[Ethics of phase II studies] Dion S. **Biomed Pharmacother** 1984;38(9-10):425 (Fre)

[Ethics of phase I studies] Durry G, et al. **Biomed Pharmacother** 1984;38(9-10):423-4 (Fre)

[Medical ethics can only be absolute (editorial)] Mathé G. **Biomed Pharmacother** 1984;38(9-10):422-3 (Fre)

[Medical ethics in genetic counseling] Pierson M. **J Genet Hum** 1984 Sep;32(4):251-5 (Eng. Abstr.) (Fre)

[Ethical problems of prenatal diagnosis (letter)] Maroteaux P. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(5):581-2 (Fre)

[Usefulness of a decision with serious consequences] Jeanty C. **Rev Med Brux** 1985 May;6(5):357-63 (Eng. Abstr.) (Fre)

[Ethical problems in neonatology] Gautier A. **Rev Med Suisse Romande** 1985 Jun;105(6):541-6 (Fre)

[The medical secret and delinquent patients] Restellini JP. **Rev Med Suisse Romande** 1985 Jan;105(1):39-44 (Fre)

[Medical ethics and the expert physician] Vedrinne J. **Rev Med Suisse Romande** 1985 Jan;105(1):1-3 (Fre)

[Clinical ethics: the work of the physician] Roy DJ. **Union Med Can** 1985 May;114(5):358-9 (Fre)

[Bioethics, the science of medical morals] Funck-Brentano JL. **Verh K Acad Geneeskd Belg** 1984;46(3):187-205 (Eng. Abstr.) (Fre)

[Principles of medical ethics] **WHO Chron** 1983;37(3):91-2 (Fre)

[Artificial respiration: yes or no? Ethical reflections on border-line questions in intensive care medicine] Salomon F. **Anaesth Intensivther Notfallmed** 1985 Jun;20(3):143-6 (Eng. Abstr.) (Ger)

[The chief physician's right to command in the treatment of dying patients] Rieger HJ. **Dtsch Med Wochenschr** 1985 Mar 1;110(9):353-4 (Ger)

[On the dilemma of hunger strike, force feeding and medical responsibility] Förster H. **Fortschr Med** 1985 Mar 28; 103(12):73-5 (Ger)

[What Baby Fae should teach us (editorial)] Girstenbrey W. **Fortschr Med** 1984 Dec 6;102(45):Suppl 12-3 (Ger)

[Principles of medical ethics—attempt at status determination. Argument with the concept of euthanasia] Groos E, et al. **Fortschr Med** 1985 Jan 17;103(3):67-9 (Ger)

[Prenatal human life and unwanted pregnancy: our medical responsibility] Petersen P. **Geburtshilfe Frauenheilkd** 1984 Sep;44(9):599-603 (Eng. Abstr.) (Ger)

[Fetal therapy. Ethical problems as a result of prenatal diagnosis] Piechowiak H. **Geburtshilfe Frauenheilkd** 1985 Feb;45(2):67-72 (Eng. Abstr.) (Ger)

[Medical ethics from the viewpoint of the lawyer] Laufs A. **Lebensversicherungsmedizin** 1984 Oct 5;36(8):169-70 (Ger)

[Genetic technology today. Concepts and uses from the ethical viewpoint] Böckle F. **Pathologe** 1984 Dec;5(6):293-7 (Ger)

[Ethical principles and moral norms of psychiatric care in a socialistic society] Späte HF, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Jul;36(7):385-94 (Eng. Abstr.) (Ger)

[Prognosis disclosure to the dying patient] Meister H. **Z Gesamte Inn Med** 1984 Nov 15;39(22):555-6 (Eng. Abstr.) (Ger)

[Helping to die—helping to live in the boundary between life and death] Ruhnau KJ, et al. **Z Gesamte Inn Med** 1984 Nov 15;39(22):556-8 (Eng. Abstr.) (Ger)

[What attitude to dying do we have today?] Steinbach G, et al. **Z Gesamte Inn Med** 1984 Nov 15;39(22):553-4 (Eng. Abstr.) (Ger)

[Forensic medicine and clinical research] Berg S. **Z Rechtsmed** 1984;92(4):247-54 (Eng. Abstr.) (Ger)

[Problems of ethics in research and practice in reproduction medicine] Wilken H, et al. **Zentralbl Gynakol** 1984; 106(22):1473-82 (Eng. Abstr.) (Ger)

[Ethical implications of scientific human experiments] Nyerges G. **Orv Hetil** 1985 Jun 16;126(24):1451-8 (Eng. Abstr.) (Hun)

[Medical ethics: an open problem (with a suggestion)] Villa L. **Minerva Med** 1985 Jun 30;76(26-27):1253-6 (Ita)

[Psychiatric medicine in crisis: legal and ethical views] Terashima S. **Seishin Shinkeigaku Zasshi** 1985;87(1):13-9 (Jpn)

[A physician's duties—an introduction to a discussion] Marek Z. **Przegl Lek** 1984;41(11):641-5 (Eng. Abstr.) (Pol)

[Deontological problems of studying the working conditions and health status of medical workers] Kaptsov VA. **Gig Tr Prof Zabol** 1985 Mar;(3):39-41 (Rus)

[Medical deontology] Severova Ela, et al. **Sov Med** 1984; (10):61-4 (Rus)

[Deontological problems in the work of the infectious disease specialist] Andreichin MA. **Ter Arkh** 1984;56(9):112-4 (Eng. Abstr.) (Rus)

[Problems of deontology and psychotherapy in pulmonology] Ubaidullaev AM, et al. **Ter Arkh** 1985;57(3):108-10 (Eng. Abstr.) (Rus)

[Achievements and tasks in the field of medical ethics in East Germany] Lüter E. **Vestn Akad Med Nauk SSSR** 1985; (5):79-84 (Rus)

[The problem of the ethos and professional ethics of medical workers in the Polish People's Republic] Maslińska G. **Vestn Akad Med Nauk SSSR** 1985;(5):74-9 (Rus)

[Various aspects of surgical deontology] Uglov FG. **Vestn Khir** 1984 Oct;133(10):5-12 (Rus)

[Ethical norms and deontological principles in conducting a health inspection] Varaksin VS. **Voen Med Zh** 1985 Jun; (6):62-4 (Rus)

[Role of the teaching of deontology to therapists in advanced training institutes for physicians] Andrushchenko EV, et al. **Vrach Delo** 1984 Oct;(10):120-1 (Rus)

[Man between hope and peril in modern medicine] Nikoliš G. **Glas Srp Akad Nauka [Med]** 1981;(33):18-31 (Eng. Abstr.) (Scr)

[The importance of training physicians to work according to common good management practices] Kurajica L, et al. **Lijec Vjesn** 1984 Sep;106(9):390-4 (Eng. Abstr.) (Scr)

[The rights and responsibilities of patients] Radovančević L. **Lijec Vjesn** 1985 May;107(5):219-21 (Scr)

[Ethical norms and problems in surgery] Filip M. **Rozhl Chir** 1985 Jan;64(1):1-6 (Eng. Abstr.) (Slo)

[The teaching of medical ethics in the medical schools] Rodrigues Coura J. **Bol Chil Parasitol** 1984 Jan-Jun; 39(1-2):2-5 (Eng. Abstr.) (Spa)

[Ethical aspects in the publishing of medical periodicals (editorial)] Velásquez-Jones L. **Bol Med Hosp Infant Mex** 1985 May;42(5):285-6 (Spa)

[Ethics and medicine] Sepúlveda B, et al. **Gac Med Mex** 1984 Jul-Aug;120(7-8):269-80 (Spa)

[Concepts on ethics in pediatrics] Acta EK. **Rev Chil Pediatr** 1984 May-Jun;55(3):212-5 (Spa)

[Statement of the Latin American Association of Academies of Medicine on ethics in medicine] **Rev Med Chil** 1984 Oct; 112(10):1063-6 (Spa)

[Ethical code of the Chilean Medical Association] **Rev Med Chil** 1984 May;112(5):516-22 (Spa)

[Human experimentation, human rights and medical ethics] Cabello F. **Rev Med Chil** 1984 Sep;112(9):931-4 (Eng. Abstr.) (Spa)

[Ethics and the Regional College of Santiago of the Medical College of Chile] Jarpa A. **Rev Med Chil** 1983 Jul; 111(7):755-8 (Spa)

EDUCATION

Current arrangements for teaching medical ethics to undergraduate medical students. Bicknell DJ. **J Med Ethics** 1985 Mar;11(1):25-6

The General Medical Council and medical ethics. Crisp AH. **J Med Ethics** 1985 Mar;11(1):6-7

Methods of teaching medical ethics at the University of Nottingham. Fentem PH. **J Med Ethics** 1985 Mar; 11(1):27-8

The teaching of medical ethics from a junior doctor's viewpoint. Law SA. **J Med Ethics** 1985 Mar;11(1):37-8

Are we teaching students that patients don't matter? Robinson J. **J Med Ethics** 1985 Mar;11(1):19-21, 26

Self help in medical ethics. Shotter E. **J Med Ethics** 1985 Mar;11(1):32-4

The teaching of medical ethics. Smith A. **J Med Ethics** 1985 Mar;11(1):35-6

A model for teaching medical ethics. Welbourn RB. **J Med Ethics** 1985 Mar;11(1):29-31

Teaching medical ethics in other countries. Wolstenholme G. **J Med Ethics** 1985 Mar;11(1):22-4

HISTORY

The German euthanasia programme [letter] Caughey JE. **NZ Med J** 1985 Jul 10;98(782):555-6

Baby Doe, et al. Linenthal AJ. **Pharos** 1984 Summer;47(3):44

From the history of the Soviet medical oath. Kozlov AM. **Sante Publique (Bucur)** 1984;27(2):141-6

[Historical limitations on the quality of medical responsibility for the preservation of human life and care of the dying] Schimming I, et al. **Z Arztl Fortbild (Jena)** 1984; 78(16):693-4 (Ger)

[Medical ethics in the life of a physician of the soul—reflections on the medical ethics concept of Albert Moll (1862-1936)] Hahn S. **Z Gesamte Inn Med** 1984 Nov 15;39(22):558-61 (Eng. Abstr.) (Ger)

[Prof. Ksawery Rowiński (1904-1983) and his scientific activities (an obituary note)] Ostrowska T. **Arch Hist Med (Warsz)** 1984;47(3):327-48 (Eng. Abstr.) (Pol)

[The concept of the human being and the ethos of the psychiatrist in the works of Antoni Kepiński] Stelmaszczyk T. **Psychiatr Pol** 1984 Sep-Oct;18(5):487-95 (Pol)

[Hippocrates and the present time] Kozlov AM, et al. **Sov Med** 1985;(4):118-20 (Rus)

[History of the 'Oath of the Soviet physician'] Kuz'min MK. **Sov Med** 1984;(8):117-9 (Rus)

[Deontologic problems in the works of Academician of the USSR Academy of Medical Sciences of the USSR I. A. Kassirskiĭ] Zhuravleva TV, et al. **Sov Zdravookhr** 1984; (10):56-7 (Rus)

ETHICS, NURSING

Code of ethics: fact or fiction [letter] Miller JI. **Am J Nurs** 1985 Jun;85(6):651

Ethics. Deciding whether to give or withhold information. Fenner KM. **AORN J** 1985 Aug;42(2):278-80

The effect of quality of life and sanctity of life on clinical decision making. Taylor SG. **AORN J** 1985 May;41(5):924, 926, 928

Learning to practice ethically synonymous with being a professional. Thompson HO, et al. **AORN J** 1984 Nov; 40(5):778-82

Ethical dilemmas and nursing. Helm A. **Aviat Space Environ Med** 1984 Aug;55(8):754-8

Factors influencing comprehension of information for informed consent: ethical implications for nursing research. Silva MC, et al. **Int J Nurs Stud** 1984;21(4):233-40

Values clarification: a critique. Bernal EW, et al. **J Nurs Educ** 1985 Apr;24(4):174-5

Flies in the ointment. An ethical perspective on dual relationships in psychosocial nursing education. Ivan M, et al. **Nurs Outlook** 1985 Jan-Feb;33(1):9-10, 47

Professional and bureaucratic role conceptions and moral behavior among nurses. Ketefian S. **Nurs Res** 1985 Jul-Aug;34(4):248-53

Ethical decision making in a bureaucratic context by senior nursing students. Swider SM, et al. **Nurs Res** 1985 Mar-Apr;34(2):108-12

ETHICS, PHARMACY

Ethics and integrity of the drug supply [editorial] Zellmer WA. **Am J Hosp Pharm** 1985 Aug;42(8):1715

ETHICS, PROFESSIONAL

Ethics in epidemiologic studies [letter] **Am J Psychiatry** 1985 Apr;142(4):515–6

Research performed upon the mass-media stage—questions of reliability and ethics [editorial] Lesse S. **Am J Psychother** 1985 Jan;39(1):1–3

Research using intentional deception. Ethical issues revisited. Baumrind D. **Am Psychol** 1985 Feb;40(2):165–74

Ethics. A perspective on the proper use of placebos in research and therapy. Geden EA. **AORN J** 1984 Dec;40(6):912–6

Protecting human subjects involved in research. Murphy EK. **AORN J** 1985 May;41(5):946–9

Nurses belong at the table of the ethics committee. Rothrock JC. **AORN J** 1985 Mar;41(3):527–8

Ethics in clinical chemistry [editorial] Woodford FP. **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1244–5

Ethical considerations in toxicology. Zbinden G. **Food Chem Toxicol** 1985 Feb;23(2):137–8

Ethical issues in a heart transplant program. Marsden C. **Heart Lung** 1985 Sep;14(5):495–9

My role as a clinical investigator and consultant to industry and the Food and Drug Administration (FDA) [letter] Weinberger M. **J Allergy Clin Immunol** 1985 Jan;75(1 Pt 1):100

Refusal to treat and refusal to continue treatment. Hannah HW. **J Am Vet Med Assoc** 1985 Apr 1;186(7):666, 668

The decision to publish. Ethical dilemmas. Shapiro S. **J Chronic Dis** 1985;38(4):365–72

I never promised you a rose garden. But I must remember to tell you about the thorns. Trotter CM. **J Psychosoc Nurs Ment Health Serv** 1985 Mar;23(3):15–7

Epidemiological research, interest groups, and the review process. Soskolne CL. **J Public Health Policy** 1985 Jun;6(2):173–84

The ethics of professional regulation. Feinstein RJ. **N Engl J Med** 1985 Mar 21;312(12):801–4

Scientists' oath? [letter] Howard J. **Nature** 1984 Nov 8–14;312(5990):96

Collective responsibility in interdisciplinary collaboration: an ethical perspective for social workers. Abramson M. **Soc Work Health Care** 1984 Fall;10(1):35–43

Ethical styles and ethical decisions in health settings. Goldmeier J. **Soc Work Health Care** 1984 Fall;10(1):45–60

Ethics and human-companion animal interaction. A plea for a veterinary ethics of the human-companion animal bond. Tannenbaum J. **Vet Clin North Am [Small Anim Pract]** 1985 Mar;15(2):431–47

[Animal experiments and restriction of laboratory animals] Hendriksen CF. **Tijdschr Diergeneeskd** 1984 Oct 1;109(19):754–62 (Eng. Abstr.) (Dut)

[An ethical code for experimental research on animals] Lederer J. **Arch Belg** 1984;42(3–4):169–90 (Eng. Abstr.) (Fre)

[The professional independence of physicians] Villey R. **Bull Acad Natl Med (Paris)** 1984 Jan–Feb;168(1–2):218–23 (Fre)

[Some ethical aspects of psychotherapeutic work] Röhrborn H. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Jun;37(6):318–22 (Eng. Abstr.) (Ger)

ETHIDIUM

Increased stability of the higher order structure of chicken erythrocyte chromatin: nanosecond anisotropy studies of intercalated ethidium. Ashikawa I, et al. **Biochemistry** 1985 Mar 12;24(6):1291–7

Fluorescence-detected circular dichroism of ethidium in vivo and bound to deoxyribonucleic acid in vitro. Lamos ML, et al. **Biochemistry** 1985 Jun 4;24(12):2819–22

Diffusion-enhanced lanthanide energy-transfer study of DNA-bound cobalt(III) bleomycins: comparisons of accessibility and electrostatic potential with DNA complexes of ethidium and acridine orange. Wensel TG, et al. **Biochemistry** 1985 Jun 4;24(12):3060–9

Applications of fluorochromes to pollen biology. II. The DNA probes ethidium bromide and Hoechst 33258 in conjunction with the callose-specific aniline blue fluorochrome. Hough T, et al. **Stain Technol** 1985 May;60(3):155–62

[Use of immobilized ethidium bromide for the isolation and fractionation of DNA from solutions, biological fluids and cell lysates] Fedorov NA, et al. **Biokhimiia** 1984 Oct;49(10):1708–11 (Eng. Abstr.) (Rus)

ANALOGS & DERIVATIVES

Subcellular localization of photoreactive ethidium analogs in Trypanosoma brucei by fluorescence microscopy. Cox BA, et al. **J Parasitol** 1984 Oct;70(5):694–702

Effect of B-Z transition and nucleic acid structure on the conformational dynamics of bound ethidium dimer measured by hydrogen deuterium exchange kinetics. Markovits J, et al. **Nucleic Acids Res** 1985 May 24;13(10):3773–88

DIAGNOSTIC USE

Fluorogenic substrate detection of viable intracellular and extracellular pathogenic protozoa. Jackson PR, et al. **Science** 1985 Jan 25;227(4685):435–8

METABOLISM

A comparison of van't Hoff and calorimetric heats of binding to DNA using an ethidium selective electrode. Sauer BB, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):580–4

Membrane potential and surface potential in mitochondria: uptake and binding of lipophilic cations. Rottenberg H. **J Membr Biol** 1984;81(2):127–38

Subcellular localization of photoreactive ethidium analogs in Trypanosoma brucei by fluorescence microscopy. Cox BA, et al. **J Parasitol** 1984 Oct;70(5):694–702

PHARMACODYNAMICS

Conformations of alternating purine-pyrimidine DNAs in high-CsF solutions and their reversal by dipyrandium, ethidium and high temperature. Kypr J, et al. **Biochim Biophys Acta** 1985 Feb 15;838(2):244–51

Detection of primary antimitochondrial activity of drugs in cultured mammalian cells utilizing glutamine as the carbon source. Patel R, et al. **Exp Cell Biol** 1984;52(3):176–82

Effects of ethidium bromide on cells of the cockroach central nervous system. Leech CA. **J Cell Sci** 1984 Aug;70:17–24

Glial toxin effect on protein synthesis in an insect connective. Smith PJ, et al. **J Cell Sci** 1984 Aug;70:83–92

Inverse effects of ethidium bromide on superoxide dismutase and lactate dehydrogenase of Artemia salina embryos. Bremner TA, et al. **J Exp Zool** 1985 Apr;234(1):1–5

Effects of treatment of trypomastigote forms of Trypanosoma cruzi or host cells with ethidium bromide on cell infection and intracellular fate of the parasite. Lima MF, et al. **J Parasitol** 1984 Dec;70(6):911–7

Curing gonococci of beta-lactamase production with ethidium, acridine orange or acriflavine. Hafiz S, et al. **JPMA** 1985 Jun;35(6):171–4

Ethidium bromide-induced loss of mitochondrial DNA from primary chicken embryo fibroblasts. Desjardins P, et al. **Mol Cell Biol** 1985 May;5(5):1163–9

Trypanocidal drugs and the role of kidney forms of Trypanosoma (Herpetosoma) musculi in immunity of mice against reinfection. Dusanic DG. **Z Parasitenkd** 1985;71(1):19–31

[Differences between spleen and thymus cells of rats with respect to the effects of ethidium bromide on unscheduled DNA synthesis (DNA repair synthesis) and nucleoid sedimentation] Tempel K, et al. **Z Naturforsch [C]** 1984 Jun;39(6):601–5 (Eng. Abstr.) (Ger)

[The application of the automated fluorometric system to the measurement of lymphocyte transformation with ethidium bromide] Wakabayashi A, et al. **Rinsho Byori** 1985 Mar;33(3):303–7 (Jpn)

[Decreased rate of uridine and glycerin uptake in L cells resistant to ethidium bromide] Sal'nikov KV, et al. **Tsitologiia** 1984 Jun;26(6):699–705 (Eng. Abstr.) (Rus)

ETHIDIUM BROMIDE see **ETHIDIUM**

ETHINAMATE see under **CARBAMATES**

ETHINYL ESTRADIOL

Serum lipid and lipoprotein changes induced by new oral contraceptives containing ethinylestradiol plus levonorgestrel or desogestrel. Gaspard UJ, et al. **Contraception** 1985 Apr;31(4):395–408

Tri-Norinyl and Ortho-Novum 7/7/7—two triphasic oral contraceptives. **Med Lett Drugs Ther** 1984 Oct 12;26(672):93–4

Estrogen treatment for victims of rape [letter] **N Engl J Med** 1985 Apr 11;312(15):988–9

[Post-coital contraception using a combination of d-norgestrel and ethinyloestradiol] Chi Nguyen Duy, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(4):523–6 (Eng. Abstr.) (Fre)

ADMINISTRATION & DOSAGE

Development of a low-dose monthly injectable contraceptive system: I. Choice of compounds, dose and administration route. Garza-Flores J, et al. **Contraception** 1984 Oct;30(4):371–9

Interception II: postcoital low-dose estrogens and norgestrel combination in 633 women. Van Santen MR, et al. **Contraception** 1985 Mar;31(3):275–93

A comparison of high-dose estrogens versus low-dose ethinylestradiol and norgestrel combination in postcoital interception: a study in 493 women. Van Santen MR, et al. **Fertil Steril** 1985 Feb;43(2):206–13

[Clinical evaluation of Rigevidon used for contraception] Marianowski L, et al. **Ginekol Pol** 1984 Aug;55(8):631–5 (Eng. Abstr.) (Pol)

ADVERSE EFFECTS

Mesenteric vein thrombosis associated with oral contraceptive administration during pregnancy. Friedman M, et al. **Ann Chir Gynaecol** 1984;73(5):296–8

Retinal manifestations of thrombotic thrombocytopenic purpura (TTP) following use of contraceptive treatment. Snir M, et al. **Ann Ophthalmol** 1985 Feb;17(2):109–12

Pulmonary hypertension, systemic lupus erythematosus, and the contraceptive pill. Todd GR, et al. **Ann Rheum Dis** 1985 Apr;44(4):266–7

Comparative metabolic effects of oral contraceptive preparations containing different progestagens. Effects of desogestrel + ethinylestradiol on the haemostatic balance. Rákóczi I, et al. **Arzneimittelforsch** 1985;35(3):630–3

Follow-up of prolactin levels in long-term oestrogen-treated male-to-female transsexuals with regard to prolactinoma induction. Gooren LJ, et al. **Clin Endocrinol (Oxf)** 1985 Feb;22(2):201–7

Vitamin metabolism and the effects of multivitamin supplementation in oral contraceptive users. Amatayakul K, et al. **Contraception** 1984 Aug;30(2):179–96

Fibrinopeptide A plasma levels during low-estrogen oral contraceptive treatment. Melis GB, et al. **Contraception** 1984 Dec;30(6):575–83

The relation between Trichomonas vaginalis and contraceptive measures. el-Boulaqi HA, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):495–9

Activation of PRL secretion by combined treatment with cyproterone acetate and ethinylestradiol. Valenti G, et al. **J Endocrinol Invest** 1985 Jun;8(3):269–72

[Correlation between thrombolytic therapy and liver rupture?] Pansold E, et al. **Z Arztl Fortbild (Jena)** 1985;79(13):575–6 (Ger)

[Hepatoblastoma in an infant after Estroprogestational intake by the mother during pregnancy] Pilotti G, et al. **Pediatr Med Chir** 1984 Mar–Apr;6(2):323–5 (Eng. Abstr.) (Ita)

[Thrombocyte aggregation during hormonal treatment of dysfunctional uterine hemorrhage] Mel'nikova VS, et al. **Lab Delo** 1985;(2):98–9 (Eng. Abstr.) (Rus)

[Carpal tunnel syndrome caused by oral contraceptives (letter)] Tordesillas Lia C, et al. **Rev Clin Esp** 1985 Jun;177(1):46 (Spa)

ANALOGS & DERIVATIVES

[Effect of ethinyl estradiol sulfonate on the urethral epithelium after bilateral oophorectomy] Kindt J, et al. **Zentralbl Gynakol** 1984;106(14):988–92 (Eng. Abstr.) (Ger)

ANTAGONISTS & INHIBITORS

S-adenosyl-L-methionine antagonizes oral contraceptive-induced bile cholesterol supersaturation in healthy women: preliminary report of a controlled randomized trial. Di Padova C, et al. **Am J Gastroenterol** 1984 Dec;79(12):941–4

Vitamin E prevents the platelet abnormalities induced by estrogen in rat. Ciavatti M, et al. **Contraception** 1984 Sep;30(3):279–87

METABOLISM

Drug-protein conjugates—VII. Disposition of [3H]-ethinylestradiol-protein conjugates in the rat. Grabowski PS, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3289–94

2-Hydroxylation of ethinyloestradiol in relation to the oxidation of sparteine and antipyrine. Back DJ, et al. **Br J Clin Pharmacol** 1984 Oct;18(4):603–7

Inhibition of hepatic microsomal enzymes by gossypol in the rat. Ma XN, et al. **Contraception** 1984 Jul;30(1):89–97

Ethynyl-estradiol (EE-2) retained in blood and endometrium during and after steroidal contraception. Sojo-Aranda, et al. **Contraception** 1985 Jan;31(1):43–9

Kinetics of chloroquine & contraceptive steroids in oral contraceptive users during concurrent chloroquine prophylaxis. Gupta KC, et al. **Indian J Med Res** 1984 Dec;80:658–62

PHARMACODYNAMICS

Comparison of hepatic impact of oral and vaginal administration of ethinyl estradiol. Goebelsmann U, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):868–77

Ethynylestradiol impairs bile salt uptake and Na-K pump function of rat hepatocytes. Berr F, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):G437–43

Changes in relative fatty acid composition of serum lecithin and cholesterol ester after treatment with two gonane progestins administered alone and in combination with ethinyl estradiol. Crona N, et al. **Arch Gynecol** 1984;236(1):35–40

The effects of 17 alpha-ethynyloestradiol and of acute inflammation on the plasma concentration of rat alpha 1-acid glycoprotein and on the induction of its hepatic mRNA. Diarra-Mehrpour M, et al. **Biochem J** 1985 Feb 1;225(3):681–7

The effect of synthetic ovarian hormones on an in vivo model of thrombosis in the rat. Emms H, et al. **Br J Pharmacol** 1985 Jan;84(1):243–8

Modification of N-methyl-N-nitrosourea initiated carcinogenesis in the rat by subsequent treatment with antioxidants, phenobarbital and ethinyl estradiol. Tsuda H, et al. **Cancer Lett** 1984 Aug;24(1):19–27

Influence of endogenous and exogenous oestrogens on posterior pituitary secretion in women. Williams TD, et al. **Clin Endocrinol (Oxf)** 1985 May;22(5):589–96

Effect of oral contraceptives on triazolam, temazepam, alprazolam, and lorazepam kinetics. Stoehr GP, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):683–90

Fibrinolytic activity in plasma and vessels of the hind leg in rats treated with ethinylestradiol and D-norgestrel. Kjaeldgaard A, et al. **Contraception** 1984 Aug;30(2):169–78

Regulatory effect of contraceptive steroids on the release of tissue-type plasminogen activator in vitro. Kjaeldgaard A, et al. **Contraception** 1984 Oct;30(4):355–62

A study on the source of increased serum alkaline phosphatase in rats treated with ethinyl oestradiol or testosterone undecanoate. Attia MA, et al. **DTW** 1985 Mar 8;92(3):97–100

Norethisterone and ethinylestradiol do not inhibit delta 5–3 beta-hydroxysteroid dehydrogenase in rat Leydig cells. Zeillinger R, et al. **Endocrinol Exp (Bratisl)** 1984 Sep;18(3):141–50

The effects of two gonane progestins alone and in combination with ethinyl estradiol on serum lipoproteins. Crona N, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jun;19(6):365–74

Effect of different combinations of ethinyl estradiol & levonorgestrel on plasma lipids including high-density lipoprotein cholesterol. Mandal B, et al.
Indian J Med Res 1985 Apr;81:382–6

Somatostatin inhibits prolactin release from the lactotroph primed with oestrogen and cyproterone acetate in man. Gooren LJ, et al. **J Endocrinol** 1984 Dec;103(3):333–5

Estrogenic treatment does not modify the TSH and PRL responses to domperidone and TRH in patients with tumoral hyperprolactinemia. Ghigo E, et al.
J Endocrinol Invest 1984 Oct;7(5):525–7

Solubilization of the 17 alpha-ethinyl estradiol-stimulated low density lipoprotein receptor of male rat liver. Roach PD, et al. **J Lipid Res** 1985 Jun;26(6):713–20

Effect of low-dose oral contraceptives on lipoproteins and lipolytic enzymes: differences between two commonly used preparations. Leuven JA, et al. **Metabolism** 1984 Nov;33(11):1039–42

Short-term effects of desogestrel and ethinyloestradiol on serum proteins in women. Käär K, et al.
Scand J Clin Lab Invest 1984 Nov;44(7):623–7

Effect of ethinyl estradiol on the differentiation of mouse fetal testis. Yasuda Y, et al. **Teratology** 1985 Aug;32(1):113–8

Ethinylestradiol and d-norgestrel regulation of plasminogen activator in a human melanoma cell line. Kjaeldgaard A, et al. **Thromb Res** 1984 Dec 15;36(6):591–7

[Hormonal contraceptives in female rowers] Lisý Z.
Cas Lek Cesk 1984 Aug 31;123(35):1086–90 (Eng. Abstr.) **(Cze)**

[Effect of a combined oral contraceptive on lactation and growth of the infant] Peralta O, et al.
Rev Chil Obstet Ginecol 1983;48(5):372–80 (Eng. Abstr.) **(Spa)**

THERAPEUTIC USE

Effects of luteinizing hormone-releasing hormone (LRH) upon bioactive and immunoreactive serum LH in patients with Turner's syndrome before and after oestrogen treatment. Celani MF, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):304–8

Cyproterone acetate as initial treatment and maintenance therapy for hirsutism. Holdaway IM, et al.
Acta Endocrinol (Copenh) 1985 Aug;109(4):522–9

Effects of a low-dose desogestrel-ethinylestradiol combination on hirsutism, androgens and sex hormone binding globulin in women with a polycystic ovary syndrome. Cullberg G, et al.
Acta Obstet Gynecol Scand 1985;64(3):195–202

Lipid metabolic studies in women with a polycystic ovary syndrome during treatment with a low-dose desogestrel-ethinylestradiol combination. Cullberg G, et al. **Acta Obstet Gynecol Scand** 1985;64(3):203–7

Pharmacodynamic studies on desogestrel administered alone and in combination with ethinylestradiol. Cullberg G.
Acta Obstet Gynecol Scand [Suppl] 1985;133:1–30

Combined estradiol and vitamin B6 treatment in women with major depression [letter] Holsboer F, et al.
Am J Psychiatry 1985 May;142(5):658

The management of female hirsutism with the anti-androgen agent cyproterone. Kwok PC, et al.
Asia Oceania J Obstet Gynaecol 1985 Jun;11(2):233–40

The effects of the administration of tamoxifen, ethynyloestradiol, and prednisolone on the activities of certain enzymes of carbohydrate metabolism in primary human breast carcinomas in vivo. Deshpande N, et al.
Br J Cancer 1985 Aug;52(2):241–4

The treatment of hirsutism with a combination of desogestrel and ethinyl oestradiol. Dewis P, et al.
Clin Endocrinol (Oxf) 1985 Jan;22(1):29–36

The effects of cyproterone acetate and ethinyl oestradiol on carbohydrate metabolism. Seed M, et al.
Clin Endocrinol (Oxf) 1984 Dec;21(6):689–99

Critical analysis of height reduction in oestrogen-treated tall girls. Sorgo W, et al. **Eur J Pediatr** 1984 Sep;142(4):260–5

Effects of an antiestrogen on subfractions of HDL cholesterol during estrogen replacement therapy. Ottosson UB, et al.
Gynecol Obstet Invest 1984;18(3):140–6

Relative fatty acid composition of lecithin during postmenopausal replacement therapy—a comparison between ethinyl estradiol and estradiol valerate. Ottosson UB, et al. **Gynecol Obstet Invest** 1984;18(6):296–302

Somatomedin-C levels in children and adolescents with gonadal dysgenesis: differences from age-matched normal females and effect of chronic estrogen replacement therapy. Cuttler L, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1087–92

The influence of treatment with estrogens and estramustine phosphate on platelet aggregation and plasma lipoproteins in non-disseminated prostatic carcinoma. Agardh CD, et al. **J Urol** 1984 Nov;132(5):1021–4

Triphasil—a new triphasic oral contraceptive.
Med Lett Drugs Ther 1985 May 24;27(688):48

[Progress in oral contraception. Advantages of a levonorgestrel-containing 3-stage preparation over low-dose levonorgestrel and desogestrel containing monophasic combination preparations] Lachnit-Fixson U.
Fortschr Med 1984 Sep 6;102(33):825–30 (Eng. Abstr.) **(Ger)**

[Comparison of a 2-phase preparation (Oviol 22) with a low-dose 1-phase preparation (Ovoresta M)] Dik M, et al. **Geburtshilfe Frauenheilkd** 1984 Dec;44(12):808–12 (Eng. Abstr.) **(Ger)**

TOXICITY

Enhancement of the mutagenicity of carcinogenic arylamines by ethinyl estradiol. Purdy RH, et al. **Carcinogenesis** 1984 Dec;5(12):1709–15

Combined toxic effects of tetracycline and ethinyl estradiol on liver function of mice. Böcker R, et al.
Res Exp Med (Berl) 1985;185(2):151–62

ETHINYL ESTRADIOL 3-METHYL ETHER see **MESTRANOL**

ETHINYL TRICHLORIDE see **TRICHLOROETHYLENE**

ETHINYLESTRENOL see **LYNESTRENOL**

ETHINYLNORTESTOSTERONE see **NORETHINDRONE**

ETHIODIZED OILS

ADVERSE EFFECTS

Lipid cerebral embolization following lymphogram. Sane DC, et al. **Clin Neuropharmacol** 1985;8(2):184–8

DIAGNOSTIC USE

Thoracic duct opacification for CT scanning. Day DL, et al. **AJR** 1985 Feb;144(2):403–4

Improved detection of focal lesions with computerized tomographic examination of the liver using ethiodized oil emulsion (EOE-13) liver contrast. Sugarbaker PH, et al. **Cancer** 1984 Oct 15;54(8):1489–95

CT evaluation of hepatic and splenic trauma with EOE-13. An experimental study in monkeys. Miller DL, et al.
Invest Radiol 1985 Jan–Feb;20(1):68–72

Experimental comparison of EOE-13 and perfluoroctylbromide for the CT detection of hepatic metastases. Patronas N, et al. **Invest Radiol** 1984 Nov–Dec;19(6):570–3

Hepatocellular carcinoma and metastatic cancer detected by iodized oil. Nakakuma K, et al. **Radiology** 1985 Jan;154(1):15–7

Hepatocellular carcinoma detected by iodized oil. Use of anticancer agents. Ohishi H, et al. **Radiology** 1985 Jan;154(1):25–9

Hepatocellular carcinoma detected by iodized oil. Yumoto Y, et al. **Radiology** 1985 Jan;154(1):19–24

ETHIODOL see **ETHIODIZED OILS**

ETHIOFOS see under **ORGANOTHIOPHOSPHORUS COMPOUNDS**

ETHIONINE

ANALOGS & DERIVATIVES

Levels of S-adenosylmethionine and S-adenosylethionine in four different tissues of male weanling rats during subchronic feeding of DL-ethionine. Shivapurkar N, et al.
Biochem Pharmacol 1985 Feb 1;34(3):373–5

GENETICS

Theoretical mechanisms for synthesis of carcinogen-induced embryonic proteins: XIII. Mutational and non-mutational mechanisms as subsets of a more general mechanism. Part B—hereditary tyrosinemia. Hancock RL.
Med Hypotheses 1985 Feb;16(2):183–7

METABOLISM

Denatured proteins are degraded more rapidly than abnormal proteins in cell-free extracts of Saccharomyces cerevisiae. Chopra AK, et al. **Folia Microbiol (Praha)** 1984;29(4):343–5

PHARMACODYNAMICS

Effect of copper on blood serum xanthine dehydrogenase in rats given D-L-ethionine. Affonso OR, et al.
Arch Geschwulstforsch 1985;55(3):167–70

Levels of S-adenosylmethionine and S-adenosylethionine in four different tissues of male weanling rats during subchronic feeding of DL-ethionine. Shivapurkar N, et al.
Biochem Pharmacol 1985 Feb 1;34(3):373–5

1,7-Diethylguanosine formation in tRNA chemical ethylation by ethionine and ethylnitrosourea. Kanduc D.
Biochim Biophys Acta 1985 Jun 18;840(2):219–27

Chemical carcinogenesis. I. Rat liver tRNA ethylation by ethionine. Kanduc D. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1269–72

Islet cell isolation in experimental d,l-ethionine pancreatitis in dogs. Cobb LF, et al. **J Surg Res** 1985 Mar;38(3):272–80

Theoretical mechanisms for synthesis of carcinogen-induced embryonic proteins: XII mutational and non-mutational mechanism as subsets of a more general mechanism. Part A—Ethionine. Hancock RL. **Med Hypotheses** 1984 Nov;15(3):323–31

The effect of DL-ethionine, cholecystokinin, and cerulein on pancreatic secretion and tissue composition in rats. Papp M, et al. **Mt Sinai J Med (NY)** 1984 Dec;51(6):680–6

Effect of L-ethionine on the expression of the SOS system in Escherichia coli. Barbé J, et al. **Mutat Res** 1984 Dec;129(3):319–25

TOXICITY

Monoclonal antibodies recognizing oval cells induced in the liver of rats by N-2-fluorenylacetamide or ethionine in a choline-deficient diet. Hixson DC, et al. **Cancer Res** 1985 Aug;45(8):3750–60

Elevation of hepatic metallothionein in rats chronically exposed to dietary ethionine. Waalkes MP. **Toxicol Lett** 1985 Aug;26(2–3):133–8

ETHMOID BONE

Traumatic, spontaneous and postoperative CSF rhinorrhea. Loew F, et al. **Adv Tech Stand Neurosurg** 1984;11:169–207

[An intracranial tumor in an unusual location associated with Cushing's syndrome] Dušková J, et al. **Cesk Patol** 1985 May;21(2):113–7 (Eng. Abstr.) **(Cze)**

[Malignant tumors of the ethmoid] Piquet JJ, et al.
Rev Laryngol Otol Rhinol (Bord) 1984;105(5):481–4 (Eng. Abstr.) **(Fre)**

[Pneumocephalus secondary to fronto-ethmoidal osteoma] Fucci G, et al. **Radiol Med (Torino)** 1984 Apr;70(4):187–9 **(Ita)**

[Ethmoid tumors in moose and roe deer] Borg K, et al.
Nord Vet Med 1985 May–Jun;37(3):145–60 (Eng. Abstr.) **(Swe)**

ABNORMALITIES

Monozygotic twin aborted fetuses discordant for holoprosencephaly/synotia. Machin GA, et al.
Teratology 1985 Apr;31(2):203–15

ANATOMY & HISTOLOGY

Anatomy of the ethmoid: CT, endoscopic, and macroscopic. Terrier F, et al. **AJR** 1985 Mar;144(3):493–500

BLOOD SUPPLY

An evaluation and clinical study of severe epistaxis treated by arterial ligation. Cooke ET. **J Laryngol Otol** 1985 Aug;99(8):745–9

INJURIES

The pattern and incidence of nasolacrimal injury in naso-orbital-ethmoid fractures: the role of delayed assessment and dacryocystorhinostomy. Gruss JS, et al.
Br J Plast Surg 1985 Jan;38(1):116–21

A systematic approach to the diagnosis of transethmoidal fractures in CT. Jend HH, et al. **Eur J Radiol** 1985 Feb;5(1):8–11

Nasoethmoid complex injuries. Holt GR, et al.
Otolaryngol Clin North Am 1985 Feb;18(1):87–98

Naso-ethmoid-orbital fractures: classification and role of primary bone grafting. Gruss JS. **Plast Reconstr Surg** 1985 Mar;75(3):303–17

[Nasoethmoidal fractures] Bourgois F, et al.
Acta Stomatol Belg 1984 Nov;81(3):205–11 **(Fre)**

[Fronto- and laterobasal injuries in childhood and adolescence] Kretschmer H. **Aktuel Traumatol** 1984 Oct;14(5):187–92 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

[Radiological diagnosis of ethmoidomaxillary plate] Fujimaki Y, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Jun;87(6):674–9 (Eng. Abstr.) **(Jpn)**

SURGERY

[Primary surgical treatment of frontobasal injuries] Akuamoa-Boateng E, et al. **Acta Stomatol Belg** 1984 Nov;81(3):227–39 (Eng. Abstr.) **(Dut)**

[Ethmoidectomy and orbital decompression in endocrine ophthalmopathy] Richter WC, et al.
Laryngol Rhinol Otol (Stuttg) 1984 Jul;63(7):356–60 (Eng. Abstr.) **(Ger)**

ETHMOID SINUS

Neuroendocrine tumors of the nose and upper airway. Contrucci RB, et al. **Ear Nose Throat J** 1985 May;64(5):235–8

Neurilemmoma of the frontal-ethmoid sinus simulating a mucocele. A case report. Christenbury JD, et al.
J Clin Neuro Ophthalmol 1984 Dec;4(4):259–63

Neurilemmoma of ethmoidal sinuses: a case report.

Cutchavaree A, et al. **J Med Assoc Thai** 1984 Oct; 67(10):565-9

A subject for inquest—two cases of woodworkers' adenocarcinoma. Sarvesvaran R, et al. **Med Sci Law** 1985 Jan;25(1):63-6

Symposium on the ethmoid sinus. **Otolaryngol Clin North Am** 1985 Feb;18(1):1-194

Ethmoiditis. Pathophysiology and medical management. Eichel B. **Otolaryngol Clin North Am** 1985 Feb;18(1):43-53

Benign and malignant tumors of the ethmoid sinus. Rice DH. **Otolaryngol Clin North Am** 1985 Feb;18(1):113-24 (58 ref.)

Recurrent oncocytoma of the ethmoid sinus with orbital invasion. Chui RT, et al. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):267-70

Response of the lymph node to tumour antigen and Bacillus Calmette-Guerin in cattle bearing tumours of the ethmoturbinate region. Vikram Reddi M, et al. **Vet Immunol Immunopathol** 1985 Feb;8(3):273-87

[Personal experience with medial maxillectomy by Session's technic] Navrátil J, et al. **Cesk Otolaryngol** 1984 Nov; 33(6):330-2 (Eng. Abstr.) **(Cze)**

[Occupational ethmoido-nasal cancer in woodworkers] Gaillard J. **J Fr Otorhinolaryngol** 1984 Dec;33(10):491-3 **(Fre)**

[Echographic diagnosis of the ethmoid sinus. II: Clinical findings] Geyer G, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Dec;63(12):609-14 (Eng. Abstr.) **(Ger)**

[Echographic diagnosis of the ethmoid sinus. I: General principles, experimental studies, study technic and normal findings] Rochels R, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Dec;63(12):604-8 (Eng. Abstr.) **(Ger)**

[Ossifying fibroma of the ethmoid labyrinth and nasal cavity] Jordan J, et al. **Otolaryngol Pol** 1985;39(1):65-9 (Eng. Abstr.) **(Pol)**

[Rhinosinusal papilloma] Costinescu N, et al. **Rev Chir [Otorinolaringol]** 1984 Jul-Sep;29(3):211-4 (Eng. Abstr.) **(Rum)**

[Giant osteoma of the frontal sinuses and ethmoidal labyrinth penetrating the cranial cavity] Ponomarev LE, et al. **Vestn Otorinolaringol** 1984 Nov-Dec;(6):87-8 **(Rus)**

ABNORMALITIES

Surgical treatment of anterior nasoethmoid encephaloceles. Rommel T, et al. **Z Kinderchir** 1984 Dec;39(6):352-4

ANATOMY & HISTOLOGY

Anatomy of the ethmoid: CT, endoscopic, and macroscopic. Terrier F, et al. **AJR** 1985 Mar;144(3):493-500

Anatomy of the ethmoid sinus. Mattox DE, et al. **Otolaryngol Clin North Am** 1985 Feb;18(1):3-14

INJURIES

[Gunshot wound of the paranasal sinuses and nasal cavity] Bojarska D, et al. **Wiad Lek** 1984 Apr 1;37(7):544-6 (Eng. Abstr.) **(Pol)**

[Complex injuries of the face with special emphasis on the fronto-ethmoidal area] Mijaljević V, et al. **Med Pregl** 1984; 37(11-12):543-6 (Eng. Abstr.) **(Ser)**

RADIOGRAPHY

Transsphenoidal hypophysectomy: postsurgical CT findings. Dolinskas CA, et al. **AJR** 1985 Mar;144(3):487-92

Computed tomography of the ethmoid sinuses. Chakeres DW. **Otolaryngol Clin North Am** 1985 Feb;18(1):29-42 (14 ref.)

The ethmoid sinus. Plain film and tomographic radiology. Dolan KD. **Otolaryngol Clin North Am** 1985 Feb; 18(1):15-28

[Roentgenologic symptomatology of mucoceles of the frontal sinus and ethmoidal labyrinth] Golovach GG, et al. **Vestn Rentgenol Radiol** 1984 Nov-Dec;(6):30-5 (Eng. Abstr.) **(Rus)**

SURGERY

The use of the operating microscope in ethmoid surgery. Dixon HS. **Otolaryngol Clin North Am** 1985 Feb; 18(1):75-86

Intranasal ethmoidectomy. Jafek BW. **Otolaryngol Clin North Am** 1985 Feb;18(1):61-7

External ethmoidectomy. Neal GD. **Otolaryngol Clin North Am** 1985 Feb;18(1):55-60

ETHNIC GROUPS

Plasma protein polymorphisms in a puzzling Breton community, the Bigoudens. Youinou P, et al. **Acta Anthropogenet** 1983;7(3):233-9

Rhinoplasty in Egyptians. Beheri GE. **Aesthetic Plast Surg** 1984;8(3):145-50

Ethnicity and drinking in northern California: a comparison among whites, blacks and Hispanics. Caetano R. **Alcohol Alcohol** 1984;19(1):31-44

Transition from a hunter-gatherer to a settled lifestyle in the !Kung San: effect on iron, folate, and vitamin B12 nutrition. Fernandes-Costa FJ, et al. **Am J Clin Nutr** 1984 Dec;40(6):1295-303

Gallstones and diet in Tel Aviv and Gaza. Gilat T, et al. **Am J Clin Nutr** 1985 Feb;41(2):336-42

Feto-maternal relationships between vitamin D metabolites in Israeli Bedouins and Jews. Shany S, et al. **Am J Clin Nutr** 1984 Dec;40(6):1290-4

Meckel syndrome in different populations. Lurie IW, et al. **Am J Med Genet** 1984 Aug;18(4):661-9

Female circumcision. Shaw E. **Am J Nurs** 1985 Jun; 85(6):684-7

Ethnicity and foster care: census data as predictors of placement variables. Jenkins S, et al. **Am J Orthopsychiatry** 1985 Apr;55(2):267-76

Polymorphism of palmar C- and D-line terminations among the Sikligars of Chandigarh. Balgir RS. **Am J Phys Anthropol** 1984 Oct;65(2):199-200

The mylohyoid bridge in four population samples from India, with observations on its suitability as a genetic marker. Kaul SS, et al. **Am J Phys Anthropol** 1984 Oct;65(2):213-8

Age-specific variation in the secular trend for stature: a comparison of samples from industrialized and nonindustrialized regions. McCullough JM, et al. **Am J Phys Anthropol** 1984 Oct;65(2):169-80

Family resemblance for cranio-facial measurements in Velanti Brahmins from Andhra Pradesh, India. Poosha DV, et al. **Am J Phys Anthropol** 1984 Sep;65(1):15-22

Skin color comparisons among ethnic groups of college men. Spurgeon JH, et al. **Am J Phys Anthropol** 1984 Aug; 64(4):413-8

Sex and ethnic distribution of borderline personality disorder in an inpatient sample. Castaneda R, et al. **Am J Psychiatry** 1985 Oct;142(10):1202-3

Temperament and infant mortality among the Masai of East Africa. deVries MW. **Am J Psychiatry** 1984 Oct; 141(10):1189-94

Are results on the dexamethasone suppression test affected by ethnic background? [letter] Escobar JI. **Am J Psychiatry** 1985 Feb;142(2):268

Perinatal mortality with particular reference to the Singapore situation. Tan KL. **Ann Acad Med Singapore** 1984 Apr; 13(2):252-63

How to identify the Yakuza, Japanese racketeers—their sociology, criminology and physical characteristics. Tsunenari S, et al. **Ann Acad Med Singapore** 1984 Jan; 13(1):25-31

Effect of altitude on the physical growth of upper-class children of European ancestry. Greksa LP, et al. **Ann Hum Biol** 1985 May-Jun;12(3):225-32

Inbreeding and fertility in a South Indian population. Hann KL. **Ann Hum Biol** 1985 May-Jun;12(3):267-74

Red-cell enzymes and serum proteins among Brahmins and Kammas of coastal Andhra Pradesh, India. Naidu JM, et al. **Ann Hum Biol** 1985 May-Jun;12(3):291-3

Gypsies and American medical care. Thomas JD. **Ann Intern Med** 1985 Jun;102(6):842-5

Racial differences in the energy cost of standardised activities. Geissler CA, et al. **Ann Nutr Metab** 1985; 29(1):40-7

Relationship between dietary and plasma copper levels of pregnant Nigerian women. Mbofung CM, et al. **Ann Nutr Metab** 1985;29(1):48-55

Serum proteins among Dusads of Bihar. Dhiman SR, et al. **Anthropol Anz** 1985 Mar;43(1):87-9

Distribution of the ABO and LH blood groups in the Jat Sikh and Harijans (Punjab, India). Kaur I, et al. **Anthropol Anz** 1984 Dec;42(4):315-8

Intra-familial correlations of dermatoglyphic traits in South Sinai Bedouins. Kobyliansky E, et al. **Anthropol Anz** 1984 Dec;42(4):291-7

Maturational sequence of growth in transverse dimensions of head, face and trunk among male Jats of North India. Nath S. **Anthropol Anz** 1985 Mar;43(1):37-40

Some erythrocyte polymorphisms in Bari and its district (South Italy). Rickards O, et al. **Anthropol Anz** 1984 Dec; 42(4):299-306

A study of nasolacrimal canal in crania from Uttar Pradesh (India). Saxena SK. **Anthropol Anz** 1984 Dec;42(4):265-9

Age changes and comparison of somatotypes during 20 to 80 years in Jat-Sikh and Bania females of Punjab (India). Singal P, et al. **Anthropol Anz** 1984 Dec;42(4):281-9

Polymorphism of galactose-1-phosphate uridyltransferase in the Albanian and Croatian settlements of Molise (Italy). Vaccaro AM, et al. **Anthropol Anz** 1984 Dec;42(4):307-14

Theories of origins of male homosexuality. A cross-cultural look. Stoller RJ, et al. **Arch Gen Psychiatry** 1985 Apr; 42(4):399-404

Identification of community flour mills as the source of lead poisoning in West Bank Arabs. Eisenberg A, et al. **Arch Intern Med** 1985 Oct;145(10):1848-51

Occlusal variation in Chinese immigrants to the United Kingdom and their offspring. Corruccini RS, et al. **Arch Oral Biol** 1984;29(10):779-82

Hyperlipemia and arteriosclerotic cardiovascular disease in the Polynesian population of Rarotonga. Egusa G, et al. **Atherosclerosis** 1984 Dec;53(3):241-54

Aboriginal child health. Stuart J. **Aust Fam Physician** 1985 Jul;14(7):677-80

Emic accounts of a mystery illness: the Groote Eylandt syndrome. Cawte J. **Aust NZ J Psychiatry** 1984 Jun; 18(2):179-87

Some Asian communities in the UK and their culture. Gelbier S, et al. **Br Dent J** 1985 Jun 8;158(11):416-8

Dental health and ethnicity. Plamping D, et al. **Br Dent J** 1985 Apr 6;158(7):261-3

Sarcoidosis in Caucasians, Blacks and Asians in London. Edmondstone WM, et al. **Br J Dis Chest** 1985 Jan; 79(1):27-36

Beta-thalassaemia minor in gypsies from the south of Spain [letter] Cabrera A, et al. **Br J Haematol** 1984 Oct;58(2):377

Nutrient intake of pregnant Asian women at Sorrento Maternity Hospital, Birmingham. Eaton PM, et al. **Br J Nutr** 1984 Nov;52(3):457-68

Subethnic variation in the diets of Moslem, Sikh and Hindu pregnant women at Sorrento Maternity Hospital, Birmingham. Wharton PA, et al. **Br J Nutr** 1984 Nov; 52(3):469-76

Factors affecting birthweights in Hindus, Moslems and Europeans. McFadyen IR, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):968-72

Hyperuricaemia, gout and kidney function in New Zealand Maori men. Gibson T, et al. **Br J Rheumatol** 1984 Nov; 23(4):276-82

Patterns of mortality among migrants to England and Wales from the Indian subcontinent. Balarajan R, et al. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1185-7

Child health in ethnic minorities. Chinese and Vietnamese families. Black J. **Br Med J [Clin Res]** 1985 Apr 6; 290(6474):1063-5

Child health in ethnic minorities. The difficulties of living in Britain. Black J. **Br Med J [Clin Res]** 1985 Feb 23; 290(6468):615-7

Paediatrics among ethnic minorities. Contact with the health services. Black J. **Br Med J [Clin Res]** 1985 Mar 2; 290(6469):689-90

Paediatrics among ethnic minorities. Asian families 1: cultures. Black J. **Br Med J [Clin Res]** 1985 Mar 9; 290(6470):762-4

Chinese and Vietnamese families [letter] Chan MC. **Br Med J [Clin Res]** 1985 May 25;290(6481):1588

Osteomalacia presenting as pathological fractures during pregnancy in Asian women of high social class [letter] Dandona P. **Br Med J [Clin Res]** 1985 May 25; 290(6481):1591

Screening Rastafarian children for nutritional rickets. James JA, et al. **Br Med J [Clin Res]** 1985 Mar 23; 290(6472):899-900

Effects of the new anti-mafia law on the proceeds of crime and on the Italian economy. Arlacchi P. **Bull Narc** 1984 Oct-Dec;36(4):91-100

Familial history of esophageal cancer. Ghadirian P. **Cancer** 1985 Oct 15;56(8):2112-6

Race-related morphologic variations in hepatocellular carcinoma. Sumithran E, et al. **Cancer** 1985 Sep 1; 56(5):1124-7

Ethnicity, survival, and delay in seeking treatment for symptoms of breast cancer. Vernon SW, et al. **Cancer** 1985 Apr 1;55(7):1563-71

HLA and Heberden's nodes in Mexican Mestizos [letter] Benavides G, et al. **Clin Rheumatol** 1985 Mar;4(1):97-8

Commissural lip pits in Israeli Jews of different ethnic origin. Gorsky M, et al. **Community Dent Oral Epidemiol** 1985 Jun;13(3):195-6

Sweet preference and dental caries among Bedouin youth in Israel. Steiner JE, et al. **Community Dent Oral Epidemiol** 1984 Dec;12(6):386-9

Racial differences in infant mortality by cause of death: the impact of birth weight and maternal age. Eberstein IW, et al. **Demography** 1984 Aug;21(3):309-21

Use of surnames in ethnic research: the case of Kims in the Korean-American population. Shin EH, et al. **Demography** 1984 Aug;21(3):347-60

Contact leukoderma due to 'Bindi' and footwear. Pandhi RK, et al. **Dermatologica** 1985;170(5):260-2

Ethnic differences in susceptibility to non-insulin-dependent diabetes. A comparative study of two urbanized Micronesian populations. King H, et al. **Diabetes** 1984 Oct; 33(10):1002-7

Diabetic complications and their relationships to risk factors in a Japanese population. Ishihara M, et al. **Diabetes Care** 1984 Nov-Dec;7(6):533-8

The changing epidemiology of diverticular disease in Israel. Levy N, et al. **Dis Colon Rectum** 1985 Jun;28(6):416-8

Suggested reference values for serum total protein and fractions of African and Indian middle-class urban women and newborns. Lakhani S, et al. **East Afr Med J** 1984 Aug; 61(8):606-10

Fabella in men of three human races. Miaśkiewicz C, et al. **Folia Morphol** 1984;43(4):369-74

Nutrition site service users: does racial background make a difference? Harel Z. **Gerontologist** 1985 Jun;25(3):286-91

Children's perceptions of aging: a multidimensional approach to differences by age, sex, and race. Mitchell J, et al. **Gerontologist** 1985 Apr;25(2):182-7

Population differences in ovarian cancer in Israel. Chaitchik S, et al. **Gynecol Oncol** 1985 Jun;21(2):155-60

Cancer in Hawaiians—compared with other races in Hawaii, 1978-1982. Burch TA. **Hawaii Med J** 1984 Oct; 43(10):350-2

Neuromuscular performance in a Kansas Mennonite community: age and sex effects in performance. Devor EJ, et al. **Hum Biol** 1985 May;57(2):197-211

An extended family study of ridge counts in two Indian populations. Hreczko TA, et al. **Hum Biol** 1985 May; 57(2):289-301

Ethnic, familial, and environmental influences on lactose tolerance. Johnson RC, et al. **Hum Biol** 1984 May; 56(2):307-16

Inter- and intra-population migration of the Gidra in lowland

Papua: a population-ecological analysis. Ohtsuka R, et al. **Hum Biol** 1985 Feb;57(1):33–45

Physical growth and ethnic heterogeneity among U.S.-born children of European ancestry. Schell LM. **Hum Biol** 1984 Dec;56(4):625–36

Anthropometric differences between rural and urban French-Canadian schoolchildren. Thibault HW, et al. **Hum Biol** 1985 Feb;57(1):113–29

DNA polymorphism and molecular pathology of the human globin gene clusters. Antonarakis SE, et al. **Hum Genet** 1985;69(1):1–14 (112 ref.)

High frequency of triplicated alpha-globin loci and absence or low frequency of alpha thalassemia in Polynesian Samoans. Lie-Injo LE, et al. **Hum Genet** 1985;70(2):116–8

The interaction of hemoglobin O Arab with Hb S and beta+ thalassemia among Israeli Arabs. Rachmilewitz EA, et al. **Hum Genet** 1985;70(2):119–25

C3 polymorphism, HLA and chronic renal failure in Spaniards. Regueiro JR, et al. **Hum Genet** 1984; 67(4):437–40

Techniques for estimating genetic admixture and applications to the problem of the origin of the Icelanders and the Ashkenazi Jews. Wijsman EM. **Hum Genet** 1984; 67(4):441–8

Serogenetic investigations of two populations of Iran. Akbari MT, et al. **Hum Hered** 1984;34(6):371–7

Mitochondrial malic enzyme polymorphism among different ethnic groups in Singapore. Bhattacharyya SP, et al. **Hum Hered** 1984;34(6):393–5

Variation in hair histological variables: medulla and diameter. Das-Chaudhuri AB, et al. **Hum Hered** 1984;34(4):217–21

Haptoglobin and transferrin types in Eti-Turks. Dinçol G, et al. **Hum Hered** 1985;35(2):115–6

A sero-biochemical genetic study of Jalari and Brahmin caste populations of Andhra Pradesh, India. Naidu JM, et al. **Hum Hered** 1985;35(3):148–56

Incidence of C5 isozyme of serum cholinesterase (E2 locus) in populations of Andhra Pradesh, South India. Rao PR, et al. **Hum Hered** 1985;35(2):126–8

Gc subtyping in south Indian tribal and caste populations. Walter H, et al. **Hum Hered** 1984;34(4):250–4

Diet during pregnancy in an Asian community in Britain—energy, protein, zinc, copper, fibre and calcium. Abraham R, et al. **Hum Nutr Appl Nutr** 1985 Feb; 39(1):23–35

Maternal-child hepatitis B virus transmission in Singapore. Chan SH, et al. **Int J Epidemiol** 1985 Mar;14(1):173–7

Mortality due to all causes and to cardiovascular diseases among seven race-ethnic populations in Los Angeles County, 1980. Frerichs RR, et al. **Int J Epidemiol** 1984 Sep;13(3):291–8

Serum lipoprotein concentrations in relation to ethnic composition and urbanization in men and women of Trinidad, West Indies. Miller GJ, et al. **Int J Epidemiol** 1984 Dec;13(4):413–21

Major colorectal cancer aetiological hypotheses do not explain mortality trends among Maori and non-Maori New Zealanders. Smith AH, et al. **Int J Epidemiol** 1985 Mar; 14(1):79–85

An epidemiological study of osteogenic sarcoma in Kenya: the variations in incidence between ethnic groups and geographic regions, 1968–1978. Bovill EG Jr, et al. **Int Orthop** 1985;9(1):59–63

Infant feeding practices among Bedouins in transition from seminomadic to settlement conditions in the Negev area of Israel. Dagan R, et al. **Isr J Med Sci** 1984 Nov; 20(11):1029–34

Breast feeding: differences in prevalence between caucasian and negroid women resident in Paddington and North Kensington, London, England. Hall DJ, et al. **J Adv Nurs** 1985 Mar;10(2):173–7

Female circumcision: perceptions of clients and caregivers. Shaw E. **J Am Coll Health** 1985 Apr;33(5):193–7

Visual acuity of the Gidra in lowland Papua New Guinea. Kawabe T, et al. **J Biosoc Sci** 1985 Jul;17(3):361–9

Interethnic dissociation between debrisoquine and desipramine hydroxylation. Rudorfer MV, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):89–92

Mortality from congenital malformations by mother's country of birth. Balarajan R, et al. **J Epidemiol Community Health** 1985 Jun;39(2):102–6

Dermatoglyphs in children with mitral valve prolapse. Tay JS, et al. **J Med Genet** 1985 Apr;22(2):135–6

Ethnicity and cancer prevention in a tri-ethnic urban community. Coreil J. **J Natl Med Assoc** 1984 Oct; 76(10):1013–9

Ethnic considerations in multidisciplinary cosmetic surgery. Pierce HE. **J Natl Med Assoc** 1984 Sep;76(9):915–6, 918–20

Family hysteria in a Kenyan setting. Muluka EA, et al. **J Nerv Ment Dis** 1985 Apr;173(4):249–52

Ethnicity and reporting of schizophrenic symptoms. Randolph ET, et al. **J Nerv Ment Dis** 1985 Jun; 173(6):332–40

Proposals for health services in northern Nigeria. Ityavyar DA. **J R Soc Health** 1985 Apr;105(2):55–60

A health survey of car painters of different ethnic origin and the importance of racial factors. Chatterjee DS. **J Soc Occup Med** 1984 Aug;34(3):86–9

Ethnic differences in alcohol misuse: a striking reaffirmation. Muhlin GL. **J Stud Alcohol** 1985 Mar;46(2):172–3

The flushing response to alcohol use among Koreans and Taiwanese. Park JY, et al. **J Stud Alcohol** 1984 Nov; 45(6):481–5

Alcohol-induced facial flushing and drinking behavior in Japanese men. Suwaki H, et al. **J Stud Alcohol** 1985 May; 46(3):196–8

Neonatal anthropometry in relation to ethnic distribution of birthweight in Singapore. Bhan A, et al. **J Trop Pediatr** 1985 Apr;31(2):124–8

Leads from the MMWR. Cancer patient survival by racial-ethnic group—United States, 1973 to 1979. **JAMA** 1985 Jun 7;253(21):3069

Colors, races, languages, and diseases [letter] Negre J. **JAMA** 1985 Sep 13;254(10):1310

Epidemiology of breast cancer in a Mexican-American population. Buchanan AV, et al. **JNCI** 1985 Jun; 74(6):1199–206

Distinct reactivity of Burkitt's lymphoma cell lines with eight monoclonal antibodies correlated with the ethnic origin. Favrot MC, et al. **JNCI** 1984 Oct;73(4):841–7

Relationship of ethnicity and other prognostic factors to breast cancer survival patterns in Hawaii. LeMarchand L, et al. **JNCI** 1984 Dec;73(6):1259–65

Race and health. **Lancet** 1985 Feb 16;1(8425):410–1

Cultural group indicators of pain in children. Abu-Saad H. **Matern Child Nurs J** 1984 Fall;13(3):187–96

Countries of origin and languages of Australian medical students. Tiller JW, et al. **Med Educ** 1984 Nov;18(6):435–8

Transcutaneous bilirubinometry in Malay, Chinese and Indian term neonates. Boo Nem Yun, et al. **Med J Malaysia** 1984 Mar;39(1):35–7

Vasectomy—experience in a Malaysian hospital. Sivanesaratnam V, et al. **Med J Malaysia** 1984 Mar; 39(1):69–72

Cancer patient survival by racial/ethnic group—United States, 1973–1979. **MMWR** 1985 May 10;34(18):248–50, 255

Racial and socioeconomic disparities in childhood mortality in Boston. Wise PH, et al. **N Engl J Med** 1985 Aug 8; 313(6):360–6

Human T-cell lymphotropic virus type-I antibodies in Falashas and other ethnic groups in Israel. Ben-Ishai Z, et al. **Nature** 1985 Jun 20–26;315(6021):665–6

Diabetes prevalence in the three main ethnic groups in Surinam (South-America): a population survey. Schaad JD, et al. **Neth J Med** 1985;28(1):17–22

Diet change and obesity among modernizing Polynesians. **Nutr Rev** 1984 Oct;42(10):347–50

Prevalence of hepatitis B infections in a multiracial New Zealand community. Milne A, et al. **NZ Med J** 1985 Jul 10;98(782):529–32

Climatic and racial factors related to the aetiology of secretory otitis media. Suarez Nieto C, et al. **ORL J Otorhinolaryngol Relat Spec** 1984;46(6):318–26

Ethnic differences in pregnancy outcome. Kurji KH, et al. **Public Health** 1984 Jul;98(4):205–8

Serum antibodies to human T-cell leukaemia virus type I in different ethnic groups and in non-human primates in South Africa. Becker WB, et al. **S Afr Med J** 1985 Mar 23;67(12):445–9

Systemic lupus erythematosus in Oriental males. A clinical profile. Boey ML, et al. **Singapore Med J** 1984 Oct; 25(5):332–5

Mexican-American, black-American and white-American differences in reporting illnesses, disability and physician visits for illnesses. Berkanovic E, et al. **Soc Sci Med** 1985; 20(6):567–77

The reinterpretation of Western pharmaceuticals among the Mende of Sierra Leone. Bledsoe CH, et al. **Soc Sci Med** 1985;21(3):275–82

Ethnicity and health: a research review. Donovan JL. **Soc Sci Med** 1984;19(7):663–70 (119 ref.)

A Maori perspective of health. Durie MH. **Soc Sci Med** 1985; 20(5):483–6

Traditional infant feeding practices: right or wrong? Kusin JA, et al. **Soc Sci Med** 1985;21(3):283–6

Influences on the antenatal clinic attendance of Central Province women in Port Moresby, PNG. Marshall LB. **Soc Sci Med** 1985;21(3):341–50

Health risks among enlisted males in the U.S. Navy: race and ethnicity as correlates of disease incidence. Palinkas LA, et al. **Soc Sci Med** 1985;20(11):1129–41

Health and traditional medicine cultures in Latin America and the Caribbean. Pedersen D, et al. **Soc Sci Med** 1985; 21(1):5–12

The health belief model and preventive health behaviour in Singapore. Quah SR. **Soc Sci Med** 1985;21(3):351–63

Obstetrical choice among urban women in Benin. Sargent C. **Soc Sci Med** 1985;20(3):287–92

Variation in inpatient racial composition among acute-care hospitals in New York State. Schatzkin A. **Soc Sci Med** 1985;20(4):371–9

Ethnic and sex differences in response to clinical and induced pain in chronic spinal pain patients. Lawlis GF, et al. **Spine** 1984 Oct;9(7):751–4

Ethnic differences in contraceptive use in Sri Lanka. Murty KR, et al. **Stud Fam Plann** 1984 Sep–Oct;15(5):222–32

Underlying medical conditions in young patients and ethnic differences in retinal vein occlusion. Dodson PM, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):114–9

Lack of secular increase in height and weight of South African black and white pre-schoolchildren [letter] Richardson BD, et al. **Trans R Soc Trop Med Hyg** 1984; 78(5):704–6

High frequency of anti-A and anti-B haemolysins in certain ethnic groups of Nigeria. Kulkarni AG, et al. **Vox Sang** 1985;48(1):39–41

Transferrin subtyping by isoelectrofocusing in three West Bengal populations. Reddy AP, et al. **Z Morphol Anthropol** 1984;74(3):345–9

Physical anthropology of two tribal groups of Amazonic Peru (with reference to artificial cranial deformation). Tommaseo M, et al. **Z Morphol Anthropol** 1984; 74(3):315–33

[Incidence of chronic gastritis in foreign patients with chronic dyspepsia] Wolff G, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(4):145–8 (Eng. Abstr.) **(Ger)**

[Significance of out-of-wedlock births (letter)] **Orv Hetil** 1984 Sep 9;125(37):2286–7 **(Hun)**

[Genetic demographic study of an urban sample of Turkmen-teke with behavioral abnormalities] Kalmykova LG, et al. **Genetika** 1985 Jun;21(6):1056–61 (Eng. Abstr.) **(Rus)**

[Population structure of the forest Nentsi. V. F-statistics, genetic distances and the average heterozygosity (compared to the Nganasani)] Sukernik RI, et al. **Genetika** 1985 Apr;21(4):646–57 (Eng. Abstr.) **(Rus)**

[Population and demographic study of the Turkmen Tekke] Kalmykova LG, et al. **Genetika (Moskva)** 1985 Feb; 21(2):316–20 (Eng. Abstr.) **(Rus)**

[Patterns of Gd- allele distribution in ethnic groups of the Soviet Union] Krasnopol'skaia KD, et al. **Genetika (Moskva)** 1985 Feb;21(2):306–15 (Eng. Abstr.) **(Rus)**

[High frequency of subtotal deletion of the Y-chromosome hetero-chromatin in Khanty from the lower Ob River area] Nazarenko SA, et al. **Genetika (Moskva)** 1984 Sep; 20(9):1549–53 (Eng. Abstr.) **(Rus)**

[Medical genetic research on the Khanty population of the Ovgort rural district of the Yamal-Nenets Autonomous territory] Puzyrev VP, et al. **Genetika (Moskva)** 1985 Feb; 21(2):332–7 (Eng. Abstr.) **(Rus)**

[Medico-genetic study of the population of Turkmenia. V. A population and demographic description of the Nokhur isolate] Revazov AA, et al. **Genetika (Moskva)** 1984 Sep; 20(9):1542–8 (Eng. Abstr.) **(Rus)**

[Medical genetic study of the population of Turkmenia. VI. An analysis of the genetic component of fertility dispersion in the population of Nokhor] Revazov AA, et al. **Genetika (Moskva)** 1984 Oct;20(10):1714–8 (Eng. Abstr.) **(Rus)**

[Population genetics of taiga hunters and reindeer breeders in central Siberia. The biochemical markers of genes Hp, Tf, Gc, A1b, GLO1, PGM1, AcP and EsD] Rychkov IuG, et al. **Genetika (Moskva)** 1984 Oct;20(10):1701–7 (Eng. Abstr.) **(Rus)**

[Genetic structure of the populations of native inhabitants in the northeastern USSR. III. Asiatic Eskimos and the coast and reindeer Chukchi] Solovenchuk LL. **Genetika (Moskva)** 1984 Nov;20(11):1902–9 (Eng. Abstr.) **(Rus)**

[The HLA system of the Uzbek population in the Ferghana Valley. HLA antigens, genes and haplotypes of the Uzbek population in relation to its ethnogenesis] Udina IG, et al. **Genetika (Moskva)** 1985 Jan;21(1):161–7 (Eng. Abstr.) **(Rus)**

[Isoniazid inactivation in 2 ethnic groups] Kasenov KU, et al. **Probl Tuberk** 1984 Nov;(11):18–20 (Eng. Abstr.) **(Rus)**

[Autonomic, cardio- and hemodynamic indices of healthy men, representatives of the native and nonnative population of Kazakhstan] Veber VR, et al. **Ter Arkh** 1985;57(1):35–7 (Eng. Abstr.) **(Rus)**

[Primary glaucoma in native inhabitants of the Far North] Lantukh VV. **Vestn Oftalmol** 1985 Jan–Feb;101(1):60–2 (20 ref.) **(Rus)**

[Epidemiological and immunological research on cytomegaly in parturients and newborn infants among the indigenous and immigrant population in the Far North] Tiukavkin VV, et al. **Vopr Virusol** 1985 Mar–Apr;30(2):215–9 (Eng. Abstr.) **(Rus)**

[The number of gypsy children hospitalized in the pediatric department of the District Health System in Prešov] Kuchta M. **Cesk Pediatr** 1985 Jul;40(7):423 **(Slo)**

[Comparative epidemiologic study of renal lithiasis in gypsy and non-gypsy populations: influence of diet] del Río Samper S, et al. **Actas Urol Esp** 1984 Jul–Aug;8(4):265–78 (Eng. Abstr.) **(Spa)**

HISTORY

A cephalometric study of the Romano-British. Seddon RP. **Eur J Orthod** 1984 Nov;6(4):303–12

[Unilateral spondylolyses in Slavic and Slavic-Avaric populations] Vyhnánek L, et al. **Anthropol Anz** 1984 Dec; 42(4):253–64 (Eng. Abstr.) **(Ger)**

PSYCHOLOGY

Prophylactic efficacy of lithium and its effective plasma levels in Chinese bipolar patients. Yang YY. **Acta Psychiatr Scand** 1985 Feb;71(2):171–5

The role of ethnography in alcoholism and substance abuse: the nature versus nurture controversy. Stimmel B. **Adv Alcohol Subst Abuse** 1984 Fall;4(1):1–8

The role of ethnicity in substance abuse. Westermeyer J. **Adv Alcohol Subst Abuse** 1984 Fall;4(1):9–18

Problems of linguistic insecurity in multicultural speech contexts. Bucci W, et al. **Ann NY Acad Sci** 1984; 433:185-200

Cultural barriers to effective medical care among Indochinese patients. Hoang GN, et al. **Annu Rev Med** 1985;36:229-39

The 'ordinary' dreams of the Yolngu in Arnhem Land. Cawte J. **Aust NZ J Psychiatry** 1984 Sep;18(3):236-43

A Jungian commentary on the 'ordinary' dreams of the Yolngu. Petchkovsky L. **Aust NZ J Psychiatry** 1984 Sep; 18(3):245-9

Drinking habits and alcohol-related beliefs of Australian, Papua New Guinean and American youth. Wilks J, et al. **Br J Addict** 1984 Dec;79(4):419-24

Treatment of immigrant Indian patients. Ananth J. **Can J Psychiatry** 1984 Oct;29(6):490-3

Cognitive performance and academic achievement of Japanese, Chinese, and American children. Stevenson HW, et al. **Child Dev** 1985 Jun;56(3):718-34

Service utilization by black and white clientele in an urban community mental health center: revised assessment of an old problem. Armstrong HE Jr, et al. **Community Ment Health J** 1984 Winter;20(4):269-81

Preferences in help-seeking among Chinese students. Cheung FM. **Cult Med Psychiatry** 1984 Dec;8(4):371-80

Cross-cultural aspects of bereavement. II: Ethnic and cultural variations in the development of bereavement practices. Eisenbruch M. **Cult Med Psychiatry** 1984 Dec; 8(4):315-47

Symptomatic differences between the sexes in rural Mexico. Finkler K. **Cult Med Psychiatry** 1985 Mar;9(1):27-57

The role of hallucinogenic drugs and sensory stimuli in Peruvian ritual healing. Joralemon D. **Cult Med Psychiatry** 1984 Dec;8(4):399-430

The effect of cultural conceptions on therapy: a comparative study of patients in Israeli psychiatric clinics. Minuchin-Itzigsohn SD, et al. **Cult Med Psychiatry** 1984 Sep;8(3):229-54

Urban Turkish children's performance on the Denver Developmental Screening Test. Epir S, et al. **Dev Med Child Neurol** 1984 Oct;26(5):632-43

Structural family therapy: its application to Chinese families. Jung M. **Fam Process** 1984 Sep;23(3):365-74

Ethnic intermarriage: implications for therapy. McGoldrick M, et al. **Fam Process** 1984 Sep;23(3):347-64

Cross-cultural training for mental health professionals: effects on the delivery of services. Lefley HP. **Hosp Community Psychiatry** 1984 Dec;35(12):1227-9

Drug treatment effectiveness: the case of racial and ethnic minorities in America—some research questions and proposals. Hanson B. **Int J Addict** 1985 Jan;20(1):99-137 (84 ref.)

Predictors of adolescents' intentions to smoke: age, sex, race, and regional differences. Presson CC, et al. **Int J Addict** 1984 Aug;19(5):503-19

The cultural construction of aging and dying in a Melanesian community. Counts DA, et al. **Int J Aging Hum Dev** 1984-85;20(3):229-40

Occurrence and co-occurrence of stressful life events in a Chinese context. Chan DW, et al. **Int J Psychosom** 1984; 31(4):3-10

Psychological and social disorders of Turkish women during an unaccepted pregnancy in a foreign country. Berzewski H. **Int J Soc Psychiatry** 1984 Winter;30(4):275-82

Mental illness among Indonesian Chinese in Hong Kong. Mak KY. **Int J Soc Psychiatry** 1985 Summer;31(2):119-24

Psychiatric problems of Turkish labourers in Holland. Sayil I. **Int J Soc Psychiatry** 1984 Winter;30(4):267-73

Cross-cultural comparison: psychiatric admission of Asian and indigenous patients in Leicestershire. Shaikh A. **Int J Soc Psychiatry** 1985 Spring;31(1):3-11

Does ethnicity constitute a risk factor in the psychological distress of adolescents with cancer? Zeltzer LK, et al. **J Adolesc Health Care** 1985 Jan;6(1):8-11

Indochinese immigrant children: problems in psychiatric diagnosis. Krener PG, et al. **J Am Acad Child Psychiatry** 1985 Jul;24(4):453-8

Oedipus in the stone age. Lidz T, et al. **J Am Psychoanal Assoc** 1984;32(3):507-27

Stress and health among Polynesian migrants to New Zealand. Graves TD, et al. **J Behav Med** 1985 Mar; 8(1):1-19

Depression in mothers in a multi-ethnic urban industrial municipality in Melbourne. Aetiological factors and effects on infants and preschool children. Williams H, et al. **J Child Psychol Psychiatry** 1985 Mar;26(2):277-88

The 'winter born phenomenon' among schizophrenics: differences between blacks and whites. Gallagher BJ 3d, et al. **J Clin Psychol** 1984 Sep;40(5):1151-9

Adjustment and psychosocial problems of Iranian and Filipino physicians in the U.S. Hojat M, et al. **J Clin Psychol** 1985 Jan;41(1):130-6

Recidivism, perceived problem-solving abilities, MMPI characteristics, and violence: a study of black and white incarcerated male adult offenders. Ingram JC, et al. **J Clin Psychol** 1985 May;41(3):425-32

Ethnicity and life event cognitive appraisals and experiences. Pine CJ, et al. **J Clin Psychol** 1985 Jul;41(4):460-5

Self-reported psychiatric symptoms among black, Hispanic, and white outpatients. Skilbeck WM, et al. **J Clin Psychol** 1984 Sep;40(5):1184-9

Coping with stress: naturalistic observations of the Polish crisis. Winstead BA. **J Clin Psychol** 1984 Nov; 40(6):1516-24

Comparison of external correlates of MMPI substance abuse scales across sex and race. Snyder DK, et al. **J Consult Clin Psychol** 1985 Aug;53(4):520-5

Women of polygamous marriages in an inpatient psychiatric service in Kuwait. Chaleby K. **J Nerv Ment Dis** 1985 Jan; 173(1):56-8

Cross-national reliability study of a schedule for assessing personality disorders. Tyrer P, et al. **J Nerv Ment Dis** 1984 Dec;172(12):718-21

A developmental study of reactions to frustration among Scheduled Caste Indians. Dubey SN, et al. **J Pers Assess** 1985 Feb;49(1):43-6

Race and vulnerability to stress: an examination of differential vulnerability. Neff JA. **J Pers Soc Psychol** 1985 Aug; 49(2):481-91

On the comparative ethnopharmacology of malpighiaceous and myristicaceous hallucinogens. McKenna DJ, et al. **J Psychoactive Drugs** 1985 Jan-Mar;17(1):35-9

Precursors of spatial ability: a longitudinal study among the Logoli of Kenya. Munroe RH, et al. **J Soc Psychol** 1985 Feb;125(1):23-33

A cross-ethnic comparison of reasons given for using alcohol, not using alcohol or ceasing to use alcohol. Johnson RC, et al. **J Stud Alcohol** 1985 Jul;46(4):283-8

Differences in face touching by Japanese and British people. Hatta T, et al. **Neuropsychologia** 1984;22(4):531-4

The myth of 'ecological dyslexia': a reply to Pontius (1984). Davidson G. **Percept Mot Skills** 1985 Feb;60(1):125-6

Representation of spatial relations on the specific test, Draw-A-Person-With-Face-In-Front, as indicative of literacy skills in Australian aboriginals and 'Westerners'. Pontius AA. **Percept Mot Skills** 1984 Aug;59(1):275-84

The Arab American and psychiatric care. Meleis AI, et al. **Perspect Psychiatr Care** 1984 Apr-Jun;22(2):72-6, 85-6

Creative writers on personality: Octavio Paz and Carlos Fuentes on the Mexican national character. Mollinger RN. **Psychoanal Rev** 1984 Sep;71(2):305-17

An indigenous conceptualization of reactive depression in Trinidad. Littlewood R. **Psychol Med** 1985 May; 15(2):275-81

Psychiatric disorders in children and family dysfunction. A study of migrant workers' families. Steinhausen HC. **Soc Psychiatry** 1985;20(1):11-6

Belief systems and breast feeding among Filipino urban poor. Fernandez EL, et al. **Soc Sci Med** 1984;19(9):991-5

Ethnicity and the pain experience. Lipton JA, et al. **Soc Sci Med** 1984;19(12):1279-98

Type A behaviour in two ethnic rural communities of males in Israel with and without coronary heart disease. Stockwell N, et al. **Soc Sci Med** 1985;20(4):331-4

[Cultural identification and psychiatry] Raveau F. **Bull Acad Natl Med (Paris)** 1984 Jan-Feb;168(1-2):65-70 (Eng. Abstr.) **(Fre)**

[Mental health and the immigrant worker] Alcide E. **Union Med Can** 1984 Jul;113(7):599-602 (Eng. Abstr.) **(Fre)**

[Psychiatric diseases and symptoms in an outpatient clinic population of children of guest workers] Holstein K. **Acta Paedopsychiatr (Basel)** 1984 Nov;50(5):217-28 (Eng. Abstr.) **(Ger)**

[Suicide and depression in Senegal and in Africa] Gueye M, et al. **Psyche (Stuttg)** 1984 Aug;38(8):696-709 (Eng. Abstr.) **(Ger)**

[Observations on traditional African medicine—report on an annually occurring celebration of the ill in Senegal] Koumare B, et al. **Psyche (Stuttg)** 1984 Aug;38(8):710-6 (Eng. Abstr.) **(Ger)**

[Comparative population analysis of the variability of human neurodynamics and psychodynamics] Bulaeva KB. **Zh Vyssh Nerv Deiat** 1984 Nov-Dec;34(6):1031-40 (Eng. Abstr.) **(Rus)**

ETHNOLOGY

The fieldworker as watcher and witness. Bosk C. **Hastings Cent Rep** 1985 Jun;15(3):10-4

ETHNOMEDICINE see **MEDICINE, TRADITIONAL**

ETHNOPSYCHOLOGY

see related

ANTHROPOLOGY, CULTURAL

[Comprehensive approach to a Pilagá myth. The myth of Tomagaloqosót] Idoyaga Molina A. **Acta Psiquiatr Psicol Am Lat** 1984 Sep;30(3):201-8 (Eng. Abstr.) **(Spa)**

ETHOFORM see **BENZOCAINE**

ETHOGLUCID see under **ETHERS**

ETHOLOGY

see related

BEHAVIOR, ANIMAL

Du-Evidenz applied ethology and animal welfare. van Rooijen J. **Br Vet J** 1985 May-Jun;141(3):245-8

Contribution of ethology to clinical interpretation of the horse's welfare. Ewbank R. **Equine Vet J** 1985 Jan;17(1):2-3

Some remarks on the Oedipus complex from an ethological point of view. Bacciagaluppi M. **J Am Acad Psychoanal** 1984 Oct;12(4):471-90

Ethopharmacological aggression research. Proceedings of a Symposium of Psychopharmacology of Aggression. September 28-29, 1983, Zeist, The Netherlands. **Prog Clin Biol Res** 1984;167:1-275

INSTRUMENTATION

A versatile integrated circuit activity monitor for small animals. Czech DA. **Physiol Behav** 1984 May;32(5):871-4

Control of cage lighting by locomotor activity through feedback circuits. Ferraro JS, et al. **Physiol Behav** 1984 Sep;33(3):487-90

A new stabilimeter for small laboratory animals. Parreño A, et al. **Physiol Behav** 1985 Mar;34(3):475-8

An avian vocalization detector. Severns M, et al. **Physiol Behav** 1985 May;34(5):843-5

METHODS

A microcomputer system designed for psychological and behavioural experiments. Popplewell DA, et al. **J Neurosci Methods** 1985 May;13(3-4):295-303

A computerized control system for a bar-press feeding task initiated by monkey vocalization. Yamamoto T, et al. **J Neurosci Methods** 1985 May;13(3-4):281-94

The measurement and integration of behavioral variables: aggregation and complexity as important issues. Ossenkopp KP, et al. **Neurobehav Toxicol Teratol** 1985 Jan-Feb; 7(1):95-100

Automated measurement of multivariate locomotor behavior in rodents. Sanberg PR, et al. **Neurobehav Toxicol Teratol** 1985 Jan-Feb;7(1):87-94

A microcomputer technique for the detailed behavioural, and automatic statistical, analysis of animal behaviour. Hendrie CA, et al. **Physiol Behav** 1984 May;32(5):865-9

Behavioral sequences as an easily quantifiable parameter in experimental studies. Spruijt BM, et al. **Physiol Behav** 1984 May;32(5):707-10

Mapping of open-field behavior in rats and integration of various independent study results. Tachibana T. **Physiol Behav** 1985 Jan;34(1):83-7

[Discrete and continuous mathematical models of intraspecific behavior in the pharmacoethology of the mouse] Poshivalov VP, et al. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):487-96 (Eng. Abstr.) **(Rus)**

ETHOPABATE see under **AMINOBENZOIC ACIDS**

ETHOPROPAZINE see under **PHENOTHIAZINES**

ETHOSUCCIMID see **ETHOSUXIMIDE**

ETHOSUXIMIDE

ADVERSE EFFECTS

[Drug-induced pancytopenia and systemic lupus erythematosus. Immune suppression of hemopoietic progenitor cells in the presence of the patient's peripheral blood cells, acute serum and the drug] Koike K, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1635-40 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Effect of heterologous combination on competitive nephelometric immunoassay. II. Bridge-heterologous combination for ethosuximide immunoassay. Nishikawa T, et al. **Chem Pharm Bull (Tokyo)** 1984 Dec;32(12):4958-62

BLOOD

Rapid extraction method for ethosuximide and other antiepileptics in serum for determination by high-performance liquid chromatography. Wad N. **J Chromatogr** 1985 Mar 22;338(2):460-2

METABOLISM

Ethosuximide in epileptic women during pregnancy and lactation period. Placental transfer, serum concentrations in nursed infants and clinical status. Kuhnz W, et al. **Br J Clin Pharmacol** 1984 Nov;18(5):671-7

PHARMACODYNAMICS

Effect of stimulus intensity on the profile of anticonvulsant activity of phenytoin, ethosuximide and valproate. Piredda SG, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):741-5

PHYSIOLOGY

Facilitation of GABA-ergic transmission by ethosuximide. Geber J, et al. **Acta Med Iugosl** 1984;38(5):351-4

THERAPEUTIC USE

Evaluation of treatment in typical absence seizures. The roles of long-term EEG monitoring and ethosuximide. Blomquist HK, et al. **Acta Paediatr Scand** 1985 May; 74(3):409-15

ETHOTOIN see under **HYDANTOINS**

ETHOXY COMPOUNDS see **ETHYL ETHERS**

ETHOXYQUIN see under **QUINOLINES**

ETHOXZOLAMIDE see under **THIAZOLES**

ETHYL AMINOBENZOATE see **BENZOCAINE**

ETHYL BISCOUMACETATE

PHARMACODYNAMICS

[Mechanism of action of hydroxycoumarin derivatives] Lider VA, et al. **Farmakol Toksikol** 1984 Jul–Aug;47(4):65–8 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

[At the present level of anticoagulation therapy with Pelentan, is it possible to expect effective prevention of thromboembolism?] Krišlo V, et al. **Vnitr Lek** 1985 Aug; 31(8):806–9 (Eng. Abstr.) **(Slo)**

ETHYL CHLORIDE

[Superficial cryoanalgesia using ethyl chloride for the obtaining of cutaneous autografts (letter)] López Burbano LF, et al. **Rev Esp Anestesiol Reanim** 1984 Sep–Oct; 31(5):211–2 **(Spa)**

POISONING

[Ethyl chloride sniffing—a rare form of abuse with severe mental and neurologic symptoms] Hollstedt C, et al. **Lakartidningen** 1985 Jan 23;82(4):216–7 **(Swe)**

ETHYL ETHERS

Effect of hypothermia and ether anesthesia on the dispositions of creatinine and urea in mice. Hirate J, et al. **J Pharmacobiodyn** 1984 Dec;7(12):883–90

Cardiac performance of isolated beating hearts obtained from rats anesthetized by three different agents. Sage MD, et al. **Lab Anim Sci** 1985 Apr;35(2):153–5

[Endotracheal anesthesia during strumectomy] Liul'ka AN, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):96–100 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Use of ether in life-threatening acute severe asthma. Robertson CE, et al. **Lancet** 1985 Jan 26;1(8422):187–8

ADVERSE EFFECTS

Ether cystitis. Nellans RE, et al. **JAMA** 1985 Jul 26; 254(4):530

HISTORY

The introduction of ether anaesthesia in the Nordic countries. Secher O. **Acta Anaesthesiol Scand** 1985 Jan;29(1):2–10

Robert Liston's letter to Dr. Francis Boott: its reappearance after 135 years. Ellis RH. **Anesthesiology** 1985 Mar; 62(3):331–5

Stamp recognition for William Morton. Leonard AG. **Br Dent J** 1985 May 11;158(9):345

The origins of anesthesia. Part V. Nuland SB. **Conn Med** 1985 Jun;49(6):381–3

PHARMACODYNAMICS

Protein synthesis in rat tissues during lactation. No effect of diethyl ether anaesthesia. Sampson DA, et al. **Biochem J** 1984 Dec 1;224(2):681–3

UDP-N-acetylmuramylpentapeptide as acceptor in murein biosynthesis in Escherichia coli membranes and ether-permeabilized cells. Kraus W, et al. **J Bacteriol** 1985 Jun;162(3):1000–4

The HI test modified by ether treatment in the sero-epidemiological surveillance of influenza B. Pyhälä R, et al. **J Hyg (Lond)** 1985 Jun;94(3):341–8

Effect of various central nervous system-acting drugs on ethanol and acetaldehyde metabolism in rats. Hobara N, et al. **Pharmacology** 1985;30(6):333–8

Effect of repeated ether anesthesias on the mono-oxygenase system of rat liver S-9 fraction. Paolini M, et al. **Teratogenesis Carcinog Mutagen** 1984;4(6):477–81

[Effect of a fatty-series narcotic (ether) and a barbiturate (hexenal) on the regional distribution of the total and nutritive blood flow] Kovalev OA, et al. **Farmakol Toksikol** 1985 May–Jun;48(3):53–7 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Ether and asthma [letter] Archer GJ. **Lancet** 1985 Mar 9; 1(8428):574

ETHYL MERCURY COMPOUNDS see **ETHYLMERCURY COMPOUNDS**

ETHYL MESILATE see **ETHYL METHANESULFONATE**

ETHYL METHANESULFONATE

PHARMACODYNAMICS

Induction of incoordinate synthesis of muscle proteins by the tumor promoter TPA and the carcinogen EMS. Holtzer H, et al. **Adv Exp Med Biol** 1985;182:179–92

Comparison of somatic reversions between the ivory allele and transposon-caused mutant alleles at the white locus of Drosophila melanogaster after larval treatment with X rays and ethyl methanesulfonate. Ryo H, et al. **Genetics** 1985 Jul;110(3):441–51

Characterization of chemically and virally transformed variants of Madin-Darby canine kidney (MDCK) epithelial cells. U HS, et al. **J Cell Physiol** 1985 Feb;122(2):299–307

A review of the genetic effects of ethyl methanesulfonate. Sega GA. **Mutat Res** 1984 Sep–Nov;134(2–3):113–42 (311 ref.)

Isolation of Chinese hamster cells hyposensitive to ethyl methanesulfonate and their characterization in induction and antagonization of sister-chromatid exchanges. Sono A, et al. **Mutat Res** 1984 Nov;129(2):181–94

Ethylation of poly(dC-dG).poly(dC-dG) by ethyl methanesulfonate stimulates the activity of mammalian DNA methyltransferase in vitro. Farrance IK, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1045–9

[Analysis of the visible mutations induced by x-rays and ethyl methanesulfonate in the mature spermatozoa of Drosophila melanogaster] Romanova NI, et al. **Biol Nauki** 1985; (3):91–5 (Eng. Abstr.) **(Rus)**

[Differential cell mutability during oogenesis and exposure to ethyleneimine and ethylmethane sulfonate in different Drosophila melanogaster lines] Shvartsman PIa, et al. **Genetika** 1985 Jun;21(6):958–63 (Eng. Abstr.) **(Rus)**

TOXICITY

Linear relationship between lethal mutation yield and intake of ethyl methanesulfonate in Drosophila melanogaster. Ayaki T, et al. **Environ Mutagen** 1985;7(2):147–53

Lack of synergistic effect between arsenic, mercury and ethyl methane sulfonate on the frequency of chromosomal aberrations in mice. Poma K, et al. **J Appl Toxicol** 1984 Dec;4(6):293–6

Apurinic/apyrimidinic endonuclease activities appear normal in the CHO-cell ethyl methanesulfonate-sensitive mutant, EM9. La Belle M, et al. **Mutat Res** 1984 Sep;141(1):41–4

Further characterisation of processes removing EMS premutational lesions in yeast (S. cerevisiae). McBlane F, et al. **Mutat Res** 1985 May–Jun;143(1–2):35–8

Ethyl methanesulfonate-induced mutations of major genes for quantitative phenotypes: mutant alleles for altered activity of brain or liver enzymes in C57BL/6J mice and their inheritance across several generations. McGarrity LJ, et al. **Mutat Res** 1985 Apr;142(4):193–8

Induction of 6-thioguanine-resistant mutants and SCEs by 3 chemical mutagens (EMS, ENU and MMC) in cultured human blood lymphocytes. Vijayalaxmi, et al. **Mutat Res** 1984 Nov;129(2):283–9

Mechanism of chemical-induced toxicity. II. Role of extracellular calcium. Fariss MW, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):296–306

Mechanism of chemical-induced toxicity. I. Use of a rapid centrifugation technique for the separation of viable and nonviable hepatocytes. Fariss MW, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):283–95

ETHYLAMINES

Alkylation with dialkylsulfate and diisopropylethylamine. Nazareth A, et al. **J Chromatogr** 1985 Feb 20;319(3):382–6

CHEMICAL SYNTHESIS

Antihypertensive activities of phenyl aminoethyl sulfides, a class of synthetic substrates for dopamine beta-hydroxylase. Padgette SR, et al. **J Med Chem** 1984 Oct;27(10):1354–7

[Synthesis and pharmacologic study of saturated amino ethers] Antoniadou-Vyzas A, et al. **Ann Pharm Fr** 1984; 42(3):239–42 (Eng. Abstr.) **(Fre)**

METABOLISM

Synthesis of new bis(aminoethanethiol) (BAT) derivatives: possible ligands for 99mTc brain imaging agents. Kung HF, et al. **J Med Chem** 1985 Sep;28(9):1280–4

PHARMACODYNAMICS

Cellular mechanisms of drug-induced papillary necrosis. Sabatini S. **J Pharmacol Exp Ther** 1985 Jan;232(1):214–9

TOXICITY

Fluid volumes and hemodynamics in hypertension produced by chemical renal medullectomy. Taverner D, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H415–20

ETHYLDICOUMAROL see **ETHYL BISCOUMACETATE**

ETHYLDIMETHYLAMINOPROPYL CARBODIIMIDE see under **CARBODIIMIDES**

ETHYLDITHIURAME see **DISULFIRAM**

ETHYLENE CHLOROHYDRIN see under **CHLOROHYDRINS**

ETHYLENE DIBROMIDES see under **HYDROCARBONS, BROMINATED**

ETHYLENE DICHLORIDES see under **HYDROCARBONS, CHLORINATED**

ETHYLENE GLYCOLS

EGTA-extractable calmodulin in platelet membrane is lower in alcoholics than in controls. Javors MA, et al. **Alcohol** 1985 May–Jun;2(3):433–6

A stopped-flow investigation of calcium ion binding by ethylene glycol bis(beta-aminoethyl ether)-N,N'-tetraacetic acid. Smith PD, et al. **Anal Biochem** 1984 Nov 15;143(1):188–95

The effects of ethylene glycol and dimethyl sulfoxide on cerebroside metastability. Curatolo W. **Biochim Biophys Acta** 1985 Jul 11;817(1):134–8

Ca/EGTA solutions: comparison between measured and calculated free calcium ion concentrations in the micromolar range. Dinjus U, et al. **Biomed Biochim Acta** 1984;43(10):1067–72

Repulsive forces in lecithin glycol lamellar phases. Persson PK, et al. **Biophys J** 1985 May;47(5):743–6

Review of glycol ether and glycol ether ester solvents used in the coating industry. Smith RL. **Environ Health Perspect** 1984 Aug;57:1–4

ADVERSE EFFECTS

Contact dermatitis from phenoxyethanol in aqueous cream BP. Lovell CR, et al. **Contact Dermatitis** 1984 Sep;11(3):187

Contact dermatitis to trilaureth phosphate. Neill SM, et al. **Contact Dermatitis** 1984 Aug;11(2):130–1

Teratogenicity of dimethoxyethyl phthalate and its metabolites methoxyethanol and methoxyacetic acid in the rat. Ritter EJ, et al. **Teratology** 1985 Aug;32(1):25–31

ANALYSIS

Novel microbial screen for detection of 1,4-butanediol, ethylene glycol, and adipic acid. Stieglitz B, et al. **Appl Environ Microbiol** 1985 Mar;49(3):593–8

The determination of environmental 2-ethoxyethanol by gas chromatography. Sidhu KS. **Arch Toxicol** 1984 Oct; 55(4):272–5

Analyses of ethylene glycol monoalkyl ethers and their proposed metabolites in blood and urine. Smallwood AW, et al. **Environ Health Perspect** 1984 Aug;57:249–53

Rapid gas chromatographic determination of ethylene oxide, ethylene chlorohydrin, and ethylene glycol residues in rubber catheters. Muzeni RJ. **J Assoc Off Anal Chem** 1985 May–Jun;68(3):506–8

Phenoxyethanol absorption by polyvinyl chloride. Lee MG. **J Clin Hosp Pharm** 1984 Dec;9(4):353–5

Determination of ethylene oxide, ethylene chlorohydrin, and ethylene glycol in aqueous solutions and ethylene oxide residues in associated plastics. Ball NA. **J Pharm Sci** 1984 Sep;73(9):1305–7

BLOOD

Determination of serum ethylene glycol by capillary gas chromatography. Smith NB. **Clin Chim Acta** 1984 Dec 29; 144(2–3):269–72

Identification of diethylene glycol in sera from Egyptian children by frequency-pulsed electron-capture gas-liquid chromatography. Brooks JB, et al. **J Chromatogr** 1984 Aug 10;309(2):269–77

CHEMICAL SYNTHESIS

[Synthesis and analysis of glycol bis-phosphates, regulators of reversible hemoglobin oxygenation] Chuvilin AN, et al. **Bioorg Khim** 1985 Jun;11(6):845–8 (Eng. Abstr.) **(Rus)**

DIAGNOSTIC USE

Purification of beta-glucocerebrosidase by preparative-scale high-performance liquid chromatography: the use of ethylene glycol-containing buffers for chromatography of hydrophobic glycoprotein enzymes. Murray GJ, et al. **Anal Biochem** 1985 Jun;147(2):301–10

Potentiometric measurements of stoichiometric and apparent affinity constants of EGTA for protons and divalent ions including calcium. Smith GL, et al. **Biochim Biophys Acta** 1985 May 8;839(3):287–99

METABOLISM

Metabolism and excretion of 2-ethoxyethanol in the adult male rat. Cheever KL, et al. **Environ Health Perspect** 1984 Aug;57:241–8

Absorption of some glycol ethers through human skin in vitro. Dugard PH, et al. **Environ Health Perspect** 1984 Aug; 57:193–7

Pulmonary and percutaneous absorption of 2-propoxyethyl acetate and 2-ethoxyethyl acetate in beagle dogs. Guest D, et al. **Environ Health Perspect** 1984 Aug;57:177–83

Hydrolysis of several glycol ether acetates and acrylate esters by nasal mucosal carboxylesterase in vitro. Stott WT, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):399–404

PHARMACODYNAMICS

Examination of the role of calcium in ovulation in the in vitro perfused rabbit ovary with use of

NEWARK PUBLIC LIBRARY

ethyleneglycol-bis(beta-aminoethyl ether)-n,n'-tetraacetic acid and verapamil. Kitai H, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):705-8

The effect of verapamil and EGTA on the rat phrenic nerve-hemidiaphragm preparation. Bikhazi GB, et al. **Anesth Analg** 1985 May;64(5):505-8

Phosphatidylcholine as a source of diacylglycerols in neuronal nuclei incubated in the presence of EGTA and CMP. Baker RR, et al. **Biochim Biophys Acta** 1984 Oct 24;796(1):55-63

Topical rubefacient ointment: studies on haemostasis. Singer CR, et al. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):634-5

Effects of electrical stimulation and an intracellular calcium chelator on calcium movement in suspensions of isolated myocardial muscle cells. Barritt GJ, et al. **Cardiovasc Res** 1985 Jun;19(6):370-7

Influence of proteolytic enzymes and calcium-binding agents on nuclear and cell surface topography. Thyberg J, et al. **Cell Tissue Res** 1984;237(3):587-93

Effects of KCl-EGTA solution on the isolated Mytilus smooth muscle: a method for denervation. Matsuura M, et al. **Comp Biochem Physiol [C]** 1984;79(2):357-61

Calcium reversal: intracellular localization of site of inhibition by a submicromolar concentration of Ca ion in uterine smooth muscle shown by studies with EGTA. Sakai K, et al. **Gen Pharmacol** 1984;15(6):549-52

Interaction of EGTA with a hydrophobic region inhibits particulate adenylate cyclase from rat cerebral cortex: a study of an EGTA-inhibitable enzyme by using alamethicin. Sulakhe PV, et al. **Int J Biochem** 1984;16(10):1029-35

The effect of sodium citrate on the stimulation of polymorphonuclear leukocytes. Parker AV, et al. **Invest Ophthalmol Vis Sci** 1985 Sep;26(9):1257-61

The effects of ethylene glycol monomethyl ether on testicular histology in F344 rats. Chapin RE, et al. **J Androl** 1984 Sep-Oct;5(5):369-80

Modulation of Ca2+-mediated K+-gating of erythrocyte ghosts by external Ca-EGTA. Benjamin AM, et al. **J Cell Physiol** 1984 Dec;121(3):508-16

The process of muscle relaxation by the combined action of MgAMPPNP and ethylene glycol. Tregear RT, et al. **J Muscle Res Cell Motil** 1984 Dec;5(6):687-96

Electrocardiographic study of rat fetuses exposed to ethylene glycol monomethyl ether (EGME). Toraason M, et al. **Teratology** 1985 Aug;32(1):33-9

Evidence that a Ca2+ chelator and a calmodulin blocker interfere with the structure of inter-Sertoli junctions. Franchi E, et al. **Tissue Cell** 1985;17(1):13-25

The effect of 2-methoxyethanol and methoxyacetic acid on Sertoli cell lactate production and protein synthesis in vitro. Beattie PJ, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):56-61

Studies on the toxicity of some glycol ethers and alkoxyacetic acids in primary testicular cell cultures. Gray TJ, et al. **Toxicol Appl Pharmacol** 1985 Jul;79(3):490-501

The role of metabolism in 2-methoxyethanol-induced testicular toxicity. Moss EJ, et al. **Toxicol Appl Pharmacol** 1985 Jul;79(3):480-9

POISONING

Glycolate causes the acidosis in ethylene glycol poisoning and is effectively removed by hemodialysis. Jacobsen D, et al. **Acta Med Scand** 1984;216(4):409-16

Early clinicopathologic findings in dogs ingesting ethylene glycol. Grauer GF, et al. **Am J Vet Res** 1984 Nov;45(11):2299-303

1,3 Butanediol treatment of ethylene glycol toxicosis in dogs. Murphy MJ, et al. **Am J Vet Res** 1984 Nov;45(11):2293-5

Some aspects of calcium metabolism in a fatal case of ethylene glycol poisoning. Simpson E. **Ann Clin Biochem** 1985 Jan;22 (Pt 1):90-3

Adult respiratory distress syndrome secondary to ethylene glycol ingestion. Catchings TT, et al. **Ann Emerg Med** 1985 Jun;14(6):594-6

Acute ethylene glycol poisoning. DaRoza R, et al. **Crit Care Med** 1984 Nov;12(11):1003-5

Acute ethylene glycol poisoning [letter] Field DL. **Crit Care Med** 1985 Oct;13(10):872-3

Hemodialysis of a dog with acute renal failure. DiBartola SP, et al. **J Am Vet Med Assoc** 1985 Jun 15;186(12):1323-6

Some wine to break the ice [editorial] **Lancet** 1985 Aug 3;2(8449):254

Ethylene glycol poisoning [letter] Stinson RA. **Lancet** 1985 Sep 7;2(8454):552

Metabolic acidosis in diethylene glycol poisoning [letter] Vale JA, et al. **Lancet** 1985 Aug 17;2(8451):394

Developmental toxicity of ethylene glycol monopropyl ether in the rat. Krasavage WJ, et al. **Teratology** 1985 Aug;32(1):93-102

[A case of long-term coma caused by ethylene glycol poisoning] Grzeszczak W, et al. **Pol Tyg Lek** 1985 Feb 25;40(8):229-30 **(Pol)**

[Medico-legal diagnosis of acute ethylene glycol poisoning] Sakharov GIu, et al. **Sud Med Ekspert** 1984 Jul-Sep;27(3):28-31 (Eng. Abstr.) **(Rus)**

[Toxicokinetics of ethylene glycol during treatment of acute ethylene glycol poisoning] Kutlunin VP, et al. **Ter Arkh** 1984;56(7):117-9 **(Rus)**

[Optimal time for performing and increasing the effectiveness of early hemodialysis in ethylene glycol poisoning] Gembitskil EV, et al. **Voen Med Zh** 1985 Feb;(2):35-8 **(Rus)**

[Acute uremia due to ethylene glycol poisoning (antifreeze)] Radlović O, et al. **Srp Arh Celok Lek** 1984 Feb;112(2):239-42 (Eng. Abstr.) **(Scc)**

THERAPEUTIC USE

[Venacorn or anavenol in the prevention of thromboembolic complications in pregnant women] Liber Z, et al. **Wiad Lek** 1984 Apr 15;37(8):613-8 (Eng. Abstr.) **(Pol)**

TOXICITY

Reversible subacute ethylene glycol monomethyl ether toxicity associated with microfilm production: a case report. Cohen R. **Am J Ind Med** 1984;6(6):441-6

The effects on the rat testis of single inhalation exposures to ethylene glycol monoalkyl ethers, in particular ethylene glycol monomethyl ether. Samuels DM, et al. **Arch Toxicol [Suppl]** 1984;7:167-70

Developmental effects after inhalation exposure of gravid rabbits and rats to ethylene glycol monoethyl ether. Andrew FD, et al. **Environ Health Perspect** 1984 Aug;57:13-23

Subchronic inhalation toxicology of ethylene glycol monoethyl ether in the rat and rabbit. Barbee SJ, et al. **Environ Health Perspect** 1984 Aug;57:157-63

Effects of ethylene glycol monomethyl ether on various parameters of testicular function in the F344 rat. Chapin RE, et al. **Environ Health Perspect** 1984 Aug;57:219-24

Measuring exposures to glycol ethers. Clapp DE, et al. **Environ Health Perspect** 1984 Aug;57:91-5

Further studies on the toxicology of the glycol ethers with emphasis on rapid screening and hazard assessment. Doe JE. **Environ Health Perspect** 1984 Aug;57:199-206

Ethylene glycol monoethyl ether and ethylene glycol monoethyl ether acetate teratology studies. Doe JE. **Environ Health Perspect** 1984 Aug;57:33-41

Testicular toxicity produced by ethylene glycol monomethyl and monoethyl ethers in the rat. Foster PM, et al. **Environ Health Perspect** 1984 Aug;57:207-17

Ethylene glycol monomethyl ether (EGME) and propylene glycol monomethyl ether (PGME): inhalation fertility and teratogenicity studies in rats, mice and rabbits. Hanley TR Jr, et al. **Environ Health Perspect** 1984 Aug;57:7-12

Developmental toxicity of four glycol ethers applied cutaneously to rats. Hardin BD, et al. **Environ Health Perspect** 1984 Aug;57:69-74

Effects of ethylene glycol monomethyl (EGME) and monoethyl (EGEE) ethers on the immunocompetence of allogeneic and syngeneic mice bearing L1210 mouse leukemia. Houchens DP, et al. **Environ Health Perspect** 1984 Aug;57:113-8

Developmental toxicity and structure/activity correlates of glycols and glycol ethers. Johnson EM, et al. **Environ Health Perspect** 1984 Aug;57:135-9

Comparative acute and subchronic toxicity of ethylene glycol monopropyl ether and ethylene glycol monopropyl ether acetate. Katz GV, et al. **Environ Health Perspect** 1984 Aug;57:165-75

Developmental toxicity of ethylene glycol monopropyl ether acetate (EGPEA) in the rat. Krasavage WJ, et al. **Environ Health Perspect** 1984 Aug;57:25-32

Reproductive toxicity of ethylene glycol monoethyl ether tested by continuous breeding of CD-1 mice. Lamb JC 4th, et al. **Environ Health Perspect** 1984 Aug;57:85-90

Interruption of cell-cell communication in Chinese hamster V79 cells by various alkyl glycol ethers: implications for teratogenicity. Loch-Caruso R, et al. **Environ Health Perspect** 1984 Aug;57:119-23

Summary of CMA glycol ether research activities. Lyon JP. **Environ Health Perspect** 1984 Aug;57:5-6

Genotoxicity of glycol ethers. McGregor DB. **Environ Health Perspect** 1984 Aug;57:97-103

Toxicities of ethylene glycol and ethylene glycol monoethyl ether in Fischer 344/N rats and B6C3F1 mice. Melnick RL. **Environ Health Perspect** 1984 Aug;57:147-55

Ethylene glycol monomethyl ether and propylene glycol monomethyl ether: metabolism, disposition, and subchronic inhalation toxicity studies. Miller RR, et al. **Environ Health Perspect** 1984 Aug;57:233-9

Experimental studies on toxicity of ethylene glycol alkyl ethers in Japan. Nagano K, et al. **Environ Health Perspect** 1984 Aug;57:75-84

Reproductive toxicity of the industrial solvent 2-ethoxyethanol in rats and interactive effects of ethanol. Nelson BK, et al. **Environ Health Perspect** 1984 Aug;57:255-9

Behavioral teratology of ethylene glycol monomethyl and monoethyl ethers. Nelson BK, et al. **Environ Health Perspect** 1984 Aug;57:43-6

Comparative inhalation teratogenicity of four glycol ether solvents and an amino derivative in rats. Nelson BK, et al. **Environ Health Perspect** 1984 Aug;57:261-71

Results of testing fifteen glycol ethers in a short-term in vivo reproductive toxicity assay. Schuler RL, et al. **Environ Health Perspect** 1984 Aug;57:141-6

Mutagenicity testing of diethylene glycol monobutyl ether. Thompson ED, et al. **Environ Health Perspect** 1984 Aug;57:105-12

Teratologic evaluation of ethylene glycol monobutyl ether in Fischer 344 rats and New Zealand white rabbits following inhalation exposure. Tyl RW, et al. **Environ Health Perspect** 1984 Aug;57:47-68

Acute and subchronic toxicity of ethylene glycol monobutyl ether. Tyler TR. **Environ Health Perspect** 1984 Aug;57:185-91

Inhibition of intercellular communication between normal human embryonal palatal mesenchyme cells by teratogenic glycol ethers. Welsch F, et al. **Environ Health Perspect** 1984 Aug;57:125-33

Spermatotoxicity associated with acute and subchronic ethoxyethanol treatment. Zenick H, et al. **Environ Health Perspect** 1984 Aug;57:225-31

Effects of ethylene glycol monomethyl ether (EGME) on mating performance and epididymal sperm parameters in F344 rats. Chapin RE, et al. **Fundam Appl Toxicol** 1985 Feb;5(1):182-9

The recovery of the testis over 8 weeks after short-term dosing with ethylene glycol monomethyl ether: histology, cell-specific enzymes, and rete testis fluid protein. Chapin RE, et al. **Fundam Appl Toxicol** 1985 Jun;5(3):515-25

Male reproductive toxicity and recovery associated with acute ethoxyethanol exposure in rats. Oudiz DJ, et al. **J Toxicol Environ Health** 1984;13(4-6):763-75

Developmental toxicity of nine selected compounds following prenatal exposure in the mouse: naphthalene, p-nitrophenol, sodium selenite, dimethyl phthalate, ethylenethiourea, and four glycol ether derivatives. Plasterer MR, et al. **J Toxicol Environ Health** 1985;15(1):25-38

Embryotoxic effects of EGTA-induced hypocalcemic condition on cultured rat embryos. Yokoyama A, et al. **Res Commun Chem Pathol Pharmacol** 1985 May;48(2):309-12

Acute toxicity and recovery in the hemopoietic system of rats after treatment with ethylene glycol monomethyl and monobutyl ethers. Grant D, et al. **Toxicol Appl Pharmacol** 1985 Feb;77(2):187-200

Developmental phase-specific and dose-related teratogenic effects of ethylene glycol monomethyl ether in CD-1 mice. Horton VL, et al. **Toxicol Appl Pharmacol** 1985 Aug;80(1):108-18

Immunological studies in B6C3F1 mice following exposure to ethylene glycol monomethyl ether and its principal metabolite methoxyacetic acid. House RV, et al. **Toxicol Appl Pharmacol** 1985 Feb;77(2):358-62

In vitro cytotoxicity of glycol ethers and oxidation products in CHO cells. Jäckh R, et al. **Toxicol Lett** 1985 Jul;26(1):73-7

[Experimental and clinical studies on calcium urolithiasis: (I) Animal model for calcium oxalate urolithiasis using ethylene glycol and 1-alpha (OH) D3] Okada Y, et al. **Hinyokika Kiyo** 1985 Apr;31(4):565-77 (Eng. Abstr.) **(Jpn)**

URINE

[Quantitative analysis of urinary ethylene glycol in rats exposed to ethylene oxide] Koga M, et al. **Sangyo Ika Daigaku Zasshi** 1985 Mar 1;7(1):45-9 (Eng. Abstr.) **(Jpn)**

ETHYLENE OXIDE

Preliminary study of ethylene oxide sterilization of full-thickness cortical allografts used in segmental femoral fracture repair. Johnson AL, et al. **Am J Vet Res** 1985 May;46(5):1050-6

An evaluation of the accuracy and reliability of ethylene oxide diffusion badge monitors. Loving TJ, et al. **Med Instrum** 1984 Nov-Dec;18(6):309-17

Agency scraps plan to limit ethylene oxide [news] Sun M. **Science** 1985 Jan 25;227(4685):392-3

[Gas chromatographic determination of micro-quantities of ethylene oxide in polymeric articles for medical use] Baranova NI, et al. **Gig Sanit** 1985 Apr;(4):64-6 **(Rus)**

ADVERSE EFFECTS

An evaluation of possible effects on health following exposure to ethylene oxide. Richmond GW, et al. **Arch Environ Health** 1985 Jan-Feb;40(1):20-5

Ethylene oxide withdrawal delirium [letter] Endo M, et al. **Biol Psychiatry** 1984 Dec;19(12):1731-4

A cross sectional study of employees with potential occupational exposure to ethylene oxide. Currier MF, et al. **Br J Ind Med** 1984 Nov;41(4):492-8

Cytogenetic, immunological, and haematological effects in workers in an ethylene oxide manufacturing plant. Van Sittert NJ, et al. **Br J Ind Med** 1985 Jan;42(1):19-26

Ethylene oxide polyneuropathy: clinical follow-up study with morphometric and electron microscopic findings in a sural nerve biopsy. Schröder JM, et al. **J Neurol** 1985;232(2):83-90

Cytogenetic damage in workers exposed to ethylene oxide. Sarto F, et al. **Mutat Res** 1984 Nov-Dec;138(2-3):185-95

Anaphylactoid reactions during haemodialysis are due to ethylene oxide hypersensitivity. Nicholls AJ, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:173-7

Sister-chromatid exchanges and chromosome aberrations in lymphocytes from monkeys exposed to ethylene oxide and propylene oxide by inhalation. Lynch DW, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):85-95

Carcinogenic and toxicologic effects of inhaled ethylene oxide and propylene oxide in F344 rats. Lynch DW, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):69–84

[Immediate allergy to ethylene oxide in a hemodialyzed patient (letter)] Meynadier JM, et al. **Presse Med** 1985 Jun 1;14(22):1245 **(Fre)**

[Body burden of service personnel in ethylene oxide sterilization] Herzog V, et al. **Z Gesamte Hyg** 1984 Sep; 30(9):510–3 (Eng. Abstr.) **(Ger)**

ANALOGS & DERIVATIVES

Allergic dermatitis from etofenamate. Balato N, et al. **Contact Dermatitis** 1984 Sep;11(3):190

ANALYSIS

Laboratory validation and field verification of a new passive air monitoring badge for sampling ethylene oxide in air. Kring EV, et al. **Am Ind Hyg Assoc J** 1984 Oct; 45(10):697–707

Concentration of ethylene oxide in the alveolar air of occupationally exposed workers. Brugnone F, et al. **Am J Ind Med** 1985;8(1):67–72

Rapid gas chromatographic determination of ethylene oxide, ethylene chlorohydrin, and ethylene glycol residues in rubber catheters. Muzeni RJ. **J Assoc Off Anal Chem** 1985 May–Jun;68(3):506–8

Determination of ethylene oxide, ethylene chlorohydrin, and ethylene glycol in aqueous solutions and ethylene oxide residues in associated plastics. Ball NA. **J Pharm Sci** 1984 Sep;73(9):1305–7

Microcomputer–based system for real–time computation of time–weighted average levels of ethylene oxide and other gases. McCullough CE. **Med Instrum** 1985 May–Jun; 19(3):136–40

[Variability in the residual concentration of ethylene oxide in artificial lenses] Delbecque P, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1243–4 **(Fre)**

[Study of the desorption of ethylene oxide from different plastic materials sterilized by the gas] Delattre L, et al. **J Pharm Belg** 1985 May–Jun;40(3):163–7 (Eng. Abstr.) **(Fre)**

[Gas chromatographic determination of ethylene oxide in atmospheric air] Kuznetsova LV. **Gig Sanit** 1984 Oct; (10):52–3 **(Rus)**

IMMUNOLOGY

IgE against ethylene oxide–altered human serum albumin in patients with anaphylactic reactions to dialysis. Grammer LC, et al. **J Allergy Clin Immunol** 1985 Sep;76(3):511–4

Reactions during hemodialysis caused by allergy to ethylene oxide gas sterilization. Marshall CP, et al. **J Allergy Clin Immunol** 1985 May;75(5):563–7

METABOLISM

Inhalation pharmacokinetics based on gas uptake studies. VI. Comparative evaluation of ethylene oxide and butadiene monoxide as exhaled reactive metabolites of ethylene and 1,3–butadiene in rats. Filser JG, et al. **Arch Toxicol** 1984 Oct;55(4):219–23

Olefinic hydrocarbons: a first risk estimate for ethene. Bolt HM, et al. **Toxicol Pathol** 1984;12(1):101–5

[Quantitative analysis of urinary ethylene glycol in rats exposed to ethylene oxide] Koga M, et al. **Sangyo Ika Daigaku Zasshi** 1985 Mar 1;7(1):45–9 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

Ethylene oxide and some factors affecting the mutagen sensitivity of sister chromatid exchange in humans. Garry VF, et al. **Basic Life Sci** 1984;29 Pt B:975–85

IgE against ethylene oxide–altered human serum albumin in patients who have had acute dialysis reactions. Grammer LC, et al. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 1):544–6

The influence of water on the resistance of spores to inactivation by gaseous ethylene oxide. Dadd AH, et al. **J Appl Bacteriol** 1985 Jun;58(6):613–21

Effect of deficiency in excision repair and umuC function on the mutagenicity with ethylene oxide in the lacI gene of E. coli. Kolman A. **Mutat Res** 1985 Jul;146(1):43–6

POISONING

[Polyneuropathy caused by ethylene dioxide] Kovač S, et al. **Arh Hig Rada Toksikol** 1984 Mar;35(1):3–10 (Eng. Abstr.) **(Scr)**

TOXICITY

Ethylene oxide induces central–peripheral distal axonal degeneration of the lumbar primary neurones in rats. Ohnishi A, et al. **Br J Ind Med** 1985 Jun;42(6):373–9

Lack of miscoding properties of 7–(2–oxoethyl)guanine, the major vinyl chloride–DNA adduct. Barbin A, et al. **Cancer Res** 1985 Jun;45(6):2440–4

Mutagenicity and toxicity of chloroethylene oxide and chloroacetaldehyde. Perrard MH. **Experientia** 1985 May 15;41(5):676–7

Toxicity potential of absorbed–retained ethylene oxide residues in culture dishes on embryo development in vitro. Schiewe MC, et al. **J Anim Sci** 1985 Jun;60(6):1610–8

Chromosome analysis of lymphocytes from workers at an ethylene oxide plant. Clare MG, et al. **Mutat Res** 1985 Apr–May;156(1–2):109–16

Sister–chromatid exchanges in human lymphocytes after a non–S–phase incubation period to allow excision DNA repair–in vitro exposure to N–acetoxy–2–acetylaminofluorene and ethylene oxide. Hedner K, et al. **Mutat Res** 1984 Oct;129(1):71–6

Specific–locus mutation rates in the mouse following inhalation of ethylene oxide, and application of the results to estimation of human genetic risk. Russell LB, et al. **Mutat Res** 1984 Dec;129(3):381–8

Sister–chromatid exchanges in association with occupational exposure to ethylene oxide. Stolley PD, et al. **Mutat Res** 1984 Oct;129(1):89–102

Brain tumors in F344 rats associated with chronic inhalation exposure to ethylene oxide. Garman RH, et al. **Neurotoxicology (Little Rock Ar)** 1985 Spring;6(1):117–37

A subchronic inhalation study on the toxicologic potential of ethylene oxide in B6C3F1 mice. Snellings WM, et al. **Toxicol Appl Pharmacol** 1984 Dec;76(3):510–8

[Toxicity of ethylene oxide and its importance for man] Sarto F. **Med Lav** 1984 Jul–Aug;75(4):254–63 (Eng. Abstr.) **(Ita)**

[Cytogenetic effects of gaseous and volatile chemicals on mammalian cells in vitro and in vivo. II. Micronucleus tests in mice] Sofuni T, et al. **Eisei Shikenjo Hokoku** 1984; (102):84–90 (Eng. Abstr.) **(Jpn)**

[Cytogenetic effects of gaseous and volatile chemicals on mammalian cells in vitro and in vivo. I. Chromosome aberration tests in cultured mammalian cells] Sofuni T, et al. **Eisei Shikenjo Hokoku** 1984;(102):77–83 (Eng. Abstr.) **(Jpn)**

ETHYLENE POLYMERS see **POLYETHYLENES**

ETHYLENEBIS(DITHIOCARBAMATES) see under **THIOCARBAMATES**

ETHYLENEDIAMINES

ADMINISTRATION & DOSAGE

Effects of theophylline–ethylendiamine on chronic pulmonary arterial hypertension secondary to chronic obstructive pulmonary disease. Panuccio P, et al. **G Ital Cardiol** 1984;14 Suppl 1:74–6

ADVERSE EFFECTS

Ethylenediamine contact dermatitis. Balato N, et al. **Contact Dermatitis** 1984 Aug;11(2):112–4

Allergic contact dermatitis in early infancy. Fisher AA. **Cutis** 1985 Apr;35(4):315–6

ANALYSIS

Determination of triethylenetetramine dihydrochloride in aqueous solution by reversed–phase ion–pairing high performance liquid chromatography and conductivity detection. Hansen EB Jr, et al. **J Anal Toxicol** 1985 Jul–Aug;9(4):167–71

Effect of pH on absorbance of azo dye formed by reaction between nitrite and sulfanilamide/N–(1–naphthyl)ethylenediamine in residual nitrite methods for foods. Davis CE, et al. **J Assoc Off Anal Chem** 1985 May–Jun;68(3):485–8

Nmr study of theophylline–ethylenediamine interaction in aqueous solution. Tashma Z. **J Pharm Pharmacol** 1984 Nov; 36(11):758–60

DIAGNOSTIC USE

Iron–EHPG as an hepatobiliary MR contrast agent: initial imaging and biodistribution studies. Lauffer RB, et al. **J Comput Assist Tomogr** 1985 May–Jun;9(3):431–8

Technetium–99m DADS complexes as renal function and imaging agents: II. Biological comparison with iodine–131 hippuran. McAfee JG, et al. **J Nucl Med** 1985 Apr; 26(4):375–84

METABOLISM

Age–dependent pharmacokinetic changes of ethylenediamine in Fischer 344 rats parallel to a two–year chronic toxicity study. Yang RS, et al. **Fundam Appl Toxicol** 1984 Aug; 4(4):663–70

The effects of colchicine analogues on the reaction of tubulin with iodo[14C]acetamide and N,N'–ethylenebis(iodoacetamide). Roach MC, et al. **J Biol Chem** 1985 Mar 10;260(5):3015–23

Phenolic aminocarboxylic acids as gallium–binding radiopharmaceuticals. Hunt FC. **Nuklearmedizin** 1984 Jun; 23(3):123–5

PHARMACODYNAMICS

Evidence that ethylenediamine acts in the isolated ileum of the guinea–pig by releasing endogenous GABA. Kerr DI, et al. **Br J Pharmacol** 1984 Sep;83(1):169–77

The action of gamma–aminobutyric acid (GABA) and ethylenediamine (EDA) on Limulus and Helix central neurones and rat cerebellar and sympathetic ganglion neurones. Bokisch AJ, et al. **Gen Pharmacol** 1984; 15(6):497–504

Cytosolic Ca2+ homeostasis in Ehrlich and Yoshida carcinomas. A new, membrane–permeant chelator of heavy metals reveals that these ascites tumor cell lines have normal cytosolic free Ca2+. Arslan P, et al. **J Biol Chem** 1985 Mar 10;260(5):2719–27

Different effects of tubulin ligands on the intrachain cross–linking of beta 1–tubulin. Roach MC, et al. **J Biol Chem** 1984 Oct 10;259(19):12063–71

N–substituted imidazolines and ethylenediamines and their action on alpha– and beta–adrenergic receptors. Hamada A, et al. **J Med Chem** 1985 Sep;28(9):1269–73

The influence of bicarbonate ions on the GABA–mimetic activity of ethylenediamine. Hill DR. **Neuropharmacology** 1985 Feb;24(2):147–55

Actions of GABA and ethylenediamine on CA1 pyramidal neurones of the rat hippocampus. Blaxter TJ, et al. **Q J Exp Physiol** 1985 Jan;70(1):75–93

[Preliminary pharmacological evaluation of new imidazolidinone–2, ethylenediamine and imidazoline derivatives] Jagiełło–Wójtowicz E, et al. **Acta Pol Pharm** 1984;41(4):495–504 (Eng. Abstr.) **(Pol)**

[Central effect of new derivatives of ethylenediamine and imidazolidinone–2] Zebrowska–Lupina I, et al. **Acta Pol Pharm** 1984;41(6):687–94 (Eng. Abstr.) **(Pol)**

THERAPEUTIC USE

Efficacy of ethylenediamine dihydriodide in the prevention of naturally occurring foot rot in cattle. Maas J, et al. **Am J Vet Res** 1984 Nov;45(11):2347–50

A comparison of therapies which may influence trace metals in rheumatoid arthritis. Dixon JS, et al. **Clin Rheumatol** 1984 Dec;3(4):451–7

Wilson's disease in one identical twin and treatment by triethylene tetramine 2HCl in another case. Watson RG. **Ulster Med J** 1983;52(1):48–53

TOXICITY

Dermal oncogenicity studies on ethylenediamine in male C3H mice. DePass LR, et al. **Fundam Appl Toxicol** 1984 Aug; 4(4):641–5

Two–generation reproduction study of ethylenediamine in Fischer 344 rats. Yang RS, et al. **Fundam Appl Toxicol** 1984 Aug;4(4):539–46

ETHYLENEDIAMINETETRAACETIC ACID see **EDTA**

ETHYLENES

see related
POLYETHYLENES

ANALYSIS

[Hygienic evaluation of working conditions in the present–day processing of ethylene and propylene] Karimova LK. **Gig Tr Prof Zabol** 1984 Dec;(12):41–4 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Possible implications of reciprocity between ethylene and aflatoxin biogenesis in Aspergillus flavus and Aspergillus parasiticus. Sharma A, et al. **Appl Environ Microbiol** 1985 Jan;49(1):79–82

Ethylene formation by cultures of Escherichia coli. Ince JE, et al. **Arch Microbiol** 1985 Apr;141(3):209–13

Oxy radical formation during redox cycling of the bleomycin–iron (III) complex by NADPH–cytochrome P–450 reductase. Mahmutoglu I, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3091–4

METABOLISM

Inhalation pharmacokinetics based on gas uptake studies. V. Comparative pharmacokinetics of ethylene and 1,3–butadiene in rats. Bolt HM, et al. **Arch Toxicol** 1984 Oct;55(4).213–8

Inhalation pharmacokinetics based on gas uptake studies. VI. Comparative evaluation of ethylene oxide and butadiene monoxide as exhaled reactive metabolites of ethylene and 1,3–butadiene in rats. Filser JG, et al. **Arch Toxicol** 1984 Oct;55(4):219–23

Enhanced production of ethylene from methional by iron chelates and heme containing proteins in the system consisting of quinone compounds and NADPH–cytochrome P–450 reductase. Komiyama T, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):977–83

In vivo production of ethylene from 2–keto–4–methylthiobutyrate in mice. Lawrence GD, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3231–6

Chlorinated ethylenes: their metabolism and effect on DNA repair in rat hepatocytes. Costa AK, et al. **Carcinogenesis** 1984 Dec;5(12):1629–36

Olefinic hydrocarbons: a first risk estimate for ethene. Bolt HM, et al. **Toxicol Pathol** 1984;12(1):101–5

TOXICITY

In vitro transformation of BALB/c–3T3 cells by chlorinated ethanes and ethylenes. Tu AS, et al. **Cancer Lett** 1985 Aug; 28(1):85–92

ETHYLENETHIOUREA see under **IMIDAZOLES**

ETHYLESTRENOLONE see **NORETHANDROLONE**

ETHYLMALEIMIDE

DIAGNOSTIC USE

Localization of the N-ethylmaleimide reactive cysteine in the beef heart mitochondrial ADP/ATP carrier protein. Boulay F, et al. **Biochemistry** 1984 Sep 25;23(20):4807-12

METABOLISM

Ligand-induced variations in the reactivity of thio groups of the alpha-subunit of the acetylcholine receptor from Torpedo californica. de Souza Otero A, et al. **Biochemistry** 1984 May 22;23(11):2321-8

PHARMACODYNAMICS

Cell volume and metabolic dependence of NEM-activated K+-Cl- flux in human red blood cells. Lauf PK, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C124-8

N-ethylmaleimide causes mechanical fragility and accumulation of spectrin dimers in the rat erythrocyte membrane. Kalraiya RD, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):157-62

Effects of A23187 and Ca2+ on volume- and thiol-stimulated, ouabain-resistant K+C1- fluxes in low K+ fluxes in low K+ sheep erythrocytes. Lauf PK, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):790-6

Effects of metabolic inhibitors on the distribution of 45-Ca in subcellular fractions from pancreatic islets. Nygren P, et al. **Biochem Int** 1985 Jun;10(6):881-8

Agonist/N-ethylmaleimide mediated inactivation of beta-adrenergic receptors. Molecular aspects. Severne Y, et al. **Biochem Pharmacol** 1985 May 15;34(10):1611-7

Chemical modification of the Na+/H+ exchanger of thymic lymphocytes. Inhibition by N-ethylmaleimide. Grinstein S, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):213-22

Erythrocyte Lii-Nao countertransport system. Inhibition by N-ethylmaleimide probes for a conformational change of the transport system. Levy R, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):157-66

Involvement of sulfhydryl groups in the inhibition of brain (Na+ + K+)-ATPase by pyrithiamin. Matsuda T, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):17-24

Effects of N-ethylmaleimide on ouabain-insensitive cation fluxes in human red cell ghosts. Smith DK, et al. **Biochim Biophys Acta** 1985 Aug 27;818(2):251-9

N-ethylmaleimide as oxidizing agent in biological and non-biological systems. Marzulli D, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):121-7

The aminoglycoside antibiotic, gentamicin, fails to block increases in miniature endplate potential frequency induced by the sulfhydryl reagent, N-ethylmaleimide, in low calcium solutions. Carlson CG, et al. **Brain Res** 1985 Mar 25;330(2):349-52

Changes in the organization of actin and myosin in non-muscle cells induced by N-ethylmaleimide. Karlsson R, et al. **Exp Cell Res** 1985 Mar;157(1):95-115

Involvement of thiols in gastric cancer induced by N-methyl-N'-nitro-N-nitrosoguanidine: biochemical and autoradiographic studies. Kleihues P, et al. **IARC Sci Publ** 1984;(57):603-8

Beta-endorphin does not protect alkylation of opiate receptor by N-ethylmaleimide. Westphal M, et al. **Int J Pept Protein Res** 1985 Apr;25(4):403-7

Modification of radiation and dihydroxyanthraquinone-induced cell lethality by cysteamine and N-ethylmaleimide. Kimler BF, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1683-6

A comparative study of sulfhydryl groups required for the catalytic activity of gramicidin S synthetase and isoleucyl tRNA synthetase. Kanda M, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):701-11

Modification of thiols of gizzard myosin alters ATPase activity, stability of myosin filaments, and the 6-10 S conformational transition. Chandra TS, et al. **J Biol Chem** 1985 Jan 10;260(1):202-7

Effect of sulfhydryl modification on the activities of rat liver 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase. El-Maghrabi MR, et al. **J Biol Chem** 1984 Nov 10;259(21):13104-10

The inhibition of hexose transport by permeant and impermeant sulfhydryl agents in rat adipocytes. May JM. **J Biol Chem** 1985 Jan 10;260(1):462-7

Mild proteolytic digestion restores exocytotic activity to N-ethylmaleimide-inactivated cell surface complex from sea urchin eggs. Jackson RC, et al. **J Cell Biol** 1985 Jul;101(1):6-11

Racial differences in bumetanide-sensitive cotransport and N-ethylmaleimide-stimulated potassium efflux. Weder AB, et al. **Life Sci** 1985 May 13;36(19):1813-8

N-ethylmaleimide-induced changes in agonist affinity for histamine H1-receptors in the guinea pig brain. Yeramian E, et al. **Mol Pharmacol** 1985 Aug;28(2):155-62

Effects of N-ethylmaleimide on adenosine receptors of rat fat cells and human platelets. Ukena D, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep;327(3):247-53

Muscarinic acetylcholine receptors in chick heart: influence of heat and N-ethylmaleimide on receptor conformations and interactions with guanine nucleotide-dependent regulatory proteins. Aronstam RS, et al. **Neurosci Lett** 1985 Mar 15;54(2-3):289-94

Different effects of N-ethylmaleimide on M1 and M2 muscarine receptors in rat brain. Flynn DD, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):580-3

Biphasic regulation of detergent-solubilized muscarinic acetylcholine receptors from rat cerebral cortex by N-ethylmaleimide. Dennison RL Jr, et al. **Res Commun Chem Pathol Pharmacol** 1985 Mar;47(3):465-8

ETHYLMERCURIALS see **ETHYLMERCURY COMPOUNDS**

ETHYLMERCURY CHLORIDE see under **ETHYLMERCURY COMPOUNDS**

ETHYLMERCURY COMPOUNDS

Investigations on the mutagenicity of two organomercurial pesticides, Ceresan and Agallol 3, in Drosophila melanogaster. Gayathri MV, et al. **Environ Res** 1985 Feb;36(1):218-29

[Merthiolate-preserved homografts for arterial transplantation: surgery and long-term results] Fan DJ, et al. **Chung Hua Wai Ko Tsa Chih** 1985 May;23(5):261-4, 317 (Eng. Abstr.) (Chi)

ADVERSE EFFECTS

Solution intolerance among users of four chemical soft lens care regimens. Coward BD, et al. **Am J Optom Physiol Opt** 1984 Aug;61(8):523-7

Reactions induced by the concurrent use of thimerosal and tetracycline. Crook TG, et al. **Am J Optom Physiol Opt** 1983 Sep;60(9):759-61

Contact-lens hand [letter] Stolman LP, et al. **N Engl J Med** 1984 Dec 6;311(23):1521

[The surgical treatment of large eventrations using skin homografts preserved in cialit] Schneider S. **Ann Gastroenterol Hepatol (Paris)** 1984 Jul-Sep;20(4):191-4 (Eng. Abstr.) (Fre)

ANALYSIS

Gas chromatographic determination of thimerosal in pharmaceutical formulations. Biffoli R, et al. **Pharm Acta Helv** 1984;59(12):345-7

DIAGNOSTIC USE

Merthiolate iodine formaldehyde test for detection of intestinal parasites. Bhandari B, et al. **Indian Pediatr** 1984 Oct;21(10):803-6

METABOLISM

Interaction of alkylmercuric compounds with sodium selenite. III. Biotransformation, levels of metallothioneinlike proteins and endogenous copper in some tissues of rats exposed to methyl or ethylmercuric chloride with and without sodium selenite. Brzeźnicka EA, et al. **Environ Health Perspect** 1985 May;60:423-31

PHARMACODYNAMICS

Evidence for thimerosal induced cytoprotection on rat stomach. Postius S. **Acta Physiol Hung** 1984;64(3-4):269-73

Modified cation activation of the (Na+K)-ATPase following treatment with thimerosal. Kaplan JH, et al. **Arch Biochem Biophys** 1985 Mar;237(2):386-95

Example of a thimerosal-dependent antibody without apparent blood group specificity. Mason JM, et al. **Vox Sang** 1985;48(5):313-6

[Effect of the antiseptic merthiolate and its derivatives on fungi causing deterioration] Zaikina NA, et al. **Biol Nauki** 1985;(6):92-6 (Eng. Abstr.) (Rus)

TOXICITY

Determination of mercury and organomercurial resistance in obligate anaerobic bacteria. Rudrik JT, et al. **Can J Microbiol** 1985 Mar;31(3):276-81

Investigations on the mutagenicity of two organomercurial pesticides, Ceresan and Agallol 3, in Drosophila melanogaster. Gayathri MV, et al. **Environ Res** 1985 Feb;36(1):218-29

ETHYLMESYLATE see **ETHYL METHANESULFONATE**

ETHYLMETHANE SULFONATE see **ETHYL METHANESULFONATE**

ETHYLMETHYLGLUTARIMIDE see **BEMEGRIDE**

ETHYLMORPHINE see under **MORPHINE DERIVATIVES**

ETHYLMORPHINE-N-DEMETHYLASE see under **OXIDOREDUCTASES, N-DEMETHYLATING**

ETHYLNITROSOUREA see under **NITROSOUREA COMPOUNDS**

ETHYLNORTESTOSTERONE see **NORETHANDROLONE**

ETHYLPHENYLEPHRINE see under **PHENYLEPHRINE**

ETHYLPHENYLEPOXYGERANYL ETHER see under **TERPENES**

ETHYNODIOL DIACETATE

ADVERSE EFFECTS

[Arterial occlusion in the ocular fundus induced by oral contraceptives] Vastag O, et al. **Orv Hetil** 1984 Dec 16;125(51):3121-5 (Eng. Abstr.) (Hun)

[Effect of long-term administration of Angravid on the morphological and ultrastructural picture of rat livers] Chibowski D, et al. **Patol Pol** 1984 Apr-Jun;35(2):167-78 (Eng. Abstr.) (Pol)

ANALOGS & DERIVATIVES

Dose- and time-dependent effects of a dimeric ethynodiol-testosterone depot-preparation in female rat. Kuhl H, et al. **Endocrinol Exp (Bratisl)** 1985 Jun;19(2):105-15

ETHYNYL ESTRADIOL see **ETHINYL ESTRADIOL**

ETIDOCAINE see under **ACETANILIDES**

ETIDRONIC ACID see **SODIUM ETIDRONATE**

ETIMIZOL see under **IMIDAZOLES**

ETIOCHOLANOLONE

ANALOGS & DERIVATIVES

Synthesis of 3 alpha,7 alpha-dihydroxy-5 beta-androstan-17-one. Lai CK, et al. **Steroids** 1983 Dec;42(6):707-11

BIOSYNTHESIS

Identification of potential antiatherosclerotic/hypolipidemic agents by their effect on hepatic conversion of androst-4-ene-3,17-dione to etiocholanolone and androsterone. Wasvary MJ, et al. **Atherosclerosis** 1985 Jan;54(1):23-36

THERAPEUTIC USE

A study of the efficacy of 5 alpha- and 5 beta-androstanes in chronic experimental aplastic anemia in mice. Najean Y, et al. **Nouv Rev Fr Hematol** 1984;26(6):391-6

ETIOPORPHYRINS see under **PORPHYRINS**

ETOMIDATE see under **IMIDAZOLES**

ETONITAZENE see under **BENZIMIDAZOLES**

ETOPOSIDE see under **PODOPHYLLOTOXIN**

ETORPHINE see under **MORPHINANS**

ETOXADROL see under **PIPERIDINES**

ETRETINATE

ADMINISTRATION & DOSAGE

[Inhibitory effects of aromatic retinoic acid analog, administered alone or in combination with mitomycin C, on the in vitro growth of rat bladder carcinoma cells] Fujita J, et al. **Hinyokika Kiyo** 1984 Nov;30(11):1627-31 (Eng. Abstr.) (Jpn)

ADVERSE EFFECTS

Retinoid dermatitis mimicking progression in mycosis fungoides: a report from the Scandinavian Mycosis Fungoides Group. Molin L, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):69-71

Erythroderma due to etretinate [letter] Levin J, et al. **Br J Dermatol** 1985 Mar;112(3):373

Serial liver biopsies in psoriatic patients receiving long-term etretinate. Roenigk HH Jr, et al. **Br J Dermatol** 1985 Jan;112(1):77-81

A sequential comparison of etretinate (Tigason) and isotretinoin (Roaccutane) with special regard to their effects on serum lipoproteins. Vahlquist C, et al. **Br J Dermatol** 1985 Jan;112(1):69-76

Chronic active hepatitis associated with etretinate therapy. Weiss VC, et al. **Br J Dermatol** 1985 May;112(5):591-7

A serious side-effect of etretinate (Tigason). Sillevis Smitt JH, et al. **Clin Exp Dermatol** 1984 Nov;9(6):554-6

Excess granulation tissue during etretinate therapy [letter] Hodak E, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1166-7

Diffuse hyperostosis associated with etretinate [letter] Burge S, et al. **Lancet** 1985 Aug 17;2(8451):397-8

Malformation of fetus conceived 4 months after termination of maternal etretinate treatment [letter] Grote W, et al. **Lancet** 1985 Jun 1;1(8440):1276

Impaired renal function and hypercalcaemia associated with etretinate [letter] Horber FF, et al. **Lancet** 1984 Nov 10;2(8411):1093

[Rupture of atrophic striae during pustular psoriasis treated with etretinate (Tigason)] Bordier C, et al.

Ann Dermatol Venereol 1984;111(10):929–31 (Fre)

[Development outbreak of ankylosing vertebral hyperostosis induced by a retinoid (letter)] Bennet P, et al. **Presse Med** 1985 Mar 9;14(10):596 (Fre)

[Hepatitis due to etretinate (letter)] Grimaud JC, et al. **Presse Med** 1985 Apr 13;14(15):844–5 (Fre)

[Teratogenic effects of etretinate in humans] Happle R, et al. **Dtsch Med Wochenschr** 1984 Sep 28;109(39):1476–80 (Eng. Abstr.) (Ger)

METABOLISM

Etretinate kinetics during chronic dosing in severe psoriasis. Massarella J, et al. **Clin Pharmacol Ther** 1985 Apr; 37(4):439–46

PHARMACODYNAMICS

Langerhans' cells in patients with psoriasis: effect of treatment with PUVA, PUVA bath, etretinate and anthralin. Czernielewski J, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):97–101

Changes in three-dimensional structure of cultured S91 mouse melanoma cells associated with growth inhibition and induction of melanogenesis by retinoids. Lauharanta J, et al. **Arch Dermatol Res** 1985;277(2):147–50

The effect of etretinate on the cyclo-oxygenase and lipoxygenase products of arachidonic acid metabolism in psoriatic skin. Wong E, et al. **Br J Clin Pharmacol** 1984 Oct;18(4):523–7

[The effects of retinoid on normal and acanthotic epidermis—cytofluorometric study] Kawamura K. **Nippon Hifuka Gakkai Zasshi** 1984 Aug;94(9):1031–8 (Jpn)

THERAPEUTIC USE

Reiter's disease: successful treatment of the skin manifestations with oral etretinate. Benoldi D, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):352–4

Mutilating palmoplantar keratoderma successfully treated with etretinate. Wereide K. **Acta Derm Venereol (Stockh)** 1984;64(6):566–9

Retinoids and psoriasis. Orfanos CE. **Acta Derm Venereol [Suppl] (Stockh)** 1984;112:37–41

A double-blind controlled trial of etretinate (Tigason) and ibuprofen in psoriatic arthritis. Hopkins R, et al. **Ann Rheum Dis** 1985 Mar;44(3):189–93

Etretinate therapy for psoriasis. Reduction of antibody-dependent cell-mediated cytotoxicity of polymorphonuclear leukocytes. Ellis CN, et al. **Arch Dermatol** 1985 Jul;121(7):877–80

Isotretinoin vs etretinate therapy in generalized pustular and chronic psoriasis. Moy RL, et al. **Arch Dermatol** 1985 Oct; 121(10):1297–301

Methotrexate and etretinate in the treatment of psoriasis [letter] Vanderveen EE, et al. **Arch Dermatol** 1984 Dec; 120(12):1555–6

The effect of aromatic retinoid Ro 10–9359 (etretinate) on fingernail growth. Galosi A, et al. **Arch Dermatol Res** 1985; 277(2):138–40

A case of mycosis fungoides treated with etretinate. Wargon O, et al. **Australas J Dermatol** 1984 Aug;25(2):77–9

Controlled trials of PUVA and etretinate for psoriasis [letter] Corbett M. **Br J Dermatol** 1985 Jan;112(1):121–2

The effect of etretinate compared with different regimens of PUVA in the treatment of persistent palmoplantar pustulosis. Lassus A, et al. **Br J Dermatol** 1985 Apr; 112(4):455–9

Harlequin fetus successfully treated with etretinate. Lawlor F, et al. **Br J Dermatol** 1985 May;112(5):585–90

Retinoids and PUVA in psoriasis [letter] Shuster S, et al. **Br J Dermatol** 1985 Jan;112(1):122–3

A case of eruptive keratoacanthoma treated by oral etretinate. Yoshikawa K, et al. **Br J Dermatol** 1985 May;112(5):579–83

Synthetic retinoids in dermatology. Heller EH, et al. **Can Med Assoc J** 1985 May 15;132(10):1129–36 (81 ref.)

Inhibition of growth and metastasis of syngeneic transplantable tumours by an aromatic retinoic acid analogue. 2. T cell dependence of retinoid effects in vivo. Eccles SA, et al. **Cancer Immunol Immunother** 1985; 19(2):115–20

Inhibition of growth and spontaneous metastasis of syngeneic transplantable tumors by an aromatic retinoic acid analogue. 1. Relationship between tumour immunogenicity and responsiveness. Eccles SA, et al. **Cancer Immunol Immunother** 1985;19(2):109–14

Hyperkeratotic porokeratosis (Mibelli) with psoriasis—response to an aromatic retinoid. Beer WE, et al. **Clin Exp Dermatol** 1984 Sep;9(5):509–13

Generalized pustular psoriasis in a child. van de Kerkhof PC. **Dermatologica** 1985;170(5):244–8

Oral treatment of psoriasis with etretinate. Yemane-Berhan T. **Ethiop Med J** 1984 Oct;22(4):185–7

Etretinate therapy in children with severe keratinization defects. Traupe H, et al. **Eur J Pediatr** 1985 Jan; 143(3):166–9 (30 ref.)

Etretinate improves localized porokeratosis of Mibelli. Campbell JP, et al. **Int J Dermatol** 1985 May;24(4):261–3

Etretinate in the treatment of disseminated porokeratosis of Mibelli. Hacham-Zadeh S, et al. **Int J Dermatol** 1985 May; 24(4):258–60

The role of etretinate (Tegison; Tigason) in the management of keratoacanthoma. Cristofolini M, et al. **J Am Acad Dermatol** 1985 Apr;12(4):633–8

Histologic changes in the liver during etretinate treatment. Foged E, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):580–3

Acrodermatitis continua of Hallopeau: treatment with etretinate and review of relapsing pustular eruptions of the hands and feet. Pearson LH, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 2):755–62

Etretinate: management of keratoma hereditaria mutilans in four family members. Rivers JK, et al. **J Am Acad Dermatol** 1985 Jul;13(1):43–9

Short-term etretinate for pustular psoriasis [letter] Rubin MG, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):896–7

Trimethylpsoralen bath plus ultraviolet A combined with oral retinoid (etretinate) in the treatment of severe psoriasis. Väätäinen N, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):52–5

Effects of treatment with aromatic retinoid (Ro 10–9359) for some diseases with keratinizing disorders. Timpatanapong P, et al. **J Med Assoc Thai** 1985 Feb;68(2):49–59

The treatment of erosive lichen planus with a retinoid—etretinate. Ferguson MM, et al. **Oral Surg Oral Med Oral Pathol** 1984 Sep;58(3):283–7

Re-PUVA. Lassus A. **Photodermatol** 1984 Dec;1(6):263–4

Retinoids in superficial bladder tumours update. Khoury S. **Prog Clin Biol Res** 1984;162B:347–54

Evaluation of lymphocyte subpopulations with monoclonal antibodies in five psoriatic patients treated with etretinate. Lazzini C, et al. **Ric Clin Lab** 1984 Jul–Sep;14(3):323–5

[Generalized ichthyosis associated with a spastic syndrome of the lower limbs, a variant of Sjögren-Larsson syndrome? Light and electron microscopy study of ichthyosis and its evolution with oral etretinate treatment] Lahmar L, et al. **Ann Dermatol Venereol** 1984;111(10):885–92 (Eng. Abstr.) (Fre)

[Cowden's disease: efficacy of etretinate on cutaneous and digestive manifestations] Thivolet J, et al. **Ann Dermatol Venereol** 1984;111(11):1017–8 (Fre)

[Treatment of psoriatic rheumatism with a retinoid derivative: etretinate. Open preliminary trial on 12 patients reviewed after 6 months] Rampon S, et al. **Rev Rhum Mal Osteoartic** 1985 Feb;52(2):127–31 (Fre)

[Etretinate: pro and con. Risk-benefit analysis of systemic retinoid therapy in psoriasis and recent developments: free aromatic acid, arotinoids] Gollnick H, et al. **Hautarzt** 1985 Jan;36(1):2–9 (Eng. Abstr.) (Ger)

[Congenital ichthyosiforme erythroderma, pregnancy under aromatic retinoid treatment] Jäger K, et al. **Hautarzt** 1985 Mar;36(3):150–3 (Eng. Abstr.) (Ger)

[Aromatic retinoid—oral photochemotherapy in chronic vegetating pyoderma] Krebs A, et al. **Hautarzt** 1985 Apr; 36(4):237–9 (Eng. Abstr.) (Ger)

[Uranitis circinata in Reiter's disease. Therapy with etretinate (Tigason)] Marghescu S, et al. **Hautarzt** 1985 May; 36(5):291–3 (Eng. Abstr.) (Ger)

[Pemphigus vegetans (Hallopeau) with eosinophilic spongiosis—successful retinoid therapy] Steiner A, et al. **Hautarzt** 1985 Jun;36(6):356–9 (Eng. Abstr.) (Ger)

[The Papillon-Lefevre syndrome (keratosis palmoplantaris with periodontopathy). Treatment with etretinate] Wehrmann W, et al. **Hautarzt** 1985 Mar;36(3):173–5 (Eng. Abstr.) (Ger)

[Retinoids and carcinogenesis] Mahrle G. **Z Hautkr** 1984 Dec 15;59(24):1655–6 (Ger)

[Generalized verrucosis in familial T-helper cell deficiency. Treatment with interferon and Tigason] Thiele B, et al. **Z Hautkr** 1985 Jun 15;60(12):929–37 (Eng. Abstr.) (Ger)

[Therapeutic results with the aromatic retinoid (Tigason) in Sharp syndrome and progressive scleroderma] Uhlmann A, et al. **Z Hautkr** 1985 May 15;60(10):774–6, 779–82 (Eng. Abstr.) (Ger)

[Meleda disease. 2 brothers treated with aromatic retinoids] Schiazza L, et al. **Minerva Pediatr** 1985 May 15;37(9):365–8 (Eng. Abstr.) (Ita)

[Treatment of psoriasis with aromatic retinoid derivatives (Tigason) (double-blind method)] Gruca S, et al. **Przegl Dermatol** 1984 May–Jun;71(3):273–8 (Eng. Abstr.) (Pol)

[Therapeutic response of angiolymphoid hyperplasia to treatment with aromatic retinoic acid] Alsina M, et al. **Med Cutan Ibero Lat Am** 1984;12(6):519–24 (Eng. Abstr.) (Spa)

[Subcorneal pustulosis and benign monoclonal gammopathy. Favorable response to treatment with etretinate] Palomo Arellano A, et al. **Rev Clin Esp** 1985 May;176(9):476–8 (Eng. Abstr.) (Spa)

TOXICITY

Ro 15–1570, a new sulfur-containing retinoid devoid of bone toxicity in rats. Kistler A, et al. **Arch Toxicol** 1984 Dec; 56(2):117–22

The first stage and complete promoting activity of retinoic acid but not the analog RO-10-9359. Fischer SM, et al. **Carcinogenesis** 1985 Apr;6(4):575–8

Teratogenic dose-response relationships of etretinate in the golden hamster. Williams KJ, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):977–82

EUBACTERIUM

CLASSIFICATION

Eubacteria, halobacteria, and the origin of photosynthesis: the photocytes. Lake JA, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3716–20

ENZYMOLOGY

Stimulation of 16-dehydroprogesterone and progesterone reductases of Eubacterium sp. strain 144 by hemin and hydrogen or pyruvate. Glass TL, et al. **Appl Environ Microbiol** 1985 May;49(5):1146–53

Two new restriction endonucleases DraII and DraIII from Deinococcus radiophilus. Grosskopf R, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1517–28

IMMUNOLOGY

Reaction of human sera with Eubacterium brachy: isolation and characterization of an extracellular antigen. Vincent JW, et al. **Infect Immun** 1985 Mar;47(3):592–7

Induction in rats of serum agglutinins to Eubacterium, Peptostreptococcus and Coprococcus species by the faecal flora from patients with Crohn's disease and healthy subjects. Hazenberg MP, et al. **J Hyg (Lond)** 1984 Oct; 93(2):345–8

HPLC purification and preparation of antibodies to cholic acid-inducible polypeptides from Eubacterium sp. V.P.I. 12708. Paone DA, et al. **J Lipid Res** 1984 Dec 1; 25(12):1343–9

METABOLISM

Polyamines in photosynthetic eubacteria and extreme-halophilic archaebacteria. Hamana K, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1653–8

EUCALYPTUS

Cyanide poisoning of goats from sugar gums (Eucalyptus cladocalyx). Webber JJ, et al. **Aust Vet J** 1985 Jan;62(1):28

The use of Chinese herbs folium ilicis chinensis decoction plus eucalyptus distillate for preoperative preparation of intestinal tract. Miao TJ, et al. **J Tradit Chin Med** 1984 Jun;4(2):149–52

PHYSIOLOGY

Germination of stress-tolerant Eucalyptus pollen. Heslop-Harrison J, et al. **J Cell Sci** 1985 Feb;73:135–57

EUGENICS

see related
GENETIC COUNSELING

Eugenics and the Registrar General [letter] Austoker J. **Br Med J [Clin Res]** 1985 Aug 10;291(6492):407–8

Was Margaret Sanger a racist? Valenza C. **Fam Plann Perspect** 1985 Jan–Feb;17(1):44–6

The misuse of biological hierarchies: the American eugenics movement, 1900–1940. Allen GE. **Pubbl Stn Zool Napoli [II]** 1983;5(2):105–28

[Medical thinking and ways of acting in national socialism] Degkwitz R. **Fortschr Neurol Psychiatr** 1985 Jun; 53(6):212–25 (Eng. Abstr.) (Ger)

[From racial myth to racial delusion and selection] Schmidt G. **Nervenarzt** 1985 Jul;56(7):337–47 (Ger)

[The past and present of medicine under Hitler] Wiemann DB, et al. **Przegl Lek** 1985;42(1):169–80 (Pol)

EUGENOL

ANALYSIS

Spectrophotometric methods for the determination of o-dihydroxybenzene derivatives. Sastry CS, et al. **Analyst** 1985 Apr;110(4):395–8

PHARMACODYNAMICS

Diminution of immediate reactions to cinnamic aldehyde by eugenol. Allenby CF, et al. **Contact Dermatitis** 1984 Nov; 11(5):322–3

Effect of eugenol on respiration and division in human pulp, mouse fibroblasts, and liver cells in vitro. Hume WR. **J Dent Res** 1984 Nov;63(11):1262–5

EUGLENA

METABOLISM

Synthetic abilities of Euglena chloroplasts in darkness. Gómez-Silva B, et al. **Biochim Biophys Acta** 1985 Aug 7;808(3):448–54

PHYSIOLOGY

Biochemical modeling of an autonomously oscillatory circadian clock in Euglena. Goto K, et al. **Science** 1985 Jun 14;228(4705):1284–8

EUGLENA GRACILIS

ANALYSIS

Physical properties of a plasmid-like DNA from Euglena gracilis. Cook JR, et al. **Biochim Biophys Acta** 1985 Jan 29;824(1):80-3

Euglena gracilis chloroplast elongation factor Tu. Interaction with guanine nucleotides and aminoacyl-tRNA. Sreedharan SP, et al. **J Biol Chem** 1985 Jul 25; 260(15):8771-6

Euglena gracilis chloroplast elongation factor Tu. Purification and initial characterization. Sreedharan SP, et al. **J Biol Chem** 1985 Mar 10;260(5):3126-31

CYTOLOGY

Cell cycle oscillators. Temperature compensation of the circadian rhythm of cell division in Euglena. Anderson RW, et al. **Exp Cell Res** 1985 Mar;157(1):144-58

Regulation of cell shape in Euglena gracilis. II. The effects of altered extra- and intracellular Ca2+ concentrations and the effect of calmodulin antagonists. Lonergan TA. **J Cell Sci** 1984 Oct;71:37-50

ENZYMOLOGY

The physiological role of oxygen-sensitive pyruvate dehydrogenase in mitochondrial fatty acid synthesis in Euglena gracilis. Inui H, et al. **Arch Biochem Biophys** 1985 Mar;237(2):423-9

Isolation and characterization of an acyl-CoA thioesterase from dark-grown Euglena gracilis. Larson JD, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):27-37

Purification and some properties of glyoxylate reductase (NADP+) and its functional location in mitochondria in Euglena gracilis z. Yokota A, et al. **Biochem J** 1985 Apr 1;227(1):211-6

Zinc deficiency and the Euglena gracilis chromatin: formation of an alpha-amanitin-resistant RNA polymerase II. Falchuk KH, et al. **Biochemistry** 1985 May 7; 24(10):2576-80

Microbial methylation of benzenethiols and release of methylthiobenzenes. Drotar AM, et al. **Experientia** 1985 Jun 15;41(6):762-4

Occurrence of oxygen-sensitive, NADP+-dependent pyruvate dehydrogenase in mitochondria of Euglena gracilis. Inui H, et al. **J Biochem (Tokyo)** 1984 Sep; 96(3):931-4

Purification and characterization of enzymes from Euglena gracilis that methylate methionine and arginine residues of cytochrome c. Farooqui JZ, et al. **J Biol Chem** 1985 Jan 10;260(1):537-45

Evidence for two RNA polymerase activities in Euglena gracilis chloroplasts. Greenberg BM, et al. **J Biol Chem** 1984 Dec 10;259(23):14880-7

Characterization of a Euglena gracilis chloroplast RNA polymerase specific for ribosomal RNA genes. Narita JO, et al. **J Biol Chem** 1985 Sep 15;260(20):11194-9

Two histone H1-specific protein-lysine N-methyltransferases from Euglena gracilis. Purification and characterization. Tuck MT, et al. **J Biol Chem** 1985 Jun 10;260(11):7114-21

Comparison of different methods for the determination of phenylalanine hydroxylase activity in rat liver and Euglena gracilis. Fink RM, et al. **Z Naturforsch [C]** 1984 Jul-Aug; 39(7-8):728-33

GENETICS

Streptomycin-resistance of Euglena gracilis chloroplasts: identification of a point mutation in the 16S rRNA gene in an invariant position. Montandon PE, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4299-310

Partial methylation of two adjacent adenosines in ribosomes from Euglena gracilis chloroplasts suggests evolutionary loss of an intermediate stage in the methyl-transfer reaction. Van Buul CP, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):9205-8

IMMUNOLOGY

Homologies between paraflagellar rod proteins from trypanosomes and euglenoids revealed by a monoclonal antibody. Gallo JM, et al. **Eur J Cell Biol** 1985 Mar; 36(2):163-8

METABOLISM

Phallotoxin-visualization of F-actin in normal and chromium-poisoned Euglena cells. Bassi M, et al. **Cell Biol Int Rep** 1984 Oct;8(10):867-71

PHYSIOLOGY

Effect of pronase treatment on step-down and step-up photophobic responses in Euglena gracilis. Walne PL, et al. **Cell Biol Int Rep** 1984 Dec;8(12):1017-27

Regulation of cell shape in Euglena gracilis. III. Involvement of stable microtubules. Lachney CL, et al. **J Cell Sci** 1985 Mar;74:219-37

EUGLOBULINS see **SERUM GLOBULINS**

EUKARYOTIC CELLS see under **CELLS**

EULER-GADDUM SUBSTANCE P see **SUBSTANCE P**

EUOTICUS see **GALAGO**

EUPATORIUM

Lung lesions in horses fed mist flower (Eupatorium riparium). Gibson JA, et al. **Aust Vet J** 1984 Aug;61(8):271

Investigations into Crofton weed (Eupatorium adenophorum) toxicity in horses. O'Sullivan BM. **Aust Vet J** 1985 Jan; 62(1):30-2

Suspected tremetol poisoning in horses. Olson CT, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):1001-3

EUPHORIA

DRUG EFFECTS

The antipodes of the mind. Cohen S. **J Subst Abuse Treat** 1984;1(3):151-5

EUROPEAN COMMON FROG see **RANA TEMPORARIA**

EUROPEAN COMMON MARKET see **EUROPEAN ECONOMIC COMMUNITY**

EUROPEAN ECONOMIC COMMUNITY

see related
ECONOMICS

Worker control over occupational health services: the development of legal rights in the EEC. Gevers JK. **Int J Health Serv** 1985;15(2):217-29

The European dimension. Walsh JJ. **J Adv Nurs** 1985 Jan; 10(1):87-8

Biomedical engineering programme of the European Community. Beneken JE, et al. **J Med Eng Technol** 1985 Mar-Apr;9(2):61-8

European Economic Community's concerted action on congenital anomalies: the Eurocat Project. Lechat MF, et al. **Prog Clin Biol Res** 1985;163B:11-5

[Validity of mortality data in respiratory diseases in France and 7 other countries of the E.E.C.] Neukirch F, et al. **Rev Mal Respir** 1984;1(6):361-7 (Eng. Abstr.) **(Fre)**

[Predictive experimental animal test of contact allergenicity. Relevance of the methods of the OECD and EEC guidelines. The organization for Economic Co-operation and Development] Maurer T, et al. **Derm Beruf Umwelt** 1985;33(1):6-11 (Eng. Abstr.) **(Ger)**

[Realization of the ECC guidelines on limit values and leading values for sulfur dioxide and suspended dust] Lahmann E, et al. **Schriftenr Ver Wasser Boden Lufthyg** 1984;59:109-15 **(Ger)**

[Report on measures by the Commission of the European Community for the conversion of Article 10 of the guidelines on limit and leading values for SO2 and suspended dust] Zierock KH. **Schriftenr Ver Wasser Boden Lufthyg** 1984;59:129-43 **(Ger)**

[The EEC directive on the protection of workers against the risk of asbestos. Problems of interpretation and application] Rossi L, et al. **Med Lav** 1984 Sep-Oct; 75(5):359-67 (Eng. Abstr.) **(Ita)**

EUROPIUM

On the coordination properties of Eu3+ bound to tRNA. Draper DE. **Biophys Chem** 1985 Feb;21(2):91-101

ANALYSIS

The fluorometric determination of europium ion concentration as used in time-resolved fluoroimmunoassay. Dakubu S, et al. **Anal Biochem** 1985 Jan;144(1):20-6

EUSTACHIAN TUBE

Eustachian tube obstruction and allergy: a role in otitis media with effusion? Fireman P. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):137-40

Induction of eustachian tube dysfunction with histamine nasal provocation. Walker SB, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):158-62

ABNORMALITIES

[Testing Eustachian tube patency before surgical correction of anomalies of the middle ear in children] Kozlov MIa, et al. **Vestn Otorinolaringol** 1984 Nov-Dec;(6):54-6 (Eng. Abstr.) **(Rus)**

ANATOMY & HISTOLOGY

Anatomical variations and relations of the bony portion of the eustachian tube. Djerić D, et al. **Acta Otolaryngol (Stockh)** 1985 May-Jun;99(5-6):543-50

Anatomical variations and relations in the medial wall of the bony portion of the eustachian tube. Savić D, et al. **Acta Otolaryngol (Stockh)** 1985 May-Jun;99(5-6):551-6

The anatomy of the Eustachian tube. Albiin N. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:34-7

Functional morphology of the tubotympanum. An overview. Lim DJ. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:13-8 (18 ref.)

[Topography of the guttural pouch (diverticulum tubae auditivae) in the horse] König HE. **Tierarztl Prax** 1984; 12(2):219-27 **(Ger)**

DRUG EFFECTS

Isoprenaline-induced facilitation of the Eustachian tube opening. Malm L, et al. **Acta Otolaryngol (Stockh)** 1984 Nov-Dec;98(5-6):391-7

Effect of atropine on the eustachian tube function. Tjernström O, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(2):95-100

INNERVATION

Tympanometric variations induced by vidian nerve stimulation in humans. Rucci L, et al. **J Laryngol Otol** 1985 Apr;99(4):355-8

MICROBIOLOGY

The role of microorganisms in experimental eustachian tube obstruction. Kuijpers W, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:58-66

PATHOLOGY

The human Eustachian tube lumen in children. I. The isthmus. Sadé J, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):305-9

The eustachian tube midportion in infants. Sadé J, et al. **Am J Otolaryngol** 1985 May-Jun;6(3):205-9

Histopathology of otitis media in infants with cleft and high-arched palates. Kitajiri M, et al. **Ann Otol Rhinol Laryngol** 1985 Jan-Feb;94(1 Pt 1):44-50

The structure of the middle ear epithelium of the rat and the effect of Eustachian tube obstruction. Kuijpers W, et al. **Histochem J** 1984 Aug;16(8):807-18

PHYSIOLOGY

The effect of pressure change rate on the eustachian tube function in pressure chamber tests. Groth P, et al. **Acta Otolaryngol (Stockh)** 1985 Jan-Feb;99(1-2):67-73

Interpretation of sonotubometry. A critical view of the acoustical measurement of the opening of the eustachian tube. Lildholdt T, et al. **Acta Otolaryngol (Stockh)** 1984 Sep-Oct;98(3-4):250-4

Eustachian tube function. Sadé J. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:83-4

The role of Eustachian tube function in the results of tympanoplasty. Bebear JP, et al. **Acta Otorhinolaryngol Belg** 1984;38(6):586-90

Function and dysfunction of the eustachian tube in children. Bylander A. **Acta Otorhinolaryngol Belg** 1984;38(3):238-45

Surgical sequelae of abnormal eustachian tube function. McGee TM. **Am J Otol** 1985 May;6(3):229-30

Eustachian tube function in the chinchilla. Doyle WJ. **Arch Otolaryngol** 1985 May;111(5):305-8

Hydrophobic lining of the eustachian tube imparted by surfactant. Hills BA. **Arch Otolaryngol** 1984 Dec; 110(12):779-82

Pressure chamber tests for selection of aircrew. Groth P, et al. **ORL J Otorhinolaryngol Relat Spec** 1984;46(5):264-9

[The EGJ-I sonotubometer and initial results of its use] Ma BY, et al. **Chung Hua I Hsueh Tsa Chih** 1984 Jul;64(7):453-6 **(Chi)**

[The effect of swimming on the nasal passages and on tube function in children] Desterbeck RA, et al. **Acta Otorhinolaryngol Belg** 1984;38(4):410-21 (Eng. Abstr.) **(Dut)**

[Functional exploration of the Eustachian tube] Poch Broto J. **An R Acad Nac Med (Madr)** 1984;101(3):337-54 **(Spa)**

PHYSIOPATHOLOGY

Functional eustachian tube obstruction and otitis media in a primate model. A review. Doyle WJ. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:52-7 (20 ref.)

Pumping and clearance function of the eustachian tube. Honjo I, et al. **Am J Otolaryngol** 1985 May-Jun;6(3):241-4

Otitis media with effusion in childhood. Marshall SG, et al. **Ann Allergy** 1984 Nov;53(5):370-8, 394 (22 ref.)

Effect of certain head and neck tumors and their management on the ventilatory function of the eustachian tube. Myers EN, et al. **Ann Otol Rhinol Laryngol [Suppl]** 1984 Nov-Dec;114:3-16

Eustachian tube function in the rhesus monkey model of cleft palate. Casselbrant ML, et al. **Cleft Palate J** 1985 Jul; 22(3):185-91

Acourtic immittance testing of the Eustachian tube. Givens GD, et al. **Ear Hear** 1984 Sep-Oct;5(5):297-9

A brief review of the use of both tympanometric pressure equalization and middle-ear function in assessing eustachian tube patency. Givens GD, et al. **J Aud Res** 1983 Jul;23(3):149-56

Diagnosis and management of eustachian tube malfunction. Magnuson B, et al. **Otolaryngol Clin North Am** 1984 Nov; 17(4):659-71

[Evaluation of eustachian tubal functions in patients with otitis media with effusion] Sakurai T, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Mar;88(3):273-8 (Eng. Abstr.) **(Jpn)**

RADIOGRAPHY

Technique and clinical importance of eustachian tube radiography. Khan NA. **Am J Otol** 1985 May;6(3):222-4

SURGERY

Functional repair of the eustachian tube. Jansen CW. **Am J Otol** 1985 May;6(3):231-2

Eustachian tube bypass. Lapidot A, et al. **IMJ** 1984 Nov; 166(5):354-5

Reconstruction of the Eustachian tube and the anterior tympanum: planned staged tubo-tympanoplasty. Murata K, et al. **Laryngoscope** 1985 Mar;95(3):330-4

EUSTRONGYLUS GIGAS see **DIOCTOPHYMA**

EUTAMIAS see **SCIURIDAE**

EUTELEGENESIS see **INSEMINATION, ARTIFICIAL**

EUTHANASIA

Not murder--just nothing. Huttmann BR. **Am J Nurs** 1985 Sep;85(9):959, 961

Fashion and freedom: when artificial feeding should be withdrawn. Annas GJ. **Am J Public Health** 1985 Jun; 75(6):685-8

Active vs passive euthanasia--where's the distinction? Dufault K. **AORN J** 1985 Jun;41(6):1090, 1092-4

Euthanasia--old issue: new debate. Kirby MD. **Aust NZ J Med** 1984 Oct;14(5):691-6

Euthanasia. Rayner K. **Aust NZ J Med** 1984 Oct;14(5):697-9

Creeping euthanasia [letter] Johnson CD. **Br J Hosp Med** 1985 Mar;33(3):178

Do not resuscitate: writing a no code policy. Clayton D. **Can Med Assoc J** 1985 Jul 1;133(1):62-4

Euthanasia and the American Medical Association. Forrest DM. **Can Med Assoc J** 1984 Sep 15;131(6):629, 631-2

How to draw up your living will. Hubbard RD. **Colo Med** 1985 Jul 1;82(11):186-7

The physician and the dying patient: judicial council. Connecticut AMA Delegation. **Conn Med** 1985 Mar; 49(3):167-8

DNR procedures: purple dots revisited. Grand Jury of the Supreme Court of the State of New York, Queens County. **Conn Med** 1985 Jun;49(6):367-76

Deciding for the incompetent patient: the development of public policy. Healey JM. **Conn Med** 1985 Jan;49(1):51

The living will. Rogers WF 3d. **Conn Med** 1985 Mar; 49(3):165-6

Euthanasia--a personal view. Hicks A. **East Afr Med J** 1984 Nov;61(11):859-62

Handicapped infants and euthanasia: a challenge to our advocacy. Smith JD. **Except Child** 1985 Jan;51(4):335-8

Prisoner in the ICU: the tragedy of William Bartling. Annas GJ. **Hastings Cent Rep** 1984 Dec;14(6):28-9

Imperiled newborns raise moral doubts [letter] Bartholome WG. **Hastings Cent Rep** 1985 Feb;15(1):46-7

Setting boundaries for artificial feeding. Green W. **Hastings Cent Rep** 1984 Dec;14(6):8-10

Reporting the case of Baby Jane Doe. Kerr K. **Hastings Cent Rep** 1984 Aug;14(4):7-9

Don't go along with hopelessness [letter] Lewin-Fetter V. **Hastings Cent Rep** 1984 Dec;14(6):48-9

On removing food and water: against the stream. Meilaender G. **Hastings Cent Rep** 1984 Dec;14(6):11-3

The legal aspects of withdrawing nourishment. Horan DJ, et al. **J Leg Med (Chicago)** 1984 Dec;5(4):595-632 (202 ref.)

The pediatrician is the child's advocate [editorial] Cooper JA. **J Med Educ** 1985 Jun;60(6):496-7

Dignity and cost-effectiveness: a rejection of the utilitarian approach to death. Brooks SA. **J Med Ethics** 1984 Sep; 10(3):148-51

Arresting but misleading phrases. Harris J. **J Med Ethics** 1984 Sep;10(3):155-7

Dignity and cost-effectiveness: analysing the responsibility for decisions in medical ethics. Robertson GS. **J Med Ethics** 1984 Sep;10(3):152-4

Predicting the outcome from hypoxic-ischemic coma: medical and ethical implications [editorial] Black PM. **JAMA** 1985 Sep 6;254(9):1215-6

The do-not-resuscitate order in teaching hospitals. Evans AL, et al. **JAMA** 1985 Apr 19;253(15):2236-9

Letting go: DNR orders in prehospital care [editorial] Haynes BE, et al. **JAMA** 1985 Jul 26;254(4):532-3

Orders to limit emergency treatment for an ambulance service in a large metropolitan area. Miles SH, et al. **JAMA** 1985 Jul 26;254(4):525-7

Court responses to withholding or withdrawing artificial nutrition and fluids. Paris JJ, et al. **JAMA** 1985 Apr 19; 253(15):2243-5

'Do not resuscitate' orders [letter] Raskin VD. **JAMA** 1985 Jun 7;253(21):3094

Deciding against resuscitation: encouraging signs and potential dangers [editorial] Veatch RM. **JAMA** 1985 Jan 4;253(1):77-8

'Do not resuscitate' orders. Incidence and implications in a medical-intensive care unit. Youngner SJ, et al. **JAMA** 1985 Jan 4;253(1):54-7

To kill or let die? [letter] **Med J Aust** 1985 Aug 19; 143(4):170-1

Euthanasia for cancer patients: a non-debate [letter] **Med J Aust** 1984 Oct 13;141(8):548-9

Voluntary euthanasia [letter] Buchanan JD. **Med J Aust** 1985 Apr 1;142(7):423

Euthanasia--again. 'Letting die' is not in the patient's best interests: a case for active euthanasia. Kuhse H. **Med J Aust** 1985 May 27;142(11):610-3

To kill or let die? [letter] Pollard B. **Med J Aust** 1985 Jul 8;143(1):48

The definition of euthanasia. Leenen HJ. **Med Law** 1984; 3(4):333-8

Active voluntary euthanasia--should it be legalized? Weinfeld J. **Med Law** 1985;4(2):101-11

The right to be allowed to die--self induced starvation and the right to die without undue misery. Brahams D. **Med Leg J** 1984;52 (Pt 2):113-6

Involuntary euthanasia and current attempts to define persons with mental retardation as less than human. Lusthaus EW. **Ment Retard** 1985 Jun;23(3):148-54

Withholding treatment from Baby Doe: from discrimination to child abuse. Rhoden NK, et al. **Milbank Mem Fund Q** 1985 Winter;63(1):18-51

Death with dignity. Matas AJ. **Minn Med** 1985 Mar; 68(3):209-16

Defining appropriate medical care: providing nutrients and hydration for the dying. Curran WJ. **N Engl J Med** 1985 Oct 10;313(15):940-2

German euthanasia program [letter] McArthur JE. **NZ Med J** 1985 Aug 14;98(784):656

New perspectives concerning do-not-resuscitate orders. Gidley TD, et al. **RI Med J** 1984 Dec;67(12):553-4

Infant mortality and infant care: cultural and economic constraints on nurturing in northeast Brazil. Scheper-Hughes N. **Soc Sci Med** 1984;19(5):535-46

Euthanasia of tortoises [letter] Godfrey C. **Vet Rec** 1985 Mar 16;116(11):304

Ethical decision-making in the care of seriously ill patients. Pohlmann GP. **Wis Med J** 1985 Feb;84(2):25-31

[Is euthanasia a solution?] Kruythoff DJ. **Ned Tijdschr Geneeskd** 1985 Apr 13;129(15):700-2 **(Dut)**

[Euthanasia before the Supreme Court] Leenen HJ. **Ned Tijdschr Geneeskd** 1985 Mar 2;129(9):414-7 **(Dut)**

[Principles of medical ethics--attempt at status determination. Argument with the concept of euthanasia] Groos E, et al. **Fortschr Med** 1985 Jan 17;103(3):67-9 **(Ger)**

[Helping to die--helping to live in the boundary between life and death] Ruhnau KJ, et al. **Z Gesamte Inn Med** 1984 Nov 15;39(22):556-8 (Eng. Abstr.) **(Ger)**

[On brain death, organ transplantation, artificial abortion, euthanasia and embryo transport] Takagi K. **Nippon Naika Gakkai Zasshi** 1984 Aug;73(8):1111-27 **(Jpn)**

[Euthanasia and the culture of death] Monge F. **Rev Med Univ Navarra** 1984 Dec;28(4):57-61 **(Spa)**

ECONOMICS

Who pays the bills after DNR orders? [letter] Hollingsworth AB. **JAMA** 1985 Sep 20;254(11):1449

HISTORY

The legalization of mercy killings in medical and nursing institutions in Nazi Germany from 1938 until 1941. A commented documentation. Aly G, et al. **Int J Law Psychiatry** 1984;7(2):145-63

The German euthanasia programme [letter] Caughey JE. **NZ Med J** 1985 Jul 10;98(782):555-6

PSYCHOLOGY

Follow-up of families of neonates in whom life support was withdrawn. Walwork E, et al. **Clin Pediatr (Phila)** 1985 Jan;24(1):14-20

Impaired newborns and the hardship on parents [letter] Gartner A. **Hastings Cent Rep** 1985 Jun;15(3):43

The neonatologist's duty to patient and parents. Strong C. **Hastings Cent Rep** 1984 Aug;14(4):10-6

Probable death: perspective of the elderly. Snow RM, et al. **South Med J** 1985 Jul;78(7):851-3

Suicide and euthanasia--special types of partner relationships. Pohlmeier H. **Suicide Life Threat Behav** 1985 Summer;15(2):117-23

[Euthanasia and medical power (editorial)] Mozziconacci P. **Ann Pediatr (Paris)** 1984 Dec;31(11):883-4 **(Fre)**

VETERINARY

Premedication of dogs with acepromazine or pentazocine before euthanasia with carbon monoxide. Dallaire A, et al. **Can J Comp Med** 1985 Apr;49(2):171-8

The humane society and the human-companion animal bond. Reflections on the broken bond. Arkow P. **Vet Clin North Am [Small Anim Pract]** 1985 Mar; 15(2):455-66

Euthanasia of tortoises [letter] Cooper JE, et al. **Vet Rec** 1984 Dec 15;115(24):635

Dog destruction in Northern Ireland [letter] Hart NJ. **Vet Rec** 1985 Jun 22;116(25):675

Euthanasia of mink with carbon monoxide. Lambooy E, et al. **Vet Rec** 1985 Apr 13;116(15):416

Stranded whales [letter] Rowell SF. **Vet Rec** 1985 Feb 9; 116(6):167

EUTHANASIA, PASSIVE see under **EUTHANASIA**

EUTROPHICATION

[Sewage and industrial pollution of the salt water of an estuary. Possibility of decontamination. III. Eutrophication phenomena] Sechi N, et al. **Nuovi Ann Ig Microbiol** 1983 Jan-Feb;34(1):43-56 (Eng. Abstr.) **(Ita)**

EVALUATION STUDIES

Post-marketing studies of drug efficacy: why? Strom BL, et al. **Am J Med** 1985 Mar;78(3):475-80

Critiquing research. Steps for complete evaluation of an article. Soeken KL. **AORN J** 1985 May;41(5):882-3, 886-7, 890-3

Drug safety--the role of doctors, pharmaceutical companies and the medical press. Goldberg A. **Br J Clin Pract** 1985 Jan;39(1):5-6

Pharmacoepidemiology [letter] **Br Med J [Clin Res]** 1984 Nov 24;289(6456):1450-1

Researching drug treatment. Martys CR. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1353-4

General practitioners and postmarketing surveillance. **Drug Ther Bull** 1984 Oct 22;22(21):83-4

A study on the treatment of arterial hypertension with atenolol/chlorthalidone tablets: preliminary results of a post-marketing surveillance clinical trial on 2449 patients. Emanueli A, et al. **J Int Med Res** 1984;12(5):314-20

How can a program evaluation be comprehensive and yet cost efficient? Waltz CF, et al. **J Nurs Educ** 1985 Jun; 24(6):258-61

Drug safety [letter] Taggart AJ, et al. **Lancet** 1984 Nov 10; 2(8411):1098-9

The reassessment process: key to a meaningful quality assurance program. Mehnert T. **QRB** 1985 Apr; 11(4):127-31

[Drug surveillance as seen by the general practitioner. Apropos of a survey of 4175 physicians] Begaud B, et al. **Therapie** 1984 Sep-Oct;39(5):453-7 **(Fre)**

METHODS

Post-marketing studies of drug efficacy: how? Strom BL, et al. **Am J Med** 1984 Oct;77(4):703-8

Better reporting of adverse drug reactions [editorial] Abrutyn E. **Ann Intern Med** 1985 Feb;102(2):264-5

Postmarketing studies of drug efficacy [editorial] Strom BL, et al. **Arch Intern Med** 1985 Oct;145(10):1791-4

A study of adverse reaction algorithms in a drug surveillance program. Louik C, et al. **Clin Pharmacol Ther** 1985 Aug; 38(2):183-7

A potential use of the National Death Index for postmarketing drug surveillance. Edlavitch SA, et al. **JAMA** 1985 Mar 1;253(9):1292-5

[Notification of possible adverse reactions to drugs in medical publications (letter)] Laporte JR, et al. **Med Clin (Barc)** 1984 Oct 13;83(11):474 **(Spa)**

STANDARDS

[Quality control: observation record on the use of pliable bags] Avenard G, et al. **Rev Fr Transfus Immunohematol** 1985 Feb;28(1):45-9 **(Fre)**

TRENDS

Postmarketing surveillance: statistics and augury. Johnson AF. **J Chronic Dis** 1984;37(12):949-52

[Drug surveillance. Its present status, hopes for its future (editorial)] Bechtel P. **Gastroenterol Clin Biol** 1984 Oct; 8(10):702-3 **(Fre)**

EVALUATION STUDIES, DRUG, FDA PHASE I see **DRUG EVALUATION**

EVALUATION STUDIES, DRUG, FDA PHASE II see **DRUG EVALUATION**

EVALUATION STUDIES, DRUG, PRE-CLINICAL see **DRUG SCREENING**

EVALUATION STUDIES, FDA PHASE III see **CLINICAL TRIALS**

EVALUATION STUDIES, FDA PHASE IV see **CLINICAL TRIALS**

EVANS BLUE see under **AZO COMPOUNDS**

EVOKED POTENTIALS

Friedreich's ataxia: clinical involvement and evoked potentials. Pelosi L, et al. **Acta Neurol Scand** 1984 Nov; 70(5):360-8

Resonance in frequency spectrum of brain evoked potential. Chytil J, et al. **Acta Univ Palacki Olomuc Fac Med** 1984; 110:143-210

Nervous system assessment with evoked potential tests in pediatric bone marrow transplant patients. Kaleita TA, et al. **Am J Pediatr Hematol Oncol** 1984 Fall;6(3):329-32

Reappraisal of the electroneurographic and electromyographic diagnosis of diabetic peripheral neuropathy. Felsenthal G, et al. **Am J Phys Med** 1984 Dec; 63(6):278-88

Serial evoked potential studies in patients with definite multiple sclerosis. Clinical relevance. Aminoff MJ, et al. **Arch Neurol** 1984 Nov;41(11):1197-202

Evoked responses. Overused, underused, or misused? Chiappa KH, et al. **Arch Neurol** 1985 Jan;42(1):76-7

Experimental trigeminal glycerol injection. Electrophysiologic and morphologic effects. Lunsford LD, et al. **Arch Neurol** 1985 Feb;42(2):146-9

Electrophysiological analysis of the tecto-olivocerebellar (lobule VII) projection in the rat. Akaike T. **Brain Res** 1985 Aug 12;340(2):369-72

Thalamic negativity associated with the endogenous late positive component of cerebral evoked potentials (P300): recordings using discriminative aversive conditioning in humans and cats. Katayama Y, et al. **Brain Res Bull** 1985 Mar;14(3):223-6

PCAVR: a portable laboratory program for performing varimax-rotated principal components analysis of event-related potentials. Pritchard WS. **Brain Res Bull** 1984 Sep;13(3):465-73

Visual evoked potentials and brain stem auditory potentials in Friedreich's ataxia—a longitudinal study. Bogacz J, et al. **Can J Neurol Sci** 1984 Nov;11(4 Suppl):565-9

F-response studies: computer analysis and recovery cycle. Mastaglia FL, et al. **Clin Exp Neurol** 1984;20:217-23

A microcomputer-controlled system for stimulation and acquisition of evoked potentials. Haimi-Cohen R, et al. **Comput Biomed Res** 1984 Oct;17(5):399-408

Sequential colour mapping system of brain potentials. Giard MH, et al. **Comput Methods Programs Biomed** 1985 May;20(1):9-16

Automated data acquisition and analysis of neural evoked potentials. Quint SR, et al. **Comput Methods Programs Biomed** 1985 May;20(1):35-44

A computer-assisted method for averaging movement-related cortical potentials with respect to EMG onset. Barrett G, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar;60(3):276-81

A study of spontaneous and evoked activity in the rat hippocampus under helium-oxygen high pressure. Fagni L, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar;60(3):267-75

Differences in the late components of the event-related potential due to age and to semantic and non-semantic tasks. Harbin TJ, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov;59(6):489-96

Stimulus intensity and inter-stimulus interval effects on pain-related cerebral potentials. Jacobson RC, et al. **Electroencephalogr Clin Neurophysiol** 1985 Sep;62(5):352-63

Early evoked potentials detected from the scalp of man following infraorbital nerve stimulation. Leandri M, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar;62(2):99-107

Scalp distributions of event-related potentials: an ambiguity associated with analysis of variance models. McCarthy G, et al. **Electroencephalogr Clin Neurophysiol** 1985 May;62(3):203-8

Monitoring of multimodality evoked potentials during open heart surgery under hypothermia. Markand ON, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov;59(6):432-40

A comparison of the analyses of EEG and evoked potentials using colored bars in place of colored heads. Nuwer MR. **Electroencephalogr Clin Neurophysiol** 1985 Oct;61(4):310-3

Model referenced method of evoked potential analysis. O'Connor SJ, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov;59(6):497-503

Phase synchronized triggering: a method for coherent noise elimination in evoked potential recording. Sgro JA, et al. **Electroencephalogr Clin Neurophysiol** 1985 May;60(5):464-8

Real-time reconstruction of evoked potentials using a new two-dimensional filter method. Sgro JA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Sep;62(5):372-80

Multimodality evoked potentials in patients and carriers with adrenoleukodystrophy and adrenomyeloneuropathy. Tobimatsu S, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;62(1):18-24

Meaning of mid and long latency evoked potential components. The law of 3.5 revisited. Liberson WT, et al. **Electromyogr Clin Neurophysiol** 1985 Mar-Apr;25(2-3):87-102

Temporal stability of multichannel, multimodal ERP recordings. Lewis GW. **Int J Neurosci** 1984 Dec;25(1-2):131-44

IQ revisited in the time domain: a critique or irresponsible brainwaves. Stowell H. **Int J Neurosci** 1985 Jan;25(3-4):237-44

Detection and measurement of steady-state evoked potentials in real-time using a lock-in amplifier. Technical note. Schacham SE, et al. **J Neurosurg** 1985 Jun;62(6):935-8

Evoked potentials: nursing perspectives. Giubilato RT, et al. **J Neurosurg Nurs** 1984 Oct;16(5):241-7

Evoked potentials in the operating room. Grundy BL. **Mt Sinai J Med (NY)** 1984 Sep;51(5):585-91

Evoked potentials in the diagnosis, prognosis, and management of neurologic and neurosurgical patients. Moskowitz N. **Mt Sinai J Med (NY)** 1984 Sep;51(5):640-3

Albinism and evoked potentials: factors in the selection of infrahuman models in predicting the human response to neurotoxic agents. Creel DJ. **Neurobehav Toxicol Teratol** 1984 Nov-Dec;6(6):447-53

Lumbosacral spinal evoked potentials in patients with multiple sclerosis. Delwaide PJ, et al. **Neurology** 1985 Feb;35(2):174-9

Dynamic interactions of evoked potentials in a polysensory cortex of the cat. Toldi J, et al. **Neuroscience** 1984 Nov;13(3):645-52

Evoked potentials and brain stem reflexes. Klug N, et al. **Neurosurg Rev** 1985;8(1):63-84 (146 ref.)

Motor evoked potentials from transcranial stimulation of the motor cortex in cats. Levy WJ, et al. **Neurosurgery** 1984 Aug;15(2):214-27

Remote monitoring of evoked potentials. Keim RJ. **Otolaryngol Head Neck Surg** 1985 Feb;93(1):23-7

Clinical use of nerve stimulation [letter] Kline DG, et al. **Plast Reconstr Surg** 1985 May;75(5):764-6

Comparison of electrophysiologic and metabolic changes in the human epileptic cortex. Wong PK, et al. **Prog Brain Res** 1984;62:303-13

Spatial analysis of evoked potentials in man—a review. Lehmann D, et al. **Prog Neurobiol** 1984;23(3):227-50 (47 ref.)

Effects of age and sex on the endogenous brain potential components during two continuous performance tasks. Friedman D, et al. **Psychophysiology** 1985 Jul;22(4):440-52

Neurocognitive pattern analysis of a visuospatial task: rapidly-shifting foci of evoked correlations between electrodes. Gevins AS, et al. **Psychophysiology** 1985 Jan;22(1):32-43

Mathematical models of the event-related potential. Hunt E. **Psychophysiology** 1985 Jul;22(4):395-402

The interpretation of the component structure of event-related brain potentials: an analysis of expert judgments. Kramer AF. **Psychophysiology** 1985 May;22(3):334-44

P300 and S-R compatibility: a reply to Magliero et al. Ragot R, et al. **Psychophysiology** 1985 May;22(3):349-52

Clinical uses of evoked potentials. Desmedt JE. **Rinsho Shinkeigaku** 1984 Dec;24(12):1198-210 (41 ref.)

[Monitoring of evoked potentials in neurosurgery and anesthesia] Schmidt JF, et al. **Ugeskr Laeger** 1984 Nov 12;146(46):3522-6 (Eng. Abstr.) **(Dan)**

[Contingent negative variation and endogenous components of the evoked potential] Timsit-Berthier M. **Rev Electroencephalogr Neurophysiol Clin** 1984 Nov;14(2):77-96 (Eng. Abstr.) **(Fre)**

[Methodologic aspects of the intraoperative monitoring of evoked potentials] Hacke W, et al. **EEG EMG** 1984 Sep;15(3):127-31 (Eng. Abstr.) **(Ger)**

[Enhancement of evoked potentials by saccadic eye movement—effect of attentional buzzer] Yamamoto F, et al. **Nippon Ganka Gakkai Zasshi** 1985 Apr;89(4):528-34 (Eng. Abstr.) **(Jpn)**

[Short latency evoked potentials] Hashimoto I. **Rinsho Byuri** 1985 Feb;Spec No 61:172-94 (31 ref.) **(Jpn)**

[Evoked potentials in the rabbit amygdala following its partial deafferentation] Chernova VL, et al. **Fiziol Zh SSSR** 1983 Jul;69(7):887-94 (Eng. Abstr.) **(Rus)**

[Evoked potentials in boxers before and after a fight] Rodríguez del Valle J. **Bol Asoc Med PR** 1985 Jan;77(1):19-20 **(Spa)**

[Multiple evoked potentials in the diagnosis of brain death] Chapparro Hernández P, et al. **Med Clin (Barc)** 1984 Jun 16;83(3):91-3 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Inhibitors of calcium-dependent enzymes prevent the onset of afterdischarge in the peptidergic bag cell neurons of Aplysia. DeRiemer SA, et al. **Brain Res** 1985 Aug 5;340(1):175-80

Effects of kynurenate on root potentials evoked by synaptic activity and amino acids in the frog spinal cord. Elmslie KS, et al. **Brain Res** 1985 Mar 25;330(2):265-72

Neuron generator potentials evoked by intracellular injection of cyclic nucleotides and mechanical distension. Liberman EA, et al. **Brain Res** 1985 Jul 8;338(1):33-44

Selective depression of hippocampal inhibitory postsynaptic potentials and spontaneous firing by volatile anesthetics. Yoshimura M, et al. **Brain Res** 1985 Aug 12;340(2):363-8

Spectral analysis of hippocampal EEG in the freely moving rat: effects of centrally active drugs and relations to evoked potentials. Leung LW. **Electroencephalogr Clin Neurophysiol** 1985 Jan;60(1):65-77

Effects of metabolic inhibitors on evoked activity and the energy state of hippocampal slices superfused in vitro. Cox DW, et al. **Exp Brain Res** 1985;57(3):464-70

Action of norepinephrine in the dentate gyrus. II. Iontophoretic studies. Winson J, et al. **Exp Brain Res** 1985;59(3):497-506

Conditioned cortical slow potential responses in urethane anesthetized rats. Pirch JH, et al. **Int J Neurosci** 1985 Jan;25(3-4):207-18

Dose effects of halothane on sensory evoked responses obtained from the cortex, reticular formation and central gray. Prasad CM, et al. **Int J Neurosci** 1985 Jul;27(1-2):91-100

Time course of the effects of trimethyltin on limbic evoked potentials and distribution of tin in blood and brain in the rat. Hasan Z, et al. **Neurotoxicology (Park Forest II)** 1984 Summer;5(2):217-44

Effects of methylphenidate on young adults' performance and event-related potentials in a vigilance and a paired-associates learning test. Strauss J, et al. **Psychophysiology** 1984 Nov;21(6):609-21

EEG and evoked potential changes during gas- and liquid-breathing dives to 1000 msw. Harris DJ, et al. **Undersea Biomed Res** 1985 Mar;12(1):1-24

EVOKED POTENTIALS, AUDITORY

Comparison of auditory evoked potentials, trigemino-facial reflex and electronystagmography in the assessment of site of brain stem lesions in multiple sclerosis. Sartucci F, et al. **Acta Neurol (Napoli)** 1984 Dec;6(6):432-41

Clinical correlates of abnormal brain-stem auditory evoked responses in multiple sclerosis. Hutchinson M, et al. **Acta Neurol Scand** 1984 Aug;70(2):90-5

Prognostic evaluation of brainstem hematomas: the role of CT scan and brainstem auditory evoked potentials. Sancesario G, et al. **Acta Neurol Scand** 1984 Dec;70(6):396-406

Use of P300 and a dementia rating scale in the evaluation of cognitive dysfunction in MS. Tourtellotte WW, et al. **Acta Neurol Scand [Suppl]** 1984;101:32-4

Auditory evoked responses in the human fetus. II. Modifications observed during labor. Luz NP. **Acta Obstet Gynecol Scand** 1985;64(3):213-22

Brainstem responses in the quivering mutant mouse. Bock GR, et al. **Acta Otolaryngol (Stockh)** 1984 Sep-Oct;98(3-4):193-8

Frequency specificity of the auditory brainstem responses in the cat. Mair IW, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):377-83

Central auditory tests and auditory nerve-brainstem evoked responses in multiple sclerosis. Matathias O, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):369-76

Hyperlipidemia and noise in the chinchilla. Morizono T, et al. **Acta Otolaryngol (Stockh)** 1985 May-Jun;99(5-6):516-24

Auditory potentials in profoundly deaf subjects. Ribarić K, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):393-8

Effects of pure tone on endocochlear potential and potassium ion concentration in the guinea pig cochlea. Vassout P. **Acta Otolaryngol (Stockh)** 1984 Sep-Oct;98(3-4):199-203

Evoked potentials as indicators of auditory maturation. Eggermont JJ. **Acta Otolaryngol [Suppl] (Stockh)** 1985;421:41-7

Evoked acoustic emission: clinical application. Elberling C, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1985;421:77-85

Experimental contribution to the origin of brain-stem potentials. Morera C, et al. **Acta Otorhinolaryngol Belg** 1984;38(4):401-9

Use of electrocochleography and brain stem auditory evoked potentials in the diagnosis of cerebellopontine angle pathology. Eggermont JJ. **Adv Otorhinolaryngol** 1984;34:47-56 (21 ref.)

Voluntary control of auditory evoked responses by children with and without hypnosis. Hogan M, et al. **Am J Clin Hypn** 1984 Oct;27(2):91-4

Neuropsychological correlates of information-processing by children with Down syndrome. Lincoln AJ, et al. **Am J Ment Defic** 1985 Jan;89(4):403-14

Auditory evoked potentials—the cochlear summating potential in detection of endolymphatic hydrops. Coats AC, et al. **Am J Otol** 1984 Oct;5(6):443-6

Cochlear microphonic responses of the peripheral auditory system to frequency-varying signals. Shore SE, et al. **Am J Otolaryngol** 1984 Jan-Feb;5(1):34-42

Neurophysiological correlates of sibling pairs discordant for bipolar affective disorder. Knott V, et al. **Am J Psychiatry** 1985 Feb;142(2):248-50

Brain stem auditory-evoked responses in the dog. Bodenhamer RD, et al. **Am J Vet Res** 1985 Aug;46(8):1787-92

Brain stem auditory-evoked potentials of dogs: wave form and effects of recording electrode positions. Holliday TA, et al. **Am J Vet Res** 1985 Apr;46(4):845-51

Brain stem auditory-evoked response of the nonanesthetized dog. Marshall AE. **Am J Vet Res** 1985 Apr;46(4):966-73

Brain stem auditory-evoked response in the nonanesthetized horse and pony. Marshall AE. **Am J Vet Res** 1985 Jul;46(7):1445-50

Auditory-evoked response in the clinically normal dog: early latency components. Sims MH, et al. **Am J Vet Res** 1984 Oct;45(10):2019-27

Auditory-evoked response in the clinically normal dog middle latency components. Sims MH, et al. **Am J Vet Res** 1984 Oct;45(10):2028-33

Auditory brainstem responses in normal hearing ears. Yip KH, et al. **Ann Acad Med Singapore** 1985 Jan;14(1):60-4

Evoked potential testing in relatives of multiple sclerosis patients. Nuwer MR, et al. **Ann Neurol** 1985 Jul;18(1):30-4

Pattern-shift visual, brainstem auditory and short-latency somatosensory evoked potentials in multiple sclerosis. Chiappa KH. **Ann NY Acad Sci** 1984;436:315-27 (44 ref.)

Auditory brain stem potentials recorded at different scalp locations in neonates and adults. McPherson DL, et al. **Ann Otol Rhinol Laryngol** 1985 May-Jun;94(3):236-43

Brain stem auditory evoked potential monitoring during profound hypothermia and circulatory arrest. Rosenblum

SM, et al. **Ann Otol Rhinol Laryngol** 1985 May-Jun; 94(3):281-3

Neonatal auditory brainstem response cannot reliably diagnose brainstem death [letter] Boyd SG, et al. **Arch Dis Child** 1985 Apr;60(4):396

Identification of sensory neural hearing loss in very preterm infants by brainstem auditory evoked potentials. Bradford BC, et al. **Arch Dis Child** 1985 Feb;60(2):105-9

Improvement in auditory and visual evoked potentials in jaundiced preterm infants after exchange transfusion. Chin KC, et al. **Arch Dis Child** 1985 Aug;60(8):714-7

Brain-stem auditory evoked potentials in children with brain-stem or cerebellar dysfunction. Davis SL, et al. **Arch Neurol** 1985 Feb;42(2):156-60

Auditory brain-stem potentials with unilateral pontine hemorrhage. Hammond EJ, et al. **Arch Neurol** 1985 Aug; 42(8):767-8

Cognitive evoked potentials (P300) in early Huntington's disease. Rosenberg C, et al. **Arch Neurol** 1985 Oct; 42(10):984-7

Auditory brain-stem response in determination of brain death. Hall JW 3d, et al. **Arch Otolaryngol** 1985 Sep; 111(9):613-20

Brain-stem evoked response waveform variation associated with recurrent otitis media. Lenhardt ML, et al. **Arch Otolaryngol** 1985 May;111(5):315-6

Auditory evoked potential alterations induced by pulsed ultrasound. Moore PJ, et al. **Arch Otolaryngol** 1985 May; 111(5):309-14

Auditory evoked responses in multiple sclerosis. Wave I abnormality. Verma NP, et al. **Arch Otolaryngol** 1985 Jan; 111(1):22-4

Frequency composition of spontaneous cochlear emissions. Fritze W, et al. **Arch Otorhinolaryngol** 1985;242(1):43-8

Auditory evoked potentials and audiological follow-up of subjects developing noise-induced permanent threshold shift. Attias J, et al. **Audiology** 1984;23(5):498-508

Verification of the air-bone gap using cancellation and evoked responses. Boezeman EH, et al. **Audiology** 1985; 24(3):174-85

A study of auditory middle latency responses in relation to electrode combinations and stimulus conditions. Kadobayashi I, et al. **Audiology** 1984;23(5):509-19

Auditory brainstem responses of the cat: on- and off-responses. Laukli E, et al. **Audiology** 1985;24(3):217-26

Variability in the depression of cochlear microphonic responses after noise exposure. Legouix JP, et al. **Audiology** 1985;24(3):227-31

Contribution to the differentiation of peripheral versus central tinnitus via auditory brain stem response evaluation. Maurizi M, et al. **Audiology** 1985;24(3):207-16

Middle-latency auditory components in response to clicks and low- and middle-frequency tone pips (0.5-1 kHz). Maurizi M, et al. **Audiology** 1984;23(6):569-80

An evaluation of 40-Hz event-related potentials in young children. Suzuki T, et al. **Audiology** 1984;23(6):599-604

Auditory brainstem evoked response [editorial] Bench J. **Aust Paediatr J** 1985 May;21(2):73-4

Brain stem auditory evoked potentials in unmedicated schizophrenic patients. Brecher M, et al. **Biol Psychiatry** 1985 Feb;20(2):199-202

Pathway and hemispheric differences in the event-related potential (ERP) to monaural stimulation: a comparison of schizophrenic patients with normal controls. Connolly JF, et al. **Biol Psychiatry** 1985 Mar;20(3):293-303

Age and gender contributions to intersubject variability of the auditory brainstem potentials. Houston HG, et al. **Biol Psychiatry** 1985 Apr;20(4):419-30

Auditory brainstem responses in pervasive developmental disorders. Rumsey JM, et al. **Biol Psychiatry** 1984 Oct; 19(10):1403-18

The augmenting/reducing phenomenon in the auditory evoked potential. Prescott J, et al. **Biol Psychol** 1984 Aug; 19(1):31-44

P 300 latency, age and cognitive styles. Romani A, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2119-25

Monitoring of brainstem auditory evoked potentials during basilar artery occlusion in man. Lam AM, et al. **Br J Anaesth** 1985 Sep;57(9):924-8

An improved technique for simultaneous recording of action potential and auditory brainstem responses. Nowosielski J, et al. **Br J Audiol** 1985 Feb;19(1):13-8

Survey of attempts to use auditory evoked potentials to obtain an audiogram. Review article. Sohmer H, et al. **Br J Audiol** 1984 Nov;18(4):237-44 (37 ref.)

Binaural interaction effects on the auditory brainstem response of the cat and kitten. Shipley C, et al. **Brain Res** 1984 Nov 12;321(2):299-309

2-Deoxyglucose accumulation parallels extracellularly recorded spike activity in the avian auditory neostriatum. Theurich M, et al. **Brain Res** 1984 Nov 19;322(1):157-61

Visual evoked potentials and brainstem auditory evoked potentials in migraine and transient ischemic attacks. Benna P, et al. **Cephalalgia** 1985 May;5 Suppl 2:53-8

Auditory brainstem response in infant hydrocephalus. McPherson DL, et al. **Childs Nerv Syst** 1985;1(2):70-6

Event-related potential in Alzheimer disease. Chayasirisobhon S, et al. **Clin Electroencephalogr** 1985 Jan; 16(1):48-53

Evoked potentials in non-convulsive status epilepticus. Co S, et al. **Clin Electroencephalogr** 1985 Jan;16(1):33-8

The auditory brainstem response in surgical monitoring: the pathological significance of a reduced P1-P5 interwave interval. Jacobson GP, et al. **Clin Electroencephalogr** 1985 Apr;16(2):83-7

Brainstem auditory evoked potential in antisocial personality. Josef NC, et al. **Clin Electroencephalogr** 1985 Apr; 16(2):91-3

Estimation of the slope of the audiogram with the auditory brain stem response. Debruyne F. **Clin Otolaryngol** 1984 Dec;9(6):341-5

Auditory brain stem responses in patients with vertigo. Rosenhall U, et al. **Clin Otolaryngol** 1984 Jun;9(3):149-54

Electrophysiologic assessment of auditory and visual function in the newborn. Kurtzberg D, et al. **Clin Perinatol** 1985 Feb;12(1):277-99

An automated microcomputer based electric response audiometry system for machine scoring of auditory evoked potentials. Mason SM, et al. **Clin Phys Physiol Meas** 1984 Aug;5(3):219-22

Brain-stem evoked potentials and noise effects in seagulls. Counter SA. **Comp Biochem Physiol** [A] 1985;81(4):837-45

Evoked potentials in uremia. Albertazzi A, et al. **Contrib Nephrol** 1985;45:60-8

The P3 potential and its clinical usefulness in the objective classification of dementia. Leppler JG, et al. **Cortex** 1984 Sep;20(3):427-33

Use of brainstem auditory evoked potentials in pediatric brain death. Steinhart CM, et al. **Crit Care Med** 1985 Jul; 13(7):560-2

Auditory and visual evoked potentials of schoolboys with spelling disabilities. Byring R, et al. **Dev Med Child Neurol** 1985 Apr;27(2):141-8

Mathematical expression of relationship between auditory brainstem transmission time and age. Fabiani M, et al. **Dev Med Child Neurol** 1984 Aug;26(4):461-5

Early detection of brainstem glioma using brainstem auditory evoked potentials. Guthkelch AN, et al. **Dev Med Child Neurol** 1985 Jun;27(3):331-4

Differential maturation of cortical auditory evoked potentials to speech sounds in normal fullterm and very low-birthweight infants. Kurtzberg D, et al. **Dev Med Child Neurol** 1984 Aug;26(4):466-75

Cochlear microphonics and action potentials mature and decline at different rates in the normal and pathologic mouse cochlea. Henry KR. **Dev Psychobiol** 1984 Sep; 17(5):493-504

Impaired auditory brainstem-evoked responses in insulin-dependent diabetic subjects. Fedele D, et al. **Diabetes** 1984 Nov;33(11):1085-9

Cochlear summating potential to broadband clicks detected from the human external auditory meatus. A study of subjects with normal hearing for age. Chatrian GE, et al. **Ear Hear** 1985 May-Jun;6(3):130-8

Some comparisons between auditory brain stem response thresholds, latencies, and the pure-tone audiogram. Gorga MP, et al. **Ear Hear** 1985 Mar-Apr;6(2):105-12

Human auditory steady state evoked potentials during sleep. Linden RD, et al. **Ear Hear** 1985 May-Jun;6(3):167-74

Binaural interaction in auditory brain stem responses: parametric studies. Wilson MJ, et al. **Ear Hear** 1985 Mar-Apr;6(2):80-8

An ear-canal electrode for the measurement of the human auditory brain stem response. Yanz JL, et al. **Ear Hear** 1985 Mar-Apr;6(2):98-104

Brainstem auditory evoked responses in infants at risk of sudden infant death. Pettigrew AG, et al. **Early Hum Dev** 1985 Jul;11(2):99-111

Frontal auditory evoked potentials and augmenting-reducing. Bruneau N, et al. **Electroencephalogr Clin Neurophysiol** 1985 Sep; 62(5):364-71

Unusual pattern of somatosensory and brain-stem auditory evoked potentials after cardio-respiratory arrest. Brunko E, et al. **Electroencephalogr Clin Neurophysiol** 1985 Sep; 62(5):338-42

The persistence of somatosensory and auditory pathway evoked potentials in severe hypoglycemia in the cat. Deutsch E, et al. **Electroencephalogr Clin Neurophysiol** 1985 Aug;61(2):161-4

Binaural interaction in auditory brain-stem responses: effects of masking. Dobie RA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;62(1):56-64

Evaluation of transducers for obtaining intraoperative short-latency auditory evoked potentials. Erwin CW, et al. **Electroencephalogr Clin Neurophysiol** 1985 Aug; 61(2):194-6

Is the auditory brain-stem response (ABR) effective in the assessment of post-traumatic coma? Facco E, et al. **Electroencephalogr Clin Neurophysiol** 1985 Sep;62(5):332-7

Latency compensation analysis of the auditory brain-stem evoked response. Galbraith GC. **Electroencephalogr Clin Neurophysiol** 1984 Oct; 58(4):333-42

Effects of body temperature elevation on auditory nerve-brain-stem evoked responses and EEGs in rats. Gold S, et al. **Electroencephalogr Clin Neurophysiol** 1985 Feb; 60(2):146-53

Aging changes in the cat P300 mimic the human. Harrison J, et al. **Electroencephalogr Clin Neurophysiol** 1985 May; 62(3):227-34

Effect of graded periods of congenital hypothyroidism on the peripheral auditory evoked activity of rats. Hebert R, et al. **Electroencephalogr Clin Neurophysiol** 1985 Sep; 62(5):381-7

Postnatal development of auditory function in the chicken revealed by auditory brain-stem responses (ABRs). Katayama A. **Electroencephalogr Clin Neurophysiol** 1985 Sep;62(5):388-98

Cortical mapping of the auditory middle latency response in the unanesthetized guinea pig. Kraus N, et al. **Electroencephalogr Clin Neurophysiol** 1985 May; 62(3):219-26

Auditory middle latency responses in children: effects of age and diagnostic category. Kraus N, et al. **Electroencephalogr Clin Neurophysiol** 1985 Sep; 62(5):343-51

Maturation of the brain-stem auditory evoked potential in premature infants. Krumholz A, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar; 62(2):124-34

The effects of physical and semantic incongruities on auditory event-related potentials. McCallum WC, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov; 59(6):477-88

Uncertainties of topodiagnosis of auditory nerve and brain-stem auditory evoked potentials due to rarefaction and condensation stimuli. Maurer K. **Electroencephalogr Clin Neurophysiol** 1985 Mar; 62(2):135-40

Maturation of contralateral brain-stem responses in preterm infants. Salamy A, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar; 62(2):117-23

Cerebral neuromagnetic responses evoked by short auditory stimuli. Sams M, et al. **Electroencephalogr Clin Neurophysiol** 1985 Oct; 61(4):254-66

A new interpretation of the generators of BAEP waves I-V: results of a spatio-temporal dipole model. Scherg M, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul; 62(4):290-9

Two bilateral sources of the late AEP as identified by a spatio-temporal dipole model. Scherg M, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;62(1):32-44

The 40 Hertz auditory event-related potential: normal values and effects of lesions. Spydell JD, et al. **Electroencephalogr Clin Neurophysiol** 1985 May; 62(3):193-202

A method for chronically recording brain-stem and cortical auditory evoked potentials from unanesthetized mice. Welch TM, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;60(1):78-83

Click spatial position influences middle latency auditory evoked potentials (MAEPs) in humans. Woods DL, et al. **Electroencephalogr Clin Neurophysiol** 1985 Feb;60(2):122-9

Brain-stem auditory evoked responses during activation of generalized paroxysmal discharges in man. Aguglia U, et al. **Electromyogr Clin Neurophysiol** 1985 Jan-Feb; 25(1):57-62

Early auditory evoked potentials: developmental aspects and validity in neuropaediatric and audiologic disorders. Maurer K, et al. **Eur J Pediatr** 1984 Nov;143(1):13-7

Responses of single neurones in cat auditory cortex to time-varying stimuli: frequency-modulated tones of narrow excursion. Phillips DP, et al. **Exp Brain Res** 1985; 58(3):443-54

Rapid auditory evoked vascular response in man. O'Halloran JP, et al. **Exp Neurol** 1985 Sep;89(3):569-82

Effects of attention on auditory evoked middle latency potentials. Kadobayashi I, et al. **Folia Psychiatr Neurol Jpn** 1984;38(4):459-63

Assessment of P300 latencies for individual EEG responses employing an adaptive correlating filter. Yamazaki K, et al. **Folia Psychiatr Neurol Jpn** 1984;38(4):465-71

Dementia: early diagnosis with an endogenous event-related potential (auditory P300). Pearce JW. **Hawaii Med J** 1984 Dec;43(12):463-6, 468, 470

Summating potential (SP) tuning curves. Cheatham MA, et al. **Hear Res** 1984 Nov;16(2):189-200

Analysis of the frequency following response in the cat. Davis RL, et al. **Hear Res** 1984 Jul;15(1):29-37

A comparison of brainstem, whole-nerve AP and single-fiber tuning curves in the gerbil: normative data. Dolan TG, et al. **Hear Res** 1985 Mar;17(3):259-66

Auditory brainstem and middle latency responses in non-human primates. Kraus N, et al. **Hear Res** 1985 Mar; 17(3):219-26

Frequency-following responses in the cat. Mair IW, et al. **Hear Res** 1984 Jul;15(1):1-10

Functional anatomy of the inferior colliculus and the auditory cortex: current source density analyses of click-evoked potentials. Müller-Preuss P, et al. **Hear Res** 1984 Nov; 16(2):133-42

Local auditory evoked potentials and effects of pure tones on click evoked potentials in the pigeon. Nomoto M. **Hear Res** 1985 Jan;17(1):13-25

Relationship of gross cochlear potentials to hair cell pathology in the waltzing guinea pig. Wit HP, et al. **Hear Res** 1984 Aug;15(2):159-71

Electrocorticogram (ECoG) and auditory evoked potential (AEP) in rats intoxicated with lead acetate. Takahashi Y, et al. **Ind Health** 1984;22(3):189-98

A new approach to endogenous event-related potentials in man: relation between EEG and P300-wave. Başar E, et al. **Int J Neurosci** 1984 Aug;24(1):1-21

The effect of light sleep on the brainstem auditory evoked potential (BAEP). Hughes JR, et al. **Int J Neurosci** 1984 Nov;24(3-4):267-74

Auditory evoked potentials in senescent forgetfulness. Loring DW, et al. **Int J Neurosci** 1984 Oct;24(2):133-41

Event related aspects of somatosensory and auditory evoked potentials: noise or signals? Stowell H. **Int J Neurosci** 1985 May;26(3-4):225-37

Maturation of auditory brainstem potentials in neonates and infants. Beiser M, et al. **Int J Pediatr Otorhinolaryngol** 1985 Jun;9(1):69-76

Augmentation of the auditory event related potentials of the brain during diastole. Sandman CA. **Int J Psychophysiol** 1984 Nov;2(2):111-9

Auditory testing of dogs with inherited retinal degeneration. Acland GM, et al. **Invest Ophthalmol Vis Sci** 1985 May; 26(5):785-8

Applications of auditory evoked potentials to evaluate hearing disorders: assets and limitations. Pratt H, et al. **Isr J Med Sci** 1985 Jan;21(1):44-9

Brainstem auditory-evoked responses and clinical picture in a one year follow-up of 18 patients with Friedreich ataxia. Finocchiaro G, et al. **Ital J Neurol Sci** 1985 Mar;6(1):47-52

Brainstem auditory evoked potential (BAEP) abnormalities in subjects with craniovertebral malformations. Sollazzo D, et al. **Ital J Neurol Sci** 1985 Jun;6(2):185-9

Changes in the 2f1-f2 acoustic emission and whole-nerve response following sound exposure: long-term effects. Dolan TG, et al. **J Acoust Soc Am** 1985 Apr;77(4):1475-83

The effects of stimulus duration on ABR and behavioral thresholds. Gorga MP, et al. **J Acoust Soc Am** 1984 Aug; 76(2):616-9

Interaction of cortical evoked potentials to electric and acoustic stimuli. Lusted HS, et al. **J Acoust Soc Am** 1984 Aug;76(2):449-55

Influence of direct current on dc receptor potentials from cochlear inner hair cells in the guinea pig. Nuttall AL. **J Acoust Soc Am** 1985 Jan;77(1):165-75

Impact noise and the equal energy hypothesis. Roberto M, et al. **J Acoust Soc Am** 1985 Apr;77(4):1514-20

The effects of ipsilateral tone burst stimulus level on the discharge patterns of cat lateral superior olivary units. Tsuchitani C, et al. **J Acoust Soc Am** 1985 Apr; 77(4):1484-96

Onset-offset effects of the human brainstem auditory-evoked response. Elfner LF, et al. **J Aud Res** 1983 Apr;23(2):101-7

Event-related brain potential correlates of the processing of novel visual and auditory information in autism. Courchesne E, et al. **J Autism Dev Disord** 1985 Mar; 15(1):55-76

Brain stem auditory evoked potentials and blink reflexes in multiple sclerosis. Ferguson IT, et al. **J Laryngol Otol** 1985 Jul;99(7):677-83

Brain-stem involvement in multiple sclerosis: a comparison between brain-stem auditory evoked potentials and the acoustic stapedius reflex. Kofler B, et al. **J Neurol** 1984; 231(3):143-7

BAEP abnormalities in tardive dyskinesia. Zeitlhofer J, et al. **J Neurol** 1984;231(5):266-8

Computed tomographic correlates of auditory brainstem responses in alcoholics. Chu NS. **J Neurol Neurosurg Psychiatry** 1985 Apr;48(4):348-53

Electrophysiology-CT correlations in exploration for acoustic neurinoma. Bonafé A, et al. **J Neuroradiol** 1985; 12(1):61-70 (Eng, Fre)

Intraoperative brain-stem auditory evoked potentials during posterior fossa microvascular decompression. Friedman WA, et al. **J Neurosurg** 1985 Apr;62(4):552-7

Use of intraoperative auditory evoked potentials to preserve hearing in unilateral acoustic neuroma removal. Ojemann RG, et al. **J Neurosurg** 1984 Nov;61(5):938-48

Deterioration of auditory evoked potentials during cerebellopontine angle manipulations. An interpretation based on an experimental model in dogs. Sekiya T, et al. **J Neurosurg** 1985 Oct;63(4):598-607

Changes in contralateral brain-stem auditory evoked responses to cerebellopontine angle compression in rats. Zappulla RA, et al. **J Neurosurg** 1985 Jul;63(1):106-12

Problems in interpreting abnormal auditory brainstem responses in comatose patients. Clochesy JM. **J Neurosurg Nurs** 1985 Aug;17(4):253-5

Brainstem auditory evoked potentials in atypical facial neuralgia. Ramani V. **J Oral Maxillofac Surg** 1985 Jan; 43(1):35-7

Electrophysiological correlates of semantic features. Molfese DL. **J Psycholinguist Res** 1985 May;14(3):289-99

Auditory brain stem response in experimentally induced hypothyroidism in albino rats. Ben-Tovim R, et al. **Laryngoscope** 1985 Aug;95(8):982-6

Auditory short, middle, and long latency responses in acutely comatose patients. Kaga K, et al. **Laryngoscope** 1985 Mar; 95(3):321-5

Measurement of auditory brain stem potentials in Bell's palsy. Shanon E, et al. **Laryngoscope** 1985 Feb;95(2):206-9

Electronystagmography and audio potentials in space flight. Thornton WE, et al. **Laryngoscope** 1985 Aug;95(8):924-32

Age-related differences in recovery cycle of auditory evoked potentials. Papanicolaou AC, et al. **Neurobiol Aging** 1984 Winter;5(4):291-5

Auditory-evoked potentials during biofeedback training of sensorimotor rhythms. Psatta DM. **Neurol Psychiatr (Bucur)** 1985 Jan-Mar;23(1):35-44

Long-latency event-related potentials in the evaluation of cognitive function in children. Finley WW, et al. **Neurology** 1985 Mar;35(3):323-7

Prediction of chronic vegetative state in children using evoked potentials. Frank LM, et al. **Neurology** 1985 Jun; 35(6):931-4

Enhanced auditory postauricular evoked responses after corticobulbar lesions. Hammond EJ, et al. **Neurology** 1985 Feb;35(2):278-81

Brainstem auditory evoked potentials in early diagnosis of basilar artery occlusion. Kaji R, et al. **Neurology** 1985 Feb; 35(2):240-3

Auditory evoked potentials in coma after closed head injury: a clinical-neurophysiologic coma scale for predicting outcome. Karnaze DS, et al. **Neurology** 1985 Aug; 35(8):1122-6

Brainstem auditory evoked potentials in chronic renal failure and maintenance hemodialysis. Komsuoglu SS, et al. **Neurology** 1985 Mar;35(3):419-23

Brainstem auditory evoked potentials in Guillain-Barré syndrome. Schiff JA, et al. **Neurology** 1985 May;35(5):771-3

Brainstem auditory evoked potential and blink reflex in multiple sclerosis. Kayamori R, et al. **Neurology (NY)** 1984 Oct;34(10):1318-23

Tobacco effects on cortical evoked potentials to distracting stimuli. Knott VJ. **Neuropsychobiology** 1985;13(1-2):74-80

Electrophysiological correlates of handedness and speech perception contrasts. Molfese DL, et al. **Neuropsychologia** 1985;23(1):77-86

Event-related potentials associated with the discrimination of acoustic and semantic aspects of speech. Novick B, et al. **Neuropsychologia** 1985;23(1):87-101

Responses of the primary auditory cortex to pitch changes in a sequence of tone pips: neuromagnetic recordings in man. Hari R, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):127-32

Brain stem auditory evoked potentials in Arnold-Chiari malformation: possible prognostic value and changes with surgical decompression. Holliday PO 3d, et al. **Neurosurgery** 1985 Jan;16(1):48-53

Limitations of brain stem auditory evoked potentials for intraoperative monitoring during a posterior fossa operation: case report and technical note. Piatt JH Jr, et al. **Neurosurgery** 1985 Jun;16(6):818-21

A quantitative assessment of the brain stem auditory evoked response during intraoperative monitoring. Zappulla R, et al. **Neurosurgery** 1984 Aug;15(2):186-91

Brain stem auditory evoked potentials in patients with the lateral medullary (Wallenberg's) syndrome. Elwany S. **ORL J Otorhinolaryngol Relat Spec** 1985;47(2):90-4

High-resolution CT scanning and auditory brain stem response in congenital aural atresia: patient selection and surgical correlation. Jahrsdoerfer RA, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):292-8

Monitoring auditory nerve potentials during operations in the cerebellopontine angle. Møller AR, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):434-9

Auditory nerve and brainstem responses in newborn infants with hyperbilirubinemia. Nakamura H, et al. **Pediatrics** 1985 Apr;75(4):703-8

Changes in auditory brainstem responses in hyperbilirubinemic infants before and after exchange transfusion. Nwaesei CG, et al. **Pediatrics** 1984 Nov; 74(5):800-3

Stability of pathway-hemisphere differences in the auditory event-related potential (ERP) to monaural stimulation. Connolly JF. **Psychophysiology** 1985 Jan;22(1):87-95

Second thoughts: multiple P300s elicited by a single stimulus. Johnson R Jr, et al. **Psychophysiology** 1985 Mar; 22(2):182-94

Relationship between stimulus intensity and the P300. Papanicolaou AC, et al. **Psychophysiology** 1985 May; 22(3):326-9

P300 latency and digit span. Surwillo WW. **Psychophysiology** 1984 Nov;21(6):708-11

Clinical application of evoked potentials. Pillay N. **S Afr Med J** 1984 Oct 27;66(17):652-5

Estimation of auditory brainstem response, ABR, by means of Bayesian inference. Elberling C, et al. **Scand Audiol** 1985; 14(2):89-96

Quality estimation of averaged auditory brainstem responses. Elberling C, et al. **Scand Audiol** 1984;13(3):187-97

Interpeak intervals of auditory brainstem response, interaural differences in normal-hearing subjects and patients with sensorineural hearing loss. Stürzebecher E, et al. **Scand Audiol** 1985;14(2):83-7

Effect of tone-burst frequency on fast and slow components of auditory brain-stem response. Takagi N, et al. **Scand Audiol** 1985;14(2):75-9

The objective assessment of hearing in children using the auditory brainstem responses. Yiap KH, et al. **Singapore Med J** 1984 Aug;25(4):278-86

Middle latency auditory evoked potentials in sleep apneics during waking and as a function of arterial oxygen saturation during apneas. Mosko SS, et al. **Sleep** 1984; 7(3):239-46

Laboratory note: effect on sleep latency of presleep AEP procedures. Spinweber CL. **Sleep** 1985;8(1):68-70

Brainstem auditory evoked responses in brainstem infarction. Faught E, et al. **Stroke** 1985 Jul-Aug;16(4):701-5

Auditory brainstem response in normal Chinese newborns. Hung KL. **Taiwan I Hsueh Hui Tsa Chih** 1984 Dec; 83(12):1287-93

Effect of hypothermia upon the electrocochleogram and auditory evoked brainstem response. Kusakari J, et al. **Tohoku J Exp Med** 1984 Jul;143(3):351-9

Hearing preservation in surgery for acoustic neuroma. Mikaelian DO, et al. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter; 37(2):255-8

Brainstem auditory evoked potential in a case of severe carbon monoxide intoxication. Choi IS, et al. **Yonsei Med J** 1983;24(2):149-52

[Simultaneous recording of auditory brain stem evoked potential and transtympanic ECochG in the diagnosis of the cerebellopontine angle lesion] Hu K. **Chung Hua I Hsueh Tsa Chih** 1984 May;64(5):294-8 (Eng. Abstr.) (Chi)

[Auditory brain stem evoked response in normal full-term neonates] Wang YH, et al. **Chung Hua I Hsueh Tsa Chih** 1985 May;65(5):264-9 (Eng. Abstr.) (Chi)

[Auditory myogenic response in normal subjects] Hu K, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Jun;6(3):187-90 (Eng. Abstr.) (Chi)

[Visual, auditory and somatosensory pathway involvement in Charcot-Marie-Tooth disease] Tang XF, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct; 6(5):357-62 (Eng. Abstr.) (Chi)

[Simultaneous registration of electrocochleography and early auditory evoked potentials using surface electrodes] Gersdorff M, et al. **Acta Otorhinolaryngol Belg** 1984; 38(2):170-6 (Fre)

[Value of evoked brain stem potentials in hydrocephalus caused by tumor of the posterior fossa (preliminary study)] Devaux B, et al. **Agressologie** 1985 May;26(5):423-6 (Eng. Abstr.) (Fre)

[Ipsilateral masking of auditory evoked potentials: a method of studying multiple sclerosis] Antonelli A, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(8):637-41 (Eng. Abstr.) (Fre)

[Early auditory evoked potentials in spinocerebellar heredodegenerative involvement] Belkahia A, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(2):97-103 (Eng. Abstr.) (Fre)

[Influence of the stimulation frequency on the morphology of auditory evoked potentials in multiple sclerosis] Collette JL, et al. **Ann Otolaryngol Chir Cervicofac** 1984; 101(8):631-5 (Eng. Abstr.) (Fre)

[Auditory-evoked brainstem potentials and stapedius muscle reflex: intersubject variability] Robier A, et al. **Audiology** 1984;23(5):490-7 (Eng. Abstr.) (Fre)

[Brain stem AEP in toxic comas. Correlation with brain stem reflexes] Garrel S, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Nov; 14(2):125-31 (Eng. Abstr.) (Fre)

[Relation between auditory evoked potentials (presence, amplitude) during sound and light conditioning and levels of dopamine derivatives in infantile autism] Martineau J, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Nov; 14(2):139-48 (Eng. Abstr.) (Fre)

[Early brain stem auditory evoked potentials in brain death] Tapie P, et al. **Rev Electroencephalogr Neurophysiol Clin** 1985 Apr; 14(4):329-32 (Eng. Abstr.) (Fre)

[Characteristics of middle-latency auditory evoked potentials in awake and anesthetized patients] Tekalan SA, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Nov; 14(2):115-23 (Eng. Abstr.) (Fre)

[Brain stem auditory evoked potentials in 'alcoholic epilepsy'] Touchon J, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Nov; 14(2):133-7 (Eng. Abstr.) (Fre)

[Significance of early auditory and somatesthetic evoked potentials in coma] Despland PA, et al. **Rev Med Suisse Romande** 1985 Apr;105(4):323-9 (Fre)

[Diagnostic approach to multiple sclerosis by evoked potentials (visual, somesthetic and early auditory potentials). Study concerning 113 patients] Bourhours PH, et al. **Rev Otoneuroophtalmol** 1984 May-Jun;56(3):263-72 (Eng. Abstr.) (Fre)

[Conditioning of acoustic evoked potentials and unconscious stimulus processing in repressors, non-defensives and sensitizers] Roth R. **Arch Psychol (Frankf)** 1984; 136(1):13-33 (Eng. Abstr.) (Ger)

[Otoneurologic findings in multiple sclerosis. Stapedius reflex, vestibular evaluation, early acoustic evoked potentials] Oberascher G, et al. **HNO** 1985 Jan;33(1):23-5 (Eng. Abstr.) (Ger)

[Latency behavior of early acoustic evoked potentials in inner ear hearing loss] Gerull G, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Mar;64(3):162-8 (Eng. Abstr.) (Ger)

[Stimulus level dependence of BERA potential amplitudes] Hoth S. **Laryngol Rhinol Otol (Stuttg)** 1985 Jul;64(7):368-74 (Eng. Abstr.) (Ger)

[Rarefaction-pressure problem of acoustic stimuli from the neuro-otologic viewpoint] Maurer K. **Laryngol Rhinol Otol (Stuttg)** 1985 Mar;64(3):169-73 (Eng. Abstr.) (Ger)

[Frequency of the P3 component of the acoustic ERP in children with normal or diminished concentration ability] Cammann R, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Jun;37(6):335- (Eng. Abstr.) (Ger)

[Acoustically evoked brain stem potential in Wilson disease] Krause T, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Sep;36(9):545-50 (Eng. Abstr.) (Ger)

[General considerations on the clinical application of evoked potentials] Despland PA. **Schweiz Med Wochenschr** 1984 Sep 1;114(35):1191-7 (Eng. Abstr.) (Ger)

[Visual and acoustic evoked potentials in multiple sclerosis] Kofler B. **Wien Med Wochenschr** 1985 Jan 31;135(1-2):35-8 (Eng. Abstr.) (Ger)

[Semiological significance of evoked auditory potentials of the brain stem in otoneurology and audiology] **Acta Otorhinolaryngol Ital** 1984;4 Suppl 3:1-146 (Ita)

[Brain-stem auditory evoked potentials in vertebrobasilar insufficiency] Albera R, et al. **Acta Otorhinolaryngol Ital** 1984;4 Suppl 3:111-7 (Ita)

[Test-retest variability in healthy subjects and multiple sclerosis patients] Antonelli A, et al. **Acta Otorhinolaryngol Ital** 1984 Sep-Oct;4(5):567-75 (Eng. Abstr.) (Ita)

[Clinical applications of evoked auditory potentials in pediatric audiology] Arslan E, et al. **Acta Otorhinolaryngol Ital** 1984;4 Suppl 3:101-10 (Ita)

[Clinical applications of brain stem auditory evoked potentials in adult audiology] Bosatra A. **Acta Otorhinolaryngol Ital** 1984;4 Suppl 3:93-9 (Ita)

[Brain stem auditory evoked potentials. General remarks] Calogero B. **Acta Otorhinolaryngol Ital** 1984;4 Suppl 3:7-22 (Ita)

[Electrocochleography and auditory brain stem responses in pediatric audiology. Comparison of results in threshold determination] Conti G, et al. **Acta Otorhinolaryngol Ital** 1984 Nov-Dec;4(6):655-66 (Eng. Abstr.) (Ita)

[Our experience with auditory brain stem evoked potentials in response to bone stimulation] Cornacchia L, et al. **Acta Otorhinolaryngol Ital** 1984;4 Suppl 3:83-91 (Ita)

[Effect of stimulus and subject-related variables on brain stem auditory evoked potentials] De Vincentiis I, et al. **Acta Otorhinolaryngol Ital** 1984;4 Suppl 3:51-66 (Ita)

[Clinical applications of brain stem auditory evoked potentials in otoneurology] Dufour A, et al. **Acta Otorhinolaryngol Ital** 1984;4 Suppl 3:119-28 (Ita)

[Auditory brain-stem evoked potentials in dysmetabolic and toxic encephalopathies] Martini A, et al. **Acta Otorhinolaryngol Ital** 1984;4 Suppl 3:137-44 (Ita)

[Effect of recording system variables on auditory evoked potentials] Marullo T, et al. **Acta Otorhinolaryngol Ital** 1984;4 Suppl 3:67-74 (Ita)

[Procedure for testing auditory brain stem responses in the healthy adult and child—methodologic considerations] Mininni F. **Acta Otorhinolaryngol Ital** 1984;4 Suppl 3:75-82 (Ita)

[Auditory brain-stem evoked potentials in the evaluation of comatose patients] Molinari G, et al. **Acta Otorhinolaryngol Ital** 1984;4 Suppl 3:129-35 (Ita)

[Equipment and methods for recording brain stem auditory evoked potentials] Morra B. **Acta Otorhinolaryngol Ital** 1984;4 Suppl 3:39-49 (Ita)

[Auditory evoked potentials of the brainstem in the diagnosis and evaluation of states of nervous involvement in chronic nephropathies] Piemonte M. **Acta Otorhinolaryngol Ital** 1984 Jul-Aug;4(4):475-88 (Eng. Abstr.) (Ita)

[Long-term effects of neonatal medium-degree hyperbilirubinemia on brainstem evoked potentials] Pallotta R, et al. **Pediatr Med Chir** 1984 Mar-Apr;6(2):273-5 (Eng. Abstr.) (Ita)

[Cerebellopontine angle surgery and intraoperative monitoring of the auditory function. The significance and interpretation of changes of evoked potentials based on animal experimental models] Sekiya T, et al. **Neurol Med Chir (Tokyo)** 1985 Apr;25(4):254-62 (Eng. Abstr.) (Jpn)

[An experimental study on the role of inferior colliculus to auditory brainstem response] Funai H. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Jul;87(7):785-99 (Eng. Abstr.) (Jpn)

[Effect of glucose-free vascular perfusion upon cochlear potentials] Kambayashi J. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Jan;88(1):1-12 (Eng. Abstr.) (Jpn)

[Experimental study on the effect of ultrasonic surgical aspiration on blood flow and nerve function by use of ultrasonic Doppler flowmeter and auditory brainstem evoked response] Konishi T, et al. **No Shinkei Geka** 1984 Aug;12(9):1069-75 (Eng. Abstr.) (Jpn)

[Brain stem auditory evoked potentials for assessment of isolated fourth ventricle in three patients] Nozaki K, et al. **No Shinkei Geka** 1985 May;13(5):539-45 (Eng. Abstr.) (Jpn)

[Thyrotropin-releasing hormone and auditory brain stem response] Tachibana H, et al. **No To Hattatsu** 1985 May;17(3):223-5 (Eng. Abstr.) (Jpn)

[Postnatal changes of brain stem auditory evoked responses in normal and high risk neonates] Tomita Y, et al. **No To Hattatsu** 1984 Jul;16(4):279-84 (Eng. Abstr.) (Jpn)

[Auditory evoked brain-stem responses (ABRs) in brain dead status] Sasaki M, et al. **No To Shinkei** 1984 Sep;36(9):917-24 (Eng. Abstr.) (Jpn)

[Recording action potentials with a latency period of 12-50 msec after acoustic stimulus in persons with normal hearing] Pruszewicz A, et al. **Otolaryngol Pol** 1984;38(5):431-40 (Eng. Abstr.) (Pol)

[Simulation of spontaneous discharge and short-term adaptation in acoustic nerve fibers] Bibikov NG, et al. **Biofizika** 1985 Jan-Feb;30(1):141-4 (Eng. Abstr.) (Rus)

[Effect of masking on interhemispheric and bilateral asymmetry of long-latency auditory evoked potentials] Koroleva IV, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):643-5 (Eng. Abstr.) (Rus)

[Spectral and temporal characteristics of long-latency auditory evoked potentials] Bakai EA, et al. **Fiziol Cheloveka** 1985 Jan-Feb;11(1):51-4 (Rus)

[Reflection of the lateralization of sound stimuli in the evoked potentials of the human brain] Ndinga A, et al. **Fiziol Cheloveka** 1984 Mar-Apr;10(2):265-71 (Rus)

[Dynamic characteristics of brain biopotentials as affected by complex sound communication signals] Novitskaia LP. **Fiziol Cheloveka** 1984 May-Jun;10(3):469-71 (Rus)

[Nomenclature of human auditory evoked potentials] Sagalovich BM. **Fiziol Cheloveka** 1984 Nov-Dec;10(6):1019-26 (99 ref.) (Rus)

[Comparative evaluation of the types of mathematical curve fitting in analyzing auditory evoked potentials of the brain stem] Tavartkiladze GA, et al. **Fiziol Cheloveka** 1984 May-Jun;10(3):486-8 (Rus)

[Use of brain stem auditory evoked potentials in the diagnosis of retrocochlear pathology] Khechinashvili SN, et al. **Vestn Otorinolaringol** 1985 May-Jun;(3):23-8 (Eng. Abstr.) (Rus)

[Audiological characteristics of Ménière's disease based on recording data on brain stem-evoked auditory potentials] Sagalovich BM, et al. **Vestn Otorinolaringol** 1984 Sep-Oct;(5):8-13 (Eng. Abstr.) (Rus)

[Short-latency brain stem evoked potentials to acoustic stimulation in patients with hereditary neuromuscular diseases] Badalian LO, et al. **Zh Nevropatol Psikhiatr** 1985;85(3):321-6 (Eng. Abstr.) (Rus)

[Functional status of the brain stem in cerebral circulatory disorders according to the results of a study of evoked brain-stem auditory potentials] Sumskiĭ LI, et al. **Zh Nevropatol Psikhiatr** 1985;85(3):326-30 (Eng. Abstr.) (Rus)

[Dynamic study of brain stem evoked potentials in cerebral aneurysms] Belousova OB. **Zh Vopr Neirokhir** 1985 Jan-Feb;(1):38-42 (Eng. Abstr.) (Rus)

[Effect of proprioceptive and visual stimulation on brain stem auditory evoked potentials in the cat and in man] Alekseenko NIu, et al. **Zh Vyssh Nerv Deiat** 1984 Sep-Oct;34(5):920-5 (Eng. Abstr.) (Rus)

[Effect of genotype and environment on individual features of the orientation reaction in man] Kochubeĭ BI. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):428-34 (Eng. Abstr.) (Rus)

['Fast' and 'slow' habituation of auditory evoked potentials in the vertex area in response to repeated presentation of a stimulus] Loginov VV, et al. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):575-7 (Rus)

[Relation between evoked potentials of the auditory rea of the cerebral cortex of the cat and the sequential position of a click in a repeated standard series] Varga ME, et al. **Zh Vyssh Nerv Deiat** 1984 Jul-Aug;34(4):787-90 (Rus)

[The significance of auditory brain stem potentials in otoneurology] Ivanović A. **Zb Vojnomed Akad** 1983;25:29-34 (Eng. Abstr.) (Ser)

[Brain stem evoked potentials in diabetics] Barrasa J, et al. **Actas Luso Esp Neurol Psiquiatr** 1984 Nov-Dec;12(6):364-8 (Eng. Abstr.) (Spa)

[Experimental findings on the origin of brainstem potentials. Experimental study in cats] Morera C, et al. **An Otorrinolaringol Ibero Am** 1985;12(3):229-42 (Eng. Abstr.) (Spa)

[Brainstem potentials in the diagnosis of multiple sclerosis] Núñez M, et al. **An Otorrinolaringol Ibero Am** 1985;12(3):217-27 (Eng. Abstr.) (Spa)

[Effect of masking on the auditive potentials of the brainstem and on the action potential of the VIII nerve in man] Prosser S, et al. **An Otorrinolaringol Ibero Am** 1984;11(5-6):445-57 (Eng. Abstr.) (Spa)

[Brain stem auditory evoked potentials at diagnosis in multiple sclerosis] Sainz Quevedo M. **An Otorrinolaringol Ibero Am** 1984;11(4):307-17 (Eng. Abstr.) (Spa)

[Clicks by bone conduction versus bone-conducted masking for evaluations of brain stem auditory evoked potentials in pediatric patients] Ysunza A. **Bol Med Hosp Infant Mex** 1985 Feb;42(2):99-106 (Eng. Abstr.) (Spa)

[Brainstem auditory evoked potentials in Friedreich's ataxia] Bescansa E, et al. **Rev Clin Esp** 1985 May;176(8):396-9 (Eng. Abstr.) (Spa)

DRUG EFFECTS

Effect of glycerol on furosemide-caused EP decrease in guinea pig neonates. Ohmura M, et al. **Acta Otolaryngol (Stockh)** 1985 Jan-Feb;99(1-2):21-4

Methyl mercury ototoxicity in mice determined by auditory brainstem responses. Wassick KH, et al. **Acta Otolaryngol (Stockh)** 1985 Jan-Feb;99(1-2):35-45

The effects of isoflurane and isoflurane-nitrous oxide anesthesia on brainstem auditory evoked potentials in humans. Manninen PH, et al. **Anesth Analg** 1985 Jan;64(1):43-7

The effect of high dose sodium thiopental on brain stem auditory and median nerve somatosensory evoked responses in humans. Drummond JC, et al. **Anesthesiology** 1985 Sep;63(3):249-54

Scopolamine, morphine, and brain-stem auditory evoked potentials in awake monkeys. Samra SK, et al. **Anesthesiology** 1985 Apr;62(4):437-41

Dissociation of the cochlear microphonics and endocochlear potential after injection of ethacrynic acid. Komune S, et al. **Arch Otorhinolaryngol** 1985;241(2):149-56

Effect of nitrous oxide on visual, auditory and somatosensory evoked potentials. Sebel PS, et al. **Br J Anaesth** 1984 Dec;56(12):1403-7

Effect of etomidate on the auditory evoked response in man. Thornton C, et al. **Br J Anaesth** 1985 Jun;57(6):554-61

Dissociation of endogenous components of auditory evoked potentials following carbachol microinjection into the cholinoceptive pontine inhibitory area. Katayama Y, et al. **Brain Res** 1985 May 20;334(2):366-71

Phencyclidine (PCP): effects on auditory evoked potentials in the rhesus monkey. Matsuzaki M, et al. **Brain Res Bull** 1984 Jul;13(1):155-61

Brainstem auditory evoked potentials in migraine patients in basal conditions and after chronic flunarizine treatment. Bussone G, et al. **Cephalalgia** 1985 May;5 Suppl 2:177-80

The penetration of metrizamide into the brain after routine lumbar myelography as shown by cerebral computed tomography and its effect on auditory brainstem transmission time. Brekkan A, et al. **Fur J Radiol** 1985 Feb;5(1):48-51

Failure of 5-hydroxytryptophan to modulate brain stem auditory evoked responses in myelin deficient mutant qk mice. Shah SN, et al. **Exp Neurol** 1984 Oct;86(1):160-4

Furosemide selectively reduces one component in rate-level functions from auditory-nerve fibers. Sewell WF. **Hear Res** 1984 Jul;15(1):69-72

Dissociation of maximum concentration of kanamycin in plasma and perilymph from ototoxic effect. Davis RR, et al. **J Antimicrob Chemother** 1984 Sep;14(3):291-302

Naloxone increases electrophysiological measures of selective information processing in humans. Arnsten AF, et al. **J Neurosci** 1984 Dec;4(12):2912-9

Antagonistic effect of radix Puerariae on the ototoxicity of sodium ethocrynate. An experimental study. Dong WJ, et al. **J Tradit Chin Med** 1984 Sep;4(3):229-32

Opiates and opioid peptides modify sensory evoked potentials and synaptic excitability in the rat dentate gyrus. Christian EP, et al. **Neuropharmacology** 1985 Jul;24(7):607-15

Effect of fentanyl and naloxone on the P300 auditory potential. Velasco M, et al. **Neuropharmacology** 1984 Aug;23(8):931-8

Resistance of the auditory brain stem response to high barbiturate levels. Marsh RR, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):685-8

Effect of bilirubin on brainstem auditory evoked potentials in the asphyxiated rat. Jirka JH, et al. **Pediatr Res** 1985 Jun;19(6):556-60

Does general anaesthesia affect the child's auditory middle latency response (MLR)? Prosser S, et al. **Scand Audiol** 1985;14(2):105-7

[Long-term gentamicin ototoxicity in the rat: research on retro-cochlear involvement by study of evoked auditory potentials of the brain stem] de Lavernhe-Lemaire MC, et al. **Arch Int Physiol Biochim** 1985 May;93(1):7-18 (Eng. Abstr.) (Fre)

[Monitoring of auditory function in comatose patients in therapy with potentially ototoxic substances using acoustically evoked brain stem potentials] Piek J, et al. **Anasth Intensivther Notfallmed** 1985 Feb;20(1):1-5 (Eng. Abstr.) (Ger)

[Electrophysiologic studies of alcohol dependent patients] Völker W, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 May;37(5):272-9 (Eng. Abstr.) (Ger)

[Total ophthalmoplegia and brainstem auditory evoked response abnormalities in a patient with acute phenytoin intoxication] Oda R, et al. **Rinsho Shinkeigaku** 1984 Jun;24(6):586-92 (Eng. Abstr.) (Jpn)

RADIATION EFFECTS

Changes in cochlear microphonic response after Y-ray irradiation of the inner ear of the guinea-pig. Nagel D, et al. **Arch Otorhinolaryngol** 1984;241(1):17-21

EVOKED POTENTIALS, SOMATOSENSORY

Relation between changes in the preparatory brain potential and excitability of the H-reflex, and localization of a focal ischaemic brain lesion. Jergelová M, et al. **Act Nerv Super (Praha)** 1985 Mar;27(1):15-9

Cortical tooth pulp evoked potentials in freely moving rat. Rehnig HP, et al. **Acta Neurobiol Exp (Warsz)** 1984;44(5):205-16

Somatosensory evoked potentials (SEPs) by median nerve stimulation in the evaluation of hemiplegics. Cosi V, et al. **Acta Neurol (Napoli)** 1985 Apr;7(2):85-92

Subcortical SEPs in upper cervical cord compression. A case report. D'Alpa F, et al. **Acta Neurol (Napoli)** 1984 Aug;6(4):304-8

Cervical SEPs from musculo-cutaneous nerve stimulation. D'Alpa F. **Acta Neurol (Napoli)** 1984 Aug;6(4):253-8

Conduction time in central somatosensory pathway: an improved technique. D'Alpa F. **Acta Neurol (Napoli)** 1984 Aug;6(4):245–52

An analysis of spinal (median nerve) SEP components in healthy subjects. D'Alpa F. **Acta Neurol (Napoli)** 1984 Dec; 6(6):413–7

The blink reflex and somatosensory evoked potential in optic neuritis in south India. Chand RP, et al. **Acta Neurol Scand** 1985 Feb;71(2):150–5

The value of somatosensory-evoked potentials and bulbocavernosus reflex in patients with impotence. Ertekin C, et al. **Acta Neurol Scand** 1985 Jan;71(1):48–53

N20 and P40 somatosensory evoked potentials: thalamic lesions and subcortical origin. Fisher MA, et al. **Acta Neurol Scand** 1985 Jan;71(1):25–30

Short latency somatosensory evoked potentials in Charcot–Marie–Tooth disease. A family with an intermediate form. Rossi A, et al. **Acta Neurol Scand** 1985 Feb;71(2):156–63

Sensory evoked potentials of the radial and sural nerves in healthy adult subjects: age- and sex-dependent normal values. Kredba J. **Acta Univ Carol [Med] (Praha)** 1984; 30(1–2):89–115

Sensory potentials evoked by stimulation of the Jing points at the hand. Bossy J, et al. **Acupunct Electrother Res** 1984; 9(4):195–201

Short latency somatosensory evoked potentials during active hand movements. Tarkka IM, et al. **Am J Phys Med** 1985 Feb;64(1):10–6

Measurement of central somatosensory conduction time in patients undergoing cardiopulmonary bypass: an index of neurologic function. Kopf GS, et al. **Am J Surg** 1985 Apr; 149(4):445–8

Intracranial subdural gas: a cause of false-positive change of intraoperative somatosensory evoked potential. McPherson RW, et al. **Anesthesiology** 1985 Jun;62(6):816–9

Dermatomal somatosensory evoked potentials in unilateral lumbosacral radiculopathy. Aminoff MJ, et al. **Ann Neurol** 1985 Feb;17(2):171–6

Evoked potential testing in relatives of multiple sclerosis patients. Nuwer MR, et al. **Ann Neurol** 1985 Jul;18(1):30–4

Pattern-shift visual, brainstem auditory and short-latency somatosensory evoked potentials in multiple sclerosis. Chiappa KH. **Ann NY Acad Sci** 1984;436:315–27 (44 ref.)

Return to alertness after brain-stem hemorrhage. A case with evoked potential and roentgenographic evidence of bilateral tegmental damage. Portenoy RK, et al. **Arch Neurol** 1985 Jan;42(1):85–8

Early cortical median nerve somatosensory evoked potentials. Prognostic value in anoxic coma. Walser H, et al. **Arch Neurol** 1985 Jan;42(1):32–8

The application of somatosensory-evoked potentials in orthopedic spine surgery. Mostegl A, et al. **Arch Orthop Trauma Surg** 1984;103(3):179–84

Dynamic approach in the diagnosis of thoracic outlet syndrome using somatosensory evoked responses. Chodoroff G, et al. **Arch Phys Med Rehabil** 1985 Jan; 66(1):3–6

Quantification of intraoperative somatosensory evoked potential. Gonzalez EG, et al. **Arch Phys Med Rehabil** 1984 Nov;65(11):721–5

Lumbar spinal stenosis: analysis of pre- and postoperative somatosensory evoked potentials. Gonzalez EG, et al. **Arch Phys Med Rehabil** 1985 Jan;66(1):11–5

Electrodiagnostic values through the thoracic outlet using C8 root needle studies, F-waves, and cervical somatosensory evoked potentials. Livingstone EF, et al. **Arch Phys Med Rehabil** 1984 Nov;65(11):726–30

The effect of experimental concussion on somatosensory evoked potentials. Shaw NA, et al. **Aust J Exp Biol Med Sci** 1984 Jun;62 (Pt 3):361–71

Intra-operative spinal cord monitoring during surgery for scoliosis using somatosensory evoked potentials. Whittle IR, et al. **Aust NZ J Surg** 1984 Dec;54(6):553–7

Chronic brain ischemia in the monkey assessed by somatosensory evoked potentials and local blood flow measurements. Lopes da Silva FH, et al. **Behav Brain Res** 1985 Apr;15(2):147–57

Distinctive somatosensory evoked potential features in obsessive-compulsive disorder. Shagass C, et al. **Biol Psychiatry** 1984 Nov;19(11):1507–24

Evoked cortical potential correlates of rearing environment in rats. Leah J, et al. **Biol Psychol** 1985 Feb;20(1):21–9

Stable abnormalities in the lateralisation of early cortical somatosensory evoked potentials in schizophrenic patients. Cooper JE, et al. **Br J Psychiatry** 1985 Jun;146:585–93

Cerebral somatosensory potentials evoked by muscle stretch, cutaneous taps and electrical stimulation of peripheral nerves in the lower limbs in man. Cohen LG, et al. **Brain** 1985 Mar;108 (Pt 1):103–21

Pathogenesis of giant somatosensory evoked potentials in progressive myoclonic epilepsy. Shibasaki H, et al. **Brain** 1985 Mar;108 (Pt 1):225–40

Somatosensory evoked potentials in cervical spondylosis. Correlation of median, ulnar and posterior tibial nerve responses with clinical and radiological findings. Yu YL, et al. **Brain** 1985 Jun;108 (Pt 2):273–300

Operant conditioning of somatosensory evoked potential (SEP) amplitude in rats. II. Associated changes in reflex and continuous non-timelocked movements. Dowman R, et al. **Brain Res** 1985 May 6;333(2):213–22

Operant conditioning of somatosensory evoked potential (SEP) amplitude in rats. I. Specific changes in SEP amplitude and a naloxone-reversible somatotopically specific change in facial nociception. Dowman R, et al. **Brain Res** 1985 May 6;333(2):201–12

Somatosensory evoked potentials and neuraxial blood flow in central nervous system decompression sickness. Leitch DR, et al. **Brain Res** 1984 Oct 8;311(2):307–15

Dissociation of subjective pain report and pain-related late positive components of cerebral evoked potentials in subjects with brain lesions. Katayama Y, et al. **Brain Res Bull** 1985 May;14(5):423–6

Evoked potentials in non-convulsive status epilepticus. Co S, et al. **Clin Electroencephalogr** 1985 Jan;16(1):33–8

Somatosensory evoked potentials in healthy volunteers and in patients with dementia. Huisman UW, et al. **Clin Neurol Neurosurg** 1985;87(1):11–6

Evoked potentials in uremia. Albertazzi A, et al. **Contrib Nephrol** 1985;45:60–8

Decrement of somatosensory evoked potentials during repetitive stimulation. Angel RW, et al. **Electroencephalogr Clin Neurophysiol** 1985 Apr; 60(4):335–42

Somatosensory evoked potentials in Huntington's chorea. Bollen EL, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul;62(4):235–40

Unusual pattern of somatosensory and brain-stem auditory evoked potentials after cardio-respiratory arrest. Brunko E, et al. **Electroencephalogr Clin Neurophysiol** 1985 Sep; 62(5):338–42

Serial waking-sleep EEGs and evolution of somatosensory potentials in Creutzfeldt-Jakob disease. Calleja J, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jun;60(6):504–8

Erb's and cervical somatosensory evoked potentials: correlations with body size. Chu NS, et al. **Electroencephalogr Clin Neurophysiol** 1985 Sep; 62(5):319–22

About the origin of cerebral somatosensory potentials evoked by Achilles tendon taps in humans. Cohen L, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar; 62(2):108–16

Abnormal somatosensory evoked potentials in amyotrophic lateral sclerosis. Dasheiff RM, et al. **Electroencephalogr Clin Neurophysiol** 1985 Apr; 60(4):306–11

Bit-mapped colour imaging of the potential fields of propagated and segmental subcortical components of somatosensory evoked potentials in man. Desmedt JE, et al. **Electroencephalogr Clin Neurophysiol** 1984 Dec; 58(6):481–97

Color imaging of parietal and frontal somatosensory potential fields evoked by stimulation of median or posterior tibial nerve in man. Desmedt JE, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;62(1):1–17

The persistence of somatosensory and auditory pathway evoked potentials in severe hypoglycemia in the cat. Deutsch E, et al. **Electroencephalogr Clin Neurophysiol** 1985 Aug;61(2):161–4

Somatosensory evoked potentials in minor cerebral ischaemia: diagnostic significance and changes in serial records. De Weerd AW, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;62(1):45–55

Somatosensory evoked potentials (SEPs) and cortical single unit responses elicited by mechanical tactile stimuli in awake monkeys. Gardner EP, et al. **Electroencephalogr Clin Neurophysiol** 1984 Dec; 58(6):537–52

Developmental assessment of spinal cord and cortical evoked potentials after tibial nerve stimulation: effects of age and stature on normative data during childhood. Gilmore RL, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul; 62(4):241–51

Somatosensory evoked potentials to mechanical disturbances of positioning movements in man: gating of middle-range components. Grünewald G, et al. **Electroencephalogr Clin Neurophysiol** 1984 Dec; 58(6):525–36

Somatosensory evoked potentials in abetalipoproteinemia. Johnson SF. **Electroencephalogr Clin Neurophysiol** 1985 Jan;60(1):27–9

Effects on median nerve SEPs of tactile stimulation applied to adjacent and remote areas of the body surface. Kakigi R, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul; 62(4):252–65

Localization of sensory levels in traumatic quadriplegia by segmental somatosensory evoked potentials. Louis AA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul; 62(4):313–6

Clinical relevance of long-latency SEPs and VEPs during coma and emergence from coma. Pfurtscheller G, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar;62(2):88–98

Spinal and cortical evoked potentials following stimulation of the posterior tibial nerve in the diagnosis and localization of spinal cord diseases. Riffel B, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov;58(5):400–7

Short-latency scalp somatosensory evoked potentials and central spine to scalp propagation characteristics during peroneal and median nerve stimulation in multiple sclerosis. Rossini PM, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar;60(3):197–206

Short-latency cortical potentials evoked by tactile air-jet stimulation of body and face in man. Schieppati M, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov; 58(5):418–25

A non-linear analysis of afferent modulatory activity in the cat somatosensory system. Sclabassi RJ, et al. **Electroencephalogr Clin Neurophysiol** 1985 May; 60(5):444–54

The human posterior tibial somatosensory evoked potential: synapse dependent and synapse independent spinal components. Seyal M, et al. **Electroencephalogr Clin Neurophysiol** 1985 Sep; 62(5):323–31

The effects of profound hypothermia on the cervical SEP in humans: evidence of dual generators. Taylor MJ, et al. **Electroencephalogr Clin Neurophysiol** 1985 May; 62(3):184–92

Subcortical, thalamic and cortical somatosensory evoked potentials to median nerve stimulation. Tsuji S, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov; 59(6):465–76

Stationary negative potentials near the source vs. positive far-field potentials at a distance. Yamada T, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jun; 60(6):509–24

Somatosensory evoked potentials (SEP) in relation to nociception and anesthesia. Bertens AP. **Electromyogr Clin Neurophysiol** 1985 Jan–Feb;25(1):3–33

Short latency SEP to median nerve stimulation: recording methods, origin of components and clinical application. Drechsler F. **Electromyogr Clin Neurophysiol** 1985 Mar–Apr;25(2–3):115–34

New contributions to the study of somato-sensory potentials in hemiplegics. Intrahemispheric conduction delay in some severely involved hemiplegic patients. Lajoie WJ, et al. **Electromyogr Clin Neurophysiol** 1985 Mar–Apr; 25(2–3):103–13

The influence of vitamin B6 deficiency on somatosensory stimulus conduction in the rat. Claus D, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(2):102–5

Chronotopographical potential distribution of some SSEP components in cerebrovascular insufficiency. Colon EJ, et al. **Eur Neurol** 1985;24(1):33–40

Subclinical effects of exposure to inorganic mercury revealed by somatosensory-evoked potentials. Lamm O, et al. **Eur Neurol** 1985;24(4):237–43

Effects of intravenously administered L-acetylcarnitine on somatosensory-evoked potentials. Studies of healthy and diseased volunteers with focal cerebral lesions. Rossini PM, et al. **Eur Neurol** 1985;24(4):262–71

Lumbar-spinal somatosensory evoked potentials in the rat after stimulation of the tibial nerve. Wiethölter H, et al. **Exp Neurol** 1985 Jul;89(1):24–31

Somatosensory evoked potentials in hepatic encephalopathy. Yang SS, et al. **Gastroenterology** 1985 Sep;89(3):625–30

Somatosensory evoked potentials in migraine and tension headache [letter] Montagna P, et al. **Headache** 1985 Mar; 25(2):115

Monitoring of evoked responses during carotid endarterectomy and extracranial-intracranial anastomosis. Lam AM, et al. **Int Anesthesiol Clin** 1984 Fall;22(3):107–12

Peak latency differences in evoked potentials elicited by painful dental and cutaneous stimulation. Chapman CR, et al. **Int J Neurosci** 1985 Jul;27(1–2):1–12

Interhemispheric transmission: assessment with vibratory somatosensory evoked potentials. Gott PS, et al. **Int J Neurosci** 1985 Jul;27(1–2):121–30

Human evoked potentials and C-fiber pain. Stowell H. **Int J Neurosci** 1985 May;26(3–4):219–24

Event related aspects of somatosensory and auditory evoked potentials: noise or signals? Stowell H. **Int J Neurosci** 1985 May;26(3–4):225–37

Spacetime body maps and somatosensory evoked potentials. Stowell H. **Int J Neurosci** 1984 Dec;25(1–2):47–52

Brain death and bioelectrical brain activity. Pfurtscheller G, et al. **Intensive Care Med** 1985;11(3):149–53

Comparison of cervical SEPs on median, radial and ulnar nerve stimulation. D'Alpa F. **Ital J Neurol Sci** 1985 Jun; 6(2):177–83

Neurophysiological aids in diagnosis evaluation and prognosis. Larson SJ, et al. **J Am Paraplegia Soc** 1984 Oct; 7(4):66–9

Somatosensory evoked potentials in patients with thalamic lesions. Kudo Y, et al. **J Neurol** 1985;232(2):61–6

Short-latency somatosensory evoked potentials in degenerative and vascular dementia. Abbruzzese G, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):1034–7

Topographic analysis of somatosensory evoked potentials in patients with well-localized thalamic infarctions. Yamada T, et al. **J Neurol Sci** 1985 Apr;68(1):31–46

Somatosensory evoked potentials evaluated in normal subjects and spinal cord-injured patients. Chabot R, et al. **J Neurosurg** 1985 Oct;63(4):544–51

Postoperative paraplegia with preserved intraoperative somatosensory evoked potentials. Case report. Ginsburg HH, et al. **J Neurosurg** 1985 Aug;63(2):296–300

Somatosensory evoked potentials as a measure of experimental cerebral ischemia. Meyer KL, et al. **J Neurosurg** 1985 Feb;62(2):269–75

Relationship between hemispheric cerebral blood flow, central conduction time, and clinical grade in aneurysmal subarachnoid hemorrhage. Rosenstein J, et al. **J Neurosurg** 1985 Jan;62(1):25–30

Continuous somatosensory evoked potential monitoring in the NICU. Sherburne E. **J Neurosurg Nurs** 1985 Aug; 17(4):247–52

Indications and limits of somesthesic evoked potentials in spinal cord trauma. Iob I, et al. **J Neurosurg Sci** 1984 Jul-Dec;28(3-4):191-3

Somatosensory evoked potentials as an adjunct to diagnosis of neonatal spinal cord injury. Bell HJ, et al. **J Pediatr** 1985 Feb;106(2):298-301

Somatosensory evoked potentials and cerebral metabolism during cardiopulmonary bypass with special reference to hypotension induced by prostacyclin infusion. Arén C, et al. **J Thorac Cardiovasc Surg** 1985 Jul;90(1):73-9

Stationarity of the somatosensory evoked potential. Myklebust JB, et al. **Med Biol Eng Comput** 1984 Nov;22(6):558-63

Diagnostic value of automatically averaged evoked cerebral potentials for lesions of somatosensory pathways. Psatta DM, et al. **Neurol Psychiatr (Bucur)** 1985 Apr-Jun;23(2):65-84

Electrophysiologic evaluation of lumbosacral radiculopathies: electromyography, late responses, and somatosensory evoked potentials. Aminoff MJ, et al. **Neurology** 1985 Oct;35(10):1514-8

Vibration and muscle contraction affect somatosensory evoked potentials. Cohen LG, et al. **Neurology** 1985 May;35(5):691-8

Clinical correlations of serial somatosensory evoked potentials in multiple sclerosis. Davis SL, et al. **Neurology** 1985 Mar;35(3):359-65

Noninvasive measurement of central sensory and motor conduction. Eisen A, et al. **Neurology** 1985 Apr;35(4):503-9

Prediction of chronic vegetative state in children using evoked potentials. Frank LM, et al. **Neurology** 1985 Jun;35(6):931-4

Cortical excitability after myoclonus: jerk-locked somatosensory evoked potentials. Shibasaki H, et al. **Neurology** 1985 Jan;35(1):36-41

SEP correlation with somatosensory perception [letter] Stowell H. **Neurology** 1985 Jan;35(1):139

A thalamic component of the cervical evoked potential in man. Shaw NA. **Neurosci Lett** 1985 Jun 24;57(3):221-5

Evoked responses and the laser [letter] Burke LP, et al. **Neurosurgery** 1984 Oct;15(4):608-9

Evoked potentials as an aid to lesion making in the dorsal root entry zone. Campbell JA, et al. **Neurosurgery** 1984 Dec;15(6):951-2

Somatosensory evoked potentials in experimental brain ischemia. Branston NM, et al. **Prog Brain Res** 1984;62:185-99

Cortical and thalamic somatosensory evoked potentials in brain ischemia in the monkey. Lopes da Silva FH, et al. **Prog Brain Res** 1984;62:201-15

Quantitative EEG and evoked potentials after experimental brain ischemia in the rat; correlation with cerebral metabolism and blood flow. Rosén I, et al. **Prog Brain Res** 1984;62:175-83

Tonic pain inhibits phasic pain: evoked cerebral potential correlates in man. Chen AC, et al. **Psychiatry Res** 1985 Apr;14(4):343-51

Time to loss of brain responsiveness following exsanguination in calves. Gregory NG, et al. **Res Vet Sci** 1984 Sep;37(2):141-3

Clinical application of evoked potentials. Pillay N. **S Afr Med J** 1984 Oct 27;66(17):652-5

Electrical sources in human somatosensory cortex: identification by combined magnetic and potential recordings. Wood CC, et al. **Science** 1985 Mar 1;227(4690):1051-3

Experimental study on changes of the spinal-evoked potential and circulatory dynamics following spinal cord compression and decompression. Aki T, et al. **Spine** 1984 Nov-Dec;9(8):800-9

Clinical evaluation of spinal cord monitoring in scoliosis surgery. Bradshaw K, et al. **Spine** 1984 Sep;9(6):636-43

Identification of spinal cord pathways responsible for the peroneal-evoked response in the dog. Gaines R, et al. **Spine** 1984 Nov-Dec;9(8):810-4

Somatosensory evoked potentials in hysterical paraplegia. Kaplan BJ, et al. **Surg Neurol** 1985 May;23(5):502-6

Influences of age and body height on central somatosensory conduction time in normal subjects. Chang YC. **Taiwan I Hsueh Hui Tsa Chih** 1984 Sep;83(9):912-21

[Visual, auditory and somatosensory pathway involvement in Charcot-Marie-Tooth disease] Tang XF, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct;6(5):357-62 (Eng. Abstr.) **(Chi)**

[Somatosensory evoked potentials in patients with stenoses of the cerebral arteries] Stejskal L, et al. **Cesk Neurol Neurochir** 1985 Jan;48(1):13-25 (Eng. Abstr.) **(Cze)**

[Introduction to cerebral and spinal evoked potentials of genitourinary origin] Opsomer RJ, et al. **Acta Urol Belg** 1985;53(1):89-95 (Eng. Abstr.) **(Fre)**

[Modulation of cutaneous evoked potentials during the period preparatory to a reaction time task in the cat] Maitte M, et al. **Physiol Behav** 1985 May;34(5):665-9 (Eng. Abstr.) **(Fre)**

[Significance of early auditory and somatesthetic evoked potentials in coma] Despland PA, et al. **Rev Med Suisse Romande** 1985 Apr;105(4):323-9 **(Fre)**

[Diagnostic approach to multiple sclerosis by evoked potentials (visual, somesthetic and early auditory potentials). Study concerning 113 patients] Bourhours PH, et al. **Rev Otoneuroophtalmol** 1984 May-Jun;56(3):263-72 (Eng. Abstr.) **(Fre)**

[Objective gustometry with adequate stimulation by registration of contingent negative variation] Gerull G, et al. **EEG EMG** 1984 Sep;15(3):121-6 (Eng. Abstr.) **(Ger)**

[Effect of hemodialysis on somatosensory evoked potentials in uremia patients] Niemann G, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(3):184-8 (Eng. Abstr.) **(Ger)**

[Motor, sensory electroneurographic and electromyographic results as well as somatosensory evoked potentials in comparison to clinical findings following nerve suture] Tackmann W, et al. **Fortschr Neurol Psychiatr** 1985 Apr;53(4):123-33 (Eng. Abstr.) **(Ger)**

[Intraoperative function diagnosis in the care of brachial plexus injuries] Stober R. **Handchir Mikrochir Plast Chir** 1985 Jan;17(1):31-4 (Eng. Abstr.) **(Ger)**

[Comparative study of somatosensory evoked potentials, whole body computer tomography and myelography in spinal space-occupying lesions] Jörg J, et al. **Orthopade** 1985 Apr;14(2):88-92 (Eng. Abstr.) **(Ger)**

[Intraoperative detection of irreversible brain ischemia with somatosensory evoked potentials] De Vleeschauwer P, et al. **Vasa** 1985;14(2):125-30 (Eng. Abstr.) **(Ger)**

[Study of somatosensory evoked potentials in full-term and premature neonates] Pallotta P, et al. **Pediatr Med Chir** 1984 Mar-Apr;6(2):269-72 (Eng. Abstr.) **(Ita)**

[Dipole localization of somato-sensory evoked potentials in the brain] Kosugi Y, et al. **Iyodenshi To Seitai Kogaku** 1985 Feb;23(1):35-41 (Eng. Abstr.) **(Jpn)**

[Prevention of spinal cord injuries during operations on aneurysms of the descending thoracic aorta: usefullness and problems of somatosensory evoked potentials] Oka Y, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Oct;32(10):1818-27 (Eng. Abstr.) **(Jpn)**

[Age-related changes in nervous system] Nakamura S, et al. **Nippon Ronen Igakkai Zasshi** 1984 May;21(3):209-13 (Eng. Abstr.) **(Jpn)**

[Representation of functional surfaces in the somatosensory cortex] Iwamura Y. **Nippon Seirigaku Zasshi** 1985;47(2):55-64 (25 ref.) **(Jpn)**

[Correlation of subjective assessments with somatosensory evoked potentials to electrical stimulation of the finger in man] Murayama N. **Nippon Seirigaku Zasshi** 1985;47(4):171-81 (Eng. Abstr.) **(Jpn)**

[Somatosensory evoked potentials and pain discrimination in man] Murayama N. **Nippon Seirigaku Zasshi** 1985;47(4):182-9 (Eng. Abstr.) **(Jpn)**

[Short latency somatosensory evoked potentials to peroneal nerve stimulation in juvenile diabetes mellitus] Hashimoto T, et al. **No To Hattatsu** 1985 Jul;17(4):314-7 (Eng. Abstr.) **(Jpn)**

[Clinical application of peripheral, spinal and central conduction velocities following stimulation of the posterior tibial nerve] Miyao M. **No To Hattatsu** 1985 Jul;17(4):341-7 (Eng. Abstr.) **(Jpn)**

[Short latency somatosensory evoked potentials in children with congenital central nervous system disorders] Tayama M, et al. **No To Hattatsu** 1985 Jan;17(1):17-22 (Eng. Abstr.) **(Jpn)**

[Origin of component N16 in short latency somatosensory evoked potentials (SSEP) to median nerve stimulation--correlation between component N16 and thalamus] Urasaki E, et al. **No To Shinkei** 1985 Apr;37(4):393-402 (Eng. Abstr.) **(Jpn)**

[Origin of components P 11 and P 13 in short latency somato-sensory evoked potentials (SSEP): correlative study of SSEP and intraoperative evoked potentials] Urasaki E, et al. **No To Shinkei** 1984 Jul;36(7):681-8 (Eng. Abstr.) **(Jpn)**

[Effect of cryosurgery of the thalamic nuclei on somatosensory evoked potentials] Mempel E, et al. **Neurol Neurochir Pol** 1984 Sep-Oct;18(5):453-8 (Eng. Abstr.) **(Pol)**

[Thalamic somatosensory potentials after peripheral stimulation and cortical somatosensory potentials after electric stimulation of thalamic nuclei VOa and VOp (preliminary report)] Mempel E, et al. **Neurol Neurochir Pol** 1984 Sep-Oct;18(5):445-51 (Eng. Abstr.) **(Pol)**

[Changes in cortical evoked potentials during interaction of nociceptive and non-nociceptive (tactile) stimulation in rabbits] Zlatin RS, et al. **Fiziol Zh** 1985 Mar-Apr;31(2):213-5 **(Rus)**

[Variability of cortical evoked potentials in response to tooth pulp stimulation in the freely moving rat] Rehnig HP, et al. **Neirofiziologiia** 1985;17(1):27-35 (Eng. Abstr.) **(Rus)**

[Somatosensory evoked potentials in the diagnosis of lesions of the nervous system (review)] Zenkov LR. **Zh Nevropatol Psikhiatr** 1984;84(12):1860-8 (132 ref.) **(Rus)**

[Short-latency somatosensory evoked potentials in injuries of the cervical division of the spinal cord] Livshits AV, et al. **Zh Vopr Neirokhir** 1985 Jul-Aug;(3):44-9 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Effect of antiepileptic drugs on short-latency somatosensory evoked potentials. Borah NC, et al. **Acta Neurol Scand** 1985 Apr;71(4):331-3

The effect of indomethacin on the local cerebral blood flow increase induced by somato-sensory stimulation. Dahlgren N, et al. **Acta Physiol Scand** 1984 Nov;122(3):269-74

The effect of high dose sodium thiopental on brain stem auditory and median nerve somatosensory evoked responses in humans. Drummond JC, et al. **Anesthesiology** 1985 Sep;63(3):249-54

Effects of enflurane, isoflurane, and nitrous oxide on somatosensory evoked potentials during fentanyl anesthesia. McPherson RW, et al. **Anesthesiology** 1985 May;62(5):626-33

Effect of halothane on spinal somatosensory evoked potentials in sheep. Baines DB, et al. **Br J Anaesth** 1985 Sep;57(9):896-9

Effect of nitrous oxide on visual, auditory and somatosensory evoked potentials. Sebel PS, et al. **Br J Anaesth** 1984 Dec;56(12):1403-7

Depression of cortical somatosensory evoked potentials by nitrous oxide. Sloan TB, et al. **Br J Anaesth** 1985 Sep;57(9):849-52

Effects of naloxone and repeated stimulus presentation on cortical somatosensory evoked potential (SEP) amplitude in the rat. Dowman R, et al. **Exp Neurol** 1985 Jul;89(1):9-23

The use of sensory evoked potentials in toxicology. Dyer RS. **Fundam Appl Toxicol** 1985 Feb;5(1):24-40 (87 ref.)

The effects of halothane on somatosensory and flash visual evoked potentials during operations. Wang AD, et al. **Neurol Res** 1985 Jun;7(2):58-62

Muscarinic depression of evoked surface-negative field potentials recorded from guinea-pig olfactory cortex in vitro. Williams SH, et al. **Neurosci Lett** 1985 May 23;56(3):301-6

Cortical and thalamic effects of local application of pentazocine to the rat somatosensory cortex. Soto-Moyano R, et al. **Pharmacol Res Commun** 1984 Feb;16(2):199-205

[The effects of enflurane on somatosensory evoked responses simultaneously recorded from brain, spinal cord and peripheral nerve in man] Fujioka H, et al. **Masui** 1984 Jul;33(7):698-702 (Eng. Abstr.) **(Jpn)**

[Trigeminal sensory evoked potential in retrogasserian glycerol injection for trigeminal neuralgia] Igarashi S, et al. **No Shinkei Geka** 1984 Nov;12(12):1349-56 (Eng. Abstr.) **(Jpn)**

[An experimental study on neurotoxicity of 2,5-hexanedione. Visual and somatosensory cortical evoked potentials in rats] Hirata M. **Sangyo Igaku** 1984 Jul;26(4):283-8 (Eng. Abstr.) **(Jpn)**

[Effect of morphine on the change in the nociceptive and non-nociceptive evoked potentials in the orbitofrontal and secondary somatosensory areas of the cerebral cortex in different functional states] Kukushkin ML, et al. **Farmakol Toksikol** 1984 Nov-Dec;47(6):25-8 (Eng. Abstr.) **(Rus)**

EVOKED POTENTIALS, VISUAL

Flash evoked cortical and subcortical potentials in neuro-ophthalmology. Harding GF. **Acta Neurol Belg** 1985 May-Jul;85(3):150-65

Brainstem acoustic evoked potentials in a case of dyssynergia cerebellaris myoclonica. Folis E, et al. **Acta Neurol (Napoli)** 1985 Apr;7(2):81-4

Comparative study of visual evoked potentials in spinocerebellar ataxias and multiple sclerosis. Ghezzi A, et al. **Acta Neurol Scand** 1985 Mar;71(3):252-6

Critical flicker frequencies in MS patients with normal or abnormal pattern VEP. Salmi T. **Acta Neurol Scand** 1985 May;71(5):354-8

Binocular interaction in the VEP to grating stimulation. I. Orientational effects. Jakobsson P. **Acta Ophthalmol (Copenh)** 1985 Apr;63(2):183-91

Binocular interaction in the VEP to grating stimulation. II. Spatial frequency effects. Jakobsson P, et al. **Acta Ophthalmol (Copenh)** 1985 Jun;63(3):290-6

Visual evoked response and alcohol intoxication. Jensen OL, et al. **Acta Ophthalmol (Copenh)** 1984 Aug;62(4):651-7

Visually evoked potential (VEP) acuity: testability in a clinical pediatric population. Odom JV, et al. **Acta Ophthalmol (Copenh)** 1984 Dec;62(6):993-8

Neurological evidence for dissociation of pursuit and optokinetic systems. Barratt H, et al. **Acta Otolaryngol (Stockh)** 1985 Jul-Aug;100(1-2):89-97

Functional development of the visual system in normal and protein deprived rats. I. Persistent changes in light-induced cortical evoked response. Sjöström A, et al. **Acta Physiol Scand** 1984 Apr;120(4):585-94

Theoretical reliability of visual evoked response-based acuity determinations. Fagan JE Jr, et al. **Am J Optom Physiol Opt** 1985 Feb;62(2):95-9

Steady-state visual evoked response amplitudes and concurrent electroencephalographic activity. Fagan JE Jr, et al. **Am J Optom Physiol Opt** 1985 Jun;62(6):418-22

Effect of contrast on fusional visual evoked potential (VEP): a model and experimental results. Katsumi O, et al. **Am J Optom Physiol Opt** 1985 Apr;62(4):233-9

Stimulus contaminants in visual electrophysiology. Lovasik JV, et al. **Am J Optom Physiol Opt** 1985 May;62(5):334-43

Short-term effects of induced aniseikonia on the binocular pattern VER. Lovasik JV, et al. **Am J Optom Physiol Opt** 1984 Aug;61(8):513-6

Flicker electroretinograms and visual evoked potentials in the evaluation of laser flash effects. Schmeisser ET. **Am J Optom Physiol Opt** 1985 Jan;62(1):35-9

Evoked potential testing in relatives of multiple sclerosis patients. Nuwer MR, et al. **Ann Neurol** 1985 Jul;18(1):30–4

Pattern–shift visual, brainstem auditory and short–latency somatosensory evoked potentials in multiple sclerosis. Chiappa KH. **Ann NY Acad Sci** 1984;436:315–27 (44 ref.)

Visual evoked potentials in the diagnosis of multiple sclerosis. Hamburger HA, et al. **Ann Ophthalmol** 1984 Aug; 16(8):752–5

Role of electrophysiologic testing in the preoperative evaluation of corneal transplant patients. Wendel RT, et al. **Ann Ophthalmol** 1984 Aug;16(8):788–93

Improvement in auditory and visual evoked potentials in jaundiced preterm infants after exchange transfusion. Chin KC, et al. **Arch Dis Child** 1985 Aug;60(8):714–7

Dissociated foveal and parafoveal visual evoked responses in subacute combined degeneration. Hennerici M. **Arch Neurol** 1985 Feb;42(2):130–2

Visual evoked response abnormality in myoclonus epilepsy with large pupils. Occurrence in a family with acorpuscular myoclonus epilepsy. Hess CW, et al. **Arch Neurol** 1985 Apr; 42(4):359–61

Cognitive evoked potentials (P300) in early Huntington's disease. Rosenberg C, et al. **Arch Neurol** 1985 Oct; 42(10):984–7

Visual evoked potentials in pseudotumor cerebri. Sørensen PS, et al. **Arch Neurol** 1985 Feb;42(2):150–3

Diagnosing functional visual deficits with the P300 component of the visual evoked potential. Towle VL, et al. **Arch Ophthalmol** 1985 Jan;103(1):47–50

Changes in the cortical components of the visual evoked potential with age in man. Shaw NA. **Aust J Exp Biol Med Sci** 1984 Dec;62 (Pt 6):771–8

Macular electroretinograms: their accuracy, specificity and implementation for clinical use. Vaegan, et al. **Aust J Ophthalmol** 1984 Nov;12(4):359–72

Management of extra–sellar pituitary tumours with bromocriptine: comparison of prolactin secreting and non–functioning tumours using half–field visual evoked potentials and computerised tomography. Pullan PT, et al. **Aust NZ J Med** 1985 Apr;15(2):203–8

Stereoscopic cerebral evoked potentials of Air Force pilots and civilian comparison groups. Fenelon B, et al. **Aviat Space Environ Med** 1984 Oct;55(10):914–20

The relationship between flash evoked potentials and evoked amplitude modulation patterns of an applied UHF electromagnetic field in the rat. Kelley JT, et al. **Bioelectromagnetics** 1984;5(4):365–75

Intermodulation components of the visual evoked potential: responses to lateral and superimposed stimuli. Zemon V, et al. **Biol Cybern** 1984;50(6):401–8

Saccade–related brain potentials in semantic categorization tasks. Marton M, et al. **Biol Psychol** 1985 May;20(3):163–84

Pattern–reversal electroretinograms and visual evoked cortical potentials in multiple sclerosis. Persson HE, et al. **Br J Ophthalmol** 1984 Oct;68(10):760–4

Schizophrenia and spectral analysis of the visual evoked potential. Jutai JW, et al. **Br J Psychiatry** 1984 Nov; 145:496–501

Visual evoked potential and contrast sensitivity function in diabetic retinopathy. Collier A, et al. **Br Med J [Clin Res]** 1985 Jul 27;291(6490):248

A neural pathway for the shift response in the cat. Hamasaki DI, et al. **Brain Res** 1985 Jun 24;337(1):51–8

Steady–state visual evoked responses in anesthetized monkeys. Klemm WR, et al. **Brain Res Bull** 1984 Aug; 13(2):287–91

Visual evoked potentials and brainstem auditory evoked potentials in migraine and transient ischemic attacks. Benna P, et al. **Cephalalgia** 1985 May;5 Suppl 2:53–8

Electroretinographic intensity–response function in retinal disease. Wu LZ, et al. **Chin Med J [Engl]** 1985 Apr; 98(4):250–6

Evoked visual potentials (editorial). Celesia GC. **Cleve Clin Q** 1985 Summer;52(2):221–1

Visual potentials evoked by light–emitting diodes mounted in goggles. Lesser RP, et al. **Cleve Clin Q** 1985 Summer; 52(2):223–8

Evoked potentials in non–convulsive status epilepticus. Co S, et al. **Clin Electroencephalogr** 1985 Jan;16(1):33–8

'Normal' and 'abnormal' crossed asymmetry in monocular visual evoked potentials. Verma NP, et al. **Clin Electroencephalogr** 1985 Apr;16(2):77–82

Electrophysiologic assessment of auditory and visual function in the newborn. Kurtzberg D, et al. **Clin Perinatol** 1985 Feb;12(1):277–99

Multivariate time series discrimination in the spectral domain. Rawlings RR, et al. **Comput Biomed Res** 1984 Aug; 17(4):352–61

Automatic classification of visual evoked responses. Gath I, et al. **Comput Methods Programs Biomed** 1985 May; 20(1):17–22

Evoked potentials in uremia. Albertazzi A, et al. **Contrib Nephrol** 1985;45:60–8

Blocking mechanisms of impulse propagation along CNS fibres studied by means of evoked cortical responses. Gambi D. **Contrib Nephrol** 1985;45:97–100

Power spectral analysis of visual evoked potentials in multiple sclerosis. Trick GL, et al. **Curr Eye Res** 1984 Oct; 3(10):1179–86

Auditory and visual evoked potentials of schoolboys with spelling disabilities. Byring R, et al. **Dev Med Child Neurol** 1985 Apr;27(2):141–8

Maturation of the visual evoked response and its correlation with visual acuity in preterm infants. Placzek M, et al. **Dev Med Child Neurol** 1985 Aug;27(4):448–54

Uhthoff's phenomenon in the low–frequency flash–evoked cortical potential. Berdjis H, et al. **Dev Ophthalmol** 1984; 9:188–94

Application of electrodiagnostic methods in ophthalmology. Kolder HE. **Dev Ophthalmol** 1984;9:29–39

Bangerter occlusives versus spherical convex lenses in the evaluation of visual acuity by visually evoked cortical potentials. Mitsuyu M, et al. **Dev Ophthalmol** 1984;9:115–22

Objective determination of visual acuity by visual evoked potentials. Optimized procedure and clinical value. Petersen J. **Dev Ophthalmol** 1984;9:108–14

Variable effects of pathologic scotomata on wave form of pattern–reversal visual evoked response. Blumhardt LD. **Doc Ophthalmol** 1985 Feb;59(2):107–19

Occipital distribution of foveal half–field responses. Brecelj J, et al. **Doc Ophthalmol** 1985 Feb;59(2):157–65

Contrast sensitivity differences between strabismic and anisometropic amblyopia: objective correlate by means of visual evoked responses. Campos EC, et al. **Doc Ophthalmol** 1984 Aug 15;58(1):45–50

Binocular visual perception in strabismics studied by means of visual evoked responses. Chiesi C, et al. **Doc Ophthalmol** 1984 Aug 15;58(1):51–6

Flash and pattern presentation and pattern–reversal evoked potentials in multiple sclerosis. Czopf J. **Doc Ophthalmol** 1985 Feb;59(2):129–41

Correlation functions in the analysis of visual evoked potentials. Grall Y, et al. **Doc Ophthalmol** 1985 Feb; 59(2):149–55

Pattern visual evoked potential in patients with posteriorly situated space–occupying lesions. Holder GE. **Doc Ophthalmol** 1985 Feb;59(2):121–8

Horizontal scalp distribution of steady–state pattern visual evoked cortical potentials in response to quadrant field stimulation. Kakisu Y. **Doc Ophthalmol** 1985 Feb; 59(2):167–73

Surplus reaction of checkerboard–VEP's. Müller W. **Doc Ophthalmol** 1985 Jun 30;59(4):353–8

Evoked potential latencies as a function of contrast: a system analytical approach. Pijn JP, et al. **Doc Ophthalmol** 1985 Feb;59(2):175–85

Visual evoked potentials to various check patterns. Röver J, et al. **Doc Ophthalmol** 1985 Feb;59(2):143–7

Neuropathies of the optic nerve and visual evoked potentials with special reference to color vision and differential light threshold measured with the computer perimeter OCTOPUS. Wildberger H. **Doc Ophthalmol** 1984 Oct 31; 58(2):147–227

The influence of age on the electroretinogram and visual evoked potential. Wright CE, et al. **Doc Ophthalmol** 1985 Jun 30;59(4):365–84

Photic driving in the early premature infant. Anderson CM, et al. **Electroencephalogr Clin Neurophysiol** 1984 Oct; 58(4):302–7

Lateralisation of the flash visually evoked cortical potential in albino babies. Boylan C, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jun;60(6):500–3

Visual evoked potentials in the great apes. Boysen ST, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar; 62(2):150–3

Source derivation of the visual evoked response to pattern reversal stim[illegible]n. Clement RA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;62(1):74–6

The effect of age, sex and interstimulus interval on augmenting and reducing of occipital VEPs. Cohn NB, et al. **Electroencephalogr Clin Neurophysiol** 1935 May; 62(3):177–83

Differential visual evoked cortical responses to direct and peripheral stimulation in man. Cohn R, et al. **Electroencephalogr Clin Neurophysiol** 1985 Aug; 61(2):157–60

Visual field perimetry analysis using evoked potentials in normal and corpus callosum sectioned cats. Elberger AJ, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar; 60(3):249–57

Remote effects of cerebrovascular accidents: visual evoked potentials and electrophysiological coupling. Gummow LJ, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov; 58(5):408–17

Evoked potentials in patients with Huntington's disease and their offspring. II. Visual evoked potentials. Hennerici M, et al. **Electroencephalogr Clin Neurophysiol** 1985 May; 62(3):167–76

Intracortical generators of the flash VEP in monkeys. Kraut MA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul; 62(4):300–12

The effects of aging on the P3 component of the visual event–related potential. Mullis RJ, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar;62(2):141–9

Visual evoked responses to light emitting diode (LED) photostimulation in newborn infants. Mushin J, et al. **Electroencephalogr Clin Neurophysiol** 1984 Oct; 58(4):317–20

A rapid evoked potential index of cortical adaptation. Nelson JI, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov; 59(6):454–64

Clinical relevance of long–latency SEPs and VEPs during coma and emergence from coma. Pfurtscheller G, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar;62(2):88–98

Responses to paired onset stimuli: implications for the delayed evoked potentials in multiple sclerosis. Riemslag FC, et al. **Electroencephalogr Clin Neurophysiol** 1985 May; 62(3):155–66

Further investigation of visual evoked potentials elicited by lateralized stimuli: effects of stimulus eccentricity and reference site. Rugg MD, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar;62(2):81–7

Non–linearity of visual evoked potentials in cerveau isolé and midpontine pretrigeminal cats. Shibagaki M, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;62(1):65–73

Scalp potential fields evoked by grating stimuli: effects of spatial frequency and orientation. Skrandies W. **Electroencephalogr Clin Neurophysiol** 1984 Oct; 58(4):325–32

Hemispheric differences in evoked potentials to pictures of faces in the left and right visual fields. Sobótka S, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov; 59(6):441–53

Cerebral potentials accompanying visually triggered finger movement in man. Thickbroom GW, et al. **Electroencephalogr Clin Neurophysiol** 1985 May; 62(3):209–18

Cerebral events preceding self–paced and visually triggered saccades. A study of presaccadic potentials. Thickbroom GW, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul; 62(4):277–89

Spatio–temporal mapping of evoked cerebral activity. Thickbroom GW, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov; 59(6):425–31

Visual evoked potentials (VEPs) in senile dementia (Alzheimer type) and in non–organic behavioural disorders in the elderly; comparison with EEG parameters. Visser SL, et al. **Electroencephalogr Clin Neurophysiol** 1985 Feb; 60(2):115–21

Enhancement of visual responses of area 7 neurons by electrical pre–conditioning stimulation of LP–pulvinar nuclei of the monkey. Blum B. **Exp Brain Res** 1985; 59(3):434–40

The effect of stimulus intensity on visual evoked potential estimates of interhemispheric transmission time. Lines CR, et al. **Exp Brain Res** 1984;57(1):89–98

The hemispheric distribution of the transient rat VEP: a comparison of flash and pattern stimulation. Onofrj M, et al. **Exp Brain Res** 1985;59(3):427–33

A simultaneous contrast effect of steady remote surrounds on responses of cells in macaque lateral geniculate nucleus. Valberg A, et al. **Exp Brain Res** 1985;58(3):604–8

Objective determination of dark adaptation: accuracy of the evoked potential method. Airas K, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(2):63–5

Alteration of oscillatory potentials in diabetics induced by photocoagulation of the retina. Hennekes R, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;221(5):230–3

Changes in spatial selectivity of pattern–ERG components with stimulus contrast. Korth M, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(1):23–8

Pattern electroretinogram and visually evoked cortical potentials in glaucoma. Papst N, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;222(1):29–33

Testing of concentric visual field constriction by means of scotopic visually evoked potentials. Petersen J, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(2):66–8

Dipole source derivation. Application to the half-field pattern evoked potential. Thickbroom GW, et al. **Int J Biomed Comput** 1985 Jan;16(1):17–28

Interactions between target and masking stimuli: perceptual and event–related potential effects. Andreassi JL. **Int J Psychophysiol** 1984 Feb;1(2):153–62

An investigation of hemispheric specialization and visual event related potentials in discriminations of line length. Andreassi JL, et al. **Int J Psychophysiol** 1984 Nov; 2(2):87–95

Neurophysiological correlates of visual stimulus recognition in man. Bechtereva NP, et al. **Int J Psychophysiol** 1984 Jun;1(4):317–24

Evoked potential correlates of figure and ground. Landis T, et al. **Int J Psychophysiol** 1984 Jun;1(4):345–8

Evoked potential augmenting and reducing: the methodological and theoretical significance of new electrophysiological observations. Robinson DL, et al. **Int J Psychophysiol** 1984 Aug;2(1):11–22

Electrophysiological testing in diabetic eye disease. Biersdorf WR. **Int Ophthalmol Clin** 1984 Winter;24(4):143–54

Brain death and bioelectrical brain activity. Pfurtscheller G, et al. **Intensive Care Med** 1985;11(3):149–53

Visual evoked potentials in macular disease. Bass SJ, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1071–4

Lateralization of the flash visual–evoked cortical potential in human albinos. Boylan C, et al. **Invest Ophthalmol Vis Sci** 1984 Dec;25(12):1448–50

Pattern ERGs and visual evoked potentials in maculopathies and optic nerve diseases. Celesia GG, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):726–35

Effect of stimulus orientation on the latency and amplitude of the VEP. Moskowitz A, et al. **Invest Ophthalmol Vis Sci** 1985 Feb;26(2):246–8

Comparison of pattern VEPs and preferential–looking behavior in 3–month–old infants. Sokol S, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):359–65

Hypnotic hallucination alters evoked potentials. Spiegel D, et al. **J Abnorm Psychol** 1985 Aug;94(3):249–55

Event-related brain potential correlates of the processing of novel visual and auditory information in autism. Courchesne E, et al. **J Autism Dev Disord** 1985 Mar; 15(1):55-76

Event-related potentials elicited by automatic targets: a dual-task analysis. Hoffman JE, et al. **J Exp Psychol [Hum Percept]** 1985 Feb;11(1):50-61

Effects of hypoxia on potassium homeostasis and pigment epithelial cells in the cat retina. Linsenmeier RA, et al. **J Gen Physiol** 1984 Dec;84(6):945-70

An instrument to monitor the luminance of pattern visual evoked potential stimuli. Collins AD. **J Med Eng Technol** 1985 May-Jun;9(3):123-4

Visual evoked potentials in ataxia telangiectasia. Sridharan R, et al. **J Neurol** 1985;232(3):172-4

Visual evoked potentials to lateralised stimuli in two cases of callosal agenesis. Rugg MD, et al. **J Neurol Neurosurg Psychiatry** 1985 Apr;48(4):367-73

Orientation sensitivity of the cat assessed from evoked potentials: central and peripheral contributions. Tootle JS, et al. **J Neurophysiol** 1985 May;53(5):1287-302

Pattern-reversal visual evoked potentials in patients with hydrocephalus. Alani SM. **J Neurosurg** 1985 Feb; 62(2):234-7

Cavitron ultrasonic surgical aspirator and visual evoked potential monitoring for chiasmal gliomas in children. Report of two cases. Albright AL, et al. **J Neurosurg** 1985 Jul;63(1):138-40

The clinical usefulness of the visual evoked response. Hoyt CS. **J Pediatr Ophthalmol Strabismus** 1984 Nov-Dec; 21(6):231-4

The clinical usefulness of the visual evoked response. Smith DN. **J Pediatr Ophthalmol Strabismus** 1984 Nov-Dec; 21(6):235-6

Factors influencing threshold of the fundamental electrical response to sinusoidal excitation of human photoreceptors. Abraham FA, et al. **J Physiol (Lond)** 1984 Dec;357:151-72

The luminance origin of the pattern electroretinogram in man. Riemslag FC, et al. **J Physiol (Lond)** 1985 Jun; 363:191-209

Localization of visually evoked cortical activity in humans. Srebro R. **J Physiol (Lond)** 1985 Mar;360:233-46

Synaptic mechanisms of directional selectivity in ganglion cells of frog retina as revealed by intracellular recordings. Watanabe S, et al. **Jpn J Physiol** 1984;34(3):497-511

Visual fatigue and visually evoked potentials in multiple sclerosis [editorial] **Lancet** 1984 Sep 29;2(8405):731-2

Visual evoked potentials in hepatic encephalopathy [letter] Casellas F, et al. **Lancet** 1985 Feb 16;1(8425):394-5

Optic neuritis in a patient on ethambutol and isoniazid evaluated by visual evoked potentials: case report. Garrett CR. **Milit Med** 1985 Jan;150(1):43-6

The application of flash visual evoked potentials during operations on the anterior visual pathways. Costa e Silva I, et al. **Neurol Res** 1985 Mar;7(1):11-6

Pattern evoked potentials (PEPs) in Parkinson's disease. Dinner DS, et al. **Neurology** 1985 Apr;35(4):610-3

Task-dependent hemisphere asymmetries of the visual evoked potential. Goodin DS, et al. **Neurology** 1985 Mar; 35(3):378-84

Simultaneous recording of pattern electroretinogram and visual evoked responses in neuro-ophthalmologic disorders. Kaufman D, et al. **Neurology** 1985 May; 35(5):644-51

Visual evoked potentials by different check sizes in patients with multiple sclerosis. Oishi M, et al. **Neurology** 1985 Oct; 35(10):1461-5

Variability of evoked-potential response to regularly repeated stimulation with checkerboard pattern-reversal and flashlight in healthy volunteers. Görtelmeyer R, et al. **Neuropsychobiology** 1984;12(2-3):196-200

Evaluation of single epoch evoked potentials. Heinze HJ, et al. **Neuropsychobiology** 1984;12(1):68-72

Event-related potentials and the phonological processing of words and non-words. Rugg MD. **Neuropsychologia** 1984; 22(4):435-43

Interhemispheric functional relations in patients with chronic alcoholism. Arzumanov YuL, et al. **Neurosci Behav Physiol** 1985 Mar-Apr;15(2):157-60

Dynamics of evoked potentials in the course of progressive schizophrenia. Kirpichenko AA, et al. **Neurosci Behav Physiol** 1984 Nov-Dec;14(6):489-92

Disturbance of functional relations between specific and nonspecific brain systems after mild craniocerebral trauma. Sumskii LI, et al. **Neurosci Behav Physiol** 1984 Nov-Dec; 14(6):476-80

Binocular disparity in visual evoked responses. Clinical evidence in normal and stereoblind subjects. Nuzzi G, et al. **Ophthalmic Res** 1985;17(4):241-5

Flash visual evoked potential as a prognostic factor for vitreous operations in diabetic eyes. Scherfig E, et al. **Ophthalmology** 1984 Dec;91(12):1475-9

Evoked potentials by letters in printed and script forms. Mecacci L, et al. **Percept Mot Skills** 1984 Aug;59(1):227-32

Visual evoked potentials and nociceptive thresholds in high and low self-stimulators. Levin D, et al. **Physiol Behav** 1984 May;32(5):887-9

Visual evoked responses to pattern-reversal: the signal-to-noise ratio. Peregrin J, et al. **Physiol Bohemoslov** 1984;33(4):353-61

Spectral analysis of the visual evoked potential (VEP): effects of stimulus luminance. Jutai JW, et al. **Psychophysiology** 1984 Nov;21(6):665-72

Comparison of event-related potentials of young children and adults in a visual recognition and word reading task. Kok A, et al. **Psychophysiology** 1985 Jan;22(1):11-23

Standards for the assessment of visual evoked potentials in an ethnically heterogeneous adult population. de Graaf AS, et al. **S Afr Med J** 1985 Feb 16;67(7):243-5

Clinical application of evoked potentials. Pillay N. **S Afr Med J** 1984 Oct 27;66(17):652-5

Electrophysiologic testing and its specific application in unsedated children. France TD. **Trans Am Ophthalmol Soc** 1984;82:383-446 (82 ref.)

Visually evoked responses during slaughter [letter] Daly CC. **Vet Rec** 1985 May 25;116(21):574-5

Visually evoked responses during slaughter [letter] Grandin T. **Vet Rec** 1985 Apr 13;116(15):423

Electrophysiological characterization of the spectral sensitivities of horizontal cells in cyprinid fish retina. Djamgoz MB. **Vision Res** 1984;24(11):1677-87

[Visual, auditory and somatosensory pathway involvement in Charcot-Marie-Tooth disease] Tang XF, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct; 6(5):357-62 (Eng. Abstr.) **(Chi)**

[Relation of visual evoked potentials to the clinical state in patients with chronic renal insufficiency] Kuba M, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(3):217-23 (Eng. Abstr.) **(Cze)**

[Visual evoked potentials in patients with chronic renal insufficiency] Kuba M, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1982;25(5):437-50 (Eng. Abstr.) **(Cze)**

[Maximizing the signal:noise ratio in averaging evoked brain potentials] Peregrin J, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(3):267-75 (Eng. Abstr.) **(Cze)**

[Estimation of the signal/noise ratio in individually evoked responses in man] Vít F, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(5):555-66 (Eng. Abstr.) **(Cze)**

[Visual evoked potentials] Grall Y, et al. **Bull Soc Ophtalmol Fr** 1984 Nov;Spec No:99-111 **(Fre)**

[Visual evoked potentials and homonymous lateral hemianopsia] Malbrel C. **Bull Soc Ophtalmol Fr** 1984 Jun-Jul;84(6-7):841-2 **(Fre)**

[Value of visual potentials evoked by pattern reversal and color stimulation] Poletti J, et al. **Bull Soc Ophtalmol Fr** 1984 Jun-Jul;84(6-7):785-6 (Eng. Abstr.) **(Fre)**

[Axonal electrovisiogram in optic nerve pathology] Sole P, et al. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1169-78 **(Fre)**

[Methods of stimulating and analyzing visual evoked potentials] Grall Y, et al. **Physiologie** 1985 Jan-Mar; 22(1):39-53 **(Fre)**

[Contribution of visual evoked potentials (VEP) to neurology] Courjon J. **Rev Electroencephalogr Neurophysiol Clin** 1984 Nov; 14(2):103-8 (Eng. Abstr.) **(Fre)**

[Visual evoked potentials in 8-year-old children. Normal values and applications in pediatric neurology] Rieger H, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Nov; 14(2):109-14 (Eng. Abstr.) **(Fre)**

[Contribution to the study of event-related potentials in depressed patients] Siles S, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Nov; 14(2):149-52 (Eng. Abstr.) **(Fre)**

[Diagnostic approach to multiple sclerosis by evoked potentials (visual, somesthetic and early auditory potentials). Study concerning 113 patients] Bourhours PH, et al. **Rev Otoneuroophtalmol** 1984 May-Jun;56(3):263-72 (Eng. Abstr.) **(Fre)**

[The effect of various ventilation conditions on evoked potentials of the visual cortex of the cat in distention of the stomach] Fichtner D, et al. **Biomed Biochim Acta** 1985; 44(4):585-93 (Eng. Abstr.) **(Ger)**

[Motivation and biological significance of photically evoked potentials of the visual cortex of rats] Wilke A, et al. **Biomed Biochim Acta** 1984;43(4):463-71 (Eng. Abstr.) **(Ger)**

[Cortical evoked potentials with a microcomputer as a stimulation and analysis instrument] Johnson D, et al. **Biomed Tech (Berlin)** 1984 Sep;29(9):215-7 (Eng. Abstr.) **(Ger)**

[Prognostic value of ERG, ultrasound and VEP in vitreous body hemorrhage] Bach M, et al. **Fortschr Ophthalmol** 1984;81(3):274-6 (Eng. Abstr.) **(Ger)**

[Visually evoked potentials in Wilson's disease] Hamann KU, et al. **Fortschr Ophthalmol** 1985;82(2):194-6 (Eng. Abstr.) **(Ger)**

[Pattern ERG and pattern visually evoked cortical potentials in autosomal dominant infantile optic atrophy] Papst N, et al. **Fortschr Ophthalmol** 1985;82(3):300-1 (Eng. Abstr.) **(Ger)**

[Reliability of objective determination of VEP vision in diseases of the anterior eye segment, retina and optic nerve] Petersen J, et al. **Fortschr Ophthalmol** 1984;81(5):476-9 (Eng. Abstr.) **(Ger)**

[Binocular addition in VECP: a clinically useful method in the expanded diagnosis of binocular vision?] Teping C, et al. **Fortschr Ophthalmol** 1985;82(2):207-9 (Eng. Abstr.) **(Ger)**

[Detection of stereopsis by recording of visual evoked cortical potentials] Teping C, et al. **Fortschr Ophthalmol** 1984;81(5):480-2 (Eng. Abstr.) **(Ger)**

[Pattern ERG and VECP following optic neuritis in childhood] Berdjis H, et al. **Klin Monatsbl Augenheilkd** 1984 Jun;184(6):533-5 (Eng. Abstr.) **(Ger)**

[ERG and VECP in chronic progressive external ophthalmoplegia] Berdjis H, et al. **Klin Monatsbl Augenheilkd** 1984 Aug;185(2):113-8 (Eng. Abstr.) **(Ger)**

[Visual evoked cortical potentials following temporal arteritis] Flügel KA, et al. **Nervenarzt** 1985 Apr;56(4):210-3 **(Ger)**

[Value of visual evoked potentials and cerebrospinal fluid in the clinical diagnosis of multiple sclerosis. A comparative study in the context of anamesis, clinical aspects and computer tomography findings] Hoberg B. **Nervenarzt** 1985 Apr;56(4):188-93 **(Ger)**

[CT with high-dose contrast medium administration and delayed conduction and NMR tomography in the diagnosis of multiple sclerosis] Hornig CR, et al. **Nervenarzt** 1984 Aug;55(8):419-21 **(Ger)**

[Visual and acoustic evoked potentials in multiple sclerosis] Kofler B. **Wien Med Wochenschr** 1985 Jan 31;135(1-2):35-8 (Eng. Abstr.) **(Ger)**

[Use of visual evoked potentials in neurology--a review. II] Cammann R. **Zentralbl Neurochir** 1985;46(1):57-61 (Eng. Abstr.) **(Ger)**

[Use of visual evoked potentials in neurology--a review. I] Cammann R. **Zentralbl Neurochir** 1985;46(1):52-6 (Eng. Abstr.) **(Ger)**

[Studies of stereoptic VEPs with static random-dot stereograms--stimulus parameters] Hamada T, et al. **Nippon Ganka Gakkai Zasshi** 1985 Apr;89(4):582-8 (Eng. Abstr.) **(Jpn)**

[Studies on the short latency visual evoked potential. 2. Evaluation of the Fourier and dynamic topographical analysis] Kawashima S. **Nippon Ganka Gakkai Zasshi** 1984 May;88(5):909-16 (Eng. Abstr.) **(Jpn)**

[Studies of stereopsis by VEP--device of stimulator using static random dot stereogram] Oguchi Y, et al. **Nippon Ganka Gakkai Zasshi** 1985 Mar;89(3):470-5 (Eng. Abstr.) **(Jpn)**

[Biological method of calibrating the intensity of a monochromatic brief flash to evoke the early receptor potential] Sakai N, et al. **Nippon Ganka Gakkai Zasshi** 1984 Dec;88(12):1566-71 (Eng. Abstr.) **(Jpn)**

[VEP dynamic topography in children. A study on the development of the visual system] Tabuchi A. **Nippon Ganka Gakkai Zasshi** 1985 Jan;89(1):172-8 (Eng. Abstr.) **(Jpn)**

[Studies on peak latency and phase of pattern VEPs by inverse Fourier transform] Takagi M. **Nippon Ganka Gakkai Zasshi** 1985 Apr;89(4):589-99 (Eng. Abstr.) **(Jpn)**

[Dynamic topography of visual evoked potentials: a clinical application with basic study] Tsutsui J, et al. **Nippon Ganka Gakkai Zasshi** 1985 Jan;89(1):86-131 (Eng. Abstr.) **(Jpn)**

[An electrophysiological method for detecting diabetic retinopathy in rats] Sato S, et al. **Nippon Yakurigaku Zasshi** 1984 Dec;84(6):509-17 (Eng. Abstr.) **(Jpn)**

[Dynamics of visual evoked potentials in a situation of mobilized readiness in children of different ages] Gorev AS. **Fiziol Cheloveka** 1984 Jul-Aug;10(4):538-47 **(Rus)**

[Evoked potential dynamics of patients during therapeutic electrostimulation of damaged optic nerves] Lyskov EB. **Fiziol Cheloveka** 1984 Sep-Oct;10(5):747-52 **(Rus)**

[Visual evoked potentials in functional disorders of nonspecific brain systems] Sklovskaia ML, et al. **Fiziol Cheloveka** 1984 May-Jun;10(3):352-7 **(Rus)**

[Oscillating potentials of the retina and superior colliculi and correlations with neuronal activity] Panakhova EN. **Fiziol Zh SSSR** 1985 Jun;71(6):698-705 (Eng. Abstr.) **(Rus)**

[Visual evoked potentials among parkinsonism patients in the older age groups] Man'kovskiĭ NB, et al. **Zh Nevropatol Psikhiatr** 1984;84(12):1766-71 (Eng. Abstr.) **(Rus)**

[Visual evoked potentials in optochiasmal arachnoiditis] Parfenova ND, et al. **Zh Vopr Neirokhir** 1984 Sep-Oct; (5):45-50 (Eng. Abstr.) **(Rus)**

[Electrophysiologic analysis of interhemispheric differences in mechanisms of visual recognition] Beteleva TG, et al. **Zh Vyssh Nerv Deiat** 1984 Sep-Oct;34(5):841-7 (Eng. Abstr.) **(Rus)**

[Effect of verbal reinforcement on evoked cortical activity] Kostandov EA, et al. **Zh Vyssh Nerv Deiat** 1984 Sep-Oct; 34(5):833-40 (Eng. Abstr.) **(Rus)**

[Manifestations of the genotypic causality of human evoked potentials during perception of various visual stimuli] Mariutina TM, et al. **Zh Vyssh Nerv Deiat** 1984 Jul-Aug; 34(4):642-8 (Eng. Abstr.) **(Rus)**

[Effect of the spatial frequency of sinusoidal gratings on amplitude and temporal parameters of visual evoked potentials in man] Zislina NN, et al. **Zh Vyssh Nerv Deiat** 1984 Sep-Oct;34(5):848-54 (Eng. Abstr.) **(Rus)**

[Visual evoked potentials. IV. Reversibility of changes during focal cerebral ischemia induced by occlusion of the median cerebral artery in cats] Bartko D, et al. **Cesk Neurol Neurochir** 1985 Jul;48(4):251-60 (Eng. Abstr.)

(Slo)

[Visual evoked potentials. I. Normal distribution of the frequency and variability of data in microcomputer-assisted analysis] Bartko D, et al. **Cesk Neurol Neurochir** 1984 Sep; 47(5):302-11 (Eng. Abstr.) (Slo)

[Visual evoked potentials. II. Changes during focal cerebral ischemia in relation to the location of the lesion] Bartko D, et al. **Cesk Neurol Neurochir** 1984 Nov;47(6):388-98 (Eng. Abstr.) (Slo)

[Visual evoked potentials. III. Dynamics of changes during focal ischemia of the brain. Correlation with the degree of neurological deficit and blood circulation in the brain] Kondáš M, et al. **Cesk Neurol Neurochir** 1985 Jan; 48(1):26-36 (Eng. Abstr.) (Slo)

[Neurophysiologic study in patients with chronic renal failure (CRF). Electroencephalographic and anatomopathologic study in dogs receiving different doses of heparin] Jiménez F, et al. **Arch Neurobiol (Madr)** 1984 Jul-Aug;47(4):173-82 (Eng. Abstr.) (Spa)

[Visual evoked potentials in hepatic encephalopathy] Casellas F, et al. **Med Clin (Barc)** 1985 Jun 22;85(4):139-42 (Eng. Abstr.) (Spa)

DRUG EFFECTS

Cholinergic role in alcohol's effects on evoked potentials in visual cortex of the albino rat. Hetzler BE, et al. **Alcohol** 1984 Jul-Aug;1(4):305-13

Reversible alteration of the visual evoked potential in hypothyroidism. Ladenson PW, et al. **Am J Med** 1984 Dec; 77(6):1010-4

Effect of nitrous oxide on visual, auditory and somatosensory evoked potentials. Sebel PS, et al. **Br J Anaesth** 1984 Dec; 56(12):1403-7

Changes in flash but not pattern evoked cortical potentials after subchronic application of a monoamine oxidase (MAO) type A inhibitor in man. Berdjis H, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;62(1):77-80

Influence of L-DOPA/carbidopa on pattern reversal VEP: behavioural difference in primary and secondary parkinsonism. Sollazzo D. **Electroencephalogr Clin Neurophysiol** 1985 Oct; 61(4):236-42

Effects of nitrous oxide on the functional characteristics of cells in the extrastriate cortex of the cat. Reinis S, et al. **Exp Brain Res** 1985;59(3):463-9

Chlordimeform produces contrast-dependent changes in visual evoked potentials of hooded rats. Boyes WK, et al. **Exp Neurol** 1985 Aug;89(2):391-407

Chlordimeform produces profound, selective, and transient changes in visual evoked potentials of hooded rats. Boyes WK, et al. **Exp Neurol** 1984 Dec;86(3):434-47

Visual evoked potential recordings in hepatic encephalopathy and their variations during branched chain amino-acid treatment. Bombardieri G, et al. **Hepatogastroenterology** 1985 Feb;32(1):3-7

Assessment of neurotoxicity of clioquinol (Enterovioform) by visual evoked potentials. A preliminary communication. Bhasin DK, et al. **Indian J Gastroenterol** 1985 Jul;4(3):165-6

L-Leucine prevents ammonia-induced changes in glutamate receptors in the brain and in visual evoked potentials in the rabbit. Ferenci P, et al. **JPEN** 1984 Nov-Dec;8(6):700-4

The effects of halothane on somatosensory and flash visual evoked potentials during operations. Wang AD, et al. **Neurol Res** 1985 Jun;7(2):58-62

Evidence that 2-phenylpyrazolo[4,3-c]-quinolin-3(5H)-one antagonises pharmacological, electrophysiological and biochemical effects of diazepam in rats. Santi M, et al. **Neuropharmacology** 1985 Feb;24(2):99-105

Contribution of hypothermia to effects of chloral hydrate on flash evoked potentials of hooded rats. Hetzler BE, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):599-607

[Effects of sodium iodate, iodoacetic acid and ethambutol on electroretinogram and visual evoked potential in rats] Sato S, et al. **J Toxicol Sci** 1984 Nov;9(4):389-99 (Eng. Abstr.) (Jpn)

[An experimental study on neurotoxicity of 2,5-hexanedione. Visual and somatosensory cortical evoked potentials in rats] Hirata M. **Sangyo Igaku** 1984 Jul;26(4):283-8 (Eng. Abstr.) (Jpn)

[Shifts in spatial synchronization potentials of the rabbit cortex evoked by the administration of noradrenaline to the visual area] Kurova NS, et al. **Fiziol Zh SSSR** 1984 Sep;70(9):1316-22 (Eng. Abstr.) (Rus)

[Effect of noradrenaline on spatial synchronization and evoked potentials in the cerebral cortex of the rabbit] Ignat'ev DA. **Zh Vyssh Nerv Deiat** 1984 Jul-Aug; 34(4):743-51 (Eng. Abstr.) (Rus)

RADIATION EFFECTS

Visual evoked potential correlates of laser flashblindness in rhesus monkeys I. Argon laser flashes. Previc FH, et al. **Am J Optom Physiol Opt** 1985 May;62(5):309-21

Repetitively pulsed small spot light flashes. Depression of steady-state pattern visual evoked potentials. Schmeisser ET. **Am J Optom Physiol Opt** 1985 Mar;62(3):191-4

Effects of stimulus contrast on binocular VER. Katsumi O, et al. **Jpn J Ophthalmol** 1984;28(4):401-8

EVOLUTION

Mitochondrial DNA variation in Australian aborigines: the spread of modern populations. Cann RL. **Acta Anthropogenet** 1984;8(1-2):125-35

Peopling of northern North America: clues from genetic studies. Szathmary EJ. **Acta Anthropogenet** 1984; 8(1-2):79-109 (113 ref.)

The initial peopling of the Americas: an overview from the perspective of physical anthropology. Zegura SL. **Acta Anthropogenet** 1984;8(1-2):1-21 (78 ref.)

On the probability of the emergence of a protein with a particular function. Erbrich P. **Acta Biotheor (Leiden)** 1985; 34(1):53-80

Creativity in biology and in the human mind (manifestation of concepts). Wagener JS. **Acta Biotheor (Leiden)** 1985; 34(1):3-51

The formation of the human paranasal sinuses. Takahashi R. **Acta Otolaryngol [Suppl] (Stockh)** 1984;408:1-28

Order and human biology. Nabel GJ. **Am J Med** 1985 Apr; 78(4):545-8

Are the Kow Swamp hominids 'archaic'? Kennedy GE. **Am J Phys Anthropol** 1984 Oct;65(2):163-8

Deciduous dental morphology and the biological affinities of a late Chalcolithic skeletal series from western India. Lukacs JR, et al. **Am J Phys Anthropol** 1984 Sep; 65(1):23-30

Australopithecine taxonomy and phylogeny in light of facial morphology. Rak Y. **Am J Phys Anthropol** 1985 Mar; 66(3):281-7

Microevolution in prehistoric Andean populations: chronologic nonmetrical cranial variation in northern Chile. Rothhammer F, et al. **Am J Phys Anthropol** 1984 Oct;65(2):157-62

Evolutionary biology and personality psychology. Toward a conception of human nature and individual differences. Buss DM. **Am Psychol** 1984 Oct;39(10):1135-47

The use of medial axis transformation to examine evolutionary changes in mandibular shape. Lavelle CL. **Anat Anz** 1985;158(4):305-13

Evolving ribosome structure: domains in archaebacteria, eubacteria, eocytes and eukaryotes. Lake JA. **Annu Rev Biochem** 1985;54:507-30 (120 ref.)

The evolutionary implications of mobile genetic elements. Syvanen M. **Annu Rev Genet** 1984;18:271-93 (109 ref.)

Brain evolution relating to family, play, and the separation call. MacLean PD. **Arch Gen Psychiatry** 1985 Apr; 42(4):405-17

Some consequences of the evolution of the human pelvis. Stefani R. **Arch Ital Anat Embriol** 1984 Apr-Jun; 89(2):131-40

The rate of evolutionary divergence of initiation factors IF2 and IF3 in various bacterial species determined quantitatively by immunoblotting. Howe JG, et al. **Arch Microbiol** 1984 Dec;140(2-3):187-92

Evolutionary trends of the histological pattern in the teeth of Edentata (Xenarthra). Ferigolo J. **Arch Oral Biol** 1985; 30(1):71-82

Antigen-bearing targets have selected the immune mechanisms and their regulation during evolution: the example of gestation. Voisin GA. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):293-300 (38 ref.)

Evolutionary relevance of genetic rearrangements involving plasmids. Arber W, et al. **Basic Life Sci** 1985;30:21-31

Viewing the complexities of mutagenesis from an evolutionary perspective. Drake JW. **Basic Life Sci** 1985; 31:335-8

On the transposition and evolution of Tn1721 and its relatives. Schmitt R, et al. **Basic Life Sci** 1985;30:79-91

Isolation of an evolutionarily conserved epidermal growth factor receptor cDNA from human A41 carcinoma cells. Simmen FA, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):125-32

Alcohol dehydrogenase from Drosophila funebris and Drosophila immigrans: molecular and evolutionary aspects. Vilageliu L, et al. **Biochem Genet** 1984 Oct; 22(9-10):797-815

The evolution of enzyme kinetic power. Keleti T, et al. **Biochem J** 1984 Oct 15;223(2):299-303

Evolutionary conservation of ribosomal protein mRNA sequences: application for expansion of corresponding cDNA and gene libraries. Meyuhas O. **Biochim Biophys Acta** 1985 Aug 21;825(4):393-7

The human brain: instrument of progress or disaster? [editorial] Heath RG. **Biol Psychiatry** 1985 Sep;20(9):931-2

Evolution of cardiovascular baroreceptor control. Bagshaw RJ. **Biol Rev** 1985 May;60(2):121-62 (147 ref.)

Thermodynamics of self-organization and evolution. Ebeling W. **Biomed Biochim Acta** 1985;44(6):831-8

Stochastic theory of evolution of biochemical networks. Feistel R. **Biomed Biochim Acta** 1985;44(6):953-7

A conformational rationale for the replication of nucleic acids under prebiotic conditions. Balasubramanian R, et al. **Biosystems** 1984;17(2):77-85

tRNA-rRNA sequence homologies: evidence for an ancient modular format shared by tRNAs and rRNAs. Bloch DP, et al. **Biosystems** 1985;17(3):209-25

Evolve II: a computer model of an evolving ecosystem. Conrad M, et al. **Biosystems** 1985;17(3):245-58

Chromatographic separation as selection process for prebiotic evolution and the origin of the genetic code. Lehmann U. **Biosystems** 1985;17(3):193-208

How can quantum mechanics of material evolution be possible? Symmetry and symmetry-breaking in protobiological evolution. Matsuno K. **Biosystems** 1985; 17(3):179-92

The prospects for chemical Darwinism. Ayres SM. **Bull Environ Contam Toxicol** 1984 Dec;33(6):631-5

Polynucleotide evolution and branching processes. Demetrius L, et al. **Bull Math Biol** 1985;47(2):239-62

Molecular coevolution: DNA divergence and the maintenance of function. Dover GA, et al. **Cell** 1984 Oct; 38(3):622-3

Evolution of the proteases of blood coagulation and fibrinolysis by assembly from modules. Patthy L. **Cell** 1985 Jul;41(3):657-63 (58 ref.)

Genetic, developmental and evolutionary aspects of the lactate dehydrogenase isozyme system. Whitt GS. **Cell Biochem Funct** 1984 Jul;2(3):134-9 (138 ref.)

Did the experience of the African savanna bring about the human menopause? Donaldson JF. **Cent Afr J Med** 1984 Oct;30(10):198-9, 201

Oncogenes and linkage groups: conservation during mammalian chromosome evolution. Stallings RL, et al. **Chromosoma** 1985;92(2):156-63

Evolution of antibody structure and effector functions: comparative hemolytic activities of monomeric and tetrameric IgM from rainbow trout, Salmo gairdneri. Elcombe BM, et al. **Comp Biochem Physiol [B]** 1985; 80(4):697-706

On the loss of uricolytic activity during primate evolution—I. Silencing of urate oxidase in a hominoid ancestor. Friedman TB, et al. **Comp Biochem Physiol [B]** 1985;81(3):653-9

An evolutionary perspective on psychiatry. Nesse RM. **Compr Psychiatry** 1984 Nov-Dec;25(6):575-80

Archaebacteria and the origin of the eukaryotic cytoplasm. Zillig W, et al. **Curr Top Microbiol Immunol** 1985;114:1-18 (54 ref.)

Evolution of chromosomal variation in cottontails, genus Sylvilagus (Mammalia: Lagomorpha). II. Sylvilagus audubonii, S. idahoensis, S. nuttallii, and S. palustris. Robinson TJ, et al. **Cytogenet Cell Genet** 1984;38(4):282-9

Interspecies pharmacokinetic scaling and the evolutionary-comparative paradigm. Boxenbaum H. **Drug Metab Rev** 1984;15(5-6):1071-121 (151 ref.)

Insensitivity of archaebacterial ribosomes to protein synthesis inhibitors. Evolutionary implications. Cammarano P, et al. **EMBO J** 1985 Mar;4(3):811-6

Concerted evolution of the mouse immunoglobulin gamma chain genes. Hayashida H, et al. **EMBO J** 1984 Sep; 3(9):2047-53

Mouse histocompatibility-related genes are not conserved in other mammals. Rogers JH. **EMBO J** 1985 Mar; 4(3):749-53

Colonizing species: a probe into evolution via the organism. Parsons PA. **Endeavour** 1984;8(3):108-12

Structural characteristics of the mammalian spleen indicating storage and release of red blood cells. Aspects of evolutionary and environmental demands. Hartwig H, et al. **Experientia** 1985 Feb 15;41(2):159-63

On the evolution of the spleen. Tischendorf F. **Experientia** 1985 Feb 15;41(2):145-52

Nucleotide sequence divergence and functional constraint in VIP precursor mRNA evolution between human and rat. Nishizawa M, et al. **FEBS Lett** 1985 Apr 8;183(1):55-9

Arboreality and bipedality in the Hadar hominids. Susman RL, et al. **Folia Primatol (Basel)** 1984;43(2-3):113-56

Deleterious mutations as an evolutionary factor. 1. The advantage of recombination. Kondrashov AS. **Genet Res** 1984 Oct;44(2):199-217

Sequence evolution of Drosophila mitochondrial DNA. Wolstenholme DR, et al. **Genetics** 1985 Apr;109(4):725-44

Cellular oncogenes as the ancestors of endocrine and paracrine growth factors and their evolutionary relic status in vertebrates. Ohno S. **Hamatol Bluttransfus** 1985;29:224-7

The properties of meiotic gene conversion important in its effects on evolution. Lamb BC. **Heredity (Edinburgh)** 1984 Aug;53 (Pt 1):113-38

The fixation of chromosomal rearrangements in a subdivided population with local extinction and colonization. Lande R. **Heredity (Edinburgh)** 1985 Jun;54 (Pt 3):323-32

On the number of members of the genus Homo who have ever lived, and some evolutionary implications. Weiss KM. **Hum Biol** 1984 Dec;56(4):637-49

Animal mitochondrial DNA: an extreme example of genetic economy. Attardi G. **Int Rev Cytol** 1985;93:93-145 (190 ref.)

Exons and the evolution of proteins. Blake CC. **Int Rev Cytol** 1985;93:149-85 (214 ref.)

Self-splicing RNA: implications for evolution. Cech TR. **Int Rev Cytol** 1985;93:3-22 (77 ref.)

The origin and evolution of retroposons. Rogers JH. **Int Rev Cytol** 1985;93:187-279 (631 ref.)

Ontogeny and evolution of salmonid hemoglobins. Wilkins NP. **Int Rev Cytol** 1985;94:269-98 (47 ref.)

Evolution of interferon genes. Miyata T, et al. **Interferon** 1985;6:1-30 (73 ref.)

Allelic isozymes and the mechanistic study of evolution. Watt WB. **Isozymes Curr Top Biol Med Res** 1985;12:89-132 (180 ref.)

Freud, evolution, and the tragedy of man. Holmes KR. **J Am Psychoanal Assoc** 1983;31(1):187-210

A comparative study of tropomyosin from vertebrate ventricles. Yamane A, et al. **J Biochem (Tokyo)** 1985 May; 97(5):1419-28

The mouse globin pseudogene beta h3 is descended from a premammalian delta-globin gene. Hutchison CA 3d, et al. **J Biol Chem** 1984 Oct 25;259(20):12881-9

The gene encoding the beta-subunit of rat luteinizing hormone. Analysis of gene structure and evolution of nucleotide sequence. Jameson L, et al. **J Biol Chem** 1984 Dec 25;259(24):15474-80

Complete nucleotide and derived amino acid sequences of the fourth component of mouse complement (C4). Evolutionary aspects. Nonaka M, et al. **J Biol Chem** 1985 Sep 15;260(20):10936-43

Ricin-like plant toxins are evolutionarily related to single-chain ribosome-inhibiting proteins from Phytolacca. Ready M, et al. **J Biol Chem** 1984 Dec 25;259(24):15252-6

Sequence and evolution of guinea pig preproinsulin DNA. Watt VM. **J Biol Chem** 1985 Sep 15;260(20):10926-9

Comparisons of evolutionarily distinct fibronectins: evidence for the origin of plasma and fibroblast cellular fibronectins from a single gene. Akiyama SK, et al. **J Cell Biochem** 1985;27(2):97-107

Possible translocation of a gene for thymidylate kinase from the chloroplast to the nuclear genome during evolution. de Groot EJ, et al. **J Cell Sci** 1984 Dec;72:15-21

H-Y antigen and the evolution of heterogamety. Nakamura D, et al. **J Hered** 1984 Sep-Oct;75(5):353-8

The development of Lewis Henry Morgan's evolutionism. Kuper A. **J Hist Behav Sci** 1985 Jan;21(1):3-22

Sexual orientation, behavioral plasticity, and evolution. Seaborg DM. **J Homosex** 1984 Winter;10(3-4):153-8

Evolutionary origins of neuropeptides, hormones, and receptors: possible applications to immunology. Roth J, et al. **J Immunol** 1985 Aug;135(2 Suppl):816s-819s

Evolution of low density lipoprotein structure probed with monoclonal antibodies. Nelson CA, et al. **J Lipid Res** 1984 Aug;25(8):821-30

Dimension reduction projection and our perception of evolution. Campbell RB. **J Math Biol** 1985;21(3):299-306

Helix movements and the reconstruction of the haem pocket during the evolution of the cytochrome c family. Chothia C, et al. **J Mol Biol** 1985 Mar 5;182(1):151-8

The eta-globin gene. Its long evolutionary history in the beta-globin gene family of mammals. Goodman M, et al. **J Mol Biol** 1984 Dec 25;180(4):803-23

Evolution of glutamine amidotransferase genes. Nucleotide sequences of the pabA genes from Salmonella typhimurium, Klebsiella aerogenes and Serratia marcescens. Kaplan JB, et al. **J Mol Biol** 1985 Jun 5;183(3):327-40

Molecular evolution of the seed storage proteins of barley, rye and wheat. Kreis M, et al. **J Mol Biol** 1985 Jun 5; 183(3):499-502

Molecular evolution in Drosophila and the higher Diptera II. A time scale for fly evolution. Beverley SM, et al. **J Mol Evol** 1984;21(1):1-13

Beta-decay, bremsstrahlen, and the origin of molecular chirality. Bonner WA, et al. **J Mol Evol** 1984;21(1):84-9

The evolution of a plant globin gene family. Brown GG, et al. **J Mol Evol** 1984;21(1):19-32

Evolutionary constraints and the neutral theory. Jukes TH, et al. **J Mol Evol** 1984;21(1):90-2

Primeval cells: possible energy-generating and cell-division mechanisms. Koch AL. **J Mol Evol** 1984-85;21(3):270-7

Nonrandomness of point mutation as reflected in nucleotide substitutions in pseudogenes and its evolutionary implications. Li WH, et al. **J Mol Evol** 1984;21(1):58-71

Population genetics theory of concerted evolution and its application to the immunoglobulin V gene tree. Ohta T. **J Mol Evol** 1984;20(3-4):274-80

Differential effect of amino acid residues on the stability of double helices formed from polyribonucleotides and its possible relation to the evolution of the genetic code. Porschke D. **J Mol Evol** 1984-85;21(2):192-8

Temperature as a determinative factor in the evolution of genetic systems. Reanney DC, et al. **J Mol Evol** 1984; 21(1):72-5

Derivation of the globins from type b cytochromes. Runnegar B. **J Mol Evol** 1984;21(1):33-41

Template-directed polynucleotide synthesis on mineral surfaces. Schwartz AW, et al. **J Mol Evol** 1984-85; 21(3):299-300

The case for a polyphyletic origin of mitochondria: morphological and molecular comparisons. Stewart KD, et al. **J Mol Evol** 1984;21(1):54-7

Comparison of goose-type, chicken-type, and phage-type lysozymes illustrates the changes that occur in both amino acid sequence and three-dimensional structure during evolution. Weaver LH, et al. **J Mol Evol** 1984-85; 21(2):97-111

Clues from Xanthomonas campestris about the evolution of aromatic biosynthesis and its regulation. Whitaker RJ, et al. **J Mol Evol** 1984-85;21(2):139-49

Codon equilibrium I: Testing for homogeneous equilibrium. Wilbur WJ. **J Mol Evol** 1984-85;21(2):169-81

Codon equilibrium II: Its use in estimating silent-substitution rates. Wilbur WJ. **J Mol Evol** 1984-85;21(2):182-91

Evolution of the multidomain protein wheat germ agglutinin. Wright HT, et al. **J Mol Evol** 1984-85;21(2):133-8

Abiotic synthesis of purines and other heterocyclic compounds by the action of electrical discharges. Yuasa S, et al. **J Mol Evol** 1984;21(1):76-80

Conformational changes in the globin family during evolution. I. Analysis of the evolutionary role of insertions and deletions. Zharkikh AA, et al. **J Mol Evol** 1984; 21(1):42-53

A comparison of the evolutionary distribution of the two neuroendocrine markers, neurone-specific enolase and protein gene product 9.5. Jackson P, et al. **J Neurochem** 1985 Jul;45(1):185-90

Genetics of Darwinian fitness. II. Pleiotropic selection on fertility and survival. Abugov R. **J Theor Biol** 1985 May 7;114(1):109-25

Stasis: a coevolutionary model. Barnard CJ. **J Theor Biol** 1984 Sep 7;110(1):27-34

Origin of sex. Bernstein H, et al. **J Theor Biol** 1984 Oct 5; 110(3):323-51

Quantitative genetics and developmental constraints on evolution by selection. Cheverud JM. **J Theor Biol** 1984 Sep 21;110(2):155-71

Autogenesis: the evolution of replicative systems. Csányi V, et al. **J Theor Biol** 1985 May 21;114(2):303-21

A role for metabolite enantiomers in the evolution and integration of enzyme driven systems. Grafstein D. **J Theor Biol** 1985 May 7;114(1):11-20

A model for transposon-based eucaryote regulatory evolution. King CC. **J Theor Biol** 1985 Jun 7;114(3):447-62

Evolutionarily stable strategies in food selection models with fitness sets. Stenseth NC. **J Theor Biol** 1984 Aug 21; 109(4):489-99

Cross-species gene transfer; implications for a new theory of evolution. Syvanen M. **J Theor Biol** 1985 Jan 21; 112(2):333-43

The influence of multiple inseminations and multiple foundresses on social evolution. Wade MJ. **J Theor Biol** 1985 Jan 7;112(1):109-21

On the evolution of dominance modifiers II: a non-equilibrium approach to the evolution of genetic systems. Wagner GP, et al. **J Theor Biol** 1985 Apr 7; 113(3):475-500

Some thoughts on the evolutionary basis for the prominent role of ATP and ADP in cellular energy metabolism. Wilson JE. **J Theor Biol** 1984 Dec 21;111(4):615-23

DNA in medicine. Human perfectibility. Rose S. **Lancet** 1984 Dec 15;2(8416):1380-3

The Aquatic Ape Theory: evidence and a possible scenario. Verhaegen MJ. **Med Hypotheses** 1985 Jan;16(1):17-32

The fruit people. Part 1. Hackett E. **Med J Aust** 1984 Nov 24;141(11):736-8

Selection against hypermutability in Escherichia coli during long term evolution. Tröbner W, et al. **MGG** 1984; 198(1):177-8

Evolution of yeast ribosomal DNA: molecular cloning of the rDNA units of Kluyveromyces lactis and Hansenula wingei and their comparison with the rDNA units of other Saccharomycetoideae. Verbeet MP, et al. **MGG** 1984; 195(1-2):116-25

The complete nucleotide sequence of the influenza virus neuraminidase gene of A/NJ/8/76 strain and its evolution by segmental duplication and deletion. Miki T, et al. **Mol Biol Med** 1983 Nov;1(4):401-13

Is there a higher level genetic code that directs evolution? Caporale LH. **Mol Cell Biochem** 1984 Sep;64(1):5-13

Characterization, expression, and evolution of the mouse embryonic zeta-globin gene. Leder A, et al. **Mol Cell Biol** 1985 May;5(5):1025-33

Contributions to the evolutionary study of the liver afferent veins. Diaconescu N. **Morphol Embryol (Bucur)** 1985 Jan-Mar;31(1):17-23

Creationism in confusion? [letter] Andrews EH. **Nature** 1984 Nov 29-Dec 5;312(5993):396

Improved timing of hominoid evolution with a DNA clock [news] Andrews P. **Nature** 1985 Apr 11-17;314(6011):498-9

US textbooks. Californian setback for evolutionists [news] Beardsley T. **Nature** 1985 Sep 5-11;317(6032):3

On the origin of the Alu family of repeated sequences [news] Brown AL. **Nature** 1984 Nov 8-14;312(5990):106

Therapy by instant evolution [news] Carrell R. **Nature** 1984 Nov 1-7;312(5989):14

Are introns structural elements or evolutionary debris? [news] Cornish-Bowden A. **Nature** 1985 Feb 7-13;313(6002):434-5

Hadar AL 162-28 endocast as evidence that brain enlargement preceded cortical reorganization in hominid evolution. Falk D. **Nature** 1985 Jan 3-9;313(5997):45-7

Creationism in confusion [news] Howgate ME, et al. **Nature** 1984 Oct 25-31;311(5988):703

Mobility and evolutionary variability factors in protein antigenicity [letter] Jemmerson R, et al. **Nature** 1985 Sep 5-11;317(6032):89-90

Sex chromosomes and evolution. Haldane's Rule OK [news] Jones JS, et al. **Nature** 1985 Apr 25-May 1;314(6013):668-9

Comparative chromosome mapping of a conserved homoeo box region in mouse and human. Joyner AL, et al. **Nature** 1985 Mar 14-20;314(6007):173-5

Significance of enamel thickness in hominoid evolution. Martin L. **Nature** 1985 Mar 21-27;314(6008):260-3

Evolution of catalytic and regulatory sites in phosphorylases. Palm D, et al. **Nature** 1985 Feb 7-13;313(6002):500-2

Actin-binding protein evolution [news] Pollard TD. **Nature** 1984 Nov 29-Dec 5;312(5993):403

Two homoeo box loci mapped in evolutionarily related mouse and human chromosomes. Rabin M, et al. **Nature** 1985 Mar 14-20;314(6007):175-8

Ratites as oldest offshoot of avian stem—evidence from alpha-crystallin A sequences. Stapel SO, et al. **Nature** 1984 Sep 20-26;311(5983):257-9

Intron-dependent evolution of chicken glyceraldehyde phosphate dehydrogenase gene. Stone EM, et al. **Nature** 1985 Feb 7-13;313(6002):498-500

Alu sequences are processed 7SL RNA genes. Ullu E, et al. **Nature** 1984 Nov 8-14;312(5990):171-2

Sirenian molecular systematics—including the extinct Steller's sea cow (Hydrodamalis gigas). Rainey WE, et al. **Naturwissenschaften** 1984 Nov;71(11):586-8

Handedness data on the European neolithic. Spennemann DR. **Neuropsychologia** 1984;22(5):613-5

Evolution of myelin sheaths: both lamprey and hagfish lack myelin. Bullock TH, et al. **Neurosci Lett** 1984 Jul 27; 48(2):145-8

Similarity in gene organization and homology between proteins of animal picornaviruses and a plant comovirus suggest common ancestry of these virus families. Argos P, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7251-67

Structure of the mouse glial fibrillary acidic protein gene: implications for the evolution of the intermediate filament multigene family. Balcarek JM, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5527-43

An H1 histone gene-specific 5' element and evolution of H1 and H5 genes. Coles LS, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):585-94

Cloning of cDNA sequences for an Artemia salina hnRNP protein: evidence for conservation through evolution. Cruz-Alvarez M, et al. **Nucleic Acids Res** 1985 Jun 11; 13(11):3917-30

Evolution of vitellogenin genes: comparative analysis of the nucleotide sequences downstream of the transcription initiation site of four Xenopus laevis and one chicken gene. Germond JE, et al. **Nucleic Acids Res** 1984 Nov 26; 12(22):8595-609

Independent recombination events between the duplicated human alpha globin genes; implications for their concerted evolution. Higgs DR, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):6965-77

Homologies between X and Y chromosomes detected by DNA probes: localisation and evolution. Koenig M, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5485-501

Partial methylation of two adjacent adenosines in ribosomes from Euglena gracilis chloroplasts suggests evolutionary loss of an intermediate stage in the methyl-transfer reaction. Van Buul CP, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):9205-8

Evolutionary coorigin of the RNA polymerase sigma factor and the lambda repressor inferred from gene nucleotide sequence homologies. Ohnishi K. **Nucleic Acids Symp Ser** 1984;(15):189-92

Molecular genetics and the foundations of evolution. Davis BD. **Perspect Biol Med** 1985 Winter;28(2):251-68

Biological and social evolution: another view. Degabriele R. **Perspect Biol Med** 1985 Summer;28(4):559-60

Evolution of the human mind and emergence of tribal culture: a mentalist approach. Etkin W. **Perspect Biol Med** 1985 Summer;28(4):498-525

Human evolution: many small steps, but not punctuated equilibria. Neel JV. **Perspect Biol Med** 1984 Autumn; 28(1):75-103

The evolution of the terrestrial vertebrates: environmental and physiological considerations. Bray AA. **Philos Trans R Soc Lond [Biol]** 1985 Apr 2; 309(1138):289-322 (320 ref.)

Animal intelligence as encephalization. Jerison HJ. **Philos Trans R Soc Lond [Biol]** 1985 Feb 13; 308(1135):21-35 (21 ref.)

Ancient origin for Hawaiian Drosophilinae inferred from protein comparisons. Beverley SM, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4753-7

Gamma-crystallin family of the mouse lens: structural and evolutionary relationships. Breitman ML, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7762-6

Human alcohol dehydrogenase: structural differences between the beta and gamma subunits suggest parallel duplications in isoenzyme evolution and predominant expression of separate gene descendants in livers of different mammals. Bühler R, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6320-4

Search, encounter rates, and the evolution of anisogamy. Cox PA, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6078-9

Self-organization in macromolecular systems: the notion of adaptive value. Demetrius L. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6068-72

Pattern analysis of 5S rRNA. Eigen M, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2437-41

Gene-culture coevolution: models for the evolution of altruism with cultural transmission. Feldman MW, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5814-8

Evolution of mouse major histocompatibility complex genes borne by t chromosomes. Figueroa F, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2819-23

Evolutionary amplification of a pseudogene. Ghazal P, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4182-5

The molecular clock may be an episodic clock. Gillespie JH. **Proc Natl Acad Sci USA** 1984 Dec;81(24):8009-13

Rates of evolution of the retroviral oncogene of Moloney murine sarcoma virus and of its cellular homologues. Gojobori T, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(12):4198-201

Evolutionary conservation of key structures and binding functions of neural cell adhesion molecules. Hoffman S, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6881-5

Evolution and organization of the fibrinogen locus on chromosome 4: gene duplication accompanied by transposition and inversion. Kant JA, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2344-8

Domains in viroids: evidence of intermolecular RNA rearrangements and their contribution to viroid evolution. Keese P, et al. **Proc Natl Acad Sci USA** 1985 Jul; 82(14):4582-6

Tetrahymena thermophila glutamine tRNA and its gene that corresponds to UAA termination codon. Kuchino Y, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4758-62

Is the 5S RNA a primitive ribosomal sequence? Nazar RN, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5608-11

Sea urchin metallothionein sequence: key to an evolutionary diversity. Nemer M, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4992-4

The gene coding for carbamoyl-phosphate synthetase I was formed by fusion of an ancestral glutaminase gene and a synthetase gene. Nyunoya H, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2244-6

Construction of the mycoplasma evolutionary tree from 5S rRNA sequence data. Rogers MJ, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1160-4

Intron sequences reveal evolutionary relationships among major histocompatibility complex class I genes. Ronne H, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5860-4

Common evolutionary origin of alpha 2-macroglobulin and complement components C3 and C4. Sottrup-Jensen L, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):9-13

Interaction of selection and biased gene conversion in a multigene family. Walsh JB. **Proc Natl Acad Sci USA** 1985 Jan;82(1):153-7

Evidence for higher rates of nucleotide substitution in rodents than in man. Wu CI, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1741-5

Structure, function and evolution of 5-S ribosomal RNAs. Delihas N, et al. **Prog Nucleic Acid Res Mol Biol** 1984; 31:161-90 (102 ref.)

On the biological significance of modified nucleosides in tRNA. Kersten H. **Prog Nucleic Acid Res Mol Biol** 1984; 31:59-114 (244 ref.)

Evolutionary psychiatry and the triune brain. MacLean PD. **Psychol Med** 1985 May;15(2):219-21

Evolutionary trends and evolutionary origins: relevance to theory in comparative psychology. Gottlieb G. **Psychol Rev** 1984 Oct;91(4):448-56

A conceptual ambiguity that contributed to the neglect of Mendel's paper. Sandler I, et al. **Pubbl Stn Zool Napoli [II]** 1985;7(1):3-70

Are glycosyltransferases the evolutionary antecedents of the immunoglobulins? Roth S. **Q Rev Biol** 1985 Jun; 60(2):145-53

Misery of functionalism. Biological function: a misleading concept. Lambert D, et al. **Riv Biol** 1984 Winter; 77(4):477-502 (Eng, Ita)

Terminological confusion in evolutionary thought. Løvtrup S. **Riv Biol** 1985 Summer;78(2):211-25 (Eng, Ita)

A structuralist approach to morphology. Webster G, et al. **Riv Biol** 1984 Winter;77(4):503-32 (Eng, Ita)

Are organisms gene machines? Ridley M. **Sci Prog** 1984 Summer;69(274):143-55

Genes-in-pieces revisited. Gilbert W. **Science** 1985 May 17; 228(4701):823-4

Smooth curve of evolutionary rate: a psychological and mathematical artifact [letter] Gould SJ. **Science** 1984 Nov 23;226(4677):994-6

Tooth enamel tells a complex story [news] Lewin R. **Science** 1985 May 10;228(4700):707

The Frederick Osborn Memorial Volume. Reprints. **Soc Biol** 1982 Fall-Winter;29(3-4):193-392

Evolution and intraspecific exploitative competition. II. A two-locus model for additive gene effects. Loeschcke V, et al. **Theor Popul Biol** 1984 Oct;26(2):228-64

Coevolution of competing species: ecological character displacement. Lundberg S, et al. **Theor Popul Biol** 1985 Apr;27(2):105-19

The evolution of domestic pets and companion animals. Young MS. **Vet Clin North Am [Small Anim Pract]** 1985 Mar;15(2):297-309

ERV3, a full-length human endogenous provirus: chromosomal localization and evolutionary relationships. O'Connell C, et al. **Virology** 1984 Oct 30;138(2):225-35

Polar encapsidation of adenovirus DNA: evolutionary variants reveal dispensable sequences near the left ends of Ad3 genomes. Robinson CC, et al. **Virology** 1984 Sep; 137(2):276-86

The fossil man from Salzgitter-Lebenstedt (FRG) and its place in human evolution during the pleistocene in Europe. Hublin JJ. **Z Morphol Anthropol** 1984;75(1):45-56

Evolution in the postcranial skeleton of late glacial and early postglacial European hominids. Jacobs KH. **Z Morphol Anthropol** 1985;75(3):307-26

Continuity and change in the origin of modern Homo sapiens. Smith FH. **Z Morphol Anthropol** 1985;75(2):197-222 (120 ref.)

Cell fusion by simulated atmospheric discharges: further support for the hypothesis of involvement of electrofusion in evolution. Küppers G, et al. **Z Naturforsch [C]** 1984 Sep-Oct;39(9-10):973-80

[The acquisition of bipedal gait, evidence of humanization] Hotton F, et al. **Acta Belg Med Phys** 1984 Oct-Dec; 7(4):121-6 (Fre)

[Symbiosis, main factor of evolution?] Costagliola J. **Agressologie** 1984 Dec;25(12):1287-90 (Eng. Abstr.) (Fre)

[Hypotheses on the evolution of DNA and organic beings] Berger G. **C R Acad Sci [III]** 1984;299(10):405-8 (Eng. Abstr.) (Fre)

[The Vanity of Nomenclature, an unpublished manuscript by Jean Piaget] Vidal F. **Pubbl Stn Zool Napoli [II]** 1984; 6(1):75-106 (Fre)

[The role of the upper limb in the evolution of the species and in the human stakes] Verdan C. **Rev Med Suisse Romande** 1985 Jun;105(6):483-94 (Fre)

[Evolutive morphological adaptation of hepatocytes of various vertebrate species to basal metabolism and body weight] Oberholzer M, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:73-8 (Ger)

[How biology views animals and animal protection. Animal experiments and animal protection from the viewpoint of natural science evolution theory] Altner H. **Fortschr Med** 1985 Mar 7;103(9):72-3 (Ger)

[Effect of secular acceleration on the human brain weight and its changes during aging] Haug H. **Gegenbaurs Morphol Jahrb** 1984;130(4):481-500 (Eng. Abstr.) (Ger)

[Pattern and process: complementarity in biological thinking] Rieppel O. **Naturwissenschaften** 1985 Jul;72(7):337-42 (Eng. Abstr.) (Ger)

[The theory of evolution in German-speaking areas. Scientific, epistemological and historical interpretations of the last 10 years] Hoppe B. **Pubbl Stn Zool Napoli [II]** 1985;7(1):121-47 (Eng. Abstr.) (Ger)

[Presapiens hypothesis or Afro-European sapiens hypothesis?] Bräuer G. **Z Morphol Anthropol** 1984; 75(1):1-25 (Eng. Abstr.) (Ger)

[Comparative morphologic characteristics of the Upper Paleolithic specimens from Oberkassel near Bonn] Henke W. **Z Morphol Anthropol** 1984;75(1):27-44 (Eng. Abstr.) (Ger)

[Darwinism and public opinion in Hungary in the 1870's] Buzinkay G. **Orv Hetil** 1985 May 5;126(18):1103-5 (Hun)

[Structure and evolution of movable genetic elements in eukaryotes] Saigo K. **Seikagaku** 1984 Jun;56(6):371-87 (Jpn)

[Various debatable positions in the doctrine of anthropogenesis in light of concepts concerning destabilizing selection and findings of modern paleoendocrinology (on the 100th anniversary of the birth of I. I. Shmal'gauzen)] Nikitiuk BA, et al. **Arkh Anat Gistol Embriol** 1984 Aug;87(8):5-14 (Rus)

[I. I. Shmal'gauzen and evolutionary morphology] Sokolov VE, et al. **Arkh Anat Gistol Embriol** 1984 Jul;87(7):5-17 (Rus)

[Block improvement of the genetic text as a factor of acceleration of biological evolution] Ivanitskii GR, et al. **Biofizika** 1985 May-Jun;30(3):418-21 (Eng. Abstr.) (Rus)

[Biopolymers and evolution] Vol'kenshtein MV. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):55-66 (61 ref.) (Eng. Abstr.) (Rus)

EWING'S TUMOR see SARCOMA, EWING'S

EXANTHEMA

A probable case of rotavirus exanthem. Ruzicka T, et al. **Arch Dermatol** 1985 Feb;121(2):253-4

Morbilliform erythrodermic fever with purpura. A benign eruptive fever occurring in 6 elderly women. Findlay GH. **S Afr Med J** 1985 Aug 3;68(3):176-9

IMMUNOLOGY

[Immunological aspects of drug exanthema] Bjerke JR. **Tidsskr Nor Laegeforen** 1984 Nov 30;104(33):2326-8, 39 (Eng. Abstr.) (Nor)

PATHOLOGY

[Meningococcal infection with hemorrhagic-necrotizing exanthema] Metzner HH, et al. **Dermatol Monatsschr** 1985; 171(2):113-7 (Eng. Abstr.) (Ger)

[Malignant thymoma with polymorphic exanthema and erosive mucous membrane changes] Altmeyer P, et al. **Hautarzt** 1984 Dec;35(12):645-9 (Eng. Abstr.) (Ger)

EXCHANGE TRANSFUSION, WHOLE BLOOD

Hemodynamics and oxygen transport after partial and total blood exchange with pyridoxalated polyhemoglobin in dogs. Hobbhahn J, et al. **Acta Anaesthesiol Scand** 1985 Jul; 29(5):537-43

The effect of multiple exchange transfusions on bilirubin binding. Cepeda EE, et al. **Acta Paediatr Scand** 1985 Jul; 74(4):545-8

Exchange transfusion with fresh heparinized blood is a safe procedure. Experiences from 1 069 newborns. Hovi L, et al. **Acta Paediatr Scand** 1985 May;74(3):360-5

Effects of fetal-maternal exchange transfusion on fetal oxygenation and blood flow distribution. Itskovitz J, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):H655-60

Effect of exchange transfusion with an oxygen-carrying resuscitation fluid on the efficacy of penicillin therapy of pneumococcal infection in rats. Hodges GR, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):903-8

Improvement in auditory and visual evoked potentials in jaundiced preterm infants after exchange transfusion. Chin KC, et al. **Arch Dis Child** 1985 Aug;60(8):714-7

Exchange transfusions in rats with a perfluorocarbon blood substitute: effect on thromboxane B2 levels during endotoxemia. Cook JA, et al. **Circ Shock** 1985; 15(3):193-204

Neonatal thyrotoxicosis treated with exchange transfusion and Lugol's iodine. Wit JM, et al. **Eur J Pediatr** 1985 Mar; 143(4):317-9

Exchange transfusion and plasma-exchange in acute autoimmune hemolytic anemia: report of one case. Garelli S, et al. **Haematologica (Pavia)** 1985 Mar-Apr;70(2):166-70

Exchange transfusion as an alternative to granulocyte concentrate administration in neonates with bacterial sepsis and profound neutropenia. Christensen RD, et al. **J Clin Apheresis** 1984;2(2):177-83

Exchange transfusion for indomethacin-induced hemorrhagic complication in the neonate [letter] Chirico G, et al. **J Pediatr** 1985 Aug;107(2):312

Changes in auditory brainstem responses in hyperbilirubinemic infants before and after exchange transfusion. Nwaesei CG, et al. **Pediatrics** 1984 Nov; 74(5):800-3

Induced low P50 in anesthetized rats: blood gas, circulatory and metabolic adjustments. Teisseire BP, et al. **Respir Physiol** 1984 Dec;58(3):335-44

Treatment of hyperkalemia with exchange transfusion. Lorch V, et al. **Transfusion** 1985 Jul-Aug;25(4):390-1

[Treatment of neonatal sepsis using exchange transfusion] Mihál V, et al. **Cesk Pediatr** 1985 Feb;40(2):111-2 (Cze)

[The development of P50 and 2,3-DPG during exchange-transfusion in neonates] Major D, et al. **Union Med Can** 1985 Feb;114(2):165-6 (Eng. Abstr.) (Fre)

[Magnesium, calcium and phosphate changes in the serum of newborn infants after exchange transfusion] Ratzmann GW, et al. **Kinderarztl Prax** 1985 Mar;53(3):119-26 (Eng. Abstr.) (Ger)

[Effect of methods of artificial detoxication on various indicators of homeostasis] Chelmakina VP. **Anesteziol Reanimatol** 1984 Nov-Dec;(6):22-5 (Eng. Abstr.) (Rus)

[Evaluation of gentamicin as a prophylactic antibiotic in exchange transfusion] Vargas-Origel A, et al. **Bol Med Hosp Infant Mex** 1985 Apr;42(4):240-3 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

Some long-term effects of exchange transfusion with fluorocarbon emulsions in macaque monkeys. Rosenblum WI, et al. **Arch Pathol Lab Med** 1985 Apr;109(4):340-4

Morbidity and mortality associated with exchange transfusion. Keenan WJ, et al. **Pediatrics** 1985 Feb;75(2 Pt 2):417-21

[A case report of prolonged hemolytic anemia in an infant due to a partial exchange transfusion] Vujaklija-Stipanović K, et al. **Bilt Hematol Transfuz** 1983;11(2-3):105-7 (Eng. Abstr.) (Ser)

INSTRUMENTATION

Use of erythrocytapheresis in the treatment of patients with sickle cell anemia. Kleinman SH, et al. **J Clin Apheresis** 1984;2(2):170-6

Selective removal of sickle cells with the IBM 2997 continuous flow blood cell separator. Lenes B, et al. **J Clin Apheresis** 1983;1(2):64-70

METHODS

[Detoxication of the body by direct replacement of blood in extensive burns] Perveeva VI, et al. **Gematol Transfuziol** 1985 May;30(5):28-31 (Eng. Abstr.) (Rus)

EXCIPIENTS

Hydroxyethylcellulose gel as a dinoprostone vehicle [letter] Gauger LJ. **Am J Hosp Pharm** 1984 Sep;41(9):1761-2

Excipients and additives [letter] **Can Med Assoc J** 1985 Jul 15;133(2):93

More on excipients and additives [letter] Napke E, et al. **Can Med Assoc J** 1985 Mar 1;132(5):509

Gluten in pills: a hazard for patients with celiac disease. Patel DG, et al. **Can Med Assoc J** 1985 Jul 15;133(2):114-5

The influence of the swelling characteristics of disintegrants on the availability of a hydrophobic drug from hard gelatin capsules. De Beukelaer P, et al. **J Pharm Belg** 1984 Nov-Dec;39(6):361-5

Crystallization of excipients in tablets. Ando H, et al. **J Pharm Sci** 1985 Feb;74(2):128-31

Characterization of polyacryl starch microparticles as carriers for proteins and drugs. Artursson P, et al. **J Pharm Sci** 1984 Nov;73(11):1507-13

Cyclodextrin polymer, a new tablet disintegrating agent. Fenyvest E, et al. **Pharmazie** 1984 Jul;39(7):473-5

Biological and physical properties of fibronectin pasteurized in the presence of stabilizers. Miekka SI, et al. **Vox Sang** 1985;48(5):284-95

[Effect of microcrystalline cellulose on the properties of phenobarbital tablets] Szabóné Révész P, et al. **Acta Pharm Hung** 1984 Jul;54(4):181-6 (Eng. Abstr.) (Hun)

ADVERSE EFFECTS

Excipients and additives: hidden hazards in drug products and in product substitution. Napke E, et al. **Can Med Assoc J** 1984 Dec 15;131(12):1449–52

ANALYSIS

[Comparative studies on the study of drug-excipient interactions with vapor pressure osmometry and equilibrium dialysis] Voigt R, et al. **Pharmazie** 1984 Nov;39(11):760–3 (Eng. Abstr.) **(Ger)**

[Determination of excipients in pharmaceutical preparations I. Simultaneous determination of talc and aerosil in tablets] Varsányi E, et al. **Acta Pharm Hung** 1984 Jul;54(4):146–53 (Eng. Abstr.) **(Hun)**

ISOLATION & PURIFICATION

Isolation of a bioemulsifier from Candida lipolytica. Cirigliano MC, et al. **Appl Environ Microbiol** 1984 Oct;48(4):747–50

PHARMACODYNAMICS

Stabilising effect of aminoacids on factor VIII in lyophilised cryoprecipitate [letter] Margolis J, et al. **Lancet** 1984 Dec 8;2(8415):1345

[Effect of emulsifiers released by yeasts multiplying on n-alkane media on their growth and microscopic organization] Shishkanova NV, et al. **Mikrobiologiia** 1984 Jul-Aug;53(4):551–5 (Eng. Abstr.) **(Rus)**

EXCITEMENT, PSYCHOMOTOR see **PSYCHOMOTOR AGITATION**

EXERCISE, PHYSICAL see **EXERTION**

EXERCISE TEST

Cardiovascular response to exercise in young women with insulin-dependent diabetes mellitus. Airaksinen JK, et al. **Acta Diabetol Lat** 1985 Jan–Mar;22(1):1–7

Can areas of myocardial ischemia be localized by the exercise electrocardiogram? A correlative study with thallium-201 scintigraphy. Abouantoun S, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):933–41

Excessive reduction in peripheral resistance during exercise and risk of orthostatic symptoms with sustained-release nitroglycerin and diltiazem treatment of angina. Bruce RA, et al. **Am Heart J** 1985 May;109(5 Pt 1):1020–6

Correlations of systolic time intervals and radionuclide angiography at rest and during exercise. Cokkinos DV, et al. **Am Heart J** 1985 Jan;109(1):104–12

Maximal exercise in children with aortic regurgitation: an adjunct to noninvasive assessment of disease severity. Goforth D, et al. **Am Heart J** 1984 Nov;108(5):1306–11

Effects of transluminal coronary angioplasty on left ventricular systolic and diastolic function at rest and during exercise. Lewis JF, et al. **Am Heart J** 1985 Apr;109(4):792–8

A new approach to quantitation of exercise thallium-201 scintigraphy before and after an intervention: application to define the impact of coronary angioplasty on regional myocardial perfusion. Lim YL, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):917–25

Coronary angiography during exercise-induced angina with ECG changes. Matsuda Y, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):959–66

Transtelephonic electrocardiographic monitoring: reliability in detecting the ischemic ST segment response during exercise. Pratt CM, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):967–74

Predicting oxygen uptake from treadmill testing in normal subjects and coronary artery disease patients. Roberts JM, et al. **Am Heart J** 1984 Dec;108(6):1454–60

Effect of a new transdermal therapeutic system containing nitroglycerin on exercise capacity in patients with angina pectoris. Scardi S, et al. **Am Heart J** 1985 Sep;110(3):546–51

Directional variability in the R wave response during serial exercise testing in patients with coronary artery disease. Voyles WF, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):983–8

The safety of static-dynamic effort soon after myocardial infarction. Wilke NA, et al. **Am Heart J** 1985 Sep;110(3):542–5

Value of arm exercise testing in detecting coronary artery disease. Balady GJ, et al. **Am J Cardiol** 1985 Jan 1;55(1):37–9

Routine preoperative exercise testing in patients undergoing major noncardiac surgery. Carliner NH, et al. **Am J Cardiol** 1985 Jul 1;56(1):51–8

'Submaximal' predischarge exercise testing after acute myocardial infarction: who needs it? DeBusk RF, et al. **Am J Cardiol** 1985 Feb 1;55(4):499–500

Radionuclide assessment of ventricular contraction at rest and during exercise following the Fontan procedure for either tricuspid atresia or single ventricle. del Torso S, et al. **Am J Cardiol** 1985 Apr 15;55(9):1127–32

Value of programmed stimulation and exercise testing in predicting one-year mortality after acute myocardial infarction. Denniss AR, et al. **Am J Cardiol** 1985 Aug 1;56(4):213–20

Naloxone and asymptomatic ischemia: failure to induce angina during exercise testing. Ellestad MH, et al. **Am J Cardiol** 1984 Nov 1;54(8):982–4

Prediction of mortality during the first year after acute myocardial infarction from clinical variables and stress test at hospital discharge. Fioretti P, et al. **Am J Cardiol** 1985 May 1;55(11):1313–8

Exercise testing and hemodynamic performance in healthy elderly persons. Hitzhusen JC, et al. **Am J Cardiol** 1984 Nov 1;54(8):1082–6

Effect of beta-adrenergic blockade on the results of exercise testing related to the extent of coronary artery disease. Ho SW, et al. **Am J Cardiol** 1985 Feb 1;55(4):258–62

Effect of beta 1-selective and nonselective beta blockade on blood pressure relative to physical performance in men with systemic hypertension. Kaiser P, et al. **Am J Cardiol** 1985 Apr 26;55(10):79D–84D

Effects of coenzyme Q10 on exercise tolerance in chronic stable angina pectoris. Kamikawa T, et al. **Am J Cardiol** 1985 Aug 1;56(4):247–51

Long-term efficacy of diltiazem assessed with multistage graded exercise tests in patients with chronic stable angina pectoris. Khurmi NS, et al. **Am J Cardiol** 1984 Oct 1;54(7):738–43

Rest and exercise hemodynamics in pulmonary stenosis: comparison of children and adults. Krabill KA, et al. **Am J Cardiol** 1985 Aug 1;56(4):360–5

Hemodynamic determinants of exercise-induced ST-segment depression in children with valvar aortic stenosis. Kveselis DA, et al. **Am J Cardiol** 1985 Apr 15;55(9):1133–9

Measurement of cardiac output during exercise by the thermodilution and direct Fick techniques in patients with chronic congestive heart failure. Lipkin DP, et al. **Am J Cardiol** 1985 Aug 1;56(4):321–4

Early positive exercise test and extensive coronary disease: effect of antianginal therapy. Mukharji J, et al. **Am J Cardiol** 1985 Feb 1;55(4):267–70

Different recovery process of ST depression on postexercise electrocardiograms in women in standing and supine positions. Murayama M, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1474–7

Prognostic significance of exercise-induced complex ventricular arrhythmias in coronary artery disease with normal and abnormal left ventricular ejection fraction. Nair CK, et al. **Am J Cardiol** 1984 Nov 1;54(8):1136–8

Septal Q wave in exercise testing: evaluation by single-photon emission computed tomography. Nohara R, et al. **Am J Cardiol** 1985 Apr 1;55(8):905–9

Effect of coffee on exercise-induced angina pectoris due to coronary artery disease in habitual coffee drinkers. Piters KM, et al. **Am J Cardiol** 1985 Feb 1;55(4):277–80

Predictive value of changes in R-wave amplitude after exercise in coronary heart disease. Poyatos ME, et al. **Am J Cardiol** 1984 Dec 1;54(10):1212–5

Long-term beneficial effects of endralazine, a new arteriolar vasodilator at rest and during exercise capacity in chronic congestive heart failure. Quyyumi AA, et al. **Am J Cardiol** 1984 Nov 1;54(8):1020–4

Blood pressure and heart rate responses during 24-hour ambulatory monitoring and exercise in men with diabetes mellitus. Rubler S, et al. **Am J Cardiol** 1985 Mar 1;55(6):801–6

Significance of exercise-induced ventricular arrhythmia in stable coronary artery disease: a coronary artery surgery study project. Sami M, et al. **Am J Cardiol** 1984 Dec 1;54(10):1182–8

Exercise-induced intermittent angina and ST-segment depression. Scardi S, et al. **Am J Cardiol** 1985 May 1;55(11):1427–8

Effects of upright and supine position on cardiac rest and exercise response in aortic regurgitation. Shen WF, et al. **Am J Cardiol** 1985 Feb 1;55(4):428–31

Cardiovascular responses to early exercise in inferior wall ST acute myocardial infarction. Teo KK, et al. **Am J Cardiol** 1985 May 1;55(11):1277–81

Holter recording during treadmill testing in assessing myocardial ischemic changes. Tzivoni D, et al. **Am J Cardiol** 1985 Apr 15;55(9):1200–3

Cardiopulmonary exercise testing for evaluation of chronic cardiac failure. Weber KT, et al. **Am J Cardiol** 1985 Jan 11;55(2):22A–31A

Early detection of restenosis after successful percutaneous transluminal coronary angioplasty by exercise-redistribution thallium scintigraphy. Wijns W, et al. **Am J Cardiol** 1985 Feb 1;55(4):357–61

Efficacy of verapamil in exercise-induced ventricular tachycardia. Woelfel A, et al. **Am J Cardiol** 1985 Aug 1;56(4):292–7

Use of simulated work testing in cardiac rehabilitation: a case report. Wilke NA, et al. **Am J Occup Ther** 1985 May;39(5):327–30

Improved stress test results after multiple coronary grafting. Sommerhaug RG, et al. **Am J Surg** 1985 May;149(5):583–6

Diagnosis of vasospastic angina by analysis of heart rate response to exercise: effects of different levels of work load. Sato I, et al. **Angiology** 1985 Jan;36(1):9–18

Comparison of cardiorespiratory responses between treadmill exercise and outdoor exercises. Ichimaru Y, et al. **Ann Physiol Anthropol** 1984 Jul;3(3):217–25

Treadmill exercise test in short children. de San Lazaro C, et al. **Arch Dis Child** 1984 Dec;59(12):1179–82

Exercise test for growth hormone deficiency. Nicoll AG, et al. **Arch Dis Child** 1984 Dec;59(12):1177–8

Tiapamil dose ranging study on exercise performance in patients with exercise induced angina and coronary artery disease. Maltz MB, et al. **Arq Bras Cardiol** 1984 Jun;42(6):443–6

Early exercise testing and elective coronary artery bypass surgery after uncomplicated myocardial infarction. Effect on morbidity and mortality. Akhras F, et al. **Br Heart J** 1984 Oct;52(4):413–7

Changes in echocardiographic left ventricular minor axis dimensions during exercise in patients with aortic stenosis. Dancy M, et al. **Br Heart J** 1984 Oct;52(4):446–50

Submaximal exercise testing early after myocardial infarction. Difficulty of predicting coronary anatomy and left ventricular performance. Sullivan ID, et al. **Br Heart J** 1985 Feb;53(2):180–5

Predictive value of early maximal exercise test and thallium scintigraphy after successful percutaneous transluminal coronary angioplasty. Wijns W, et al. **Br Heart J** 1985 Feb;53(2):194–200

Submaximal exercise testing early after myocardial infarction [letter] Wilkes N, et al. **Br Heart J** 1985 Feb;53(2):236

A laboratory running test: metabolic responses of sprint and endurance trained athletes. Cheetham ME, et al. **Br J Sports Med** 1985 Jun;19(2):81–4

Effects of aminophylline upon the exercise performance of patients with stable chronic airflow obstruction. Nietrzeba RM, et al. **Bull Eur Physiopathol Respir** 1984 Jul–Aug;20(4):361–7

Usefulness of stress testing for the evaluation of hypertensive heart disease in young hypertensive subjects. Wu SC, et al. **Cardiology** 1984;71(5):277–83

Evaluation of patients with coronary artery disease during exercise: the relation between extent of disease and perfusion deficit. Hakki AH, et al. **Cathet Cardiovasc Diagn** 1984;10(4):311–8

Accuracy of pulmonary function tests in predicting exercise tolerance in chronic obstructive pulmonary disease. Pineda H, et al. **Chest** 1984 Oct;86(4):564–7

Comparative predictive value of ST-segment depression or angina during early and repeat postinfarction exercise tests. Starling MR, et al. **Chest** 1984 Dec;86(6):845–9

Echocardiographic evaluation of the response to afterload stress test in young asymptomatic patients with chronic severe aortic regurgitation: sensitivity of the left ventricular end-systolic pressure-volume relationship. Branzi A, et al. **Circulation** 1984 Oct;70(4):561–9

The effect of left ventricular systolic function on maximal aerobic exercise capacity in asymptomatic patients with coronary artery disease. Ehsani AA, et al. **Circulation** 1984 Oct;70(4):552–60

The abnormal exercise electrocardiogram in apparently healthy men: a predictor of angina pectoris as an initial coronary event during long-term follow-up. McHenry PL, et al. **Circulation** 1984 Oct;70(4):547–51

Value of exercise electrocardiography to predict additional jeopardized myocardial regions remote from site of previous myocardial infarction. Bamrah VS, et al. **Clin Cardiol** 1985 Jul;8(7):391–8

Chest pain and electrocardiographic ST-segment elevation occurring in the recovery phase after exercise in a patient with normal coronary arteries. Caplin JL, et al. **Clin Cardiol** 1985 Apr;8(4):228–9

Improvement in exercise capacity and associated changes in hemodynamics and left ventricular function after the addition of metoprolol to nifedipine in patients with stable exertional angina. Choong CY, et al. **Clin Cardiol** 1985 Apr;8(4):213–24

Mechanism underlying the absence of ischemic changes on the exercise electrocardiogram in patients with abnormal exercise thallium-201 imaging and coronary artery disease. Coplan NL, et al. **Clin Cardiol** 1985 Jul;8(7):399–405

Changes in plasma catecholamine concentrations in patients with coronary heart disease during pacing and physical exercise. Dominiak P, et al. **Clin Cardiol** 1985 Feb;8(2):77–81

Noninvasive index of cardiac contractility during stress testing: a collaborative study. Luisada AA, et al. **Clin Cardiol** 1985 Jul;8(7):375–84

Poor responsiveness of heart rate to treadmill exercise in vasospastic angina. Sato I, et al. **Clin Cardiol** 1985 Apr;8(4):206–12

The different radionuclide angiography (RNA) responses to upright bicycle ergometer exercise in a population with low probability coronary disease. Murray GL, et al. **Clin Nucl Med** 1984 Dec;9(12):687–92

Maximal work capacity in prepubescent obese and nonobese females. DeMeersman RE, et al. **Clin Pediatr (Phila)** 1985 Apr;24(4):199–200

Reference values for exercise tests with continuous increase in load. Nordenfelt I, et al. **Clin Physiol** 1985 Apr;5(2):161–72

Evaluating the cardiac patient for exercise therapy. Role of exercise testing. Hellerstein HK, et al. **Clin Sports Med** 1984 Apr;3(2):371–93 (33 ref.)

The exercise test as a guide to management and prognosis. Kozlowski JH, et al. **Clin Sports Med** 1984 Apr;3(2):395–416 (143 ref.)

Prognostic contributions of exercise testing to the evaluation of myocardial infarction patients. Naughton J. **Compr Ther** 1984 Sep;10(9):37–41

Simultaneous EMG of biceps femuralis, semimembranous and semitendinous muscles in the flexion movement, in ergometric bicycle. Jose JL, et al. **Electromyogr Clin Neurophysiol** 1984 Nov-Dec;24(7):561–9

Effect of pedal rate, brake load and power on metabolic responses to bicycle ergometer work. Croisant PT, et al. **Ergonomics** 1984 Jun;27(6):691–700

Effect of long–term oral nifedipine therapy on left ventricular regional wall function at rest and during supine bicycle exercise. Bos RJ, et al. **Eur Heart J** 1985 Apr;6(4):349–57

Comparative evaluation of the effect of two doses of Nitroderm TTS on exercise–related parameters in patients with angina pectoris. Cerri B, et al. **Eur Heart J** 1984 Sep;5(9):710–5

Exercise capacity with transdermal nitroglycerin in patients with stable angina pectoris. Naafs MA, et al. **Eur Heart J** 1984 Sep;5(9):705–9

Thallium–201 exercise testing in patients 6–8 weeks after myocardial infarction: limited value for the detection of multivessel disease. van der Wall EE, et al. **Eur Heart J** 1985 Jan;6(1):29–36

Afterload reduction by nifedipine––the acute haemodynamic response to exercise in hypertensive subjects. Wathen CG, et al. **Eur Heart J** 1985 Apr;6(4):358–64

Force kinetics and oxygen consumption during bicycle ergometer work in racing cyclists and reference–group. Künstlinger U, et al. **Eur J Appl Physiol** 1985;54(1):58–61

Effect of trunk load on the energy expenditure of treadmill walking and ergometer cycling. Myo–Thein, et al. **Eur J Appl Physiol** 1985;54(1):122–4

Linear increase in optimal pedal rate with increased power output in cycle ergometry. Coast JR, et al. **Eur J Applied Physiol** 1985;53(4):339–42

Is it possible to predict pulmonary arterial hypertension from an exercise test? Schrijen F, et al. **G Ital Cardiol** 1984;14 Suppl 1:56–60

The value of rest and exercise radionuclide ventriculography as compared to echocardiography and angiography in the detection of left ventricular dysfunction in patients with chronic aortic regurgitation. Firth BG. **Herz** 1984 Oct;9(5):279–87

Value of post–exercise systolic blood pressure response in diagnosing coronary artery disease. Mohan JC, et al. **Indian Heart J** 1985 Jan–Feb;37(1):23–6

Effect of oxyfedrine on exercise performance and systolic time intervals in patients of angina pectoris. Puri VK, et al. **Indian Heart J** 1984 Jul–Aug;36(4):226–30

Beta–adrenergic blocking agents. Effect of chronic dosage on a fit, middle–aged man: a case study and review. Steinrauf LK, et al. **Indiana Med** 1985 Jul;78(7):600–4

The value of exercise tests in the follow–up of patients who underwent transluminal coronary angioplasty. Ernst SM, et al. **Int J Cardiol** 1985 Mar;7(3):267–79

Abnormal heart rate control in vasospastic angina: effects of calcium antagonists. Sato I, et al. **Int J Cardiol** 1985 Jul;8(3):313–25

Low–level exercise testing before and after coronary artery bypass surgery. Christopherson DJ, et al. **Int J Nurs Stud** 1984;21(4):241–53

Value of lead V4R in exercise testing to predict proximal stenosis of the right coronary artery. Braat SH, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1308–11

Validation of exercise–enhanced risk assessment of coronary heart disease events: longitudinal changes in incidence in Seattle community practice. Bruce RA, et al. **J Am Coll Cardiol** 1985 Apr;5(4):875–81

Submaximal exercise testing after stabilization of unstable angina pectoris. Butman SM, et al. **J Am Coll Cardiol** 1984 Oct;4(4):667–73

Exercise stress tests and the CASS [letter] Coplan NL, et al. **J Am Coll Cardiol** 1984 Oct;4(4):853–4

Relative attenuation of sympathetic drive during exercise in patients with congestive heart failure. Francis GS, et al. **J Am Coll Cardiol** 1985 Apr;5(4):832–9

Noninvasive testing in the evaluation of myocardial ischemia: agreement among tests. Hammond HK, et al. **J Am Coll Cardiol** 1985 Jan;5(1):59–69

Silent myocardial ischemia: hemodynamic changes during dynamic exercise in patients with proven coronary artery disease despite absence of angina pectoris. Hirzel HO, et al. **J Am Coll Cardiol** 1985 Aug;6(2):275–84

Role of exercise testing in predicting sudden death. McHenry PL. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl).9B–12B (16 ref.)

Ejection fraction response to supine exercise in asymptomatic aortic regurgitation: relation to simultaneous hemodynamic measurements. Massie BM, et al. **J Am Coll Cardiol** 1985 Apr;5(4):847–55

Right ventricular function at rest and during exercise in aortic and mitral valve disease. Morrison DA, et al. **J Am Coll Cardiol** 1985 Jan;5(1):21–8

Behavior of the terminal T wave during exercise in normal subjects, patients with symptomatic coronary artery disease and apparently healthy subjects with abnormal ST segment depression. O'Donnell J, et al. **J Am Coll Cardiol** 1985 Jan;5(1):78–84

Quantitative split dose thallium–201 imaging with exercise: a technique for obtaining rest and exercise perfusion images in one setting and markedly reducing the study time. Okada RD, et al. **J Am Coll Cardiol** 1985 Jan;5(1):70–7

Assessment of single vessel coronary artery disease: results of exercise electrocardiography, thallium–201 myocardial perfusion imaging and radionuclide angiography. Port SC, et al. **J Am Coll Cardiol** 1985 Jul;6(1):75–83

Exercise systolic blood pressure: a powerful determinant of increased left ventricular mass in patients with hypertension. Ren JF, et al. **J Am Coll Cardiol** 1985 May;5(5):1224–31

A format for integrating the interpretation of exercise ejection fraction and wall motion and its application in identifying equivocal responses. Rozanski A, et al. **J Am Coll Cardiol** 1985 Feb;5(2 Pt 1):238–48

Noninvasive assessment of acute effects of nifedipine on rest and exercise hemodynamics and cardiac function in patients with aortic regurgitation. Shen WF, et al. **J Am Coll Cardiol** 1984 Nov;4(5):902–7

Stress testing for comparison of synthetic patch aortoplasty with resection and end to end anastomosis for repair of coarctation in childhood. Smith RT Jr, et al. **J Am Coll Cardiol** 1984 Oct;4(4):765–70

Failure of transdermal nitroglycerin to improve exercise capacity in patients with angina pectoris. Sullivan M, et al. **J Am Coll Cardiol** 1985 May;5(5):1220–3

Prognostic significance of normal quantitative planar thallium–201 stress scintigraphy in patients with chest pain. Wackers FJ, et al. **J Am Coll Cardiol** 1985 Jul;6(1):27–30

Comparison of clinical variables and variables derived from a limited predischarge exercise test as predictors of early and late mortality after myocardial infarction. Waters DD, et al. **J Am Coll Cardiol** 1985 Jan;5(1):1–8

Accuracy of cardiokymography during exercise testing: results of a multicenter study. Weiner DA. **J Am Coll Cardiol** 1985 Sep;6(3):502–9

The role of exercise induced R wave changes in stress testing. Jaison TM, et al. **J Assoc Physicians India** 1985 Feb;33(2):138–40

Graphic representation of treadmill test results in follow up of patients of ischaemic heart diseases. Karandikar NG, et al. **J Assoc Physicians India** 1984 Jun;32(6):491–3

The role of exercise induced 'R' wave changes in stress testing [editorial] Khalilullah M, et al. **J Assoc Physicians India** 1985 Feb;33(2):135–6

How should we measure function in patients with chronic heart and lung disease? Guyatt GH, et al. **J Chronic Dis** 1985;38(6):517–24

Exercise induced 'Mobitz type II' second degree AV block in a patient with chronic bifascicular block (right bundle branch block and left anterior hemiblock). Freeman G, et al. **J Electrocardiol** 1984 Oct;17(4):409–12

Qualitative and quantitative evaluation of the exercise electrocardiogram in assessing the degree of coronary heart disease. Hajduczki I, et al. **J Electrocardiol** 1985 Jan;18(1):55–62

Normal variations in body surface electrocardiographic potential distributions during QRS: effects of exercise and exercise training. Miller WT, et al. **J Electrocardiol** 1985 Jul;18(3):239–50

Exercise–induced hypercalcemia and the calciotropic hormones. Aloia JF, et al. **J Lab Clin Med** 1985 Sep;106(3):229–32

Thallium 201 exercise scintigraphy for detection of multivessel coronary artery disease after transmural myocardial infarction. Ahmadpour H, et al. **J Natl Med Assoc** 1984 Dec;76(12):1193–200

Some limitations of exercise testing. Shephard RJ. **J Sports Med Phys Fitness** 1985 Mar–Jun;25(1–2):40–8

Noninvasive assessment of exercise cardiac function before and after pectus excavatum repair. Peterson RJ, et al. **J Thorac Cardiovasc Surg** 1985 Aug;90(2):251–60

Management of the asymptomatic patient with an abnormal exercise electrocardiogram [letter] Lewis SW. **JAMA** 1985 Mar 15;253(11):1558–9

Comparison of 6–min 'all–out' and incremental exercise tests in elite oarsmen. Mahler DA, et al. **Med Sci Sports Exerc** 1984 Dec;16(6):567–71

Exercise–induced ischemia in mildly symptomatic patients with coronary–artery disease and preserved left ventricular function. Identification of subgroups at risk of death during medical therapy. Bonow RO, et al. **N Engl J Med** 1984 Nov 22;311(21):1339–45

Comparison of a quantitative treadmill exercise score with standard electrocardiographic criteria in screening asymptomatic young men for coronary artery disease. Hollenberg M, et al. **N Engl J Med** 1985 Sep 5;313(10):600–6

Another perfect treadmill test? [editorial] Sheffield LT. **N Engl J Med** 1985 Sep 5;313(10):633–5

Exercise radionuclide ventriculographic responses in hypertensive patients with chest pain. Wasserman AG, et al. **N Engl J Med** 1984 Nov 15;311(20):1276–80

Sex differences in submaximal exercise tests correlation with coronary cineangiography in 133 patients. Yamauchi K, et al. **Nagoya J Med Sci** 1985 Jan;47(1–2):67–75

Provocative exercise testing: a new role for cardiac rehabilitation. Baird CL Jr. **NC Med J** 1985 Jun;46(6):340–2

Isometric exercise test for predicting gestational hypertension. Degani S, et al. **Obstet Gynecol** 1985 May;65(5):652–4

Usefulness of exercise stress testing for prediction of blood pressure trends. Fixler DE, et al. **Pediatrics** 1985 Jun;75(6):1071–5

Supine thallium 201 cardiac testing compared with treadmill testing. Lear JL. **Radiology** 1985 Sep;156(3):835–6

The 12–min walking distance; its use in the pre–operative assessment of patients with bronchial carcinoma before lung resection. Bagg LR. **Respiration** 1984;46(4):342–5

Ventilatory thresholds during a graded exercise test. Bhambhani Y, et al. **Respiration** 1985;47(2):120–8

Assessment of the anaerobic threshold during exercise in normal man by means of the occlusion pressure as compared to conventional noninvasive techniques. Van Meerhaeghe A, et al. **Respiration** 1984;46(4):346–53

Exercise electrocardiography. Hutchison SJ, et al. **Scott Med J** 1984 Jul;29(3):145–9 (19 ref.)

Exercise stress testing. Prisant LM, et al. **South Med J** 1984 Dec;77(12):1551–6 (27 ref.)

Exercise testing, training and arm ergometry. Franklin BA. **Sports Med** 1985 Mar–Apr;2(2):100–19 (92 ref.)

Exercise testing for cardiorespiratory fitness. Hammond HK, et al. **Sports Med** 1984 May–Jun;1(3):234–9

The effect of validation group bias on screening tests for coronary artery disease. Green MS. **Stat Med** 1985 Jan–Mar;4(1):53–61

Measurement of R wave amplitude in treadmill exercise tests––simplified method and its clinical application. Hsu TS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Oct;83(10):986–95

Effect of encouragement on walking test performance. Guyatt GH, et al. **Thorax** 1984 Nov;39(11):818–22

Evaluation of treadmill exercise on total artificial heart recipients. Chiang BY, et al. **Trans Am Soc Artif Intern Organs** 1984;30:514–9

[Exercise stress test after myocardial infarction: analysis of 38 cases] Chen SC, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Mar;24(3):142–5, 189 (Eng. Abstr.) (Chi)

[A comparative study of carteolol and propranolol on exercise performance in patients with chronic stable angina pectoris] Liu PH, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Apr;84(4):457–61 (Eng. Abstr.) (Chi)

[Comparison of the loading test and the histamine test in patients with bronchial asthma] Opálka P. **Cas Lek Cesk** 1985 Jul 12;124(28):872–5 (Eng. Abstr.) (Cze)

[Comprehensive evaluation of patients after acute myocardial infarct using noninvasive testing technics during a laboratory stress test] Vávra J, et al. **Cas Lek Cesk** 1985 Mar 8;124(10):297–302 (Eng. Abstr.) (Cze)

[Prognostic value of the early stress test and the significance of indicators in the electrocardiogram at rest in patients with myocardial infarct] Zeman S, et al. **Cas Lek Cesk** 1985 Jul 26;124(30):934–7 (Eng. Abstr.) (Cze)

[Blood glycerol levels in pregnant women with a potential glucose tolerance disorder during a stress test. Relation to the birth weight of the fetus] Hanuš J, et al. **Cesk Gynekol** 1985 Jun;50(5):321–7 (Eng. Abstr.) (Cze)

[Post–exertional electromapping in the diagnosis of ischemic heart disease] Janota M, et al. **Vnitr Lek** 1985 Aug;31(8):736–43 (Eng. Abstr.) (Cze)

[Rheocardiographic study during the isometric loading test] Mayer P, et al. **Vnitr Lek** 1984 Sep;30(9):836–41 (Eng. Abstr.) (Cze)

[Use of the clinical exercise test in the evaluation of occupational working capacity] Hämäläinen H, et al. **Duodecim** 1984;100(21):1383–93 (Fin)

[Exercise ECG in the diagnosis of coronary heart disease] Siltanen P. **Duodecim** 1984;100(21):1360–82 (118 ref.) (Fin)

[Exercise test in patients over 70 years of age] Bayada M, et al. **Ann Med Interne (Paris)** 1985;136(1):31–5 (Eng. Abstr.) (Fre)

[Maximal effort, maximal heart rate and serum lactic acid in exercise electrocardiography. A comparative study] Alabouvette G, et al. **Arch Mal Coeur** 1984 Nov;77(12):1301–6 (Eng. Abstr.) (Fre)

[Diagnostic value of amplitude variations of the Q wave during computerized stress electrocardiogram] Douard H, et al. **Arch Mal Coeur** 1985 Mar;78(3):415–9 (Eng. Abstr.) (Fre)

[Value of an ergometric test for the assessment of cardiac failure] Gibelin P, et al. **Arch Mal Coeur** 1984 Dec;77(13):1502–9 (Eng. Abstr.) (Fre)

[Ergospirometry after repair of Fallot's tetralogy] Potiron–Josse M, et al. **Arch Mal Coeur** 1985 May;78(5):763–9 (Eng. Abstr.) (Fre)

[Prognostic value of the exercise test performed less than 40 days after the first infarction] Saint–Pierre A, et al. **Arch Mal Coeur** 1985 Jun;78(6):861–8 (Eng. Abstr.) (Fre)

[Possible role of a cardiac factor in limiting the walking perimeter in the treadmill test in the arteritis patient] Pochon P, et al. **J Mal Vasc** 1985;10 Suppl A:33–6 (Eng. Abstr.) (Fre)

[Value of the treadmill exercise test for long–term monitoring of lower–limb arteriopathies] Zicot M. **J Mal Vasc** 1985;10 Suppl A:27–32 (Eng. Abstr.) (Fre)

[Ergometric validation of a questionnaire on the physical activity in 2 Swiss towns] Gutzwiller F, et al. **Rev Epidemiol Sante Publique** 1985;33(2):103–7 (Eng. Abstr.) (Fre)

[Early exercise test following myocardial infarct: yes or no] Cananau S, et al. **Rev Med Suisse Romande** 1984 Sep;104(9):711–6 (Fre)

[Diagnosis of peripheral arterial insufficiency in the amateur athlete with claudication and the detection of 'the isolated iliac artery stenosis syndrome in young bicyclists with no risk factors' with the Doppler and rolling carpet test] Monti M, et al. **Rev Med Suisse Romande** 1984 Oct;104(10):823–30 (Fre)

[Indications and limitations of the exertion ECG in the diagnosis of left ventricular aneurysms] Gersbach P, et al.

Schweiz Med Wochenschr 1985 May 25;115(21):728–32 (Eng. Abstr.) (Fre)

[The anaerobic threshold. Its application in the evaluation of cardiorespiratory capacity under effort in high-caliber athletes] Kheder AB, et al. **Tunis Med** 1984 Nov;62(7):547–50 (Eng. Abstr.) (Fre)

[Performance capacity of children with growth retardation] Hinkel GK, et al. **Kinderarztl Prax** 1985 Jan;53(1):27–32 (Eng. Abstr.) (Ger)

[Ergometry—recommendations for the execution and evaluation of ergometric studies] **Klin Wochenschr** 1985 Jul 15;63(14):651–77 (49 ref.) (Ger)

[Respiratory regulation in healthy children and in children with cystic fibrosis in an exercise test] Kraemer R. **Prax Klin Pneumol** 1984 Jul;38(7):272–5 (Eng. Abstr.) (Ger)

[Transcutaneous determination of oxygen partial pressure in standardized stress and hyperoxia conditions in children] Lindemann H, et al. **Prax Klin Pneumol** 1984 Dec;38(12):545–8 (Eng. Abstr.) (Ger)

[Modification of adrenaline and noradrenaline levels by stress in air and oxygen breathing in patients with chronic obstructive ventilation disorders] Rühle KH, et al. **Prax Klin Pneumol** 1984 Dec;38(12):534–8 (Eng. Abstr.) (Ger)

[Ergometrically determined work capacity in chronic hemodialysis treatment] Keusch G, et al. **Schweiz Med Wochenschr** 1984 Sep 29;114(39):1326–30 (Eng. Abstr.) (Ger)

[The significance of ST elevation in the exercise ECG] Roelli H, et al. **Schweiz Med Wochenschr** 1985 May 11;115(19):644–50 (Eng. Abstr.) (Ger)

[Maximal aerobic capacity ans anaerobic threshold in 16-km runners] Marti B, et al. **Schweiz Z Sportmed** 1985 Jun;33(2):41–6 (Eng. Abstr.) (Ger)

[Psychological and physical performance standards of borderline hypertensive patients before and during treatment with propranolol] Bolland G, et al. **Z Gesamte Inn Med** 1984 Nov 1;39(21):520–2 (Eng. Abstr.) (Ger)

[Blood pressure and heart rate behavior of ergometrically stressed patients with and without beta receptor blocker] Freitag M, et al. **Z Gesamte Inn Med** 1985 Jan 1;40(1):20–2 (Eng. Abstr.) (Ger)

[Significance of isolated atrial stimulation as a stress test in comparison with bicycle ergometry] Hoffmann W, et al. **Z Gesamte Inn Med** 1985 Mar 15;40(6):176–80 (Eng. Abstr.) (Ger)

[Stress studies with dipyridamole in patients with coronary heart disease in comparison to coronary angiography, myocardial scintigraphy and ergometry findings] Krosse B, et al. **Z Gesamte Inn Med** 1984 Oct 1;39(19):469–73 (Eng. Abstr.) (Ger)

[Behavior of pulmonary artery pressure during ergometer stress in sitting position in patients with ischemic heart disease] Schaller K. **Z Gesamte Inn Med** 1984 Jul 15;39(14):346–8 (Eng. Abstr.) (Ger)

[Results and value of a submaximal and symptom-limited stress test in the 3d week following acute myocardial infarct] Schaller K, et al. **Z Gesamte Inn Med** 1984 Aug 1;39(15):365–7 (Eng. Abstr.) (Ger)

[Effects of diltiazem on rest and stress hemodynamics in coronary disease] Biamino G, et al. **Z Kardiol** 1984 Aug;73(8):504–9 (Eng. Abstr.) (Ger)

[201Thallium single photon emission computer tomography (SPECT) in the functional evaluation of coronary stenosis changes. Results of a comparison of stress scintigraphic and coronary angiographic findings] Büll U, et al. **Z Kardiol** 1984 May;73(5):313–20 (Eng. Abstr.) (Ger)

[Antihypertensive effect of nitrendipine, nifedipine and acebutolol and their combination on resting and exercise blood pressure in hypertensive patients] Franz IW, et al. **Z Kardiol** 1985 Feb;74(2):111–6 (Eng. Abstr.) (Ger)

[Significance of bicycle ergometry for the determination of the clinical severity of heart disease in pregnancy] Dohrn K. **Zentralbl Gynakol** 1985;107(8):478–84 (Eng. Abstr.) (Ger)

[Foot ergometry for functional evaluation in arterial occlusive disease of the legs] Romanoff H, et al. **Harefuah** 1984 Oct;107(7–8):173–4 (Eng. Abstr.) (Heb)

[Ergometry in ischemic cardiopathy] Cherchi A, et al. **Cardiologia** 1983 Dec;28(12):1065–85 (132 ref.) (Ita)

[Changes in the height of the R wave and behavior of the ST segment during the exercise test. Comparison with hemodynamic and coronarographic data] Egloff C, et al. **Cardiologia** 1984 Jul–Aug;29(7–8):367–77 (Eng. Abstr.) (Ita)

[The ergometry test in the elderly] Marchini L, et al. **G Clin Med** 1985 Mar–Apr;66(3–4):135–41 (Eng. Abstr.) (Ita)

[Essential arterial hypertension: influence of the hormonal pattern and the exercise test on hemorheology. Preliminary results] Cainai G, et al. **Minerva Cardioangiol** 1984 Dec;32(12):941–7 (Eng. Abstr.) (Ita)

[Variations in the duration of electromechanical systole and R wave voltage in normal subjects during dynamic exercise] Romano M, et al. **Minerva Cardioangiol** 1984 Jul–Aug;32(7–8):529–33 (Eng. Abstr.) (Ita)

[Clinical evaluation of exercise Thallium-201 whole body scintigraphy in ischemic heart disease] Kaneko K, et al. **Kaku Igaku** 1985 Feb;22(2):209–17 (Eng. Abstr.) (Jpn)

[Exercise stress myocardial imaging with thallium-201 in asymptomatic patients with left bundle branch block] Narita M, et al. **Kaku Igaku** 1984 Nov;21(11):1463–7 (Eng. Abstr.) (Jpn)

[The clinical value and limitation of exercise electrocardiography and exercise thallium-201 myocardial scintigraphy in the diagnosis of coronary artery disease, with special reference to single vessel disease] Fujioka T, et al. **Kokyu To Junkan** 1984 Dec;32(12):1293–9 (Eng. Abstr.) (Jpn)

[Ventilatory response during exercise in patients with ischemic heart disease] Kado T, et al. **Kokyu To Junkan** 1984 Aug;32(8):823–7 (Eng. Abstr.) (Jpn)

[Significance of redistribution of infarction sites in exercise thallium-201 scintigraphy] Kanno K, et al. **Kokyu To Junkan** 1984 Sep;32(9):925–30 (Eng. Abstr.) (Jpn)

[Reliability of cardiac output measurement during supine exercise using an earpiece densitometer] Komatsu E, et al. **Kokyu To Junkan** 1985 Mar;33(3):285–8 (Jpn)

[Investigation of the relationship between R-wave amplitude and left ventricular volume by exercise echocardiography] Mizutani Y, et al. **Kokyu To Junkan** 1985 Mar;33(3):351–7 (Eng. Abstr.) (Jpn)

[A study of exercise ECT] Nohara R, et al. **Kokyu To Junkan** 1984 Dec;32(12):1285–91 (Eng. Abstr.) (Jpn)

[Correlations between resting hemodynamics and exercise tolerance before and after prazosin therapy in patients with chronic congestive heart failure] Ogawa T, et al. **Kokyu To Junkan** 1985 Feb;33(2):171–7 (Eng. Abstr.) (Jpn)

[Evaluation of cardio-pulmonary function on maximal exercise test in normal school children] Okita K. **Kokyu To Junkan** 1984 Nov;32(11):1187–93 (Eng. Abstr.) (Jpn)

[Effects of exercise and the QT interval] Tabata Y, et al. **Kokyu To Junkan** 1984 Dec;32(12):1271–5 (Eng. Abstr.) (Jpn)

[Clinical significance of exercise-induced T wave normalization by Master two-step (comparison with stress myocardial scintigraphy)] Uruma M, et al. **Kokyu To Junkan** 1985 Feb;33(2):185–9 (Eng. Abstr.) (Jpn)

[Exercise testing for evaluating the preoperative conditions of general surgical patients] Hirokawa M, et al. **Masui** 1985 Apr;34(4):415–22 (Eng. Abstr.) (Jpn)

[Exercise stress testing in the evaluation of aorto-coronary bypass grafting] Kito Y, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Jan;33(1):25–31 (Eng. Abstr.) (Jpn)

[Usefulness and limitation of stress 201TL myocardial single photon emission computed tomography (SPECT) for diagnosis of ischemic heart disease] Futagami Y. **Nippon Naika Gakkai Zasshi** 1984 Nov;73(11):1630–42 (Jpn)

[Exercise test. b. Exercise ECG test in coronary disease] Sotohata I, et al. **Nippon Rinsho** 1984 Dec;42(12):2666–75 (35 ref.) (Jpn)

[The early ergometric test in acute myocardial infarction. The fall of another taboo] Bassan R. **Arq Bras Cardiol** 1984 Jun;42(6):381–6 (Por)

[Modified exercise test in the 3d week after acute myocardial infarction. Correlation of coronary cineangiography and follow-up] Bessa N, et al. **Arq Bras Cardiol** 1984 Jun;42(6):393–401 (Eng. Abstr.) (Por)

[Cross double-blind study with verapamil x placebo in ischemic heart disease with an ergometric test] Ribeiro JM, et al. **Arq Bras Cardiol** 1984 Aug;43(2):139–42 (Eng. Abstr.) (Por)

[Comparative evaluation of the importance of transesophageal electrical stimulation of the left atrium and bicycle ergometry in diagnosing ischemic heart disease] Sidorenko BA, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1984;7(2):16–20 (Eng. Abstr.) (Rus)

[Evaluation of the ECG T-wave changes during function tests of ischemic heart disease patients] Ianovskiĭ GV, et al. **Kardiologiia** 1985 Mar;25(3):31–4 (Eng. Abstr.) (Rus)

[Type of response reaction to the exercise test and mortality over a 6-year follow-up period in a male population over 40] Lipovetskiĭ BM, et al. **Kardiologiia** 1985 Feb;25(2):26–9 (Eng. Abstr.) (Rus)

[The bicycle ergometry test in the diagnosis of ischemic heart disease in women (a comparison with selective coronary angiographic data)] Sidorenko BA, et al. **Kardiologiia** 1984 Sep;24(9):62–8 (Eng. Abstr.) (Rus)

[Comparative study of the vegetative reactivity of the cardiovascular system in carotid-sinus and exercise tests] Karpov RS, et al. **Ter Arkh** 1984;56(12):45–8 (Eng. Abstr.) (Rus)

[Changes in ECG indicators during bicycle ergometry in patients having suffered myocardial infarction] Kheifets ZN. **Ter Arkh** 1984;56(8):32–4 (Eng. Abstr.) (Rus)

[Comparative study of the exercise tolerance of patients with autonomic circulatory dystonia, angina pectoris and previous myocardial infarction] Klenina IS, et al. **Ter Arkh** 1984;56(8):35–9 (Eng. Abstr.) (Rus)

[Use of a physical exertion test for the diagnosis of the sick sinus syndrome] Shul'man VA, et al. **Ter Arkh** 1985;57(4):116–9 (Eng. Abstr.) (Rus)

[Functional capability of the cardiovascular system in alcoholics] Corović N, et al. **Arh Hig Rada Toksikol** 1984 Dec;35(4):383–9 (Eng. Abstr.) (Scr)

[Respiratory function during physical loading] Kanceljak-Macan B, et al. **Lijec Vjesn** 1985 Jan;107(1):31–7 (Eng. Abstr.) (Scr)

[A rare case of paroxysmal supraventricular tachycardia during a stress test in a top-ranking athlete] Medved R, et al. **Lijec Vjesn** 1985 Jun;107(6):240–2 (Eng. Abstr.) (Scr)

[Comparative study of cardiac function using ergometry and radionuclide cardioventriculography] Mirić D, et al. **Lijec Vjesn** 1985 May;107(5):202–4 (Eng. Abstr.) (Scr)

[Computer-assisted ergometric study in cardiopulmonary diagnosis] Krištúfek P, et al. **Bratisl Lek Listy** 1985 Jan;83(1):68–74 (Eng. Abstr.) (Slo)

[The relative risk of ischemic heart disease, physical performance and prognosis in 40-to-55-year-old males in Bratislava] Mikeš Z, et al. **Bratisl Lek Listy** 1984 Sep;82(3):1069–76 (Eng. Abstr.) (Slo)

[Predictive value of the increase in diastolic arterial pressure during the exercise test in ischemic cardiopathy] Férez S, et al. **Arch Inst Cardiol Mex** 1984 Sep–Oct;54(5):471–9 (Eng. Abstr.) (Spa)

[Dynamic exercise and arterial hypertension. Evaluation of the behavior of mild and moderate-severe hypertensive patients] González Juanatey JR, et al. **Med Clin (Barc)** 1985 May 11;84(18):730–3 (Eng. Abstr.) (Spa)

[Functional aerobic capacity in valvular cardiopathy. Short-term (3 months) and medium-term (9 months) postoperative development] Alonso Gómez AM, et al. **Rev Esp Cardiol** 1984 May–Jun;37(3):161–8 (Eng. Abstr.) (Spa)

[Use of the exercise test to identify high-risk patients. Correlation with coronariography] Marín Huerta E, et al. **Rev Esp Cardiol** 1985 Mar–Apr;38(2):84–92 (Eng. Abstr.) (Spa)

[Evaluation of the exercise test with thallium for the clinical follow-up of patients undergoing percutaneous transluminal coronary angioplasty] Peraza C, et al. **Rev Esp Cardiol** 1985;38 Suppl 1:53–61 (Eng. Abstr.) (Spa)

[Systolic and diastolic arterial pressure gradients, in normotensive subjects, facing graded effort, according to age and sex groups] Gallardo ER, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1982;40(3–4):25–38 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

Exercise-induced myocardial infarction due to coronary thrombosis. Barold SS, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):590–3

Incidence and prognostic significance of symptomatic and asymptomatic exercise-induced ischemia in patients with recent myocardial infarction. Opasich C, et al. **Cardiology** 1984;71(5):284–91

Treadmill stress testing under beta-adrenoreceptor blockade [letter] Lehr D. **N Engl J Med** 1985 Mar 28;312(13):860

Acute coronary thrombus formation after stress testing following percutaneous transluminal coronary angioplasty. A case report. Przybojewski JZ, et al. **S Afr Med J** 1985 Mar 9;67(10):378–82

[Safety of the exercise test in severe left ventricular dysfunction during nuclear ventriculography] Goldhammer E, et al. **Harefuah** 1984 Dec 2;107(11):323–4 (Eng. Abstr.) (Heb)

[Coronary spasm during the exercise test. Report of a case] Alfieri RG, et al. **Arq Bras Cardiol** 1984 Nov;43(5):327–30 (Eng. Abstr.) (Por)

[Ventricular fibrillation during the ergometric test in a young woman with mitral valve prolapse. Report of a case] de Oliveira Júnior W, et al. **Arq Bras Cardiol** 1984 Oct;43(4):259–62 (Eng. Abstr.) (Por)

[Critical analysis of arrhythmias induced by an ergometric test] de Oliveira Júnior W, et al. **Arq Bras Cardiol** 1984 Dec;43(6):371–6 (Por)

[Risks in stress tests] Modrić B, et al. **Lijec Vjesn** 1985 May;107(5):198–201 (Eng. Abstr.) (Scr)

INSTRUMENTATION

Evaluation of commercially available heart rate monitors. Humen DP, et al. **Can Med Assoc J** 1984 Sep 15;131(6):585–8

Evaluation of a microprocessor-controlled exercise testing system. Jones NL. **J Appl Physiol** 1984 Nov;57(5):1312–8

Compliance and comfort in exertional electrocardiography. Campbell GD. **S Afr Med J** 1985 Jul 20;68(2):66–7

METHODS

Comparison of effects of isometric and supine bicycle exercise on left ventricular performance in patients with aortic regurgitation and normal ejection fraction at rest. Shen WF, et al. **Am Heart J** 1985 Jun;109(6):1300–5

Value and limitations of exercise radionuclide angiography for detecting myocardial ischemia in healed myocardial infarction. Plotnick GD, et al. **Am J Cardiol** 1985 Jul 1;56(1):1–7

A simple, valid step test for estimating maximal oxygen uptake in epidemiologic studies. Siconolfi SF, et al. **Am J Epidemiol** 1985 Mar;121(3):382–90

Exercise testing in the evaluation of diffuse interstitial lung disease. Anderson SD, et al. **Aust NZ J Med** 1984 Oct;14(5

Suppl 3):762–8

A simple guide to clinical exercise testing. Anderson SD. **Aust NZ J Med** 1984 Oct;14(5 Suppl 3):803–6

Indirect measurement of blood pressure during exercise testing can be misleading. Gould BA, et al. **Br Heart J** 1985 Jun;53(6):611–5

Predictability of VO2 max from submaximal cycle ergometer and bench stepping tests. Fitchett MA. **Br J Sports Med** 1985 Jun;19(2):85–8

The 6-minute walk: a new measure of exercise capacity in patients with chronic heart failure. Guyatt GH, et al. **Can Med Assoc J** 1985 Apr 15;132(8):919–23

Low-level exercise testing after myocardial infarction: usefulness in enhancing clinical risk stratification. Krone RJ, et al. **Circulation** 1985 Jan;71(1):80–9

Superiority of supine bicycle over isometric handgrip exercise in the assessment of ischemic heart disease: an evaluation of left ventricular ejection fraction response using radionuclide angiography. Kaul S, et al. **Clin Cardiol** 1984 Oct;7(10):547–53

New Britain cardiac rehabilitation: thirteen years' experience. Leach CN Jr, et al. **Conn Med** 1984 Oct;48(10):625–9, 633

Diagnostic value of computerized exercise testing in men without previous myocardial infarction. A multivariate, compartmental and probabilistic approach. Detry JM, et al. **Eur Heart J** 1985 Mar;6(3):227–38

Stress testing in persons above the age of 65 years: applicability and diagnostic value of a standardized maximal symptom-limited testing protocol. Gaul G. **Eur Heart J** 1984 Nov;5 Suppl E:51–3

A comparison of the Naughton and modified Bruce treadmill exercise protocols in their ability to detect ischaemic abnormalities six weeks after myocardial infarction. Handler CE, et al. **Eur Heart J** 1984 Sep;5(9):752–5

Exercise electrocardiography using rowing ergometry suitable for leg amputees. van Alsté JA, et al. **Int Rehabil Med** 1985;7(1):1–5

The hemodynamic and physiologic differences between exercise modalities. McConnell TR, et al. **J Sports Med Phys Fitness** 1984 Sep;24(3):238–45

A simple method of exercise testing patients with ventilatory impairment on the bicycle ergometer. Connolly CK. **Respiration** 1985;47(2):114–9

A self paced treadmill walking test for breathless patients. Beaumont A, et al. **Thorax** 1985 Jun;40(6):459–64

[Work test in acquired heart valve defects] Terzieva L, et al. **Vutr Boles** 1984;23(6):40–8 (Eng. Abstr.) **(Bul)**

[New criteria for a positive exercise test] Lesbre JP, et al. **Ann Cardiol Angeiol (Paris)** 1985 Apr 30;34(4 Pt 2):283–6 (Eng. Abstr.) **(Fre)**

[Exertion isotope tests in coronary insufficiency. Comparison with isotopic ventriculography and myocardial scintigraphy] Amor M, et al. **Arch Mal Coeur** 1985 Jan;78(1):55–64 (Eng. Abstr.) **(Fre)**

[Value of a brief ergometric test in the functional evaluation of chronic bronchopneumopathy] Maillard D, et al. **Rev Pneumol Clin** 1985;41(2):129–34 (Eng. Abstr.) **(Fre)**

[Short-term-interval stress following corrective operations in tetralogy of Fallot] Steil E, et al. **Klin Padiatr** 1984 Jul–Aug;196(4):214–23 (Eng. Abstr.) **(Ger)**

[Modified exercise testing in patients recovering from acute myocardial infarction] Benhorin J, et al. **Harefuah** 1985 Jan 15;108(2):87–90 **(Heb)**

[Discriminant function analysis using treadmill exercise test variables to predict the presence and extent of coronary artery disease: a new diagnostic approach by a point score system] Hosaka T. **Nippon Naika Gakkai Zasshi** 1984 May;73(5):614–21 **(Jpn)**

[Hemodynamic responses, platelet functions, prostaglandin activities and catecholamine release during angina induced by stress testing—the comparison of changes between treadmill and pacing stress testing] Satomura K. **Nippon Naika Gakkai Zasshi** 1985 Mar;74(3):287–96 **(Jpn)**

[Cardiac arrhythmias in master's two-step test] Morita Y, et al. **Rinsho Byori** 1984 Aug;32(8):919–22 **(Jpn)**

[Total isometric exercise in the diagnosis of ischemic heart disease] Shimelis IV, et al. **Kardiologiia** 1984 Dec;24(12):85–7 **(Rus)**

[Clinical importance of 99mTc-pyrophosphate scintigraphy in the bicycle ergometry test] Vinogradov AV, et al. **Kardiologiia** 1985 May;25(5):9–14 (Eng. Abstr.) **(Rus)**

PSYCHOLOGY

Exercise testing to enhance wives' confidence in their husbands' cardiac capability soon after clinically uncomplicated acute myocardial infarction. Taylor CB, et al. **Am J Cardiol** 1985 Mar 1;55(6):635–8

STANDARDS

Influence of R-wave amplitude on exercise-induced ST depression: need for a 'gain factor' correction when interpreting stress electrocardiograms. Hollenberg M, et al. **Am J Cardiol** 1985 Jul 1;56(1):13–7

Normal standards for an incremental progressive cycle ergometer test. Jones NL, et al. **Am Rev Respir Dis** 1985 May;131(5):700–8

Clinical value of exercise testing in elderly patients. Pool J, et al. **Eur Heart J** 1984 Nov;5 Suppl E:47–50

A standardised method of estimating KCO on exercise. Neville E, et al. **Thorax** 1984 Nov;39(11):823–7

[A fundamental and clinical study on treadmill exercise testing] Kubota K. **Nippon Ika Daigaku Zasshi** 1984 Dec;51(6):726–37 (Eng. Abstr.) **(Jpn)**

EXERCISE THERAPY

Exercise treatment in diabetes mellitus. Björntorp P, et al. **Acta Med Scand** 1985;217(1):3–7 (22 ref.)

The effect of acute and chronic exercise on thyroid hormones in obesity. Krotkiewski M, et al. **Acta Med Scand** 1984;216(3):269–75

Ventilatory response to exercise in cystic fibrosis [letter] Canny GJ. **Acta Paediatr Scand** 1985 May;74(3):451–2

The effectiveness of a low lipid diet and exercise in the management of coronary artery disease. Ribeiro JP, et al. **Am Heart J** 1984 Nov;108(5):1183–9

Medically directed at-home rehabilitation soon after clinically uncomplicated acute myocardial infarction: a new model for patient care. DeBusk RF, et al. **Am J Cardiol** 1985 Feb 1;55(4):251–7

The case for exercise [letter] Fletcher GF. **Am J Cardiol** 1984 Oct 1;54(7):938

Changes in rest and exercise myocardial perfusion and left ventricular function 3 to 26 weeks after clinically uncomplicated acute myocardial infarction: effects of exercise training. Hung J, et al. **Am J Cardiol** 1984 Nov 1;54(8):943–50

Role of physical activity as a secondary intervention for healed myocardial infarction. Naughton J. **Am J Cardiol** 1985 Apr 26;55(10):21D–26D

Usefulness of exercise [letter] Russo JV. **Am J Cardiol** 1984 Oct 1;54(7):938

Early exercise training in patients older than age 65 years compared with that in younger patients after acute myocardial infarction or coronary artery bypass grafting. Williams MA, et al. **Am J Cardiol** 1985 Feb 1;55(4):263–6

Effects of exercise on riboflavin requirements: biological validation in weight reducing women. Belko AZ, et al. **Am J Clin Nutr** 1985 Feb;41(2):270–7

Effect of aerobic exercise training on patients with systemic arterial hypertension. Cade R, et al. **Am J Med** 1984 Nov;77(5):785–90

Deceleration of self-injurious and stereotypic responding by exercise. Baumeister AA, et al. **Appl Res Ment Retard** 1984;5(3):385–93

Effects of exercise on the physical fitness, intelligence, and adaptive behavior of institutionalized mentally retarded adults. Tomporowski PD, et al. **Appl Res Ment Retard** 1984;5(3):329–37

A randomized trial of the effects of exercise training after coronary artery bypass surgery. Froelicher V, et al. **Arch Intern Med** 1985 Apr;145(4):689–92

Exercise or overloading: effect on skeletal muscle grafts of rats. Mong FS, et al. **Arch Phys Med Rehabil** 1985 Jul;66(7):439–42

Postmenopausal spinal osteoporosis: flexion versus extension exercises. Sinaki M, et al. **Arch Phys Med Rehabil** 1984 Oct;65(10):593–6

Symposium on cardiac rehabilitation. **Clin Sports Med** 1984 Apr;3(2): 295–563

Chronic adaptations to physical conditioning in cardiac patients. Implications regarding exercise trainability. Franklin BA, et al. **Clin Sports Med** 1984 Apr;3(2):471–512 (168 ref.)

Safety of outpatient cardiac exercise programs. Issues regarding medical supervision. Haskell WL. **Clin Sports Med** 1984 Apr;3(2):455–69 (37 ref.)

Evaluating the cardiac patient for exercise therapy. Role of exercise testing. Hellerstein HK, et al. **Clin Sports Med** 1984 Apr;3(2):371–93 (33 ref.)

Contributions of exercise clinical trials to cardiac rehabilitation. Naughton J. **Clin Sports Med** 1984 Apr;3(2):545–57 (17 ref.)

Compliance and motivation in cardiac exercise programs. Oldridge NB, et al. **Clin Sports Med** 1984 Apr;3(2):443–54 (25 ref.)

Exercise, education, and counseling for patients with coronary artery disease. Sivarajan ES, et al. **Clin Sports Med** 1984 Apr;3(2):349–69 (104 ref.)

Early ambulation after myocardial infarction. The in-patient exercise program. Wenger NK. **Clin Sports Med** 1984 Apr;3(2):333–48

Exercise programs for asthmatic children. King JT, et al. **Compr Ther** 1984 Nov;10(11):67–71

Physical training in patients after myocardial infarction. Review article. Stolz I, et al. **Cor Vasa** 1984;26(3):229–34

Effect of chronic exercise on certain aspects of hormonal function in obesity. Komorowski JM, et al. **Endokrynol Pol** 1984;35(3):157–63

Comparative response of male and female patients with coronary artery disease to exercise rehabilitation. O'Callaghan WG, et al. **Eur Heart J** 1984 Aug;5(8):649–51

Blood pressure and hormonal responses to aerobic exercise. Kiyonaga A, et al. **Hypertension** 1985 Jan–Feb;7(1):125–31

A randomized trail of the effects of 1 year of exercise training on computer-measured ST segment displacement in patients with coronary artery disease. Myers J, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1094–102

The management of primary acetabular dysplasia. Its association with habitual side-lying. Heikkilä E, et al. **J Bone Joint Surg [Br]** 1985 Jan;67(1):25–8

Metabolic consequences of dieting and exercise in the treatment of obesity. Donahoe CP Jr, et al. **J Consult Clin Psychol** 1984 Oct;52(5):827–36

Role of exercises in the Milwaukee brace treatment of scoliosis. Carman D, et al. **J Pediatr Orthop** 1985 Jan-Feb;5(1):65–8

Can aerobic exercise relieve the symptoms of premenstrual syndrome (PMS)? Canty AP. **J Sch Health** 1984 Nov;54(10):410–1 (20 ref.)

Pain free physical training in intermittent claudication. Boyd CE, et al. **J Sports Med Phys Fitness** 1984 Jun;24(2):112–22

Differential effects of exercise on serum lipid and lipoprotein levels seen with changes in body weight. A meta-analysis. Tran ZV, et al. **JAMA** 1985 Aug 16;254(7):919–24

Perineal muscle function after childbirth. Gordon H, et al. **Lancet** 1985 Jul 20;2(8447):123–5

The application of muscle endurance training techniques to the respiratory muscles in COPD. Aldrich TK. **Lung** 1985;163(1):15–22 (43 ref.)

Symposium on medical aspects of exercise. **Med Clin North Am** 1985 Jan;69(1):1–214

Exercise and hypertension. McMahon M, et al. **Med Clin North Am** 1985 Jan;69(1):57–70 (98 ref.)

Diabetes and exercise. Zinman B, et al. **Med Clin North Am** 1985 Jan;69(1):145–57 (44 ref.)

Hysterectomy: postoperative exercise [letter] **Med J Aust** 1985 Aug 5;143(3):129

Hysterectomy: postoperative exercise [letter] Morrissey M. **Med J Aust** 1985 Jun 10;142(12):663

Endurance exercise modifies cachexia of tumor growth in rats. Deuster PA, et al. **Med Sci Sports Exerc** 1985 Jun;17(3):385–92

Changes in plasma opioid concentrations after physiotherapeutic exercises for arthritic patients. Jones CA, et al. **Neuropeptides** 1985 Feb;5(4–6):561–2

Vestibular training after sudden loss of vestibular functions. Takemori S, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(2):76–83

Fluidotherapy and exercise in the management of sickle cell anemia. A clinical report. Alcorn R, et al. **Phys Ther** 1984 Oct;64(10):1520–2

Electromyography results of exercise overflow in hemiplegic patients. Mills VM, et al. **Phys Ther** 1985 Jul;65(7):1041–5

Exercise prescription. Not just for cardiac patients. Birrer RB. **Postgrad Med** 1985 Jan;77(1):219–27, 230

Exercise therapy for anxiety and depression. 2. What are the specific considerations for clinical application? Mellion MB. **Postgrad Med** 1985 Feb 15;77(3):91–3, 95, 98 (20 ref.)

The effects of an exercise program on selected risk factors to coronary heart disease in children [letter] Bryant JG, et al. **Soc Sci Med** 1984;19(7):765–6

Physical activity in human hypertension. A mechanistic approach. Kenney WL, et al. **Sports Med** 1984 Nov-Dec;1(6):459–73 (108 ref.)

Development of a cardiac rehabilitation programme for children. Vaccaro P, et al. **Sports Med** 1984 Jul-Aug;1(4):259–62

Prescribing exercise. Goldberg L, et al. **West J Med** 1984 Sep;141(3):383–6

A treatment for enuresis [letter] Reiner EW. **West J Med** 1985 Jul;143(1):113

[Ten-year study on the treatment of chronic cor pulmonale with therapeutic exercise] Yang Y. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Jun;7(3):134–6, 190 (Eng. Abstr.) **(Chi)**

[Functional exercises of the upper limbs after radical mastectomy] Zhang BN. **Chung Hua Hu Li Tsa Chih** 1984 Aug;19(4):207–10 **(Chi)**

[Motor development in schoolchildren. When is treatment required?] Michelsen N, et al. **Ugeskr Laeger** 1984 May 14;146(20):1507–11 (Eng. Abstr.) **(Dan)**

[Treatment of acute and chronic back pain with muscular exercises] Plum P, et al. **Ugeskr Laeger** 1985 May 13;147(20):1604–11 (Eng. Abstr.) **(Dan)**

[Additional inspiratory load and respiratory muscle training (letter)] Vandevenne A, et al. **Presse Med** 1985 Mar 2;14(9):551 **(Fre)**

[Effect of 24-day exercise therapy on induced thrombocyte aggregation in peripheral arterial occlusive disease in Fontaine stage II] Siostrzonek P, et al. **Wien Klin Wochenschr** 1985 Jan 18;97(2):76–83 (Eng. Abstr.) **(Ger)**

[Effect of an inpatient exercise therapy program on the R and RS amplitude in the stress ECG] Tahy A, et al. **Z Gesamte Inn Med** 1984 Aug 1;39(15):362–5 (Eng. Abstr.) **(Ger)**

[Myogeloses, their pathogenesis and their lymph drainage, heat and exercise therapy] Asdonk J. **Z Lymphol** 1985 Jun;9(1):30–7 (Eng. Abstr.) **(Ger)**

[Rehabilitation of stage II peripheral arteriopathies] Bartolo M, et al. **Clin Ter** 1985 Jun 30;113(6):443–6 (Eng. Abstr.) **(Ita)**

[Muscle training of the patients during mechanical ventilation] Miyagi S. **Kokyu To Junkan** 1985 Jun;33(6):722–9 **(Jpn)**

[Rehabilitation exercises as a method of preventing polyneuropathies after vincristine treatment] Zelasko K, et al. **Acta Haematol Pol** 1984 Jan–Jun;15(1–2):21–5 (Eng. Abstr.) **(Pol)**

[Health-resort treatment of backache in the lumbosacral region without neurological symptoms] Zuk T, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(3):275–9 (Eng. Abstr.) **(Pol)**

[Post-exercise dynamics of left-ventricular contraction in the evaluation of the results of kinesitherapy of patients with primary arterial hypertension at a health resort] Markiewicz K, et al. **Kardiol Pol** 1984;27(8):687-96 (Eng. Abstr.) (Pol)

[Effect of sanatorium rehabilitation of patients after myocardial infarct on various echocardiographic parameters reflecting the inotropic state of the myocardium] Wysokiński A, et al. **Kardiol Pol** 1984; 27(5):367-74 (Eng. Abstr.) (Pol)

[Role of exercise therapy in the prevention of lumbosacral backache in textile industry workers] Split W, et al. **Med Pr** 1984;35(6):465-9 (Eng. Abstr.) (Pol)

[Effect of kinesitherapy on pulmonary ventilation in children with congenital heart defects after operations under extracorporeal circulation] Paulisz J, et al. **Pediatr Pol** 1984 Sep;59(9):771-7 (Eng. Abstr.) (Pol)

[Effect of 6-month motor rehabilitation on pulmonary ventilation after cardiosurgical operations] Petelenz T, et al. **Pol Arch Med Wewn** 1985 Feb;73(2):103-11 (Eng. Abstr.) (Pol)

[Effect of exercise therapy on basic spirometric indicators in children with asthma treated at a seaside health resort] Alkiewicz J, et al. **Pol Tyg Lek** 1984 May 14;39(20):669-71 (Eng. Abstr.) (Pol)

[Circulatory efficiency in patients after myocardial infarction during exercise rehabilitation in the health resort] Stepień Z. **Pol Tyg Lek** 1984 Nov 12;39(46):1501-4 (Eng. Abstr.) (Pol)

[Exercise polycardiography in the evaluation of the effectiveness of sanatorium rehabilitation of patients with coronary disease] Wysokiński A, et al. **Pol Tyg Lek** 1984 Dec 10;39(50):1647-50 (Eng. Abstr.) (Pol)

[Necessity and usefulness of kinetic rehabilitation of children and adolescents with neoplasms—preliminary report] Kluba L, et al. **Probl Med Wieku Rozwoj** 1984;13:110-6 (Eng. Abstr.) (Pol)

[Value of the sanatorium treatment of neurological complications of arteriosclerosis] Brzecki A, et al. **Przegl Lek** 1984;41(12):691-4 (Eng. Abstr.) (Pol)

[Parameters of left-ventricular function in patients with acute myocardial infarction during early kinesitherapy] Petelenz T, et al. **Przegl Lek** 1984;41(11):655-60 (Eng. Abstr.) (Pol)

[Effect of controlled exercise on atrial electrocardiographic findings in patients after myocardial infarct during rehabilitation treatment at a sanatorium] Markiewicz M, et al. **Wiad Lek** 1984 Apr 1;37(7):489-95 (Eng. Abstr.) (Pol)

[Selected problems of the physical rehabilitation of patients with ischemic heart disease] Wysokiński A. **Wiad Lek** 1984 Sep 1;37(17):1383-9 (Eng. Abstr.) (Pol)

[Effect of intensive physical training on the hospital stage of the rehabilitation of patients with macrofocal myocardial infarct] Al'khimovich VM, et al. **Kardiologiia** 1985 May; 25(5):61-6 (Eng. Abstr.) (Rus)

[Effect of long-term intensive physical training on adrenocortical function of patients with a history of myocardial infarct] Gogokhniia ND. **Kardiologiia** 1985 Feb; 25(2):91-2 (Rus)

[Use of nitroglycerin during the training of patients with exertion angina] Gorbachenkov AA, et al. **Kardiologiia** 1984 Sep;24(9):73-6 (Rus)

[Central hemodynamic changes during graded physical training of patients with a history of myocardial infarct] Illarionova NM. **Kardiologiia** 1985 Feb;25(2):15-9 (Rus)

[Changes in oxygen consumption during physical training of patients with post-infarction cardiosclerosis] Vasil'ev AP. **Klin Med (Mosk)** 1984 Oct;62(10):41-4 (Rus)

[Role of therapeutic physical exercise in the combined treatment of children with obesity] Ulanova LN, et al. **Pediatriia** 1985 Apr;(4):66 (Rus)

[Effect of physical training in ischemic heart disease] Siluianova VA, et al. **Sov Med** 1985;(4):8-15 (Eng. Abstr.) (Rus)

[Role of medical gymnastics and massage in the combined treatment of children with congenital cleft lip and palate] Kolkov PT, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr; 64(2):64-6 (Eng. Abstr.) (Rus)

[Effectiveness of rehabilitation measures in patients with acute focal myocardial dystrophy] Romanov AI, et al. **Ter Arkh** 1984;56(11):17-9 (Rus)

[Medical gymnastics for prostatic adenoma patients] Mazin VV, et al. **Urol Nefrol (Mosk)** 1985 Mar-Apr;(2):29-31 (Eng. Abstr.) (Rus)

[Therapeutic gymnastics, massage and self-massage in dermatological practice] Anton'ev AA, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May-Jun; (3):34-7 (Eng. Abstr.) (Rus)

[Changes in physical work capacity of patients with myocardial infarction under the effect of graded bicycle training with preliminary action of magnetic field] Ezhova LV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan-Feb;(1):58-9 (Rus)

[Effectiveness of physical therapy methods in young persons who had suffered cerebral infarct] Karepov vG. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov-Dec; (6):51-2 (Rus)

[Therapeutic physical exercise in the combined therapy of ureterolithiasis patients at Truskavets health resort] Shologon RP. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Jul-Aug;(4):49-50 (Rus)

[Low-intensity physical training in the treatment of patients with ischemic heart disease] Vykhodtsev AN, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar-Apr; (2):46-9 (Eng. Abstr.) (Rus)

[Late results of using graded swimming for patients with a history of myocardial infarct] Akhmedzhanov MIu, et al. **Vrach Delo** 1984 Nov;(11):13-5 (Rus)

[Physical loads in the rehabilitative treatment of women with chronic nonspecific lung diseases] Klapchuk VV. **Vrach Delo** 1985 May;(5):45-7 (Eng. Abstr.) (Rus)

[Energy characteristics of the movement routines of ischemic heart disease patients] Prevarskiĭ BP. **Vrach Delo** 1984 Dec; (12):53-6 (Eng. Abstr.) (Rus)

[Effect of therapeutic physical exercise on microcirculatory function in ischemic heart disease patients] Roĭ IV, et al. **Vrach Delo** 1984 Nov;(11):11-3 (Eng. Abstr.) (Rus)

[Use of psychomotor therapy in psychiatric institutions] Bacúrová E. **Cesk Psychiatr** 1985 Feb;81(1):15-9 (Eng. Abstr.) (Slo)

INSTRUMENTATION

[Treatment of flexion deformities of the fingers using a joint jack] Carozzi S, et al. **Chir Ital** 1983 Oct;35(5):811-5 (Eng. Abstr.) (Ita)

[Stand for evaluating muscular efficiency and for exercises of the knee joint] Siwek W, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(5):487-9 (Eng. Abstr.) (Pol)

[A hip stabilizer] Beliakov AA. **Ortop Travmatol Protez** 1984 Nov;(11):64-5 (Rus)

METHODS

Electromyographic patterns accompanying isokinetic exercise under varying speed and sequencing conditions. Osternig LR, et al. **Am J Phys Med** 1984 Dec;63(6):289-97

Therapeutic value of graded aerobic exercise training in rheumatoid arthritis. Harkcom TM, et al. **Arthritis Rheum** 1985 Jan;28(1):32-9

Therapeutic exercise. Dickinson A, et al. **Clin Sports Med** 1985 Jul;4(3):417-29

Distance running and cardiac rehabilitation: physiologic and psychosocial considerations. Kavanagh T. **Clin Sports Med** 1984 Apr;3(2):513-26 (81 ref.)

Exercise prescription for the cardiac patient: an update. Pollock ML, et al. **Clin Sports Med** 1984 Apr;3(2):425-42 (72 ref.)

Exercises for spinal deformity. Schock CC. **J Arkansas Med Soc** 1984 Nov;81(6):309-13

A simple cure for tennis elbow [letter] White AD. **Med J Aust** 1985 Sep 16;143(6):266

Exercise and mobility in arthritis. Banwell BF. **Nurs Clin North Am** 1984 Dec;19(4):605-16

Kegel's exercises with biofeedback therapy for treatment of stress incontinence. Burns PA, et al. **Nurse Pract** 1985 Feb; 10(2):28, 33-4, 46

Rehabilitation of anterior cruciate ligament injuries. Blackburn TA Jr. **Orthop Clin North Am** 1985 Apr; 16(2):241-69

Effectiveness of repeated prolonged loading for increasing flexion in knees demonstrating postoperative stiffness. A clinical report. Bohannon RW, et al. **Phys Ther** 1985 Apr; 65(4):494-6

Positioning technique for abdominal strengthening. Suggestion from the field. Figura JC. **Phys Ther** 1985 Jan; 65(1):45

[Functional reeducation of the perineum by the intermittent static contraction method] Lehmans JM. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):903-9 (Eng. Abstr.) (Fre)

[In-hospital physical rehabilitation of patients according to the 'A' model (our modification) after surgical treatment of ischemic heart disease] Tomaszewska L, et al. **Kardiol Pol** 1984;27(6):457-65 (Eng. Abstr.) (Pol)

[Physical training of ischemic heart disease patients: basic achievements and prospects] Aronov DM, et al. **Kardiologiia** 1985 Feb;25(2):5-10 (22 ref.) (Rus)

[Method of therapeutic physical exercises in industry for patients suffering from hypertension] Bogomolov AN, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Jul-Aug; (4):25-8 (Eng. Abstr.) (Rus)

PSYCHOLOGY

Specific efficacy expectations mediate exercise compliance in patients with COPD. Kaplan RM, et al. **Health Psychol** 1984;3(3):223-42

TRENDS

[Exercise therapy—a branch of clinical medicine] Moshkov VN. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar-Apr; (2):65-7 (Rus)

UTILIZATION

[Sports and exercise therapy in rehabilitation—an empirical survey of requirements for sport teachers] Schüle K, et al. **Off Gesundheitswes** 1984 Dec;46(12):603-7 (Ger)

EXERTION

see related
FATIGUE
SPORTS
WORK

Effect of a calcium antagonist: verapamil on resting blood pressure and pressor response to dynamic exercise. Herpin D, et al. **Acta Cardiol (Brux)** 1985;40(3):277-90

Effects of exercise to exhaustion in rat myocardium. A stereological study. Lucena MC, et al. **Acta Cardiol (Brux)** 1984;39(6):463-77

Functional significance of coronary collateral vessels during exercise evaluated by radionuclide angiocardiography: the importance of supplying arteries. Sugishita Y, et al. **Acta Cardiol (Brux)** 1984;39(4):273-83

Cholinergic urticaria with anaphylaxis induced by exercise or heating. Baadsgaard O, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):344-6

Beta receptors in peripheral mononuclear cells increase acutely during exercise. Burman KD, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):563-8

Body temperature elevation, exercise and serum prolactin concentrations. Christensen SE, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):458-62

Characterization of growth hormone release in response to external heating. Comparison to exercise induced release. Christensen SE, et al. **Acta Endocrinol (Copenh)** 1984 Nov; 107(3):295-301

Human and porcine insulins are equally effective in the regulation of glucose kinetics of diabetic patients during exercise. Koivisto VA, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):500-5

Adaptation to maximal effort: genetics vs. environment. A case history. DeMeersman RE, et al. **Acta Genet Med Gemellol (Roma)** 1984;33(4):565-70

Exercise treatment in diabetes mellitus. Björntorp P, et al. **Acta Med Scand** 1985;217(1):3-7 (22 ref.)

Glucose tolerance and physical activity in a health survey of middle-aged subjects. Cederholm J, et al. **Acta Med Scand** 1985;217(4):373-8

Improved cardiac performance during exercise following hydralazine treatment in chronic heart failure. Conradson TB, et al. **Acta Med Scand** 1984;216(1):41-5

The etiology of 'sports anemia'. A physiological adaptation of the oxygen-dissociation curve of hemoglobin to an unphysiological exercise load [editorial] Hallberg L, et al. **Acta Med Scand** 1984;216(2):147-8

Blood pressure in children, measured at rest and during exertion. Hansen HS, et al. **Acta Med Scand [Suppl]** 1985; 693:47-50

Evaluation of instruments for measuring grip strength. Solgaard S, et al. **Acta Orthop Scand** 1984 Oct;55(5):569-72

Nasal mucosa reaction, catecholamines and lactate during physical exercise. Juto JE, et al. **Acta Otolaryngol (Stockh)** 1984 Nov-Dec;98(5-6):533-42

Nasal mucosal blood flow at rest and during exercise. Paulsson B, et al. **Acta Otolaryngol (Stockh)** 1985 Jan-Feb; 99(1-2):140-3

The effect of exercise and fasting on the myocardial protein and lipid metabolism in experimental bacterial myocarditis. Ilbäck NG, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Jul; 92(4):195-204

The effect of acoustic stimulus of different continuity pattern on plasma concentration of catecholamines in humans during submaximal exercise. Buczyński A, et al. **Acta Physiol Pol** 1983 Sep-Dec;34(5-6):595-600

Effect of breathing of a helium-oxygen mixture on the adaptation of the organism to exercise. Debiński W, et al. **Acta Physiol Pol** 1984 May-Jun;35(3):285-92

Relationship between electrical skin resistance and rectal temperature in man during physical exercise. Grucza R. **Acta Physiol Pol** 1984 May-Jun;35(3):293-8

Utilization of glucose during exercise in relation of meal-timing. Kochman E, et al. **Acta Physiol Pol** 1984 May-Jun;35(3):257-63

Relationship between plasma volume reduction and plasma electrolyte changes after prolonged bicycle exercise, passive heating and diuretic dehydration. Kubica R, et al. **Acta Physiol Pol** 1983 Sep-Dec;34(5-6):569-79

Adaptation of the circulatory system to frequently repeated submaximal workloads in the light of left ventricular contraction analysis. Markiewicz K, et al. **Acta Physiol Pol** 1983 Sep-Dec;34(5-6):581-93

Metabolic adaptation of muscles to exercise, vibration and raised temperature under the influence of cernitins. Sawicka TJ, et al. **Acta Physiol Pol** 1984 Mar-Apr;35(2):141-50

Cardiovascular responses to face immersion and apnea during steady state muscle exercise. A heart catheterization study on humans. Bjertnaes L, et al. **Acta Physiol Scand** 1984 Apr;120(4):605-12

Effects of hyperoxia and hypoxia on dynamic and sustained static performance of the human quadriceps muscle. Eiken O, et al. **Acta Physiol Scand** 1984 Dec;122(4):629-33

Enzyme levels in pools of microdissected human muscle fibres of identified type. Adaptive response to exercise. Essén-Gustavsson B, et al. **Acta Physiol Scand** 1984 Apr; 120(4):505-15

Role of airway resistance in the control of ventilation during exercise. Hesser CM, et al. **Acta Physiol Scand** 1984 Apr; 120(4):557-65

Leg citrate metabolism at rest and during exercise in relation to diet and substrate utilization in man. Jansson E, et al. **Acta Physiol Scand** 1984 Oct;122(2):145-53

Breathing pattern and occlusion pressure during moderate and heavy exercise. Lind F, et al. **Acta Physiol Scand** 1984 Sep;122(1):61-9

Endurance training augments the stimulatory effect of epinephrine on oxygen consumption in perfused skeletal muscle. Richter EA, et al. **Acta Physiol Scand** 1984 Apr; 120(4):613-5

Buffer capacity and lactate accumulation in skeletal muscle of trained and untrained men. Sahlin K, et al. **Acta Physiol Scand** 1984 Nov;122(3):331-9

Skeletal muscle sympathetic activity at rest in trained and untrained subjects. Svedenhag J, et al. **Acta Physiol Scand** 1984 Apr;120(4):499-504

Electromyographic activity related to aerobic and anaerobic threshold in ergometer bicycling. Viitasalo JT, et al. **Acta Physiol Scand** 1985 Jun;124(2):287-93

Muscle glycogen depletion patterns in type I and subgroups of type II fibres during prolonged severe exercise in man. Vøllestad NK, et al. **Acta Physiol Scand** 1984 Dec; 122(4):433-41

Physical performance and muscle metabolism during beta-adrenergic blockade in man. Kaiser P. **Acta Physiol Scand [Suppl]** 1984;536:1-53

Respiratory drive and breathing pattern during exercise in man. Lind FG. **Acta Physiol Scand [Suppl]** 1984;533:1-47

Reaction of human organism to exercise. I. Theoretical part. Rybka J, et al. **Acta Univ Carol [Med] (Praha)** 1984; 30(5-6):251-95

Reaction of human organism to exercise. III. Biochemical response to physical loading. Rybka J, et al. **Acta Univ Carol [Med] (Praha)** 1984;30(5-6):387-441

Reaction of human organism to exercise. II. Experimental part. Rybka J, et al. **Acta Univ Carol [Med] (Praha)** 1984; 30(5-6):297-386

Improvement of physical performance by transcutaneous nerve stimulation in athletes. Kaada B. **Acupunct Electrother Res** 1984;9(3):165-80

Determination of pulmonary parameters (VA, DLO2) from arterial O2 and CO2 partial pressures during exercise. Mertzlufft F, et al. **Adv Exp Med Biol** 1984;180:393-402

Effects of selective thromboxane synthetase inhibitor OKY-046 on plasma prostaglandins in patients with coronary artery disease during exercise. Shikano M, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:375-7

Positive treadmill stress tests post myocardial infarction in patients with single-vessel coronary disease. Adams K, et al. **Am Heart J** 1985 Feb;109(2):251-8

Effects of nadolol on the spontaneous and exercise-provoked heart rate of patients with chronic atrial fibrillation receiving stable dosages of digoxin. DiBianco R, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1121-7

The relation between myocardial ischemia and the ejection fraction response to exercise in patients with normal or abnormal resting left ventricular function. Iskandrian AS, et al. **Am Heart J** 1985 Jun;109(6):1253-8

Atenolol, nadolol, and pindolol in angina pectoris on effort: effect of pharmacokinetics. Kostis JB, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1131-6

Exercise-induced left bundle branch block: resolution after coronary angioplasty. Puleo P, et al. **Am Heart J** 1984 Nov; 108(5):1373-4

Hemodynamic effects of molsidomine, isosorbide dinitrate, and nifedipine at rest and during exercise. Schartl M, et al. **Am Heart J** 1985 Mar;109(3 Pt 2):649-53

Serial studies of platelet factor 4 and beta thromboglobulin during exercise in patients with coronary artery disease. Strauss WE, et al. **Am Heart J** 1985 Aug;110(2):293-9

The influence of exercise training on the ventilatory threshold of patients with coronary heart disease. Sullivan M, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):458-63

Effects of exercise using industrial respirators. Harber P, et al. **Am Ind Hyg Assoc J** 1984 Sep;45(9):603-9

Beta blockers and exercise. Workshops. **Am J Cardiol** 1985 Apr 26;55(10):167D-171D

Beta blockers and exercise: a symposium. **Am J Cardiol** 1985 Apr 26;55(10):1D-171D

A symposium: beta blockers and exercise. Introduction. **Am J Cardiol** 1985 Apr 26;55(10):1D-2D

Cardiorespiratory response to exercise in Ebstein's anomaly. [illegible]ber G, et al. **Am J Cardiol** 1985 Sep 15;56(8):509-14

Different susceptibility to myocardial ischemia provoked by hyperventilation and cold pressor test in exertional and variant angina pectoris. Crea F, et al. **Am J Cardiol** 1985 Jul 1;56(1):18-22

Adaptability of the pulmonary system to changing metabolic requirements. Dempsey JA, et al. **Am J Cardiol** 1985 Apr 26;55(10):59D-67D

Effects of exercise on blood pressure, plasma catecholamines, potassium and the electrocardiogram after diuretic and neural-blocking therapy for moderate hypertension. DeQuattro V, et al. **Am J Cardiol** 1985 Aug 30; 56(6):39D-45D

Prevalence and prognosis of exercise-induced nonsustained ventricular tachycardia in apparently healthy volunteers. Fleg JL, et al. **Am J Cardiol** 1984 Oct 1;54(7):762-4

Exercise training during chronic beta blockade in cardiovascular disease. Fletcher GF. **Am J Cardiol** 1985 Apr 26;55(10):110D-113D

Can patients with coronary artery disease receiving beta blockers obtain a training effect? Froelicher V, et al. **Am J Cardiol** 1985 Apr 26;55(10):155D-161D

Effect of selective and nonselective beta-adrenoceptor blockade on thermoregulation during prolonged exercise in heat. Gordon NF. **Am J Cardiol** 1985 Apr 26; 55(10):74D-78D

Beta blockers and exercise: physiologic and biochemical definitions and new concepts. Harrison DC. **Am J Cardiol** 1985 Apr 26;55(10):29D-33D

Physical activity and health: need to define the required stimulus. Haskell WL. **Am J Cardiol** 1985 Apr 26; 55(10):4D-9D

Metabolic adaptations to exercise: a review of potential beta-adrenoceptor antagonist effects. Karlsson J. **Am J Cardiol** 1985 Apr 26;55(10):48D-58D

Efficacy of carvedilol (BM 14.190), a new beta-blocking drug with vasodilating properties, in exercise-induced ischemia. Kaski JC, et al. **Am J Cardiol** 1985 Jul 1;56(1):35-40

Acute effects of alcohol on left ventricular function in healthy subjects at rest and during upright exercise. Kelbaek H, et al. **Am J Cardiol** 1985 Jan 1;55(1):164-7

Choice of selective versus nonselective beta blockers: implications for exercise training. Kelly JG. **Am J Cardiol** 1985 Apr 26;55(10):162D-166D

Angina pectoris before and during acute myocardial infarction: relation to degree of physical activity. Matsuda M, et al. **Am J Cardiol** 1985 May 1;55(11):1255-8

Cardiovascular control during exercise: central and reflex neural mechanisms. Mitchell JH. **Am J Cardiol** 1985 Apr 26;55(10):34D-41D

Exercise and the primary prevention of cardiovascular disease. Oberman A. **Am J Cardiol** 1985 Apr 26; 55(10):10D-20D (104 ref.)

Effect of ICI 118,587 on left ventricular function during graded treadmill exercise in conscious dogs. Ohyagi A, et al. **Am J Cardiol** 1984 Nov 1;54(8):1108-13

Effect of beta-adrenergic blockade on biochemical and metabolic response to exercise. Opie LH. **Am J Cardiol** 1985 Apr 26;55(10):95D-100D (37 ref.)

Out-of-hospital sudden coronary death: rest and exercise radionuclide left ventricular function in survivors. Ritchie JL, et al. **Am J Cardiol** 1985 Mar 1;55(6):645-51

Hemodynamic adaptations to exercise. Saltin B. **Am J Cardiol** 1985 Apr 26;55(10):42D-47D

Exercise training during long-term beta-blockade treatment in healthy subjects. Savin WM, et al. **Am J Cardiol** 1985 Apr 26;55(10):101D-109D

Circulatory response to beta-adrenergic blockade at rest and during exercise. Shepherd JT. **Am J Cardiol** 1985 Apr 26; 55(10):87D-94D (62 ref.)

Effect of a benzodiazepine (alprazolam) on plasma epinephrine and norepinephrine levels during exercise stress. Stratton JR, et al. **Am J Cardiol** 1985 Jul 1; 56(1):136-9

Diastolic time during recovery from upright exercise in persons without heart disease. Sugiura T, et al. **Am J Cardiol** 1985 Jan 1;55(1):168-70

Immediate effects of milrinone on metabolic and sympathetic responses to exercise in severe congestive heart failure. White HD, et al. **Am J Cardiol** 1985 Jul 1;56(1):93-8

Role of receptor mechanisms in the adaptive response to habitual exercise. Williams RS. **Am J Cardiol** 1985 Apr 26;55(10):68D-73D

Cardiorespiratory alterations consequent to endurance exercise training during chronic beta-adrenergic blockade with atenolol and propranolol. Wilmore JH, et al. **Am J Cardiol** 1985 Apr 26;55(10):142D-148D

Acute response to submaximal and maximal exercise consequent to beta-adrenergic blockade: implications for the prescription of exercise. Wilmore JH, et al. **Am J Cardiol** 1985 Apr 26;55(10):135D-141D

Transient Q waves during exercise in hypertrophic cardiomyopathy. Zalman F, et al. **Am J Cardiol** 1985 Sep 1;56(7):491-2

Energy metabolism during the postexercise recovery in man. Bielinski R, et al. **Am J Clin Nutr** 1985 Jul;42(1):69-82

Lack of sustained increase in VO2 following exercise in fit and unfit subjects. Freedman-Akabas S, et al. **Am J Clin Nutr** 1985 Mar;41(3):545-9

Effect of reduced energy intake versus increased physical activity on the outcome of nitrogen balance experiments in man. Göranzon H, et al. **Am J Clin Nutr** 1985 May; 41(5):919-28

Exercise and protein intake effects on urinary 3-methylhistidine excretion. Hickson JF Jr, et al. **Am J Clin Nutr** 1985 Feb;41(2):246-53

Energy depot replenishment in rats during refeeding after fasting: effect of exercise. Presta E, et al. **Am J Clin Nutr** 1984 Nov;40(5):1011-6

Thermic effect of food during graded exercise in normal weight and obese men. Segal KR, et al. **Am J Clin Nutr** 1984 Nov;40(5):995-1000

Metabolic responses to a meal during rest and low-intensity exercise. Welle S. **Am J Clin Nutr** 1984 Nov;40(5):990-4

Longitudinal exercise hemodynamics in children with sickle cell anemia. Alpert BS, et al. **Am J Dis Child** 1984 Nov; 138(11):1021-4

Leisure time physical activity and its relationship to coronary risk factors in a population-based sample. The Minnesota Heart Survey. Folsom AR, et al. **Am J Epidemiol** 1985 Apr;121(4):570-9

A validation of two motion sensors in the prediction of child and adult physical activity levels. Klesges RC, et al. **Am J Epidemiol** 1985 Sep;122(3):400-10

Physical activity assessment methodology in the Five-City Project. Sallis JF, et al. **Am J Epidemiol** 1985 Jan; 121(1):91-106

Self-reported physical activity compared with maximal oxygen uptake. Siconolfi SF, et al. **Am J Epidemiol** 1985 Jul;122(1):101-5

Seven-day activity and self-report compared to a direct measure of physical activity. Taylor CB, et al. **Am J Epidemiol** 1984 Dec;120(6):818-24

Lifetime occupational exercise and colon cancer. Vena JE, et al. **Am J Epidemiol** 1985 Sep;122(3):357-65

Runner's macrocytosis: a clue to footstrike hemolysis [letter] **Am J Med** 1985 Sep;79(3):A51, A56, A62

Alcohol versus exercise for coronary protection. Eichner ER. **Am J Med** 1985 Aug;79(2):231-40 (63 ref.)

Relationship of exercise, oral contraceptive use, and body fat to concentrations of plasma lipids and lipoprotein cholesterol in young women. Merians DR, et al. **Am J Med** 1985 Jun;78(6 Pt 1):913-9

Fetal heart rate response to maternal exercise. Collings C, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):498-501

Exercise dynamics in late gestation: effects of physical training. Morton MJ, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):91-7

The effect of exercise on uterine activity in the last eight weeks of pregnancy. Veille JC, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):727-30

Cardiorespiratory efficiency at submaximal work in young and middle-aged women. Zauner CW, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):712-5

Cardiovascular effects of topical beta-blockers during exercise. Atkins JM, et al. **Am J Ophthalmol** 1985 Feb 15; 99(2):173-5

Physical activity after retinal detachment surgery [letter] Levin HR, et al. **Am J Ophthalmol** 1985 Aug 15; 100(2):352-3

Effects of the protease inhibitor leupeptin on proteolytic activities and regeneration of mouse skeletal muscles after exercise injuries. Salminen A. **Am J Pathol** 1984 Oct; 117(1):64-70

References from Workshop on Physical Activity in Pregnancy, Chantilly, Virginia, September 29-October 1, 1982. **Am J Perinatol** 1984 Apr;1(3):272-5

Summary report on the NICHD research planning Workshop on Physical Activity in Pregnancy. Metcalfe J, et al. **Am J Perinatol** 1984 Apr;1(3):276-9

Mechanism for glycogenolysis in nonexercising human muscle during and after exercise. Ahlborg G. **Am J Physiol** 1985 May;248(5 Pt 1):E540-5

Insulin increases thermogenesis in rat skeletal muscle following exercise. Balon TW, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E148-51

Mechanism of training-induced attenuation of postexercise ketosis. Beattie MA, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R780-5

Effects of exercise on insulin binding to human muscle. Bonen A, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):E403-8

Energy sources in fully aerobic rest-work transitions: a new role for glycolysis. Connett RJ, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H922-9

Glycogen resynthesis in leg muscles of rats during exercise. Constable SH, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R880-3

Muscle protein turnover: effects of exercise training and renal insufficiency. Davis TA, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E337-45

Biphasic changes in 3-methylhistidine excretion in humans after exercise. Dohm GL, et al. **Am J Physiol** 1985 May; 248(5 Pt 1):E588-92

Time course of changes in gluconeogenic enzyme activities during exercise and recovery. Dohm GL, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E6-11

Metabolic adaptation to reduced muscle blood flow. II. Mechanisms and beneficial effects. Elander A, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E70-6

Metabolic adaptation to reduced muscle blood flow. I. Enzyme and metabolite alterations. Elander A, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E63-9

Oxygen transport in rest-work transition illustrates new functions for myoglobin. Gayeski TE, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H914-21

Leucine turnover and oxidation in trained rats during exercise. Henderson SA, et al. **Am J Physiol** 1985 Aug; 249(2 Pt 1):E137-44

Androgen cytosol binding in exercise-induced sparing of muscle atrophy. Hickson RC, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E597-603

Muscle glucose metabolism in exercising rats: comparison with insulin stimulation. James DE, et al. **Am J Physiol** 1985 May;248(5 Pt 1):E575-80

Activation of branched-chain keto acid dehydrogenase by exercise. Kasperek GJ, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R166-71

Circulatory responses to onset of exercise: role of arterial and cardiac baroreflexes. Ludbrook J, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):H457-67

Work performance in the iron-deficient rat: improved endurance with exercise training. Perkkiö MV, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):E306-11

Effects of acidosis on rat muscle metabolism and performance during heavy exercise. Spriet LL, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C337-47

Muscle metabolism and performance in perfused rat hindquarter during heavy exercise. Spriet LL, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C109–18

Role of plasma epinephrine in fasted exercising rats. Winder WW, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):R302–7

Muscle alpha-aminoisobutyric acid transport after exercise: enhanced stimulation by insulin. Zorzano A, et al. **Am J Physiol** 1985 May;248(5 Pt 1):E546–52

Attempted suicide by a patient with severe coronary artery disease [letter] Darko DF. **Am J Psychiatry** 1985 May; 142(5):658–9

The tibialis posterior muscle compartment. An unrecognized cause of exertional compartment syndrome. Davey JR, et al. **Am J Sports Med** 1984 Sep–Oct;12(5):391–7

Exercise performance of professional football players. Shields CL Jr, et al. **Am J Sports Med** 1984 Nov–Dec;12(6):455–9

'Effort' thrombosis of the subclavian vein in a competitive swimmer. Vogel CM, et al. **Am J Sports Med** 1985 Jul–Aug;13(4):269–72

Relative value of glucose and amino acids in preserving exercise capacity in the postoperative period. Wood CD, et al. **Am J Surg** 1985 Mar;149(3):383–6

Furosemide: effects on the hemostatic mechanism of resting and exercised standardbred horses. Kociba GJ, et al. **Am J Vet Res** 1984 Dec;45(12):2603–6

Effect of collection time and exercise restriction on the prediction of urine protein excretion, using urine protein/creatinine ratio in dogs. McCaw DL, et al. **Am J Vet Res** 1985 Aug;46(8):1665–9

Respiratory effects of photochemical oxidant air pollution in exercising adolescents. Avol EL, et al. **Am Rev Respir Dis** 1985 Sep;132(3):619–22

Radionuclide assessment of right and left ventricular function during bicycle exercise in young patients with cystic fibrosis. Benson LN, et al. **Am Rev Respir Dis** 1984 Dec; 130(6):987–92

Effect of 0.25 ppm sulfur dioxide on airway resistance in freely breathing, heavily exercising, asthmatic subjects. Bethel RA, et al. **Am Rev Respir Dis** 1985 Apr; 131(4):659–61

Ventilatory muscle function during exercise in air and oxygen in patients with chronic air-flow limitation. Bye PT, et al. **Am Rev Respir Dis** 1985 Aug;132(2):236–40

Prediction of ventilation at maximal exercise in chronic air-flow obstruction. Dillard TA, et al. **Am Rev Respir Dis** 1985 Aug;132(2):230–5

Effect of abdominal strapping on chest wall mechanics during exercise in patients with severe chronic air-flow obstruction. Dodd DS, et al. **Am Rev Respir Dis** 1985 Jun; 131(6):816–21

Right ventricular performance and central circulatory hemodynamics during upright exercise in patients with chronic obstructive pulmonary disease. Mahler DA, et al. **Am Rev Respir Dis** 1984 Nov;130(5):722–9

Determination of cardiac output at rest and during exercise by carbon dioxide rebreathing method in obstructive airway disease. Mahler DA, et al. **Am Rev Respir Dis** 1985 Jan;131(1):73–8

Accuracy of two ear oximeters at rest and during exercise in pulmonary patients. Ries AL, et al. **Am Rev Respir Dis** 1985 Sep;132(3):685–9

Lung function and exercise performance in smoking and nonsmoking asbestos-exposed workers. Sue DY, et al. **Am Rev Respir Dis** 1935 Sep;132(3):612–8

Familial exercise-induced anaphylaxis. Grant JA, et al. **Ann Allergy** 1985 Jan;54(1):35–8

The effect of cold exposure and exercise upon the nasal mucosal responses in nasal allergy. Konno A, et al. **Ann Allergy** 1985 Jan;54(1):50–9

The effect of an aerosolized antihistamine, chlorpheniramine maleate, on exercise-induced bronchospasm. Schachter EN, et al. **Ann Allergy** 1985 Jan;54(1):14–8

On the structural and physiological basis of the influence of exercise, movement and immobilization in inflammatory joint diseases. Ahlqvist J. **Ann Chir Gynaecol [Suppl]** 1985; 198:10–8 (60 ref.)

Exercise during pregnancy—potential fetal and placental metabolic effects. Bonds DR, et al. **Ann Clin Lab Sci** 1985 Mar–Apr;15(2):91–9

Effects of smoking and physical activity on serum uric acid in a Jerusalem population sample. Slater PE, et al. **Ann Hum Biol** 1985 Mar–Apr;12(2):179–84

Exercise-induced amenorrhea and bone density. Lindberg JS, et al. **Ann Intern Med** 1984 Nov;101(5):647–8

Pre-exercise snacks in diabetes mellitus [letter] Lowrey CH. **Ann Intern Med** 1985 Sep;103(3):476–7

Programming pre-exercise snacks to prevent post-exercise hypoglycemia in intensively treated insulin-dependent diabetics. Nathan DM, et al. **Ann Intern Med** 1985 Apr; 102(4):483–6

Diet, exercise, and bone mineral content [letter] York E. **Ann Intern Med** 1985 Mar;102(3):418

Racial differences in the energy cost of standardised activities. Geissler CA, et al. **Ann Nutr Metab** 1985; 29(1):40–7

Comparison of cardiorespiratory responses between treadmill exercise and outdoor exercises. Ichimaru Y, et al. **Ann Physiol Anthropol** 1984 Jul;3(3):217–25

Effects of body composition and body dimension on body temperature regulation during exercise in hot and cool environments. Katsuura T. **Ann Physiol Anthropol** 1984 Apr;3(2):157–9

Drug-exercise interactions. Lowenthal DT, et al. **Annu Rev Pharmacol Toxicol** 1985;25:275–305 (200 ref.)

Masked type I wheat allergy. Relation to exercise-induced anaphylaxis. Kushimoto H, et al. **Arch Dermatol** 1985 Mar; 121(3):355–60

Urine albumin to creatinine ratio-response to exercise in diabetes. Jefferson IG, et al. **Arch Dis Child** 1985 Apr; 60(4):305–10

Prognostic implications of normal exercise thallium 201 images. Wahl JM, et al. **Arch Intern Med** 1985 Feb; 145(2):253–6

Aerobic energy expenditure of handicapped children after training. Dresen MH, et al. **Arch Phys Med Rehabil** 1985 May;66(5):302–6

Physical activity: its influence on nerve conduction velocity. Halar EM, et al. **Arch Phys Med Rehabil** 1985 Sep; 66(9):605–9

Duration of stretching effect on range of motion in lower extremities. Möller M, et al. **Arch Phys Med Rehabil** 1985 Mar;66(3):171–3

Work-rest periods: their effects on normal physiologic response to isometric and dynamic work. Patterson RP, et al. **Arch Phys Med Rehabil** 1985 Jun;66(6):348–52

Isometric torque of the quadriceps femoris after concentric, eccentric and isometric training. Pavone E, et al. **Arch Phys Med Rehabil** 1985 Mar;66(3):168–70

Effect of physical exercise on blood lipids and adipose tissue composition in young healthy men. Danner SA, et al. **Atherosclerosis** 1984 Oct;53(1):83–90

Reduced incidence of cardiovascular complications and mortality in hyperlipoproteinemia (HLP) with effective lipid correction. The Dresden HLP study. Hanefeld M, et al. **Atherosclerosis** 1984 Oct;53(1):47–58

The effect of exercise and hyperlipemic diet on aortic histopathology in the rat. Hasler CM, et al. **Atherosclerosis** 1984 Sep;52(3):279–86

Response of HDL cholesterol, apoprotein A-I, and LCAT to exercise withdrawal. Thompson CE, et al. **Atherosclerosis** 1985 Jan;54(1):65–73

Exercise haematuria. Fassett R. **Aust Fam Physician** 1984 Jul;13(7):518–9

Exercise for the elderly. Millar AP. **Aust Fam Physician** 1984 Aug;13(8):592–3

Aerobic exercise. Piterman L. **Aust Fam Physician** 1984 Jun; 13(6):450–1

Oligomenorrhoea and amenorrhoea associated with exercise. A literature review. Williams M. **Aust Fam Physician** 1984 Sep;13(9):659–63 (33 ref.)

The effect of a home exercise programme in children with cystic fibrosis and asthma. Holzer FJ, et al. **Aust Paediatr J** 1984 Nov;20(4):297–301

Voluntary dehydration and electrolyte losses during prolonged exercise in the heat. Armstrong LE, et al. **Aviat Space Environ Med** 1985 Aug;56(8):765–70

Response to muscular exercise following repeated simulated weightlessness. Convertino VA, et al. **Aviat Space Environ Med** 1985 Jun;56(6):540–6

Food deprivation and exercise in the heat: thermoregulatory and metabolic effects. Francesconi RP, et al. **Aviat Space Environ Med** 1985 Aug;56(8):771–6

Exercise thermoregulation in men after 6 hours of immersion. Greenleaf JE, et al. **Aviat Space Environ Med** 1985 Jan; 56(1):15–8

Effect of physical training in cool and hot environments on +Gz acceleration tolerance in women. Greenleaf JE, et al. **Aviat Space Environ Med** 1985 Jan;56(1):9–14

Plasma lactic dehydrogenase activities in men during bed rest with exercise training. Greenleaf JE, et al. **Aviat Space Environ Med** 1985 Mar;56(3):193–8

The effect of sleep loss on high intensity exercise and recovery. McMurray RG, et al. **Aviat Space Environ Med** 1984 Nov;55(11):1031–5

Cardiovascular responses to isometric neck muscle contractions: results after dynamic exercise with various headgear loading configurations. Phillips CA, et al. **Aviat Space Environ Med** 1984 Aug;55(8):740–5

Effects of a 7-day head-down tilt (-6 degrees) on the dynamics of oxygen uptake and heart rate adjustment in upright exercise. Stegemann J, et al. **Aviat Space Environ Med** 1985 May;56(5):410–4

Effect of starvation and exercise on actual and total activity of the branched-chain 2-oxo acid dehydrogenase complex in rat tissues. Wagenmakers AJ, et al. **Biochem J** 1984 Nov 1;223(3):815–21

Effect of daily exercise and food intake on leucine oxidation. Lemon PW, et al. **Biochem Med** 1985 Feb;33(1):67–76

Effects of exercise on fetal-placental growth and uteroplacental blood flow in the rat. Garris DR, et al. **Biol Neonate** 1985;47(4):223–9

Effects of vasectomy and exercise upon aortic extensibility, cholesterol deposition, and stainable tissue lipids. Bridges FS, et al. **Biol Reprod** 1984 Sep;31(2):296–302

Exercise, ethanol and arachidonic acid metabolism in healthy men. Vapaatalo H, et al. **Biomed Biochim Acta** 1984; 43(8–9):S413–20

Computer-controlled instrumentation system for measurement of breath-by-breath responses from exercising humans. Riblett LE Jr, et al. **Biomed Sci Instrum** 1985;21:63–71

Effects of training and exhaustive exercise on the mitochondrial oxidative capacity of brown adipose tissue. Gohil K, et al. **Biosci Rep** 1984 Nov;4(11):987–93

Haemodynamic and neurohumoral response to exercise in patients with congestive heart failure treated with captopril. Creager MA, et al. **Br Heart J** 1985 Apr; 53(4):431–5

Effect of Corwin (ICI 118587) on resting and exercise heart rate and exercise tolerance in digitalised patients with chronic atrial fibrillation. Molajo AO, et al. **Br Heart J** 1984 Oct;52(4):392–5

Transient Q waves followed by left anterior fascicular block during exercise. Rebuzzi AG, et al. **Br Heart J** 1985 Jul; 54(1):107–9

Interrelation between donor and recipient heart rates during exercise after heterotopic cardiac transplantation. Yusuf S, et al. **Br Heart J** 1985 Aug;54(2):173–8

Exercise, cyclic AMP and malignant hyperpyrexia susceptibility [letter] Campbell IT. **Br J Anaesth** 1985 Aug; 57(8):837–8

Cyclic AMP in normal and malignant hyperpyrexia susceptible individuals following exercise. Stanec A, et al. **Br J Anaesth** 1984 Nov;56(11):1243–6

Beta 1-selective and non-selective beta-adrenoceptor blockade, anaerobic threshold and respiratory gas exchange during exercise. McLeod AA, et al. **Br J Clin Pharmacol** 1985 Jan;19(1):13–20

Effects of nicardipine on cardiac volume at rest and during exercise-induced angina. Silke B, et al. **Br J Clin Pharmacol** 1985;20 Suppl 1:169S–176S

Effects of beta-adrenoceptor blockade on exercise performance and respiratory response in healthy, physically untrained humans. Violante B, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):811–5

Immediate and long-term effects of nicardipine, at rest and during exercise, in patients with coronary artery disease. Visser CA, et al. **Br J Clin Pharmacol** 1985;20 Suppl 1:158S–162S

The 100 m walk: a simple and reproducible exercise test. Morice A, et al. **Br J Dis Chest** 1984 Oct;78(4):392–4

Effect of short-term maternal exercise on maternal and fetal cardiovascular dynamics. Pijpers L, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1081–6

Relationship of ergometer-specific VO2 max and muscle enzymes to blood lactate during submaximal exercise. Jacobs I, et al. **Br J Sports Med** 1985 Jun;19(2):77–80

Does exercise alter anaerobic threshold in coronary artery disease during beta blockade? Koyal SN, et al. **Br J Sports Med** 1985 Jun;19(2):107–11

Reducing the prevalence of exercise related cardiac death. Northcote RJ, et al. **Br J Sports Med** 1984 Dec; 18(4):288–92

The Dorset Get-Fit Campaign—community fitness testing programme. Nutbeam D, et al. **Br J Sports Med** 1985 Mar; 19(1):5–7

Haemoglobin saturation during incremental arm and leg exercise. Powers SK, et al. **Br J Sports Med** 1984 Sep; 18(3):212–6

Sudden death and sport—preventable or inevitable. Tunstall Pedoe D. **Br J Sports Med** 1984 Dec;18(4):293–4

Serum lipids: interactions between age and moderate intensity exercise. Van der Eems K, et al. **Br J Sports Med** 1985 Jun;19(2):112–4

Cardiac abnormalities and exercise tolerance in patients receiving renal replacement therapy. Bullock RE, et al. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1479–84

The role of endogenous opiates in thermal regulation of the body during exercise. De Meirleir K, et al. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):739–40

Exercise and osteoporosis [letter] Holló I, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1902

Effects of aerobic exercise on depression: a controlled study. Martinsen EW, et al. **Br Med J [Clin Res]** 1985 Jul 13; 291(6488):109

Exercise and osteoporosis [editorial] Smith R. **Br Med J [Clin Res]** 1985 Apr 20;290(6476):1163–4

Effects of exercise conditioning on semen characteristics from hyper- and hypotensive lines of turkeys. Krista LM, et al. **Br Poult Sci** 1985 Jul;26(3):349–56

Maximal oxygen uptake during exercise using trained or untrained muscles. Moreira-da-Costa M, et al. **Braz J Med Biol Res** 1984;17(2):197–202

Psycho-social predictors of exercise intentions among spouses. Godin G, et al. **Can J Appl Sport Sci** 1985 Mar; 10(1):36–43

Physical activity as a moderator of life events and somatic complaints: a longitudinal study. Howard JH, et al. **Can J Appl Sport Sci** 1984 Dec;9(4):194–200

Mechanical energy in sculling and in rowing an ergometer. Martindale WO, et al. **Can J Appl Sport Sci** 1984 Sep; 9(3):153–63

The natural isotope tracing with 13C: a non-invasive method for studying the metabolism during exercise. Massicotte D, et al. **Can J Appl Sport Sci** 1984 Sep;9(3):164

Management of exercise in the elderly. Shephard RJ. **Can J Appl Sport Sci** 1984 Sep;9(3):109–20

Effects of exercise on insulin binding and glucose metabolism in muscle. Bonen A, et al. **Can J Physiol Pharmacol** 1984 Dec;62(12):1500–4

Effect of phentolamine on the insulin, glucagon, and glucose responses to exercise in adrenal-denervated sheep. Brockman RP. **Can J Physiol Pharmacol** 1985 Apr; 63(4):346–9

Thoracoabdominal motion during hypercapnia, hypoxia, and exercise. Chapman KR, et al. **Can J Physiol Pharmacol** 1985 Mar;63(3):188–92

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Effects of exercise frequency, intensity, and duration on revascularization in the transition zone of infarcted rat hearts. Przyklenk K, et al. **Can J Physiol Pharmacol** 1985 Apr;63(4):273–8

Modulation of myosin isoenzyme populations and activities of monoamine oxidase and phenylethanolamine–N–methyltransferase in pressure loaded and normal rat heart by swimming exercise and stress arising from electrostimulation in pairs. Rupp H, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1209–18

Skeletal muscle histochemical and biochemical characteristics in sedentary male and female subjects. Simoneau JA, et al. **Can J Physiol Pharmacol** 1985 Jan;63(1):30–5

Effect of a program of aerobic exercise on the smoking behaviour of a group of adult volunteers. Hill JS. **Can J Public Health** 1985 May–Jun;76(3):183–6

Comparative evaluation of exercise ST response in healthy males and females. A computer study. Manca C, et al. **Cardiology** 1984;71(6):341–7

Changes in systolic time intervals during physical training in patients with ischemic heart disease. Effect of beta–blockade. Vanhees L, et al. **Cardiology** 1984; 71(4):207–14

Effect of aspirin and indomethacin on exercise–induced changes in blood pressure and limb blood flow in normal volunteers. Cowley AJ, et al. **Cardiovasc Res** 1985 Mar; 19(3):177–80

Haemodynamic adaptation to exercise in asymptomatic patients with severe aortic regurgitation. Thompson R, et al. **Cardiovasc Res** 1985 Apr;19(4):212–8

Regulation of cardiac output during upright exercise in patients with aortic regurgitation. Iskandrian AS, et al. **Cathet Cardiovasc Diagn** 1984;10(6):573–82

Ejection fraction and heart rate correlate with diastolic peak filling rate at rest and during exercise. Bianco JA, et al. **Chest** 1985 Jul;88(1):107–13

Inspiratory muscle conditioning using a threshold loading device. Clanton TL, et al. **Chest** 1985 Jan;87(1):62–6

Exercise–induced bronchodilation in asthma. Gelb AF, et al. **Chest** 1985 Feb;87(2):196–201

Techniques of blood pressure monitoring during exercise [editorial] Gradman AH. **Chest** 1985 Jun;87(6):708–9

Inspiratory muscle training in clinical practice. Physiologic conditioning or habituation to suffocation? Jederlinic P, et al. **Chest** 1984 Dec;86(6):870–3

Hemodynamic effect of hydralazine in interstitial lung disease patients with cor pulmonale. Immediate and short–term evaluation at rest and during exercise. Lupi–Herrera E, et al. **Chest** 1985 May;87(5):564–73

Changes in distribution of lung perfusion and ventilation at rest and during maximal exercise. Mohsenifar Z, et al. **Chest** 1985 Mar;87(3):359–62

Accuracy of pulmonary function tests in predicting exercise tolerance in chronic obstructive pulmonary disease. Pineda H, et al. **Chest** 1984 Oct;86(4):564–7

Direct and indirect blood pressure during exercise. Rasmussen PH, et al. **Chest** 1985 Jun;87(6):743–8

Respiratory gas exchange in submaximal unsteady state exercise [letter] Rox J, et al. **Chest** 1985 Jun;87(6):843

High altitude pulmonary edema and exercise at 4,400 meters on Mount McKinley. Effect of expiratory positive airway pressure. Schoene RB, et al. **Chest** 1985 Mar;87(3):330–3

Respiratory muscle training [letter] Sonne LJ. **Chest** 1984 Dec;86(6):939–40

Hemodynamic response to normovolemic polycythemia at rest and during exercise in dogs. Lindenfeld J, et al. **Circ Res** 1985 Jun;56(6):793–800

Hemodynamic effects of dynamic exercise in children and adolescents with moderate–to–small ventricular septal defects. Bendien C, et al. **Circulation** 1984 Dec;70(6):929–34

Proximal coronary vasomotor reactivity after exercise training in dogs. Bove AA, et al. **Circulation** 1985 Mar; 71(3):620–5

Left ventricular systolic and diastolic function in coronary artery disease: effects of revascularization on exercise–induced ischemia. Carroll JD, et al. **Circulation** 1985 Jul;72(1):119–29

Effects of nifedipine on systemic and regional oxygen transport and metabolism at rest and during exercise. Choong CY, et al. **Circulation** 1985 Apr;71(4):787–96

Exercise thallium–201 scintigraphy in dogs: effects of long–term coronary occlusion and collateral development on early and late scintigraphic images. Cohen MV, et al. **Circulation** 1985 Oct;72(4):881–91

Influence of coronary collateral blood flow on the development of exertional ischemia and Q wave infarction in patients with severe single–vessel disease. Freedman SB, et al. **Circulation** 1985 Apr;71(4):681–6

Association between the exercise ejection fraction response and systolic wall stress in patients with chronic aortic insufficiency. Greenberg B, et al. **Circulation** 1985 Mar; 71(3):458–65

Characteristics of vascular hydraulic load in patients with heart failure. Laskey WK, et al. **Circulation** 1985 Jul; 72(1):61–71

Beneficial effects of nifedipine on rest and exercise myocardial energetics in patients with congestive heart failure. Magorien RD, et al. **Circulation** 1984 Nov; 70(5):884–90

Home versus group exercise training for increasing functional capacity after myocardial infarction. Miller NH, et al. **Circulation** 1984 Oct;70(4):645–9

Hemodynamic findings at rest and during mild supine exercise in adults with isolated, uncomplicated ventricular septal defects. Otterstad JE, et al. **Circulation** 1985 Apr; 71(4):650–62

Associations of resting heart rate with concentrations of lipoprotein subfractions in sedentary men. Williams PT, et al. **Circulation** 1985 Mar;71(3):441–9

Effect of the sympathetic nervous system on limb circulation and metabolism during exercise in patients with heart failure. Wilson JR, et al. **Circulation** 1985 Jul;72(1):72–81

Effect of exercise on isoprenaline–induced lymphocyte cAMP production in atopic asthmatics and atopic and non–atopic, non–asthmatic subjects. Cundell D, et al. **Clin Allergy** 1984 Sep;14(5):433–42

The exercise response in idiopathic dilated cardiomyopathy. Kirlin PC, et al. **Clin Cardiol** 1984 Apr;7(4):205–10

Assessment of circulating immune complexes by a solid–phase C1q–binding assay during the first hours and days after prolonged exercise. Dufaux B, et al. **Clin Chim Acta** 1985 Feb 15;145(3):313–7

Serum creatine kinase activity following a 120–km march. Galun E, et al. **Clin Chim Acta** 1984 Nov 30;143(3):281–3

Copper and iron complexes catalytic for oxygen radical reactions in sweat from human athletes. Gutteridge JM, et al. **Clin Chim Acta** 1985 Feb 15;145(3):267–73

Raised CK–MB isoenzyme after exercise in a patient with alcoholic myopathy. Storm TL. **Clin Chim Acta** 1984 Nov 30;143(3):291–3

Regulation of food intake in human obesity: studies with caloric dilution and exercise. Porikos KP, et al. **Clin Endocrinol Metab** 1984 Nov;13(3):547–61 (63 ref.)

Changes in the populations of lymphoid cells in human peripheral blood following physical exercise. Edwards AJ, et al. **Clin Exp Immunol** 1984 Nov;58(2):420–7

Renal infarction after aerobics. Montgomery JH, et al. **Clin Nucl Med** 1984 Nov;9(11):664–5

Nutrition in sports medicine. Vitale JJ. **Clin Orthop** 1985 Sep; (198):158–68

Biochemistry of exercise. 6th international symposium, June 12–15th, 1985 Copenhagen, Denmark. Abstracts. **Clin Physiol** 1985;5 Suppl 4:109 p.

Association between low habitual physical activity and impaired glucose tolerance. Annuzzi G, et al. **Clin Physiol** 1985 Feb;5(1):63–70

Free amino acids in muscle tissue and plasma during exercise in man. Bergström J, et al. **Clin Physiol** 1985 Apr; 5(2):155–60

Influence of glucose and fructose ingestion on the capacity for long–term exercise in well–trained men. Björkman O, et al. **Clin Physiol** 1984 Dec;4(6):483–94

Haemodynamic and metabolic responses to prolonged exercise after chronic beta 1–adrenoceptor blockade in hypertensive man. Frisk–Holmberg M, et al. **Clin Physiol** 1985 Jun;5(3):231–42

Ventilatory effects of biceps vibration during leg exercise in healthy humans. Jammes Y, et al. **Clin Physiol** 1984 Oct; 4(5):379–91

Exercise capacity in subjects with high oxygen affinity. Länsimies E, et al. **Clin Physiol** 1985;5 Suppl 3:69–73

Supine and sitting maximal workload difference and response to long–term enalapril therapy in congestive heart failure. Pöyhönen L. **Clin Physiol** 1985 Apr;5(2):173–8

Respiratory and circulatory adaptation to isometric and dynamic exercise in chronic lung disease. Schrijen F, et al. **Clin Physiol** 1984 Oct;4(5):371–8

Physical training and fasting serum insulin levels in sedentary men. Woodhouse SP, et al. **Clin Physiol** 1984 Dec; 4(6):475–82

Lack of effect of naloxone in a moderate dosage on the exercise–induced increase in blood pressure, heart rate, plasma catecholamines, plasma renin activity and plasma aldosterone in healthy males. Bramnert M, et al. **Clin Sci** 1985 Feb;68(2):185–91

Arterial oxygen desaturation during treadmill and bicycle exercise in patients with chronic obstructive airways disease. Cockcroft A, et al. **Clin Sci** 1985 Mar;68(3):327–32

The role of opioid peptides in the hormonal responses to acute exercise in man. Grossman A, et al. **Clin Sci** 1984 Nov;67(5):483–91

Relationship between ventilation and breathlessness during exercise in chronic obstructive airways disease is not altered by prevention of hypoxaemia. Swinburn CR, et al. **Clin Sci** 1984 Nov;67(5):515–9

Symposium on cardiac rehabilitation. **Clin Sports Med** 1984 Apr;3(2): 295–563

Clinical exercise performance. Dehn MM, et al. **Clin Sports Med** 1984 Apr;3(2):319–32 (30 ref.)

Epidemiology of exercise and coronary heart disease. Paffenbarger RS Jr, et al. **Clin Sports Med** 1984 Apr; 3(2):297–318 (78 ref.)

Gastric emptying in exercised mice. Grunewald KK, et al. **Comp Biochem Physiol** [A] 1985;80(2):173–5

Pulmonary functions of rats trained with mild exercise. Yokoyama E, et al. **Comp Biochem Physiol** [A] 1984; 79(3):483–6

Changes in carbonic anhydrase activity in coho salmon smolts resulting from physical training and transfer into seawater. Zbanyszek R, et al. **Comp Biochem Physiol** [A] 1984;79(2):229–33

Circulatory responses to exercise. Balady GJ, et al. **Compr Ther** 1985 Jan;11(1):15–8

Exercise and the young. Orenstein DM. **Compr Ther** 1985 Jan;11(1):38–47

Exercise and stress reduction. Rosch PJ. **Compr Ther** 1985 Apr;11(4):10–5

Microprocessor–based system for on–line analysis of respiratory responses to exercise. el–Dhaher AH, et al. **Comput Programs Biomed** 1985;19(2–3):179–87

Importance of impaired exercise tolerance in patients on renal replacement therapy. Heaton A, et al. **Contrib Nephrol** 1984;41:272–5

Endurance exercise in hemodialysis patients. Effects on the sympathetic nervous system and serum glucose regulation. Kettner A, et al. **Contrib Nephrol** 1984;41:269–71

Rest and exercise response of left ventricular functions of patients on maintenance hemodialysis with and without cornary artery disease. Wizemann V, et al. **Contrib Nephrol** 1984;41:276–9

Physical exercise inducing electrophysiological changes in the atria: sympathetic–mediated effects? Sánchez A, et al. **Cor Vasa** 1984;26(6):456–65

Changes in blood constituents accompanying exercise in polo horses. Craig L, et al. **Cornell Vet** 1985 Apr;75(2):297–302

Glycogen depletion patterns in horses competing in day 2 of a three day event. Hodgson DR, et al. **Cornell Vet** 1985 Apr;75(2):366–74

Exercise–associated solar purpura in an atypical location. Latenser BA, et al. **Cutis** 1985 Apr;35(4):365–6

Uhthoff's phenomenon in the low–frequency flash–evoked cortical potential. Berdjis H, et al. **Dev Ophthalmol** 1984; 9:188–94

Detection of Uhthoff's symptom in disseminated sclerosis by the Farnsworth–Munsell 100–hue test and the octopus perimetry. Zrenner E. **Dev Ophthalmol** 1984;9:182–7

The effect of starvation on the gastro–entero–pancreatic hormonal and metabolic responses to exercise. (GEP hormones in starvation and exercise). Bell PM, et al. **Diabete Metab** 1984 Sep;10(3):194–8

Plasma beta–thromboglobulin concentration at rest and after physical exercise in complicated and uncomplicated diabetes mellitus. Vicari AM, et al. **Diabete Metab** 1984 Oct;10(4):235–8

Hormonal responses to exercise in diabetic and nondiabetic pregnant patients. Artal R, et al. **Diabetes** 1985 Jun;34 Suppl 2:78–80

Improvement of glucose homeostasis after exercise training in non–insulin–dependent diabetes. Reitman JS, et al. **Diabetes Care** 1984 Sep–Oct;7(5):434–41

Influence of physical training on blood glucose control, glucose tolerance, insulin secretion, and insulin action in non–insulin–dependent diabetic patients. Trovati M, et al. **Diabetes Care** 1984 Sep–Oct;7(5):416–20

Normalization of insulin sensitivity in type I diabetic subjects by physical training during insulin pump therapy. Yki–Järvinen H, et al. **Diabetes Care** 1984 Nov–Dec; 7(6):520–7

Comparison of the acute and long–term effects of exercise on glucose control in type I diabetes. Zinman B, et al. **Diabetes Care** 1984 Nov–Dec;7(6):515–9

Non–response of muscle capillary density and lipoprotein–lipase activity to regular training in diabetic patients. Lithell H, et al. **Diabetes Res** 1985 Jan;2(1):17–21

Effect of work–induced hypertrophy on muscle glucose metabolism in lean and obese mice. Augert G, et al. **Diabetologia** 1985 May;28(5):295–301

Physical activity and prevalence of diabetes [letter] Jarrett RJ. **Diabetologia** 1985 Apr;28(4):250–1

Physical activity and prevalence of diabetes in Melanesian and Indian men in Fiji. Taylor R, et al. **Diabetologia** 1984 Dec;27(6):578–82

Exercise–induced hypoglycemia following propranolol in a patient after gastric fundoplication surgery. Zaloga GP, et al. **Dig Dis Sci** 1984 Dec;29(12):1164–6

Exercise and beta–blocking agents. Golightly LK, et al. **Drug Intell Clin Pharm** 1985 Apr;19(4):302–4

An open comparison of amiodarone with diltiazem and glyceryl trinitrate in patients with stable exertional angina. Lesbre JP, et al. **Drugs** 1985 Mar;29 Suppl 3:31–6

Sleep EEG effects of exercise with and without additional body cooling. Horne JA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;60(1):33–8

Electromyographic study of the rectus abdominis and external oblique muscles during exercises. Bankoff AD, et al. **Electromyogr Clin Neurophysiol** 1984 Aug–Sep; 24(6):501–10

Endocrine response to physical efforts with equivalent total work loads but different intensities in man. Tatár P, et al. **Endocrinol Exp (Bratisl)** 1984 Dec;18(4):233–9

Effects of acute physical exercise on some serum enzymes in healthy male subjects between the ages of 40 and 64 years. Métivier G, et al. **Enzyme** 1985;33(1):25–33

Arterial blood gas tension and acid base balance during exercise in horses with pharyngeal lymphoid hyperplasia. Bayly WM, et al. **Equine Vet J** 1984 Sep;16(5):435–8

Sacroiliac lesions as a cause of chronic poor performance in competitive horses. Jeffcott LB, et al. **Equine Vet J** 1985 Mar;17(2):111–8

Maximal anaerobic (lactic) capacity and power of the horse. Saibene F, et al. **Equine Vet J** 1985 Mar;17(2):130–2

Permissible loads: biomechanical considerations. Andersson GB. **Ergonomics** 1985 Jan;28(1):323–6

Intra–abdominal pressure measurements and load capacities for females. David GC. **Ergonomics** 1985 Jan;28(1):345–8

The role of the hand in manual materials handling. Drury

CG. **Ergonomics** 1985 Jan;28(1):213–27

Experiments on wrist deviation in manual materials handling. Drury CG, et al. **Ergonomics** 1985 Mar;28(3):577–89

The measurement of effort. Fleishman EA, et al. **Ergonomics** 1984 Sep;27(9):947–54

The perception of exertion. Gamberale F. **Ergonomics** 1985 Jan;28(1):299–308

Aerobic capacity of severely disabled Indians. Goswami A, et al. **Ergonomics** 1984 Dec;27(12):1267–9

Muscle fatigue associated with repetitive arm lifts: effects of height, weight and reach. Habes D, et al. **Ergonomics** 1985 Feb;28(2):471–88

Permissible loads based on energy expenditure measurements. Jørgensen K. **Ergonomics** 1985 Jan;28(1):365–9

Permissible loads for the Dutch construction industry. Koningsveld EA. **Ergonomics** 1985 Jan;28(1):359–63

Human capabilities in repetitive lifting. Legg SJ, et al. **Ergonomics** 1985 Jan;28(1):309–21

Metabolic and cardiovascular cost, and perceived effort over an 8 hour day when lifting loads selected by the psychophysical method. Legg SJ, et al. **Ergonomics** 1985 Jan;28(1):337–43

Comparison of three field methods for measuring oxygen consumption. Louhevaara V, et al. **Ergonomics** 1985 Feb;28(2):463–70

Relation between intra-abdominal pressure and lumbar moments when lifting weights in the erect posture. Mairiaux P, et al. **Ergonomics** 1984 Aug;27(8):883–94

The force–velocity relation and intra-abdominal pressure during lifting activities. Marras WS, et al. **Ergonomics** 1985 Mar;28(3):603–13

Maximum weights of lift acceptable to male and female industrial workers for extended work shifts. Mital A. **Ergonomics** 1984 Nov;27(11):1115–26

Comprehensive maximum acceptable weight of lift database for regular 8–hour work shifts. Mital A. **Ergonomics** 1984 Nov;27(11):1127–38

Metabolic costs of load carriage with different container sizes. Morrissey SJ, et al. **Ergonomics** 1984 Aug;27(8):847–53

Force capability differences due to gloves. Riley MW, et al. **Ergonomics** 1985 Feb;28(2):441–7

Psychophysical acceptability as a constraint in manual working capacity. Snook SH. **Ergonomics** 1985 Jan;28(1):331–5

Psychophysical considerations in permissible loads. Snook SH. **Ergonomics** 1985 Jan;28(1):327–30

The effect of conditions underfoot on falling and overexertion accidents. Strandberg L. **Ergonomics** 1985 Jan;28(1):131–47

Sleep deprivation, chronic exercise and muscular performance. Takeuchi L, et al. **Ergonomics** 1985 Mar;28(3):591–601

Exercise and old age. **Eur Heart J** 1984 Nov;5 Suppl E:1–123

Right and left ventricular ejection fraction and left ventricular volume changes at rest and during exercise in normal subjects. Brynjolf I, et al. **Eur Heart J** 1984 Sep;5(9):756–61

Renin and angiotensin responses to posture and exercise in elderly patients with heart failure. Cleland JG, et al. **Eur Heart J** 1984 Nov;5 Suppl E:9–11

Cardiac function at treadmill exercise in various age groups. Cokkinos DV, et al. **Eur Heart J** 1984 Nov;5 Suppl E:41–5

Effects of cold stimulation on coronary haemodynamics during exercise in patients with coronary artery disease. de Servi S, et al. **Eur Heart J** 1985 Mar;6(3):239–46

Gold 195m radionuclide ventriculography in the assessment of left ventricular performance in fit elderly men. Findlay IN, et al. **Eur Heart J** 1984 Nov;5 Suppl E:17–20

Diagnostic exercise testing in 104 patients over 65 years of age. Glover DR, et al. **Eur Heart J** 1984 Nov;5 Suppl E:59–61

Compliance with cardiac rehabilitation in the elderly. Gori P, et al. **Eur Heart J** 1984 Nov;5 Suppl E:109–11

Effects in elderly people 67–76 years of age of three–month endurance training on a bicycle ergometer. Haber P, et al. **Eur Heart J** 1984 Nov;5 Suppl E:37–9

Age- and exercise–related sympathetic activity in untrained volunteers, trained athletes and patients with impaired left–ventricular contractility. Lehmann M, et al. **Eur Heart J** 1984 Nov;5 Suppl E:1–7

Correlation of myosin isoenzyme alterations with myocardial function in physiologic and pathologic hypertrophy. Malhotra A, et al. **Eur Heart J** 1984 Dec;5 Suppl F:61–7

Is old age a contraindication to cardiac rehabilitation after acute myocardial infarction? Opasich C, et al. **Eur Heart J** 1984 Nov;5 Suppl E:105–7

Scintigraphic left ventricular function during exercise in elderly patients with coronary artery disease. Pichler M, et al. **Eur Heart J** 1984 Nov;5 Suppl E:55–7

Ambulatory blood pressure and its response to exercise in the elderly. Rowlands DB, et al. **Eur Heart J** 1984 Nov;5 Suppl E:13–6

Age dependent variations in cardiac and skeletal muscle during short and long term treadmill–running of mice. Steinhagen–Thiessen E, et al. **Eur Heart J** 1984 Nov;5 Suppl E:27–30

Exercise haemodynamics in patients over 65 years of age with recent myocardial infarction. Tavazzi L, et al. **Eur Heart J** 1984 Nov;5 Suppl E:85–7

Ventricular volumes during upright exercise [letter] Wijns W, et al. **Eur Heart J** 1985 Feb;6(2):185

Guidelines for exercise therapy of the elderly after myocardial infarction. Williams MA, et al. **Eur Heart J** 1984 Nov;5 Suppl E:121–3

The value of early out–patient cardiac exercise programmes for the elderly in comparison with other selected age groups. Williams MA, et al. **Eur Heart J** 1984 Nov;5 Suppl E:113–5

Endurance capacity of trained older aged athletes. Wollein W, et al. **Eur Heart J** 1984 Nov;5 Suppl E:21–5

Improved 'active' electrodes for recording bioelectric signals in work physiology. Hagemann B, et al. **Eur J Appl Physiol** 1985;54(1):95–8

Muscle glycogen depletion during exercise at 9 degrees C and 21 degrees C. Jacobs I, et al. **Eur J Appl Physiol** 1985;54(1):35–9

Plasma testosterone and catecholamine responses to physical exercise of different intensities in men. Ježová D, et al. **Eur J Appl Physiol** 1985;54(1):62–6

Increased protein degradation after eccentric exercise. Kasperek GJ, et al. **Eur J Appl Physiol** 1985;54(1):30–4

A comparison of the effect of external loading upon power output in stair climbing and running up a ramp. Kyle CR, et al. **Eur J Appl Physiol** 1985;54(1):99–103

Plasma renin activity and serum aldosterone during prolonged physical strain. The significance of sleep and energy deprivation. Opstad PK, et al. **Eur J Appl Physiol** 1985;54(1):1–6

An implantable nerve cooler for the exercising dog. Borgdorff P, et al. **Eur J Applied Physiol** 1984;53(2):175–9

The influence of extra load on the mechanical behavior of skeletal muscle. Bosco C, et al. **Eur J Applied Physiol** 1984;53(2):149–54

After effects of chronic hypoxia on cardiac output and muscle blood flow at rest and exercise. Cerretelli P, et al. **Eur J Applied Physiol** 1984;53(2):92–6

Metabolic and hormonal responses to prolonged physical exercise in dogs after a single fat–enriched meal. Falecka–Wieczorek I, et al. **Eur J Applied Physiol** 1984;53(3):267–73

Neuromuscular, anaerobic, and aerobic performance characteristics of elite power athletes. Häkkinen K, et al. **Eur J Applied Physiol** 1984;53(2):97–105

A study of fatigue during repetitive static work performed in two different segmental positions. Kahn JF, et al. **Eur J Applied Physiol** 1984;53(2):169–74

Prednisolone decreases exercise–induced acid hydrolase response in mouse skeletal muscle. Kihlström M, et al. **Eur J Applied Physiol** 1984;53(1):53–6

Exercise in a cold environment after sleep deprivation. Kolka MA, et al. **Eur J Applied Physiol** 1984;53(3):282–5

Effects of facial cooling during exercise at high temperature. Kratzing CC, et al. **Eur J Applied Physiol** 1984;53(2):118–20

Effects of a rapid change in muscle glycogen availability on metabolic and hormonal responses during exercise. Lavoie JM, et al. **Eur J Applied Physiol** 1984;53(1):57–62

Varied and repeated atropine dosages and exercise–heat stress. Levine L, et al. **Eur J Applied Physiol** 1984;53(1):12–6

Urinary excretion of electrolytes during prolonged physical activity in normal man. Lijnen P, et al. **Eur J Applied Physiol** 1985;53(4):317–21

Increase in the ratio of serum levels of apolipoproteins A–I and A–II during prolonged physical strain and calorie deficiency. Magnus P, et al. **Eur J Applied Physiol** 1984;53(1):21–4

Metabolic changes induced by combined prolonged exercise and low–calorie intake in man. Marniemi J, et al. **Eur J Applied Physiol** 1984;53(2):121–7

Plasma glucagon and catecholamines during exhaustive short–term exercise. Näveri H, et al. **Eur J Applied Physiol** 1985;53(4):308–11

Cardiovascular, hormonal and body fluid changes during prolonged exercise. Nielsen B, et al. **Eur J Applied Physiol** 1984;53(1):63–70

Differential ratings of perceived exertion and various physiological responses during prolonged upper and lower body exercise. Pandolf KB, et al. **Eur J Applied Physiol** 1984;53(1):5–11

Therapeutic effect of exercise on hypertension. Paulev PE, et al. **Eur J Applied Physiol** 1984;53(2):180–5

Variations in serum myoglobin after a 2–min isokinetic exercise test and the effects of training. Roxin LE, et al. **Eur J Applied Physiol** 1984;53(1):43–7

Ventilatory response during incremental exercise tests in weight lifters and endurance cyclists. Veicsteinas A, et al. **Eur J Applied Physiol** 1985;53(4):322–9

Dynamics and topography of human temperature regulation in response to thermal and work load. Werner J, et al. **Eur J Applied Physiol** 1985;53(4):353–8

Effect of dietary modifications on lactate threshold and onset of blood lactate accumulation during incremental exercise. Yoshida T. **Eur J Applied Physiol** 1984;53(3):200–5

Effect of exercise duration during incremental exercise on the determination of anaerobic threshold and the onset of blood lactate accumulation. Yoshida T. **Eur J Applied Physiol** 1984;53(3):196–9

Effect of diet on human muscle weakness following prolonged exercise. Young K, et al. **Eur J Applied Physiol** 1984;53(1):81–5

Effects of physical exercise on serum calcium and parathyroid hormone. Ljunghall S, et al. **Eur J Clin Invest** 1984 Dec;14(6):469–73

Physical exercise and binding of digoxin to skeletal muscle––effect of muscle activation frequency. Joreteg T, et al. **Eur J Clin Pharmacol** 1984;27(5):567–70

Maximal aerobic power and blood pressure in normotensive subjects after acute and chronic administration of metoprolol. van Baak M, et al. **Eur J Clin Pharmacol** 1985;28(2):143–8

Separate and combined effects of nadolol and nifedipine on the cardiac response to exercise. Wilkins MR, et al. **Eur J Clin Pharmacol** 1985;28(2):113–7

Physical conditioning in children with cardiorespiratory disease. Bar–Or O. **Exerc Sport Sci Rev** 1985;13:305–34 (171 ref.)

Exercise and locomotion for the spinal cord injured. Glaser RM. **Exerc Sport Sci Rev** 1985;13:263–303 (167 ref.)

Developmental aspects of maximal aerobic power in children. Krahenbuhl GS, et al. **Exerc Sport Sci Rev** 1985;13:503–38 (139 ref.)

Muscle blood flow during locomotory exercise. Laughlin MH, et al. **Exerc Sport Sci Rev** 1985;13:95–136 (161 ref.)

Adherence to exercise. Martin JE, et al. **Exerc Sport Sci Rev** 1985;13:137–67 (99 ref.)

Augmented information and the acquisition of skill in physical activity. Newell KM, et al. **Exerc Sport Sci Rev** 1985;13:235–61 (78 ref.)

Fluid shifts during exercise. Senay LC Jr, et al. **Exerc Sport Sci Rev** 1985;13:335–87 (138 ref.)

Regulation of hepatic glucose production during exercise. Winder WW. **Exerc Sport Sci Rev** 1985;13:1–31 (106 ref.)

Muscular exercise in type I–diabetics. II. Hormonal and metabolic responses to moderate exercise. Zander E, et al. **Exp Clin Endocrinol** 1985 Feb;85(1):95–104

Latencies and phosphomannosyl–enzyme receptors of lysosomal enzymes during the appearance and repair of exercise injuries in mouse skeletal muscles. Salminen A. **Exp Mol Pathol** 1984 Dec;41(3):409–18

Long–term effects of psychoemotional stress and tread–mill exercise on the microcirculatory system of rats. Herrmann HJ, et al. **Exp Pathol** 1984;26(3):171–8

The susceptibility to exercise–induced muscle damage increases as rats grow larger. Kasperek GJ, et al. **Experientia** 1985 May 15;41(5):616–7

Changes in the glutathione status of plasma, liver and muscle following exhaustive exercise in rats. Lew H, et al. **FEBS Lett** 1985 Jun 17;185(2):262–6

Control of adaptations in protein levels in response to exercise. Booth FW, et al. **Fed Proc** 1985 Apr;44(7):2293–300 (64 ref.)

Carbohydrate nutrition before, during, and after exercise. Costill DL. **Fed Proc** 1985 Feb;44(2):364–8

Pulmonary control systems in exercise: update. Dempsey JA, et al. **Fed Proc** 1985 Apr;44(7):2260–70 (68 ref.)

The contribution of neuroscience to exercise studies. Enoka RM, et al. **Fed Proc** 1985 Apr;44(7):2279–85 (49 ref.)

Body composition as affected by physical activity and nutrition. Forbes GB. **Fed Proc** 1985 Feb;44(2):343–7

Metabolism of substrates: energy substrate metabolism during exercise and as modified by training. Gollnick PD. **Fed Proc** 1985 Feb;44(2):353–7

Recent advances in temperature regulation during exercise in humans. Nadel ER. **Fed Proc** 1985 Apr;44(7):2286–92 (43 ref.)

Neural regulation of the cardiovascular system during exercise. Stone HL, et al. **Fed Proc** 1985 Apr;44(7):2271–8 (38 ref.)

Metabolism of substrates: diet, lipoprotein metabolism, and exercise. Wood PD, et al. **Fed Proc** 1985 Feb;44(2):358–63 (31 ref.)

Pergolide mesylate inhibits exercise–induced prolactin release in man. De Meirleir K, et al. **Fertil Steril** 1985 Apr;43(4):628–31

Cardiac output and gonadal steroids [letter] Loucks AB. **Fertil Steril** 1984 Nov;42(5):810–1

The role of beta–endorphins and catechol estrogens on the hypothalamic–pituitary axis in female athletes. Russell JB, et al. **Fertil Steril** 1984 Nov;42(5):690–5

Exercise and oligomenorrhea [letter] Schinfeld JS. **Fertil Steril** 1985 Aug;44(2):284–5

Exertional hypotension after myocardial infarction. Opasich C, et al. **G Ital Cardiol** 1984 Aug;14(8):614–7

Transitory corticosterone responses of ducks (Anas platyrhynchos) to exercise. Rees A, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):100–4

Osteoporosis: protective measures of nutrition and exercise. Goodman CE. **Geriatrics** 1985 Apr;40(4):59–60, 65–7, 70

Effect of heating on the contractile properties of triceps surae and maximal power output during jumping in elderly men. Davies CT, et al. **Gerontology** 1985;31(1):1–5

The influence of physical exercise on growth and sexual maturation in young female rats. Erich WB, et al. **Growth** 1985 Spring;49(1):131–40

Symptoms, exercise capacity and exercise hemodynamics: interrelationships and their role in quantification of the valvular lesion. Kraus F, et al. **Herz** 1984 Aug;9(4):187–99

Evidence for serotoninergic control of exercise–induced prolactin secretion. De Meirleir K, et al. **Horm Metab Res** 1985 Jul;17(7):380–1

Amelioration of streptozotocin–induced diabetes in the rat by exercise–training: role of muscle glycogenolytic and glycolytic enzyme activity. Narimiya M, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:67–70

Nifedipine does not impair the hormonal responses to graded exercise in healthy subjects. Joffe BI, et al. **Horm Res** 1985; 21(2):88–94

Comparison of pituitary responses to physical exercise in athletes and sedentary subjects. Rolandi E, et al. **Horm Res** 1985;21(4):209–13

Exertional chest pain in a five-year-old boy. Greenwood RD. **Hosp Pract [Off]** 1984 Nov;19(11):216, 219

Measurement of physical activity in population studies: a review. Montoye HJ, et al. **Hum Biol** 1984 May; 56(2):195–216

A job severity index for the evaluation and control of lifting injury. Liles DH, et al. **Hum Factors** 1984 Dec;26(6):683–93

Familial resemblance in maximal heart rate, blood lactate and aerobic power. Lesage R, et al. **Hum Hered** 1985; 35(3):182–9

Energy metabolism during exercise in normal subjects undergoing total starvation. Elia M, et al. **Hum Nutr Clin Nutr** 1984 Sep;38(5):355–62

Within-subjects between-weeks variation in 24-hour energy expenditure for fixed physical activity. Garby L, et al. **Hum Nutr Clin Nutr** 1984 Sep;38(5):391–4

Quality of heart rate control and powers of adaptation during physical work. Grebnyak NP. **Hum Physiol** 1983 Nov–Dec; 9(6):399–401

Effect of muscular exercise on gastric and pancreatic secretory function. Kuznetsov AP. **Hum Physiol** 1983 Nov–Dec;9(6):409–16

Individual differences in response of the cardiovascular system to standard exercise and parameters of water-electrolyte balance. Lobova IV, et al. **Hum Physiol** 1983 Nov–Dec;9(6):387–90

Effect of exercise on cation transport in human red cells. Adragna NC, et al. **Hypertension** 1985 Jan–Feb;7(1):132–9

Exercise training attenuates stress-induced hypertension in the rat. Cox RH, et al. **Hypertension** 1985 Sep–Oct; 7(5):747–51

Effects of cardioactive drugs on the beating activity of myocardial cell cultures isolated from offspring of trained and untrained pregnant rats. Butler AW, et al. **In Vitro** 1984 Aug;20(8):629–34

Effects of swimming exercise on circadian sleep–waking rhythms and brain serotonin metabolism in rats. Sudo A, et al. **Ind Health** 1984;22(3):153–61

Uniformity of increase in pulmonary diffusing capacity during submaximal exercise in normal young adults. Yasukouchi A. **Ind Health** 1984;22(3):137–51

Effect of swimming exercise on rat heart sarcolemmal ATPase activities. Murthy KR, et al. **Indian Heart J** 1984 Jul–Aug;36(4):223–5

Plasma LH, FSH, testosterone & LH response to GnRH during exercise in man. Sawhney RC, et al. **Indian J Med Res** 1984 Apr;79:523–8

Effects of training on the extent of experimental myocardial infarction in aging rats. Asha Devi S, et al. **Indian J Physiol Pharmacol** 1984 Oct–Dec;28(4):275–82

A study of pituitary–thyroid function during exercise in man. Sawhney RC, et al. **Indian J Physiol Pharmacol** 1984 Apr–Jun;28(2):153–8

The effects of an aerobic exercise program on psychological variables in older adults. Perri S 2d, et al. **Int J Aging Hum Dev** 1984–85;20(3):167–72

The effect of an 1100 km run on testicular, adrenal and thyroid hormones. Schürmeyer T, et al. **Int J Androl** 1984 Aug;7(4):276–82

The effects of aging after coronary arterial bypass grafting on the regulation of cardiac output during upright exercise. Iskandrian AS, et al. **Int J Cardiol** 1985 Apr;7(4):347–60

Prognostic implications of rest and exercise radionuclide ventriculography in patients with suspected or proven coronary heart disease. Iskandrian AS, et al. **Int J Cardiol** 1984 Dec;6(6):707–18

Cardiovascular implications of strenuous exercise. Northcote RJ, et al. **Int J Cardiol** 1985 May;8(1):3–12

The circulatory response to lifting and carrying and its modification by beta-adrenoceptor blockade. Silke B, et al. **Int J Cardiol** 1984 Oct;6(4):527–36

Cardiovascular response to mental stress: dynamic and isometric exercise in hypertensive patients treated with prizidilol hydrochloride (SK&F 92657). Costa FV, et al. **Int J Clin Pharmacol Res** 1984;4(5):373–9

Nitroderm TTS in exercise-induced angina pectoris—a randomized double-blind study. Colombo G, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Apr;23(4):211–4

Hemodynamic effects of acebutolol and propranolol in hypertensive patients during exercise. Reim HG, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 May;23(5):238–43

Assessment of methods for assigning treadmill exercise workloads for lean and obese women. Farrell PA, et al. **Int J Obes** 1985;9(1):49–58

Diet and exercise training effects on resting metabolic rate. Lennon D, et al. **Int J Obes** 1985;9(1):39–47

The effect of vigorous treadmill exercise on adipose tissue development in the Zucker rat. Seelbach JD, et al. **Int J Obes** 1985;9(1):11–9

Relationships between catecholamines in urine and physical and mental effort. Fibiger W, et al. **Int J Psychophysiol** 1984 Jun;1(4):325–33

Fast 'ON' and 'OFF' heart rate transients at different bicycle exercise levels. Araújo CG. **Int J Sports Med** 1985 Apr; 6(2):68–73

Effects of pedal frequency on VO2 and work output at lactate threshold (LT), fixed blood lactate concentrations of 2 mM and 4 mM, and max in competitive cyclists. Buchanan M, et al. **Int J Sports Med** 1985 Jun;6(3):163–8

Reduced hemoglobin concentration and red cell hemoglobinization in Italian marathon and ultramarathon runners. Casoni I, et al. **Int J Sports Med** 1985 Jun; 6(3):176–9

Acid–base balance during repeated bouts of exercise: influence of HCO3. Costill DL, et al. **Int J Sports Med** 1984 Oct;5(5):228–31

Habitual physical activity, training, and blood pressure in normo- and hypertension. Fagard R. **Int J Sports Med** 1985 Apr;6(2):57–67 (135 ref.)

Hemorrheology of marathon running. Galea G, et al. **Int J Sports Med** 1985 Jun;6(3):136–8

Fiber type distribution and maximal activities of enzymes involved in energy metabolism following short-term supramaximal exercise. Green HJ, et al. **Int J Sports Med** 1984 Aug;5(4):198–201

Variations of serum testosterone concentrations after physical exercises of different duration. Guglielmini C, et al. **Int J Sports Med** 1984 Oct;5(5):246–9

Pulmonary ventilation in relation to oxygen uptake and carbon dioxide production during incremental load work. Hagan RD, et al. **Int J Sports Med** 1984 Aug;5(4):193–7

Justification of the 4-mmol/l lactate threshold. Heck H, et al. **Int J Sports Med** 1985 Jun;6(3):117–30

Blood pressure response in relation to blood lactate during exercise in patients with essential hypertension. Karlsson J, et al. **Int J Sports Med** 1985 Jun;6(3):169–73

Angina pectoris and blood lactate concentration during graded exercise. Karlsson J, et al. **Int J Sports Med** 1984 Dec;5(6):348–51

Effects of muscle CHO-loading manipulations on hormonal responses during prolonged exercise. Lavoie JM, et al. **Int J Sports Med** 1985 Apr;6(2):95–9

Plasma catecholamine and blood lactate cumulation during incremental exhaustive exercise. Lehmann M, et al. **Int J Sports Med** 1985 Apr;6(2):78–81

Ventilatory and plasma lactate response with different exercise protocols: a comparison of methods. McLellan TM. **Int J Sports Med** 1985 Feb;6(1):30–5

Exercise-induced regulation of insulin receptor affinity: role of circulating metabolites. Michel G, et al. **Int J Sports Med** 1985 Apr;6(2):100–6

Influence of exercise and Dianabol on the degradation rate of myofibrillar proteins of the heart and three fiber types of skeletal muscle of female guinea pigs. Morano I. **Int J Sports Med** 1984 Dec;5(6):317–9

Exercises for knee flexors and extensors in uninjured soccer players: effects of two different programs. Oberg BE, et al. **Int J Sports Med** 1985 Jun;6(3):151–4

Effects of concentric and eccentric exercise on protein catabolism in man. Plante PD, et al. **Int J Sports Med** 1984 Aug;5(4):174–8

Effect of physical exercise and sleep deprivation on plasma androgen levels: modifying effect of physical fitness. Remes K, et al. **Int J Sports Med** 1985 Jun;6(3):131–5

Changes in HDL composition in female subjects following a 100-km run. Schriewer H, et al. **Int J Sports Med** 1984 Aug;5(4):209–12

Histochemical and metabolic changes in lower leg muscles in exercise-induced pain. Wallensten R, et al. **Int J Sports Med** 1984 Aug;5(4):202–8

Effect of hand-arm exercise on venous blood constituents during leg exercise. Wong N, et al. **Int J Sports Med** 1985 Apr;6(2):86–9

Vitamin C and physical working capacity. Buzina R, et al. **Int Z Vitam Ernahrungsforsch [Beih]** 1985;27:157–66

Comparative respiratory effects of ozone and ambient oxidant pollution exposure during heavy exercise. Avol EL, et al. **J Air Pollut Control Assoc** 1984 Aug;34(8):804–9

Exercise-induced anaphylaxis: a serious form of physical allergy associated with mast cell degranulation. Sheffer AL, et al. **J Allergy Clin Immunol** 1985 Apr;75(4):479–84

The occurrence of multiple physical allergies in the same patient: report of three cases. Sonin L, et al. **J Allergy Clin Immunol** 1985 Jun;75(6):705–8

Strenuous exercise with isotretinoin [letter] Del Campo DV. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):301

Strenuous exercise and elevated creatine phosphokinase in patients taking isotretinoin [letter] Lombardo JA, et al. **J Am Acad Dermatol** 1985 Mar;12(3):580

Left ventricular diastolic function in elite athletes with physiologic cardiac hypertrophy. Colan SD, et al. **J Am Coll Cardiol** 1985 Sep;6(3):545–9

Acute and long-term effects of enalapril on the cardiovascular response to exercise and exercise tolerance in patients with congestive heart failure. Creager MA, et al. **J Am Coll Cardiol** 1985 Jul;6(1):163–73

Use of clinical data in predicting improvement in exercise capacity after cardiac rehabilitation. Hammond HK, et al. **J Am Coll Cardiol** 1985 Jul;6(1):19–26

Effect of beta-adrenergic blockade with timolol on myocardial blood flow during exercise after myocardial infarction in the dog. Herzog CA, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1174–83

Spatial R wave amplitude changes during exercise: relation with left ventricular ischemia and function. Myers J, et al. **J Am Coll Cardiol** 1985 Sep;6(3):603–8

Exercise-induced atrioventricular block [letter] Wayne VS. **J Am Coll Cardiol** 1984 Nov;4(5):1068–9

Lactate production during maximal and submaximal exercise in patients with chronic heart failure. Weber KT, et al. **J Am Coll Cardiol** 1985 Oct;6(4):717–24

Effect of the renin–angiotensin system on limb circulation and metabolism during exercise in patients with heart failure. Wilson JR, et al. **J Am Coll Cardiol** 1985 Sep; 6(3):556–63

Observations on serum and red blood cell magnesium changes in treadmill exercise-induced cardiac ischemia. Chadda KD, et al. **J Am Coll Nutr** 1985;4(2):157–63

Physiologic changes during a marathon, with special reference to magnesium. Franz KB, et al. **J Am Coll Nutr** 1985;4(2):187–94

Effect of habitual physical activity on regulation of insulin-stimulated glucose disposal in older males. Hollenbeck CB, et al. **J Am Geriatr Soc** 1985 Apr; 33(4):273–7

Exercise increases osteophyte formation and diminishes fibrillation following chemically induced articular cartilage injury. Williams JM, et al. **J Anat** 1984 Dec;139 (Pt 4):599–611

Protein requirements of mature working horses. Patterson PH, et al. **J Anim Sci** 1985 Jul;61(1):187–96

Alveolar gas exchange during exercise: a single-breath analysis. Allen CJ, et al. **J Appl Physiol** 1984 Dec; 57(6):1704–9

Muscle blood flow patterns during exercise in partially curarized rats. Armstrong RB, et al. **J Appl Physiol** 1985 Mar;58(3):698–701

Mild exercise impedes glycogen repletion in muscle. Bonen A, et al. **J Appl Physiol** 1985 May;58(5):1622–9

Exercise performance following a carbohydrate load in chronic airflow obstruction. Brown SE, et al. **J Appl Physiol** 1985 Apr;58(4):1340–6

Effect of exercise duration on feed intake and body composition of Swiss albino mice. Bulbulian R, et al. **J Appl Physiol** 1985 Feb;58(2):500–5

Effects of exhaustive submaximal exercise on cardiovascular function during sleep. Bunnell DE, et al. **J Appl Physiol** 1985 Jun;58(6):1909–13

Intraerythrocyte and plasma osmolality during graded exercise in humans. Buono MJ, et al. **J Appl Physiol** 1985 Apr;58(4):1069–72

Differential effects of sauna-, diuretic-, and exercise-induced hypohydration. Caldwell JE, et al. **J Appl Physiol** 1984 Oct;57(4):1018–23

Epinephrine is unessential for stimulation of liver glycogenolysis during exercise. Carlson KI, et al. **J Appl Physiol** 1985 Feb;58(2):544–8

Potentially conflicting metabolic demands of diving and exercise in seals. Castellini MA, et al. **J Appl Physiol** 1985 Feb;58(2):392–9

Response to hypercapnia and exercise hyperpnea in graded anesthesia. Chonan T, et al. **J Appl Physiol** 1984 Dec; 57(6):1796–802

VO2 kinetics of constant-load exercise following bed-rest-induced deconditioning. Convertino VA, et al. **J Appl Physiol** 1984 Nov;57(5):1545–50

Kinetics of oxygen uptake and heart rate at onset of exercise in children. Cooper DM, et al. **J Appl Physiol** 1985 Jul; 59(1):211–7

Submaximal exercise responses of tetraplegics and paraplegics. Coutts KD, et al. **J Appl Physiol** 1985 Jul; 59(1):237–41

Substrate usage during prolonged exercise following a preexercise meal. Coyle EF, et al. **J Appl Physiol** 1985 Aug;59(2):429–33

Blood lactate disappearance at various intensities of recovery exercise. Dodd S, et al. **J Appl Physiol** 1984 Nov; 57(5):1462–5

Effect of elastic loading on ventilatory pattern during progressive exercise. D'Urzo AD, et al. **J Appl Physiol** 1985 Jul;59(1):34–8

Influence of exercise training on reactivity and contractility of arterial strips from hypertensive rats. Edwards JG, et al. **J Appl Physiol** 1985 May;58(5):1683–8

Hypoxemia increases plasma catecholamine concentrations in exercising humans. Escourrou P, et al. **J Appl Physiol** 1984 Nov;57(5):1507–11

Circulation and acid–base balance in exercising goats at different body temperatures. Feistkorn G, et al. **J Appl Physiol** 1984 Dec;57(6):1655–61

Temporal pattern of pulmonary gas exchange during exercise in ponies. Forster HV, et al. **J Appl Physiol** 1984 Sep; 57(3):760–7

Independence of exercise hypocapnia and limb movement frequency in ponies. Forster HV, et al. **J Appl Physiol** 1984 Dec;57(6):1885–93

Ventilation–perfusion inequality in normal humans during exercise at sea level and simulated altitude. Gale GE, et al. **J Appl Physiol** 1985 Mar;58(3):978–88

Gas exchange and lactate anaerobic thresholds: inter- and intraevaluator agreement. Gladden LB, et al. **J Appl Physiol** 1985 Jun;58(6):2082–9

Evaluation of vapor permeation through garments during exercise. Gonzalez RR, et al. **J Appl Physiol** 1985 Mar; 58(3):928–35

Effect of beta-adrenoceptor blockade on thermoregulation during prolonged exercise. Gordon NF, et al. **J Appl Physiol** 1985 Mar;58(3):899–906

A hemodynamic comparison of young and older endurance athletes during exercise. Hagberg JM, et al. **J Appl Physiol** 1985 Jun;58(6):2041–6

Exercise, dobutamine, and combined atropine, norepinephrine, and epinephrine compared. Haidet GC, et al. **J Appl Physiol** 1985 Jun;58(6):2047–53

Reduced training intensities and loss of aerobic power, endurance, and cardiac growth. Hickson RC, et al. **J Appl Physiol** 1985 Feb;58(2):492–9

Immediate effects of cigarette smoking on cardiorespiratory responses to exercise. Hirsch GL, et al. **J Appl Physiol** 1985 Jun;58(6):1975–81

An electromyographic study of elbow motion during postexercise muscle soreness. Howell JN, et al. **J Appl Physiol** 1985 May;58(5):1713–8

Inspiratory muscle function with restrictive chest wall loading during exercise in normal humans. Hussain SN, et al. **J Appl Physiol** 1985 Jun;58(6):2027–32

Effects of separate rib cage and abdominal restriction on exercise performance in normal humans. Hussain SN, et al. **J Appl Physiol** 1985 Jun;58(6):2020–6

Mechanical impedance as determinant of inspiratory neural drive during exercise in humans. Hussain SN, et al. **J Appl Physiol** 1985 Aug;59(2):365–75

Comparison of cardiac output during exercise by single-breath and CO2-rebreathing methods. Inman MD, et al. **J Appl Physiol** 1985 Apr;58(4):1372–7

Effect of beta-adrenergic blockade on lactate turnover in exercising dogs. Issekutz B Jr. **J Appl Physiol** 1984 Dec;57(6):1754–9

Effects of elevated and exercise-reduced muscle glycogen levels on insulin sensitivity. Ivy JL, et al. **J Appl Physiol** 1985 Jul;59(1):154–9

Peripheral factors influencing expression of pressor reflex evoked by muscular contraction. Iwamoto GA, et al. **J Appl Physiol** 1985 May;58(5):1676–82

Pressor reflex evoked by muscular contraction: contributions by neuraxis levels. Iwamoto GA, et al. **J Appl Physiol** 1985 Aug;59(2):459–67

Human maternal and fetal response to graded exercise. Jovanovic L, et al. **J Appl Physiol** 1985 May;58(5):1719–22

Effect of beta-adrenoceptor blockade on H+ and K+ flux in exercising humans. Katz A, et al. **J Appl Physiol** 1985 Aug;59(2):336–41

Glycogen depletion during prolonged exercise: influence of glucose, fructose, or placebo. Koivisto VA, et al. **J Appl Physiol** 1985 Mar;58(3):731–7

Effect of pH on metabolic and cardiorespiratory responses during progressive exercise. Kowalchuk JM, et al. **J Appl Physiol** 1984 Nov;57(5):1558–63

Ascending spinal pathways for somatoautonomic reflexes in the anesthetized dog. Kozelka JW, et al. **J Appl Physiol** 1985 Jun;58(6):1832–9

Hypothalamic, rectal, and muscle temperatures in exercising dogs: effect of cooling. Kruk B, et al. **J Appl Physiol** 1985 May;58(5):1444–8

Respiratory, cardiovascular, and metabolic adjustments to exercise in the Hereford calf. Kuhlmann WD, et al. **J Appl Physiol** 1985 Apr;58(4):1273–80

Effects of exercise training on coronary transport capacity. Laughlin MH. **J Appl Physiol** 1985 Feb;58(2):468–76

Metabolic control of cardiac output response to exercise in McArdle's disease. Lewis SF, et al. **J Appl Physiol** 1984 Dec;57(6):1749–53

Role of muscle mass and mode of contraction in circulatory responses to exercise. Lewis SF, et al. **J Appl Physiol** 1985 Jan;58(1):146–51

Lipoproteins, lipoprotein lipase, and glycogen after prolonged physical activity. Lithell H, et al. **J Appl Physiol** 1984 Sep;57(3):698–702

Arterial-alveolar CO2 equilibration in exercising dogs during prolonged rebreathing. Loeppky JA, et al. **J Appl Physiol** 1985 May;58(5):1654–8

Function of mature coronary collateral vessels and cardiac performance in the exercising dog. Longhurst JC, et al. **J Appl Physiol** 1985 Aug;59(2):392–400

Torque-velocity relationship in isokinetic cycling exercise. McCartney N, et al. **J Appl Physiol** 1985 May;58(5):1459–62

Arterial blood pressure response to heavy resistance exercise. MacDougall JD, et al. **J Appl Physiol** 1985 Mar;58(3):785–90

Volumetric responses of right and left ventricles during upright exercise in normal subjects. Mahler DA, et al. **J Appl Physiol** 1985 Jun;58(6):1818–22

Lack of effect of exercise on platelet activation and platelet reactivity. Mant MJ, et al. **J Appl Physiol** 1984 Nov;57(5):1333–7

Blood viscosity responses to maximal exercise in endurance-trained and sedentary female subjects. Martin DG, et al. **J Appl Physiol** 1985 Aug;59(2):348–53

A rodent treadmill for inhalation toxicological studies and respirometry. Mautz WJ, et al. **J Appl Physiol** 1985 Feb;58(2):673–9

Changes in the VI–VCO2 relationship during exercise in goats: role of carotid bodies. Mitchell GS, et al. **J Appl Physiol** 1984 Dec;57(6):1894–900

In vivo 31P-NMR in human muscle: transient patterns with exercise. Molé PA, et al. **J Appl Physiol** 1985 Jul;59(1):101–4

Spontaneous running activity in male rats: effect of age. Mondon CE, et al. **J Appl Physiol** 1985 May;58(5):1553–7

Two-dimensional short-term model of oxygen uptake kinetics. Morton RH. **J Appl Physiol** 1985 May;58(5):1736–40

Leukocyte kinetics in the human lung: role of exercise and catecholamines. Muir AL, et al. **J Appl Physiol** 1984 Sep;57(3):711–9

Scaling of added loads to breathing: magnitude estimation vs. handgrip matching. Muza SR, et al. **J Appl Physiol** 1984 Sep;57(3):888–91

Plasma volume changes in middle-aged male and female subjects during marathon running. Myhre LG, et al. **J Appl Physiol** 1985 Aug;59(2):559–63

Exercise-induced changes in blood zinc and related proteins in humans. Ohno H, et al. **J Appl Physiol** 1985 May;58(5):1453–8

O2 transport in ponies during treadmill exercise. Pan LG, et al. **J Appl Physiol** 1984 Sep;57(3):744–52

Cardiodynamic variables and ventilation during treadmill exercise in ponies. Pan LG, et al. **J Appl Physiol** 1984 Sep;57(3):753–9

Diaphragmatic fatigue in normoxia and hyperoxia. Pardy RL, et al. **J Appl Physiol** 1985 Mar;58(3):738–42

Effects of exercise training on plasma lipids and lipoproteins in rats. Pels AE 3d, et al. **J Appl Physiol** 1985 Feb;58(2):612–8

Free dopamine in dog plasma: lack of relationship with sympathoadrenal activity. Pequignot JM, et al. **J Appl Physiol** 1985 Mar;58(3):763–9

Work performance in iron deficiency of increasing severity. Perkkiö MV, et al. **J Appl Physiol** 1985 May;58(5):1477–80

Central control of cardiovascular adjustments to exercise. Perski A, et al. **J Appl Physiol** 1985 Feb;58(2):431–5

Ventilatory changes during exercise and arterial PCO2 oscillations in chronic airway obstruction patients. Prior JG, et al. **J Appl Physiol** 1985 Jun;58(6):1942–8

Physiological responses to exercise at 47 and 66 ATA. Salzano JV, et al. **J Appl Physiol** 1984 Oct;57(4):1055–68

Heat exchange during upper- and lower-body exercise. Sawka MN, et al. **J Appl Physiol** 1984 Oct;57(4):1050–4

Effects of transfusion-induced polycythemia on O2 transport during exercise in the dog. Schumacker PT, et al. **J Appl Physiol** 1985 Mar;58(3):749–58

Effect of central hypervolemia on cardiac performance during exercise. Sheldahl LM, et al. **J Appl Physiol** 1984 Dec;57(6):1662–7

Muscle and femoral vein temperatures during short-term maximal exercise in heart failure. Shellock FG, et al. **J Appl Physiol** 1985 Feb;58(2):400–8

Effect of a 42.2-km footrace and subsequent rest or exercise on muscular strength and work capacity. Sherman WM, et al. **J Appl Physiol** 1984 Dec;57(6):1668–73

Effect of normoxemic and hypoxemic exercise on renin and aldosterone. Shigeoka JW, et al. **J Appl Physiol** 1985 Jul;59(1):142–8

Metabolic response of equine muscle to intermittent maximal exercise. Snow DH, et al. **J Appl Physiol** 1985 May;58(5):1689–97

Bradykinin-induced chemoreflexes from skeletal muscle: implications for the exercise reflex. Stebbins CL, et al. **J Appl Physiol** 1985 Jul;59(1):56–63

Acute cardiorespiratory responses of hypertensive rats to swimming and treadmill exercise. Sturek ML, et al. **J Appl Physiol** 1984 Nov;57(5):1328–32

Cardiorespiratory reflexes from muscles during dynamic and static exercise in the dog. Tallarida G, et al. **J Appl Physiol** 1985 Mar;58(3):844–52

Modification of the cutaneous vascular response to exercise by local skin temperature. Taylor WF, et al. **J Appl Physiol** 1984 Dec;57(6):1878–84

Comparison of thermal responses between rest and leg exercise in water. Toner MM, et al. **J Appl Physiol** 1985 Jul;59(1):248–53

Diffusion limitation in normal humans during exercise at sea level and simulated altitude. Torre-Bueno JR, et al. **J Appl Physiol** 1985 Mar;58(3):989–95

Patellar tendon matrix changes associated with aging and voluntary exercise. Vailas AC, et al. **J Appl Physiol** 1985 May;58(5):1572–6

Temporal delay of venous blood correlates with onset of exercise hyperpnea. VanBenthuysen KM, et al. **J Appl Physiol** 1984 Sep;57(3):874–80

Effect of exercise on plasma interferon levels. Viti A, et al. **J Appl Physiol** 1985 Aug;59(2):426–8

Effect of positive-pressure breathing on cardiovascular and thermoregulatory responses to exercise. Vroman NB, et al. **J Appl Physiol** 1985 Mar;58(3):876–81

Effect of hematocrit reduction on hormonal and metabolic responses to exercise. Wasserman DH, et al. **J Appl Physiol** 1985 Apr;58(4):1257–62

Chronic exercise and left ventricular structure and function in healthy human subjects. Wolfe LA, et al. **J Appl Physiol** 1985 Feb;58(2):409–15

Effect of endurance exercise training on ventilatory function in older individuals. Yerg JE 2d, et al. **J Appl Physiol** 1985 Mar;58(3):791–4

Respiratory mechanics and breathing pattern during and following maximal exercise. Younes M, et al. **J Appl Physiol** 1984 Dec;57(6):1773–82

Cardiac rehabilitation after myocardial infarction. Shah SJ, et al. **J Assoc Physicians India** 1984 Jun;32(6):517–9

Effect of subject effort on pulmonary function measures: a preliminary investigation. Harm DL, et al. **J Asthma** 1984;21(5):295–8

Effects of propranolol and exercise on cardiac dynamics and organ blood flow distribution in dogs. Dumont L, et al. **J Auton Pharmacol** 1984 Dec;4(4):251–6

The control of speed in elite female speed skaters. van Ingen *Schenau GJ, et al. **J Biomech** 1985;18(2):91–6*

An application of optimization methods to evaluate conditioning intervals. Repperger DW, et al. **J Biomech Eng** 1985 Feb;107(1):57–61

Functional performance after tibial rotationplasty. Murray MP, et al. **J Bone Joint Surg [Am]** 1985 Mar;67(3):392–9

Antihypertensive effects on blood pressure at rest and during exercise of calcium antagonists, beta-receptor blockers, and their combination in hypertensive patients. Franz IW, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 7:S1037–42

Acute and long-term effects of nitrendipine on resting and exercise hemodynamics in essential hypertension. Nannan ME, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 7:S1043–8

Plasma aldosterone, cortisol and electrolyte concentrations in physical exercise after magnesium supplementation. Golf SW, et al. **J Clin Chem Clin Biochem** 1984 Nov;22(11):717–21

Exercise-induced prolactin release is related to anaerobiosis. De Meirleir KL, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1250–2

Evidence that prednisone-induced myopathy is reversed by physical training. Horber FF, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):83–8

Exercise-induced stress responses of amenorrheic and eumenorrheic runners. Loucks AB, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1109–20

Physical exercise-induced changes and season-associated differences in the pituitary-ovarian function of runners and joggers. Ronkainen H, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):416–22

Effects of exercise training on in vivo insulin action in individual tissues of the rat. James DE, et al. **J Clin Invest** 1985 Aug;76(2):657–66

Muscle cell electrical hyperpolarization and reduced exercise hyperkalemia in physically conditioned dogs. Knochel JP, et al. **J Clin Invest** 1985 Feb;75(2):740–5

Excess purine degradation in exercising muscles of patients with glycogen storage disease types V and VII. Mineo I, et al. **J Clin Invest** 1985 Aug;76(2):556–60

Interactions between glucagon and other counterregulatory hormones during normoglycemic and hypoglycemic exercise in dogs. Wasserman DH, et al. **J Clin Invest** 1984 Oct;74(4):1404–13

Stress and activity management: group treatment for cancer patients and spouses. Heinrich RL, et al. **J Consult Clin Psychol** 1985 Aug;53(4):439–46

Behavioral control of exercise in sedentary adults: studies 1 through 6. Martin JE, et al. **J Consult Clin Psychol** 1984 Oct;52(5):795–811

Significance of ST-segment and T wave changes in the resting electrocardiograms of patients with exertional angina, studied by exercise radionuclide angiocardiograms. Sugishita Y, et al. **J Electrocardiol** 1985 Apr;18(2):175–84

Plasma beta-endorphin levels after exercise [letter] De Meirleir, et al. **J Endocrinol Invest** 1985 Feb;8(1):89

Respiratory and cardiovascular responses of the exercising chicken to spinal cord cooling at different ambient temperatures. I. Cardiovascular responses and blood gases. Barnas GM, et al. **J Exp Biol** 1985 Jan;114:415–26

Metabolic and circulatory limitations to VO2 max at the whole animal level. di Prampero PE. **J Exp Biol** 1985 Mar;115:319–31

Respiratory and cardiovascular responses of the exercising chicken to spinal cord cooling at different ambient temperatures. II. Respiratory responses. Gleeson M, et al. **J Exp Biol** 1985 Jan;114:427–41

Malleability of the system in overcoming limitations: functional elements. Saltin B. **J Exp Biol** 1985 Mar;115:345–54

Metabolic and circulatory limitations to muscular performance at the organ level. Terjung RL, et al. **J Exp Biol** 1985 Mar;115:307–18

Superoxide dismutase and catalase in skeletal muscle: adaptive response to exercise. Higuchi M, et al. **J Gerontol** 1985 May;40(3):281–6

Effects of raised air pressure on the cardio-respiratory function during exercise in man. Fukuba Y. **J Hum Ergol (Tokyo)** 1983 Dec;12(2):121–9

The effects of daytime exercise on night sleep. Matsumoto K, et al. **J Hum Ergol (Tokyo)** 1984 Sep;13(1):31–6

Convective and evaporative heat transfer coefficients of the persons in different activities. Nag PK. **J Hum Ergol (Tokyo)** 1984 Sep;13(1):43–9

Heart rate responses to a repetitive load carrying task. Zerbib Y, et al. **J Hum Ergol (Tokyo)** 1983 Dec;12(2):131–41

The effect of a new calcium channel blocker nicardipine on 24-hour ambulatory blood pressure and the pressor response to isometric and dynamic exercise. Jones RI, et al. **J Hypertens** 1983 Jun;1(1):85–9

Haemodynamic effects of nifedipine in essential hypertension at rest and during exercise. Lund-Johansen P, et al. **J Hypertens** 1983 Aug;1(2):159–63

The influence of sex, age, blood pressure and physical stress on beta 2-adrenoceptor density of mononuclear cells. Middeke M, et al. **J Hypertens** 1984 Jun;2(3):261–4

Long-term effects on central haemodynamics and body fluid volumes of ketanserin in essential hypertension studies at rest and during dynamic exercise. Omvik P, et al. **J Hypertens** 1983 Dec;1(4):405–12

Effects of prostaglandin synthesis inhibition on blood pressure and humoral factors in exercising, sodium-deplete normal man. Staessen J, et al. **J Hypertens** 1983 Aug; 1(2):123-30

Neutron activation studies and the effect of exercise on osteoporosis. Harrison JE. **J Med** 1984;15(4):285-94

Research in the physiology of exercise and sports. Novich MM. **J Med Soc NJ** 1985 Apr;82(4):295-9

Effects of strenuous exercise on the quantitative morphology of left ventricular myocardium in the rat. Anversa P, et al. **J Mol Cell Cardiol** 1985 Jun;17(6):587-95

Effects of physical activity and other types of stress on catecholamine metabolism in various animal species. Matlina E. **J Neural Transm** 1984;60(1):11-8

High-energy phosphate compounds in slow-twitch and fast-twitch muscle fibres. Changes during exercise in some neuromuscular diseases. Rehunen S, et al. **J Neurol Sci** 1985 Mar;67(3):299-306

Effects of chronic stress and exercise on age-related changes in end-plate architecture. Rosenheimer JL. **J Neurophysiol** 1985 Jun;53(6):1582-9

Effects of dietary protein and exercise on brown adipose tissue and energy balance in experimental animals. Bell RR, et al. **J Nutr** 1984 Oct;114(10):1900-8

Nitrogen balance in men with adequate and deficient energy intake at three levels of work. Todd KS, et al. **J Nutr** 1984 Nov;114(11):2107-18

Effects of an SCBA on breathing pattern, gas exchange, and heart rate during exercise. Louhevaara V, et al. **J Occup Med** 1985 Mar;27(3):213-6

Comparison of mechanical work and metabolic energy consumption during normal gait. Burdett RG, et al. **J Orthop Res** 1983;1(1):63-72

Bone density in women: college athletes and older athletic women. Jacobson PC, et al. **J Orthop Res** 1984;2(4):328-32

Effect of diet and controlled exercise on weight loss in obese children. Epstein LH, et al. **J Pediatr** 1985 Sep; 107(3):358-61

Effects of nisoldipine on cardiocirculatory dynamics and cardiac output distribution in conscious rats at rest and during treadmill exercise. Drexler H, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):376-81

The role of spinal cord transmission in the ventilatory response to exercise in man. Adams L, et al. **J Physiol (Lond)** 1984 Oct;355:85-97

Is the voluntary control of exercise in man necessary for the ventilatory response? Adams L, et al. **J Physiol (Lond)** 1984 Oct;355:71-83

Rate of change of alveolar carbon dioxide and the control of ventilation during exercise. Allen CJ, et al. **J Physiol (Lond)** 1984 Oct;355:1-9

Exercise-induced arterial hypoxaemia in healthy human subjects at sea level. Dempsey JA, et al. **J Physiol (Lond)** 1984 Oct;355:161-75

Post-exercise ketosis in post-prandial exercise: effect of glucose and alanine ingestion in humans. Koeslag JH, et al. **J Physiol (Lond)** 1985 Jan;358:395-403

Partial neuromuscular blockade and cardiovascular responses to static exercise in man. Leonard B, et al. **J Physiol (Lond)** 1985 Feb;359:365-79

Psychological factors associated with maintenance of improved health behaviors in postcoronary patients. Finnegan DL, et al. **J Psychol** 1985 Jan;119(1):87-94

Sudden death in sport before and after introduction of the Basic Fitness Test. Lynch P, et al. **J R Army Med Corps** 1985 Feb;131(1):42-6

Health professionals view on exercise—a study. Bassey EJ, et al. **J R Soc Health** 1984 Dec;104(6):225-8

Exertional angio-oedema. Clement M, et al. **J R Soc Med** 1984 Nov;77(11):961-2

Normative beliefs of school children concerning regular exercise. Godin G, et al. **J Sch Health** 1984 Dec; 54(11):443-5

Cardiorespiratory responses to 'aerobic dance'. Blyth M, et al. **J Sports Med Phys Fitness** 1985 Mar-Jun;25(1-2):57-64

Cardiovascular response to maximal exercise in active elderly healthy people. Cupelli V, et al. **J Sports Med Phys Fitness** 1984 Dec;24(4):273-9

Rebound of blood pressure after exercise. Imachi Y, et al. **J Sports Med Phys Fitness** 1984 Dec;24(4):286-9

Pituitary and gonadal secretory variations and control mechanism during physical exercise. Métivier G. **J Sports Med Phys Fitness** 1985 Mar-Jun;25(1-2):18-26

Comparison of serum apoproteins between physically active and inactive groups. Nagao N, et al. **J Sports Med Phys Fitness** 1984 Sep;24(3):219-24

Cardiospecific creatine kinase after strenuous exercise in female athletes. Ohman EM, et al. **J Sports Med Phys Fitness** 1984 Sep;24(3):270-2

Changes in dopamine-beta-hydroxylase, and copper, and catecholamine concentrations in human plasma with physical exercise. Ohno H, et al. **J Sports Med Phys Fitness** 1984 Dec;24(4):315-20

Effects of short physical exercise on the concentrations of alpha 1-microglobulin and beta 2-microglobulin in human plasma. Ohno H, et al. **J Sports Med Phys Fitness** 1985 Mar-Jun;25(1-2):65-8

Do mental and physical performances have different patterns in elderly? Pirani A, et al. **J Sports Med Phys Fitness** 1984 Dec;24(4):303-6

A trend analysis of steady state oxygen consumption during arm crank ergometry. Powers SK, et al. **J Sports Med Phys Fitness** 1984 Jun;24(2):131-4

The effect of speed of isokinetic exercise on training transfer to isometric strength in the quadriceps muscle. Seaborne D, et al. **J Sports Med Phys Fitness** 1984 Sep;24(3):183-8

Effects of aerobic dancing and walking on cardiovascular function and muscular strength in postmenopausal women. White MK, et al. **J Sports Med Phys Fitness** 1984 Jun; 24(2):159-66

Diurnal interindividual differences in the habitual activity pattern of top level athletes. Zani A, et al. **J Sports Med Phys Fitness** 1984 Dec;24(4):307-10

Exercises in the elderly—benefits, precautions and recommendations. Gluck FW Jr. **J Tenn Med Assoc** 1985 Mar;78(3):162-3

Ocular effects of gravity inversion [letter] **JAMA** 1985 Aug 9;254(6):755-6

Changes in blood rheology produced by exercise [letter] Ernst E. **JAMA** 1985 May 24-31;253(20):2962-3

Postexercise proteinuria in humans. Facts and mechanisms. Poortmans JR. **JAMA** 1985 Jan 11;253(2):236-40

The immunology of exercise. A brief review. Simon HB. **JAMA** 1984 Nov 16;252(19):2735-8 (20 ref.)

Effects of sublingual isosorbide dinitrate on left ventricular performance during exercise in patients with myocardial infarction. Fukui S, et al. **Jpn Circ J** 1984 Oct; 48(10):1057-65

Effect on exercise tolerance and pharmacokinetics of conventional and sustained release preparations of propranolol in patients with angina pectoris—a double-blind cross-over study. Kambara H, et al. **Jpn Circ J** 1984 Oct;48(10):1066-73

Effects of long use of a beta-blocker, carteolol, on exercise hemodynamics in hypertensives. Katori R, et al. **Jpn Circ J** 1985 Jan;49(1).52-60

Evaluation of effects of aging, training and myocardial ischemia on cardiac reserve by exercise echocardiography. Mizutani Y, et al. **Jpn Circ J** 1984 Sep;48(9):969-79

Effect of coenzyme Q10 on the stress-induced decrease of cardiac performance in pediatric patients with mitral valve prolapse. Oda T, et al. **Jpn Circ J** 1984 Dec;48(12):1387

Physiological significance of the slope of the regression equation between oxygen consumption and heart rate in exercise testing. Sunagawa H, et al. **Jpn Circ J** 1984 Dec; 48(12):1399-401

Improved myocardial ischemia and left ventricular function during exercise after successful percutaneous transluminal coronary angioplasty. Suzuki S, et al. **Jpn Circ J** 1985 Jun; 49(6):635-42

Plasma thromboxane B2, 6-keto PGF1 alpha and cyclic nucleotides levels as related to treadmill exercise test in patients with ischemic heart disease. Yajima M, et al. **Jpn Circ J** 1985 Jan;49(1):38-45

Effects of nifedipine and diltiazem on hemodynamic responses at rest and during exercise in hypertensive patients. Yamakado T, et al. **Jpn Circ J** 1985 Apr; 49(4):415-21

Quantitative and qualitative analysis of the relationship between exercise-induced R wave amplitude changes and severity of coronary artery disease. de Caprio L, et al. **Jpn Heart J** 1984 Nov;25(6):923-35

Simultaneous changes of left ventricular and left atrial size and function in normal subjects during exercise. Furukawa K. et al. **Jpn Heart J** 1984 Jul;25(4):487-97

Effects of L-carnitine on exercise tolerance in patients with stable angina pectoris. Kamikawa T, et al. **Jpn Heart J** 1984 Jul;25(4):587-97

Attenuation of exercise-induced R wave increase after diltiazem in effort angina pectoris. Kubota I, et al. **Jpn Heart J** 1984 Nov;25(6):937-45

Effects of S-596, a new beta-adrenoceptor blocking agent on the left ventricular performance of normal subjects during exercise. Nishida K, et al. **Jpn Heart J** 1985 May; 26(3):437-49

The effect of nitrate on the oxygen availability during exercise in effort angina pectoris. Yamabe H, et al. **Jpn Heart J** 1984 Nov;25(6):1019-28

Exercise capacity correlating to exercise hemodynamics in coronary artery disease. Yamabe H, et al. **Jpn Heart J** 1985 Mar;26(2):145-54

The effect of blood volume changes accompanying isotonic circumstances on plasma antidiuretic hormone levels in normal subjects. Tanaka S, et al. **Jpn J Med** 1985 Feb; 24(1):30-3

Cardiorespiratory dynamics in men in response to passive work. Nakazono Y, et al. **Jpn J Physiol** 1985;35(1):33-43

Peak blood lactate after 400 m sprinting in sprinters and long-distance runners. Ohkuwa T, et al. **Jpn J Physiol** 1984; 34(3):553-6

Oxygen deficit and anaerobic threshold in the incremental exercise in normoxia and hypoxia. Yano T, et al. **Jpn J Physiol** 1984;34(6):1129-33

Cardiovascular and metabolic responses to submaximal exercise in hemodialysis patients. Kettner A, et al. **Kidney Int** 1984 Jul;26(1):66-71

Physical activity decreases the number of beta-adrenergic receptors on human lymphocytes. Krawietz W, et al. **Klin Wochenschr** 1985 Jan 15;63(2):73-8

A modified voluntary running wheel for laboratory animals. Campagna PD. **Lab Anim Sci** 1984 Aug;34(4):397-8

'Anaemia' in athletes [editorial] **Lancet** 1985 Jun 29; 1(8444):1490-1

Bradycardia, ventricular pauses, syncope, and sports [letter] **Lancet** 1984 Oct 27;2(8409):990-1

Anorexia nervosa presenting as morbid exercising [letter] Chalmers J, et al. **Lancet** 1985 Feb 2;1(8423):286-7

Muscular training for acute and chronic back pain [letter] Plum P, et al. **Lancet** 1985 Feb 23;1(8426):453-4

Anorexia nervosa presenting as morbid exercising [letter] Waldstreicher J. **Lancet** 1985 Apr 27;1(8435):987

Effect of endurance training and chronic isoproterenol treatment on skeletal muscle sensitivity to norepinephrine. Côté C, et al. **Life Sci** 1985 Aug 26;37(8):695-701

Central dopaminergic activity influences rats ability to exercise. Heyes MP, et al. **Life Sci** 1985 Feb 18;36(7):671-7

The effect of ageing and exercise on skeletal muscle function. Fitts RH, et al. **Mech Ageing Dev** 1984 Oct 15;27(2):161-72

Symposium on medical aspects of exercise. **Med Clin North Am** 1985 Jan;69(1):1-214

Medical psychology in exercise and sport. Dishman RK. **Med Clin North Am** 1985 Jan;69(1):123-43 (208 ref.)

Nutrition and exercise. Elliot DL, et al. **Med Clin North Am** 1985 Jan;69(1):71-82 (95 ref.)

Exercise for the elderly. Fitzgerald PL. **Med Clin North Am** 1985 Jan;69(1):189-96 (57 ref.)

The effect of physical activity on lipid and lipoprotein levels. Goldberg L, et al. **Med Clin North Am** 1985 Jan;69(1):41-55 (122 ref.)

The physiologic sequelae of chronic dynamic exercise. Hammond HK, et al. **Med Clin North Am** 1985 Jan; 69(1):21-39 (80 ref.)

Physical activity levels and coronary heart disease. Analysis of epidemiologic and supporting studies. Leon AS. **Med Clin North Am** 1985 Jan;69(1):3-20 (96 ref.)

Exercise during pregnancy. Morton MJ, et al. **Med Clin North Am** 1985 Jan;69(1):97-108

Exercise stress testing in the management of cardiac rhythm disorders. Podrid PJ, et al. **Med Clin North Am** 1984 Sep; 68(5):1139-52

Drugs and exercise. Rosenbloom D, et al. **Med Clin North Am** 1985 Jan;69(1):177-87 (46 ref.)

Exercise and sudden cardiac death [editorial] Freeman Z. **Med J Aust** 1985 Apr 1;142(7):383-4

The effects of exercise on platelet numbers and size. Peatfield RC, et al. **Med Lab Sci** 1985 Jan;42(1):40-3

Exertional heat injury. **Med Lett Drugs Ther** 1985 Jun 21; 27(690):55-6

1985 American College of Sports Medicine annual meeting abstracts. May 26-29, Nashville, Tennessee. **Med Sci Sports Exerc** 1985 Apr;17(2):181-294

Mechanisms of exercise-induced delayed onset muscular soreness: a brief review. Armstrong RB. **Med Sci Sports Exerc** 1984 Dec;16(6):529-38 (148 ref.)

Maximal ventilation after exhausting exercise. Bender PR, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):164-7

Anaerobic threshold: review of the concept and directions for future research. Brooks GA. **Med Sci Sports Exerc** 1985 Feb;17(1):22-34 (55 ref.)

Submaximal exercise quantified as percent of normoxic and hyperoxic maximum oxygen uptakes. Byrnes WC, et al. **Med Sci Sports Exerc** 1984 Dec;16(6):572-7

Endurance exercise and pregnancy outcome. Clapp JF 3d, et al. **Med Sci Sports Exerc** 1984 Dec;16(6):556-62

Responses of pre- and post-menopausal females to aerobic conditioning. Cowan MM, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):138-43

Anaerobic threshold: review of the concept and directions for future research. Davis JA. **Med Sci Sports Exerc** 1985 Feb;17(1):6-21 (85 ref.)

Effects of aerobic training on fat distribution in male subjects. Després JP, et al. **Med Sci Sports Exerc** 1985 Feb; 17(1):113-8

Effect of exercise on oxygen consumption, heart rate, and the electrocardiogram of pigs. Faraci FM, et al. **Med Sci Sports Exerc** 1984 Aug;16(4):406-10

Exercise and endorphins—male responses. Farrell PA. **Med Sci Sports Exerc** 1985 Feb;17(1):89-93

Effect of carbohydrate feeding frequencies and dosage on muscle glycogen use during exercise. Fielding RA, et al. **Med Sci Sports Exerc** 1985 Aug;17(4):472-6

Effect of training on the exercise responses of neuromuscular disease patients. Florence JM, et al. **Med Sci Sports Exerc** 1984 Oct;16(5):460-5

Factors related to adherence to an exercise program for healthy adults. Gale JB, et al. **Med Sci Sports Exerc** 1984 Dec;16(6):544-9

The maximum physiological responses during incremental wheelchair and arm cranking exercise in male paraplegics. Gass GC, et al. **Med Sci Sports Exerc** 1984 Aug;16(4):355-9

Exercise during pregnancy: maternal and fetal responses. A brief review. Gorski J. **Med Sci Sports Exerc** 1985 Aug; 17(4):407-16 (91 ref.)

Endorphins: what are they? How are they measured? What is their role in exercise? Grossman A, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):74-81 (29 ref.)

Pathophysiology of exercise performance in muscle disease. Haller RG, et al. **Med Sci Sports Exerc** 1984 Oct; 16(5):456-9

Effect of fructose ingestion on muscle glycogen usage during exercise. Hargreaves M, et al. **Med Sci Sports Exerc** 1985 Jun;17(3):360-3

Effects of high-intensity strength training on cardiovascular function. Hurley BF, et al. **Med Sci Sports Exerc** 1984 Oct; 16(5):483-8

Evaluation of acute cardiorespiratory responses to hydraulic resistance exercise. Katch FI, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):168-73

Effects of chronic beta-adrenergic blockade on hemodynamic and metabolic responses to endurance training. Lawlor MR, et al. **Med Sci Sports Exerc** 1985 Jun;17(3):393–400

Clinical disorders of muscle energy metabolism. Layzer RB, et al. **Med Sci Sports Exerc** 1984 Oct;16(5):451–5

Exercise and human neuromuscular diseases: a symposium overview. Lewis SF. **Med Sci Sports Exerc** 1984 Oct;16(5):449–50

Neuromuscular diseases as models of cardiovascular regulation during exercise. Lewis SF, et al. **Med Sci Sports Exerc** 1984 Oct;16(5):466–71

Athletic amenorrhea: a review. Loucks AB, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):56–72 (86 ref.)

Endorphins and exercise in females: possible connection with reproductive dysfunction. McArthur JW. **Med Sci Sports Exerc** 1985 Feb;17(1):82–8

Affective beneficence of vigorous physical activity. Morgan WP. **Med Sci Sports Exerc** 1985 Feb;17(1):94–100 (45 ref.)

VO2max responses in separate and combined arm and leg air-braked ergometer exercise. Nagle FJ, et al. **Med Sci Sports Exerc** 1984 Dec;16(6):563–6

Effects of acute cold exposure on submaximal endurance performance. Patton JF, et al. **Med Sci Sports Exerc** 1984 Oct;16(5):494–7

Effects of dieting and exercise on lean body mass, oxygen uptake, and strength. Pavlou KN, et al. **Med Sci Sports Exerc** 1985 Aug;17(4):466–71

Physiological responses to prolonged upper-body exercise. Pimental NA, et al. **Med Sci Sports Exerc** 1984 Aug;16(4):360–5

Plasma volume and protein content in progressive exercise: influence of cyclooxygenase inhibitors. Pivarnik J, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):153–7

Death during recreational exercise in the State of Rhode Island. Ragosta M, et al. **Med Sci Sports Exerc** 1984 Aug;16(4):339–42

Some circulatory responses to exercise at different times of day. Reilly T, et al. **Med Sci Sports Exerc** 1984 Oct;16(5):477–82

Mechanical energy changes during treadmill running. Sakurai S, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):148–52

Physiological characteristics of classical ballet. Schantz PG, et al. **Med Sci Sports Exerc** 1984 Oct;16(5):472–6

Validation of noninvasive maximal cardiac output measurement. Smyth RJ, et al. **Med Sci Sports Exerc** 1984 Oct;16(5):512–5

Haptoglobin and serum enzymatic response to maximal exercise in relation to physical fitness. Spitler DL, et al. **Med Sci Sports Exerc** 1984 Aug;16(4):366–70

Delayed menarche in swimmers in relation to age at onset of training and athletic performance. Stager JM, et al. **Med Sci Sports Exerc** 1984 Dec;16(6):550–5

Increase of free and total testosterone during submaximal exercise in normal males. Vogel RB, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):119–23

Response, regulation, and actions of vasopressin during exercise: a review. Wade CE. **Med Sci Sports Exerc** 1984 Oct;16(5):506–11 (76 ref.)

Alterations in breast morphology consequent to a 21-day bust developer program. Wilmore JH, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):106–12

Control of hepatic glucose production during exercise. Winder WW. **Med Sci Sports Exerc** 1985 Feb;17(1):2–5

Exercise activation of myocardial lipoprotein lipase in male and estrogen-treated female rats. Goldberg DI, et al. **Metabolism** 1984 Oct;33(10):964–9

Relationship between zinc intake, physical activity, and blood levels of high-density lipoprotein cholesterol in a healthy elderly population. Goodwin JS, et al. **Metabolism** 1985 Jun;34(6):519–23

Effect of epinephrine on carbohydrate metabolism in exercising dogs. Issekutz B Jr. **Metabolism** 1985 May;34(5):457–64

Exercise-induced hepatic glucose output is precisely sensitive to the rate of systemic glucose supply. Jenkins AB, et al. **Metabolism** 1985 May;34(5):431–6

Effect of exercise training on glucose tolerance, in vivo insulin sensitivity, lipid and lipoprotein concentrations in middle-aged men with mild hypertriglyceridemia. Lampman RM, et al. **Metabolism** 1985 Mar;34(3):205–11

The effects of exercise and a moderate hypercholesterolemic diet on plasma and hepatic lipoproteins in the rat. Mela DJ, et al. **Metabolism** 1984 Oct;33(10):916–21

The effects of exercise and weight loss on plasma lipids in young obese men. Sopko G, et al. **Metabolism** 1985 Mar;34(3):227–36

The effects of caloric restriction or exercise cessation on the serum lipid and lipoprotein concentrations of endurance athletes. Thompson PD, et al. **Metabolism** 1984 Oct;33(10):943–50

Effect of increased physical activity on voluntary intake in lean women. Woo R, et al. **Metabolism** 1985 Sep;34(9):836–41

Effects of virus infection on physical performance in man. Daniels WL, et al. **Milit Med** 1985 Jan;150(1):8–14

The effect of carried loads on the combative movement performance of men and women. Martin PE, et al. **Milit Med** 1985 Jul;150(7):357–62

The assessment of improved physiologic function with a short term exercise program in mildly to moderately obese people. South-Paul JE, et al. **Milit Med** 1985 Mar;150(3):135–7

Exercise-induced menstrual disorders [letter] **N Engl J Med** 1985 Sep 26;313(13):825–7

Exercise and sudden cardiac death [letter] **N Engl J Med** 1985 Jan 17;312(3):183–5

Induction of menstrual disorders by strenuous exercise in untrained women. Bullen BA, et al. **N Engl J Med** 1985 May 23;312(21):1349–53

Catecholamine modulation of rapid potassium shifts during exercise. Williams ME, et al. **N Engl J Med** 1985 Mar 28;312(13):823–7

Effect of clonidine on serum potassium changes during exercise [letter] Wittert G, et al. **N Engl J Med** 1985 Aug 1;313(5):327–8

Adverse effect of exercise on immune complex-mediated glomerulonephritis. Cornacoff JB, et al. **Nephron** 1985;40(3):292–6

Plasma potassium and blood pH following physical exercise in dialysis patients [letter] Huber W, et al. **Nephron** 1985;40(3):383–4

Oxygen uptake in exercising subjects with minimal renal disease. Parrish AE, et al. **Nephron** 1985;40(4):455–7

Effect of exercise on longevity, body weight, locomotor performance, and passive-avoidance memory of C57BL/6J mice. Samorajski T, et al. **Neurobiol Aging** 1985 Spring;6(1):17–24

ATP degradation products after ischemic exercise: hereditary lack of phosphorylase or carnitine palmityltransferase. Bertorini TE, et al. **Neurology** 1985 Sep;35(9):1355–7

Activity, creatine kinase, and myoglobin in Duchenne muscular dystrophy: a clue to etiology? Florence JM, et al. **Neurology** 1985 May;35(5):758–61

Metabolic basis of improved exercise tolerance: muscle phosphorylase deficiency after glucagon administration. Kono N, et al. **Neurology** 1984 Nov;34(11):1471–6

Cardiovascular responses and the sense of effort during attempts to contract paralysed muscles: role of the spinal cord. Hobbs SF, et al. **Neurosci Lett** 1985 Jun 4;57(1):85–90

Development of a tool for diagnosing changes in concern about exercise: a means of enhancing compliance. Jordan-Marsh M. **Nurs Res** 1985 Mar–Apr;34(2):103–7

Exercise and sports for children with specific chronic illnesses. Latinis-Bridges B, et al. **Nurse Pract** 1985 May;10(5):22–4, 27–30

Counseling and health screening for children entering sports and physical exercise. Siegel BS. **Nurse Pract** 1985 May;10(5):11–2, 17–21

Thermoregulation during aerobic exercise in pregnancy. Jones RL, et al. **Obstet Gynecol** 1985 Mar;65(3):340–5

Using NIOSH lifting guide decreases risks of back injuries. Liles DH, et al. **Occup Health Saf** 1985 Feb;54(2):57–60

Widely publicized jogging deaths don't negate the benefits of exercise. Polakoff PL. **Occup Health Saf** 1985 May;54(5):60, 62

The scotopic threshold of the human retina during static physical effort. Abraham FA, et al. **Ophthalmic Res** 1984;16(6):322–4

Scotopic threshold of the human retina during dynamic physical effort. Abraham FA, et al. **Ophthalmic Res** 1984;16(6):334–6

A rate-responsive pacemaker controlled by right ventricular blood temperature. Jolgren D, et al. **PACE** 1984 Sep;7(5):794–801

The relationship between activity and chronic back pain. Linton SJ. **Pain** 1985 Mar;21(3):289–94

Two separate components of pain produced by the submaximal effort tourniquet test. Pertovaara A, et al. **Pain** 1984 Sep;20(1):53–8

Exercise and the heart. A review of cardiac pathology associated with physical activity. Virmani R, et al. **Pathol Annu** 1985;20 Pt 2:431–62 (101 ref.)

Childhood obesity. Epstein LH, et al. **Pediatr Clin North Am** 1985 Apr;32(2):363–79 (41 ref.)

Growth-related changes in oxygen uptake and heart rate during progressive exercise in children. Cooper DM, et al. **Pediatr Res** 1984 Sep;18(9):845–51

Effects of exercise training on brain opioid peptides and serum LH in female rats. Blake MJ, et al. **Peptides (Fayetteville)** 1984 Sep–Oct;5(5):953–8

Physical exercise, social background, and the well-being of older adult women. Coleman M, et al. **Percept Mot Skills** 1985 Jun;60(3):737–8

Effects of a systematic program of exercise on selected measures of creativity. Gondola JC, et al. **Percept Mot Skills** 1985 Feb;60(1):53–4

A simple procedure for evaluating exercise-based health promotion programs in a worksite. Gray SW. **Percept Mot Skills** 1984 Aug;59(1):143–6

On the association of effort and force of handgrip. Krombholz H. **Percept Mot Skills** 1985 Feb;60(1):161–2

Perceived health and exercise: a cross-lagged panel correlation. Salminen S. **Percept Mot Skills** 1985 Apr;60(2):637–8

Effects of exercise on choice reaction latency and movement speed. Williams LR, et al. **Percept Mot Skills** 1985 Feb;60(1):67–71

Chemoreflex drive of ventilation during exercise in ducks. Faraci FM, et al. **Pflugers Arch** 1984 Oct;402(2):162–5

Redistribution of glucose uptake by chronic exercise, measured in isolated perfused rat hearts. Kainulainen H, et al. **Pflugers Arch** 1985 Mar;403(3):296–300

NADH in human skeletal muscle during short-term intense exercise. Sahlin K. **Pflugers Arch** 1985 Feb;403(2):193–6

Results of studies of potential light spectrum effects on human performance. Irvine AB, et al. **Photochem Photobiol** 1985 Jun;41(6):655–9

Effect of procurement cost on the drinking of a saccharin-sucrose solution by non-deprived rats. Gannon KN, et al. **Physiol Behav** 1984 Dec;33(6):917–21

Dietary obesity and exercise in young rats. Hill JO, et al. **Physiol Behav** 1984 Aug;33(2):321–8

A test of the carbon-nitrogen balance technique to measure body composition of exercising animals. Massaro TF, et al. **Physiol Behav** 1984 Apr;32(4):521–5

The influence of exercise on dental pain thresholds and the release of stress hormones. Pertovaara A, et al. **Physiol Behav** 1984 Dec;33(6):923–6

Metabolic fuel homeostasis in Syrian hamsters: nycthemeral and exercise variables. Rowland N. **Physiol Behav** 1984 Aug;33(2):243–52

Perception of drinking water temperature and effects for humans after exercise. Sandick BL, et al. **Physiol Behav** 1984 May;32(5):851–5

Effect of procurement wheel running on the rate of drinking in rats. Smith HV, et al. **Physiol Behav** 1984 Dec;33(6):927–30

Effects on thermal stress and exercise on blood volume in humans. Harrison MH. **Physiol Rev** 1985 Jan;65(1):149–209 (296 ref.)

Maternal and fetal responses to exercise during pregnancy. Lotgering FK, et al. **Physiol Rev** 1985 Jan;65(1):1–36 (226 ref.)

Effect of caffeine on rest- and excitation-dependent calcium exchange in ventricular muscle of guinea pig heart. Lewartowski B, et al. **Pol J Pharmacol Pharm** 1984 Nov–Dec;36(6):617–24

Effects of sports and exercise in pregnancy. With guidelines for patients. Maeder EC. **Postgrad Med** 1985 Feb 1;77(2):112, 114

Exercise therapy for anxiety and depression. 1. Does the evidence justify its recommendation? Mellion MB. **Postgrad Med** 1985 Feb 15;77(3):59–62, 66 (19 ref.)

Behaviour modification and exercise in the treatment of obesity. Blundell JE. **Postgrad Med J** 1984;60 Suppl 3:37–49

Haemodynamic effects of intravenous nicardipine during upright exercise in patients with stable angina pectoris. Jackson NC, et al. **Postgrad Med J** 1984;60 Suppl 4:11–6

Immediate and longer-term effects of nicardipine, at rest and during exercise, in patients with coronary artery disease. Visser CA, et al. **Postgrad Med J** 1984;60 Suppl 4:17–20

Promoting exercise from general practice [editorial] Macauley DC. **Practitioner** 1984 Nov;228(1397):991–3

Clinical evaluation of exercise and sleep disorders. Spratling L, et al. **Primary Care** 1985 Jun;12(2):317–40

Changes in plasma proenkephalin peptide F and catecholamine levels during graded exercise in men. Kraemer WJ, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6349–51

Disruption of estrous cycles in exercise-trained rats. Carlberg KA, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):21–4

Prolactin responses to chronic exercise in males. Kaufman FL, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):546–8

Normal and abnormal heart rate responses to exercise. Hammond HK, et al. **Prog Cardiovasc Dis** 1985 Jan–Feb;27(4):271–96 (114 ref.)

Cardiac adaptations to chronic exercise. Schaible TF, et al. **Prog Cardiovasc Dis** 1985 Mar–Apr;27(5):297–324

Changes in urinary 3-methylhistidine/creatinine ratio in human subjects after strenuous exercise. Dohm GL, et al. **Prog Clin Biol Res** 1985;180:607–9

Effect of eccentric exercise on muscle protein degradation. Kasperek GJ, et al. **Prog Clin Biol Res** 1985;180:611–3

Influence of naloxone on antidepressant drug effects in the forced swimming test in mice. Devoize JL, et al. **Psychopharmacology (Berlin)** 1984;84(1):71–5

Effects of prolonged sleep deprivation, with and without chronic physical exercise, on mood and performance. Angus RG, et al. **Psychophysiology** 1985 May;22(3):276–82

Cardiopulmonary adjustments during exercise and an aversive reaction time task: effects of beta-adrenoceptor blockade. Langer AW, et al. **Psychophysiology** 1985 Jan;22(1):59–68

Heart rate and oxygen consumption during mental arithmetic, a video game, and graded exercise: further evidence of metabolically-exaggerated cardiac adjustments? Turner JR, et al. **Psychophysiology** 1985 May;22(3):261–7

Relationships between exercise or physical activity and other health behaviors. Blair SN, et al. **Public Health Rep** 1985 Mar–Apr;100(2):172–80

Physical activity, exercise, and physical fitness: definitions and distinctions for health-related research. Caspersen CJ, et al. **Public Health Rep** 1985 Mar–Apr;100(2):126–31

The determinants of physical activity and exercise. Dishman RK, et al. **Public Health Rep** 1985 Mar–Apr;100(2):158–71 (72 ref.)

Physical activity research and coronary heart disease [editorial] Friedewald WT. **Public Health Rep** 1985 Mar–Apr;100(2):115–7

Physical activity and exercise to achieve health-related physical fitness components. Haskell WL, et al. **Public Health Rep** 1985 Mar–Apr;100(2):202–12

The promotion of physical activity in the United States population: the status of programs in medical, worksite, community, and school settings. Iverson DC, et al.

Public Health Rep 1985 Mar-Apr;100(2):212-24

The risks of exercise: a public health view of injuries and hazards. Koplan JP, et al. **Public Health Rep** 1985 Mar-Apr;100(2):189-95

Assessment of physical activity in epidemiologic research: problems and prospects. LaPorte RE, et al. **Public Health Rep** 1985 Mar-Apr;100(2):131-46 (88 ref.)

Physical activity, behavioral epidemiology, and public health [editorial] Mason JO, et al. **Public Health Rep** 1985 Mar-Apr;100(2):113-5

Workshop on Epidemiologic and Public Health Aspects of Physical Activity and Exercise: a summary. Powell KE, et al. **Public Health Rep** 1985 Mar-Apr;100(2):118-26

The disease-specific benefits and risks of physical activity and exercise. Siscovick DS, et al. **Public Health Rep** 1985 Mar-Apr;100(2):180-8

A descriptive epidemiology of leisure-time physical activity. Stephens T, et al. **Public Health Rep** 1985 Mar-Apr;100(2):147-58

The relation of physical activity and exercise to mental health. Taylor CB, et al. **Public Health Rep** 1985 Mar-Apr;100(2):195-202

Portal venous hemodynamics in chronic liver disease: effects of posture change and exercise. Ohnishi K, et al. **Radiology** 1985 Jun;155(3):757-61

Measurement of mixed venous carbon dioxide pressure by rebreathing during exercise. Alves da Silva G, et al. **Respir Physiol** 1985 Mar;59(3):379-92

Characteristics of the ventilatory exercise stimulus. Bennett FM, et al. **Respir Physiol** 1985 Jan;59(1):55-63

Acid-base regulation during exercise and recovery in the blue crab, Callinectes sapidus. Booth CE, et al. **Respir Physiol** 1984 Dec;58(3):359-76

Gas exchange analysis of immediate CO2 storage at onset of exercise. Hughson RL, et al. **Respir Physiol** 1985 Mar;59(3):265-78

Gas exchange during exercise in hypoxic ducks. Kiley JP, et al. **Respir Physiol** 1985 Jan;59(1):105-15

Pulmonary haemodynamics at rest and during exercise in patients with sarcoidosis. Gluskowski J, et al. **Respiration** 1984;46(1):26-32

Maximal ventilation at rest and exercise in patients with chronic pulmonary disease. Mohan-Kumar T, et al. **Respiration** 1984;46(3):291-302

Effect of breathing pattern on dead space ventilation VD/VT during exercise. Mohsenifar Z, et al. **Respiration** 1985;47(3):232-6

Pancreatic polypeptide response to exercise. Effect of alanine and glucose ingestion in carbohydrate-starved athletes. Koeslag JH, et al. **S Afr Med J** 1985 Jun 1;67(22):884-7

Physiological and biochemical measurements during a 4-day surf-ski marathon. Noakes TD, et al. **S Afr Med J** 1985 Feb 9;67(6):212-6

Dance--a suitable form of exercise? A physiological appraisal. Pepper MS. **S Afr Med J** 1984 Dec 8;66(23):883-8 (41 ref.)

Exercise in patients with chronic obstructive pulmonary disease. Stewart RI. **S Afr Med J** 1985 Jan 19;67(3):87-9 (16 ref.)

Effect of physical exercise on plasma melatonin levels in normal volunteers. Theron JJ, et al. **S Afr Med J** 1984 Dec 1;66(22):838-41

Energy expenditure of paraplegic marathon runners measured during a wheelchair marathon. Asayama K, et al. **Sangyo Ika Daigaku Zasshi** 1984 Jun 1;6(2):121-30

Metabolic responses to physical training in young insulin-dependent diabetics. Baevre H, et al. **Scand J Clin Lab Invest** 1985 Apr;45(2):109-14

Platelet number and platelet volume in healthy young men during exercise and changes in posture. Jensen PN, et al. **Scand J Clin Lab Invest** 1984 Dec;44(8):735-8

The effect of physical stress on gastric secretion and pancreatic polypeptide levels in man. Oktedalen O, et al. **Scand J Gastroenterol** 1984 Sep;19(6):770-8

Intra-abdominal pressure and trunk muscle activity during lifting. III. Effect of abdominal muscle training in chronic low-back patients. Hemborg B, et al. **Scand J Rehabil Med** 1985;17(1):15-24

Intra-abdominal pressure and trunk muscle activity during lifting. II. Chronic low-back patients. Hemborg B, et al. **Scand J Rehabil Med** 1985;17(1):5-13

Intra-abdominal pressure and trunk muscle activity during lifting. IV. The causal factors of the intra-abdominal pressure rise. Hemborg B, et al. **Scand J Rehabil Med** 1985;17(1):25-38

Hip joint load and muscular activation during rising exercises. Németh G, et al. **Scand J Rehabil Med** 1984;16(3):93-102

Hip load moments and muscular activity during lifting. Németh G, et al. **Scand J Rehabil Med** 1984;16(3):103-11

Geographical and socioeconomic distribution of physical activity at work and leisure time and its relation to morbidity in a Swedish rural county. Haglund BJ. **Scand J Soc Med** 1984;12(4):155-64

Relation of alcohol, physical activity, dietary fat and smoking to serum HDL and total cholesterol in young Finnish men. Salonen JT, et al. **Scand J Soc Med** 1985;13(3):99-102

Cardiovascular responses to static exercise. Hietanen E. **Scand J Work Environ Health** 1984 Dec;10(6 Spec No):397-402

Physical load on the cardiovascular system in different work tasks. Ilmarinen J. **Scand J Work Environ Health** 1984 Dec;10(6 Spec No):403-8

Physical activity and cardiovascular morbidity. Karvonen MJ. **Scand J Work Environ Health** 1984 Dec;10(6 Spec No):389-95 (43 ref.)

Sleep interruption and exercise. Bunnell DE, et al. **Sleep** 1984;7(3):261-71

Exercise, high-density lipoprotein-cholesterol, and cardiorespiratory function in climacteric women. Busby J, et al. **South Med J** 1985 Jul;78(7):769-73

Ammonia as an indicator of exercise stress implications of recent findings to sports medicine. Banister EW, et al. **Sports Med** 1985 Jan-Feb;2(1):34-46 (83 ref.)

Anorexia nervosa and exercise. Implications from recent findings. Blumenthal JA, et al. **Sports Med** 1985 Jul-Aug;2(4):237-47

Exercise and the asthmatic. Bundgaard A. **Sports Med** 1985 Jul-Aug;2(4):254-66

A critical review of the literature on ratings scales for perceived exertion. Carton RL, et al. **Sports Med** 1985 May-Jun;2(3):198-222 (180 ref.)

Effectiveness of carbohydrate feeding in delaying fatigue during prolonged exercise. Coyle EF, et al. **Sports Med** 1984 Nov-Dec;1(6):446-58 (49 ref.)

The regular menstrual cycle and athletic performance. Eston RG. **Sports Med** 1984 Nov-Dec;1(6):431-45 (106 ref.)

Exercise, performance and temperature control: temperature regulation during exercise and implications for sports performance and training. Fortney SM, et al. **Sports Med** 1985 Jan-Feb;2(1):8-20 (57 ref.)

Exercise testing, training and arm ergometry. Franklin BA. **Sports Med** 1985 Mar-Apr;2(2):100-19 (92 ref.)

Muscular exercise and fatigue. Gibson H, et al. **Sports Med** 1985 Mar-Apr;2(2):120-32

Bicarbonate ingestion and anaerobic performance. Gledhill N. **Sports Med** 1984 May-Jun;1(3):177-80 (11 ref.)

Endorphins and exercise. Harber VJ, et al. **Sports Med** 1984 Mar-Apr;1(2):154-71

Diet and exercise in the regulation of plasma lipids and lipoproteins in patients at risk of coronary disease. Hartung GH. **Sports Med** 1984 Nov-Dec;1(6):413-8 (22 ref.)

Aspirin in exercise-induced hyperthermia. Evidence for and against its role. Johnson SC, et al. **Sports Med** 1985 Jan-Feb;2(1):1-7 (39 ref.)

Physiological correlates of heat intolerance. Kenney WL. **Sports Med** 1985 Jul-Aug;2(4):279-86

Gross energy cost of horizontal treadmill and track running. Léger L, et al. **Sports Med** 1984 Jul-Aug;1(4):270-7 (28 ref.)

The importance of protein for athletes. Lemon PW, et al. **Sports Med** 1984 Nov-Dec;1(6):474-84 (53 ref.)

Exercise, coronary heart disease and risk factors. A brief report. Poole GW. **Sports Med** 1984 Sep-Oct;1(5):341-9 (48 ref.)

Exercise and renal function. Poortmans JR. **Sports Med** 1984 Mar-Apr;1(2):125-53

Gonadal steroids in athletic women contraception, complications and performance. Prior JC, et al. **Sports Med** 1985 Jul-Aug;2(4):287-95

Warming-up and stretching for improved physical performance and prevention of sports-related injuries. Shellock FG, et al. **Sports Med** 1985 Jul-Aug;2(4):267-78

Adaptation to exercise in the cold. Shephard RJ. **Sports Med** 1985 Jan-Feb;2(1):59-71 (114 ref.)

The impact of exercise upon medical costs. Shephard RJ. **Sports Med** 1985 Mar-Apr;2(2):133-43

Physical activity and child health. Shephard RJ. **Sports Med** 1984 May-Jun;1(3):205-33 (376 ref.)

The effects of exercise-training on energy balance and adipose tissue morphology and metabolism. Tremblay A, et al. **Sports Med** 1985 May-Jun;2(3):223-33 (74 ref.)

Effects of mitral valve surgery on static lung function and exercise performance. Rhodes KM, et al. **Thorax** 1985 Feb;40(2):107-12

Exercise-induced platelet activation in myocardial infarction survivors with normal coronary arteriogram. Douste-Blazy P, et al. **Thromb Haemost** 1984 Dec 29;52(3):297-300

Can physical exercise induce an effective fibrinolysis? Dufaux B, et al. **Thromb Res** 1984 Oct 1;36(1):37-43

Clearance of modified plasminogen produced in the circulation after strenuous exercise. Yamamoto J, et al. **Thromb Res** 1984 Oct 1;36(1):67-71

Exercise-induced ventricular dysfunction: reversible by hemodialysis. Wizemann V, et al. **Trans Am Soc Artif Intern Organs** 1984;30:567-70

Decrease in body insulation with exercise in cool water. Park YS, et al. **Undersea Biomed Res** 1984 Jun;11(2):159-68

Effect of bedding on the incidence of exercise induced pulmonary haemorrhage in racehorses in Hong Kong. Mason DK, et al. **Vet Rec** 1984 Sep 15;115(11):268-9

The role of physical activity in disease prevention and treatment. Yeater RA, et al. **W Va Med J** 1985 Feb;81(2):35-9

The disuse syndrome. Bortz WM 2d. **West J Med** 1984 Nov;141(5):691-4

Exercise for patients with neuromuscular diseases [letter] Norris FH. **West J Med** 1985 Feb;142(2):261

Healthy exercise. Oberman A. **West J Med** 1984 Dec;141(6):864-71 (62 ref.)

The effect of training and physical exercise on the energetic metabolism of equine erythrocytes. Debski B. **Zentralbl Veterinarmed** [A] 1985 Mar;32(3):190-5

[Testing of lung function during exercise in healthy adults] He D. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Jun;7(3):162-5, 192 (Eng. Abstr.) (Chi)

[Changes in microquantitative proteinuria in diabetes mellitus patients after exercise test] Qiu CL. **Chung Hua Nei Ko Tsa Chih** 1984 Aug;23(8):465-8, 524 (Eng. Abstr.) (Chi)

[Medicine--prevention--exercise] Bartoš S. **Cas Lek Cesk** 1984 Jul 20;123(29):890-2 (Eng. Abstr.) (Cze)

[The effect of short-term exhausting physical stress on the lipoprotein spectrum and on additional lipid parameters in sera] Brodan V, et al. **Cas Lek Cesk** 1985 Mar 29;124(13):390-4 (Eng. Abstr.) (Cze)

[Isopotential ECG mapping at rest and after loading in a control group, in leading runners and in patients with ischemic heart disease] Brodan V, et al. **Cas Lek Cesk** 1984 Jul 20;123(29):893-8 (Eng. Abstr.) (Cze)

[Determination of the anaerobic threshold with regard to the individual functional state using changes within the parameters of the acid-base equilibrium] Bunc V, et al. **Cas Lek Cesk** 1984 Jul 20;123(29):899-903 (Eng. Abstr.) (Cze)

[The effect of physical activity in obese subjects on the levels of cortisol, glucagon and beta-endorphins in the blood] Sonka J, et al. **Cas Lek Cesk** 1985 Feb 15;124(7):201-4 (Eng. Abstr.) (Cze)

[The response of plasma catecholamines in increased loading of trained runners and controls] Veselková A, et al. **Cas Lek Cesk** 1985 Feb 15;124(7):205-9 (Eng. Abstr.) (Cze)

[Changes in magnesium levels in erythrocytes, serum and urine in healthy persons after physical exertion] Vizinová H, et al. **Cas Lek Cesk** 1985 May 3;124(18):566-9 (Eng. Abstr.) (Cze)

[Platelet alpha2-adrenergic receptors in essential hypertension. Methods of determining specific binding using (3H)-dihydroergocryptine and the effect of physical exertion] Přikryl P, et al. **Vnitr Lek** 1985 Aug;31(8):744-8 (Eng. Abstr.) (Cze)

[Neuroendocrine response to physical stress after myocardial infarct] Přikryl P, et al. **Vnitr Lek** 1984 Nov;30(11):1052-9 (Eng. Abstr.) (Cze)

[The composition of skeletal muscle--an important factor in the pathogenesis of obesity in men] Vondra K, et al. **Vnitr Lek** 1985 Aug;31(8):762-8 (Eng. Abstr.) (Cze)

[Endurance training and menstruation] Hansen IL, et al. **Ugeskr Laeger** 1984 Jul 2;146(27):2004-5 (Eng. Abstr.) (Dan)

[Physical inactivity among young adults. An interview of the health activities in 917 individuals aged 25-44 years] Holt P, et al. **Ugeskr Laeger** 1984 Oct 15;146(42):3219-23 (Eng. Abstr.) (Dan)

[Motor development in schoolchildren. When is treatment required?] Michelsen N, et al. **Ugeskr Laeger** 1984 May 14;146(20):1507-11 (Eng. Abstr.) (Dan)

[Plasma concentrations of C-peptide and glucose during glucose tolerance tests. The effects of running] Mikkelsen S, et al. **Ugeskr Laeger** 1985 Jan 21;147(4):256-8 (Eng. Abstr.) (Dan)

[Exertion syncope in aortic stenosis] Sennels F, et al. **Ugeskr Laeger** 1984 Dec 10;146(50):3910-3 (Eng. Abstr.) (Dan)

[Compartment syndrome of the lower leg due to physical stress] Kuipers H, et al. **Ned Tijdschr Geneeskd** 1985 Mar 23;129(12):546-50 (Eng. Abstr.) (Dut)

[Hemoglobin Linköping and physical performance] Lahtinen R, et al. **Duodecim** 1985;101(2):173-8 (Eng. Abstr.) (Fin)

[Role of the exercise thallium test and ventriculography in ischemic heart disease] Pöyhönen L. **Duodecim** 1984;100(21):1403-12 (Fin)

[Assessment of physical condition and the effects of training] Vuori I. **Duodecim** 1984;100(21):1480-94 (Fin)

[Exercise-induced left-branch block without cardiac pathology] Friart A, et al. **Acta Clin Belg** 1985;40(3):155-60 (Eng. Abstr.) (Fre)

[Trial of labetalol in effort angina pectoris] Broustet JP, et al. **Ann Cardiol Angeiol (Paris)** 1985 Mar;34(3):171-6 (Fre)

[Experimental study of the effects of 6 nonamphetamine psychostimulants on effort hyperammonemia in the rat] Guinard F, et al. **Ann Pharm Fr** 1984;42(3):265-70 (Eng. Abstr.) (Fre)

[Energetic equivalent of the production of plasma lactate during running of supramaximal intensity] Camus G, et al. **Arch Int Physiol Biochim** 1984 Dec;92(5):361-7 (Eng. Abstr.) (Fre)

[Electric activity of the rectus femoris in supramaximal running] Camus G, et al. **Arch Int Physiol Biochim** 1985 Jun;93(2):75-81 (Eng. Abstr.) (Fre)

[Course of ejection fraction, regurgitation fraction and ventricular volumes during exertion in chronic aortic insufficiency. Study using technetium 99m gamma-cineangiography] Bassand JP, et al. **Arch Mal Coeur** 1985 Jun;78(6):889-97 (Eng. Abstr.) (Fre)

[Changes in the global electromyogram during static exercise: effect of age] Camus G, et al. **C R Soc Biol (Paris)** 1984;178(5):567-71 (Eng. Abstr.) (Fre)

[Variations in circulating levels of prolactin and growth hormone during physical exercise in man: influence of the intensity of the workout] Nguyen NU, et al. **C R Soc Biol (Paris)** 1984;178(4):450-7 (Eng. Abstr.) (Fre)

[Ventricular function in the normal subject and the coronary patient following exercise] Noreau L, et al. **Can J Appl Sport Sci** 1984 Sep;9(3):133–40 (Eng. Abstr.) (Fre)

[Transcutaneous measurement of PO2 in healthy subjects and in arteriopathy patients during the exercise test] Ambrosi C, et al. **J Mal Vasc** 1985;10(1):37–42 (Eng. Abstr.) (Fre)

[HDL cholesterol and physical training: comparative study of a group of sedentary with a group of athletic young subjects] Rouillon JD, et al. **Pathol Biol (Paris)** 1985 Mar; 33(3):202–4 (Eng. Abstr.) (Fre)

[Relations between physical exertion and protein-energy metabolism. Application to nutritional support of hospitalized patients] Matuchansky C, et al. **Presse Med** 1985 Jun 1;14(22):1237–40 (35 ref.) (Eng. Abstr.) (Fre)

[Anaphylaxis induced by exertion and related to dietary allergy (letter)] Sabbah A, et al. **Presse Med** 1984 Nov 3;13(39):2390–1 (Fre)

[Ergometric validation of a questionnaire on the physical activity in 2 Swiss towns] Gutzwiller F, et al. **Rev Epidemiol Sante Publique** 1985;33(2):103–7 (Eng Abstr.) (Fre)

[Energy metabolism during recovery from exercise] Bielinski R, et al. **Rev Med Suisse Romande** 1984 Oct;104(10):771–8 (Fre)

[Morphologic and functional transformation of muscle fibers induced by training] Howald H. **Rev Med Suisse Romande** 1984 Oct;104(10):757–69 (36 ref.) (Fre)

[The heart and physical exercise] Jaeger M. **Rev Med Suisse Romande** 1984 Oct;104(10):801–6 (Fre)

[The etiology of wounds and lesions caused by overload in sports] Segesser B. **Rev Med Suisse Romande** 1984 Oct; 104(10):779–82 (Fre)

[Steady-state carbon monoxide transfer during progressive muscular exercise in patients. Relation to PaO2. Value of specific VCO] Bréant J, et al. **Rev Pneumol Clin** 1985; 41(2):121–8 (Eng. Abstr.) (Fre)

[Global ventricular function and synchronism of contraction during and after exertion] Righetti A, et al. **Schweiz Med Wochenschr** 1984 Nov 10;114(45):1607–11 (Eng. Abstr.) (Fre)

[Cardiorespiratory and metabolic variations during long-term (2 h.) submaximal exercise (p = 40% of P max.) under hypothermal conditions (zero C)] Vogelaere P, et al. **Schweiz Z Sportmed** 1985 Mar;33(1):13–20 (Eng. Abstr.) (Fre)

[Corticosterone and muscular effort in rats] Frini M, et al. **Tunis Med** 1984 Dec;62(8):619–24 (Eng. Abstr.) (Fre)

[Aptitude for physical exercise in nonathletic 9 to 12-year-old Tunisian children] Jeddi E, et al. **Tunis Med** 1983 Nov–Dec;61(6):421–9 (Eng. Abstr.) (Fre)

[Plasma norepinephrine and cardiac sympathetic activity during dynamic exercise in man: what is the relationship?] Cousineau D, et al. **Union Med Can** 1985 Feb;114(2):109–12, 114 (Eng. Abstr.) (Fre)

[Promoting health and the habit of physical activity] Godin G, et al. **Union Med Can** 1985 Apr;114(4):338–41 (Eng. Abstr.) (Fre)

[Malignant hyperthermia in halothane-sensitive swine following maximal neuromotor stress] Pohlann R, et al. **Arch Exp Veterinarmed** 1984 May;38(3):302–10 (Eng. Abstr.) (Ger)

[Effect of exercise treadmill training on the distribution of fiber types and fiber diameter in the semitendinous muscle of swine] Salomon FV, et al. **Arch Exp Veterinarmed** 1984 Nov;38(6):800–6 (Eng. Abstr.) (Ger)

[Effects of various beta-receptor blockers on metabolic and circulatory parameters during physical exertion] Koebe P, et al. **Arzneimittelforsch** 1985;35(2):522–9 (Eng. Abstr.) (Ger)

[Genetic and functional effects on fiber type composition and fiber diameters in the longissimus muscle of the thorax and the semitendinous muscle of swine. Studies of exercised domestic swine and wild swine kept under restricted mobility] Szentkuti L, et al. **DTW** 1985 Mar 8;92(3):93–7 (Eng. Abstr.) (Ger)

[Objectivity, validity and reliability of determination of recovery times following exhaustion trials in heavy dynamic muscle work from time series of heart rate] Luczak H, et al. **Eur J Applied Physiol** 1984;53(2):133–43 (Eng. Abstr.) (Ger)

[Circulating immune complexes following long-term physical work] Dufaux B, et al. **Fortschr Med** 1985 Jan 24; 103(4):59–61 (Eng. Abstr.) (Ger)

[Improvement of blood rheology by intensive physical training] Ernst E, et al. **Fortschr Med** 1984 Nov 22; 102(43):1097–9 (Eng. Abstr.) (Ger)

[Exercise training in chronic obstructive lung diseases. Systematic aerobic training improves endurance performance] Haber P. **Fortschr Med** 1985 Apr 11; 103(14):373–5 (Eng. Abstr.) (Ger)

[Significance of physical training in hypertension treatment from the epidemiologic and clinical viewpoints] Jeschke D, et al. **Fortschr Med** 1985 Jan 24;103(4):51–6 (Eng. Abstr.) (Ger)

[The Centre Nationale de la Recherche laboratory for occupational physiology investigates for a better quality of life. The French research institute with international recognition] Schneider RE. **Fortschr Med** 1985 Mar 14; 103(10):98–9 (Ger)

[Effect of body loading on the specific blood radioactivity following 99mTc in-vivo erythrocyte labelling. The effects on determining end-diastolic volume in equilibrium radionuclide ventriculography] Knesewitsch P, et al. **Nuklearmedizin** 1985 Feb;24(1):18–21 (Eng. Abstr.) (Ger)

[Results of a cross-sectional study on the physical development of adolescent workers] Osteroth G, et al. **Padiatr Grenzgeb** 1985;24(1):65–9 (Eng. Abstr.) (Ger)

[Ergometrically determined work capacity in chronic hemodialysis treatment] Keusch G, et al. **Schweiz Med Wochenschr** 1984 Sep 29;114(39):1326–30 (Eng. Abstr.) (Ger)

[Value and significance of serum myoglobin in sportsmen before and after various physical activities] Barwich D, et al. **Schweiz Z Sportmed** 1985 Jun;33(2):62–6 (Eng. Abstr.) (Ger)

[Methodological problems of diagnosing performance in the laboratory] Heck H, et al. **Schweiz Z Sportmed** 1984 Sep; 32(3):78–85 (Eng. Abstr.) (Ger)

[Sport-Tester PE 3000 training system] Hofer P, et al. **Schweiz Z Sportmed** 1985 Jun;33(2):67–9 (Ger)

[Diagnosing aerobic capacity at the Swiss School for Physical Education and Sports at Magglingen] Schürch P. **Schweiz Z Sportmed** 1984 Sep;32(3):86–90 (Eng. Abstr.) (Ger)

[Principles and methods of diagnosing biomechanic performance] Stüssi E. **Schweiz Z Sportmed** 1984 Sep; 32(3):75–7 (Eng. Abstr.) (Ger)

[Tropical fitness of vacation tourists and workers] Diesfeld HJ. **Ther Umsch** 1985 Jan;42(1):17–22 (Eng. Abstr.) (Ger)

[Metabolic changes in muscle and blood caused by ergometric stress in chronic arterial occlusive disease (I)] Nissen P, et al. **Vasa** 1985;14(1):25–30 (Eng. Abstr.) (Ger)

[Muscle metabolism and blood circulation under ergometric stress in arterial occlusive disease (II)] Nissen P, et al. **Vasa** 1985;14(1):31–4 (Eng. Abstr.) (Ger)

[Comparative study on the effect of diet, exercise and iodine balneotherapy on blood rheologic parameters in diabetics within the scope of a 4 week health resort stay in Bad Hall] Moser M, et al. **Wien Klin Wochenschr** 1985 Mar 29;97(7):327–31 (Eng. Abstr.) (Ger)

[Energy yield during physical exertion] Schmid P, et al. **Wien Med Wochenschr** 1985 May 31;135(9–10):228–34 (Eng. Abstr.) (Ger)

[Effects of various forms of hypoxia and physical stress on pulmonary circulation] Harzbecker K. **Z Erkr Atmungsorgane** 1985;164(3):280–3 (Eng. Abstr.) (Ger)

[Correlation between average pulmonary artery pressure under rest and stress conditions in relation to the stage of silicosis] Krause M, et al. **Z Erkr Atmungsorgane** 1985; 164(3):288–91 (Eng. Abstr.) (Ger)

[Animal experiment studies of chronic thiamine deficiency. Changes in carbohydrate and amino acid metabolism under resting and load conditions] Schwartau M, et al. **Z Ernahrungswiss** 1984 Sep;23(3):206–18 (Eng. Abstr.) (Ger)

[Physical and exercise therapy in aged patients with peripheral arterial circulatory disorders] Köhler M. **Z Gerontol** 1985 Jan–Feb;18(1):17–21 (Eng. Abstr.) (Ger)

[Experiences with an ergonomic study] Antalovits M, et al. **Z Gesamte Hyg** 1985 Apr;31(4):215–7 (Eng. Abstr.) (Ger)

[Inhalation uptake of industrial solvents in physical work] Bergert KD, et al. **Z Gesamte Hyg** 1984 Jul;30(7):380–2 (Eng. Abstr.) (Ger)

[Urinary catecholamine excretion for the evaluation of physical stress] Bergert KD, et al. **Z Gesamte Hyg** 1984 Jul;30(7):387–8 (Eng. Abstr.) (Ger)

[Behavior of circulatory and respiratory parameters within maximal and submaximal load and endurance limits in men in the 5th and 6th decades of life] Frauendorf H, et al. **Z Gesamte Hyg** 1985 Mar;31(3):157–9 (Eng. Abstr.) (Ger)

[Evaluation of the difficulty of work of agricultural machine mechanics] Jürgens WW, et al. **Z Gesamte Hyg** 1984 Sep; 30(9):518–2 (Eng. Abstr.) (Ger)

[Age related characteristic values in the assessment of endurance limits during local dynamic muscle work] Kobryn U, et al. **Z Gesamte Hyg** 1985 Feb;31(2):91–2 (Eng. Abstr.) (Ger)

[Cardiovascular and respiratory parameters by local dynamic muscle work of different working frequencies at endurance limits] Kobryn U, et al. **Z Gesamte Hyg** 1985 Apr; 31(4):202–4 (Eng. Abstr.) (Ger)

[The Borg Scale as an instrument for the detection of subjectively experienced stress in industrial medicine laboratory and field studies] Siegl P, et al. **Z Gesamte Hyg** 1984 Jul;30(7):383–6 (Eng. Abstr.) (Ger)

[Contraction force relation of spectral performance density distribution in surface EMG] Wawrzinoszek M, et al. **Z Gesamte Hyg** 1985 Feb;31(2):93–5 (Eng. Abstr.) (Ger)

[Striving for movement-induced adaptation--why?] Israel S. **Z Gesamte Inn Med** 1985 May 15;40(10):281–6 (40 ref.) (Eng. Abstr.) (Ger)

[Preventive cardiology: lack of exercise and physical training from the epidemiologic and experimental viewpoints] Hollmann W, et al. **Z Kardiol** 1985 Jan;74(1):46–54 (Eng. Abstr.) (Ger)

[Changes in sympathetic activity in 18 postinfarct patients following a year of exercise therapy] Lehmann M, et al. **Z Kardiol** 1984 Dec;73(12):756–9 (Eng. Abstr.) (Ger)

[Risk of stress-induced ventricular arrhythmias in hypertrophic cardiomyopathy] Lösse B, et al. **Z Kardiol** 1984 May;73(5):304–12 (Eng. Abstr.) (Ger)

[Effect of anti-anginal drugs on left ventricular function at rest and during stress in anginal syndrome] Liberman D, et al. **Harefuah** 1985 Jan 1;108(1):8–11 (Eng. Abstr.) (Heb)

[Evaluation of arrhythmia during exercise in subjects with pacemakers implanted for total atrioventricular block] Accatino G, et al. **Boll Soc Ital Cardiol** 1984 Nov; 29(11):503–10 (Eng. Abstr.) (Ita)

[Effect of physical exercise on serum lipoproteins] Palazzuoli V, et al. **Boll Soc Ital Cardiol** 1984 Jul–Aug;29(7–8):395–403 (Eng. Abstr.) (Ita)

[Behavior of blood pressure during exercise in adolescents at various risks of developing hypertension] Radice M, et al. **Boll Soc Ital Cardiol** 1984 Nov;29(11):519–22 (Eng. Abstr.) (Ita)

[Echocardiographic evaluation of the dimension and function of the left ventricle during cycloergometric muscular exercise in sitting position in endurance athletes] Sau F, et al. **Boll Soc Ital Cardiol** 1983 Oct;28(10):863–74 (Eng. Abstr.) (Ita)

[Cardiovascular response to exercise in subjects with reduced glucose tolerance] Ferrante MR, et al. **Cardiologia** 1984 Dec;29(12):661–9 (Eng. Abstr.) (Ita)

[Myocardial ischemia during exertion. Correlations between blood levels of thromboxane B2 and changes in coronary flow and resistance] De Servi S, et al. **G Ital Cardiol** 1985 Jan;15(1):5–9 (Eng. Abstr.) (Ita)

[Intravenous glucose tolerance test during muscular exercise] Procaccini DA, et al. **Quad Sclavo Diagn** 1984 Sep; 20(3):264–70 (Eng. Abstr.) (Ita)

[Changes in hemorheological parameters during physical exertion in coronary disease patients] Margonato A, et al. **Ric Clin Lab** 1985;15 Suppl 1:169–77 (Eng. Abstr.) (Ita)

[Hemorheological changes during exercise] Signorelli S, et al. **Ric Clin Lab** 1985;15 Suppl 1:163–7 (Eng. Abstr.) (Ita)

[An estimation method of parameters of O2-kinetics during recovery] Fukuba Y, et al. **Ann Physiol Anthropol** 1984 Jul;3(3):251–5 (Eng. Abstr.) (Jpn)

[The effects of exercise and environmental conditions on prediction equations of maximal oxygen intake] Watanuki S, et al. **Ann Physiol Anthropol** 1984 Jan;3(1):47–61 (Eng. Abstr.) (Jpn)

[Diagnosis of myocardial ischemia in Kawasaki disease: thallium-201 myocardial imagings at rest, with exercise and with dipyridamole administration] Mitomori T, et al. **J Cardiogr** 1984 Jun;14(1):59–73 (Eng. Abstr.) (Jpn)

[Clinical usefulness of exercise-nitroglycerin myocardial imaging using dual administration of thallium-201] Shiotani H, et al. **J Cardiogr** 1984 Jun;14(1):29–37 (Eng. Abstr.) (Jpn)

[Mechanism of exercise-induced ST segment deviation in myocardial infarction: a 201T1-myocardial scintigraphic study] Takahashi H, et al. **J Cardiogr** 1984 Jun;14(1):39–47 (Eng. Abstr.) (Jpn)

[An analysis of cardiac reserve mechanism during supine bicycle exercise in patients with myocardial infarction: evaluation by multi-gated radionuclide angiography] Kim BH, et al. **Kaku Igaku** 1985 Jan;22(1):1–8 (Eng. Abstr.) (Jpn)

[Enhanced detection of myocardial ischemia by stress thallium scan: assessment by washout rate analysis and lung thallium uptake in addition to transient defect analysis] Nishimura T, et al. **Kaku Igaku** 1985 Apr;22(4):467–75 (Eng. Abstr.) (Jpn)

[Two cases of exercise-induced ventricular tachycardia--catecholamine-induced ventricular tachycardia] Kawamura M, et al. **Kokyu To Junkan** 1984 Oct;32(10):1071–7 (Eng. Abstr.) (Jpn)

[Plasma norepinephrine levels in patients with heart diseases during exercise] Koga Y, et al. **Kokyu To Junkan** 1984 Nov;32(11):1155–7 (Jpn)

[Can exercise develop coronary collaterals?] Miura M. **Kokyu To Junkan** 1985 Mar;33(3):257–61 (39 ref.) (Jpn)

[Response of right ventricular ejection fraction to exercise stress in coronary artery diseases] Narita M, et al. **Kokyu To Junkan** 1985 Jan;33(1):69–75 (Eng. Abstr.) (Jpn)

[Effect of beta 1-partial agonist(ICI 118-587) on plasma catecholamines level and hemodynamics during exercise in congestive heart failure] Sato H, et al. **Kokyu To Junkan** 1984 Nov;32(11):1159–62 (Jpn)

[Interrelation between plasma norepinephrine and cardiovascular response to exercise in healthy young adults, the aged and patients with ischemic heart disease] Takahashi K, et al. **Kokyu To Junkan** 1985 Mar;33(3):391–5 (Eng. Abstr.) (Jpn)

[Evaluation of exercise tolerance of treadmill test in patients with a cardiac pacemaker. A comparison of sick sinus syndrome (SSS) with complete A-V block (CAVB) on VVI mode pacing] Fukumoto H, et al. **Kyobu Geka** 1985 Mar;38(3):186–90 (Eng. Abstr.) (Jpn)

[Effects of voluntary running exercise during growing and post-growing periods on iron metabolism and body composition of the rats fed on normal and iron deficient diets] Takamatsu K. **Nippon Ika Daigaku Zasshi** 1984 Aug; 51(4):441–54 (Eng. Abstr.) **(Jpn)**

[Postoperative improvement of left ventricular function and exercise tolerance in patients with aortic regurgitation] Hoshi E. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Nov; 32(11):1970–84 (Eng. Abstr.) **(Jpn)**

[Evaluation of left ventricular function and coronary sinus blood flow during exercise after aortocoronary bypass surgery—influence of complete revascularization of the left coronary artery] Sakakibara T. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Mar;33(3):353–65 (Eng. Abstr.) **(Jpn)**

[Correlation between grade or revascularization and the left ventricular function during exercise after aortocoronary bypass] Sakakibara T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jun;32(6):879–84 (Eng. Abstr.) **(Jpn)**

[Evaluation of left ventricular function and coronary sinus blood flow during exercise after aortocoronary bypass surgery—influence of previous myocardial infarction] Sakakibara T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Sep;32(9):1354–61 (Eng. Abstr.) **(Jpn)**

[A study on pulmonary gas exchange during muscular exercise by patients with idiopathic interstitial pneumonia] Saito G. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep; 22(9):733–41 (Eng. Abstr.) **(Jpn)**

[Pituitary hormone responses to exercise at high altitudes] Utsunomiya T, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Oct 20;60(10):1214–26 (Eng. Abstr.) **(Jpn)**

[Effects of sublingual nifedipine on hemodynamic responses to exercise in patients with myocardial infarction] Fukui S, et al. **Nippon Naika Gakkai Zasshi** 1985 May; 74(5):558–63 **(Jpn)**

[Influences of daily physical labor on left ventricular dimensions in normotensive subjects] Nakanisini N, et al. **Nippon Ronen Igakkai Zasshi** 1984 Sep;21(5):477–84 (Eng. Abstr.) **(Jpn)**

[Effect of exercise on plasma cyclic AMP] Ito A. **Nippon Seirigaku Zasshi** 1984;46(7):250–68 (Eng. Abstr.) **(Jpn)**

[Sweating response to abrupt changes in work load] Miyagawa T, et al. **Nippon Seirigaku Zasshi** 1985; 47(1):17–24 (Eng. Abstr.) **(Jpn)**

[Time-dependent measurement of differential digital plethysmogram in bicycle ergometer exercise] Takemiya T, et al. **Nippon Seirigaku Zasshi** 1985;47(2):65–76 (Eng. Abstr.) **(Jpn)**

[How does endogenous and exogenous cholesterol influence the lipoprotein metabolism. Effects of long-term endurance exercise, and accumulation of cholesterol ester on the aortic wall] Terao T, et al. **Nippon Seirigaku Zasshi** 1985; 47(3):130–40 (Eng. Abstr.) **(Jpn)**

[A case of march hemoglobinuria following 'kendo' (Japanese fencing) exercise] Mineoka K, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1680–5 (Eng. Abstr.) **(Jpn)**

[A study of exercise-induced muscular changes in rats] Wakata N, et al. **Rinsho Shinkeigaku** 1985 Feb;25(2):202–8 (Eng. Abstr.) **(Jpn)**

[Effects of physical activity on risk factors in coronary heart disease. A review of the literature] Meyer-Myklestad L. **Tidsskr Nor Laegeforen** 1985 Feb 10;105(4):295–9 (Eng. Abstr.) **(Nor)**

[Effect of physical exertion on heart muscle metabolism in disorders of thyroid function] Grabowska-Maślanka H. **Folia Med Cracov** 1984;25(1–2):9–28 (Eng. Abstr.) **(Pol)**

[Physiopathological basis of disorders of homeostasis in parturients in relation to the degree of their physical capacity and development of fetal risk conditions] Brodziński W. **Ginekol Pol** 1984 Apr;55(4):287–92 (Eng. Abstr.) **(Pol)**

[Energy expenditure of parturients during physiological labor] Brodziński W. **Ginekol Pol** 1984 Jun;55(6):401–8 (Eng. Abstr.) **(Pol)**

[Selected elements of exertion physiology as an introduction to physiopathology in obstetrics. I. The basis of human physical efficiency and oxygen supply during physical exertion] Brodziński W. **Ginekol Pol** 1984 Jun;55(6):393–9 (Eng. Abstr.) **(Pol)**

[Effect of gamma radiation on glucose-6-phosphate dehydrogenase activity in the erythrocytes of healthy persons after submaximal physical exertion] Zagórski T, et al. **Med Pr** 1984;35(6):397–401 (Eng. Abstr.) **(Pol)**

[Effect of submaximal physical exertion on serum lipid levels and the blood coagulation and fibrinolysis systems in patients with arteriosclerosis] Markiewicz K, et al. **Pol Tyg Lek** 1984 Jun 12–25;39(25–26):857–61 (Eng. Abstr.) **(Pol)**

[Echocardiographic diagnosis of angina pectoris in the light of post-exertion changes in R wave amplitude and current criteria] Wilk M, et al. **Pol Tyg Lek** 1985 Apr 22; 40(16):455–6 **(Pol)**

[Work capacity evaluation in patients with chronic bronchitis] Zejda J. **Pol Tyg Lek** 1984 Sep 17;39(38):1253–6 (Eng. Abstr.) **(Pol)**

[Evaluation of the effect of occupational physical activity on selected coronary disease risk factors using multivariate analysis of variance] Kupść W, et al. **Przegl Epidemiol** 1984; 38(4):389–97 (Eng. Abstr.) **(Pol)**

[Recognition of exercise physiology in the clinical practice of obstetrics and perinatology] Brodziński W. **Wiad Lek** 1985 Feb 1;38(3):210–6 (Eng. Abstr.) **(Pol)**

[Indicators of exertion metabolism in parturients] Brodziński W. **Wiad Lek** 1985 Feb 15;38(4):277–82 (Eng. Abstr.) **(Pol)**

[Exertion metabolism as an indicator of changes in blood glucose level in physiological labor] Brodziński W. **Wiad Lek** 1984 Aug 1;37(15):1184–90 (Eng. Abstr.) **(Pol)**

[Selected indicators of effort load in parturients from the aspect of exertion physiology] Brodziński W. **Wiad Lek** 1984 Jul 1;37(13):990–5 (Eng. Abstr.) **(Pol)**

[Physical work on recreational gardening plots and myocardial infarction] Forkiewicz M, et al. **Wiad Lek** 1985 Jan 1;38(1):1–4 (Eng. Abstr.) **(Pol)**

[Influence of aerobic physical exercise on the prevention of coronary disease] Bestetti RB, et al. **Rev Saude Publica** 1984 Aug;18(4):333–6 (Eng. Abstr.) **(Por)**

[Changes in the size of the long tubular bones and body weight of rats exercised at different times of the day] Aleksina LA. **Arkh Anat Gistol Embriol** 1984 Oct; 87(10):29–34 (Eng. Abstr.) **(Rus)**

[Changes in the structure and cell composition of the thymus as a result of dosed physical loads] Tkachuk MG. **Arkh Anat Gistol Embriol** 1985 May;88(5):57–61 (Eng. Abstr.) **(Rus)**

[Regulation of respiration during muscular exertion] Shik LL. **Biol Nauki** 1985;(6):18–29 (64 ref.) (Eng. Abstr.) **(Rus)**

[Effect of hypokinesia and muscle training on catecholamine levels of the myocardium of rats in postnatal ontogeny] Abzalov RA. **Biull Eksp Biol Med** 1985 Apr;99(4):394–7 (Eng. Abstr.) **(Rus)**

[Rheological characteristics of the blood in long-term and quick adaptation to muscle loads] Levin VN, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):142–4 (Eng. Abstr.) **(Rus)**

[Distortions of respiratory indices during muscle work in research procedures using masks] Rozenblat VV, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):116–8 (Eng. Abstr.) **(Rus)**

[Effect of long-term arterial hypotension on the relative volume of functioning capillaries in working skeletal muscles] Shenderov SM, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):755–6 (Eng. Abstr.) **(Rus)**

[Antianginal and hemodynamic effect of propranolol and atenolol in patients with exertion angina] Desiatnichenko VM. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1984;7(2):71–5 (Eng. Abstr.) **(Rus)**

[Optimal arteriovenous differential in oxygen concentration during physical loading] Obraztsov IF, et al. **Dokl Akad Nauk SSSR** 1985 Jul–Aug;283(1):222–4 **(Rus)**

[Reaction of coronary circulation in healthy humans to stimulation of the heart with isoproterenol and physical load] Chestukhin VV, et al. **Fiziol Cheloveka** 1985 Mar–Apr;11(2):179–84 **(Rus)**

[Evaluations of the functional potentials of the body in performing physical work] Grebniak VP. **Fiziol Cheloveka** 1984 Jan–Feb;10(1):31–40 **(Rus)**

[Oxygen consumption dynamics in the recovery period after short-term exercises at threshold capacity] Iaruzhnyĭ NV. **Fiziol Cheloveka** 1984 Nov–Dec;10(6):1042–4 **(Rus)**

[Correlation of the magnitude of voluntary muscle strength and the characteristics of the adaptation of skeletal muscle to force loads in women and men] Issurin VB, et al. **Fiziol Cheloveka** 1985 Jan–Feb;11(1):17–22 **(Rus)**

[Effect of a threshold physical load on the function of the microcirculatory system and central hemodynamics in 10- to 11-year-old children] Konovalov SV, et al. **Fiziol Cheloveka** 1985 Jan–Feb;11(1):31–5 **(Rus)**

[Characteristics of the energy and hemodynamic support for submaximal physical loading in elderly men] Korkushko OV, et al. **Fiziol Cheloveka** 1984 Jan–Feb;10(1):120–5 **(Rus)**

[Factors determining the efficiency of voluntary decreased ventilation during muscle work by using instrumental feedback] Kuchkin SN. **Fiziol Cheloveka** 1984 Jul–Aug; 10(4):623–30 **(Rus)**

[Endocrine mechanisms regulating gastric secretion at rest and during muscle activity] Kuznetsov AP. **Fiziol Cheloveka** 1985 Jan–Feb;11(1):138–46 **(Rus)**

[Individual characteristics of the body's reactions to combined heat and physical loading] Mar'ianovich AT, et al. **Fiziol Cheloveka** 1984 Jan–Feb;10(1):104–11 **(Rus)**

[Human body impedance and the physiological indices under physical loads] Pal'chikov VE, et al. **Fiziol Cheloveka** 1985 Jan–Feb;11(1):90–5 **(Rus)**

[Effect of the ovarian cycle on the blood supply to the extremities during loading] Plismane SO, et al. **Fiziol Cheloveka** 1984 May–Jun;10(3):430–4 **(Rus)**

[2 types of adaptation of human cardiorespiratory indices to physical loading] Rozenblat VV, et al. **Fiziol Cheloveka** 1985 Jan–Feb;11(1):102–6 **(Rus)**

[Classification of electrocardiographic changes during muscular activity in healthy humans] Zav'ialov AI. **Fiziol Cheloveka** 1985 Mar–Apr;11(2):201–7 **(Rus)**

[Peculiarities of exercise-induced hypoxia in states of lowered levels of hemoglobin] Filippov MM. **Fiziol Zh** 1985 Mar–Apr;31(2):170–5 (Eng. Abstr.) **(Rus)**

[Thermoregulatory effect of beta-adrenoreceptor block in the cold-adapted rat at rest and during exertion] Diveri VE, et al. **Fiziol Zh SSSR** 1985 Jun;71(6):777–81 (Eng. Abstr.) **(Rus)**

[Integration of motor and autonomic functions during muscle work] Gandel'sman AB, et al. **Fiziol Zh SSSR** 1984 Dec; 70(12):1611–6 (Eng. Abstr.) **(Rus)**

[Changes in osmolarity of arterial blood in intensive muscle exercise] Kostenko TP, et al. **Fiziol Zh SSSR** 1984 Jun; 70(6):818–21 (Eng. Abstr.) **(Rus)**

[Dynamics of the trace element content of the blood and internal organs of animals undergoing muscle loading of various intensities] Rusin VIa, et al. **Fiziol Zh SSSR** 1985 Mar;71(3):377–80 **(Rus)**

[Dynamics of the infraslow omega potential and of the spatial synchronization of the EEG in muscle fatigue] Sologub EB, et al. **Fiziol Zh SSSR** 1984 Dec;70(12):1617–23 (Eng. Abstr.) **(Rus)**

[Efficiency of muscle work in white rats adapting to cold] Tkachenko EIa, et al. **Fiziol Zh SSSR** 1985 Mar; 71(3):337–41 (Eng. Abstr.) **(Rus)**

[Protein metabolism in the muscles after work] Viru AA, et al. **Fiziol Zh SSSR** 1984 Dec;70(12):1624–8 (Eng. Abstr.) **(Rus)**

[Structural variability of the functional system during activity and fatigue] Zimakin NV. **Fiziol Zh SSSR** 1984 Dec; 70(12):1593–9 (Eng. Abstr.) **(Rus)**

[Functional state of man during monotonous activity with varying physical loads] Gambashidze GM, et al. **Gig Tr Prof Zabol** 1985 Jun;(6):5–9 (Eng. Abstr.) **(Rus)**

[Functionally caused changes in protein metabolism in different sections of the brain and liver of rats] Vitvitskii VN. **Izv Akad Nauk SSSR [Biol]** 1985 Jan–Feb;(1):31–40 (Eng. Abstr.) **(Rus)**

[Tolerance and hemodynamic support for physical loading in patients in the early period of an acute large-focus myocardial infarct] Al'khimovich VM, et al. **Kardiologiia** 1985 Feb;25(2):11–4 (Eng. Abstr.) **(Rus)**

[Adaptation to physical loading in ischemic heart disease patients] Aronov DM, et al. **Kardiologiia** 1985 Apr; 25(4):121–2 **(Rus)**

[Early detection of the relationship between the serum lipid spectrum and the hypertensive response of blood pressure to physical exertion in healthy young persons] Evdokimova EV, et al. **Kardiologiia** 1984 Nov;24(11):47–9 (Eng. Abstr.) **(Rus)**

[Multifactorial analysis of the hemodynamic reactions to a physical load in hypertension] Evdokimova TA, et al. **Kardiologiia** 1985 May;25(5):66–9 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of the effect of preliminary adaptation of the body to moderate physical loading and brief stress exposures on heart contractile function disorders in long-term stress] Meerson FZ, et al. **Kardiologiia** 1985 Feb;25(2):74–7 (Eng. Abstr.) **(Rus)**

[Tolerance to physical exertion and the state of microcirculation in patients with iron-deficiency anemia] Kirilenko NP. **Klin Med (Mosk)** 1985 Jun;63(6):110–3 (Eng. Abstr.) **(Rus)**

[Role of the cardiovascular system in adaptation to a physical load] Markarian SS. **Klin Med (Mosk)** 1984 Nov; 62(11):7–11 **(Rus)**

[Cardialgia, physical exertion tolerance and personality characteristics in patients with climacteric cardiopathy] Volkov VS, et al. **Klin Med (Mosk)** 1984 Aug;62(8):34– (Eng. Abstr.) **(Rus)**

[Effect of short-term head-down tilt hypokinesia on the dynamics of the cardiorespiratory indices during graduated physical loading] Genin AM, et al. **Kosm Biol Aviakosm Med** 1985 Mar–Apr;19(2):43–6 (Eng. Abstr.) **(Rus)**

[Rheological blood indicators during motor activity of various degrees] Ivanov AP, et al. **Kosm Biol Aviakosm Med** 1985 Jan–Feb;19(1):29–31 (Eng. Abstr.) **(Rus)**

[Effect of maximum physical exertion on the oxygen transport system of the blood] Ivanov LA, et al. **Kosm Biol Aviakosm Med** 1984 Jul–Aug;18(4):69–72 (Eng. Abstr.) **(Rus)**

[Effect of hypoxia and hypoperfusion on the contractile function of the isolated heart working under various loads] Kapel'ko VI, et al. **Patol Fiziol Eksp Ter** 1984 Jul-Aug; (4):32–6 (Eng. Abstr.) **(Rus)**

[Lysosome participation in the recovery processes in the liver following physical loading] Maianskaia NN, et al. **Patol Fiziol Eksp Ter** 1984 Jul–Aug;(4):65–70 (Eng. Abstr.) **(Rus)**

[Stenocardia of effort and severe heart rhythm disorders in combined hypertrophic cardiomyopathy and Wolff-Parkinson-White syndrome in childhood] Liakishev AA, et al. **Pediatriia** 1985 Jan;(1):55–7 **(Rus)**

[Osteoarthrosis deformans caused by fluorides and muscular overstrain in industrial workers] Zislin DM, et al. **Revmatologiia (Moskva)** 1984 Jul–Sep;(3):32–5 (Eng. Abstr.) **(Rus)**

[Effect of physical exertion on the activity of the humoral pressor systems and electrolytes in the initial stages of arterial hypertension] Liusov VA, et al. **Sov Med** 1985; (2):3–9 (Eng. Abstr.) **(Rus)**

[Effect of physical and sugar loads on the dehydrogenase activity of the saliva] Kabulbekov AA, et al. **Stomatologiia (Mosk)** 1985 Mar–Apr;64(2):11–2 (Eng. Abstr.) **(Rus)**

[Physical exertion tolerance in patients with ischemic heart disease associated with cerebral arteriosclerosis] Dzizinskii AA, et al. **Ter Arkh** 1984;56(12):28–32 (Eng. Abstr.) **(Rus)**

[Ventilation and gas exchange in the lungs during physical exertion in patients following the correction of mitral stenosis] Volovoi VL, et al. **Ter Arkh** 1985;57(4):122–5 (Eng. Abstr.) **(Rus)**

[Changes in the activity and isoenzymic spectrum of skeletal muscle and brain hexokinase under organism adaptation to intensive physical exercise.] Golberg ND. **Ukr Biokhim Zh** 1985 Mar–Apr;57(2):46–51 (Eng. Abstr.) **(Rus)**

[The effect of 3',5'-AMP-dependent protein kinase on the release of cathepsin B from lysosomes of rat skeletal muscles and heart under exertion] Kalinskii MI. **Ukr Biokhim Zh** 1984 Jul–Aug;56(4):408–13 (Eng. Abstr.) **(Rus)**

[Lipoprotein metabolism in rabbits with cholesterol-induced hyperlipoproteinemia during physical conditioning] Kirienko TA, et al. **Ukr Biokhim Zh** 1985 Jan–Feb; 57(1):25–30 (Eng. Abstr.) **(Rus)**

[Effect of dosed physical loads on the status of redox processes in the bodies of sailors] Altukhov VG, et al. **Voen Med Zh** 1984 Nov;(11):44–7 **(Rus)**

[Indices of central hemodynamics and contractile function of the myocardium of healthy subjects during physical exertion] Momot MD, et al. **Voen Med Zh** 1984 Nov; (11):53–4 **(Rus)**

[Tolerance for physical exertion and its changes in patients with myocardial infarction in the second stage of rehabilitation at the Druskininkai health resort] Biliukas MM, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan–Feb;(1):16–8 (Eng. Abstr.) **(Rus)**

[Determining the intensity of physical loads in patients with hypertension] Khomaziuk IN, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan–Feb;(1):27–9 (Eng. Abstr.) **(Rus)**

[Radioimmunologic determination of androstenedione and the effect of physical training on its levels in human blood and saliva] Chaikovskii VS, et al. **Vopr Med Khim** 1985 May–Jun;31(3):120–4 (Eng. Abstr.) **(Rus)**

[Degree of thrombophilia and physical exertion tolerance in patients with stenocardia with different risk factors for ischemic heart disease] Gritsiuk AI. **Vrach Delo** 1985 May; (5):56–60 (Eng. Abstr.) **(Rus)**

[Informative value of indicators of tolerance to physical exertion in patients with ischemic heart disease] Ianovskii GV, et al. **Vrach Delo** 1985 Apr;(4):22–4 (Eng. Abstr.) **(Rus)**

[Tolerance to physical exertion in patients with hypertension] Nazarenko VR, et al. **Vrach Delo** 1985 Apr;(4):44–6 (Eng. Abstr.) **(Rus)**

[Morphofunctional characteristics of the walls of the major veins in intensified muscle activity] Tal'ko VI. **Vrach Delo** 1984 Aug;(8):38–41 (Eng. Abstr.) **(Rus)**

[Physical exertion tolerance in middle-aged men in relation to associated risk factors of ischemic heart disease] Tokar' AV, et al. **Vrach Delo** 1985 Mar;(3):25–8 (Eng. Abstr.) **(Rus)**

[Tolerance to physical exertion in persons with different degrees of arterial blood pressure (veloergometric data)] Zolotarev AE, et al. **Vrach Delo** 1985 Apr;(4):38–41 (Eng. Abstr.) **(Rus)**

[Estimation of time intervals during exposure to a static load] Smirnov AG, et al. **Zh Vyssh Nerv Deiat** 1985 Jan–Feb; 35(1):81–6 (Eng. Abstr.) **(Rus)**

[Physical inactivity as a risk factor in the development of arterial occlusive diseases] Mlačak B. **Lijec Vjesn** 1985 May; 107(5):184–7 (Eng. Abstr.) **(Ser)**

[Comparison of the bronchoconstrictive effect of inhaled histamine and physical stress] Haxhiu MA, et al. **Plucne Bolesti** 1984 Jan–Jun;36(1–2):34–9 (Eng. Abstr.) **(Ser)**

[Use of continuous registration of the heart rate in evaluating the degree of internal stress during various physical activities] Zivotić-Vanović M, et al. **Zb Vojnomed Akad** 1983;25:58–62 (Eng. Abstr.) **(Ser)**

[Sex differences in cardiac resistance to acute ischemia in rats exposed to the effect of chronic hypobaria and physical stress] Barta E, et al. **Bratisl Lek Listy** 1984 Sep; 82(3):1058–68 (Eng. Abstr.) **(Slo)**

[Changes in the shape of the thoracic wall in asthma due to the effect of loading and hypobaric conditions] Eisner J, et al. **Bratisl Lek Listy** 1985 Jul;84(1):50–9 (Eng. Abstr.) **(Slo)**

[Influence of exercise on lipid metabolism in type 1 diabetes mellitus] Gaztambide Sáenz S, et al. **Med Clin (Barc)** 1984 Oct 6;83(10):411–3 (Eng. Abstr.) **(Spa)**

[Report of the Section of Ischemic Cardiopathy and Coronary Units. Effort tests in cardiology] **Rev Esp Cardiol** 1985 Jan–Feb;38(1):1–13 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Isosorbide dinitrate and exercise performance in patients with congestive heart failure. Franciosa JA. **Am Heart J** 1985 Jul;110(1 Pt 2):245–50 (29 ref.)

Effect of beta blockade and intrinsic sympathomimetic activity on exercise performance. Ades PA, et al. **Am J Cardiol** 1984 Dec 1;54(10):1337–41

Effects and adverse effects of autonomic blockade in physical exercise. Areskog NH. **Am J Cardiol** 1985 Apr 26; 55(10):132D–134D

Clinical implications of the hemodynamic effects of beta blockade. Cohn JN. **Am J Cardiol** 1985 Apr 26; 55(10):125D–128D

Effect of labetalol on exercise tolerance and double product in mild to moderate essential hypertension. Feit A, et al. **Am J Med** 1985 Jun;78(6 Pt 1):937–41

Effect of vasodilators at rest and during exercise in young adults with cystic fibrosis and chronic cor pulmonale. Geggel RL, et al. **Am Rev Respir Dis** 1985 Apr; 131(4):531–6

Effect of topical timolol maleate on exercise performance. Doyle WJ, et al. **Arch Ophthalmol** 1984 Oct;102(10):1517–8

Effect of beta1 selective adrenoceptor blockade on physiological response to exercise. Gordon NF, et al. **Br Heart J** 1985 Jul;54(1):96–9

Effect of xamoterol (ICI 118587), a new beta1 adrenoceptor partial agonist, on resting haemodynamic variables and exercise tolerance in patients with left ventricular dysfunction. Molajo AO, et al. **Br Heart J** 1985 Jul; 54(1):17–21

The effect of a week's beta-adrenoceptor antagonism on daytime heart-rates, subjective responses to exercise, and physical activity in normal subjects. Patrick JM, et al. **Br J Clin Pharmacol** 1985 Feb;19(2):177–85

Alcohol, cardiorespiratory function and work performance. Bond V, et al. **Br J Sports Med** 1984 Sep;18(3):203–6

Effects of the oral hypoglycemic agent methyl palmoxirate on exercise capacity of rats. Young JC, et al. **Can J Physiol Pharmacol** 1984 Jul;62(7):815–8

Effect of sustained release isosorbide dinitrate on exercise performance. Flugelman MY, et al. **Cardiology** 1985; 72(3):123–8

Comment: Transdermal nitroglycerin [letter] Forrence EA, et al. **Drug Intell Clin Pharm** 1985 Jul–Aug;19(7–8):587–8

Comment: Exercise and beta-blockers [letter] Shaughnessy A. **Drug Intell Clin Pharm** 1985 Jul–Aug;19(7–8):586

Aggravation of exercise performance in patients with anemia by 3% carboxyhemoglobin. Aronow WS, et al. **Environ Res** 1984 Dec;35(2):394–8

The effects of beta blockers on exercise capacity and on training response in elderly subjects. Fagard R, et al. **Eur Heart J** 1984 Nov;5 Suppl E:117–20

Effects of potassium + magnesium aspartate on muscle metabolism and force development during short intensive static exercise. de Haan A, et al. **Int J Sports Med** 1985 Feb;6(1):44–9

Pulmonary function changes after 1 h continuous heavy exercise in 0.21 ppm ozone. Folinsbee LJ, et al. **J Appl Physiol** 1984 Oct;57(4):984–8

Exercise in the heat: effects of saline or bicarbonate infusion. Francesconi R, et al. **J Appl Physiol** 1984 Sep;57(3):733–8

Effects of nifedipine on responses to exercise in normal subjects. Raffestin B, et al. **J Appl Physiol** 1985 Mar; 58(3):702–9

Effects of naloxone on exercise performance. Surbey GD, et al. **J Appl Physiol** 1984 Sep;57(3):674–9

Effects of breathing high concentrations of oxygen on PWC170. Yamaji K, et al. **J Sports Med Phys Fitness** 1985 Mar–Jun;25(1–2):1–4

Effects of 6-hydroxydopamine on the carbohydrate metabolism of skeletal and heart muscles in rest and during exercise. Derevenco P, et al. **Physiologie** 1984 Jul–Sep; 21(3):173–9

Effect of intravenous aminophylline upon the incremental exercise performance of healthy men. Elliott CG, et al. **Respiration** 1985;47(4):260–6

[Use of nitroglycerin during the training of patients with exertion angina] Gorbachenkov AA, et al. **Kardiologiia** 1984 Sep;24(9):73–6 **(Rus)**

[Problems in selecting the optimal propranolol dose in treating patients with angina pectoris of effort and the comparative effectiveness of inderal, anaprilin and obzidan] Romakov AIu, et al. **Ter Arkh** 1984;56(9):41–6 (Eng. Abstr.) **(Rus)**

EXFOLIATINS see under **BACTERIAL TOXINS**

EXHIBITIONISM see under **PARAPHILIAS**

EXHIBITS

On display: the science and art of healing. Sammis S, et al. **J Med Soc NJ** 1984 Sep;81(9):747–57

Presentation of research findings: the poster session. Sexton DL. **Nurs Res** 1984 Nov–Dec;33(6):374–11

[The Pan-German Exhibition of Hygiene and Emergency Aid, Berlin 1883, and various communal hygiene aspects at the end of the 19th century] Hiller I. **Z Gesamte Hyg** 1985 Mar;31(3):184–7 (Eng. Abstr.) **(Ger)**

EXISTENTIAL PSYCHOLOGY see **EXISTENTIALISM**

EXISTENTIALISM

On Freud and Husserl [letter] Globus GG. **Am J Psychiatry** 1985 May;142(5):663–4

Existential-behaviour therapy: a possible paradigm? Butcher P. **Br J Med Psychol** 1984 Sep;57 (Pt 3):265–74

An existential approach to psychotherapy. Cohn HW. **Br J Med Psychol** 1984 Dec;57 (Pt 4):311–8

Logical and conceptual problems of existential psychiatry. Hanly C. **J Nerv Ment Dis** 1985 May;173(5):263–81

Never to be alone. Existential therapy with battered women. Weingourt R. **J Psychosoc Nurs Ment Health Serv** 1985 Mar;23(3):24–9

EXO-1,4-ALPHA-GLUCOSIDASE see under **GLUCOSIDASES**

EXOCRINE GLANDS

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BARTHOLIN'S GLANDS
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SALIVARY GLANDS
SEBACEOUS GLANDS
SWEAT GLANDS

[The female prostate or Skene's glands and ducts? (Reasons for returning to De Graaf's original term)] Zaviačič M, et al. **Cesk Gynekol** 1985 Jun;50(5):372–7 **(Slo)**

ANALYSIS

Muscarinic receptors in rat nasal glands. Klaassen AB, et al. **Cell Biol Int Rep** 1985 Jun;9(6):521

Dufour's gland triglycerides from Anthophora, emphoropsis (Anthophoridae) and Megachile (Megachilidae) bees (Hymenoptera: Apoidea). Cane JH, et al. **Comp Biochem Physiol [B]** 1984;78(3):769–72

Adenosine deaminase complexing proteins are localized in exocrine glands of the rabbit. Schrader WP, et al. **J Histochem Cytochem** 1985 Jun;33(6):508–14

ANATOMY & HISTOLOGY

Morphology of the exocrine glands of the frog skin. Mills JW, et al. **Am J Anat** 1984 Sep;171(1):91–106

Light and electron microscopical studies of the anatomical and functional distribution of glands in human vocal cords. El-Hifnawi H, et al. **Arch Otorhinolaryngol** 1984; 240(3):277–85

The structure and distribution of nasal glands in four marsupial species. Kratzing JE. **J Anat** 1984 Oct;139 (Pt 3):553–64

[Fine structure of the fundic gland zone epithelium in various eastern African ruminants] Weyrauch KD, et al. **Anat Anz** 1985;158(5):437–51 (Eng. Abstr.) **(Ger)**

CYTOLOGY

Primary culture of ant venom gland cells. Hink WF, et al. **In Vitro Cell Dev Biol** 1985 Jun;21(6):333–9

[Light and electron microscopic studies of uterine glands in cattle during the hormone-induced cycle] Dahir AM, et al. **Zentralbl Veterinarmed [A]** 1985 Apr;32(4):297–311 (Eng. Abstr.) **(Ger)**

DRUG EFFECTS

Studies on the H_2-receptor antagonism of MK-208 in isolated rabbit gastric glands. Shepherd-Rose AJ, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):423–6

Studies on the properties of 3-N-[3-[3-(1-piperidinomethyl)phenoxy]-propyl]amino-4 5-thiadiazole-1-oxide (L-643,441) as an H_2-receptor antagonist in isolated gastric glands. Shepherd-Rose AJ, et al. **Eur J Pharmacol** 1984 Oct 1;105(1–2):57–63

[Changes in secretory activity of tracheal submucosal glands by repeated treatment with brovanexine and BR-227 in rats] Takeda H, et al. **Nippon Yakurigaku Zasshi** 1984 Aug; 84(2):251–7 (Eng. Abstr.) **(Jpn)**

ENZYMOLOGY

Stimulation of pepsinogen secretion in permeable isolated gastric glands. Norris SH, et al. **Am J Physiol** 1985 Sep; 249(3 Pt 1):G408–15

Purification and characterization of a fatty acyl-CoA hydrolase from the uropygial glands of Peking ducks (Anas domesticus). Cheesbrough TM, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):208–16

[The female prostate and its enzymes] Zaviačič M, et al. **Bratisl Lek Listy** 1985 Jul;84(1):19–33 (Eng. Abstr.) **(Slo)**

METABOLISM

Relation between Ca^{2+} uptake and ATPase activity in the particulate fractions of the eggshell gland mucosa of the domestic fowl and duck. Lundholm CE. **Comp Biochem Physiol [A]** 1985;81(4):787–99

Molecular fractionation of Zn, Cu, Cd and Pb in the midgut gland of Helix pomatia L. Dallinger R, et al. **Comp Biochem Physiol [C]** 1984;79(1):125–9

Predominant synthesis of fibroin heavy and light chains on the membrane-bound polysomes prepared from the posterior silk gland of the silkworm, Bombyx mori. Oyama F, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1143–53

Distribution of elements in the pancreatic exocrine cells determined by electron probe X-ray microanalysis. Nakagaki I, et al. **Pflugers Arch** 1984 Aug;401(4):340–5

Na^+–H^+ exchange in gastric glands as measured with a cytoplasmic-trapped, fluorescent pH indicator. Paradiso AM, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(23):7436–40

Absence of toxin-producing parapodial glands in amphinomid polychaetes (fireworms). Eckert GJ. **Toxicon** 1985;23(2):350-3

PATHOLOGY

Glandular or mucus-secreting components in squamous cell carcinoma of the esophagus. Kuwano H, et al. **Cancer** 1985 Aug 1;56(3):514-8

An unusual tumour mistaken as a lingual thyroid (a case report). Soni NK, et al. **J Laryngol Otol** 1984 Oct; 98(10):1055-6

Parameatal ducts of glans penis. Structure, symptoms, and treatment of uncommon focus of infection. Gilhooly P, et al. **Urology** 1984 Oct;24(4):375-8

PHYSIOLOGY

Metabolic reorganization in the silk gland of eri-silkworm, Philosamia ricini, during thermal acclimation. Singh SP, et al. **Arch Int Physiol Biochim** 1984 Aug;92(2):81-4

Effect of human seminal plasma and mouse accessory gland extracts on mouse fertilization in vitro. Quinn P, et al. **Aust J Biol Sci** 1984;37(3):147-52

Pardaxin increases solute permeability of gills and rectal gland in the dogfish shark (Squalus acanthias). Primor N, et al. **Comp Biochem Physiol [C]** 1984;78(2):483-90

Effect of gonadectomy on the secretory activity of the cerebral glands in Lithobius forficatus L. (Myriapoda Chilopoda). Joly R. **Exp Biol** 1984;43(2):109-17

Role of progesterone on the control of scent marking in Suncus murinus viridescens (Blyth). Balakrishnan M, et al. **Physiol Behav** 1984 Sep;33(3):415-9

SECRETION

Regulation of intestinal goblet cells in situ, in mucosal explants and in the isolated epithelium. Neutra MR, et al. **Ciba Found Symp** 1984;109:20-39 (25 ref.)

Stimulus-secretion coupling in exocrine glands: the role of inositol-1,4,5-trisphosphate, calcium and cAMP. Schulz I, et al. **Curr Eye Res** 1985 Apr;4(4):467-73

Acetylcholine-like effects of 1-O-alkyl-2-acetyl-sn-glycero-3-phosphocholine ('platelet-activating factor') and its analogues in exocrine secretory glands. Söling HD, et al. **Eur J Biochem** 1984 Oct 1;144(1):65-72

Hormonal control of femoral gland secretion in the lizard, Amphibolurus ornatus. Fergusson B, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):371-6

Effect of male accessory gland secretions on sensitivity of porcine sperm acrosomes to cold shock, initiation of motility and loss of cytoplasmic droplets. Berger T, et al. **J Anim Sci** 1985 May;60(5):1295-302

Pulmonary C-fibers reflexly increase secretion by tracheal submucosal glands in dogs. Schultz HD, et al. **J Appl Physiol** 1985 Mar;58(3):907-10

The role of vagal reflex in mechanism of secretagogic action of bromhexine. Takeda H, et al. **Jpn J Pharmacol** 1984 Aug;35(4):445-50

Inhibition of flank-marking behavior in golden hamsters by microinjection of a vasopressin antagonist into the hypothalamus. Ferris CF, et al. **Neurosci Lett** 1985 Apr 9;55(2):239-43

Mechanism of NaCl secretion in the rectal gland of spiny dogfish (Squalus acanthias). I. Experiments in isolated in vitro perfused rectal gland tubules. Greger R, et al. **Pflugers Arch** 1984 Sep;402(1):63-75

Exocrine and endocrine secretion of renin and epidermal growth factor from the mouse submandibular glands. Nexø E, et al. **Regul Pept** 1984 Jul;8(4):327-34

[Role of enzymes of the digestive glands in the regulation of their secretion] Korot'ko GV. **Fiziol Zh SSSR** 1985 Feb; 71(2):171-81 (63 ref.) **(Rus)**

ULTRASTRUCTURE

Studies on the poll glands of the one-humped camel in relation to reproductive activity. II. Ultrastructural observations. Tingari MD, et al. **J Anat** 1984 Oct;139 (Pt 3):463-74

Dermo-epithelial interactions during the development of cutaneous gland anlagen in Amphibia: a light and electron microscope study on several species with some cytochemical findings. Delfino G, et al. **Z Mikrosk Anat Forsch** 1985;99(2):225-53

[Presence of filamentary secretory granules in the mucous cells of human bronchial glands] Richard S, et al. **Ann Pathol** 1984 Sep-Nov;4(4):309-12 (Eng. Abstr.) **(Fre)**

EXOCYTOSIS

A quantitative electron microscopic study on the frequency of exocytosis in the anterior pituitary of perinatal rats. Watanabe YG. **Anat Embryol (Berl)** 1984;170(3):223-8

A possible role for endogenous protease in secretory events. Allan D. **Biochem Soc Trans** 1984 Dec;12(6):965-6

Exocytosis involves highly localized membrane fusions. Chandler DE. **Biochem Soc Trans** 1984 Dec;12(6):961-3

Proteinase inhibitory activity released from the horseshoe crab blood cell during exocytosis. Armstrong PB, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):453-9

Diacytosis of 125I-asialoorosomucoid by rat hepatocytes. A non-lysosomal pathway insensitive to inhibition by inhibitors of ligand degradation. Chang TM, et al. **Biochim Biophys Acta** 1984 Nov 13;805(3):268-76

HLA-DR antigen expression on the keratinocyte surface in dermatoses characterized by lymphocytic exocytosis (e.g. pityriasis rosea). Aiba S, et al. **Br J Dermatol** 1984 Sep; 111(3):285-94

Biogenesis of epithelial cell polarity: intracellular sorting and vectorial exocytosis of an apical plasma membrane glycoprotein. Misek DE, et al. **Cell** 1984 Dec;39(3 Pt 2):537-46

Requirement for metalloendoprotease in exocytosis: evidence in mast cells and adrenal chromaffin cells. Mundy DI, et al. **Cell** 1985 Mar;40(3):645-56

Light microscopic observations on the release of vesicles by isolated chromaffin cells. Edwards C, et al. **Cell Motil** 1984; 4(4):297-303

Exocytosis of cortical granules from activated oocytes of the toad, Bufo arenarum. Gómez MI, et al. **Cell Tissue Res** 1984;237(1):191-4

Activation of Na+-dependent transport at fertilization in the sea urchin: requirements of both an early event associated with exocytosis and a later event involving increased energy metabolism. Schneider EG. **Dev Biol** 1985 Mar;108(1):152-63

SV40 T antigen and the exocytotic pathway. Sharma S, et al. **EMBO J** 1985 Jun;4(6):1479-89

Synchronous exocytosis in Paramecium cells. V. Ultrastructural adaptation phenomena during re-insertion of secretory organelles. Pape R, et al. **Eur J Cell Biol** 1985 Jan;36(1):38-47

Polyphosphoinositide hydrolysis is associated with exocytosis in adrenal medullary cells. Whitaker M. **FEBS Lett** 1985 Sep 9;189(1):137-40

Calcium-dependent polyphosphoinositide hydrolysis is associated with exocytosis in vitro. Whitaker M, et al. **FEBS Lett** 1985 Mar 11;182(1):119-24

Endocytosis and exocytosis: current concepts of vesicle traffic in animal cells. Willingham MC, et al. **Int Rev Cytol** 1984;92:51-92 (246 ref.)

Endocytosis, proteolysis, and exocytosis of exogenous proteins by cultured myotubes. Janeczko RA, et al. **J Biol Chem** 1985 Jun 10;260(11):7051-8

Novel inhibition of proteoglycan synthesis and exocytosis by diethylcarbamazine in the Swarm rat chondrocyte. Stevens RL, et al. **J Biol Chem** 1985 May 10;260(9):5777-86

Modulation of cytosolic-free calcium transients by changes in intracellular calcium-buffering capacity: correlation with exocytosis and O2-production in human neutrophils. Lew PD, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1212-20

Comparison of quick-frozen and chemically fixed sea-urchin eggs: structural evidence that cortical granule exocytosis is preceded by a local increase in membrane mobility. Chandler DE. **J Cell Sci** 1984 Dec;72:23-36

Extracellular release of rat eosinophil peroxidase (EPO) I. Role of anaphylactic immunoglobulins. Khalife J, et al. **J Immunol** 1985 Mar;134(3):1968-74

Monitoring human neutrophil granule secretion by flow cytometry: secretion and membrane potential changes assessed by light scatter and a fluorescent probe of membrane potential. Fletcher MP, et al. **J Leukocyte Biol** 1985 Apr;37(4):431-47

Carbon-dioxide-induced exocytotic insertion of H+ pumps in turtle-bladder luminal membrane: role of cell pH and calcium. Cannon C, et al. **Nature** 1985 Apr 4-10; 314(6010):443-6

Exocytosis by retinal pigment epithelial cells. Matsumura M, et al. **Ophthalmic Res** 1985;17(3):148-53

The effective membrane capacity of Xenopus eggs: its relations with membrane conductance and cortical granule exocytosis. Peres A, et al. **Pflugers Arch** 1985 Jul; 404(3):266-72

The rate-determining step in cAMP-mediated exocytosis in the rat parotid and submandibular glands appears to involve analogous 26-kDa integral membrane phosphoproteins. Quissell DO, et al. **Proc Natl Acad Sci USA** 1985 May; 82(10):3237-41

Pancreatic secretion by nonparallel exocytosis: potential resolution of a long controversy. Adelson JW, et al. **Science** 1985 May 24;228(4702):993-6

Rapid insertion and retrieval of pumps and channels into membranes by exocytosis and endocytosis. Al-Awqati Q. **Soc Gen Physiol Ser** 1985;39:149-57 (17 ref.)

Plasma membrane specialization at the discharge site of the excretory poreless vacuole of the ciliate Euplotes raikovi. Dallai R, et al. **Tissue Cell** 1985;17(3):309-20

[Aggregation and swelling of brain synaptic vesicles in rats] Antonikov IM, et al. **Biull Eksp Biol Med** 1985 May; 99(5):560-3 (Eng. Abstr.) **(Rus)**

[Exocytosis of cytolytic T-lymphocytes studied by cryofracture and stereophotogrammetry] Shevelev AA, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):476-8 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Phorbol ester-induced changes of cytoplasmic pH in neutrophils: role of exocytosis in Na+-H+ exchange. Grinstein S, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C379-86

The capacity of basic peptides to trigger exocytosis from mast cells correlates with their capacity to immobilize band 3 proteins in erythrocyte membranes. Dufton MJ, et al. **Biochem J** 1984 Oct 1;223(1):67-71

Phosphorylation of the ribosomal protein S6 during agonist-induced exocytosis in exocrine glands is catalyzed by calcium-phospholipid-dependent protein kinase (protein kinase C). Experiments with guinea pig parotid glands. Padel U, et al. **Eur J Biochem** 1985 Aug 15;151(1):1-10

Synchronous exocytosis in Paramecium cells. IV. Polyamino compounds as potent trigger agents for repeatable trigger-redocking cycles. Plattner H, et al. **Eur J Cell Biol** 1985 Jan;36(1):32-7

Mild proteolytic digestion restores exocytotic activity in N-ethylmaleimide-inactivated cell surface complex from sea urchin eggs. Jackson RC, et al. **J Cell Biol** 1985 Jul; 101(1):6-11

Carbon dioxide causes exocytosis of vesicles containing H+ pumps in isolated perfused proximal and collecting tubules. Schwartz GJ, et al. **J Clin Invest** 1985 May;75(5):1638-44

Effect of a second dose of thyrotropin on exocytosis and endocytosis in the rat thyroid gland. Ericson LE, et al. **J Endocrinol Invest** 1984 Dec;7(6):603-10

Cortical granule exocytosis in sea urchin eggs is inhibited by drugs that alter intracellular calcium stores. Stephens CL, et al. **J Exp Zool** 1985 May;234(2):289-99

The chromaffin granule proton pump and calcium-dependent exocytosis in bovine adrenal medullary cells. Knight DE, et al. **J Membr Biol** 1985;83(1-2):147-56

Trifluoperazine reduces inward ionic currents and secretion by separate mechanisms in bovine chromaffin cells. Clapham DE, et al. **J Physiol (Lond)** 1984 Aug;353:541-64

Biological action of diacylglycerol in receptor functions for exocytosis. Kajikawa N. **Kobe J Med Sci** 1984 Dec; 30(5-6):63-76

Irreversible swelling of secretory granules during exocytosis caused by calcium. Zimmerberg J, et al. **Nature** 1985 Jun 13-19;315(6020):581-4

[Fluorometric method of studying thrombocyte endo- and exocytosis during heparin exposure] Zhukovskaia ES, et al. **Lab Delo** 1984;(8):457-60 (Eng. Abstr.) **(Rus)**

[Gastrointestinal manifestations of systemic mastocytosis and its treatment with antagonists of H1 and H2 receptors. Experimental study] Serrano Sánchez PA. **Rev Esp Enferm Apar Dig** 1985 Feb;67(2):147-59 (Eng. Abstr.) **(Spa)**

EXODEOXYRIBONUCLEASES

Nonrandom DNA sequencing of exonuclease III-deleted complementary DNA. Okita TW. **Anal Biochem** 1985 Jan; 144(1):207-11

The mechanism of the chi-cos interaction in RecA-RecBC-mediated recombination in phage lambda. Kobayashi I, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:497-506

ANALYSIS

Mutation-dependent suppression of recB21 recC22 by a region cloned from the Rac prophage of Escherichia coli K-12. Willis DK, et al. **J Bacteriol** 1985 Jun;162(3):1166-72

ANTAGONISTS & INHIBITORS

Novel interaction of aphidicolin with herpes simplex virus DNA polymerase and polymerase-associated exonuclease. Frank KB, et al. **J Biol Chem** 1984 Nov 10;259(21):13282-6

GENETICS

Escherichia coli recBC deletion mutants. Chaudhury AM, et al. **J Bacteriol** 1984 Nov;160(2):788-91

Rec-dependent and Rec-independent recombination of plasmid-borne duplications in Escherichia coli K12. Matfield M, et al. **MGG** 1985;199(3):518-23

Prophage inactivation in recB-proficient Escherichia coli K12 (lambda) lysogens after ultraviolet irradiation. Petranović M, et al. **MGG** 1984;196(1):167-9

Mini-F plasmid-induced SOS signal in Escherichia coli is RecBC dependent. Bailone A, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5973-7

A new class of Escherichia coli recBC mutants: implications for the role of RecBC enzyme in homologous recombination. Chaudhury AM, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7850-4

ISOLATION & PURIFICATION

Purification and characterization of exonuclease V from Escherichia coli K-12. Dykstra CC, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:463-7

METABOLISM

Replacement synthesis labeling of DNA molecules in vitro using the Escherichia coli exonuclease III/DNA polymerase I enzyme pair. James CD, et al. **Anal Biochem** 1984 Aug 15;141(1):33-7

Deoxyribonuclease IV from rat liver chromatin and the excision of apurinic sites from depurinated DNA. Grondal-Zocchi G, et al. **Biochem J** 1985 Jan 15; 225(2):535-42

Stereochemical course of hydrolysis of DNA by exonuclease I from Escherichia coli. Brody RS, et al. **Biochemistry** 1985 Apr 9;24(8):2072-6

In vitro concatemerization of bacteriophage T7 DNA: role of DNA synthesis and gene 6 exonuclease. Lee DD, et al. **Can J Biochem Cell Biol** 1985 Apr;63(4):237-42

Chi-dependent DNA strand cleavage by RecBC enzyme

Ponticelli AS, et al. **Cell** 1985 May;41(1):145-51

RecBC enzyme nicking at Chi sites during DNA unwinding: location and orientation-dependence of the cutting. Taylor AF, et al. **Cell** 1985 May;41(1):153-63

Roles of RecBC enzyme and chi sites in homologous recombination. Smith GR, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:485-95

DNase VII of human placenta. Mechanism studies. Chen GL, et al. **J Biol Chem** 1985 Apr 25;260(8):5073-80

Reconstitution of RecBC DNase activity from purified Escherichia coli RecB and RecC proteins. Hickson ID, et al. **J Biol Chem** 1985 Jan 25;260(2):1224-9

[Enzymatic mechanisms of degradation of DNA replication forks in vitro] Fradkin GE, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1518-23 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Coupling with packaging explains apparent nonreciprocality of Chi-stimulated recombination of bacteriophage lambda by RecA and RecBC functions. Kobayashi I, et al. **Genetics** 1984 Dec;108(4):773-94

General recombination in Escherichia coli K-12: in vivo role of RecBC enzyme. Yancey SD, et al. **J Bacteriol** 1985 Apr; 162(1):29-34

EXODONTICS see **TOOTH EXTRACTION**

EXOMPHALOS see **HERNIA, UMBILICAL**

EXONS see **BASE SEQUENCE**

EXONUCLEASES

GENETICS

Restoration of viability to an Escherichia coli mutant deficient in the 5'——3' exonuclease of DNA polymerase I. Boling M, et al. **J Bacteriol** 1984 Nov;160(2):706-10

ISOLATION & PURIFICATION

Purification and mode of action of a microsomal exoribonuclease from rat liver. Kumagai H, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):431-8

METABOLISM

Coupled endo-exodeoxyribonuclease activity from HeLa cell nuclei interacts with specific regions of the SV40 mini chromosome. Quarless SA. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):805-11

A 3' to 5' exonuclease activity is associated with phage 029 DNA polymerase. Watabe K, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1019-26

The mechanism of pyrophosphorolysis of RNA by RNA polymerase. Endowment of RNA polymerase with artificial exonuclease activity. Rozovskaya TA, et al. **Biochem J** 1984 Dec 1;224(2):645-50

Stereochemical course of the 3'-----5'-exonuclease activity of DNA polymerase I. Gupta AP, et al. **Biochemistry** 1984 Nov 20;23(24):5874-81

An exonuclease protection assay reveals heat-shock element and TATA box DNA-binding proteins in crude nuclear extracts. Wu C. **Nature** 1985 Sep 5-11;317(6032):84-7

Characterization of a 3'-----5' exonuclease activity in the phage phi 29-encoded DNA polymerase. Blanco L, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1239-49

T4 DNA polymerase (3'-5') exonuclease, an enzyme for the detection and quantitation of stable DNA lesions: the ultraviolet light example. Doetsch PW, et al. **Nucleic Acids Res** 1985 May 10;13(9):3285-304

PHYSIOLOGY

Coupled endo-exodeoxyribonuclease activity from HeLa cell nuclei can function in an excision repair mode in vitro. Quarless SA. **Biochem Biophys Res Commun** 1985 Jan 31; 126(2):812-7

EXOPHTHALMIC GOITER see **GOITER, EXOPHTHALMIC**

EXOPHTHALMOS

BLOOD

[Somatomedin activity in Wiedemann-Beckwith syndrome] Weninger M, et al. **Monatsschr Kinderheilkd** 1984 Dec; 132(12):900-3 (Eng. Abstr.) **(Ger)**

COMPLICATIONS

Erdheim-Chester disease with bilateral exophthalmus and liver cell adenoma. Palmer FJ, et al. **Australas Radiol** 1984 Nov;28(4):305-10

DIAGNOSIS

Neuro-ophthalmic evaluation of the red orbit syndrome. Sergott RC. **Neurol Clin** 1983 Nov;1(4):897-908

[Pseudotumors of the orbit (data of the Kazakh Scientific Research Institute of Ophthalmology)] Galimova RZ, et al. **Oftalmol Zh** 1985;(2):102-4 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Eyelid ecchymosis and proptosis in lymphangioma. Dryden RM, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):486-7

Malar fractures associated with exophthalmos. Godoy J, et al. **Arch Otolaryngol** 1985 Mar;111(3):174-7

IgDK multiple myeloma presenting as unilateral proptosis. Chu JY, et al. **Can J Neurol Sci** 1985 Feb;12(1):69-72

Orbital glioma. Mohan Reddy CC, et al. **Indian J Ophthalmol** 1984 Jan-Feb;32(1):49-50

The superior orbital fissure syndrome. Zachariades N, et al. **J Maxillofac Surg** 1985 Jun;13(3):125-8

Giant cell granuloma of the orbit with intracranial extension. Sebag J, et al. **Neurosurgery** 1985 Jan;16(1):75-8

Ocular involvement in neuroblastoma: prognostic implications. Musarella MA, et al. **Ophthalmology** 1984 Aug;91(8):936-40

Maxillary ameloblastoma with orbital invasion. A clinicopathologic study. Weiss JS, et al. **Ophthalmology** 1985 May;92(5):710-3

Orbital causes of red eye. Differential diagnosis in essential to initiate appropriate and possibly life-saving therapy. Kaufman CE, et al. **RI Med J** 1985 Jan;68(1):25-30

Lid retraction or no lid retraction in optic neuropathy with proptosis [clinical conference] Miller NR, et al. **Surv Ophthalmol** 1985 May-Jun;29(6):443-9

[Endocrine orbital diseases in hypothyroidism] Brožková V, et al. **Cas Lek Cesk** 1984 Dec 14;123(50):1541-4 (Eng. Abstr.) **(Cze)**

[Lymphangioma of the orbit] Chaker M, et al. **Tunis Med** 1983 Nov-Dec;61(6):401-4 (Eng. Abstr.) **(Fre)**

[Skull base metastasis of prostatic cancer presenting as exophthalmos--a case report] Kurisu K, et al. **Gan No Rinsho** 1985 Mar;31(3):303-7 (Eng. Abstr.) **(Jpn)**

[Unilateral exophthalmos] Janczewski G, et al. **Pol Tyg Lek** 1984 May 7;39(19):645-8 **(Pol)**

[Endocrine exophthalmopathy] Biriukova MP. **Probl Endokrinol (Mosk)** 1984 Nov-Dec;30(6):67-73 (100 ref.) **(Rus)**

[Neurologic manifestations of sympathoblastoma in children] Bunjevački G, et al. **Srp Arh Celok Lek** 1984 Feb; 112(2):173-82 (Eng. Abstr.) **(Scc)**

IMMUNOLOGY

[Immunologic tumor diagnosis in exophthalmos] Küchle HJ, et al. **Fortschr Ophthalmol** 1984;81(4):372-4 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Determination of the normal range of exophthalmometric values for black and white adults. Migliori ME, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):438-42

Isolated Graves' ophthalmopathy: case report. Exstrum TD, et al. **Milit Med** 1985 Jan;150(1):37-9

RADIOGRAPHY

Orbital hemorrhage with proptosis following a dacryocystorhinostomy. Slonim CB, et al. **Ophthalmic Surg** 1984 Sep;15(9):774-5

[X-ray computed tomographic symptomatology of carotid-cavernous fistulas] Girard B, et al. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1121-6 (Eng. Abstr.) **(Fre)**

[Computerized tomography of the orbit in Graves-Basedow disease] Krzystolikowa Z, et al. **Klin Oczna** 1984 Nov; 86(11):481-3 (Eng. Abstr.) **(Pol)**

THERAPY

[Treatment of the malignant phase of infiltrative-edematous exophthalmos in Graves-Basedow disease] Zgliczyński S, et al. **Pol Tyg Lek** 1984 Jul 16-23;39(29-30):981-6 (Eng. Abstr.) **(Pol)**

VETERINARY

Cranial tumors in aged cattle causing Horner's syndrome and exophthalmos. Guard CL, et al. **Cornell Vet** 1984 Oct; 74(4):361-5

EXORIBONUCLEASES

ANTAGONISTS & INHIBITORS

Inhibition of 2'-phosphodiesterase by cAMP-dependent protein kinase. Involvement of phosphorylation of protein inhibitor. Itkes AV, et al. **FEBS Lett** 1984 Oct 15; 176(1):65-8

BIOSYNTHESIS

[Intracellular and extracellular ribonucleases of Bacillus intermedius] Sharipova FR, et al. **Mikrobiologiia** 1984 Jul-Aug;53(4):563-7 (Eng. Abstr.) **(Rus)**

[Effect of chloramphenicol and actinomycin D on extracellular alkaline RNAse biosynthesis by Bacillus intermedius] Znamenskaia LV, et al. **Mikrobiologiia** 1984 Sep-Oct;53(5):796-802 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Purification and properties of a novel nucleolar exoribonuclease capable of degrading both single-stranded and double-stranded RNA. Eichler DC, et al. **Biochemistry** 1985 Jan 29;24(3):686-91

Isolation and properties of a single-strand 5'-----3' exoribonuclease from Ehrlich ascites tumor cell nucleoli. Lasater LS, et al. **Biochemistry** 1984 Sep 11;23(19):4367-73

Purification and characterization of Escherichia coli RNase T. Deutscher MP, et al. **J Biol Chem** 1985 Jun 10; 260(11):7067-71

Simultaneous isolation of cytoplasmic endoribonuclease and exoribonuclease of Trypanosoma brucei. Gbenle GO. **Mol Biochem Parasitol** 1985 Apr;15(1):37-47

METABOLISM

Activities of cAMP-dependent protein kinase and enzymes of 2',5'-oligoadenylate metabolism in NIH 3T3 cells deepening into the resting state. Itkes AV, et al. **Exp Cell Res** 1985 Apr;157(2):335-42

A multiple mutant of Escherichia coli lacking the exoribonucleases RNase II, RNase D, and RNase BN. Zaniewski R, et al. **J Biol Chem** 1984 Oct 10; 259(19):11651-3

Influence of the xyloadenosine analogue of 2',5'-oligoriboadenylate on poly(A)-specific, 2',5'-oligoriboadenylate degrading 2',3'-exoribonuclease and further enzymes involved in poly(A)(+)mRNA metabolism. Schröder HC, et al. **Mol Biol Rep** 1984 Dec; 10(2):83-9

[Study of 2'-phosphodiesterase activity in cultured NIH 3T3 cells during activation of cAMP-dependent phosphorylation] Kartasheva ON, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):450-5 (Eng. Abstr.) **(Rus)**

EXOSTOSES

The first cuneometatarsal joint exostosis. Clinical and etiological considerations. Marcinko DE, et al. **J Am Podiatr Med Assoc** 1985 Aug;75(8):401-5

CHEMICALLY INDUCED

Diffuse hyperostosis associated with etretinate [letter] Burge S, et al. **Lancet** 1985 Aug 17;2(8451):397-8

COMPLICATIONS

A big pain between the small toes. Goldner RD. **NC Med J** 1985 Jul;46(7):403-4

[Tibial exostosis. A rare cause of unilateral intermittent claudication] Allermand H, et al. **Ugeskr Laeger** 1984 Jul 23;146(30):2239-40 (Eng. Abstr.) **(Dan)**

DIAGNOSIS

The tricho-rhino-phalangeal syndrome with exostoses (or Langer-Giedion syndrome): four additional patients without mental retardation and review of the literature. Langer LO Jr, et al. **Am J Med Genet** 1984 Sep; 19(1):81-112

Correlative radiographic, scintigraphic, and histological evaluation of exostoses. Lange RH, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1454-9

ETIOLOGY

Bony mass associated with hypertrophy of the sternohyoid muscle after radical neck dissection. Kurita K, et al. **Int J Oral Surg** 1985 Feb;14(1):89-92

Subpontic osseous proliferation. Burkes EJ Jr, et al. **J Prosthet Dent** 1985 Jun;53(6):780-5

HISTORY

Porotic hyperostosis: representative of a childhood condition. Stuart-Macadam P. **Am J Phys Anthropol** 1985 Apr; 66(4):391-8

On the etiology and pathogenesis of porotic hyperostosis of the skull. Ponec DJ, et al. **Invest Radiol** 1984 Jul-Aug; 19(4):313-7

OCCURRENCE

Torus palatinus. A clinical study. Chew CL, et al. **Aust Dent J** 1984 Aug;29(4):245-8

PATHOLOGY

The petrified auricle: comments on ossification, calcification and exostoses of the external ear. DiBartolomeo JR. **Laryngoscope** 1985 May;95(5):566-76

RADIOGRAPHY

Case report 311. Sternocostoclavicular hyperostosis (SCCH). Gerster JC, et al. **Skeletal Radiol** 1985;14(1):53-60

Sclerotic changes of the manubrium sterni. Jurik AG, et al. **Skeletal Radiol** 1985;13(3):195-201

SURGERY

Flap protection in exostosis surgery. LeLiever WC. **Laryngoscope** 1985 Sep;95(9 Pt 1):1126-7

EXOSTOSES, MULTIPLE

COMPLICATIONS

[Vascular complications in osteochondromatosis] Proček J, et al. **Acta Chir Orthop Traumatol Cech** 1985 Feb;52(1):85-7 (Eng. Abstr.) **(Cze)**

[Neurological changes in Giedion's syndrome (tricho-rhinophalagia type I)] Ramírez Balza O, et al. **An Esp Pediatr** 1985 Feb;22(2):143-8 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Correlative radiographic, scintigraphic, and histological evaluation of exostoses. Lange RH, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1454-9

[A case of tricho-rhino-phalangeal syndrome] Colombo E, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec;119(6):387-9 (Eng. Abstr.) **(Ita)**

FAMILIAL & GENETIC

New syndrome: exostoses, anetodermia, brachydactyly. Mollica F, et al. **Am J Med Genet** 1984 Dec;19(4):665-7

A complex rearrangement, including a deleted 8q, in a case of Langer-Giedion syndrome. Schwartz S, et al. **Clin Genet** 1985 Feb;27(2):175-82

Hereditary multiple exostoses. Report of a family. Crandall BF, et al. **Clin Orthop** 1984 Nov;(190):217-9

The treatment of hereditary multiple exostosis of the upper extremity. Wood VE, et al. **J Hand Surg [Am]** 1985 Jul; 10(4):505-13

[Dystrophic dysplasia in siblings] Arbuzova SB, et al. **Pediatriia** 1984 Dec;(12):65-6 **(Rus)**

PATHOLOGY

Malignant degeneration of hereditary multiple exostosis: a case history. Foreman SM, et al. **J Manipulative Physiol Ther** 1984 Dec;7(4):267-73

RADIOGRAPHY

Covert diaphyseal aclasia. Schubert F, et al. **Australas Radiol** 1985 Feb;29(1):52-6

EXOTOXINS

Circular dichroism of diphtheria toxin, Pseudomonas aeruginosa exotoxin A, and various derivatives. Collins CM, et al. **Biochim Biophys Acta** 1985 Apr 5;828(2):138-43

The contribution of exoproducts to virulence of Pseudomonas aeruginosa. Nicas TI, et al. **Can J Microbiol** 1985 Apr;31(4):387-92

ANALYSIS

Exotoxin A from various Pseudomonas aeruginosa cultures: in vitro activity measured by enzyme-linked immunosorbent assay (ELISA). Ogaard AR, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Jun; 93(3):217-23

Monoclonal antibodies to leukotoxin of Actinobacillus actinomycetemcomitans. DiRienzo JM, et al. **Infect Immun** 1985 Jan;47(1):31-6

BIOSYNTHESIS

Genetic mapping and characterization of Pseudomonas aeruginosa mutants that hyperproduce exoproteins. Björklind A, et al. **J Bacteriol** 1985 Jun;162(3):1329-31

Toxic shock syndrome Staphylococcus aureus: effect of tampons on toxic shock syndrome toxin 1 production. Schlievert PM, et al. **Obstet Gynecol** 1984 Nov; 64(5):666-71

GENETICS

Cloning of an enzymatically active segment of the exotoxin-A gene of Pseudomonas aeruginosa. Clowes RC, et al. **Basic Life Sci** 1985;30:777-90

The gene for type A streptococcal exotoxin (erythrogenic toxin) is located in bacteriophage T12. Weeks CR, et al. **Infect Immun** 1984 Nov;46(2):531-6

Genetic characterization and cloning of the toxic shock syndrome exotoxin. Kreiswirth BN, et al. **Surv Synth Pathol Res** 1984;3(1):73-82

IMMUNOLOGY

Eosinophilic granular cells (EGC) and histamine responses to Aeromonas salmonicida toxins in rainbow trout. Ellis AE. **Dev Comp Immunol** 1985 Spring;9(2):251-60

Reaction of antibody in sera from cystic fibrosis patients with non-toxic forms of Pseudomonas aeruginosa exotoxin A. Klinger KW, et al. **Eur J Clin Microbiol** 1985 Apr; 4(2):201-6

Responses of adult volunteers to a Pseudomonas aeruginosa exotoxoid-A vaccine [letter] Lydick E, et al. **J Infect Dis** 1985 Feb;151(2):375

ISOLATION & PURIFICATION

Laboratory evaluation of an exotoxin from Bacillus thuringiensis subsp. morrisoni to horn fly larvae (Diptera: Muscidae) and mice. Haufler M, et al. **J Econ Entomol** 1985 Jun;78(3):613-6

Purification and properties of succinic oxidase factor, an extracellular product of Staphylococcus aureus. Gemmell CG. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec; 258(4):431-40

METABOLISM

Biochemical and genetic studies of iron-regulated (exotoxin A) and phosphate-regulated (hemolysin phospholipase C) virulence factors of Pseudomonas aeruginosa. Vasil ML, et al. **Antibiot Chemother** 1985;36:23-39

Trafficking of Pseudomonas exotoxin A in mammalian cells. Saelinger CB, et al. **Eur J Clin Microbiol** 1985 Apr; 4(2):170-4

PHARMACODYNAMICS

Effect of Pseudomonas aeruginosa exotoxin-A on the synthesis and secretion of proteins in isolated rat pancreatic acini. Geokas MC, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):198-204

The inhibition of ornithine transcarbamoylase from Escherichia coli W by phaseolotoxin. Templeton MD, et al. **Biochem J** 1984 Dec 1;224(2):379-88

Effect of E. coli ectotoxin on calcium and phosphate concentration in serum of dairy cows. Sandstedt H, et al. **Nord Vet Med** 1984 Nov-Dec;36(11):406-7

PHYSIOLOGY

Biological properties of toxic shock syndrome exotoxin. Schlievert PM. **Surv Synth Pathol Res** 1984;3(1):54-62

THERAPEUTIC USE

Anti-transferrin receptor antibody linked to Pseudomonas exotoxin as a model immunotoxin in human ovarian carcinoma cell lines. Pirker R, et al. **Cancer Res** 1985 Feb; 45(2):751-7

TOXICITY

Corynebacterium pseudotuberculosis exotoxin: fatal hemolytic anemia induced in gnotobiotic neonatal small ruminants by parenteral administration of preparations containing exotoxin. Hsu TY, et al. **Am J Vet Res** 1985 May;46(5):1206-11

Effect of malignant transformation, retinoic acid, trifluoperazine, and N-(6-aminohexyl)-5-chloro-1-naphthalenesulfonamide (W7) on the sensitivity of rodent cells to Pseudomonas toxin. Sundan A, et al. **Cancer Res** 1984 Nov;44(11):4919-23

Evidence that the penton base of adenovirus is involved in potentiation of toxicity of Pseudomonas exotoxin conjugated to epidermal growth factor. Seth P, et al. **Mol Cell Biol** 1984 Aug;4(8):1528-33

EXOTROPIA see under **STRABISMUS**

EXPECTORANTS

N-[[(Mercaptoacetyl)amino]benzoyl]glycines as mucolytic agents. Martin TA, et al. **J Med Chem** 1985 Jul;28(7):910-4

ADVERSE EFFECTS

Psychiatric reactions produced by respiratory drugs. Hall RC, et al. **Psychosomatics** 1985 Jul;26(7):605-8, 615-6 (66 ref.)

ANALYSIS

Evaluation of high-performance liquid chromatography and gas chromatography for quantitation of dextromethorphan hydrobromide in cough-cold syrup preparations. Gibbs V, et al. **J Pharm Sci** 1984 Sep;73(9):1248-51

CHEMICAL SYNTHESIS

[New 2,4-dibromo-6-(N-cyclohexyl-N-methyl)-aminomethylan of derivatives of cysteine and cystine with expectorant activity] Nardi D, et al. **Farmaco [Sci]** 1985 Feb; 40(2):108-19 (Eng. Abstr.) **(Ita)**

METABOLISM

Absorption, distribution, excretion and metabolism of domiodol. Ohtsuki T, et al. **Farmaco [Prat]** 1984 Sep; 39(9):291-309

The pharmacokinetics of the bronchosecretolytic ozothin after intravenous injection. Kleinschmidt J, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Apr;23(4):200-3

PHARMACODYNAMICS

Selected methods for the evaluation of the effects of drugs on mucus viscoelasticity and mucociliary clearance. Bell AE, et al. **Biorheology** 1984;Suppl 1:127-30

Thiopronine and lung levels of erythromycin [letter] Coppi G, et al. **J Antimicrob Chemother** 1984 Sep;14(3):307-8

Comparison of the effect of three oral mucolytics on the ultrastructure of the tracheal epithelium in rabbits. Konrádová V, et al. **Respiration** 1985;48(1):50-7

Mucolytic agents and mucociliary activity. Gunnarsson M, et al. **Rhinology** 1984 Dec;22(4):223-31

[Changes in secretory activity of tracheal submucosal glands by repeated treatment with brovanexine and BR-227 in rats] Takeda H, et al. **Nippon Yakurigaku Zasshi** 1984 Aug; 84(2):251-7 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Rational use of cold and cough preparations. Frei AW. **Pediatr Ann** 1985 Apr;14(4):289-91

[Clinical evaluation of the therapeutic efficacy of a new antiphlogistic and mucus-regulating drug, guaimesal, in acute and chronic bronchopneumopathies] Bandera M, et al. **Clin Ter** 1984 Sep 15;110(5):455-61 (Eng. Abstr.) **(Ita)**

EXPEDITIONS

Kilimanjaro expedition. Green AR. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):223-5

Six months on a slow boat to China. Hollis N. **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1775-7

So you want to climb Everest...? Villar RN. **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1773-5

San Carlos to Port Stanley or one way to spend Christmas down-under. Harten-Ash VJ. **J R Nav Med Serv** 1985 Summer;71(2):101-5

Tirich Mir 1984. Parrish MM. **J R Nav Med Serv** 1985 Summer;71(2):106-12

[Clinico-hygienic basis for improving the working and living conditions of geologists-geophysicists] Sokolina LL, et al. **Gig Tr Prof Zabol** 1985 Jun;(6):35-9 (Eng. Abstr.) **(Rus)**

[Diet for the first expedition of Soviet climbers to Mount Everest] Belakovskiĭ MS, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct;18(5):10-4 (Eng. Abstr.) **(Rus)**

HISTORY

Ship's surgeons and naturalists in the early history of Alaska. Part 3: Voyages for Empire and the Northwest Passage, 1814-1854. Fortuine R. **Alaska Med** 1984 Oct-Dec; 26(4):117-21

Edward Wilson—explorer, naturalist and surgeon. Schullinger JN. **Surg Gynecol Obstet** 1985 Apr; 160(4):373-7

['History of the Cinchona Barks of Nueva Granada'] Puente Veloso S. **An R Acad Nac Med (Madr)** 1984;101(3):305-3 **(Spa)**

EXPENDITURES, HEALTH

Women and divorce: health insurance coverage, utilization, and health care expenditures. Berk ML, et al. **Am J Public Health** 1984 Nov;74(11):1276-8

Should age be a criterion in health care? Siegler M. **Hastings Cent Rep** 1984 Oct;14(5):24-7

Inflation and health care prices update [letter] Virts JR, et al. **Health Aff (Millwood)** 1984 Fall;3(3):135-6

Hospital expenses in a sector model. Friedman B, et al. **Health Serv Res** 1985 Feb;19(6 Pt 1):717-51

The illusion of the quick fix. Sanford S. **Heart Lung** 1984 Nov;13(6):24A-28A

Adverse selection under a voucher system: grouping Medicare recipients by level of expenditure. Anderson G, et al. **Inquiry** 1984 Summer;21(2):135-43

Crisis, challenge, and credibility. Sledge CB. **J Bone Joint Surg [Am]** 1985 Apr;67(4):658-62

Health expenditures and elderly adults. Schrimper RA, et al. **J Gerontol** 1985 Mar;40(2):235-43

Reducing public expenditures for physician services: the price of paying less. Gabel JR, et al. **J Health Polit Policy Law** 1985 Winter;9(4):595-609

Cost containment and the physician. Angell M. **JAMA** 1985 Sep 6;254(9):1203-7

Militarism and mortality [letter] **Lancet** 1985 Jul 6;2(8445):4

What do patients value? Willingness to pay for ultrasound in normal pregnancy. Berwick DM, et al. **Med Care** 1985 Jul;23(7):881-93

Physician utilization. The state of research about physicians' practice patterns. Eisenberg JM. **Med Care** 1985 May; 23(5):461-83 (103 ref.)

Practice mode and payment method. Effects on use, costs, quality, and access. Hornbrook MC, et al. **Med Care** 1985 May;23(5):484-511 (90 ref.)

'The high cost of dying': what do the data show? Scitovsky AA. **Milbank Mem Fund Q** 1984 Fall;62(4):591-608

Public attitudes about health-care costs [letter] **N Engl J Med** 1984 Dec 27;311(26):1704-5

Utilization and expenditure on medical services in a local community. Fong NP, et al. **Singapore Med J** 1985 Apr; 26(2):131-8

The impact of exercise upon medical costs. Shephard RJ. **Sports Med** 1985 Mar-Apr;2(2):133-43

Health sector expenditure flows in Sri Lanka. Alailima P, et al. **World Health Stat Q** 1984;37(4):403-20 **(Eng. Fre)**

The use of indicators of financial resources in the health sector. Parker DA. **World Health Stat Q** 1984;37(4):451-6 **(Eng. Fre)**

[The socioeconomic cost of glaucoma] Wolmark. **Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique** 1983;:127-42 **(Fre)**

ECONOMICS

Costs of training and maintenance of expert man-power cons of drugs. Priorities in the field of helminthic diseases in developing countries. De Schaepdryver A. **Soc Sci Med** 1984;19(10):1113–6

TRENDS

A government expenditure that contains health costs. **Aust Fam Physician** 1985 Jun;14(6):486

The political argument on health costs [editorial] McPherson K. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1679–80

Responsibility for quality health care in an age of cost containment. Paris JJ. **Conn Med** 1985 Feb;49(2):105–9

The rising cost of health care: an issue brief. Robinson F, et al. **Conn Med** 1985 Feb;49(2):100–2

Medicare physician payment, participation, and reform. Burney I, et al. **Health Aff (Millwood)** 1984 Winter; 3(4):5–24

National medical care spending. Crozier DA. **Health Aff (Millwood)** 1984 Fall;3(3):108–20

Direct costs and expenditures for mental health care in the United States in 1980. Frank RG, et al. **Hosp Community Psychiatry** 1985 Feb;36(2):165–8

Medicare turns 20 as America grays. Heckler MM. **Hospitals** 1985 Feb 1;59(3):59–62

Rising health costs and challenges to patient care. Mahoney SA. **Indiana Med** 1985 Aug;78(8):704–7

Economic growth of the dental profession: comparisons with other health care sectors. Gotowka TD. **J Am Dent Assoc** 1985 Feb;110(2):179–87

Medicare revisited: a look through the past to the future. Rosenblum RW. **J Health Polit Policy Law** 1985 Winter; 9(4):669–81

An attack on physician services. Carr AA. **J Med Assoc Ga** 1985 Mar;74(3):142–51

Learning to say 'no'. Thurow LC. **N Engl J Med** 1984 Dec 13;311(24):1569–72

A health and hospital profile of Toledo. Price JH. **Ohio State Med J** 1985 Apr;81(4):234–7, 243

Doctors and the medical cost crisis: culprits, victims, or solution? Schroeder SA. **Pharos** 1985 Spring;48(2):12–8

The public/private mix of health sector financing: international implications. Roemer MI. **Public Health Rev** 1984;12(2):119–30

Health care expenditure containment in the United States: strategies at the state and local level. Hillman DG, et al. **Soc Sci Med** 1985;20(12):1319–30

Cost containment in 12 European countries. Abel-Smith B. **World Health Stat Q** 1984;37(4):351–63 **(Eng, Fre)**

EXPERIMENTAL DESIGN see **RESEARCH DESIGN**

EXPERT TESTIMONY

Expert evidence. Historical perspectives. Onuigbo WI. **Am J Forensic Med Pathol** 1985 Jun;6(2):141–3

Doctors in the witness box. Carson D. **Br J Hosp Med** 1985 May;33(5):283–6

Use and abuse of psychiatric testimony. Chiswick D. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):975–7

Reasonable medical certainty. Rappeport JR. **Bull Am Acad Psychiatry Law** 1985;13(1):5–15

Courting disaster. Recollections of an Indiana judge about Dr. E. Rogers Smith. Buchanan PH Jr. **Indiana Med** 1985 Aug;78(8):660

The forensic pediatrician as a child advocate. McRae KN, et al. **J Dev Behav Pediatr** 1984 Oct;5(5):259–62

The family physician as a legal consultant. Hahn RG, et al. **J Fam Pract** 1985 Jun;20(6):569–72

Competence to proceed: a functional and context-determinative decision. Bennett GT, et al. **J Forensic Sci** 1984 Oct;29(4):1119–26

The plight of the plaintiff [editorial] Laskin DM. **J Oral Maxillofac Surg** 1985 Jun;43(6):402

Expert witness testimony [letter] **JAMA** 1985 Jan 25; 253(4):509–10

On cross-examination of expert witnesses. Carmi A. **Med Law** 1985;4(2):95–100

Compelling expert testimony. Solvenko R. **Med Law** 1985; 4(2):195–8

Expert witnesses--one view. Waller. **Med Sci Law** 1984 Oct; 24(4):237–42

Uncertainty in prognosis of violent conduct [letter] **N Engl J Med** 1984 Dec 13;311(24):1582

[Evaluation of the record of the questioning of the accused and the witness by an expert psychiatrist] Musil J. **Cesk Psychiatr** 1985 Jun;81(3):192–7 (Eng. Abstr.) **(Cze)**

[Neurological expertise for insurance companies and judicial agencies] van Wijngaarden GK. **Ned Tijdschr Geneeskd** 1985 Apr 27;129(17):783–5 **(Dut)**

[Medical expert appraisal in ophthalmology for Social Security and occupational accidents. Appraisal according to the decree of 7 January 1959. From 1963 expert appraisals in ophthalmology, of which 124 cases were appraised 5 years or more after the establishment of the initial medical certificate] Surugue P, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1255–8 **(Fre)**

[Penal responsibility, always and again] Bovet J. **Rev Med Suisse Romande** 1985 Jan;105(1):5–7 **(Fre)**

[The training of medicolegal psychiatrists] Gunn J. **Rev Med Suisse Romande** 1985 Jan;105(1):33–7 **(Fre)**

[The physician facing dangerous behavior] Harding TW. **Rev Med Suisse Romande** 1985 Jan;105(1):23–31 **(Fre)**

[Medical ethics and the expert physician] Vedrinne J. **Rev Med Suisse Romande** 1985 Jan;105(1):1–3 **(Fre)**

[The expert witness in traffic court procedures] Middendorff W. **Blutalkohol** 1984 Mar;21(2):149–67 (Eng. Abstr.) **(Ger)**

[Criteria for medical expert opinion under social compensation law and according to the law on the severely disabled] Hauffe R. **Derm Beruf Umwelt** 1985;33(3):106–8 **(Ger)**

[Alcoholism--insurance medical practice] Ebert E, et al. **Lebensversicherungsmedizin** 1985 Jul 1;37(4):90–5 **(Ger)**

[Work capacity evaluation of subjects with neurotic disorders] Foerster K. **Lebensversicherungmedizin** 1985 Mar 1;37(2):44–6 (Eng. Abstr.) **(Ger)**

[Abstract and concrete disability--from the viewpoint of a medical expert] Richter H. **Lebensversicherungsmedizin** 1985 Mar 1;37(2):36–9 (Eng. Abstr.) **(Ger)**

[Insurance medicine and insurance practice] Stöhr J. **Lebensversicherungsmedizin** 1985 Jul 1;37(4):89–90 **(Ger)**

[Forensic activity and scientific research] Weinschenk C. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Jun;37(6):363–7 **(Ger)**

[Diagnosis of alcoholism in repeatedly intoxicated motorists. A study of 100 evaluations] Michot F, et al. **Schweiz Med Wochenschr** 1984 Oct 20;114(42):1451–61 (Eng. Abstr.) **(Ger)**

[Experiences with expert opinion in gynecological urology] Kruschwitz S. **Zentralbl Gynakol** 1984;106(14):965–72 (Eng. Abstr.) **(Ger)**

[Expert testimony problems in vocational guidance of adolescents with diseases or disorders of the nervous system] Polakowska B. **Med Pr** 1984;35(5):387–92 (Eng. Abstr.) **(Pol)**

[Isoenzyme polymorphism and its importance for forensic medical expertise in presenting material evidence] Gladkikh AS, et al. **Sud Med Ekspert** 1985 Apr–Jun;28(2):37–40 (Eng. Abstr.) **(Rus)**

[Basic requirements for the classification of the harmful portions of blunt objects] Iankovskiĭ VE, et al. **Sud Med Ekspert** 1984 Jul–Sep;27(3):51–2 (Eng. Abstr.) **(Rus)**

[Complex psychologico-psychiatric expert testimony with regard to affective reactions in mentally normal persons and in psychopaths] Pechernikova TP, et al. **Sud Med Ekspert** 1985 Jan–Mar;28(1):35–9 (Eng. Abstr.) **(Rus)**

[Logical methods in forensic medicine] Solokhin AA, et al. **Sud Med Ekspert** 1985 Jan–Mar;28(1):3–9 (Eng. Abstr.) **(Rus)**

[Forensic expert testimony with regard to trauma in cases of hospital death] Sosenko IuI. **Sud Med Ekspert** 1985 Jan–Mar;28(1):17–21 (Eng. Abstr.) **(Rus)**

[Tasks of complex medico-legal investigation in cases of traffic accidents] Tishin VS, et al. **Sud Med Ekspert** 1984 Jul–Sep;27(3):11–4 (Eng. Abstr.) **(Rus)**

[Improving the qualifications of forensic-medicine experts] Zagriadskaia AP, et al. **Sud Med Ekspert** 1984 Jul–Sep; 27(3):55–6 **(Rus)**

[The role of the psychiatrist as an expert in legal proceedings] Wiedermann V, et al. **Bratisl Lek Listy** 1984 Aug; 82(2):997-1003 (Eng. Abstr.) **(Slo)**

ECONOMICS

[A house stands in Holland] Meijler FL. **Ned Tijdschr Geneeskd** 1985 Jul 6;129(27):1294–5 **(Dut)**

LEGISLATION & JURISPRUDENCE

On cross-examination of expert witnesses. Carmi A. **Ann Acad Med Singapore** 1984 Jan;13(1):49–52

The psychiatrist in court. Grounds A. **Br J Hosp Med** 1985 Jul;34(1):55–8

Guidelines on attorney and physician relationships. **IMJ** 1985 May;167(5):358–61

The role of the psychiatrist in the penitentiary appeal court in The Netherlands. de Smit NW. **Int J Law Psychiatry** 1983;6(3–4):473–9

The Fitness to stand trial Interview Test: how four professions rate videotaped fitness interviews. Roesch R, et al. **Int J Law Psychiatry** 1984;7(2):115–31

Qualifying the psychiatrist as a lay witness: a reaction to the American Psychiatric Association petition in Barefoot v. Estelle. Bennett GT, et al. **J Forensic Sci** 1985 Apr; 30(2):462–6

The expert medical witness. Roberts DK. **J Kans Med Soc** 1984 Dec;85(12):335–6, 339

The expert witness [letter] French AP. **JAMA** 1985 Jul 19; 254(3):361

The vulnerability of court-appointed impartial experts in child-custody cases. Curran WJ. **N Engl J Med** 1985 May 2;312(18):1168–70

Problems of conscience and fact: consulting on medicolegal claims. Bettman JW. **Surv Ophthalmol** 1984 Sep–Oct; 29(2):137–8

[Should we rethink the final authority of expertise based on Article 13 of the Swiss Penal Code?] Stettler M. **Rev Med Suisse Romande** 1984 Aug;104(8):599–611, 613–4 **(Fre)**

[Legal evaluation of occupation-induced dermatoses] Zschunke E, et al. **Dermatol Monatsschr** 1984;170(10):632–6 (Eng. Abstr.) **(Ger)**

[Forensic demands of medical expert testimony] Piechowiak H. **Fortschr Med** 1985 Jan 10;103(1-2):63 **(Ger)**

[Clinical and forensic evaluation of twilight states] Athen D. **Off Gesundheitswes** 1985 Feb;47(2):65–7 **(Ger)**

[Expert testimony on mentally and emotionally handicapped children in relation to Paragraphs 39ff and 69 of the Federal Social Assistance code] Heuer M. **Off Gesundheitswes** 1984 Sep;46(9):426–9 **(Ger)**

[Criteria and references for the recognition of malignant tumors as occupational disease] Konetzke GW. **Z Arztl Fortbild (Jena)** 1985;79(2):89–90 **(Ger)**

[Intestinal injuries in rectosigmoidoscopy in expert opinion] Ludwig K, et al. **Zentralbl Chir** 1984;109(19):1268–72 (Eng. Abstr.) **(Ger)**

[Complications of surgical treatment of retinal detachment in forensic expert testimony] Mondelski S. **Klin Oczna** 1985 Feb;87(2):66–7 (Eng. Abstr.) **(Pol)**

STANDARDS

[Shortcomings of reports of forensic medicine experts with regard to the professional malpractice of medical workers] Panov IE, et al. **Sud Med Ekspert** 1985 Jan–Mar;28(1):48–9 **(Rus)**

[Tasks of improving forensic medical expertise in presenting material evidence] Panov IE, et al. **Sud Med Ekspert** 1985 Apr–Jun;28(2):25–9 (Eng. Abstr.) **(Rus)**

[Status of and means for improving expertise in disputed paternity] Tomilin VV, et al. **Sud Med Ekspert** 1985 Apr–Jun;28(2):29–32 (Eng. Abstr.) **(Rus)**

[Psychological diagnosis in expert testimony] Meerzon MM. **Zh Nevropatol Psikhiatr** 1985;85(3):458–9 **(Rus)**

EXPIRATORY FORCED FLOW RATES see **FORCED EXPIRATORY FLOW RATES**

EXPIRATORY RESERVE VOLUME see under **LUNG VOLUME MEASUREMENTS**

EXPLORATORY BEHAVIOR

Deviations on exploration, attachment, and fear of strangers in high-risk and control infants at one year of age. Näslund B, et al. **Am J Orthopsychiatry** 1984 Oct;54(4):569–77

Age differences in within-session habituation of exploratory behavior: effects of stimulus complexity. Brennan MJ, et al. **Behav Neural Biol** 1984 Sep;42(1):61–72

The organization of exploratory behavior in Down syndrome and nondelayed infants. MacTurk RH, et al. **Child Dev** 1985 Jun;56(3):573–81

Preterm infants' manipulative exploration of objects. Ruff HA, et al. **Child Dev** 1984 Aug;55(4):1166–73

Effect of pyridoxine deficiency on the exploratory behavior of rats. Krishna AP, et al. **Int J Psychophysiol** 1984 Aug; 2(1):39–43

President's plenary address. On curiosity: a developmental approach. Beiser HR. **J Am Acad Child Psychiatry** 1984 Sep;23(5):517–26

Curiosity and demographic factors as determinants of children's probability-learning strategies. Kreitler S, et al. **J Genet Psychol** 1984 Sep;145(1ST Half):61–75

The effect of the intestinal phase of Trichinella spiralis on the open-field behavior of mice. Zohar AS, et al. **J Parasitol** 1984 Dec;70(6):927–30

Sensation seeking, augmenting-reducing, and the perceived and preferred effects of drugs. Kohn PM, et al. **J Pers Soc Psychol** 1985 Jan;48(1):99–106

The effect of presenting novel and familiar word pairs on the stimulus-seeking behavior of schizophrenics and normals. Harrison RH, et al. **J Psychol** 1984 Nov;118(2ND Half):179–88

Solitary and social behavior of male rats in the open-field. Beck CH, et al. **Physiol Behav** 1984 Jun;32(6):941–4

Toxoplasma infection and response to novelty in mice. Hay J, et al. **Z Parasitenkd** 1984;70(5):575–88

DRUG EFFECTS

Long-term effects of two antidepressants on copulatory and exploratory behaviour in the female rat. Smith LA, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Sep;55(3):188–93

Pre-natal and post-natal effects of alcohol in the rat--1. Changes in body weight and exploratory activity. Moloney B, et al. **Alcohol Alcohol** 1984;19(2):131–6

Neuropharmacological evidence to suggest that the nucleus accumbens and subpallidal region contribute to exploratory locomotion. Mogenson GJ, et al. **Behav Neural Biol** 1984 Sep;42(1):52–60

Bilateral midbrain transections block the behavioral effects of cholecystokinin on feeding and exploration in rats. Crawley JN, et al. **Brain Res** 1984 Nov 26;322(2):316–21

The effects of centrally acting adrenergic agonists on temperature and on explorative and motor behaviour. Relation with effects on quasi-morphine withdrawal behaviour. Van der Laan JW, et al. **Eur J Pharmacol** 1985 Jan 8;107(3):367–73

Sulpiride blocks postsynaptic dopamine receptors in the nucleus accumbens. Morgenstern R, et al. **J Neural Transm** 1985;61(3–4):151–60

GABAergic influence on the effects of elymoclavine on exploratory behaviour of rats in open field. Georgiev V, et al. **Methods Find Exp Clin Pharmacol** 1984 Aug; 6(8):423–7

Correlations between the effects of CNS stimulants on memory processes and open field behavior of rats: the importance of brain cholinergic activity. Yonkov DI. **Methods Find Exp Clin Pharmacol** 1985 Mar;7(3):113-8

Effects of alpha-adrenoceptor agonists and antagonists in a maze-exploration model of 'fear'-motivated behaviour. Handley SL, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Aug;327(1):1-5

The effects of prenatal methylazoxymethanol acetate (MAM) on holeboard exploration and shuttle avoidance performance in rats. Plonsky M, et al. **Neurobehav Toxicol Teratol** 1985 May-Jun;7(3):221-6

Comparative effects of infusions of 6-hydroxydopamine into nucleus accumbens and anterolateral hypothalamus induced by 6-hydroxydopamine on the response to dopamine agonists, body weight, locomotor activity and measures of exploration in the rat. Winn P, et al. **Neuropharmacology** 1985 Jan;24(1):25-31

Exploratory behavior models of anxiety in mice. Crawley JN. **Neurosci Biobehav Rev** 1985 Spring;9(1):37-44 (43 ref.)

What can be learned from the effects of benzodiazepines on exploratory behavior? File SE. **Neurosci Biobehav Rev** 1985 Spring;9(1):45-54 (125 ref.)

Increased investigative activity after presynaptic dopaminergic stimulation measured by a fixed-interval recording procedure. Höglund AU, et al. **Pharmacol Biochem Behav** 1985 Mar;22(3):403-6

Facilitatory effects of monoamine synthesis inhibitors on lysine-vasopressin induced changes in the exploratory behaviour pattern of male rats. Höglund AU, et al. **Pharmacol Biochem Behav** 1984 Dec;21(6):859-63

Effects of tunnel maze complexity on caffeinic hyperactivity in the rat. Oettinger R, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):85-90

Habituation of exploratory activity in mice: effects of combinations of piracetam and choline on memory processes. Platel A, et al. **Pharmacol Biochem Behav** 1984 Aug;21(2):209-12

Development of mouse activity, stimulus reactivity, habituation, and response to amphetamine and scopolamine. Alleva E, et al. **Physiol Behav** 1985 Apr;34(4):519-23

Further evidence that histamine in hippocampus affects the exploratory behavior in the rat. Alvarez EO, et al. **Physiol Behav** 1985 May;34(5):661-4

Scopolamine impairs the response-to-change following observation of the environment but not after its exploration by the rat. Lukaszewska I, et al. **Physiol Behav** 1985 Apr;34(4):625-9

Effects of DOM and DMT in a proposed animal model of hallucinogenic activity. Adams LM, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985;9(2):121-32

Effects of caffeine and nicotine on open-field exploration. Loke WH, et al. **Psychol Rep** 1984 Oct;55(2):447-51

Behavioral analysis of the effect of neurotensin injected into the ventral mesencephalon on investigatory and spontaneous motor behavior in the rat. Cador M, et al. **Psychopharmacology (Berlin)** 1985;85(2):187-96

Behavioral analysis of the effect of substance P injected into the ventral mesencephalon on investigatory and spontaneous motor behavior in the rat. Kelley AE, et al. **Psychopharmacology (Berlin)** 1985;85(1):37-46

Acute effects of naloxone and naltrexone, but lack of delayed effects, on exploratory behavior in the rat. Koek W, et al. **Psychopharmacology (Berlin)** 1984;84(3):383-7

Dopamine-sensitive alternation and collateral behaviour in a Y-maze: effects of d-amphetamine and haloperidol. Oades R, et al. **Psychopharmacology (Berlin)** 1985;85(1):123-8

The effects of compounds related to gamma-aminobutyrate and benzodiazepine receptors on behavioural responses to anxiogenic stimuli in the rat: choice behaviour in the T-maze. Quintero S, et al. **Psychopharmacology (Berlin)** 1985;86(3):328-33

[Effect of stable strontium on spontaneous and drug-induced motor activity in the rat] Escanero JF, et al. **Arch Farmacol Toxicol** 1985 Apr;11(1):33-9 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Exploratory behavior of two species of murid rodents, Acomys cahirinus and Mus musculus: a comparative study. Birke LI, et al. **Behav Neural Biol** 1985 Mar;43(2):143-61

Response of the rat brain beta-endorphin system to novelty: importance of the fornix connection. Netto CA, et al. **Behav Neural Biol** 1985 Jan;43(1):37-46

Real and laboratory gambling, sensation-seeking and arousal. Anderson G, et al. **Br J Psychol** 1984 Aug;75 (Pt 3):401-10

Neocortical asymmetry and open-field behavior in the rat. Sherman GF, et al. **Exp Neurol** 1984 Dec;86(3):473-82

A genetically controlled hippocampal transmitter system regulating exploratory behavior in mice. van Abeelen JH, et al. **J Neurogenet** 1984 Apr;1(2):153-8

Stress produces opioid-like effects on investigatory behavior. Arnsten AF, et al. **Pharmacol Biochem Behav** 1985 May;22(5):803-9

Effects of fornix transection on spontaneous and trained non-matching by monkeys. Gaffan D, et al. **Q J Exp Psychol [B]** 1984 Nov;36(4):285-303

Strain differences in open field activity after learning in mice. Kvist B. **Scand J Psychol** 1984;25(4):370-80

[Neurochemical mechanisms of the involvement of sensorimotor cortex neurons in food and orienting-exploratory behavior] Sudakov SK, et al. **Fiziol Zh SSSR** 1984 Sep;70(9):1311-5 (Eng. Abstr.) **(Rus)**

EXPLOSIONS

see related

BLAST INJURIES

Blast injury to sensory hairs: a study in the guinea pig using scanning electron microscopy. Yokoi H, et al. **Arch Otorhinolaryngol** 1984;240(3):263-70

Gas explosion during diathermy colotomy. Shinagawa N, et al. **Br J Surg** 1985 Apr;72(4):306

Fireworks. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1152

Collection of trace evidence from bombing victims at autopsy. Laposata EA. **J Forensic Sci** 1985 Jul;30(3):789-97

Current electrosurgical practice: hazards. Pearce J. **J Med Eng Technol** 1985 May-Jun;9(3):107-11

The clinical consequences of an industrial aerosol plant explosion. Hull D, et al. **J Trauma** 1985 Apr;25(4):303-8

[Intravesical explosion during endoscopic resection. Apropos of a case] Viville C, et al. **J Urol (Paris)** 1984;90(5):361-3 (Eng. Abstr.) **(Fre)**

[Dirt tattooing following an explosion in a chemistry class] Fuchs T, et al. **Derm Beruf Umwelt** 1984;32(4):138-40 (Eng. Abstr.) **(Ger)**

EXTENDED CARE FACILITIES see **SKILLED NURSING FACILITIES**

EXTINCTION (PSYCHOLOGY)

Extinction, reinstatement and spontaneous recovery of conditioned suppression in rats and the stability of conditioned inhibitor performance. Wesierska M, et al. **Acta Neurobiol Exp (Warsz)** 1985;45(1-2):1-24

Fornix-fimbria section and the partial reinforcement extinction effect. Feldon J, et al. **Exp Brain Res** 1985;58(3):435-9

Resistance to extinction after schedules of partial delay or partial reinforcement in rats with hippocampal lesions. Rawlins JN, et al. **Exp Brain Res** 1985;59(2):273-81

The effects of a sensory extinction procedure on stereotypic sounds of two autistic children. Aiken JM, et al. **J Autism Dev Disord** 1984 Sep;14(3):291-9

Measurement and extinction of conditioned withdrawal-like responses in opiate-dependent patients. Childress AR, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:212-9

Orienting response extinction in nocturnal enuresis. Rogozea R, et al. **Neurol Psychiatr (Bucur)** 1984 Jul-Sep;22(3):167-83

Retention of orienting response extinction in nocturnal enuresis. Rogozea R, et al. **Neurol Psychiatr (Bucur)** 1984 Oct-Dec;22(4):269-85

DRUG EFFECTS

The effects of ethanol and naloxone on extinction of jump-up avoidance performance in rats. Galizio M, et al. **Alcohol** 1984 May-Jun;1(3):197-200

Extinction-induced spatial dispersion in the radial arm maze: arrest by ethanol. Devenport LD. **Behav Neurosci** 1984 Dec;98(6):979-85

Effects of acute trimethyltin exposure on appetitive acquisition and extinction performance in the adult rat. Nation JR, et al. **Behav Neurosci** 1984 Oct;98(5):919-24

Acquisition and extinction of L-maze and conditioned avoidance behaviours following kainic acid-induced lesions of the ventromedial thalamic nuclei in rats. Zis VP, et al. **Brain Res Bull** 1984 Jun;12(6):617-23

Conditioned place preference with morphine: the effect of extinction training on the reinforcing CR. Bardo MT, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):545-9

The effects of quipazine and fluoxetine on extinction of a previously-reinforced operant response in rats. Beninger RJ. **Pharmacol Biochem Behav** 1984 Oct;21(4):533-7

Performance and extinction of lever press behavior following chronic administration of desipramine to rats. Lucki I, et al. **Psychopharmacology (Berlin)** 1985;85(3):253-9

The abolition of the partial reinforcement extinction effect (PREE) by amphetamine. Weiner I, et al. **Psychopharmacology (Berlin)** 1985;86(3):318-23

Effects of anxiolytic drugs on the partial reinforcement extinction effect in runway and Skinner box. McNaughton N. **Q J Exp Psychol [B]** 1984 Nov;36(4):319-30

[Effect of vasopressin analogs on the resistance to extinction of a temporary association] Kruglikov RI, et al. **Izv Akad Nauk SSSR [Biol]** 1985 Jan-Feb;(1):145-8 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Extinction of associative learning in Hermissenda: behavior and neural correlates. Richards WG, et al. **Behav Brain Res** 1984 Dec;14(3):161-70

Manipulation of the amygdala noradrenergic system impairs extinction of passive avoidance. Ellis ME. **Brain Res** 1984 Dec 17;324(1):129-33

Auditory extinction following hemisphere damage. De Renzi E, et al. **Neuropsychologia** 1984;22(6):733-44

Ipsilateral auditory extinction following frontal and basal ganglia lesions of the left hemisphere. Ogden JA. **Neuropsychologia** 1985;23(2):143-59

Haloperidol and nonreinforcement produce different patterns of response slowing in a food reinforced runway task. Wirtshafter D, et al. **Pharmacol Biochem Behav** 1985 May;22(5):661-3

[Effect of experimental conditions on the acquisition and retention of conditioned taste aversion in white rats] Kamil' VG, et al. **Dokl Akad Nauk SSSR** 1984;277(3):746-8 **(Rus)**

[Importance of traces of a preceding unreinforced stimulus to the formation of inhibitory conditioned reflexes in the rat] Belenkov NIu, et al. **Zh Vyssh Nerv Deiat** 1985 Jan-Feb;35(1):110-6 (Eng. Abstr.) **(Rus)**

[Probability analysis of elements of rat behavior after sudden and signalled interruption of food reinforcement] Belenkov NIu, et al. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):473-9 (Eng. Abstr.) **(Rus)**

[Participation of the amygdaloid complex in modulating electrocutaneous responses during extinction of the orientation reaction in the cat] Gilinskiĭ MA. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):578-80 **(Rus)**

[Interaction between neurons of the visual and sensomotor areas of the neocortex during elaboration and extinction of a conditioned defense reflex] Pavlova IV, et al. **Zh Vyssh Nerv Deiat** 1984 Jul-Aug;34(4):710-8 (Eng. Abstr.) **(Rus)**

EXTRACELLULAR FLUID see **EXTRACELLULAR SPACE**

EXTRACELLULAR MATRIX

Differential effects of extracellular matrix on secretion of prolactin and growth hormone by rat pituitary tumour cells in vitro. Prysor-Jones RA, et al. **Acta Endocrinol (Copenh)** 1985 Feb;108(2):156-60

Adult rat oligodendrocytes grown in vitro upon an extracellular matrix have the ability to proliferate. Ovadia H, et al. **Brain Res** 1984 Nov 19;322(1):93-100

Reconstruction of a thyroid gland equivalent from cells and matrix materials. Bell E, et al. **J Exp Zool** 1984 Nov;232(2):277-85

Fibronectin, as well as other extracellular matrix proteins, mediate human keratinocyte adherence. Clark RA, et al. **J Invest Dermatol** 1985 May;84(5):378-83

ANALYSIS

Extracellular matrix in normal and fibrotic human lungs. Raghu G, et al. **Am Rev Respir Dis** 1985 Feb;131(2):281-9

Isolation and partial characterization of a novel basement membrane collagen. Dixit R, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):1-8

Extracellular matrix proteins involved in bone induction are vitamin D dependent. Sampath TK, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):829-35

Random distribution of mammalian replication origins in matrix and total nuclear DNA. Todorova M, et al. **Biochim Biophys Acta** 1984 Oct 5;783(1):36-41

The purification and chemical characterisation of the alginate present in extracellular material produced by mucoid strains of Pseudomonas aeruginosa. Sherbrock-Cox V, et al. **Carbohydr Res** 1984 Dec 15;135(1):147-54

Response of cultured rat liver epithelial cell lines to tumour-promoting phorbol esters. Ljubimov AV, et al. **Exp Cell Res** 1985 Feb;156(2):311-26

Extracellular matrix components influence the survival of adult cardiac myocytes in vitro. Lundgren E, et al. **Exp Cell Res** 1985 Jun;158(2):371-81

Immunofluorescence studies on cartilage matrix synthesis. The synthesis of link protein, chondroitin sulfate proteoglycan monomer and type II collagen. Vertel BM, et al. **Exp Cell Res** 1985 Jun;158(2):423-32

The extracellular matrix of the dental pulp and dentin. Linde A. **J Dent Res** 1985 Apr;64 Spec No:523-9

CYTOLOGY

Differentiation of extracellular matrix in the cellular cartilage ('Zellknorpel') of the mouse pinna. Mallinger R, et al. **Anat Embryol (Berl)** 1985;172(1):69-74

DRUG EFFECTS

Alteration of the extracellular matrix of smooth muscle cells by ascorbate treatment. Barone LM, et al. **Biochim Biophys Acta** 1985 Jun 18;840(2):245-54

ENZYMOLOGY

Purification and partial characterization of alkaline phosphatase of matrix vesicles from fetal bovine epiphyseal cartilage. Purification by monoclonal antibody affinity chromatography. Hsu HH, et al. **J Biol Chem** 1985 Feb 10;260(3):1826-31

Anchorage of collagen-tailed acetylcholinesterase to the extracellular matrix is mediated by heparan sulfate proteoglycans. Brandan E, et al. **J Cell Biol** 1985 Sep;101(3):985-92

Oxidant injury of the extracellular matrix: potential role in the pathogenesis of pulmonary emphysema. Riley DJ, et al. **Lung** 1985;163(1):1-13 (93 ref.)

IMMUNOLOGY

Autoantibodies to epithelial cells (intercellular substance) and their correlation with clinical activity of pemphigus vulgaris. Golan D, et al. **Dermatologica** 1984;169(6):339–41

Binding of antibodies in liposomes to extracellular matrix antigens. Torchilin VP, et al. **J Cell Biochem** 1985; 28(1):23–9

Immunolocalization of monoclonal antibody-defined extracellular matrix antigens in human brain tumors. McComb RD, et al. **J Neurooncol** 1985;3(2):181–6

Mr 205,000 sulfoglycoprotein in extracellular matrix of mouse fibroblast cells is immunologically related to high molecular weight microtubule-associated proteins. Briones E, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5776–80

METABOLISM

Immunohistochemical localisation of macromolecules of the basement membrane and extracellular matrix of human gliomas and meningiomas. Bellon G, et al. **Acta Neuropathol (Berl)** 1985;66(3):245–52

Extracellular matrix proteins (fibronectin, laminin, and type IV collagen) bind and aggregate bacteria. Vercellotti GM, et al. **Am J Pathol** 1985 Jul;120(1):13–21

Alveolar macrophage modulation of proteolysis by neutrophil elastase in extracellular matrix. McGowan SE, et al. **Am Rev Respir Dis** 1984 Nov;130(5):734–9

Extracellular matrix in hepatic granulomas of mice infected with Schistosoma mansoni. Qualitative and quantitative analysis. Nishimura M, et al. **Arch Pathol Lab Med** 1985 Sep;109(9):813–8

Extracellular matrix (ECM) synthesis in muscle cell cultures: quantitative and qualitative studies during myogenesis. Rao JS, et al. **Biochem Biophys Res Commun** 1985 Jul 16; 130(1):440–6

Assembly of fibronectin-containing extracellular matrix: a glimpse of the machinery. Mosher DF, et al. **Biopolymers** 1985 Jan;24(1):199–210 (73 ref.)

Delayed aggregation of proteoglycans in adult human articular cartilage. Bayliss MT, et al. **Biosci Rep** 1984 Oct; 4(10):827–33

The deposition of calcium pyrophosphate and phosphate by matrix vesicles isolated from fetal bovine epiphyseal cartilage. Hsu HH, et al. **Calcif Tissue Int** 1984 Sep; 36(5):615–21

Human interleukin 1 mediates cartilage matrix degradation. Krakauer T, et al. **Cell Immunol** 1985 Mar;91(1):92–9

Extracellular glycosaminoglycans (GAG) released by chick embryonic fibroblasts. A possible involvement of surface receptors. Evangelisti R, et al. **Cell Tissue Res** 1984; 238(2):241–5

Binding of hormonal steroids to isolated oligodendroglia and astroglia grown in vitro on a naturally produced extracellular matrix. Ovadia H, et al. **Clin Neuropharmacol** 1984;7(4):307–11

Collagen biosynthesis by cells in a tissue equivalent matrix in vitro. Nusgens B, et al. **Coll Relat Res** 1984 Oct; 4(5):351–63

The retention and ultrastructural appearances of various extracellular matrix molecules incorporated into three-dimensional hydrated collagen lattices. Turley EA, et al. **Dev Biol** 1985 Jun;109(2):347–69 (84 ref.)

Inhibition of fibronectin binding to matrix components by nonenzymatic glycosylation. Cohen MP, et al. **Diabetes** 1984 Oct;33(10):970–4

Binding and degradation of proteoglycans by cultured arterial smooth muscle cells. II. Binding sites of proteoglycans on the cell surface. Völker W, et al. **Eur J Cell Biol** 1985 Jan;36(1):58–65

Collagenous substrata regulate the nature and distribution of glycosaminoglycans produced by differentiated cultures of mouse mammary epithelial cells. Parry G, et al. **Exp Cell Res** 1985 Feb;156(2):487–99

Schistosoma mansoni: degradation of host extracellular matrix by eggs and miracidia. Pino-Heiss S, et al. **Exp Parasitol** 1985 Apr;59(2):217–21

Studies of extracellular fibronectin matrix formation with fluoresceinated fibronectin and fibronectin fragments. Chernousov MA, et al. **FEBS Lett** 1985 Apr 22; 183(2):365–9

Close and focal contact adhesions of fibroblasts to a fibronectin-containing matrix. Lark MW, et al. **Fed Proc** 1985 Feb;44(2):394–403 (41 ref.)

Sequential degradation of heparan sulfate in the subendothelial extracellular matrix by highly metastatic lymphoma cells. Bar-Ner M, et al. **Int J Cancer** 1985 Apr 15;35(4):483–91

Alteration of the extracellular matrix of cultured human keratinocytes by transformation and during differentiation. Brown KW, et al. **Int J Cancer** 1985 Jun 15;35(6):799–807

Stimulation by glucocorticoid of the synthesis of cartilage-matrix proteoglycans produced by rabbit costal chondrocytes in vitro. Kato Y, et al. **J Biol Chem** 1985 Feb 25;260(4):2364–73

Deposition of type X collagen in the cartilage extracellular matrix. Cancedda R, et al. **J Cell Biochem** 1985;28(1):7–14

Degradation of extracellular matrix by the trophoblastic cells of first-trimester human placentas. Fisher SJ, et al. **J Cell Biochem** 1985;27(1):31–41

Basal lamina directs acetylcholinesterase accumulation at synaptic sites in regenerating muscle. Anglister L, et al. **J Cell Biol** 1985 Sep;101(3):735–43

Sulfated proteoglycan synthesis by confluent cultures of rabbit costal chondrocytes grown in the presence of fibroblast growth factor. Kato Y, et al. **J Cell Biol** 1985 Feb;100(2):477–85

Interaction of the 70,000-mol-wt amino-terminal fragment of fibronectin with the matrix-assembly receptor of fibroblasts. McKeown-Longo PJ, et al. **J Cell Biol** 1985 Feb;100(2):364–74

Platelet-derived growth factor and heparin-like glycosaminoglycans regulate thrombospondin synthesis and deposition in the matrix by smooth muscle cells. Majack RA, et al. **J Cell Biol** 1985 Sep;101(3):1059–70

Leukocyte interleukins induce cultured endothelial cells to produce a highly organized, glycosaminoglycan-rich pericellular matrix. Montesano R, et al. **J Cell Biol** 1984 Nov;99(5):1706–15

Cooperativity between Sertoli cells and testicular peritubular cells in the production and deposition of extracellular matrix components. Skinner MK, et al. **J Cell Biol** 1985 Jun;100(6):1941–7

Translatable mRNA for GP140 (a subunit of type VI collagen) is absent in SV40 transformed fibroblasts. Trüeb B, et al. **J Cell Biol** 1985 Feb;100(2):638–41

Relationship of heparan sulfate proteoglycans to the cytoskeleton and extracellular matrix of cultured fibroblasts. Woods A, et al. **J Cell Biol** 1984 Nov; 99(5):1743–53

Synthesis of extracellular matrix glycoproteins by cultured microvascular endothelial cells isolated from the dermis of neonatal and adult skin. Kramer RH, et al. **J Cell Physiol** 1985 Apr;123(1):1–9

Degradation of sulfated proteoglycans in the subendothelial extracellular matrix by human platelet heparitinase. Yahalom J, et al. **J Clin Invest** 1984 Nov;74(5):1842–9

Inhibition of collagen deposition in the extracellular matrix prevents the establishment of a stroma supportive of hematopoiesis in long-term murine bone marrow cultures. Zuckerman KS, et al. **J Clin Invest** 1985 Mar;75(3):970–5

Immunofluorescent localization of extracellular matrix components during muscle morphogenesis. II. In chick embryos with hereditary muscular dysgenesis (cn/cn). Mauger A, et al. **J Exp Zool** 1984 Nov;232(2):343–58

Interaction of DNA with connective tissue matrix proteins reveals preferential binding to type V collagen. Gay S, et al. **J Immunol** 1985 Aug;135(2):1097–100

Pore and fiber-matrix models for diffusive transport in normal and neoplastic tissues. Nugent LJ, et al. **Microvasc Res** 1984 Sep;28(2):270–4

myc and src oncogenes have complementary effects on cell proliferation and expression of specific extracellular matrix components in definitive chondroblasts. Alema S, et al. **Mol Cell Biol** 1985 Mar;5(3):538–44

Presynaptic neurones may contribute a unique glycoprotein to the extracellular matrix at the synapse. Caroni P, et al. **Nature** 1985 Apr 4–10;314(6010):441–3

Interactions between acidic proteins and crystals: stereochemical requirements in biomineralization. Addadi L, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4110–4

De novo cellular synthesis of sulfated proteoglycans of the developing renal glomerulus in vivo. Kanwar YS, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7108–11

Incorporation of cellular and plasma fibronectins into smooth muscle cell extracellular matrix in vitro. Millis AJ, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2746–50

A 125/115-kDa cell surface receptor specific for vitronectin interacts with the arginine-glycine-aspartic acid adhesion sequence derived from fibronectin. Pytela R, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5766–70

The extracellular matrix in development and in disease. Martin GR, et al. **Semin Liver Dis** 1985 May;5(2):147–56 (90 ref.)

The synthesis of subendothelial matrix by bovine aortic endothelial cells in culture. Schor AM, et al. **Tissue Cell** 1984;16(5):677–91

Origin of laminin in the extracellular matrix of human tumor xenografts in nude mice. Damjanov I, et al. **Virchows Arch [Cell Pathol]** 1985;49(1):45–52

PATHOLOGY

Extracellular matrix and epithelial differentiation of Wilms' tumor. Sariola H, et al. **Am J Pathol** 1985 Jan;118(1):96–107

Tumor-associated desmoplasia in the rabbit mesentery characterized by morphological, biochemical and cytophotometric methods. Haemmerli G, et al. **Int J Cancer** 1985 Apr 15;35(4):527–34

The interaction of melanoma cells with fibroblasts and endothelial cells in three-dimensional macromolecular matrices: a model for tumour cell invasion. Schor SL, et al. **Int J Cancer** 1985 Jul 15;36(1):93–102

PHYSIOLOGY

Mechanisms of cytoskeletal regulation. Modulation of aortic endothelial cell spectrin by the extracellular matrix. Pratt BM, et al. **Am J Pathol** 1984 Dec;117(3):349–54

Adhesion of cardiac myocytes to extracellular matrix components. Lundgren E, et al. **Basic Res Cardiol** 1985;80 Suppl 1:69–74

Extracellular matrix components involved in neuromuscular transmission and regeneration. Anglister L, et al. **Ciba Found Symp** 1984;108:163–78

The regulation of basement membrane formation and cell-matrix interactions by defined supramolecular complexes. Martin GR, et al. **Ciba Found Symp** 1984; 108:197–212 (3 ref.)

Interactions of mammalian cells with collagen. Rubin K, et al. **Ciba Found Symp** 1984;108:93–116

Stimulation of initial neural crest cell migration in the axolotl embryo by tissue grafts and extracellular matrix transplanted on microcarriers. Löfberg J, et al. **Dev Biol** 1985 Feb;107(2):442–59

Fibronectin visualized by scanning electron microscopy immunocytochemistry on the substratum for cell migration in Xenopus laevis gastrulae. Nakatsuji N, et al. **Dev Biol** 1985 Jan;107(1):264–8

Extracellular matrix production by mouse 3T3-F442A cells during adipose differentiation in culture. Kuri-Harcuch W, et al. **Differentiation** 1984;28(2):173–8

Basement membrane formation and lung cell differentiation in vitro. Zimmermann B, et al. **Eur J Cell Biol** 1985 Jan; 36(1):66–73

Differential structural requirements for the induction of cell attachment, proliferation and differentiation by the extracellular matrix. Fridman R, et al. **Exp Cell Res** 1985 Mar;157(1):181–94

Morphological and functional effects of extracellular matrix on pancreatic islet cell cultures. Thivolet CH, et al. **Exp Cell Res** 1985 Aug;159(2):313–22

Microinjection in the chick blastoderm. An improved method to study the extracellular matrix in the living organism. Van Hoof J, et al. **Exp Cell Res** 1984 Nov;155(1):278–82

The influence of extracellular matrix on reversible gap junction formation in vitro. Weber C, et al. **Exp Cell Res** 1984 Nov;155(1):153–62

Extracellular matrix (ECM) modulates the EGF-induced migration of liver epithelial cells in serum-free, hormone-supplemented medium. Bade EG, et al. **In Vitro Cell Dev Biol** 1985 Apr;21(4):245–8

Effects of fibroblastic and endothelial extracellular matrices on corneal endothelial cells. Hsieh P, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):457–63

Cutaneous wound healing: a model for cell-matrix interactions. Woodley DT, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 2):420–33

Matrix influence on the tumor cell stimulation of fibroblast collagenase production. Biswas C. **J Cell Biochem** 1985; 28(1):39–45

Effect of exogenous extracellular matrices on proteoglycan synthesis by cultured rabbit costal chondrocytes. Kato Y, et al. **J Cell Biol** 1985 Feb;100(2):486–95

Purification of a factor that promotes neurite outgrowth: isolation of laminin and associated molecules. Lander AD, et al. **J Cell Biol** 1985 Sep;101(3):898–913

The effect of the extracellular matrix on the detachment of human endothelial cells. Gordon PB, et al. **J Cell Physiol** 1984 Dec;121(3):467–75

Inhibition of cell spreading on the band of extracellular fibres in early chick and quail embryos. Andries L, et al. **J Cell Sci** 1985 Mar;74:37–50

Extracellular matrix modulation of endothelial cell shape and motility following injury in vitro. Young WC, et al. **J Cell Sci** 1985 Feb;73:19–32

Extracellular matrix promotes the growth and differentiation of murine hematopoietic cells in vitro. Campbell A, et al. **J Clin Invest** 1985 Jun;75(6):2085–90

Composition and function of the extracellular matrix in the stroma of long-term bone marrow cell cultures. Zuckerman KS. **KROC Found Ser** 1984;18:157–70 (47 ref.)

Glycosaminoglycans: mortar, matrix, mentor. Trelstad RL. **Lab Invest** 1985 Jul;53(1):1–4

Further characterization of substratum influence on PC12 cell shape and dopamine processing. Bethea CL, et al. **Mol Cell Endocrinol** 1985 Aug;42(1):59–72

Interaction of mouse mammary epithelial cells with collagen substrata: regulation of casein gene expression and secretion. Lee EY, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1419–23

Stabilization of tissue architecture: involvement of the extracellular matrix. Armstrong PB. **Prog Clin Biol Res** 1985;171:87–107 (56 ref.)

Role of extracellular matrix in the development of skin and cutaneous appendages. Sengel P. **Prog Clin Biol Res** 1985; 171:123–35

Platelet-tumor cell interaction with the subendothelial extracellular matrix: relationship to cancer metastasis. Yahalom J, et al. **Radiother Oncol** 1985 Apr;3(3):211–25

Mineralization by matrix vesicles. Anderson HC. **Scan Electron Microsc** 1984;(Pt 2):953–64 (118 ref.)

Matrix-driven translocation of cells and nonliving particles. Newman SA, et al. **Science** 1985 May 17;228(4701):885–9

[Forum on the immunohistochemistry of the extracellular matrix. 3d pathology symposium, Anatomical Society of Paris (Paris, 30 November–3 December 1983)] **Arch Anat Cytol Pathol** 1984;32(3):153–69 (Fre)

[The extracellular matrix of the vascular wall and its role in atherogenesis] Robert L. **Pathol Biol (Paris)** 1985 Apr; 33(4):243–4 (Fre)

ULTRASTRUCTURE

Ventricular collagen matrix and alterations. Caulfield JB, et al. **Adv Myocardiol** 1985;5:257–69

Extracellular structures in heart muscle. Robinson TF, et al. **Adv Myocardiol** 1985;5:243–55

The distribution and spatial organization of the extracellular matrix encountered by mesencephalic neural crest cells. Brauer PR, et al. **Anat Rec** 1985 Jan;211(1):57–68

Extracellular matrix in testicular differentiation. Pelliniemi LJ, et al. **Ann NY Acad Sci** 1984;438:405–16

A case of malignant mesothelioma containing fibrous long-spacing fibers in the sarcomatous stroma. Katsuda S, et al. **Appl Pathol** 1984;2(1):1–9

Ultrastructural characterization of extracellular matrix vesicles in the mineralizing fronts of apical cementum in cats. Hayashi Y. **Arch Oral Biol** 1985;30(5):445–9

Megakaryocyte interaction with subendothelial extracellular matrix is associated with adhesion, platelet-like shape change, and thromboxane A2 production. Levine RF, et al. **Blood** 1985 Sep;66(3):570–6

A simple method of preparing extracellular matrix substrata for cell culture. Lombardi T, et al. **Cell Biol Int Rep** 1984 Aug;8(8):635

Ultrastructural evidence for contacts between migrating L5222 rat leukemia cells and extracellular matrix components of the rat mesentery. Müller-Glauser W, et al. **Cell Biol Int Rep** 1985 May;9(5):447–61

Transfer of extracellular matrix components between germ layers in chimaeric chicken-quail blastoderms. Harrisson F, et al. **Cell Tissue Res** 1985;239(3):643–9

Laminin, proteoglycan, nidogen and collagen IV: structural models and molecular interactions. Timpl R, et al. **Ciba Found Symp** 1984;108:25–43 (27 ref.)

The role of extracellular matrices in palatal shelf closure. Brinkley LL, et al. **Curr Top Dev Biol** 1984;19:17–36 (38 ref.)

Ultrastructural localization and characterization of proteoglycans in human lung alveoli. van Kuppevelt TH, et al. **Eur J Cell Biol** 1985 Jan;36(1):74–80

Spatial interrelationships between proteoglycans and extracellular matrix proteins in cell cultures. Avnur Z, et al. **Exp Cell Res** 1985 Jun;158(2):321–32

Cell interaction with the extracellular matrices produced by endothelial cells and fibroblasts. Fridman R, et al. **Exp Cell Res** 1985 Jun;158(2):461–76

Extracellular compartments in matrix morphogenesis: collagen fibril, bundle, and lamellar formation by corneal fibroblasts. Birk DE, et al. **J Cell Biol** 1984 Dec;99(6):2024–33

Synthesis of cartilage matrix by mammalian chondrocytes in vitro. III. Effects of ascorbate. Daniel JC, et al. **J Cell Biol** 1984 Dec;99(6):1960–9

Extracellular matrix of the human thymus: immunofluorescence studies on frozen sections and cultured epithelial cells. Berrih S, et al. **J Histochem Cytochem** 1985 Jul;33(7):655–64

Extracellular matrix microfibrils are composed of core proteins coated with fibronectin. Schwartz E, et al. **J Histochem Cytochem** 1985 Apr;33(4):268–74

The hepatic extracellular matrix. II. Electron immunohistochemical studies in rats with CCl4-induced cirrhosis. Martinez-Hernandez A. **Lab Invest** 1985 Aug;53(2):166–86 (65 ref.)

Effect of extracellular matrix on PC 12 cell shape and dopamine processing. Bethea CL, et al. **Mol Cell Endocrinol** 1984 Oct;37(3):319–29

Demonstration of microfibrils in Bruch's membrane of the eye. Essner E, et al. **Tissue Cell** 1984;16(5):779–88

[Molecular and cellular aspects of differentiation and the programming role of extracellular matrices] Khopërskaia OA. **Dokl Akad Nauk SSSR** 1983;272(2):481–5 **(Rus)**

EXTRACELLULAR SPACE

Extracellular fluid volume and distribution in relation to changes in plasma colloid osmotic pressure after major surgery. A randomized study. Nielsen OM, et al. **Acta Chir Scand** 1985;151(3):221–5

Intercellular spaces in the lymph nodule associated epithelium of the rabbit Peyer's patch and appendix. Ogawa K, et al. **Arch Histol Jpn** 1985 Feb;48(1):53–67

James Ewing lecture. The process of metastasis. Scanlon EF. **Cancer** 1985 Mar 15;55(6):1163–6

Response of plasma vasopressin to changes in extracellular volume and/or plasma osmolality in patients on maintenance hemodialysis. Fasanella d'Amore T, et al. **Clin Nephrol** 1985 Jun;23(6):299–302

Preliminary studies of plasma and extracellular fluid volume in neonatal ponies. Kami G, et al. **Equine Vet J** 1984 Jul;16(4):356–8

Sodium chloride, extracellular fluid volume, and hypertension [letter] Blaustein MP. **Hypertension** 1985 Sep-Oct;7(5):834–5

Transthoracic electrical impedance as an index of extracellular fluid volume in man. Roos JC, et al. **Intensive Care Med** 1985;11(1):39–42

Changes in total body water and extracellular fluid volume in infants receiving total parenteral nutrition. Coran AG, et al. **J Pediatr Surg** 1984 Dec;19(6):771–6

Studies on the glomerular filtration rate and extracellular fluid volume in rhesus monkeys infected with Plasmodium knowlesi. Areekul S, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep;15(3):364–70

ANALYSIS

Evaluation of a tissue cage model for use in cattle. Bengtsson B, et al. **Acta Vet Scand** 1984;25(4):480–94

Effect of maternal intravenous infusions on fetal extracellular fluid composition in pregnant ewes. Golden SM, et al. **Am J Perinatol** 1985 Jul;2(3):189–93

Solute-excluded volumes near the Novikoff cell surface. Polefka TG, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C350–6

Differentiating interstitial fluid from cerebral spinal fluid [letter] Downey L, et al. **Anesthesiology** 1985 Jul;63(1):120

The application of the extracellular base excess to children. Essin DJ. **Biochem Med** 1984 Aug;32(1):67–78

The influence of extracellular calcium on the distribution of protein kinase C in non-neoplastic and neoplastic rat liver cells. Bossi D, et al. **Cancer Lett** 1985 Apr;26(3):303–10

Effect of serial brief ischemic episodes on extracellular K+, pH, and activation in the pig. Fleet WF, et al. **Circulation** 1985 Oct;72(4):922–32

Single-unit pH-sensitive double-barreled microelectrodes for extracellular use. Javaheri S, et al. **J Appl Physiol** 1984 Sep;57(3):907–12

Ischemia-induced shift of inhibitory and excitatory amino acids from intra- to extracellular compartments. Hagberg H, et al. **J Cereb Blood Flow Metab** 1985 Sep;5(3):413–9

Difference picture algorithms for the analysis of extracellular components of histological images. Knoll TF, et al. **J Histochem Cytochem** 1985 Apr;33(4):261–7

Influence of fixative osmolality on the morphometric determination of extracellular space in normal and reperfused ischaemic myocardium. Prickaerts JP, et al. **J Microsc** 1984 Aug;135 (Pt 2):169–79

Measurement of monoamines and their metabolites in the interstitial fluid of the gut. Ruckebusch Y, et al. **J Pharmacol Methods** 1985 Apr;13(2):167–77

Interstitial fluid volume, plasma volume and colloid osmotic pressure in patients with nephrotic syndrome. Fauchald P, et al. **Scand J Clin Lab Invest** 1984 Nov;44(7):661–7

[Bedside chest x-rays and extravascular lung water determination in intensive care patients] Haller J, et al. **ROFO** 1985 Jan;142(1):68–73 (Eng. Abstr.) **(Ger)**

[Measurement of the extracellular fluid volume with 51Cr EDTA] Takaori M, et al. **Kokyu To Junkan** 1985 Mar;33(3):309–12 (Eng. Abstr.) **(Jpn)**

[Measurement of extravascular lung water by double-indicator dilution method amd its clinical assessment] Yamashita M, et al. **Nippon Geka Gakkai Zasshi** 1984 Nov;85(11):1418–25 (Eng. Abstr.) **(Jpn)**

DRUG EFFECTS

Parathyroid hormone contributes to volume expansion-induced inhibition of proximal reabsorption. Mercier O, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F100–3

Effect of sodium dialysate concentration on the extracellular fluid distribution during hemodialysis. Chanard J, et al. **Contrib Nephrol** 1984;41:371–5

Leukotriene- and histamine-induced increases in vascular permeability and interstitial transport in the skin. Bisgaard H, et al. **J Invest Dermatol** 1985 May;84(5):427–9

Extracellular potassium concentration in chronic alumina cream foci of cats. Heinemann U, et al. **J Neurophysiol** 1984 Sep;52(3):421–34

Effect of spironolactone on fluid volumes and adrenal steroids in primary aldosteronism. Ichikawa S, et al. **Jpn Circ J** 1984 Nov;48(11):1184–96

ENZYMOLOGY

Biological significance of interstitial collagenase in DMBA-induced mammary tumors of the rat. Wirl G. **Cancer Metastasis Rev** 1984;3(3):237–48

Appearance of superoxide anion radical in cerebral extracellular space during increased prostaglandin synthesis in cats. Kontos HA, et al. **Circ Res** 1985 Jul;57(1):142–51

Product of extracellular-superoxide dismutase catalysis. Marklund SL. **FEBS Lett** 1985 May 20;184(2):237–9

Extracellular superoxide dismutase in human tissues and human cell lines. Marklund SL. **J Clin Invest** 1984 Oct;74(4):1398–403

[Active enzymes and EC-SOD (extracellular superoxide dismutase)] Okazaki T, et al. **Nippon Ika Daigaku Zasshi** 1984 Dec;51(6):776 **(Jpn)**

METABOLISM

Role of extracellular proteins in the dynamics of vasogenic brain edema. Kuroiwa T, et al. **Acta Neuropathol (Berl)** 1985;66(1):3–11

Absence of a relationship between extracellular potassium accumulation and contractile failure in the ischemic or hypoxic rabbit heart. Webb SC, et al. **Adv Myocardiol** 1985;6:405–15

Diffusibility of the newer cephalosporins into human interstitial fluids. Tan JS, et al. **Am J Med** 1984 Oct 19;77(4C):33–6

Effects of unstirred Disse fluid, nonequilibrium binding, and surface-mediated dissociation on hepatic removal of albumin-bound organic anions. Forker EL, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G709–17

Pulmonary transvascular fluid and protein exchange after thrombin-induced microembolism. Differential effects of cyclooxygenase inhibitors. Johnson A, et al. **Am Rev Respir Dis** 1985 Jul;132(1):70–6

Extracellular fluid deficit following operation and its correction with Ringer's lactate. A reassessment. Roberts JP, et al. **Ann Surg** 1985 Jul;202(1):1–8

Moxalactam penetration into normal heart valve, cardiac vegetations, and myocardium in relation to protein binding and physiological distribution spaces. Fitzpatrick BC, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):228–30

Ciprofloxacin penetration into extravascular spaces in a rabbit model. Nichol KL, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):935–6

Effects of verapamil on the extracellular K+ rise during myocardial ischaemia in dogs. Lopez JF, et al. **Cardiovasc Res** 1985 Jun;19(6):363–9

Pharmacokinetics of ceftriaxone and its relation to concentrations in extravascular compartments. Comparison with cefotaxime. Regamey C. **Chemotherapy** 1985;31(2):85–94

Inulin space studies in fetal sheep. Devaskar SU, et al. **Dev Pharmacol Ther** 1985;8(1):55–60

Stimulatory effect of insulin on aortic smooth muscle cell migration induced by 12-L-hydroxy-5,8,10,14-eicosatetraenoic acid and its modulation by elevated extracellular glucose levels. Nakao J, et al. **Diabetes** 1985 Feb;34(2):185–91

The acute secretory response to alterations in extracellular calcium concentration and dopamine in perifused bovine parathyroid cells. Brown EM, et al. **Endocrinology** 1985 Mar;116(3):1123–32

Gradient effects in extravascular water determination using 15O-labelled water under steady state conditions: theory and error sensitivity. Meyer GJ, et al. **Eur J Nucl Med** 1985;10(1–2):77–80

Quantitative determination of regional extravascular lung water and regional blood volume in congestive heart failure. Schober OH, et al. **Eur J Nucl Med** 1985;10(1–2):17–24

Direct modification of plasma low-density lipoproteins in interstitial inflammatory fluid of the rabbit. Raymond TL, et al. **Inflammation** 1984 Dec;8(4):337–42

The hCG-induced increase in hormone uptake and interstitial fluid volume in the rat testis is not mediated by steroids, prostaglandins or protein synthesis. Veijola M, et al. **Int J Androl** 1985 Feb;8(1):69–79

Free extracellular [Ca2+] at photoreceptor level equals that in vitreous in frog and carp eyes. Kaila K, et al. **Invest Ophthalmol Vis Sci** 1984 Dec;25(12):1395–401

Diffusion of extracellular hydrogen peroxide into intracellular compartments of human neutrophils. Studies utilizing the inactivation of myeloperoxidase by hydrogen peroxide and azide. Ohno Y, et al. **J Biol Chem** 1985 Jul 15;260(14):8438–46

Contribution of extracellular and intracellular calcium to the enhanced effect of an alpha-adrenergic agonist on amylase release from dispersed rat parotid cells. Takemura H, et al. **J Dent Res** 1985 Jun;64(6):881–5

Neuronal interactions mediated by neurally evoked changes in the extracellular potassium concentration. Spira ME, et al. **J Exp Biol** 1984 Sep;112:179–97 (67 ref.)

Extracellular localization of cyclic GMP in the house cricket male accessory reproductive gland and its fate in mating. Murtaugh MP, et al. **J Exp Zool** 1985 Mar;233(3):413–23

Active ion transport in the renal proximal tubule. II. Ionic dependence of the Na pump. Soltoff SP, et al. **J Gen Physiol** 1984 Oct;84(4):623–42

Heterogeneity of dog interstitial fluid (peripheral lymph) high density lipoproteins: implications for a role in reverse cholesterol transport. Dory L, et al. **J Lipid Res** 1985 May;26(5):519–27

Potassium and calcium concentrations in interstitial fluid of hippocampal formation during paroxysmal responses. Somjen GG, et al. **J Neurophysiol** 1985 Apr;53(4):1098–108

Erratum: 'incorrect' corrected bromide space [letter] Rojas J, et al. **J Pediatr** 1985 Feb;106(2):347–8

Effect of extracellular water volume on the distribution kinetics of beta-lactam antibiotics as a function of age. Tsuji A, et al. **J Pharmacobiodyn** 1985 Mar;8(3):167–74

Respiratory effects of carbon dioxide-induced changes of medullary extracellular fluid pH in cats. Eldridge FL, et al. **J Physiol (Lond)** 1984 Oct;355:177–89

Analysis of three compartments of extracellular fluid in dog. Itoh T. **Jpn J Physiol** 1984;34(4):641–54

Extracellular potassium concentration; perhexiline and SKF-525A on the action of ouabain in isolated self-beating rat auricles. Canga L, et al. **Methods Find Exp Clin Pharmacol** 1984 Sep;6(9):497–502

Validation of [57Co]cyanocobalamin as an extracellular fluid marker and measurement of albumin exclusion from the interstitium in the rabbit. Kwong MS, et al. **Microvasc Res** 1985 Mar;29(2):152–60

Neutral carrier sodium ion-selective microelectrode for extracellular studies. Ammann D, et al. **Neurosci Lett** 1985 Jun 24;57(3):267–71

Electron microprobe analysis of proximal tubule cellular Na, Cl and K element concentrations during acute mannitol-saline volume expansion in rats: evidence for inhibition of the Na pump. Györy AZ, et al. **Pflugers Arch** 1985 Feb;403(2):205–9

The extrarenal effects of aldosterone on the distribution of extracellular fluid in conscious adrenalectomized-nephrectomized rats. Ishii M, et al. **Pflugers Arch** 1985 Jul;404(3):273–7

Extracellular binding of calcium in the guinea-pig placenta. Stulc J, et al. **Placenta** 1985 May-Jun;6(3):259–63

Extracellular distribution of radiolabel obscures specific binding of diethylstilbestrol in mouse skeletal muscle. Gruber B, et al. **Res Commun Chem Pathol Pharmacol** 1985 Mar;47(3):445–8

The roles of medullary extracellular and cerebrospinal fluid pH in control of respiration. Kiley JP, et al. **Respir Physiol** 1985 Feb;59(2):117–30

Extracellular volume, renal clearance and whole body permeability–surface area product in man, measured after single injection of polyfructosan. Nielsen OM. **Scand J Clin Lab Invest** 1985 May;45(3):217–22

Optical measurements of extracellular calcium depletion during a single heartbeat. Cleemann L, et al. **Science** 1984 Oct 12;226(4671):174–7

[Hyponatremia caused by extracellular hyperosmolarity] Mesny J, et al. **Cah Anesthesiol** 1984 Mar;32(3):237 **(Fre)**

[Ultrastructure of the media and biochemistry of the intercellular substance of the wall of varicose veins] Seydewitz V, et al. **Phlebologie** 1985 Apr–Jun;38(2):333–46 (Eng. Abstr.) **(Fre)**

[Positron emission tomography of regional extravascular lung water and regional pulmonary blood volume in chronic heart failure] Bossaller C, et al. **Z Kardiol** 1985 Jan; 74(1):5–14 (Eng. Abstr.) **(Ger)**

[Endogenous metabolism and production of extracellular proteins in Staphylococcus aureus] Mikucki J, et al. **Med Dosw Mikrobiol** 1984;36(3):137–44 (Eng. Abstr.) **(Pol)**

MICROBIOLOGY

Increased infectivity of extracellular adenovirus type 12. Brüggemann U, et al. **J Virol** 1985 Jul;55(1):117–25

PHYSIOLOGY

Site and magnitude of the tubular inhibitory effect of expanding the extracellular volume in dogs. Langberg H, et al. **Acta Physiol Scand** 1984 Nov;122(3):285–98

The role of Ca influx in cardiac muscle excitation–contraction coupling. Assessment by extracellular Ca microelectrodes. Bers DM, et al. **Adv Myocardiol** 1985;6:49–57

Abnormal relation of extracellular fluid volume and exchangeable sodium with systemic arterial pressure in early borderline essential hypertension. Lebel M, et al. **Am J Cardiol** 1984 Dec 1;54(10):1267–71

Fractional excretion of sodium as a guide to volume depletion during recovery from acute renal failure. Lam M, et al. **Am J Kidney Dis** 1985 Jul;6(1):18–21

Synthesis and renal activity of rat atrial granules depend on extracellular volume. Ackermann U, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R750–2

Extracellular pH and tension during ischemia in the isolated rabbit ventricle. Couper GS, et al. **Am J Physiol** 1984 Dec; 247(6 Pt 2):H916–27

Fundamentals of fluid transport through cartilage in compression. Kwan MK, et al. **Ann Biomed Eng** 1984; 12(6):537–58

Effect of extracellular space on kallikrein excretion in the rat. Martínez Seeber A, et al. **Arch Int Physiol Biochim** 1985 May;93(1):33–6

Platelet interaction with subendothelial extracellular matrix: platelet–fibrinogen interactions are essential for platelet aggregation but not for the matrix–induced release reaction. Eldor A, et al. **Blood** 1985 Jun;65(6):1477–83

Acidification of interstitial fluid in hippocampal formation caused by seizures and by spreading depression. Somjen GG. **Brain Res** 1984 Oct 8;311(1):186–8

Effects of noradrenaline on interstitial fluid pressure in induced rat mammary tumours. Tveit E, et al. **Cancer Lett** 1985 Jul;27(3):249–53

Cerebrospinal fluid and extracellular fluid: their relationship to pressure and duration of canine hydrocephalus. Page LK. **Childs Nerv Syst** 1985;1(1):12–7

Comparison between intracellular and extracellular direct current recordings of sinus node activity for evaluation of sinoatrial conduction time. Haberl R, et al. **Circulation** 1984 Oct;70(4):760–7

Aortic endothelial junctions in developing hypertension. McGuire PG, et al. **Hypertension** 1985 Jul–Aug;7(4):483–90

Measurement of subcutaneous tissue fluid pressure using a skin–cup method. Adair TH, et al. **J Appl Physiol** 1985 May;58(5):1528–35

Extracellular fluid filtration as the reason for the viscoelastic behaviour of the passive myocardium. Tsaturyan AK, et al. **J Biomech** 1984;17(10):749–55

Dopaminergic mediation of the natriuretic response to volume expansion. Krishna GG, et al. **J Lab Clin Med** 1985 Feb;105(2):214–8

Activity–dependent shrinkage of extracellular space in rat optic nerve: a developmental study. Ransom BR, et al. **J Neurosci** 1985 Feb;5(2):532–5

Effects of increased systemic blood pressure on the tissue fluid pressure threshold of peripheral nerve. Szabo RM, et al. **J Orthop Res** 1983;1(2):172–8

Changes in sodium activity during light stimulation in photoreceptors, glia and extracellular space in drone retina. Coles JA, et al. **J Physiol (Lond)** 1985 May;362:415–35

Distribution of body fluids: local mechanisms guarding interstitial fluid volume. Aukland K. **J Physiol (Paris)** 1984; 79(6):395–400 (27 ref.)

Anisotropic conduction properties of canine ventricular muscles. Influence of high extracellular K+ concentration and stimulation frequency. Tsuboi N, et al. **Jpn Circ J** 1985 May;49(5):487–98

Extracellular fluid expansion and autoregulation in nephrotoxic serum nephritis in rats. Sakai T, et al. **Kidney Int** 1984 Apr;25(4):619–28

Increased digitalis–like activity in human cerebrospinal fluid after expansion of the extracellular fluid volume. Halperin JA, et al. **Life Sci** 1985 Aug 12;37(6):561–6

Interstitial fluid pressure and hemodynamics in a sarcoma implanted in the rat tail. Wiig H, et al. **Microvasc Res** 1985 Mar;29(2):176–89

Nephrogenous cyclic AMP during extracellular volume expansion: relationship to early and late aortic constriction. Gura V, et al. **Miner Electrolyte Metab** 1985;11(4):270–6

Intratesticular secretion of a factor(s) with major stimulatory effects on Leydig cell testosterone secretion in vitro. Sharpe RM, et al. **Mol Cell Endocrinol** 1984 Sep; 37(2):159–68

Release of prostaglandin E2 from the hypothalamus depends on extracellular Ca2+ availability: relation to LHRH release. Ojeda SR, et al. **Neuroendocrinology** 1984 Nov; 39(5):442–7

Electrophysiological studies on lateral intercellular spaces of Necturus gallbladder epithelium. Ikonomov O, et al. **Pflugers Arch** 1985 Mar;403(3):301–7

Transepithelial potential difference in cystic fibrosis. Hay JG, et al. **Thorax** 1985 Jul;40(7):493–6

Influences of experimental uremia on the intra– and extracellular acid–base status of the rat. Rothe KF, et al. **Urol Int** 1984;39(6):332–5

[Application of YH–1B model apparatus for measuring tissue fluid pressure] Chen YH. **Chung Hua I Hsueh Tsa Chih** 1984 Nov;64(11):698–700 **(Chi)**

[Renal response to acute expansion of the extracellular volume in renal transplant patients] Mourad G, et al. **Arch Mal Coeur** 1984 Oct;77(11):1247–50 (Eng. Abstr.) **(Fre)**

[Effect of respiratory and non–respiratory (metabolic) changes of extracellular pH value on intracellular pH value of various rat tissues in vivo. Relations between extra– and intracellular acid–base balance in clinically normal and extreme ranges. I] Rothe KF. **Anasth Intensivther Notfallmed** 1984 Aug;19(4):184–90 (Eng. Abstr.) **(Ger)**

[Kidney reaction to an increase in extracellular fluid volume in adrenoreceptor blockage] Petriuk AE. **Fiziol Zh** 1984 Nov–Dec;30(6):736–9 **(Rus)**

[Role of the interstitial fluid in regulating osmotic homeostasis during postnatal development] Bazanova NU, et al. **Fiziol Zh SSSR** 1984 Sep;70(9):1348–50 **(Rus)**

[Radioisotope determination of the volume of extracellular fluid in diffuse peritonitis] Popović M, et al. **Acta Chir Iugosl** 1984 Mar;31(2):153–7 (Eng. Abstr.) **(Scr)**

PHYSIOPATHOLOGY

Mechanism of preservation of glomerular perfusion and filtration during acute extracellular fluid volume depletion. Importance of intrarenal vasopressin–prostaglandin interaction for protecting kidneys from constrictor action of vasopressin. Yared A, et al. **J Clin Invest** 1985 May; 75(5):1477–87

EXTRACHROMOSOMAL INHERITANCE

Extrachromosomal inheritance of susceptibility to trypanosome infection in tsetse flies. I. Selection of susceptible and refractory lines of Glossina morsitans morsitans. Maudlin I, et al. **Ann Trop Med Parasitol** 1985 Jun;79(3):317–24

Hybrid dysgenesis in Drosophila melanogaster: the evolution of mixed P and M populations maintained at high temperature. Kiyasu PK, et al. **Genet Res** 1984 Dec; 44(3):251–9

Son–killer: a third extrachromosomal factor affecting the sex ratio in the parasitoid wasp, Nasonia (=Mormoniella) vitripennis. Skinner SW. **Genetics** 1985 Apr;109(4):745–59

Extrachromosomal DNA forms of copia–like transposable elements, F elements and middle repetitive DNA sequences in Drosophila melanogaster. Variation in cultured cells and embryos. Mossie KG, et al. **J Mol Biol** 1985 Mar 5; 182(1):31–43

Characterization of a retrovirus shuttle vector capable of either proviral integration or extrachromosomal replication in mouse cells. Berger SA, et al. **Mol Cell Biol** 1985 Feb; 5(2):305–12

Recombination events after transient infection and stable integration of DNA into mouse cells. Subramani S, et al. **Mol Cell Biol** 1985 Apr;5(4):659–66

Inheritance of extrachromosomal ribosomal DNA during the asexual life cycle of Dictyostelium discoideum: examination by use of DNA polymorphisms. Welker DL, et al. **Mol Cell Biol** 1985 Feb;5(2):273–80

Possible mitochondrial inheritance of congenital cardiac septal defects [letter] Sherman J, et al. **N Engl J Med** 1985 Jul 18;313(3):186–7

The linear extrachromosomal DNA of Physarum polycephalum replicates and is maintained under non–selective conditions in two different lower eukaryotes. Künzler P. **Nucleic Acids Res** 1985 Mar 25;13(6):1855–69

Proceedings of the eighth annual Mid–Atlantic Regional Extrachromosomal Genetic Elements Conference. October 12–14, 1984, Virginia Beach, Virginia. **Plasmid** 1985 May; 13(3):219–26

Slow virus visna: reproduction in vitro of virus from extrachromosomal DNA. Harris JD, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7212–5

[Extrachromosomal elements of Escherichia coli in the fraction containing nucleoprotein complexes of reverse transcriptase with an endogenous template] Romashchenko AG, et al. **Dokl Akad Nauk SSSR** 1984;277(5):1264–6 **(Rus)**

[Genetic transformation of somatic cells. III. An analysis of the status of the plasmid nucleotide sequences in the extrachromosomal DNA of transformant clone cells and the rescue of extrachromosomal molecules of the plasmid DNA] Tomilin NV, et al. **Tsitologiia** 1985 May; 27(5):565–71 (Eng. Abstr.) **(Rus)**

EXTRACORPOREAL CIRCULATION

Fructose diphosphate and mean erythrocytic survival after extracorporeal circulation. Candiani A, et al. **Agressologie** 1984 Oct;25(9):1019–22

Effects of extracorporeal circulation on plasma beta–endorphin–like–immunoreactivity in children. Yamashita M, et al. **Agressologie** 1985 Mar;26(3):267–9

Simultaneous measurement of serotonin and propranolol pulmonary extraction in patients after extracorporeal circulation and surgery. Dargent F, et al. **Am Rev Respir Dis** 1985 Feb;131(2):242–5

A surgeon's view of extracorporeal circulation. Gerbode FL. **Ann Surg** 1985 Mar;201(3):263–7

Low molecular weight (LMW) heparin derivatives in experimental extra–corporeal circulation (ECC). Aiach M, et al. **Haemostasis** 1984;14(4):325–32

Studies of complement activation in ARDS patients treated by long–term extracorporeal CO2 removal. Gardinali M, et al. **Int J Artif Organs** 1985 May;8(3):135–40

Multidisciplinary approach to extracorporeal respiratory assist for acute pulmonary failure. Solca M, et al. **Int Surg** 1985 Jan–Mar;70(1):9–11

Analysis of immunoglobulin G kinetics in the non–steady state. Charlton B, et al. **J Lab Clin Med** 1985 Mar; 105(3):312–20

Loss of fibrinogen receptors from the platelet surface during simulated extracorporeal circulation. Musial J, et al. **J Lab Clin Med** 1985 Apr;105(4):514–22

Aspiration of blood from the jugular vein during intracarotid drug infusion in monkeys. Implications for extracorporeal drug removal. Clark WC, et al. **J Neurosurg** 1985 Apr; 62(4):576–9

Alveolar–arterial oxygen gradients versus the Neonatal Pulmonary Insufficiency Index for prediction of mortality in ECMO candidates. Krummel TM, et al. **J Pediatr Surg** 1984 Aug;19(4):380–4

Iloprost (ZK36374), a stable analogue of prostacyclin, preserves platelets during simulated extracorporeal circulation. Addonizio VP Jr, et al. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):926–33

Effect of extracorporeally induced total body hyperthermia for cancer on cardiovascular function. Maeta M, et al. **Jpn Heart J** 1984 Nov;25(6):993–1000

Haemodynamics during arterio–arterial extracorporeal circulation in the dog. Gille JP, et al. **Life Support Syst** 1985 Apr–Jun;3(2):98–102

Control system for assist pump using noninvasive measurements. Suzuki Y, et al. **Life Support Syst** 1985 Jan–Mar;3(1):63–5

The design and use of a charting system for automatic record keeping during extracorporeal circulation. Oomen J, et al. **Med Prog Technol** 1985;10(4):239–47

Comparative study of cardioplegia by anoxic arrest and elective fibrillation under extracorporeal circulation using left ventricular function curve. Nakagawa A, et al. **Nippon Geka Hokan** 1984 Jan 1;53(1):117–24

Haemostatic balance and thrombotic tendency after extracorporeal circulation. Veschi F, et al. **Panminerva Med** 1985 Jan–Mar;27(1):5–10

Extracorporeal photopheresis [editorial] Edelson RL. **Photodermatol** 1984 Oct;1(5):209–10

Chest radiographic findings in neonates on extracorporeal membrane oxygenation. Hall JA Jr, et al. **Radiology** 1985 Oct;157(1):75–7

A high performance isolated rat brain preparation. Part I: Operative technique and recipient extracorporeal perfusion. Takaoka Y, et al. **Resuscitation** 1985 Mar;12(4):253–9

Hydroxyethylrutosides during extracorporeal circulation: effect on erythrocyte deformability. Sonnenfeld T, et al. **Scand J Thorac Cardiovasc Surg** 1985;19(1):85–7

Extracorporeal circulation with deep hypothermia and circulatory arrest in the treatment of intracranial arterial aneurysms. Guegan Y, et al. **Surg Neurol** 1985 Oct; 24(4):441–8

Gabexate mesilate (Foy) as an anticoagulant in extracorporeal circulation in dogs and sheep. Oedekoven B, et al. **Thromb Haemost** 1984 Dec 29;52(3):329–32

[Prevention and treatment of hypokalemia during and after intracardiac surgery under extracorporeal circulation. III. Administration of a predetermined amount of potassium for supplement during perfusion] Li SG. **Chung Hua I Hsueh Tsa Chih** 1984 Oct;64(10):615–7 (Eng.

Abstr.) (Chi)
[Deep hypothermia with temporary circulatory arrest in the surgery of congenital heart defects in small children. II. Functional changes during surface cooling. Total oxygen consumption during extracorporeal circulation] Kučera V, et al. **Cas Lek Cesk** 1985 Jul 26;124(30):948–52 (Eng. Abstr.) (Cze)
[Re-evaluation of veno-arterial assistance in emergency surgery of the descending thoracic aorta. Apropos of 34 cases] Soyer R, et al. **Ann Chir** 1985 Mar;39(2):109–17 (Eng. Abstr.) (Fre)
[Prospects for therapy of acute respiratory insufficiency by extracorporeal circulation] Gille JP. **Ann Fr Anesth Reanim** 1985;4(4):329–32 (Fre)
[Enflurane and extracorporeal circulation. Peripheral vascular effects and consequences of hypothermia on its biotransformation] Videcoq M, et al. **Ann Fr Anesth Reanim** 1985;4(1):3–8 (Eng. Abstr.) (Fre)
[Heart surgery with extracorporeal circulation in hemodialyzed patients with renal insufficiency] Train M, et al. **Cah Anesthesiol** 1984 Mar;32(3):219–23 (Eng. Abstr.) (Fre)
[Antithrombin III substitution for optimization of the heparin effect during extracorporeal circulation in heart surgery] Dietrich W, et al. **Anaesthesist** 1984 Sep;33(9):422–7 (Eng. Abstr.) (Ger)
[Control of temporary anticoagulation in extracorporeal circulation using activated coagulation time] Kessler G, et al. **Anaesthesist** 1984 Dec;33(12):588–91 (Eng. Abstr.) (Ger)
[Heart surgery with extracorporeal circulation in long-term hemodialysis patients] Schlosser V, et al. **Dtsch Med Wochenschr** 1985 Apr 4;110(14):544–9 (Eng. Abstr.) (Ger)
[Perioperative cefamandole prevention in aortocoronary bypass operations: the course of serum levels in extracorporeal circulation] Klepetko W, et al. **Langenbecks Arch Chir** 1984;362(4):237–43 (Eng. Abstr.) (Ger)
[Variations in CPK-MB during extracorporeal circulation] Possati F, et al. **Minerva Cardioangiol** 1985 Mar;33(3):123–6 (Eng. Abstr.) (Ita)
[Hollow fiber monitoring system for blood gas and pH determination during extracorporeal circulation] Tamura T. **Iyodenshi To Seitai Kogaku** 1984 Sep;22(5):368–9 (Jpn)
[New caval venous cannula designed for easy measuring of the central venous pressure during bypass] Murata H, et al. **Kyobu Geka** 1985 Jan;38(1):52–3 (Eng. Abstr.) (Jpn)
[Extracorporeal lung assist (ECLA) by intermittent veno-venous bypass for newborn respiratory failure] Saito Y, et al. **Masui** 1985 Apr;34(4):483–8 (Eng. Abstr.) (Jpn)
[Correlation between postoperative bleeding and hematological changes at the end of extracorporeal circulation] Matsukura H, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Jan;33(1):58–66 (Eng. Abstr.) (Jpn)
[Evaluation on hematological changes during and following extracorporeal circulation] Matsukura H, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Sep;32(9):1340–7 (Eng. Abstr.) (Jpn)
[Measurement of micro-airbubbles in the extracorporeal circulation by laser bubble detector] Murata S. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Dec;32(12):2049–59 (Eng. Abstr.) (Jpn)
[Studies on concentration and reuse of priming blood after extracorporeal circulation: a comparison between the cell saver and hollow fiber dialyzer] Nogami A. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Nov;32(11):1962–9 (Eng. Abstr.) (Jpn)
[Experimental study upon platelet preservation by prostaglandin I2 during extracorporeal circulation] Osada H, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Oct;32(10):1795–803 (Eng. Abstr.) (Jpn)
[Thrombus formation and its prevention during extracorporeal circulation—effect of preoperative administration with the antiplatelet drugs] Takayama T. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Dec;32(12):2076–89 (Eng. Abstr.) (Jpn)
[Role of the cardiovascular system in providing for 02 transport after open heart surgery] Abbakumov VV, et al. **Anesteziol Reanimatol** 1984 Sep–Oct;(5):36–9 (Eng. Abstr.) (Rus)
[Oxygen transport function of the blood in the presence of reduced hemoglobin concentrations in the blood after open heart surgery] Eremenko AA, et al. **Anesteziol Reanimatol** 1984 Sep–Oct;(5):33–6 (Eng. Abstr.) (Rus)
[Pathophysiology and diagnosis of the acute hepatorenal syndrome in surgery] Lebedeva RN, et al. **Anesteziol Reanimatol** 1984 Sep–Oct;(5):30–3 (Eng. Abstr.) (Rus)
[Clinical trial of artificial circulation under hyperbaric oxygenation] Lur'e GO, et al. **Anesteziol Reanimatol** 1985 Mar–Apr;(2):8–12 (Eng. Abstr.) (Rus)
[Relation between changes in central hemodynamic indices and the gas composition of the blood after open heart surgery] Riadovoĭ GV, et al. **Anesteziol Reanimatol** 1984 Sep–Oct;(5):42–5 (Eng. Abstr.) (Rus)
[Changes in the blood system after its extracorporeal irradiation] Bobkov IuI, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):28–31 (Eng. Abstr.) (Rus)
[Effect of surgery on a patient's phagocyte system] Belotskiĭ SM, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):92–4 (Eng. Abstr.) (Rus)
[Extracorporeal connection of donor's spleen for detoxication of the body] Shumakov VI, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):110–4 (Eng. Abstr.) (Rus)
[Histamine liberation and cyclic nucleotide activation in the lungs in experimental anesthesia and artificial circulation] Gerasimov NM, et al. **Patol Fiziol Eksp Ter** 1984 Sep–Oct;(5):75–8 (Eng. Abstr.) (Rus)
[The effect of surgical trauma and peroperative hemodilution on the phagocytic and microbicidal capacity of polymorphonuclear leukocytes] Horecký J, et al. **Bratisl Lek Listy** 1984 Nov;82(5):1301–9 (Eng. Abstr.) (Slo)
[Diazanalgesia as an anesthetic technic in heart surgery with extracorporeal circulation] Gómez Herreras JI, et al. **Rev Esp Anestesiol Reanim** 1984 May–Jun;31(3):95–8 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

Cranial sonography of the infant treated with extracorporeal membrane oxygenation. Bowerman RA, et al. **AJR** 1985 Jul;145(1):161–6
Hyperamylasaemia following extracorporeal perfusion. Given F, et al. **Ir J Med Sci** 1984 Jun;153(6):203–7
Loss of platelet alpha 2-adrenergic receptors during simulated extracorporeal circulation: prevention with prostaglandin E1. Wachtogel YT, et al. **J Lab Clin Med** 1985 May;105(5):601–7
[Incidence of neutropenia after extracorporeal circulation in cardiac surgery in children] Karakolev Z. **Cesk Pediatr** 1985 Jan;40(1):34 (Cze)
[Acute renal failure after extracorporeal circulation with aortic counterpulsation in surgically treated patients] Blanloeil Y, et al. **Ann Fr Anesth Reanim** 1985;4(3):283–8 (Eng. Abstr.) (Fre)
[Hematologic changes induced by extracorporeal circulation] Watel A, et al. **Ann Fr Anesth Reanim** 1985;4(4):360–6 (52 ref.) (Eng. Abstr.) (Fre)
[Valve replacement, a possible factor in myocardial deterioration] Acar J, et al. **Arch Mal Coeur** 1984 Oct;77(10):1120–5 (Eng. Abstr.) (Fre)
[Acute suppurative mediastinitis in heart surgery performed under extracorporeal circulation] Amrein C, et al. **Arch Mal Coeur** 1984 Oct;77(10):1146–50 (Eng. Abstr.) (Fre)
[Incidence and prognosis of acute renal failure after cardiac surgery with extracorporeal circulation] Blanloeil Y, et al. **Cah Anesthesiol** 1984 Oct;32(6):489–94 (Eng. Abstr.) (Fre)
[Physiopathologic impact of extracorporeal circulation] Fiemeyer A, et al. **Cah Anesthesiol** 1984 Oct;32(6):447–55 (Fre)
[Treatment of low cardiac output following extracorporeal circulation with captopril] Girard C, et al. **Cah Anesthesiol** 1985 Jan–Feb;33(1):61–4 (Eng. Abstr.) (Fre)
[Infections in surgery under extracorporeal circulation. Results of 3 years of antibioprophylaxis] Train M, et al. **Cah Anesthesiol** 1984 Oct;32(6):495–9 (Eng. Abstr.) (Fre)
[Digestive complications of cardiac surgery with extracorporeal circulation] Novati JP, et al. **Chirurgie** 1984;110(8–9):723–8 (Eng. Abstr.) (Fre)
[Fatal hypoxemia following extracorporeal circulation for aortocoronary bypass. A case] Bousseau D, et al. **Presse Med** 1985 Feb 23;14(8):475–7 (Eng. Abstr.) (Fre)
[Various causes of low cardiac output syndrome after open-heart surgery] Koziorowska B, et al. **Kardiol Pol** 1984;27(7):537–44 (Eng. Abstr.) (Pol)
[Cerebral ischemia following extracorporeal circulation] Luzio J. **Arq Bras Cardiol** 1984 Aug;43(2):123–6 (Por)
[Colloid-osmotic blood pressure during operations under artificial circulation] Divonin AL. **Anesteziol Reanimatol** 1985 Jan–Feb;(1):65–8 (61 ref.) (Rus)
[Post-transfusion hepatitis in patients after heart surgery] Golosova TV, et al. **Gematol Transfuziol** 1985 Feb;30(2):7–12 (Eng. Abstr.) (Rus)
[Role of pulmonary air embolism in the etiology of cerebral, cardiac and pulmonary complications after operations with artificial blood circulation] Putov NV, et al. **Vestn Khir** 1985 Feb;134(2):15–9 (Eng. Abstr.) (Rus)

INSTRUMENTATION

Extracorporeal lung assist with a single catheter in puppies. Saito Y, et al. **Crit Care Med** 1985 Jun;13(6):501–3
Microbubble detection during cardiopulmonary bypass for open-heart surgery. Furness A, et al. **Life Support Syst** 1985 Apr–Jun;3(2):103–9
Removal of gaseous microemboli from extracorporeal circulation. Pascale F. **Med Instrum** 1985 Mar–Apr;19(2):70–2
Product design and its relation to the generation of gaseous microemboli in the extracorporeal circuit. Servas FM. **Med Instrum** 1985 Mar–Apr;19(2):63–6
Bound and circulating heparin in an ECMO system thrombogenicity versus functionality. Roohk HV, et al. **Trans Am Soc Artif Intern Organs** 1984;30:639–43
A new pump chamber for the roller pump allows control of flow output by filling pressure. Tamari Y, et al. **Trans Am Soc Artif Intern Organs** 1984;30:561–6
The use of bound heparin in prolonged extracorporeal membrane oxygenation. Toomasian JM, et al. **Trans Am Soc Artif Intern Organs** 1984;30:133–6
[Comparison of centrifugal pump (bio pump) with roller pump: clinical study] Takeda H, et al. **Kyobu Geka** 1984 Dec;37(13):1006–11 (Eng. Abstr.) (Jpn)
[Experimental studies of left heart bypass using the centrifugal blood pump] Komoda T. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Mar;33(3):320–30 (Eng. Abstr.) (Jpn)
[Pulsating perfusion during carbon fluoride oxygenation of blood] Ioseliani GD, et al. **Anesteziol Reanimatol** 1984 Jul–Aug;(4):27–30 (Eng. Abstr.) (Rus)
[Clinical use of antifoaming agent Propynol B-400 during extracorporeal circulation] Kobakhidze EA, et al. **Anesteziol Reanimatol** 1984 Nov–Dec;(6):13–4 (Eng. Abstr.) (Rus)
[Origin and importance of particles causing microembolism and the clinical effectiveness of using filters in artificial circulation apparatus. III. Blood filters in open-heart surgery using artificial circulation] Brause W, et al. **Med Tekh** 1985 Mar–Apr;(2):57–61 (Rus)

METHODS

Extracorporeal circulation in a patient with heparin-induced thrombocytopenia [letter] Ellison N, et al. **Anesthesiology** 1985 Sep;63(3):336–7
A new perfusion circuit for the newborn with lung immaturity: extracorporeal CO2 removal via an umbilical arteriovenous shunt during apneic O2 diffusion. Schmidt S, et al. **Artif Organs** 1984 Nov;8(4):478–80
Cerebral perfusion in dogs during pulsatile and non pulsatile extracorporeal circulation. Dernevik L, et al. **J Cardiovasc Surg (Torino)** 1985 Jan–Feb;26(1):32–5
Patch enlargement of the cardiovascular flow tract with neither flow occlusion nor extracorporeal circulation. Maeta H, et al. **J Thorac Cardiovasc Surg** 1985 Jan;89(1):146–8
Hemoconcentration during open heart operations. Osipov VP, et al. **Thorac Cardiovasc Surg** 1985 Apr;33(2):81–5
Extracorporeal gas exchange, lung transplantation, and the artificial lung. Bartlett RH, et al. **Trans Am Soc Artif Intern Organs** 1984;30:679–81
Flow characteristics of Kolobow system for extracorporeal CO2 removal (ECCO2R). Ladowski JS, et al. **Trans Am Soc Artif Intern Organs** 1984;30:635–8
[Perfusional effects of extracorporeal circulation under deep hypothermia on the canine cerebral and conjunctival microcirculation] Shen JY. **Chung Hua I Hsueh Tsa Chih** 1985 Jan;65(1):20–5 (Eng. Abstr.) (Chi)
[Is circulatory assistance necessary in the surgical treatment of acute massive pulmonary embolism?] Giraud C, et al. **Ann Chir** 1984 Oct;38(7):572–6 (Eng. Abstr.) (Fre)
[A new pulsating extracorporeal circulation] Matsukura H, et al. **Kyobu Geka** 1985 Feb;38(2):124–5 (Jpn)
[Clinical experiences of long time extracorporeal circulation with newly designed assist device] Hasegawa T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jul;32(7):977–85 (Eng. Abstr.) (Jpn)
[Blood access for extracorporeal circulation] Iwamoto H, et al. **Nippon Rinsho** 1984 Aug;42(8):1827–31 (Jpn)
[An experimental examination of extra-hepatic metabolism of trichloroethylene in dogs] Hobara T, et al. **Sangyo Igaku** 1984 Jul;26(4):289–95 (Eng. Abstr.) (Jpn)
[Pulsatile flow in extracorporeal circulation. Presentation of a mechanical system with preliminary hemodynamic and oxygen transport studies] dos Reis CL, et al. **Arq Bras Cardiol** 1984 Oct;43(4):239–44 (Eng. Abstr.) (Por)
[Medico-biological aspects of left heart shunting] Margulis MS, et al. **Anesteziol Reanimatol** 1985 Jan–Feb;(1):53–7 (83 ref.) (Rus)

EXTRACORPOREAL DIALYSIS see **HEMODIALYSIS**

EXTRACRANIAL-INTRACRANIAL ARTERIAL BYPASS see **CEREBRAL REVASCULARIZATION**

EXTRACTION, OBSTETRICAL

Boys born by forceps and vacuum extraction examined at 18 years of age. Nilsen ST. **Acta Obstet Gynecol Scand** 1984;63(6):549–54
Anaesthesia for suction termination of pregnancy. West SL, et al. **Anaesthesia** 1985 Jul;40(7):669–72
Loving the vacuum [letter] **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1823
Obstetric vacuum extraction. Thiery M. **Obstet Gynecol Annu** 1985;14:73–111 (101 ref.)
[Operative obstetrics—section, vacuum, forceps. Clinical results in 3,742 cases 1966 to 1980] Hohlweg-Majert P, et al. **Fortschr Med** 1985 May 2;103(17):450–2 (Eng. Abstr.) (Ger)
[Rarely occurring complications in vacuum extraction] Tarina F, et al. **Zentralbl Gynakol** 1985;107(2):102–5 (Eng. Abstr.) (Ger)
[Analysis of very underweight newborn infants (less than 1,500 g) 1972–1982. Epidemiologic aspects, labor presentation, position and adjustment, method of delivery

and mortality] Zwahr C, et al. **Zentralbl Gynakol** 1985;107(13):812–20 (Eng. Abstr.) (Ger)

[Our views on the indications for vacuum extraction] Pakan J, et al. **Bratisl Lek Listy** 1984 Jul;82(1):834–8 (Eng. Abstr.) (Slo)

[The reliability of using vacuum aspiration after labor] Mlynček M, et al. **Cesk Gynekol** 1984 Dec;49(10):717–20 (Eng. Abstr.) (Slo)

ADVERSE EFFECTS

Foeto-maternal outcome following vacuum extraction: recent experience with 625 consecutive cases. Orhue AA. **Asia Oceania J Obstet Gynaecol** 1984 Sep;10(3):287–94

Cranial ultrasound after forceful midpelvis vacuum extraction at term. Jeannin P, et al. **J Perinat Med** 1984;12(6):319–23

Fetal heart bradycardia associated with the vacuum extractor. A case report. Apuzzio JJ, et al. **J Reprod Med** 1984 Jul;29(7):496–7

[Observation of plain X-ray films of skulls of 107 neonates delivered by vacuum extraction] Yao JF. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Oct;19(4):222–5, 257 (Eng. Abstr.) (Chi)

INSTRUMENTATION

[A case report of depressed skull fracture of the newborn treated with a vacuum extractor] Wu CM, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Feb;84(2):270–5 (Eng. Abstr.) (Chi)

METHODS

[Indications and technic of operative vaginal delivery in vertex presentation] Gitsch E, et al. **Zentralbl Gynakol** 1984;106(10):653–9 (Eng. Abstr.) (Ger)

VETERINARY

[The Munich obstetric instruments for cattle. Use during the birth of calves in VEL] Rüsse MW, et al. **Tierarztl Prax** 1985;Suppl 1:58–65 (Eng. Abstr.) (Ger)

EXTRAMARITAL RELATIONS see under **SEX BEHAVIOR**

EXTRAORAL TRACTION APPLIANCES see under **ORTHODONTIC APPLIANCES, REMOVABLE**

EXTRAORDINARY TREATMENT see **LIFE SUPPORT CARE**

EXTRAPYRAMIDAL DISORDERS see **BASAL GANGLIA DISEASES**

EXTRAPYRAMIDAL TRACTS

ANALYSIS

Neurochemically specified subsystems in the basal ganglia. Graybiel AM. **Ciba Found Symp** 1984;107:114–49

DRUG EFFECTS

Calciotropic hormones as possible modulators of rat extrapyramidal motor system. Patti F, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1771–7

Extrapyramidal reactions caused by antiemetics during cancer chemotherapy [letter] Kofoed PE, et al. **J Pediatr** 1984 Nov;105(5):852–3

Dopamine agonist action in mesolimbic, cortical and extrapyramidal areas to modify spontaneous climbing behaviour of the mouse. Costall B, et al. **Psychopharmacology (Berlin)** 1985;86(4):452–7

[Computer tomographic studies of patients with neuroleptic-induced disorders of extrapyramidal motor activity] Stuckstedte H, et al. **Nervenarzt** 1984 Sep;55(9):483–7 (Ger)

INJURIES

Glucose utilization is unchanged in red nucleus after axotomy. Rodichok LD, et al. **Brain Res** 1984 Dec 24;324(2):253–9

METABOLISM

Regulation of intracellular pH in vertebrate central neurons. Chesler M, et al. **Brain Res** 1985 Jan 28;325(1–2):313–6

PHYSIOLOGY

Integration in descending motor pathways controlling the forelimb in the cat. 11. Inhibitory pathways from higher motor centres and forelimb afferents to C3–C4 propriospinal neurones. Alstermark B, et al. **Exp Brain Res** 1984;56(2):293–307

Integration in descending motor pathways controlling the forelimb in the cat. 10. Inhibitory pathways to forelimb motoneurones via C3–C4 propriospinal neurones. Alstermark B, et al. **Exp Brain Res** 1984;56(2):279–92

Integration in descending motor pathways controlling the forelimb in the cat. 12. Interneurones which may mediate descending feed-forward inhibition and feed-back inhibition from the forelimb to C3–C4 propriospinal neurones. Alstermark B, et al. **Exp Brain Res** 1984;56(2):308–22

EXTRASENSORY PERCEPTION see **PARAPSYCHOLOGY**

EXTRASYSTOLE

To beat or not to beat: arguments for use of the term ventricular premature depolarization. Brugada P, et al. **Am J Cardiol** 1985 Apr 1;55(8):1113–4

I still prefer ventricular premature complex [editorial] Roberts WC. **Am J Cardiol** 1985 Apr 1;55(8):1117–8

CHEMICALLY INDUCED

Cardiac dysrhythmias associated with chemical peeling with phenol. Warner MA, et al. **Anesthesiology** 1985 Mar;62(3):366–7

Ventricular fibrillation. A complication and hazard of transcatheter obliteration of the renal artery with absolute ethanol in dogs. Kusano S, et al. **Invest Radiol** 1985 Jan–Feb;20(1):36–41

COMPLICATIONS

[Deterioration in ventricular arrhythmia caused by anti-arrhythmia preparations] Mazur NA, et al. **Ter Arkh** 1984;56(9):67–70 (Eng. Abstr.) (Rus)

DIAGNOSIS

Intermittent ventricular bigeminy as an expression of modulated parasystole. Oreto G, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1634–7

From the aerospace medicine residents' teaching file: case no. 4. Mohler SR. **Aviat Space Environ Med** 1985 Mar;56(3):271–4

Early loss of postextrasystolic potentiation in acutely ischemic myocardium: evaluation by contrast two-dimensional echocardiography. Force T, et al. **Circulation** 1985 Mar;71(3):602–9

Premature ventricular beats in healthy adult subjects 20 to 79 years of age. Rasmussen V, et al. **Eur Heart J** 1985 Apr;6(4):335–41

The ventricular premature complex. Morganroth J. **Geriatrics** 1984 Oct;39(10):109–12

Unusual manifest and concealed bigeminy. Ramachandra Rao AV, et al. **J Assoc Physicians India** 1984 Jun;32(6):507–8

Electrocardiographic criteria for differentiating aberrancy and ventricular extrasystole in chronic atrial fibrillation: validation by intracardiac recordings. Gulamhusein S, et al. **J Electrocardiol** 1985 Jan;18(1):41–50

Long-term follow-up of asymptomatic healthy subjects with frequent and complex ventricular ectopy. Kennedy HL, et al. **N Engl J Med** 1985 Jan 24;312(4):193–7

[Incidence and significance of ventricular extrasystoles in normal subjects] De Backer G. **Verh K Acad Geneeskd Belg** 1984;46(2):137–60 (Eng. Abstr.) (Dut)

[Should one treat every extrasystole?] Jornod JC, et al. **Rev Med Suisse Romande** 1984 Sep;104(9):717–9 (Fre)

[Possibilities for trend registration of the behavior of extrasystoles in patients with coronary disease] Mann D, et al. **Z Gesamte Inn Med** 1985 Jun 15;40(12):372–7 (Eng. Abstr.) (Ger)

[Noninvasive identification of the origin of ventricular premature contraction by phase analysis of radionuclide ventriculography] Kawai N, et al. **Kaku Igaku** 1984 Oct;21(10):1323–8 (Eng. Abstr.) (Jpn)

[Identification of the original site of ventricular premature beats in patients without underlying cardiac disease by body surface mapping] Hayashi H, et al. **Nippon Naika Gakkai Zasshi** 1984 Jun;73(6):807–16 (Jpn)

[Value of standard electrocardiographic examination and different periods of ECG recording by the Holter method in the diagnosis of ventricular premature beats] Sadowski Z, et al. **Kardiol Pol** 1984;27(8):653–8 (Eng. Abstr.) (Pol)

[Diagnostic and prognostic value of the determination of cyclic nucleotide levels in disorders of cardiac rhythm] Dorofeev GI, et al. **Voen Med Zh** 1985 Feb;(2):59–60 (Rus)

DRUG THERAPY

Long-term efficacy and safety of oral encainide in the treatment of chronic ventricular ectopic activity: relationship to plasma concentrations--a French multicenter trial. Dumoulin P, et al. **Am Heart J** 1985 Sep;110(3):575–81

Beta-adrenergic blockade by nadolol in control of ventricular tachyarrhythmias. Nademanee K, et al. **Am Heart J** 1984 Oct;108(4 Pt 2):1109–15

Chronic lorcainide therapy for symptomatic premature ventricular complexes: efficacy, pharmacokinetics and evidence for norlorcainide antiarrhythmic effect. Mead RH, et al. **Am J Cardiol** 1985 Jan 1;55(1):72–8

Ventricular premature beats, ventricular tachycardia, and sudden cardiac death: identification of patients and drug treatment. Reid PR. **Ann NY Acad Sci** 1984;432:236–46 (54 ref.)

Results of long-term propranolol treatment in myocardial infarction survivors with advanced grades of ventricular extrasystoles. Mazur NA, et al. **Cor Vasa** 1984;26(4):241–7

Effects of lidocaine, procainamide, metoprolol digoxin and atropine on the conduction of premature ventricular beats in man. Edvardsson N, et al. **Eur Heart J** 1985 Jan;6(1):57–66

Acute effects of antiarrhythmic drugs on stable ventricular premature beats. Controlled comparison of lorcainide and lidocaine. Schmidt G, et al. **Eur J Clin Pharmacol** 1985;27(6):633–6

PVCs in the elderly: when to start worrying. Schmidt SB, et al. **Geriatrics** 1985 Aug;40(8):30–4, 39–40, 44

Comparison of acebutolol and propranolol therapy for ventricular arrhythmias. Platia EV, et al. **J Clin Pharmacol** 1985 Mar;25(2):130–7

Ventricular ectopy. Grauer K, et al. **J Fam Pract** 1984 Dec;19(6):731–3, 737, 741–2 passim

Evaluation of the efficacy of flecainide acetate in the treatment of ventricular premature contractions. Muhiddin KA, et al. **Postgrad Med J** 1985 Jun;61(716):489–96

Comparative study of mexiletine and quinidine in the treatment of ventricular ectopia. Assey ME, et al. **South Med J** 1985 May;78(5):565–8

[Treatment of chronic ventricular extrasystole with propafenone (Rhythmonorm)] Dimitrov D. **Vutr Boles** 1984;23(4):65–9 (Eng. Abstr.) (Bul)

[Comparative study of a slow-release quinidine preparation and flecainide administered in 2 daily doses for the treatment of extrasystole] Clémenty J, et al. **Ann Cardiol Angeiol (Paris)** 1984 Oct;33(6):401–5 (Eng. Abstr.) (Fre)

[Lorcainide in stable ventricular extrasystole. A double-blind study with 48-hour continuous ECG recording] Buss J, et al. **Dtsch Med Wochenschr** 1984 Nov 30;109(48):1829–32 (Eng. Abstr.) (Ger)

[Cholestasis after antiarrhythmic therapy with propafenone] Konz KH, et al. **Dtsch Med Wochenschr** 1984 Oct 5;109(40):1525–7 (Eng. Abstr.) (Ger)

[Idiopathic ventricular techyarrhythmia. Spontaneous variability and effect of various antiarrhythmic agents] Korsukewitz J, et al. **Dtsch Med Wochenschr** 1985 Jul 12;110(28–29):1103–7 (Eng. Abstr.) (Ger)

[When should ventricular extrasystole be treated?] Hoffmann A. **Schweiz Rundsch Med Prax** 1985 Jan 8;74(1–2):1–2 (Ger)

[A new method for the evaluation of the success of anti-arrhythmic drug therapy and a paradoxical drug-induced arrhythmogenic effect in individual patients] Andresen D, et al. **Z Kardiol** 1984 Aug;73(8):492–7 (Eng. Abstr.) (Ger)

[Long-term therapy with flecainide] Bramann HU, et al. **Z Kardiol** 1984 Nov;73(11):724–31 (Eng. Abstr.) (Ger)

[Acute and long-term antiarrhythmia effect of encainide in chronic atrial extrasystole] Thale J, et al. **Z Kardiol** 1985 Apr;74(4):220–7 (Eng. Abstr.) (Ger)

[Long-term therapy of ventricular extrasystole with verapamil] Pozzi L, et al. **Clin Ter** 1985 Jan 31;112(2):145–7 (Eng. Abstr.) (Ita)

[Pathogenesis of hemodynamic disorders during treatment of cardiac arrythmias in heart surgery patients with obsidan, trimecaine and lidocaine] Tsyganil AA, et al. **Anesteziol Reanimatol** 1984 Sep–Oct;(5):15–9 (Eng. Abstr.) (Rus)

[Characteristics of the ritmilen treatment of stable extrasystole in middle-aged and elderly ischemic heart disease patients] Korkushko OV, et al. **Klin Med (Mosk)** 1985 Apr;63(4):30–6 (Rus)

ETIOLOGY

Relationship of ventricular ectopy to nocturnal oxygen desaturation in patients with chronic obstructive pulmonary disease. Shepard JW Jr, et al. **Am J Med** 1985 Jan;78(1):28–34

Relationship of ventricular ectopy to nocturnal oxygen desaturation in patients with chronic obstructive pulmonary disease [letter] Tirlapur VG. **Am J Med** 1985 Aug;79(2):A51, A54, A56

Dialysis-induced cardiac arrhythmias: fact or fiction? Importance of preexisting cardiac disease in the induction of arrhythmias during renal replacement therapy. Wizemann V, et al. **Nephron** 1985;39(4):356–60

[Elementary changes in the duration of successive sinus cycles; the concept of sinus extrasystole] Fillette F, et al. **Arch Mal Coeur** 1984 Aug;77(8):910–6 (Eng. Abstr.) (Fre)

[Coexistence of left branch block and ectopic rhythm simulating alternating block] Juillard A, et al. **Arch Mal Coeur** 1984 Aug;77(8):959–64 (Eng. Abstr.) (Fre)

[Arrhythmogenic dysplasia of the right ventricle] Borowiecka E, et al. **Kardiol Pol** 1985;28(1):77–80 (Pol)

[Arrhythmogenic dysplasia of the right ventricle. Personal observations] Rydlewska-Sadowska W, et al. **Kardiol Pol** 1985;28(1):55–61 (Eng. Abstr.) (Pol)

[Mechanisms of the occurrence of parasystole and extrasystole] Kovaleva LI, et al. **Kardiologiia** 1985 Apr;25(4):75–80 (Eng. Abstr.) (Rus)

[Mechanism of the occurrence and differential diagnosis of para- and extrasystole, paroxysmal tachycardia and rebound contractions] Paleev NR, et al. **Kardiologiia** 1985 May;25(5):118–21 (Rus)

MORTALITY

Ventricular premature beats and mortality in elderly subjects [letter] Bjerregaard P. **Eur Heart J** 1985 Jan;6(1):91–2

PATHOLOGY

Incidence of the coexistence of left ventricular false tendons and premature ventricular contractions in apparently healthy subjects. Suwa M, et al. **Circulation** 1984 Nov; 70(5):793-8

PHYSIOPATHOLOGY

Concealed skipping extrasystoles as a mechanism of concealed atrial bigeminy. Kinoshita S, et al. **Am Heart J** 1985 Jun;109(6):1395-7

Apneas and oscillation of cardiac ectopy in Cheyne-Stokes breathing during sleep. Findley LJ, et al. **Am Rev Respir Dis** 1984 Nov;130(5):937-9

Premature ventricular beats in a previously healthy child. Whiteside K, et al. **Ann Emerg Med** 1985 Jan;14(1):67-70

Postextrasystolic T wave changes in normal canine hearts. Yoon MS, et al. **Cardiovasc Res** 1984 Nov;18(11):711-3

Postextrasystolic potentiation of the isolated canine left ventricle. Relationship to mechanical restitution. Yue DT, et al. **Circ Res** 1985 Mar;56(3):340-50

Heart rate and premature beats: a chronobiologic study. De Scalzi M, et al. **G Ital Cardiol** 1984 Jul;14(7):465-70

Exercise induced ventricular ectopics in patients with isolated congenital complete heart block and their association with inadequate chronotropy. Serratto M, et al. **G Ital Cardiol** 1984 Jun;14(6):387-94

Potentiating effects of a ventricular premature beat on the alternation of the ST-T complex of epicardial electrograms and the incidence of ventricular arrhythmias during acute coronary occlusion in dogs. Hashimoto H, et al. **J Electrocardiol** 1984 Jul;17(3):289-301

Effects of the ventricular premature beat on the alternation of the repolarization phase in ischemic myocardium during acute coronary occlusion in dogs. Hashimoto H, et al. **J Electrocardiol** 1984 Jul;17(3):229-38

Morphology of ectopic ventricular beats and their relationship to ventricular tachycardia in acute myocardial ischemia. Fujino K, et al. **Jpn Heart J** 1985 Jan;26(1):11-22

Ventricular extrasystoles in healthy subjects [editorial] Ruskin JN. **N Engl J Med** 1985 Jan 24;312(4):238-9

Postextrasystolic potentiation in isolated rat myocardium: dependence on resting muscle length. Poggesi C, et al. **Pflugers Arch** 1984 Nov;402(3):321-4

[Grading of ventricular premature contraction] Hiejima K. **Kokyu To Junkan** 1985 Apr;33(4):525-31 (55 ref.) **(Jpn)**

[Circadian rhythm of ventricular premature beat and urinary catecholamines—evaluation with Holtor ECG] Ishizaka K, et al. **Kokyu To Junkan** 1984 Nov;32(11):1147-50 **(Jpn)**

[Estimation of the ventricular activation sequence in normal and ventricular premature beat by body surface isochrone map (VAT map)] Hayashi H, et al. **Nippon Naika Gakkai Zasshi** 1985 Jan;74(1):21-30 **(Jpn)**

[Relation between ventricular premature contraction frequency and heart rate and analysis of antiarrhythmic effects of calcium channel blockers] Ito M, et al. **Rinsho Byori** 1985 Jan;33(1):33-42 **(Jpn)**

[Disorders of cardiac rhythm in patients with ischemic heart disease during isometric exercises] Gel'frat EB, et al. **Sov Med** 1985;(4):68-73 **(Rus)**

RADIONUCLIDE IMAGING

The noninvasive localization of ventricular pacing sites by radionuclide phase imaging. Bashore TM, et al. **Circulation** 1984 Oct;70(4):681-94

Postextrasystolic potentiation during spontaneous ventricular ectopy in man. Associated left ventricular volume changes determined by list mode radionuclide ventriculography. Polak JF, et al. **Invest Radiol** 1984 Sep-Oct;19(5):380-4

THERAPY

[Non-pharmacological methods of treatment and prevention of cardiac rhythm disorders in children] Ternova TI, et al. **Vestn Akad Med Nauk SSSR** 1985;(6):65-9 (Eng. Abstr.) **(Rus)**

[Therapeutic use of electro-aerosols and alternating magnetic fields in cardiac rhythm disorders in children] Karachevtseva TV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar-Apr; (2):37-9 (Eng. Abstr.) **(Rus)**

EXTRATERRESTRIAL ENVIRONMENT

[Prediction of X-ray phenomena of the M and X categories] Bernshtein PB. **Kosm Biol Aviakosm Med** 1985 Jan-Feb; 19(1):84-6 **(Rus)**

[Survival of bacteria in the Artificial Mars unit] Imshenetskii AA, et al. **Mikrobiologiia** 1984 Sep-Oct;53(5):731-7 (Eng. Abstr.) **(Rus)**

EXTRAVASATION OF CONTRAST MEDIA see **EXTRAVASATION OF DIAGNOSTIC AND THERAPEUTIC MATERIALS**

EXTRAVASATION OF DIAGNOSTIC AND THERAPEUTIC MATERIALS

Intravenous extravasation injuries: the effectiveness of hyaluronidase in their treatment. Laurie SW, et al. **Ann Plast Surg** 1984 Sep;13(3):191-4

Trigeminal antidromic vasodilatation and plasma extravasation in the rat: effects of acetylcholine antagonists and cholinesterase inhibitors. Couture R, et al. **Br J Pharmacol** 1985 Mar;84(3):637-43

Experimental evaluation of various available contrast agents for use in the upper gastrointestinal tract in case of suspected leakage: effects on mediastinum. Ginai AZ, et al. **Br J Radiol** 1985 Jul;58(691):585-92

Accidental subcutaneous infiltration of potassium chloride solution causing necrosis. Williams HP. **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1742

Nerve growth factor induces plasma extravasation in rat skin. Otten U, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):199-201

Thorotrast granuloma of the neck. Webber PA, et al. **J R Soc Med** 1984 Dec;77(12):1039-41

Self-limiting extravasation in the unused urinary bladder. Caroline DF, et al. **Radiology** 1985 May;155(2):311-3

Type of blunt renal injury rather than associated extravasation should determine treatment. Cass AS, et al. **Urology** 1985 Sep;26(3):249-51

[Rectal perforation by a retroperitoneal barium infiltration. Surgical therapy] Brandt W, et al. **Zentralbl Chir** 1984; 109(19):1273-6 **(Ger)**

COMPLICATIONS

Hyperthermia after metrizamide myelography. Latack JT, et al. **AJNR** 1984 Sep-Oct;5(5):649-51

Extravasation of chemotherapeutic agents. Hankin FM, et al. **Am Fam Physician** 1985 Mar;31(3):147-50

The CT appearances of hepatic oil embolism following lymphography. Silverstone EJ, et al. **Br J Radiol** 1984 Sep; 57(682):779-83

Severe extravasation injury [letter] Davidson DC, et al. **Br Med J [Clin Res]** 1985 Jul 20;291(6489):217

Mitomycin C extravasation ulcers. Khanna AK, et al. **J Surg Oncol** 1985 Feb;28(2):108-10

Transposition of venous contrast into the arteries [letter] Butler BD, et al. **JCU** 1985 Jan;13(1):71-2

Prevention of extravasation injuries secondary to doxorubicin. Linder RM, et al. **Postgrad Med** 1985 Mar; 77(4):105-9, 112, 114

Acute scrotal lesion secondary to barium peritonitis in an infant. Grable MS, et al. **Urology** 1985 May;25(5):499-501

ETIOLOGY

Complications of digital intravenous angiography: experience in 2488 cervicocranial examinations. Pinto RS, et al. **AJR** 1984 Dec;143(6):1295-9

Drug extravasation as a complication of venous access ports. Reed WP, et al. **Ann Intern Med** 1985 Jun;102(6):788-90

Drug extravasation and the Port-a-Cath system [letter] Strum SB, et al. **Ann Intern Med** 1985 Sep;103(3):472-3

Problem of extravasation of irrigating medium following transurethral resection of bladder tumours. Fox M. **Br J Urol** 1985 Aug;57(4):485-6

Subdural collection of intravenous fat emulsion in a neonate. Complication of central venous catheterization for total parenteral nutrition. Stine MJ, et al. **Clin Pediatr (Phila)** 1985 Jan;24(1):40-1

Barium peritonitis. Report of a case and review of the literature. Yamamura M, et al. **Dis Colon Rectum** 1985 May; 28(5):347-52

Peritoneal extravasation during percutaneous lithotripsy. Carson CC, et al. **J Urol** 1985 Oct;134(4):725-7

Extravasation of contrast material from unused bladders during voiding cystourethrography. Day DL. **Radiology** 1985 Apr;155(1):105-6

Vicarious excretion of contrast medium in patients without azotemia. Holloway H, et al. **Urology** 1985 Feb;25(2):201-3

[Tissue necrosis after accidental perivenous injection of potassium chloride] Steib A, et al. **Ann Fr Anesth Reanim** 1984;3(5):396-7 **(Fre)**

[Evaluation of spontaneous renal extravasation of contrast media in the excretory urogram] Eggerath A, et al. **Radiologe** 1985 May;25(5):224-9 (Eng. Abstr.) **(Ger)**

[Peripelvic extravasation in intravenous urography] Lange H, et al. **Z Gesamte Inn Med** 1985 Feb 1;40(3):82-4 (Eng. Abstr.) **(Ger)**

[A case favorably progressed after operation for hypertensive intracerebral hemorrhage showed extravasation on angiogram occurred in chronic alcoholism] Tomita Y, et al. **No To Shinkei** 1985 Mar;37(3):303-7 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Adriamycin and soft tissue injury [letter] Broadbent NR, et al. **NZ Med J** 1985 Feb 13;98(772):71

PHYSIOPATHOLOGY

Fascial pathways of extravasation of blood in lower abdomen following angiography-anatomic and clinical correlation. Khan SA, et al. **Angiology** 1984 Oct;35(10):672-5

Thorotrastomas. DelBalso AM, et al. **Milit Med** 1985 Mar; 150(3):129-31

PREVENTION & CONTROL

Prevention of fluorescein dye extravasation [letter] Schatz H, et al. **Arch Ophthalmol** 1985 Jul;103(7):895

Severe extravasation injury: an avoidable iatrogenic disaster? Burd DA, et al. **Br Med J [Clin Res]** 1985 May 25; 290(6481):1579-80

RADIOGRAPHY

Computed tomography demonstration of retroperitoneal contrast material extravasation complicating translumbar aortography. Nunez D Jr, et al. **J Comput Tomogr** 1985 Jan;9(1):69-71

Case profile: spontaneous retrograde extravasation of kidney following retrograde cystography. Gallego Gomez J, et al. **Urology** 1985 Aug;26(2):191-2

[Extravasation of contrast media in the excretory urogram] Tosch U, et al. **Digitale Bilddiagn** 1984 Sep;4(3):112-7 (Eng. Abstr.) **(Ger)**

[Late perforation after a colonic contrast medium enema] Vogel H, et al. **ROFO** 1985 Jan;142(1):106-7 **(Ger)**

THERAPY

What is the appropriate management of tissue extravasation by antitumor agents? Larson DL. **Plast Reconstr Surg** 1985 Mar;75(3):397-405

EXTRAVERSION (PSYCHOLOGY)

Extraversion and the EEG: I. An evaluation of Gale's hypothesis. O'Gorman JG. **Biol Psychol** 1984 Sep; 19(2):95-112

Extraversion and the EEG: II. A test of Gale's hypothesis. O'Gorman JG, et al. **Biol Psychol** 1984 Sep;19(2):113-36

Phenobarbitone and the relationship between extraversion and reinforcement in verbal operant conditioning. Gupta U. **Br J Psychol** 1984 Nov;75 (Pt 4):499-506

Face memory and hemispheric preference: emotionality and extraversion. Thompson WB, et al. **Brain Cogn** 1984 Jul; 3(3):239-48

Passive avoidance in syndromes of disinhibition: psychopathy and extraversion. Newman JP, et al. **J Pers Soc Psychol** 1985 May;48(5):1316-27

EXTREMITIES

Bone mineral content of limb bones of male weanling rats subjected to 30 and 60 days of simulated increases in body weight. Simon MR, et al. **Acta Anat (Basel)** 1985; 121(1):7-11

Response of osteosarcoma to preoperative intravenous high-dose methotrexate chemotherapy: CT evaluation. Mail JT, et al. **AJR** 1985 Jan;144(1):89-93

A prospective randomized study of regional extremity perfusion in patients with malignant melanoma. Ghussen F, et al. **Ann Surg** 1984 Dec;200(6):764-8

Advances in the treatment of sarcomas of the extremity. Current status of limb salvage. Eilber FR, et al. **Cancer** 1984 Dec 1;54(11 Suppl):2695-701 (52 ref.)

Limb-preserving radical surgery for malignant bone tumors. Nilsonne U. **Clin Orthop** 1984 Dec;(191):21-6

Consensus development summaries. Limb-sparing treatment of adult soft-tissue sarcomas and osteosarcomas. National Institutes of Health. **Conn Med** 1985 Aug;49(8):517-21

Evaluation of transport kinetics in lymphoscintigraphy: follow-up study in patients with transplanted lymphatic vessels. Kleinhans E, et al. **Eur J Nucl Med** 1985; 10(7-8):349-52

Angiosarcomas arising in edematous extremities: immunostaining for factor VIII-related antigen and ultrastructural features. Capo V, et al. **Hum Pathol** 1985 Feb;16(2):144-50

Independence of exercise hypocapnia and limb movement frequency in ponies. Forster HV, et al. **J Appl Physiol** 1984 Dec;57(6):1885-93

Evaluation of simultaneous teaching of extremities in gross anatomy program. Peppler RD, et al. **J Med Educ** 1985 Aug;60(8):635-9

Percutaneous transcatheter embolization of lesions of the extremities. Train JS, et al. **J Vasc Surg** 1984 Sep;1(5):710-7

Limb pain in childhood. Bowyer SL, et al. **Pediatr Clin North Am** 1984 Oct;31(5):1053-81 (120 ref.)

The significance of x-ray examinations of limb musculature in neuromuscular diseases with special regard to childhood diseases. Pálvölgyi R, et al. **Rontgenblatter** 1985 Jun; 38(6):186-9

[Interventional radiology: intravascular therapy of malignant tumors in the soft tissues of extremities] Benda K, et al. **Cesk Radiol** 1985 Mar;39(2):93-104 (Eng. Abstr.) **(Cz**

[Deep lipoma of the limbs. Apropos of 8 cases] Le Saout J, et al. **Ann Chir** 1984 Dec;38(9):667-72 (Eng. Abstr.) **(Fre)**

[Round cell liposarcoma. Histopathologic and ultrastructural study of a case developed within the framework of a lipomatosis] Vilmant R, et al. **Ann Pathol** 1984 Dec; 4(5):377-81 (Eng. Abstr.) **(Fre)**

[Sarcomas originating in the muscles of the limbs] Froment N, et al. **Arch Anat Cytol Pathol** 1984;32(4):230-4 (Eng. Abstr.) **(Fre)**

[Liposarcoma of the limbs] Oppermann A, et al. **Arch Anat Cytol Pathol** 1984;32(4):218-23 (Eng. Abstr.) **(Fre)**

[Results of the COSS-77 and COSS-80 studies on adjuvant chemotherapy in osteosarcoma of the extremities] Purfürst C, et al. **Klin Padiatr** 1985 May-Jun;197(3):233-8 (Eng. Abstr.) **(Ger)**

[New pediatric splint for fixation of the upper or lower extremities during venous infusion therapy] Miser O, et al. **Padiatr Padol** 1985;20(1):21-3 (Eng. Abstr.) (Ger)

[Comparison of x-ray and histological findings in osteosarcomas following preoperative chemotherapy] Sommer HJ, et al. **ROFO** 1985 Jul;143(1):74-82 (Eng. Abstr.) (Ger)

[Computed tomographic diagnosis of intramedullary lesions of the long tubular bones] Wagner-Manslau C, et al. **Rontgenpraxis** 1985 Mar;38(3):101-3 (Ger)

[Dye concentration measurements for the determination of leakage during and following normothermic cytostatic perfusion in the treatment of tumors of the extremities] Krauss J, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984;17(5):269-74 (Eng. Abstr.) (Ger)

[Syndrome of 'contracture facio-brachio-abdomino-crurale en flexion' in a case of isolated ACTH deficiency] Yabuki S, et al. **Rinsho Shinkeigaku** 1984 Jul;24(7):729-35 (Eng. Abstr.) (Jpn)

[Results of treatment of patients with soft tissue sarcomas following amputation] GuzhovVK. **Khirurgiia (Mosk)** 1985 Mar;(3):52-4 (Eng. Abstr.) (Rus)

[Basal cell epitheliomas of the extremities. Presentation of 16 cases] de Anda G, et al. **Med Cutan Ibero Lat Am** 1984; 12(5):390-4 (Eng. Abstr.) (Spa)

ABNORMALITIES

VACTERL-association. Czeizel A, et al. **Acta Morphol Hung** 1984;32(2):75-96

Vascular abnormalities in a fetus with multiple pterygia. Fitch N, et al. **Am J Med Genet** 1985 Aug;21(4):755-60

Similarity of effects--experimental hyperthermia as a teratogen and maternal febrile illness associated with oromandibular and limb defects. Superneau DW, et al. **Am J Med Genet** 1985 Jul;21(3):575-80

Lack of association between vitamin intake during early pregnancy and reduction limb defects. Aro T, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):433

Pena-Shokeir syndrome I (report of a case). Kozlowski K, et al. **Australas Radiol** 1985 Feb;29(1):57-9

Polymelia in a broiler chicken. Anderson WI, et al. **Avian Dis** 1985 Jan-Mar;29(1):244-5

Fractures and epiphyseal deformities in beta-thalassemia. Exarchou E, et al. **Clin Orthop** 1984 Oct;(189):229-33

The regeneration of newt limbs deformed in nature. Tsonis PA, et al. **Experientia** 1985 Jul 15;41(7):918-9

Vaginal spermicides, chromosomal abnormalities and limb reduction defects. Cordero JF, et al. **Fam Plann Perspect** 1983 Jan-Feb;15(1):16-8

Developmental view of the origination of limb malformations. II. Seichert V, et al. **Folia Morphol (Praha)** 1984;32(4):415-23

Review of a case with a rare heterotopic redundant limb. Watari S, et al. **Hiroshima J Med Sci** 1984 Jun;33(2):203-9

A multivariate analysis of the risk indicators of reduction limb defects. Aro T, et al. **Int J Epidemiol** 1984 Dec; 13(4):459-64

Prevention of thrombocytic defects in the br/br rabbit with folic acid and vitamin B12: analogy with the T.A.R. syndrome in humans. Boucher-Ehrensperger M, et al. **Int J Vitam Nutr Res** 1984;54(2-3):199-203

Thalidomide deformities and their nerve supply. McCredie J, et al. **J Anat** 1984 Oct;139 (Pt 3):397-410

Spontaneous lobster claw deformity in a silvery marmoset (Callithrix argentata). Pugsley SL. **Lab Anim** 1984 Oct; 18(4):388-9

Does isotretinoin cause limb reduction defects? [letter] Lammer EJ, et al. **Lancet** 1985 Aug 10;2(8450):328

Limb reduction deformities in child exposed to isotretinoin in utero on gestation days 26-40 only [letter] McBride WG. **Lancet** 1985 Jun 1;1(8440):1276

Unusual mullerian anomalies associated with distal extremity abnormalities. Bernhisel MA, et al. **Obstet Gynecol** 1985 Feb;65(2):291-4

Reduction limb defects in Finland. Aro T. **Prog Clin Biol Res** 1985;163C:95-7

Secular trends for congenital limb defects in South America. Castilla EE, et al. **Prog Clin Biol Res** 1985;163C:91-4

The association between limb anomalies and spatially-restricting uterine environments. Graham JM Jr. **Prog Clin Biol Res** 1985;163C:99-103

Cellular expression of a mutant gene (cmd/cmd) causing limb and other defects in mouse embryos. Kochhar DM. **Prog Clin Biol Res** 1985;163C:131-44

Limb defects: overview and recommendations. Lenz W. **Prog Clin Biol Res** 1985;163C:73-5

The development and classification of anomalies of the limbs in the human. O'Rahilly R. **Prog Clin Biol Res** 1985; 163C:85-90

Asymmetric limb malformations induced by drugs or mutant genes. Scott WJ Jr. **Prog Clin Biol Res** 1985;163C:111-3

The use of submerged limb culture and image analysis for evaluating retinoic acid-induced dose-related effects. Skalko RG, et al. **Prog Clin Biol Res** 1985;163C:115-20

Comparative teratogenic activities of two retinoids: effects on palate and limb development. Kochhar DM, et al. **Teratogenesis Carcinog Mutagen** 1984;4(4):377-87

Immediate and delayed effects of oligohydramnios on limb development in the rat: chronology and specificity. Houben JJ. **Teratology** 1984 Dec;30(3):403-11

Maternal factors in congenital limb-reduction defects. Polednak AP, et al. **Teratology** 1985 Aug;32(1):41-50

Muscle abnormalities associated with the twin reversed-arterial-perfusion (TRAP) sequence (acardia). Stephens TD. **Teratology** 1984 Dec;30(3):311-8

A postulated mechanism of beta-sympathomimetic induction of rib and limb anomalies in rat fetuses. Sterz H, et al. **Teratology** 1985 Jun;31(3):401-12

Variability in limb malformations and possible significance in the pathogenesis of an inherited congenital neuromuscular disease of Charolais cattle (syndrome of arthrogryposis and palatoschisis). Russell RG, et al. **Vet Pathol** 1985 Jan;22(1):2-12

Polymelia in a Hereford-cross calf. Johnston A. **Vet Rec** 1985 Jun 1;116(22):585-6

The Smith-Lemli-Opitz syndrome. A detailed pathological study as a clue to a etiological heterogeneity. Cherstvoy ED, et al. **Virchows Arch [A]** 1984;404(4):413-25

[Occurrence of the arachnomelia syndrome in Bavarian Brown-Swiss x Braunvieh breed population] Brem G, et al. **Berl Munch Tierarztl Wochenschr** 1984 Nov 1; 97(11):393-7 (Eng. Abstr.) (Ger)

[Pathological anatomy and histology as well as pathogenesis of leg thickness in piglets] Johannsen U, et al. **Zentralbl Allg Pathol** 1985;130(2):117-24 (Eng. Abstr.) (Ger)

[Micromelia associated with neuroleptics (letter)] Benati CJ. **Rev Paul Med** 1984 Jul-Aug;102(4):184 (Por)

ANATOMY & HISTOLOGY

Magnetic resonance imaging of the extremities. I. Technique for depiction of normal anatomy. Pettersson H, et al. **Acta Radiol [Diagn] (Stockh)** 1985 May-Jun;26(3):299-302

Limb bone allometry in primates: a test of the elastic similarity model. Steudel K. **Am J Phys Anthropol** 1984 Nov;65(3):323-8

Head and body imaging by hydrogen nuclear magnetic resonance. Bottomley PA, et al. **Magn Reson Imaging** 1982; 1(2):69-74

BLOOD SUPPLY

Autoregulation of capillary pressure and filtration rate in isolated rat hindquarters. Korthuis RJ, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H835-42

The Rhys-Davies exsanguinator. Rhys-Davies NC, et al. **Ann R Coll Surg Engl** 1985 May;67(3):193-5

Clinical features of vascular insufficiency in the limbs. Frawley JE. **Aust Fam Physician** 1984 Nov;13(11):812-6

Leiomyosarcomas of venous origin in the extremities. A correlated clinical, roentgenologic, and morphologic study with diagnostic and surgical implications. Berlin O, et al. **Cancer** 1984 Nov 15;54(10):2147-59

Effect of aspirin and indomethacin on exercise-induced changes in blood pressure and limb blood flow in normal volunteers. Cowley AJ, et al. **Cardiovasc Res** 1985 Mar; 19(3):177-80

Ultrasonic systolic blood pressure gradient between upper and lower limbs in normal term Chinese neonates. Ho TF, et al. **Clin Pediatr (Phila)** 1985 Mar;24(3):146-8

Is the feeling of cold extremities experienced by hypertensive patients due to their disease or their treatment? VandenBurg MJ, et al. **Eur J Clin Pharmacol** 1984; 27(1):47-9

Vascular emergencies in the emergency department. Axelrod JL. **J Am Osteopath Assoc** 1985 Mar;85(3):167-70

Peripheral blood flow during rewarming from mild hypothermia in humans. Savard GK, et al. **J Appl Physiol** 1985 Jan;58(1):4-13

Precapillary vessels and peripheral vascular ischemic disease. Verstraete M. **J Cardiovasc Pharmacol** 1984;6 Suppl 4:S720-4

Acute ischemia of the extremities in a metropolitan area during one year. Dryjski M, et al. **J Cardiovasc Surg (Torino)** 1984 Nov-Dec;25(6):518-22

Capital femoral epiphyseal infarction in skeletally immature broilers. Duff SR. **Res Vet Sci** 1984 Nov;37(3):303-9

Selection of patients for lumbar sympathectomy. Persson AV, et al. **Surg Clin North Am** 1985 Apr;65(2):393-403

Arterial injuries in extremity shotgun wounds: requisite factors for successful management. Roberts RM, et al. **Surgery** 1984 Nov;96(5):902-8

[In situ low-dose fibrinolysis in the treatment of ischemia of the limbs] Courtheoux P, et al. **Ann Radiol (Paris)** 1984 Dec;27(8):667-74 (Eng. Abstr.) (Fre)

[Arteriography with compression in arteriovenous malformations of the limbs] Melki JP, et al. **Ann Radiol (Paris)** 1984 Dec;27(8):729-30 (Eng. Abstr.) (Fre)

[Prognostic factors for amputation in arteritis] Andreu J, et al. **Cah Anesthesiol** 1985 Apr-May;33(3):223-7 (Fre)

[Atheromatous aneurysms and those caused by media dystrophy (the aorta and arteries of the limbs)] Loire R, et al. **J Mal Vasc** 1984;9(3):232-4 (Eng. Abstr.) (Fre)

[Microvascular consequences of low distal blood perfusion rates] Merlen JF. **J Mal Vasc** 1985;10 Suppl A:194-8 (Eng. Abstr.) (Fre)

[Traumatic vascular lesions. Radiological diagnosis—therapeutic consequences] Hendricks P, et al. **Radiologe** 1985 Jun;25(6):251-9 (Eng. Abstr.) (Ger)

[Capillary damage following freezing of the extremities, evaluated by fluorescence videomicroscopy] Baer HU, et al. **Schweiz Med Wochenschr** 1985 Apr 6;115(14):479-83 (Eng. Abstr.) (Ger)

[Our experience with embolism and acute arterial thrombosis of the extremities] Emanuelli G, et al. **Minerva Med** 1985 Mar 17;76(11):515-20 (Ita)

[Intra-arterial infusion of SNP for peripheral ischemia caused by acute ergotism] Kaji T, et al. **Rinsho Hoshasen** 1985 May;30(5):629-32 (Eng. Abstr.) (Jpn)

[Quantitative changes in liver dehydrogenase activity during temporary ischemia of the extremities and in the postischemic period] Mishnev OD, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):22-4 (Eng. Abstr.) (Rus)

[Quantitative evaluation of the severity of regional ischemia in injuries of the major vessels of the extremities] Kliachkin ML. **Khirurgiia (Mosk)** 1984 Oct;(10):16-21 (Eng. Abstr.) (Rus)

[Temporary blood vessel prosthesis in emergency surgery] Novikov IuV, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):5-10 (Eng. Abstr.) (Rus)

[Reconstructive surgery in acute ischemia of the extremities] Vakhidov VV, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):31-5 (Eng. Abstr.) (Rus)

[Rheology of the blood and thrombosis of the major arteries of the extremities] Aleksandrova NP, et al. **Klin Med (Mosk)** 1984 Jul;62(7):47-52 (Eng. Abstr.) (Rus)

[Metabolic disorders and functional properties of erythrocytes in acute arterial obstruction of the extremities] Kliachkin ML, et al. **Vestn Khir** 1984 Dec;133(12):37-9 (Eng. Abstr.) (Rus)

[Changes in myosin ATPase activity in skeletal muscle in acute ischemia of the extremities] Mishnev OD, et al. **Vrach Delo** 1984 Aug;(8):29-32 (Rus)

[Changes in the peripheral circulation in persons with hypertensive disease during a stay in the high mountains] Gavornik P, et al. **Bratisl Lek Listy** 1984 Sep;82(3):1112-20 (Eng. Abstr.) (Slo)

DRUG EFFECTS

Gangliosides stimulate protein synthesis, growth, and axon number of regenerating limb buds. Maier CE, et al. **J Comp Neurol** 1984 Dec 10;230(3):459-64

EMBRYOLOGY

Biosynthesis of type IX collagen during chick limb development. Kimura T, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):746-52

Problems in the development of pattern with special reference to positional information in limb morphogenesis. Wolpert L. **Biomed Biochim Acta** 1985;44(6):987-92

The vasculature and limb development. Caplan AI. **Cell Differ** 1985 Feb;16(1):1-11 (57 ref.)

The anatomy, ultrastructure and fluid dynamics of the developing vasculature of the embryonic chick wing bud. Drushel RF, et al. **Cell Differ** 1985 Feb;16(1):13-28

Ectoderm as a determinant of early tissue pattern in the limb bud. Solursh M. **Cell Differ** 1984 Nov;15(1):17-24 (61 ref.)

The relationship of nicotinamide adenine dinucleotide to the chondrogenic differentiation of limb mesenchymal cells. Midura RJ, et al. **Dev Biol** 1985 Sep;111(1):232-42

Alterations of lectin binding during chondrogenesis of mouse limb buds. Zimmermann B, et al. **Histochemistry** 1984; 81(4):353-61

Separation of precursor myogenic and chondrogenic cells in early limb bud mesenchyme by a monoclonal antibody. Sasse J, et al. **J Cell Biol** 1984 Nov;99(5):1856-66

Limb development in chick embryos: cyclic AMP-dependent protein kinase activity, cyclic AMP, and prostaglandin concentrations during cytodifferentiation and morphogenesis. Smales WP, et al. **J Cell Physiol** 1985 Feb; 122(2):259-65

Modulation of epidermal cell shaping and extracellular matrix during caudal fin morphogenesis in the zebra fish Brachydanio rerio. Dane PJ, et al. **J Embryol Exp Morphol** 1985 Jun;87:145-61

Acetylcholinesterase (AChE) and pseudocholinesterase (BuChE) activity distribution pattern in early developing chick limbs. Falugi C, et al. **J Embryol Exp Morphol** 1985 Apr;86:89-108

Histogenesis in 11-day mouse embryo limb buds explanted in organ culture. Milaire J, et al. **J Exp Zool** 1984 Nov; 232(2):359-77

The role of cholinergic nerves in development. McBride WG. **Prog Clin Biol Res** 1985;163C:127-30

Regulation of size and pattern and the effect of vitamin A in regeneration and development. Summerbell D, et al. **Prog Clin Biol Res** 1985;163C:121-5

Development of a mouse embryo limb bud cell culture system for the estimation of chemical teratogenic potential. Guntakatta M, et al. **Teratogenesis Carcinog Mutagen** 1984; 4(4):349-64

External examination of limb positions in near-term mouse fetuses: an experimental study and review of the literature published in Teratology. Pinto-Machado J. **Teratology** 1985 Jun;31(3):413-23 (55 ref.)

An in vitro assay for teratogens with cultures of rat embryo midbrain and limb bud cells. Flint OP, et al. **Toxicol Appl Pharmacol** 1984 Nov;76(2):383-95

[Mutant gene expression in mouse aggregation chimeras. 3. The brachypodism-H gene] Malinina NA, et al. **Ontogenez** 1984 Sep-Oct;15(5):514-21 (Eng. Abstr.) (Rus)

GROWTH & DEVELOPMENT

Effects of simulated increases in body weight from birth on the growth of limb bones in rats. Simon MR, et al. **Acta Anat (Basel)** 1985;121(1):12–6

Effects of simulated increases in body weight on the growth of limb bones in hypophysectomized rats. Simon MR, et al. **Acta Anat (Basel)** 1985;121(1):1–6

A longitudinal study of fetal limb growth. Jeanty P, et al. **Am J Perinatol** 1984 Jan;1(2):136–44

Genetic analysis of transdetermination in Drosophila. II. Transdetermination to wing of leg discs from a mutant which lacks wing discs. Wurst G, et al. **Dev Biol** 1984 Nov;106(1):147–55

INJURIES

Recreational softball injuries. Shesser R, et al. **Am J Emerg Med** 1985 May;3(3):199–202

Squamous cell carcinoma of the extremities. Lifeso RM, et al. **Cancer** 1985 Jun 15;55(12):2862–7

The radiologic diagnosis of subtle extremity injuries. Weissman BN. **Emerg Med Clin North Am** 1985 Aug;3(3):585–605 (49 ref.)

Quantitative assessment of distraction and angulation following long bone fracture. Sartoris DJ. **Invest Radiol** 1985 Mar–Apr;20(2):222–5

Army amputees from the Falklands—review. Groom AF, et al. **J R Army Med Corps** 1984 Jun;130(2):114–6

Sepsis in soft tissue limbs wounds in soldiers injured during the Falklands Campaign 1982. Jackson DS. **J R Army Med Corps** 1984 Jun;130(2):97–9

Extremity reconstruction using the free deltoid flap. Russell RC, et al. **Plast Reconstr Surg** 1985 Oct;76(4):586–95

[A follow–up of 130 cases of old diaphyseal fractures of the extremities with deformities treated with closed reduction] Mai SQ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jul;4(7):408–10 (Eng. Abstr.) **(Chi)**

[Use of free skin flap graft for acute injuries of extremities in emergency surgery] Cai LF. **Chung Hua Wai Ko Tsa Chih** 1984 May;22(5):297–8 (Eng. Abstr.) **(Chi)**

[Free composite tissue transplantation in injuries of the extremities] Zhou LR. **Chung Hua Wai Ko Tsa Chih** 1984 Oct;22(10):627–8, 640 (Eng. Abstr.) **(Chi)**

[A fixed dressing with a rubber sole for horses and cattle] Clemente CH. **Tierarztl Prax** 1984;12(3):289–91 (Eng. Abstr.) **(Ger)**

[Replantation surgery—specific problems, organization and results] Berge G, et al. **Zentralbl Chir** 1985;110(12):764–9 **(Ger)**

[Antibiotic prophylaxis in common wounds of the limbs] Reverberi S, et al. **Chir Organi Mov** 1984;69(1):65–70 (Eng. Abstr.) **(Ita)**

[Optimizing surgical tactics for treating injuries of the major arteries of the extremities based on predictions of the efficacy of the restorative surgery] Poluéktov LV, et al. **Kardiologiia** 1984 Aug;24(8):73–5 (Eng. Abstr.) **(Rus)**

[Traffic injuries of the extremities] Imamaliev AS, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):103–7 (Eng. Abstr.) **(Rus)**

[Anti–ischemic measures in severe injuries of the extremities at stages of medical evacuation] Babosha VA, et al. **Ortop Travmatol Protez** 1985 Jan;(1):8–11 (Eng. Abstr.) **(Rus)**

[Current methods of diagnosis and treatment of combined injuries of the organs of the abdominal cavity and bones of the extremities] Cherkes–Zade DI, et al. **Ortop Travmatol Protez** 1984 Sep;(9):1–5 (Eng. Abstr.) **(Rus)**

[Outcome of surgical treatment of frostbite of the extremities] Gogolev LS. **Ortop Travmatol Protez** 1985 Jan;(1):47–8 **(Rus)**

[Osteosynthesis using external fixation devices in the multiply injured] Trubnikov VF, et al. **Ortop Travmatol Protez** 1984 Sep;(9):5–8 (Eng. Abstr.) **(Rus)**

[Evaluation and prediction of the severity of ischemic disorders in injured extremities by a clinico–mathematic method] Malyshev NN, et al. **Vestn Khir** 1985 Jan;134(1):90–5 (Eng. Abstr.) **(Rus)**

[Personal experience in the treatment of osteomyelitis and infected fractures] Huraj E Sr, et al. **Acta Chir Orthop Traumatol Cech** 1985 Jun;52(3):201–11 (Eng. Abstr.) **(Slo)**

INNERVATION

Sexual dimorphism of pleopod motor neurons in lobster. Page CH. **Brain Res** 1985 Jul 22;339(1):154–7

The central morphology of mechanoreceptor afferents in the metathoracic leg of the cockroach, Periplaneta americana (Insecta). Collin SP. **J Neurobiol** 1985 Jul;16(4):269–82

Innervation of the limb accessory flexor muscle in several decapod crustaceans. I. Anatomy. Govind CK, et al. **J Neurobiol** 1985 Jul;16(4):317–28

Phase–dependent responses evoked in limb muscles by stimulation of medullary reticular formation during locomotion in thalamic cats. Drew T, et al. **J Neurophysiol** 1984 Oct;52(4):653–75

Disruption of fore– and hindlimb coordination during overground locomotion in cats with bilateral serial hemisection of the spinal cord. Kato M, et al. **Neurosci Res** 1984 Dec;2(1–2):27–47

[Late surgery on injured nerves of the extremities] Kokin GS, et al. **Zh Vopr Neirokhir** 1985 Jan–Feb;(1):51–4 (Eng. Abstr.) **(Rus)**

METABOLISM

Pharmacokinetics of melphalan in clinical isolation perfusion of the extremities. Briele HA, et al. **Cancer Res** 1985 Apr;45(4):1885–9

PATHOLOGY

Malignant fibrous histiocytoma of soft tissue. An analysis of 78 cases located and deeply seated in the extremities. Bertoni F, et al. **Cancer** 1985 Jul 15;56(2):356–67

Salmonellosis in an African elephant [letter] Scott WA. **Vet Rec** 1984 Oct 13;115(15):391

[Paraneoplastic acrokeratosis] Bazex A, et al. **Ann Med Interne (Paris)** 1984;135(8):658–61 (Eng. Abstr.) **(Fre)**

[Cases from the edema consultation] von Heyden D. **Z Lymphol** 1984 Jun;8(1):35–40 **(Ger)**

PHYSIOLOGY

Lack of cellular differentiation with neoplastic–like proliferation in the limbs of the newt Cynops pyrrhogaster. Tsonis PA, et al. **Anticancer Res** 1984 Jul–Oct;4(4–5):251–3

Leg movements of stick insects walking with five legs on a treadwheel and with one leg on a motor–driven belt. II. Leg coordination when step–frequencies differ from leg to leg. Foth E, et al. **Biol Cybern** 1985;51(5):319–24

Leg movements of stick insects walking with five legs on a treadwheel and with one leg on a motor–driven belt. I. General results and 1:1–coordination. Foth E, et al. **Biol Cybern** 1985;51(5):313–8

Retinoids and the control of pattern in regenerating limbs. Maden M. **Ciba Found Symp** 1985;113:132–55 (26 ref.)

Are limb development and limb regeneration both initiated by an integumentary wounding? A hypothesis. Borgens RB. **Differentiation** 1984;28(2):87–93

Interlimb coordination during stepping in the cat: the role of the dorsal spinocerebellar tract. English AW. **Exp Neurol** 1985 Jan;87(1):96–108

Multiple limb autotomy can trigger either ovarian growth or somatic growth in the freshwater crab, Paratelphusa hydrodromous (Herbst). Kurup KN, et al. **Gen Comp Endocrinol** 1984 Dec;56(3):433–43

Effect of change in limb position on mean electrical axis and amplitudes of QRS complex of rat electrocardiogram. Reddy LP, et al. **Indian J Physiol Pharmacol** 1984 Jan–Mar;28(1):27–34

Separation of wound healing from regeneration in the cockroach leg. Truby PR. **J Embryol Exp Morphol** 1985 Feb;85:177–90

Motor programme switching in the crayfish swimmeret system. Heitler WJ. **J Exp Biol** 1985 Jan;114:521–49

Temporal analysis of the role of growth hormone in the initiation and maintenance of limb regeneration in the hypophysectomized newt Notophthalmus viridescens. Landesman R, et al. **J Morphol** 1985 Mar;183(3):301–10

Neural control of hatching: fate of the pattern generator for the leg movements of hatching in post–hatching chicks. Bekoff A, et al. **J Neurosci** 1984 Nov;4(11):2659–66

A hierarchical polar coordinate model for epimorphic regeneration. Papageorgiou S. **J Theor Biol** 1984 Aug 21;109(4):533–54

Abnormal limb regeneration in adult newts exposed to the fungicide Maneb 80. A histological study. Zavanella T, et al. **J Toxicol Environ Health** 1984;13(4–6):735–45

[Homolateral imitative synkinesia—symptomatological study. Part 1: Homolateral imitative movement in normal children] Yamada T. **Rinsho Shinkeigaku** 1984 Aug;24(8):823–7 (Eng. Abstr.) **(Jpn)**

[2 theories of the loss and recovery of the regenerative capacity of the limbs in vertebrates] Polezhaev LV. **Izv Akad Nauk SSSR [Biol]** 1985 Mar–Apr;(2):219–29 (18 ref.) (Eng. Abstr.) **(Rus)**

[Roentgenometric and microroentgenographic evaluation of regional osteoporosis in a non–load–bearing extremity (experimental data)] Onoprienko A, et al. **Vestn Rentgenol Radiol** 1985 May–Jun;(3):41–5 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

[Electrophysiological aspects of 639 symptomatic extremities with carpal tunnel syndrome] Kimura I, et al. **Rinsho Shinkeigaku** 1984 Aug;24(8):806–12 (Eng. Abstr.) **(Jpn)**

[Homolateral imitative synkinesia—symptomatological study. Part 2: Homolateral imitative synkinesia in adult patients] Yamada T, et al. **Rinsho Shinkeigaku** 1984 Aug;24(8):828–38 (Eng. Abstr.) **(Jpn)**

RADIOGRAPHY

Computed tomography in localization of foreign bodies lodged in the extremities. Firooznia H, et al. **Comput Radiol** 1984 Jul–Aug;8(4):237–9

Computed tomography of benign angiomatous lesions of the extremities. Rauch RF, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1143–6

[Angiographic aspects of soft tissue tumors of the limbs (study of 17 cases)] Zakari S, et al. **Maroc Med** 1984 Dec;6(4):283–90 (Eng. Abstr.) **(Fre)**

RADIONUCLIDE IMAGING

[Radionuclide multicollector lymphography of the extremities] Sveshnikov AA, et al. **Med Radiol (Mosk)** 1984 Sep;29(9):9–15 (Eng. Abstr.) **(Rus)**

SURGERY

Free scapular flap for repair of soft tissue defects of extremities. Hong GX, et al. **Acta Acad Med Wuhan** 1985;5(2):116–9

Effect of fluorocarbon perfusion upon the preservation of amputated limbs. An experimental study. Usui M, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):473–7

Surgical management of selected patients with lymphedema of the extremities. Degni M. **J Cardiovasc Surg (Torino)** 1984 Nov–Dec;25(6):481–8

Perioperative blood transfusions are associated with increased rates of recurrence and decreased survival in patients with high–grade soft–tissue sarcomas of the extremities. Rosenberg SA, et al. **J Clin Oncol** 1985 May;3(5):698–709

An ischemia–induced model of revascularization failure of replanted limbs. Zdeblick TA, et al. **J Hand Surg [Am]** 1985 Jan;10(1):125–31

Consensus Conference. Limb–sparing treatment of adult soft–tissue sarcomas and osteosarcomas. **JAMA** 1985 Oct 4;254(13):1791–4

Limb salvage surgery for sarcomas: a good idea receives formal blessing [editorial] Benjamin RS. **JAMA** 1985 Oct 4;254(13):1795–6

Limb–sparing treatment of adult soft–tissue sarcomas and osteosarcomas. National Institutes of Health Consensus Development Conference Statement. **Nat Inst Health Consensus Dev Conf Consensus Statement** 1985;5(6):18 p.

[Treatment of cutaneous avulsion of the limbs. Apropos of 21 cases] Leviet D, et al. **Ann Chir Plast Esthet** 1985;30(2):161–5 (Eng. Abstr.) **(Fre)**

[Comparison of traditional and microsurgical methods in reconstructive surgery of the limbs] Egloff DV, et al. **Helv Chir Acta** 1985 Apr;52(1):107–12 (Eng. Abstr.) **(Fre)**

[Dynamics of morphofunctional changes in organs after limb reimplantation] Shumakov VI, et al. **Ortop Travmatol Protez** 1984 Sep;(9):33–7 (Eng. Abstr.) **(Rus)**

TRANSPLANTATION

Composite tissue (limb) allografts in rats. II. Indefinite survival using low–dose cyclosporine. Black KS, et al. **Transplantation** 1985 Apr;39(4):365–8

Composite tissue (limb) allografts in rats. I. Dose–dependent increase in survival with cyclosporine. Hewitt CW, et al. **Transplantation** 1985 Apr;39(4):360–4

EXTREMITIES, ARTIFICIAL see **ARTIFICIAL LIMBS**

EXUDATES AND TRANSUDATES

see related
ASCITIC FLUID
PERICARDIAL EFFUSION
PLEURAL EFFUSION

Intra–articular pressures and intraosseous pressure in the human knee and its implication for patello–femoral pain syndromes. An experimental study using simulated joint effusion. Hejgaard N. **Acta Orthop Belg** 1984;50(6):791–801

CT of retrorenal fluid collections. Love L, et al. **AJR** 1985 Jul;145(1):87–91

Comparison of overhead and cross–table lateral views for detection of knee–joint effusion. Singer AM, et al. **AJR** 1985 May;144(5):973–5

A rare intracranial complication of cholesterol granuloma. Brodie SW, et al. **J Laryngol Otol** 1985 May;99(5):491–5

The knee thrill: a sign of effusion [letter] Pinals RS. **J Rheumatol** 1984 Dec;11(6):866–7

ANALYSIS

Cefoxitin concentration in wound fluid. Bagley DH, et al. **Arch Surg** 1985 Jun;120(6):752–3

Use of fast protein liquid chromatography in the purification of inhibin from bovine follicular fluid. van Dijk S, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):307–14

Characterization of a 22 kDa protein with widespread tissue distribution but which is uniquely present in secretions of the testis and epididymis and on the surface of spermatozoa. Brooks DE. **Biochim Biophys Acta** 1985 Jul 26;841(1):59–70

Lipid composition of the secretion from human bronchial explant culture. Jozwiak Z, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):282–6

The mechanism of fluid secretion in the rabbit pancreas studied by means of various inhibitors. Kuijpers GA, et al. **Biochim Biophys Acta** 1984 Dec 5;778(2):324–31

A bioassay technique for prostaglandin–like activity in equine inflammatory exudate. Higgins AJ, et al. **Br Vet J** 1984 Nov–Dec;140(6):609–15

Influence of betamethasone on the composition of inflammatory exudate in the horse: a preliminary report. Lees P, et al. **Equine Vet J** 1984 Nov;16(6):539–41

More on ascitic fluid analysis [letter] Boakye A, et al. **Hepatology** 1985 May–Jun;5(3):525–6

Lipoprotein metabolism in the extravascular space

Cyclophosphamide inhibits modification of low-density lipoproteins in interstitial inflammatory fluid of the rabbit. Raymond TL, et al. **Inflammation** 1983 Sep;7(3):241-6

Direct modification of plasma low-density lipoproteins in interstitial inflammatory fluid of the rabbit. Raymond TL, et al. **Inflammation** 1984 Dec;8(4):337-42

Structures and concentrations of fifteen different steroid sulfates in human breast cyst fluids. Vanluchene E, et al. **J Steroid Biochem** 1984 Oct;21(4):367-71

Leukotriene B4, polymorphonuclear leukocytes and inflammatory exudates in the rat. Ford-Hutchinson AW, et al. **Prostaglandins** 1984 Jul;28(1):13-27

Transudative ascites with a high protein content. Case reports. Di Bisceglie AM, et al. **S Afr Med J** 1985 Jun 8;67(23):941-2

Detection of leukotriene B4 in equine inflammatory exudate. Higgins AJ, et al. **Vet Rec** 1984 Sep 15;115(11):275

[Early prognostic value of levels of 6 pancreatic enzymes in blood and peritoneal fluid in acute pancreatitis] Robert J, et al. **Helv Chir Acta** 1985 Jan;51(6):669-73 (Eng. Abstr.) **(Fre)**

[Detection of secretory immunoglobulin A (S-IgA) and secretory component (SC) in cystic fluids from ovarian tumors and ovarian cysts] Briese V, et al. **Arch Geschwulstforsch** 1985;55(3):197-202 (Eng. Abstr.) **(Ger)**

[Determination of extravascular lung water in critical patients: comparison with radiological, hemodynamic and functional lung findings] Laggner A, et al. **Schweiz Med Wochenschr** 1985 Feb 9;115(6):210-3 (Eng. Abstr.) **(Ger)**

[Glycosaminoglycans of the blister fluid in epidermolysis bullosa dystrophica] Nagata M. **Nippon Hifuka Gakkai Zasshi** 1984 Oct;94(11):1259-63 **(Jpn)**

CYTOLOGY

Controlled aspiration of subretinal fluid in the diagnosis of carcinoma metastatic to the choroid. Sternberg P Jr, et al. **Arch Ophthalmol** 1984 Nov;102(11):1622-5

The effects of the B16 malignant melanoma on induced inflammatory responses in host mice: inhibition of macrophage exudation. D'Arrigo WL, et al. **Cancer Lett** 1985 Aug;28(1):47-54

Identification of immunostimulatory dendritic cells in the synovial effusions of patients with rheumatoid arthritis. Zvaifler NJ, et al. **J Clin Invest** 1985 Aug;76(2):789-800

Delineation of nevus cell nests in inflammatory infiltrates by immunohistochemical staining for the presence of S100 protein. Penneys NS, et al. **J Cutan Pathol** 1985 Feb;12(1):28-32

Eosinophils in the cellular infiltrate of granuloma annulare. Silverman RA, et al. **J Cutan Pathol** 1985 Feb;12(1):13-7

Yellow hyaline membrane disease in neonates: clinical diagnosis by tracheal aspiration cytology. Doshi N, et al. **Pediatr Pathol** 1983 Apr-Jun;1(2):193-8

Backscatter electron imaging of cells from effusions. Halter SA, et al. **Scan Electron Microsc** 1984;(Pt 4):1883-92

[Cytological characteristics of surgical wound healing in miners] Kovalenko IV, et al. **Vrach Delo** 1985 May;(5):103-6 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Inhibition of PG production by MDL 035, a new non-steroidal non-acidic anti-inflammatory compound, in rat gastric mucosa and inflammatory exudate. Luzzani F, et al. **Pharmacol Res Commun** 1984 Aug;16(8):755-63

[Diuretic, antihyperazotemic and antiexudative activity of fresh and stored nephroton] Lambev I. **Eksp Med Morfol** 1984;23(4):210-5 (Eng. Abstr.) **(Bul)**

[Tympanometry under nitrous oxide anesthesia in cases of seromucous otitis] Coeckelenbergh A, et al. **Acta Otorhinolaryngol Belg** 1984;38(5):485-8 (Eng. Abstr.) **(Fre)**

ENZYMOLOGY

Some properties of luminal sucrase and sucrase-isomaltase complex in rat small intestine. Abe M, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Apr;31(2):243-52

Antifibrinolytic activity in middle ear effusion. Hamaguchi Y, et al. **ORL J Otorhinolaryngol Relat Spec** 1984;46(5):235-41

[Lysosomal enzyme activity in middle ear effusions] Hara A, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 May;87(5):596-602 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

[Bronchoalveolar immunoglobulins in sarcoidosis] Bauer W, et al. **Schweiz Med Wochenschr** 1985 Jan 19;115(3):103-5 (Eng. Abstr.) **(Ger)**

[Determination of total and specific IgE in nasal secretions] Maffezzoni E, et al. **Acta Otorhinolaryngol Ital** 1984 Nov-Dec;4(6):643-53 (Eng. Abstr.) **(Ita)**

METABOLISM

Polymorphous exudates and atypical mononuclear cells in the cerebrospinal fluid of patients with Sjögren's syndrome. de la Monte S, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):634-7

Four cases of 'Milwaukee shoulder,' with a description of clinical presentation and long-term treatment. Weiss JJ, et al. **J Am Geriatr Soc** 1985 Mar;33(3):202-5

Changes in functional ceruloplasmin concentrations of plasma and exudate and the effect of exogenous ceruloplasmin on the carrageenin-induced inflammation in rats. Nakagawa H, et al. **J Pharmacobiodyn** 1984 Oct;7(10):755-9

The metabolic behaviour of the lymphocytes from serous effusions in various benign internal diseases. Mihăilescu E, et al. **Med Interne** 1985 Apr-Jun;23(2):121-7

[Aminoglycoside levels in bronchial secretions] Mombelli G. **Schweiz Med Wochenschr** 1985 Jan 19;115(3):93-6 (Eng. Abstr.) **(Ger)**

[Study of cefoperazone in the field of obstetrics and gynecology. Susceptibility of clinical isolates to cefoperazone and cefoperazone concentrations in the exudate of the pelvic dead space] Cho N, et al. **Jpn J Antibiot** 1984 Sep;37(9):1607-19 (Eng. Abstr.) **(Jpn)**

MICROBIOLOGY

Rapid identification of penicillinase-producing Neisseria gonorrhoeae by detection of beta-lactamase in urethral exudates. Taylor DN, et al. **Lancet** 1985 Sep 21;2(8456):625-6

SECRETION

Intraluminal distension pressure on intestinal lymph flow, serosal transudation and fluid transport in the rat. Lee JS. **J Physiol (Lond)** 1984 Oct;355:399-409

EYE

see related
INTRAOCULAR PRESSURE
REFRACTION, OCULAR
VISION

Fire risks with ophthalmic ointments. Carpel EF, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):477-8

Cumulative index 1968-1983. American Journal of Optometry and Archives of the American Academy of Optometry (1968-1973) and American Journal of Optometry and Physiological Optics (1974-1983). **Am J Optom Physiol Opt** 1985 Jun;62(6 Suppl):1-99

Cumulative index, 1975-1984. **Arch Ophthalmol** 1985 Jul;103(7):979-1075

Ocular fluorophotometry. International symposium. Creteil, France, April 16-18, 1982. **Graefes Arch Clin Exp Ophthalmol** 1985;222(4-5):165-268

An improved method for restraining rabbits for examination of the eye. Maurice DM, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1220-1

Attention to eye contact opportunity and facial motion by three-month-old infants. Samuels CA. **J Exp Child Psychol** 1985 Aug;40(1):105-14

Mortician retrieval of donor globes. The Minnesota experience. Bonner T, et al. **Minn Med** 1984 Aug;67(8):449-54

Abstracts of the 25th meeting of the Association for Eye Research. Lund, Sweden, August 28-31, 1984. **Ophthalmic Res** 1985;17(4):189-206

Dehydration of post-mortem eyes for practice and experimental surgery. Swinger CA, et al. **Ophthalmic Surg** 1985 Mar;16(3):182-3

The eyes as a portal of entry for hepatitis and other infectious diseases. Cobo JC, et al. **Surg Gynecol Obstet** 1985 Jul;161(1):71

[Solutions for intraocular irrigation] Zhao JR. **Chung Hua Yen Ko Tsa Chih** 1985 May;21(3):166-9 **(Chi)**

[ETO, nonspecific stimulant as therapy for degenerative diseases of the eye] Kapuściński WJ, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:115-9 **(Fre)**

[A study of arterially perfused enucleated eye—drug effects on aqueous humor formation] Kodama T. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):239-46 (Eng. Abstr.) **(Jpn)**

[Technic of retrobulbar injection] Sergienko NM. **Oftalmol Zh** 1984;(8):501 **(Rus)**

[Determination of ethylmorphine chloride, pilocarpine chloride and tetracaine chloride in drops and ointments for the eye] Banović V, et al. **Vojnosanit Pregl** 1985 May-Jun;42(3):202-5 (Eng. Abstr.) **(Ser)**

ABNORMALITIES

Cerebro-ocular dysplasia-muscular dystrophy (COD-MD) syndrome. Towfighi J, et al. **Acta Neuropathol (Berl)** 1984;65(2):110-23

Ocular abnormalities in the fetal alcohol syndrome. Strömland K. **Acta Ophthalmol [Suppl] (Copenh)** 1985;171:1-50

Dup(3)(p2——pter) in two families, including one infant with cyclopia. Gimelli G, et al. **Am J Med Genet** 1985 Feb;20(2):341-8

Ocular findings in a new heritable syndrome of brain, eye, and urogenital abnormalities. Duker JS, et al. **Am J Ophthalmol** 1985 Jan 15;99(1):51-5

A cyclopian human embryo of 12 mm with single crystalline lens. Ruano-Gil D, et al. **Arch Ital Anat Embriol** 1983 Oct-Dec;88(4):311-21

Case of true cyclopia. Garzozi HJ, et al. **Br J Ophthalmol** 1985 Apr;69(4):307-11

A new syndrome with camptodactyly, joint contractures, facial anomalies, and skeletal defects: a case report and review of syndromes with camptodactyly. Rozin MM, et al. **Clin Genet** 1984 Oct;26(4):342-55

Multiple congenital ocular defects in the Akita dog. Laratta LJ, et al. **Cornell Vet** 1985 Jul;75(3):381-92

Histological study of eye malformations induced by cyclophosphamide in rat foetuses. Singh S, et al. **Indian J Med Res** 1984 May;79:684-90

Syndrome with oculo dento auriculo cerebral malformation. Bhattacherjee H. **Indian J Ophthalmol** 1984 May-Jun;32(3):185-6

Characterization of a reduced-eye mutant of the grasshopper, Melanoplus sanguinipes. Emery DJ, et al. **J Embryol Exp Morphol** 1984 Oct;83:189-211

Retinal detachment in the morning glory anomaly. Haik BG, et al. **Ophthalmology** 1984 Dec;91(12):1638-47

Improper interpretation of data concerning teratogenicity: a case report. Staples RE. **Prog Clin Biol Res** 1985;163C:161-3

Congenital ocular defects in food-producing animals. Leipold HW. **Vet Clin North Am [Large Anim Pract]** 1984 Nov;6(3):577-95 (126 ref.)

Congenital ocular disease in the foal. Munroe GA, et al. **Vet Clin North Am [Large Anim Pract]** 1984 Nov;6(3):519-37 (20 ref.)

Porcine ophthalmology. Vestre WA. **Vet Clin North Am [Large Anim Pract]** 1984 Nov;6(3):667-76 (33 ref.)

Ectopic lacrimal gland tissue in the globe of a cow. van der Linde-Sipman JS, et al. **Vet Pathol** 1984 Nov;21(6):613-4

[Ocular abnormalities in trisomy 21 syndrome] Qin M. **Chung Hua Yen Ko Tsa Chih** 1984 May;20(3):163-6 **(Chi)**

[Ocular lesions induced by saccharin and its pollutants in the rat fetus] Colson A, et al. **J Fr Ophtalmol** 1984;7(5):399-410 (Eng. Abstr.) **(Fre)**

[Oculocerebral anomalies in Walker's lissencephaly] Robain O, et al. **J Fr Ophtalmol** 1985;8(1):59-72 (Eng. Abstr.) **(Fre)**

[Cerebral and ocular abnormalities with anterior pituitary insufficiency of familial nature] Weill J, et al. **J Genet Hum** 1985 Jan;33(1):31-5 (Eng. Abstr.) **(Fre)**

[Oculo-mandibulo-facial syndrome] Stolovitch H, et al. **Harefuah** 1984 Dec 2;107(11):330-2 (Eng. Abstr.) **(Heb)**

[Ophthalmological findings in Aicardi syndrome—pitfalls in the differential diagnosis] Wijsenbeek J, et al. **Harefuah** 1985 Apr 1;108(7):336-8 (Eng. Abstr.) **(Heb)**

[Aicardi syndrome in one of dizygotic twins] Hattori H, et al. **No To Hattatsu** 1984 Jul;16(4):317-21 (Eng. Abstr.) **(Jpn)**

[3 cases of Goldenhar syndrome] Lisicka E. **Klin Oczna** 1984 Jun;86(6):273-4 (Eng. Abstr.) **(Pol)**

ANALYSIS

Inhibition of collagenase activity by extracts of bovine ocular tissues. Harper J, et al. **Curr Eye Res** 1985 Jul;4(7):803-6

Ocular tissues contain inhibitors of lymphocyte mitogenesis. Koker P, et al. **Curr Eye Res** 1985 Jul;4(7):807-10

Elevated levels of vasoactive intestinal peptide in the eye and urinary bladder of diabetic and prediabetic Chinese hamsters. Diani AR, et al. **Diabetologia** 1985 May;28(5):302-7

Effects of VIIth (facial) nerve degeneration on vasoactive intestinal polypeptide and substance P levels in ocular and orbital tissues of the rabbit. Butler JM, et al. **Exp Eye Res** 1984 Oct;39(4):523-32

Identification of putative neurotransmitters in the lizard parietal eye. Engbretson GA, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):670-8

Identification of melatonin in the compound eyes of an insect, the locust (Locusta migratoria), by radioimmunoassay and gas chromatography-mass spectrometry. Vivien-Roels B, et al. **Neurosci Lett** 1984 Aug 24;49(1-2):153-7

Use of high-performance liquid chromatography in the analysis of retinyl and 3,4-didehydroretinyl compounds in tissue extracts of bullfrog tadpoles and goldfish. Tsin AT, et al. **Vision Res** 1984;24(12):1835-40

[Synthesis of slow-reacting substance of anaphylaxis in ocular tissues] Fujiwara H. **Nippon Ganka Gakkai Zasshi** 1984 May;88(5):924-9 (Eng. Abstr.) **(Jpn)**

[Gold therapy and the eye] Köhlerová Z, et al. **Cesk Oftalmol** 1985 Jul;41(4):235-9 (Eng. Abstr.) **(Slo)**

ANATOMY & HISTOLOGY

Improved MR imaging of the orbit at 1.5 T with surface coils. Schenck JF, et al. **AJR** 1985 May;144(5):1033-6

The ratio of lens thickness to axial length for biometric standardization in angle-closure glaucoma. Markowitz SN, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):400-2

Orbital magnetic resonance imaging. Zimmerman RA, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):312-7

Positional effects on exophthalmometer readings in Graves' eye disease. Frueh BR, et al. **Arch Ophthalmol** 1985 Sep;103(9):1355-6

An intraocular lens formula for short, normal and long eyes. Donzis PB, et al. **CLAO J** 1985 Apr-Jun;11(2):95-8

A model of the mechanics of binocular alignment. Miller JM, et al. **Comput Biomed Res** 1984 Oct;17(5):436-70

On the development of ectopic eyes in Drosophila melanogaster produced by the mutation extra eye (ee).

Baker WK, et al. **Genetics** 1985 Sep;111(1):67-88

Photometric oculometry: a slit-lamp technique for determination of intraocular distances. Krogsaa B, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(4-5):212-4

A two-dimensional scanning ocular fluorophotometer. McLaren JW, et al. **Invest Ophthalmol Vis Sci** 1985 Feb; 26(2):144-52

Calculation of an IOL from the wide-angle optical model of the eye. Pomerantzeff O, et al. **J Am Intraocul Implant Soc** 1985 Jan;11(1):37-43

A comparison of immersion and contact techniques for axial length measurement. Shammas HJ. **J Am Intraocul Implant Soc** 1984 Fall;10(4):444-7

Regional specializations in the eye of Aplysia, a neuronal circadian oscillator. Herman KG, et al. **J Comp Neurol** 1984 Dec 20;230(4):593-613

Comparison of brain structure volumes in insectivora and primates. IV. Non-cortical visual structures. Stephan H, et al. **J Hirnforsch** 1984;25(4):385-403

Measurements of ocular coat dimensions by means of combined A- and B-scan ultrasonography. Guthoff R, et al. **Ophthalmic Res** 1984;16(6):289-91

Investigation of ultrasound axially traversing the human eye. Chivers RC, et al. **Ultrasound Med Biol** 1984 Mar-Apr; 10(2):173-88

Acoustic parameters of ocular tissues. Thijssen JM, et al. **Ultrasound Med Biol** 1985 Jan-Feb;11(1):157-61

[Prominence of eyeball and orbital distance in the Li and Miao nationalities on Hainan Island] Chen QL. **Chung Hua Yen Ko Tsa Chih** 1985 May;21(3):172-4 **(Chi)**

[An analysis of refraction and position of the eye among students with normal eye sight] Liu J. **Chung Hua Yen Ko Tsa Chih** 1984 Nov;20(6):352-4 **(Chi)**

[Atlas of head anatomy in the neuro-ocular plane] Tamraz J, et al. **J Fr Ophtalmol** 1984;7(5):371-9 (Eng. Abstr.) **(Fre)**

[Comparative axial biometry of the eye] Kuck H, et al. **Fortschr Ophthalmol** 1985;82(1):91-3 (Eng. Abstr.) **(Ger)**

[Biometric studies on the rabbit eye] Uthoff D. **Klin Monatsbl Augenheilkd** 1984 Sep;185(3):189-92 (Eng. Abstr.) **(Ger)**

[Patterns of the structural organization of the fibrous stroma of various human organs] Omel'ianenko NP. **Arkh Anat Gistol Embriol** 1984 Aug;87(8):65-73 (Eng. Abstr.) **(Rus)**

BLOOD SUPPLY

Constituents of connective tissue around the capillary of chick pecten oculi. Amemiya T. **Acta Anat (Basel)** 1985; 122(4):235-8

The role of increased lactic acid concentration in neovascularizations. Imre G. **Acta Morphol Hung** 1984; 32(2):97-103

Vasoactive intestinal polypeptide (VIP): effects in the eye and on regional blood flows. Nilsson SF, et al. **Acta Physiol Scand** 1984 Aug;121(4):385-92

Restriction to endogenous plasma proteins by a fenestrated capillary endothelium: an ultrastructural immunocytochemical study of the choriocapillary endothelium. Pino RM. **Am J Anat** 1985 Apr;172(4):279-89

Microvascular aspects of acquired immune deficiency syndrome retinopathy. Newsome DA, et al. **Am J Ophthalmol** 1984 Nov;98(5):590-601

Vascular casting and scanning electron microscopy of human ocular vascular abnormalities. Fryczkowski AW, et al. **Arch Ophthalmol** 1985 Jan;103(1):118-20

Ocular blood flow after experimental alkali burns and prostaglandin administration. Green K, et al. **Arch Ophthalmol** 1985 Apr;103(4):569-71

The pathogenesis of ocular vascular disorders. Garner A. **Aust J Ophthalmol** 1984 Nov;12(4):401-4

Chronic ocular ischaemia. Sturrock GD, et al. **Br J Ophthalmol** 1984 Oct;68(10):716-23

Blood flow in aphakic rabbit eyes after sub-chronic glaucoma drug treatment. Green K, et al. **Curr Eye Res** 1985 Jun; 4(6):667-70

The effect of retrobulbar epinephrine injection on ocular and optic nerve blood flow. Jay WM, et al. **Curr Eye Res** 1985 Jan;4(1):55-8

Effect of topical epinephrine and timolol on ocular and optic nerve blood flow in phakic and aphakic rabbit eyes. Jay WM, et al. **Curr Eye Res** 1984 Oct;3(10):1199-202

Forskolin suppresses sympathetic neuron function and causes ocular hypotension. Potter DE, et al. **Curr Eye Res** 1985 Feb;4(2):87-96

Ocular blood flow in phakic and aphakic monkey eyes. Caprioli J, et al. **Exp Eye Res** 1984 Jul;39(1):1-7

Comparative morphological studies on blood vessels in eyes of normotensive and spontaneously hypertensive rats. Funk R, et al. **Exp Eye Res** 1985 Feb;40(2):191-203

Ocular vasculitis in Behçet's disease. A pathological and immunohistochemical study. Mullaney J, et al. **Int Ophthalmol** 1985 Mar;7(3-4):183-91

Some aspects of the ocular circulation. Friedenwald lecture. Bill A. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):410-24

Control of ocular blood flow. Bill A, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 3:S96-102 (31 ref.)

Effects of ocular blood flow changes on the efferent activity of cat ciliary nerves. Gual A, et al. **Ophthalmic Res** 1985; 17(4):230-4

Optic disc structure in anterior ischemic optic neuropathy. Beck RW, et al. **Ophthalmology** 1984 Nov;91(11):1334-7

The effect of thermal mode Nd:YAG laser radiation on vessels and ocular tissues. Experimental and clinical findings. Fankhauser F, et al. **Ophthalmology** 1985 Mar; 92(3):419-26

ischemic optic neuropathy. Still the ophthalmologist's dilemma. Shults WT. **Ophthalmology** 1984 Nov; 91(11):1338-41

Chronic ocular ischemia and carotid vascular disease. Carter JE. **Stroke** 1985 Jul-Aug;16(4):721-8

Ocular pneumoplethysmography. Gee W. **Surv Ophthalmol** 1985 Jan-Feb;29(4):276-92 (38 ref.)

[Rheo-oculography of the normal eye] Song C. **Chung Hua Yen Ko Tsa Chih** 1985 Jan;21(1):39-43 **(Chi)**

[First images in numerized angiography of an intra-ocular neoformation (probable melanoma)] Abitbol Y, et al. **Bull Soc Ophtalmol Fr** 1984 Jan;84(1):11-3 **(Fre)**

[Extra-intracranial arterial anastomosis for carotid thrombosis: hemodynamic and functional recovery after prolonged ophthalmic ischemia] Sellem E, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1319-22 **(Fre)**

[Arterial occlusive diseases of the eye. Diagnostic contribution of Doppler sonography] Gloor B, et al. **Klin Monatsbl Augenheilkd** 1985 Mar;186(3):161-71 (Eng. Abstr.) **(Ger)**

[Status of the circulatory bed of the vascular membrane of the eyeball and retrobulbar structures during experimental venous stasis] Chemezov SV. **Arkh Anat Gistol Embriol** 1984 Oct;87(10):47-54 (Eng. Abstr.) **(Rus)**

[Topographo-anatomic characteristics of the arteries of the eye] Smirnov VG. **Arkh Anat Gistol Embriol** 1984 Aug; 87(8):97-102 (84 ref.) **(Rus)**

[Effect of several anticholinesterase agents on the permeability of ocular vessels in the rabbit] Pshenichnova AA. **Fiziol Zh SSSR** 1985 Jun;71(6):792-5 **(Rus)**

[Normal rheo-ophthalmographic data on dogs] Stepanov VS, et al. **Fiziol Zh SSSR** 1984 Dec;70(12):1697-9 **(Rus)**

[Effect of lithium hydroxybutyrate on intraocular pressure and the blood supply of ocular vessels] Kryzhanovskii GN, et al. **Oftalmol Zh** 1984;(6):366-9 (Eng. Abstr.) **(Rus)**

[Rheoophthalmography in hypothyroidism] Pestereva AA. **Oftalmol Zh** 1984;(3):172-4 (Eng. Abstr.) **(Rus)**

[Ophthalmosphygmography as a method of studying eye hemodynamics] Bunin AIa, et al. **Vestn Oftalmol** 1984 Nov-Dec;(6):61-3 (Eng. Abstr.) **(Rus)**

CYTOLOGY

Localization of substance P-like, leucine-enkephalin-like, methionine-enkephalin-like, and FMRFamide-like immunoreactivity in the eyestalk of the fiddler crab, Uca pugilator. Fingerman M, et al. **Cell Tissue Res** 1985; 241(3):473-7

Cell cycle time and life-span of cells in the mouse eye. Measurements during the postfetal period using repeated 3H-thymidine injections. Gloor BP, et al. **Dev Ophthalmol** 1985;12:70-129

Flat preparations of ocular structures. Gottlob I, et al. **Doc Ophthalmol** 1985 Apr 30;59(3):209-16

DRUG EFFECTS

Ocular effects of oral lithium in humans. Kaufman PL, et al. **Acta Ophthalmol (Copenh)** 1985 Jun;63(3):327-32

Ocular toxicity of intravitreally injected liposomal amphotericin B in rhesus monkeys. Barza M, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):259-63

Reactions induced by the concurrent use of thimerosal and tetracycline. Crook TG, et al. **Am J Optom Physiol Opt** 1983 Sep;60(9):759-61

Intravitreal expanding gas bubble. A morphologic study in the rabbit eye. Miller B, et al. **Arch Ophthalmol** 1984 Nov; 102(11):1708-11

Pilocarpine and acetylcholine synthesis [letter] Urtti AO, et al. **Arch Ophthalmol** 1985 Apr;103(4):477

The national registry of drug-induced ocular side effects. Fraunfelder FT, et al. **Aust J Ophthalmol** 1984 May; 12(2):129-31

Photodynamic therapy of intraocular tumors: examination of hematoporphyrin derivative distribution and long-term damage in rabbit ocular tissue. Gomer CJ, et al. **Cancer Res** 1985 Aug;45(8):3718-25

Marihuana-derived material: biochemical studies of the ocular responses. Green K, et al. **Curr Eye Res** 1985 May; 4(5):631-9

Studies on the effect of 4-methylpyrazole on methanol poisoning using the monkey as an animal model: with particular reference to the ocular toxicity. Blomstrand R, et al. **Drug Alcohol Depend** 1984 Jul;13(4):343-55

Intraocular pressure, ocular toxicity and neurotoxicity after administration of cannabinol or cannabigerol. Colasanti BK, et al. **Exp Eye Res** 1984 Sep;39(3):251-9

Endotoxin-induced ocular inflammation increases prostaglandin E2 synthesis by rabbit lens. Fleisher LN, et al. **Exp Eye Res** 1985 May;40(5):711-9

Inhibition of the acute ocular responses to nitrogen mustard by colchicine. Williams RN, et al. **Exp Eye Res** 1984 Dec; 39(6):721-9

Review on skin and mucous-membrane irritation tests and their application. Bosshard E. **Food Chem Toxicol** 1985 Feb; 23(2):149-54 (67 ref.)

Biopharmaceutical test of ocular irritation in the mouse. Etter JC, et al. **Food Chem Toxicol** 1985 Feb;23(2):321-3

Modification of the Draize eye test for the safety testing of cosmetics. Gloxhuber C. **Food Chem Toxicol** 1985 Feb; 23(2):187-8

Eye spy—the alternatives. Gray MA. **Food Chem Toxicol** 1984 Sep;22(9):783-5

Ocular tolerance assessment—integrated tier policy. Jackson J, et al. **Food Chem Toxicol** 1985 Feb;23(2):309-10

Toxicity of commercial products on cells in suspension culture: a possible screen for the Draize eye irritation test. Kemp RB, et al. **Food Chem Toxicol** 1985 Feb;23(2):267-

Distribution of eye irritation scores of industrial chemicals. Kobel W, et al. **Food Chem Toxicol** 1985 Feb;23(2):311-2

The chick embryo in toxicology: an alternative to the rabbit eye. Leighton J, et al. **Food Chem Toxicol** 1985 Feb; 23(2):293-8

Prediction of the eye irritation potential of shampoos using the in vitro SIRC cell toxicity test. North-Root H, et al. **Food Chem Toxicol** 1985 Feb;23(2):271-3

The in vitro assessment of eye irritancy using isolated eyes. Price JB, et al. **Food Chem Toxicol** 1985 Feb;23(2):313-5

An in vitro cytotoxicity test to predict the ocular irritation potential of detergents and detergent products. Scaife MC. **Food Chem Toxicol** 1985 Feb;23(2):253-8

The Draize test—motivations for change. Sharpe R. **Food Chem Toxicol** 1985 Feb;23(2):139-43

A battery of potential alternatives to the Draize test: uridine uptake inhibition, morphological cytotoxicity, macrophage chemotaxis and exfoliative cytology. Shopsis C, et al. **Food Chem Toxicol** 1985 Feb;23(2):259-66

Assessment of the validity of animal techniques in eye-irritation testing. Swanston DW. **Food Chem Toxicol** 1985 Feb;23(2):169-73

A more realistic animal technique for predicting human eye response. Walker AP. **Food Chem Toxicol** 1985 Feb; 23(2):175-8

Changing concepts of ocular irritation evaluation: pitfalls and progress. Williams SJ. **Food Chem Toxicol** 1985 Feb; 23(2):189-93

Study of ocular tissue changes, brain GABA and polyamine levels in rats exposed to carbon disulfide. Sefic M, et al. **G Ital Med Lav** 1984 May-Jul;6(3-4):127-9

Eye protection during sclerotherapy [letter] Kleinman MS, et al. **Gastrointest Endosc** 1984 Dec;30(6):375-6

Ocular hypotension, ocular toxicity, and neurotoxicity in response to marihuana extract and cannabidiol. Colasanti BK, et al. **Gen Pharmacol** 1984;15(6):479-84

Effects of S-596 and carteolol, new beta-adrenergic blockers, and flurbiprofen on the human eye: a fluorophotometric study. Araie M, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(4-5):259-62

The effects of prostaglandin F2 alpha in the human eye. Giuffrè G. **Graefes Arch Clin Exp Ophthalmol** 1985; 222(3):139-41

A study on the ocular and extraocular pharmacology of metipranolol. Sugrue MF, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(3):123-7

Effects of dexamethasone, progesterone, and testosterone on IOP and GAGs in the rabbit eye. Knepper PA, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1093-100

Acrylamide effects on the macaque visual system. I. Psychophysics and electrophysiology. Merigan WH, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):309-16

Potential systemic and ocular side effects associated with topical administration of timolol maleate. Trawick AB. **J Am Optom Assoc** 1985 Feb;56(2):108-12

Systemic and ocular effects of alpha 2-adrenergic stimulating and beta 2-blocking agents. Apponi-Battini G, et al. **J Med** 1984;15(2):126-34

A preliminary study on toxicity of diospyrol and oxidized diospyrol from Diospyros mollis Griff. (Maklua) in rabbits eyes. Pattanapanyasat K, et al. **J Med Assoc Thai** 1985 Feb;68(2):60-5

An indwelling cannula system for the primate eye. Miki K, et al. **J Neurosci Methods** 1985 May;13(3-4):267-79

Ocular toxicity of beta-blockers and benzalkonium chloride in pigmented rabbits: electrophysiological and morphological studies. Chou A, et al. **Jpn J Ophthalmol** 1985;29(1):13-23

Clinical observations of ocular quinine intoxication. Yospaiboon Y, et al. **Jpn J Ophthalmol** 1984;28(4):409-15

Clofazimine and the eye: preliminary communication. Negrel AD, et al. **Lepr Rev** 1984 Dec;55(4):349-52

Psoralens and ocular effects in humans. Glew WB, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:235-9

Psoralens and ocular effects in man and animals: in vivo monitoring of human ocular and cutaneous manifestations. Lerman S. **Natl Cancer Inst Monogr** 1984 Dec;66:227-33

Toxicity of intravitreal antiviral drugs. Pulido JS, et al. **Ophthalmic Surg** 1984 Aug;15(8):666-9

Ocular drug bioavailability from topically applied liposomes. Lee VH, et al. **Surv Ophthalmol** 1985 Mar-Apr; 29(5):335-48

Statistical consequences of reducing the number of rabbits utilized in eye irritation testing: data on 67 petrochemicals. DeSousa DJ, et al. **Toxicol Appl Pharmacol** 1984 Nov; 76(2):234-42

Opacity of bovine cornea in vitro induced by surfactants and industrial chemicals compared with ocular irritancy in vivo. Muir CK. **Toxicol Lett** 1985 Feb-Mar;24(2-3):157-62

Selective actions of barium on the c-wave and slow negative potential of the rabbit eye. Hu KG, et al. **Vision Res**

24(10):1153–6

[Pharmaco-toxicological aspects of ophthalmological medication] Cristea E. **Rev Chir [Oftalmol]** 1985 Apr–Jun; 29(2):135–40 **(Rum)**

[Toxic action of ricid-II on the eye] Riza LV, et al. **Gig Tr Prof Zabol** 1985 Mar;(3):50–2 **(Rus)**

EMBRYOLOGY

Developmental changes in the blood-ocular barriers in chicken embryos. Latker CH, et al. **Exp Eye Res** 1984 Oct; 39(4):401–14

Matrix-cytoskeletal interactions in the developing eye. Hay ED. **J Cell Biochem** 1985;27(2):143–56 (85 ref.)

[Compatibility of chick embryo eye anlagen with the ectoderm of the early amphibian gastrula in vitro] Mikhailov AT. **Ontogenez** 1984 Sep–Oct;15(5):542–7 (Eng. Abstr.) **(Rus)**

[Factors affecting the development of the eye in the fetus, the newborn infant and the child in the 1st year of life] Al'banskii VG, et al. **Vestn Oftalmol** 1984 Sep–Oct;(5):64–8 (135 ref.) **(Rus)**

ENZYMOLOGY

Glycolytic enzymes of human fetal and neonatal intraocular fluids. Gershbein LL. **Curr Eye Res** 1985 May;4(5):579–83

Kallikrein and kininases in ocular tissues. Igić R. **Exp Eye Res** 1985 Jul;41(1):117–20

Enzymatic activity of quinonoid dihydropterin reductase and tetrahydropterin content in human ocular tissues and senile cataracts. Rao GN, et al. **Exp Eye Res** 1985 Apr;40(4):601–7

Synthesis of docosahexaenoyl-, arachidonoyl- and palmitoyl-coenzyme A in ocular tissues. Reddy TS, et al. **Exp Eye Res** 1985 Jul;41(1):87–95

Age-related changes in the activities of the amine metabolizing enzymes of rat eye. Cao Danh H, et al. **J Pharm Pharmacol** 1985 May;37(5):357–61

[Immunohistologic localization of aldose reductase in the human eye by monoclonal antibodies] Jahn CE, et al. **Fortschr Ophthalmol** 1984;81(5):433–5 (Eng. Abstr.) **(Ger)**

[Proteinases in human eye tissue] Stančíková M, et al. **Cesk Oftalmol** 1984 Nov;40(6):329–34 (Eng. Abstr.) **(Slo)**

GROWTH & DEVELOPMENT

Refractive development of the human eye. Gordon RA, et al. **Arch Ophthalmol** 1985 Jun;103(6):785–9

Changes of refraction in schoolchildren. Mäntyjärvi MI. **Arch Ophthalmol** 1985 Jun;103(6):790–2

Developmental physiological optics and visual acuity: a brief review. Odom JV, et al. **Experientia** 1984 Nov 15; 40(11):1178–81 (56 ref.)

Effects of retinal image degradation on ocular growth in cats. Nathan J, et al. **Invest Ophthalmol Vis Sci** 1984 Nov; 25(11):1300–6

Increase in actin contents and elongation of apical projections in retinal pigmented epithelial cells during development of the chicken eye. Owaribe K, et al. **J Cell Biol** 1985 Aug;101(2):590–6

Callosal connections of the posterior neocortex in normal-eyed, congenitally anophthalmic, and neonatally enucleated mice. Olavarria J, et al. **J Comp Neurol** 1984 Dec 1;230(2):249–68

Ontogeny of the visual system in the cuttlefish, Sepiella japonica. I. Morphological differentiation of the visual cell. Yamamoto M. **J Comp Neurol** 1985 Feb 15;232(3):347–61

The distribution of fibres in the optic tract after contralateral translocation of an eye in Xenopus. Taylor JS, et al. **J Embryol Exp Morphol** 1985 Feb;85:225–38

IMMUNOLOGY

The repeatable artifact—a reality of science [editorial] Allansmith MR. **Am J Ophthalmol** 1985 Aug 15; 100(2):325–6

Ocular immune reactants in patients dying with systemic lupus erythematosus. Karpik AG, et al. **Clin Immunol Immunopathol** 1985 Jun;35(3):295–312

The ocular secretory immune system of the rat. Gudmundsson OG, et al. **Exp Eye Res** 1985 Feb;40(2):231–8

Antigen-antibody reactions in the eye involving complement binding IgG antibodies and their non-complement binding F(ab')2 fragments. Aron S, et al. **Immunol Commun** 1984; 13(4):325–35

Immunology of the ocular surface. Chandler JW. **Int Ophthalmol Clin** 1985 Summer;25(2):13–23

Mucosal immunity and the eye. Watt PJ, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 4):367–73

Immunologically mediated ocular disease in the horse. Hines MT. **Vet Clin North Am [Large Anim Pract]** 1984 Nov; 6(3):501–12 (47 ref.)

INNERVATION

Substance P-like immunoreactive nerves in the human eye. Stone RA, et al. **Arch Ophthalmol** 1985 Aug;103(8):1207–11

Interneuronal and glial-neuronal gap junctions in the lamina ganglionaris of the compound eye of the housefly, Musca domestica. Saint Marie RL, et al. **Cell Tissue Res** 1985; 241(1):43–52

Effects of timolol on intraocular pressure following ocular adrenergic denervation. Liu JH, et al. **Curr Eye Res** 1984 Sep;3(9):1113–7

Guinea-pig ocular nerves contain a peptide of the cholecystokinin/gastrin family [letter] Stone RA, et al. **Exp Eye Res** 1984 Sep;39(3):387–91

Distribution and origin of calcitonin gene-related peptide (CGRP) immunoreactivity in the sensory innervation of the mammalian eye. Terenghi G, et al. **J Comp Neurol** 1985 Mar 22;233(4):506–16

Purification of the chick eye ciliary neuronotrophic factor. Barbin G, et al. **J Neurochem** 1984 Nov;43(5):1468–78

Activity and the formation of ocular dominance patches in dually innervated tectum of goldfish. Boss VC, et al. **J Neurosci** 1984 Dec;4(12):2891–905

Eye-specific segregation requires neural activity in three-eyed Rana pipiens. Reh TA, et al. **J Neurosci** 1985 May;5(5):1132–43

Fluorescence microscopical study on fibre formation from carotid bodies from normal or dexamethasone-treated postnatal rats in intraocular transplants to adult rats. Päivärinta H, et al. **Med Biol** 1984;62(3):181–8

[Effect of sympathetic denervation on the outflow of intraocular fluid and the concentration of pyrocatechins in the fluids and tissues of the eye] Razumovskii MI, et al. **Fiziol Zh SSSR** 1985 Jun;71(6):719–23 (Eng. Abstr.) **(Rus)**

METABOLISM

Ocular distribution of topically applied adrenaline in albino and pigmented rabbits. Urtti A, et al. **Acta Ophthalmol (Copenh)** 1984 Oct;62(5):753–62

Histamine in the rabbit eye: distribution, synthesis, catabolism, and changes by light stimulation. Nowak JZ, et al. **Agents Actions** 1985 Apr;16(3–4):80–3

Topical fluorouracil. Pharmacokinetics in normal rabbit eyes. Fantes FE, et al. **Arch Ophthalmol** 1985 Jul;103(7):953–5

Nonstereospecific biosynthesis of 11-cis-retinal in the eye. Bernstein PS, et al. **Biochemistry** 1985 Jan 15;24(2):487–92

Physiological and pathobiological significance of ocular glycoproteins. I. Studies using fluorescein labelled glycine max. Ahmed AI, et al. **Br J Ophthalmol** 1985 Mar; 69(3):162–70

Ocular pharmacokinetics of subconjunctivally versus intravenously administered 6-mercaptopurine. Gudauskas G, et al. **Can J Ophthalmol** 1985 Apr;20(3):110–3

The enzymatic activities of GTP cyclohydrolase, sepiapterin reductase, dihydropteridine reductase and dihydrofolate reductase; and tetrahydrobiopterin content in mammalian ocular tissues and in human senile cataracts. Rao GN, et al. **Comp Biochem Physiol [B]** 1985;80(1):61–6

Conversion of retinol to 3,4-didehydroretinol in the tadpole. Tsin AT, et al. **Comp Biochem Physiol [B]** 1985; 81(2):415–21

International symposium on membrane transport mechanisms in the eye. Berlin, West Germany, September 26–29, 1984. **Curr Eye Res** 1985 Apr;4(4):309–529

Illuminating the black box: focus on membranes. Kinne R. **Curr Eye Res** 1985 Apr;4(4):309–16 (35 ref.)

Intraocular penetration of systemically administered antifungal agents. O'Day DM, et al. **Curr Eye Res** 1985 Feb;4(2):131–4

The application of patch clamp methods to ocular epithelia. Rae JL. **Curr Eye Res** 1985 Apr;4(4):409–20

Morphological evidence for the transfer of anionic macromolecules from the interior of the eye to the blood stream. Raviola G, et al. **Curr Eye Res** 1985 Apr; 4(4):503–16

An eye-derived growth factor regulates epithelial cell proliferation in the cultured lens. Arruti C, et al. **Differentiation** 1985;28(3):286–90

Does the amphibian eye have an ocular oxygen-concentrating mechanism? Toews DP, et al. **Exp Biol** 1985;43(3):179–82

The penetration of detergents into adult and infant eyes: possible hazards of additives to ophthalmic preparations. Clayton RM, et al. **Food Chem Toxicol** 1985 Feb; 23(2):239–46

Effects of time, photoperiod, and pinealectomy on ocular and plasma melatonin concentrations in the chick. Osol G, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):415–20

Melatonin rhythms in the eyes, pineal bodies, and blood of Japanese quail (Coturnix coturnix japonica). Underwood H, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):70–81

Quantitation and immunohistochemistry of catecholamines in the posterior segment of the eye. Ehinger B, et al. **Histochemistry** 1985;82(5):435–9

Absorption of acetylcholine in the intestine & the eye. Govinda Das D, et al. **Indian J Med Res** 1984 Aug; 80:237–41

The incorporation of selenium and ytterbium into the eyes of mice. Samochocka K, et al. **Int J Appl Radiat Isot** 1984 Dec;35(12):1134–5

Photobinding of 3H 8-methoxypsoralen to monkey intraocular tissues. Lerman S, et al. **Invest Ophthalmol Vis Sci** 1984 Nov;25(11):1267–74

Biosynthesis of neopterin, sepiapterin, and biopterin in rat and human ocular tissues. Rao GN, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):768–70

Ocular and systemic bioavailability of ophthalmic flurbiprofen. Tang-Liu DD, et al. **J Pharmacokinet Biopharm** 1984 Dec;12(6):611–26

Distribution of oxytetracycline into ocular tissues and tears of calves. George LW, et al. **J Vet Pharmacol Ther** 1985 Mar;8(1):47–54

Studies of human tear proteins. 3. Distribution of specific tear prealbumin in lacrimal glands and other ocular adnexa. Inada K. **Jpn J Ophthalmol** 1984;28(4):315–30

Release of slow reacting substance from rabbit ocular tissues. Kin K. **Jpn J Ophthalmol** 1984;28(3):263–73

Quantitative assessment of ocular norepinephrine concentration in the rabbit using liquid chromatography with electrochemical detection. Gherezghiher T, et al. **Ophthalmic Res** 1985;17(2):65–71

Epidermal growth factor in mouse ocular tissue: effects of thyroxine and exogenous epidermal growth factor. Lakshmanan J, et al. **Pediatr Res** 1985 Mar;19(3):315–9

Penetration of ceftazidime into the normal rabbit and human eye. Walstad RA, et al. **Scand J Infect Dis [Suppl]** 1985; 44:63–7

Accumulation of cadmium by the eye with special reference to the lens. Grubb BR, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):444–50

In vivo effects of snake venoms on passive and facilitated glucose transport across blood-ocular and blood-CSF barriers of the rat. DiMattio J, et al. **Toxicon** 1985; 23(1):63–71

[Uptake of 75Se-selenite by ocular tissues in laboratory rats] Babický A, et al. **Cesk Oftalmol** 1985 May;41(3):190–5 (Eng. Abstr.) **(Cze)**

[Deposition of 3H-8-MOP in the eye and skin by PUVA therapy] Grüntzig J, et al. **Fortschr Ophthalmol** 1985; 82(3):228–30 (Eng. Abstr.) **(Ger)**

[Animal research on determining the antibiotic concentration of eye tissues and the aqueous humor. I. Gentamicin and doxycycline] Pervanidis A, et al. **Fortschr Ophthalmol** 1985; 82(1):117–21 (Eng. Abstr.) **(Ger)**

[Intraocular penetration of systemically administered cephalosporins under steady-state conditions in animal experiments] Völker B, et al. **Ophthalmologica** 1985; 191(1):29–34 (Eng. Abstr.) **(Ger)**

[Microbiologic determination of tonsil and ocular levels of josamycin in hospitalized patients] Carlone NA, et al. **G Ital Chemioter** 1982;29 Suppl 1:77–83 (Eng. Abstr.) **(Ita)**

[Ocular tissue distributions of befunolol hydrochloride, a beta-adrenergic blocking agent, after intravitreous or subconjunctival injection into the albino and pigmented rabbits] Ishii Y, et al. **Nippon Ganka Gakkai Zasshi** 1984 Oct;88(10):1278–86 (Eng. Abstr.) **(Jpn)**

[Interaction of oxygen anion radicals with eye melanins and ommochromes] Lapina VA, et al. **Dokl Akad Nauk SSSR** 1985;280(6):1463–5 **(Rus)**

[Selenium content and glutathione peroxidase activity in human eye tissues in diabetes] Alieva ZA, et al. **Vestn Oftalmol** 1985 May–Jun;101(3):35–8 (Eng. Abstr.) **(Rus)**

[Cyclic nucleotides in experimental uveitis] Panchenko LF, et al. **Vopr Med Khim** 1985 Jan–Feb;31(1):82–5 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Experimental evaluation of chlorhexidine gluconate for ocular antisepsis. Hamill MB, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):793–6

Spontaneous ocular shedding of HSV-1 in latently infected rabbits. Berman EJ, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):587–90

Pathways of the early propagation of virulent and avirulent rabies strains from the eye to the brain. Kučera P, et al. **J Virol** 1985 Jul;55(1):158–62

Microbiology of the equine eye in health and disease. Whitley RD, et al. **Vet Clin North Am [Large Anim Pract]** 1984 Nov;6(3):451–66 (38 ref.)

Bacterial population of the eyes of slaughter cattle. Barber DM. **Vet Rec** 1984 Aug 25;115(8):169

PATHOLOGY

Pathology of intraocular lens implantation. Paulo Foundation International Symposium, 18 May, 1984, Helsinki, Finland. **Acta Ophthalmol [Suppl] (Copenh)** 1985;170:1–72

Histopathological changes in eyes following intraocular lens implantation (IOL). Preliminary study of a Danish and Swedish material. Jensen OA, et al. **Acta Ophthalmol [Suppl] (Copenh)** 1985;170:50–3

Wegener's granulomatosis with destructive ocular manifestations. Koyams T, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):736–40

Choroiditis in infantile periarteritis nodosa. Googe JM Jr, et al. **Arch Ophthalmol** 1985 Jan;103(1):81–3

Intraocular cannula for continuous, chronic drug delivery. Histopathologic observations and function. Miki K, et al. **Arch Ophthalmol** 1985 May;103(5):712–7

Untreated Hansen's disease of the eye: a clinicopathological report. Robertson I, et al. **Aust J Ophthalmol** 1984 Nov; 12(4):335–9

Histopathological findings in necropsy eyes with intraocular lenses. McMahon MS, et al. **Br J Ophthalmol** 1985 Jun; 69(6):452–8

Ocular melanin pigmentation anomalies in cats, cattle, mink, and mice with Chediak-Higashi syndrome: histologic observations. Collier LL, et al. **Curr Eye Res** 1984 Oct; 3(10):1241–51

Ability of in vitro (corneal injury—eye organ—and chorioallantoic membrane) tests to represent histopathological features of acute eye inflammation. Parish WE. **Food Chem Toxicol** 1985 Feb;23(2):215-27

Keratoma malignum, a skin disorder with ocular lesions. Bhattacharjee H. **Indian J Ophthalmol** 1984 Mar-Apr; 32(2):99-100

Chronic ophthalmic Wegener's granulomatosis. Coppeto JR, et al. **J Clin Neuro Ophthalmol** 1985 Mar;5(1):17-25

Coats' disease: a study of 62 histologically confirmed cases. Chang MM, et al. **J Pediatr Ophthalmol Strabismus** 1984 Sep-Oct;21(5):163-8

Mucolipidosis I: ocular signs in three sisters. Carta F, et al. **Metab Ophthalmol** 1984-85;8(1):21-5

Ocular findings in incontinentia pigmenti. Rosenfeld SI, et al. **Ophthalmology** 1985 Apr;92(4):543-6

Ocular manifestations of the neurocutaneous syndromes. Greenwald MJ, et al. **Pediatr Dermatol** 1984 Oct; 2(2):98-117

Intraocular lenses. Histopathologic characteristics of a large series of autopsy eyes. Champion R, et al. **Surv Ophthalmol** 1985 Jul-Aug;30(1):1-32

Correlation of ocular rigidity and blue sclerae in osteogenesis imperfecta. Kaiser-Kupfer MI, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):191-5

Ocular lesions of bovine malignant catarrhal fever. Whiteley HE, et al. **Vet Pathol** 1985 May;22(3):219-25

[Morphological changes of the eye in highland polycythemia] Yin SG. **Chung Hua I Hsueh Tsa Chih** 1984 Jun; 64(6):389-91 **(Chi)**

[Histopathologic findings in human eyes after couching and couching-snaring] Bi JQ. **Chung Hua Yen Ko Tsa Chih** 1984 Sep;20(5):271-3 **(Chi)**

[Ocular changes due to hyperlipemia in experimental rabbits] Zhang L. **Chung Hua Yen Ko Tsa Chih** 1984 May; 20(3):156-8 **(Chi)**

[Clinical findings following a 32-year wearing time of a Ridley artificial lens] Uthoff D. **Klin Monatsbl Augenheilkd** 1985 May;186(5):374-6 (Eng. Abstr.) **(Ger)**

[Morphological analysis of the reasons for enucleating the eye following cataract extraction with intraocular lens implantation] Fedorov SN, et al. **Vestn Oftalmol** 1984 Sep-Oct;(5):21-5 (Eng. Abstr.) **(Rus)**

[Pathogenetic approach to the treatment of posttraumatic subatrophy of the eye] Verigo EN, et al. **Vestn Oftalmol** 1985 May-Jun;101(3):26-30 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Alternation of EEG alpha and non-alpha periods does not differ in open and closed eye condition in darkness. Bohdanecky Z, et al. **Acta Neurobiol Exp (Warsz)** 1984; 44(5):229-32

Binocular interaction in the VEP to grating stimulation. II. Spatial frequency effects. Jakobsson P, et al. **Acta Ophthalmol (Copenh)** 1985 Jun;63(3):290-6

Visual system emmetropia. Kedzia B. **Am J Optom Physiol Opt** 1985 Jul;62(7):463-9

Influence of field size on the spectral sensitivity of the eye in the photopic and mesopic range. Kokoschka S, et al. **Am J Optom Physiol Opt** 1985 Feb;62(2):119-26

Pressure and volume measurements from the eye for detecting possible arterial obstruction. McRae LP, et al. **Ann Biomed Eng** 1984;12(1):63-78

The eye as a peripheral sensor. Isenberg S, et al. **Ann Ophthalmol** 1984 Dec;16(12):1105-8

Ophthalmic response to inverted posture [letter] Plocher DW. **Arch Ophthalmol** 1985 Jun;103(6):762-3

Audio-ocular response: saccadic programming. Traccis S, et al. **Aviat Space Environ Med** 1984 Aug;55(8):735-9

Spatial information capacity of eyes: roles of Na+ channels and photon noise in photoreceptor. Gupta BD. **Biol Cybern** 1984;50(6):395-400

Ocular dominance, reading, and spelling ability in schoolchildren. Newman SP, et al. **Br J Ophthalmol** 1985 Mar;69(3):228-32

Projections from the functional subdivisions of the frontal eye field to the superior colliculus in the monkey. Komatsu H, et al. **Brain Res** 1985 Feb 18;327(1-2):324-7

Survival of early monocular deprivation effects in cortical cells of kittens following prolonged dark rearing. Yinon U, et al. **Brain Res** 1984 Sep;318(1):135-46

Ageing of the collagenous layer in Bruch's membrane of the teleost Poecilia reticulata. Ennis S, et al. **Cell Biol Int Rep** 1984 Nov;8(11):902

'Normal' and 'abnormal' crossed asymmetry in monocular visual evoked potentials. Verma NP, et al. **Clin Electroencephalogr** 1985 Apr;16(2):77-82

Experimental investigations of intraocular eicosanoids: cultured human trabecular cells and laser photocoagulation of the rabbit iris. Weinreb RN, et al. **Curr Eye Res** 1985 Mar;4(3):281-90

The accuracy of fixation in lateral gaze and the problem of retinal slip. Crone RA. **Doc Ophthalmol** 1984 Aug 15; 58(1):65-9

Yellow intraocular filters in fishes. Heinermann PH. **Exp Biol** 1984;43(2):127-47 (43 ref.)

Combined grafts of the ventral tegmental area and nucleus accumbens in oculo. Histochemical and electrophysiological characterization. Olson L, et al. **Exp Brain Res** 1985;59(2):325-37

Quantitative and morphological studies on developing optic axons in normal and enucleated albino rats. Sefton AJ, et al. **Exp Brain Res** 1984;57(1):107-17

Depression and recovery of metabolic activity in rat visual system after eye removal. Cooper RM, et al. **Exp Neurol** 1985 Aug;89(2):322-36

Learning and interocular transfer of visual discriminations by goldfish with retinotectal compression. Dunn-Meynell AA, et al. **Exp Neurol** 1985 Jun;88(3):696-713

Effects of eyestalk removal on cholesterol uptake and ecdysone secretion by crab (Cancer antennarius) Y-organs in vitro. Watson RD, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):360-70

Biosynthesis of ecdysteroids from cholesterol by crab Y-organs, and eyestalk suppression of cholesterol uptake and secretory activity, in vitro. Watson RD, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):140-8

Sensitivity of the human eye to power frequency electric fields. Carstensen EL, et al. **IEEE Trans Biomed Eng** 1985 Aug;32(8):561-5

Nonspecific defense mechanisms of the eye. Thygeson P. **Int Ophthalmol Clin** 1985 Summer;25(2):1-11

The development of eye alignment in normal and naturally microstrabismic kittens. Schoppmann A, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):350-8

The relationship between binocular rivalry and strabismic suppression. Smith EL 3d, et al. **Invest Ophthalmol Vis Sci** 1985 Jan;26(1):80-7

Large deformation mechanics of the enucleated eyeball. Taber LA. **J Biomech Eng** 1984 Aug;106(3):229-34

Photoperiod perception in the blind mole rat (Spalax ehrenbergi, Nehring): involvement of the Harderian gland, atrophied eyes, and melatonin. Pevet P, et al. **J Exp Zool** 1984 Oct;232(1):41-50

Recovery of the ipsilateral oculotectal projection following nerve crush in the frog: evidence that retinal afferents make synapses at abnormal tectal locations. Adamson J, et al. **J Neurosci** 1984 Oct;4(10):2635-49

Cyclic guanosine 3':5'-monophosphate mimics the effects of light on a circadian pacemaker in the eye of aplysia. Eskin A, et al. **J Neurosci** 1984 Oct;4(10):2466-71

The complete pattern of ocular dominance stripes in the striate cortex and visual field of the macaque monkey. LeVay S, et al. **J Neurosci** 1985 Feb;5(2):486-501

Accommodation-dependent model of the human eye with aspherics. Navarro R, et al. **J Opt Soc Am [A]** 1985 Aug; 2(8):1273-81

Objective technique for the determination of monochromatic aberrations of the human eye. Walsh G, et al. **J Opt Soc Am [A]** 1984 Sep;1(9):987-92

Ocular manifestations of gravity inversion. Friberg TR, et al. **JAMA** 1985 Mar 22-29;253(12):1755-7

Effects of stimulus contrast on binocular VER. Katsumi O, et al. **Jpn J Ophthalmol** 1984;28(4):401-8

Water flow in Tenon's capsule and subconjunctival tissue of rabbit. Shimizu K, et al. **Jpn J Ophthalmol** 1984; 28(3):274-88

The finite element method--a new approach to determination of heat flow in the eye shown in an example of cryotherapy--preliminary report. Służalec A Jr, et al. **Jpn J Ophthalmol** 1985;29(1):24-30

Photoreceptor damage and eye pigmentation: influence on the sensitivity of rat pineal N-acetyltransferase activity and melatonin levels to light at night. Webb SM, et al. **Neuroendocrinology** 1985 Mar;40(3):205-9

Measurement of the axial wavefront aberration of the human eye. Walsh G, et al. **Ophthalmic Physiol Opt** 1985; 5(1):23-31

Functional organization of the cat's visual cortex after prenatal interruption of binocular interactions. Shook BL, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3901-5

Interocular transfer and dark adaptation to long-wave test lights. Auerbach E, et al. **Vision Res** 1984;24(9):1043-8

Light transmittance by goldfish eyes of different sizes. Bassi CJ, et al. **Vision Res** 1984;24(10):1415-9

A schematic eye for the mouse, and comparisons with the rat. Remtulla S, et al. **Vision Res** 1985;25(1):21-31

Eye position during fixation tasks: comparison of macaque and human. Snodderly DM, et al. **Vision Res** 1985; 25(1):83-98

[Computer science and visual electrophysiology] Grall Y. **Bull Soc Ophtalmol Fr** 1984 Nov;Spec No:83-90 **(Fre)**

[The 89th congress of the Japanese Ophthalmological Society, Kyoto, May 16-18, 1985. Abstracts] **Nippon Ganka Gakkai Zasshi** 1985 Apr;89 Suppl:1-224 **(Jpn)**

[Eye function in metallurgists in the shops of the Kuznetsk Metallurgical Combine] Abramova IN, et al. **Oftalmol Zh** 1984;(4):239-41 **(Rus)**

[Visual analyzer function of children studying from the age of 6 in the preparatory grades of the general education schools of Rostov-on-Don] Sutiagina OV, et al. **Oftalmol Zh** 1984;(3):133-5 (Eng. Abstr.) **(Rus)**

[Nuclear gamma resonance method in studying eyeball pulsations] Astakhov IuS, et al. **Vestn Oftalmol** 1984 Sep-Oct;(5):54-7 (Eng. Abstr.) **(Rus)**

[Effect of Tenon's capsule on the formation and functioning of a postoperative fistula] Kolesnikova LN, et al. **Vestn Oftalmol** 1984 Sep-Oct;(5):13-5 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Lagophthalmos in acquired oculomotor synkinesis. Safran AB, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):747-50

Clinical measures of visual function in familial retinitis pigmentosa. Williams TD, et al. **Am J Optom Physiol Opt** 1985 Jan;62(1):45-51

Primary biliary cirrhosis, dark adaptometry, electro-oculography, and vitamin A state. Shepherd AN, et al. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1484-5

Cluster headache in a patient without a ipsilateral eye. Prusinski A, et al. **Headache** 1985 May;25(3):134-5

Use of oculopneumoplethysmography (OPG-Gee) following carotid endarterectomy. Ricotta JJ, et al. **J Vasc Surg** 1985 May;2(3):415-8

Computer analysis of ocular results following selective blockade of growth-hormone in diabetic retinopathy. A collaborative study. Schaub C, et al. **Metab Ophthalmol** 1984-85;8(1):35-42

[Functional changes in the visual analyzer of female personnel in quality control of ampules] Kolcheva V, et al. **Probl Khig** 1984;9:9-16 (Eng. Abstr.) **(Bul)**

[Ocular dominance in strabismus] Cernea P, et al. **Rev Chir [Oftalmol]** 1985 Jan-Mar;29(1):27-34 (Eng. Abstr.) **(Rum)**

[Bioelectrical, biochemical and histomorphological changes in the ocular tissues in pituitrin hypertension and the use of euphylline and papaverine] Strelkova NF, et al. **Farmakol Toksikol** 1984 Nov-Dec;47(6):53-6 (Eng. Abstr.) **(Rus)**

[Dynamics of the anatomico-optical parameters of the eye in schoolchildren with initial myopia] Ul'danov GA, et al. **Oftalmol Zh** 1984;(5):313-7 **(Rus)**

[Eye function in elderly persons with thyroid dysfunction] Venger PL, et al. **Oftalmol Zh** 1984;(8):504-5 **(Rus)**

[Optical aberrations of the eye in keratoconus] Abugova TD, et al. **Vestn Oftalmol** 1985 Jan-Feb;101(1):36-9 (Eng. Abstr.) **(Rus)**

[Function of the other eye in patients with an acute attack of primary glaucoma] Fedorova SM. **Vestn Oftalmol** 1984 Sep-Oct;(5):10-2 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Infrared radiation and cataract. III. Differences between the two eyes of glass workers. Lydahl E, et al. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):39-44

Alterations to eye structures in hairless mice by long-term ultraviolet irradiation. A histopathological study. Vangsted P. **Acta Ophthalmol (Copenh)** 1985 Apr;63(2):199-206

Infrared radiation and cataract. Lydahl E. **Acta Ophthalmol [Suppl] (Copenh)** 1984;166:1-63

Ultraviolet radiation protection. Lerman S. **CLAO J** 1985 Jan-Mar;11(1):39-45 (67 ref.)

Eye sparing in high energy X ray beams. Galbraith DM, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):591-5

Data analysis reveals significant microwave-induced eye damage in humans. Frey AH. **J Microwave Power** 1985; 20(1):53-5

Sore eyes due to accidental exposure to ultraviolet B [letter] Asbury JF. **Lancet** 1984 Nov 17;2(8412):1163

[The effect of ionizing radiation on the eye. I] Rozsíval P, et al. **Cesk Oftalmol** 1985 May;41(3):173-7 (Eng. Abstr.) **(Cze)**

RADIOGRAPHY

Ocular volume measured by CT scans. Hahn FJ, et al. **Neuroradiology** 1984;26(6):419-20

A simple idea to save on film for eye radiography. Truelove P. **Radiography** 1984 Sep-Oct;50(593):237

RADIONUCLIDE IMAGING

Distribution of 110Ag-silver nitrate prophylaxis solution following eyedrop application to the albino rabbit. Lambrecht RM, et al. **Nucl Med Commun** 1985 Apr; 6(4):245-7

SURGERY

The use of xylazine-ketamine anesthetic for intraocular surgery on rabbits. Brown RH, et al. **Am J Ophthalmol** 1985 May 15;99(5):614-5

Unilateral esotropia after enucleation in infancy. Helveston EM, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):96-9

Methicillin- and gentamicin-resistant Staphylococcus epidermidis endophthalmitis after intraocular surgery [letter] Lambert SR, et al. **Am J Ophthalmol** 1985 Jun 15; 99(6):725-6

Acute intraoperative choroidal effusion. Maumenee AE, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):147-54

Globe stabilization in experimental microsurgery. Mainster MA, et al. **Am J Ophthalmol** 1985 Jan 15;99(1):86-7

Endoexcimer laser intraocular ablative photodecomposition Pellin MJ, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):483-4

Vertical tarsal buckling as a complication of levator aponeurosis repair for acquired blepharoptosis [letter] Teichmann KD. **Am J Ophthalmol** 1984 Nov;98(5):645-6

Pseudo-internuclear ophthalmoplegia after surgical paresis of the medial rectus muscle. von Noorden GK, et al. **Am J Ophthalmol** 1984 Nov;98(5):602-8

Eye enucleation and regeneration of neural retina in axolotl larvae (Ambystoma mexicanum). Yew DT. **Anat Anz** 1985; 158(3):217-29

Anesthesia and intraocular pressure. Murphy DF. **Anesth Analg** 1985 May;64(5):520-30

Brain stem anesthesia following retrobulbar block [letter]

Chang JL, et al. **Anesthesiology** 1984 Dec;61(6):789–90

Differential diagnosis of elevated intraocular pressure following ocular surgery. Kooner KS, et al. **Ann Ophthalmol** 1984 Aug;16(8):708–9

Perioperative prevention of infection in ophthalmic surgery. Radda TM, et al. **Antibiot Chemother** 1985;33:184–97

Intraocular surgery and choroidal hemorrhage [editorial] Brubaker RF. **Arch Ophthalmol** 1984 Dec;102(12):1753–4

Chemical preparation of the eye in ophthalmic surgery. IV. Comparison of povidone-iodine on the conjunctiva with a prophylactic antibiotic. Isenberg SJ, et al. **Arch Ophthalmol** 1985 Sep;103(9):1340–2

Anesthesia for ophthalmic surgery. Wong KC, et al. **Can J Ophthalmol** 1985 Apr;20(3):87–92 (28 ref.)

Microsurgery update 1982–1984. **Dev Ophthalmol** 1985; 11:1–206

IOMSG microscope report 1984. Bigar F. **Dev Ophthalmol** 1985;11:5–11

Report on surgical knives or back to the stone age! Huber C. **Dev Ophthalmol** 1985;11:1–4

Needleholder for 10-0 nylon. Broggi RJ. **J Am Intraocul Implant Soc** 1985 Jan;11(1):74

Cutting efficiency of single shot and burst mode neodymium:YAG lasers. Steinert RF, et al. **J Am Intraocul Implant Soc** 1985 Mar;11(2):128–30

Antimicrobial preparation of the eye for surgery. Apt L, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:163–72

Respect for sight and technological advances in ocular surgery. Krwawicz T, et al. **Mater Med Pol** 1985 Jan–Mar; 17(1):69–70

Diversionary grooves for filtering procedures [letter] Ciccarelli EC. **Ophthalmic Surg** 1985 Jan;16(1):54, 56

I'd rather have my surgeon do a good technical job than speak well [letter] Fletcher RC. **Ophthalmic Surg** 1984 Oct; 15(10):872, 874

Use of a short wavelength filter in an operating microscope. Keates RH, et al. **Ophthalmic Surg** 1985 Jan;16(1):40–1

Q-switched Nd:YAG laser for developmental glaucoma. Kitazawa Y, et al. **Ophthalmic Surg** 1985 Feb;16(2):99–100

Photo-elastic stress analysis in YAG laser surgery [letter] March WF, et al. **Ophthalmic Surg** 1985 Jun;16(6):397

A canthal siphon wick. Mills RP. **Ophthalmic Surg** 1985 Jul; 16(7):446

Slipknots for trabeculectomy flap closure [letter] Quigley HA. **Ophthalmic Surg** 1985 Jan;16(1):56, 58

A new system of intraocular instruments: III. Guillotine scissors. Rappazzo JA, et al. **Ophthalmic Surg** 1985 Jan; 16(1):48–9

Pathology of an orbital dermis-fat graft. Wojno T, et al. **Ophthalmic Surg** 1985 Apr;16(4):250–3

The role of orbital exenteration in choroidal melanoma with extrascleral extension. Kersten RC, et al. **Ophthalmology** 1985 Mar;92(3):436–43

Amputation neuroma of the orbit. Report of two cases and review of the literature. Messmer EP, et al. **Ophthalmology** 1984 Nov;91(11):1420–3

Corneal endothelial decompensation following intraocular surgery [letter] Naumann GO. **Ophthalmology** 1985 May; 92(5):714

Ten years experience with eye wall resection for uveal malignant melanomas. Peyman GA, et al. **Ophthalmology** 1984 Dec;91(12):1720–5

Sclerochorioretinal resection for choroidal melanoma. A clinicopathologic correlation of a postmortem eye. Shields JA, et al. **Ophthalmology** 1984 Dec;91(12):1726–30

Exposure of tantalum mesh orbital implants. Wexler SA, et al. **Ophthalmology** 1985 May;92(5):671–5

Silicone tube and gutter in advanced glaucoma. Sarkies NJ, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):133–6

Equine ocular cosmesis. Lavach JD, et al. **Vet Clin North Am [Large Anim Pract]** 1984 Nov; 6(3):489–99 (6 ref.)

Preoperative evaluations by an internist--are they worthwhile? Levinson W. **West J Med** 1984 Sep; 141(3):395–8

[Results of a microbiological examination of the conjunctival sac at the Eye Clinic in Brno 1979–1983 in patients with planned intraocular surgery] Synek S, et al. **Cesk Oftalmol** 1985 Jul;41(4):216–21 (Eng. Abstr.) **(Cze)**

[The need for eye operations in Denmark 1979–1982] Zibrandtsen PC. **Ugeskr Laeger** 1984 Oct 29;146(44):3401–4 (Eng. Abstr.) **(Dan)**

[Monitoring the visual system in orbitopalpebral plastic surgery] Morax S. **Ann Chir Plast Esthet** 1984;29(4):311–7 (Eng. Abstr.) **(Fre)**

[Ergonomics and ocular surgery] Peyresblanques J. **Annee Ther Clin Ophtalmol** 1983;34:269–96 **(Fre)**

[Use of the Yag pico- and nanosecond laser in ophthalmology] Marre JM, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:504–5 **(Fre)**

[The monochromatic green argon laser. Evaluation based on a 2-year comparative study. 2: Clinical study] Pithon F. **Bull Soc Ophtalmol Fr** 1984 Aug–Sep;84(8–9):981–7 (Eng. Abstr.) **(Fre)**

[Polyvalent miniaturized infrared laser (for section and coagulation)] Quentel G, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1249–50 **(Fre)**

[Prevention of endophthalmitis in intraocular surgery. Experimental study] Vallat M, et al. **Bull Soc Ophtalmol Fr** 1984 Aug–Sep;84(8–9):1033–6 **(Fre)**

[The appropriateness of our therapeutic attitude to expulsive hemorrhage] Bordeianu CD. **J Fr Ophtalmol** 1984; 7(4):313–20 (Eng. Abstr.) **(Fre)**

[Conservative treatment of melanoma of the choroid. Is enucleation an unusual step?] Brini A. **J Fr Ophtalmol** 1984; 7(11):745–53 **(Fre)**

[Krupin's valve. Remarks on the surgery of glaucoma. Personal results apropos of 20 Krupin-Denver valves] Forestier F, et al. **J Fr Ophtalmol** 1984;7(5):385–91 (Eng. Abstr.) **(Fre)**

[Photic injury to the retina in eye surgery] Fugulyan G, et al. **Rev Chir [Oftalmol]** 1984 Oct–Dec;28(4):291–4 (Eng. Abstr.) **(Rum)**

[Is enucleation of the eyeball useful or dangerous in choroidal melanomas?] Leibovici M, et al. **Rev Chir [Oftalmol]** 1985 Apr–Jun;29(2):129–33 (Eng. Abstr.) **(Rum)**

[Use of Healon in ophthalmologic surgery] Olteanu M, et al. **Rev Chir [Oftalmol]** 1984 Oct–Dec;28(4):257–9 (Eng. Abstr.) **(Rum)**

[Effect of enucleation of the 1 eye on the visual work capacity of the paired eye] Gololobov VT. **Oftalmol Zh** 1985; (3):165–7 (Eng. Abstr.) **(Rus)**

[Experimental basis for forming the postenucleation stump by using lavsan tissue] Shkromida MI, et al. **Oftalmol Zh** 1984;(7):425–7 (Eng. Abstr.) **(Rus)**

[Healon in reconstructive ophthalmic surgery] Gundorova RA, et al. **Vestn Oftalmol** 1984 Sep–Oct;(5):34–8 (Eng. Abstr.) **(Rus)**

[Conjunctival smears in preparation for ophthalmologic operations] Lebekhov PI, et al. **Vestn Oftalmol** 1985 May–Jun;101(3):52–4 (Eng. Abstr.) **(Rus)**

[Use of embryonic bone for shaping the locomotor stump after enucleation] Mazuriak AV. **Vestn Oftalmol** 1985 Jan–Feb;101(1):25–7 (Eng. Abstr.) **(Rus)**

TRANSPLANTATION

Vision and the skin camouflage reactions of Ambystoma larvae: the effects of eye transplants and brain lesions. Pietsch P, et al. **Brain Res** 1985 Aug 5;340(1):37–60

ULTRASTRUCTURE

Kinetics of phagocytosis in the normal canine iridocorneal angle. Samuelson DA, et al. **Am J Vet Res** 1984 Nov; 45(11):2359–66

Spondyloepiphyseal dysplasia congenita. Light and electron microscopic studies of the eye. Murray TG, et al. **Arch Ophthalmol** 1985 Mar;103(3):407–11

Niemann-Pick disease--type C. Ocular histopathologic and electron microscopic studies. Palmer M, et al. **Arch Ophthalmol** 1985 Jun;103(6):817–22

Farber's disease. Light and electron microscopic study of the eye. Zarbin MA, et al. **Arch Ophthalmol** 1985 Jan; 103(1):73–80

Fibrillar and cytoskeletal substructure of tight junctions: analysis of single-stranded tight junctions linking fibroblasts of the lamina fusca in hamster eyes. Hageman GS, et al. **Cell Tissue Res** 1984;238(3):545–57

The eye of the venomous marine teleost Trachinus vipera with special reference to the structure and ultrastructure of visual cells and pigment epithelium. Kunz YW, et al. **Exp Biol** 1985;43(3):161–78

Longitudinal continuity of the subrhabdomeric cisternae in the photoreceptors of the compound eye of the drone, Apis mellifera. Skalska-Rakowska JM, et al. **Experientia** 1985 Jan 15;41(1):43–5

GM1 gangliosidosis, type 2: ocular clinicopathologic correlation. Cairns LJ, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;222(2):51–62

An ultrastructural study of complex carbohydrates in the posterior chamber and vitreous base of the mouse. Rhodes RH. **Histochem J** 1985 Mar;17(3):291–312

Artifacts on SEM study of eye tissues [letter] Worst JG. **J Am Intraocul Implant Soc** 1984 Fall;10(4):474

Traumatic posterior vitreous detachment: scanning electron microscopy of an experimental model in the monkey eye. Hsu HT, et al. **Scan Electron Microsc** 1984;(Pt 3):1361–8

Demonstration of microfibrils in Bruch's membrane of the eye. Essner E, et al. **Tissue Cell** 1984;16(5):779–88

[European Club for Ophthalmic Fine Structure: annual meeting, Marseilles, 2–3 September 1983. Abstracts] **J Fr Ophtalmol** 1984;7(10):657–70 **(Fre)**

[Fucosidosis. Ocular ultrastructure] Libert J. **J Fr Ophtalmol** 1984;7(8–9):519–27 (Eng. Abstr.) **(Fre)**

EYE, ARTIFICIAL

Orbital implants and prostheses: postoperative computed tomographic appearance. Gale ME, et al. **AJNR** 1985 May–Jun;6(3):403–7

Prescribing spectacles for anophthalmic patients. Lloyd WC 3d, et al. **Ann Ophthalmol** 1985 Jul;17(7):426–7

Cluster headache in a patient without a ipsilateral eye. Prusinski A, et al. **Headache** 1985 May;25(3):134–5

Fabrication of hollow extraoral prostheses to enhance retention. Rouse JA, et al. **J Prosthet Dent** 1985 Apr; 53(4):557–64

Modified stock-eye ocular prosthesis. Taicher S, et al. **J Prosthet Dent** 1985 Jul;54(1):95–8

Functional anatomical reconstruction in an oculofacial prosthesis. Eaton LD, et al. **Ophthalmology** 1984 Aug; 91(8):984–6

Exposure of tantalum mesh orbital implants. Wexler SA, et al. **Ophthalmology** 1985 May;92(5):671–5

[Clinical application of silicone sponge as a postenucleation orbital cushion for ocular prosthesis] Wang DR. **Chung Hua Yen Ko Tsa Chih** 1984 Jan;20(1):51–2 **(Chi)**

[Surface changes in glass eye prostheses] Härting F, et al. **Klin Monatsbl Augenheilkd** 1984 Oct;185(4):272–5 (Eng. Abstr.) **(Ger)**

[Basic research for light sensitive prosthesis. Electrically evoked potential in optic nerve of the albino rat] Hatayama R, et al. **Nippon Ganka Gakkai Zasshi** 1984 Oct; 88(10):1273–7 (Eng. Abstr.) **(Jpn)**

[Use of Soviet-manufactured plastic eye prostheses] Druianova IuS. **Oftalmol Zh** 1984;(5):305–6 (Eng. Abstr.) **(Rus)**

[Results of restorative plastic operations with a tissue autograft in the case of a deficient conjunctival sac cavity for the wearing of a prosthesis] Krasnikov PG. **Oftalmol Zh** 1984;(3):157–9 (Eng. Abstr.) **(Rus)**

REHABILITATION

Ocularists are the fourth 'O' in eye care. Keyser D. **J Am Optom Assoc** 1985 Jan;56(1):59–61

EYE BANKS see under **TISSUE BANKS**

EYE BURNS

CHEMICALLY INDUCED

Relationship between various concentrations of NaOH and metabolic effects in experimentally burned rabbit cornea. A biochemical and histochemical study. Bolková A, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;222(2):86–9

[Treatment of severe caustic burns with high polymer hyaluronic acid (Healon)] Reim M, et al. **Fortschr Ophthalmol** 1984;81(4):323–5 (Eng. Abstr.) **(Ger)**

[Euphorbiae keratoconjunctivitis] Rössler G. **Klin Monatsbl Augenheilkd** 1985 May;186(5):380–1 (Eng. Abstr.) **(Ger)**

COMPLICATIONS

Inefficacy of topical protamine as angiogenesis inhibitor in alkali-burned corneas. Ameye C, et al. **Bull Soc Belge Ophtalmol** 1983;207:109–15

[Late results of anterior penetrating prosthesis in leukomas following chemical burns] Bedilo VIa, et al. **Oftalmol Zh** 1985;(3):138–9 (Eng. Abstr.) **(Rus)**

[Surgical treatment of bilateral cicatricial ectropion caused by burns] Legeza GV, et al. **Oftalmol Zh** 1985;(2):108–10 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

[Effect of chlorophyllypt phonophoresis on the dehydrogenase activity of the corneal anterior epithelium in alkali burns] Moiseeva NN. **Oftalmol Zh** 1984;(4):232–4 (Eng. Abstr.) **(Rus)**

ETIOLOGY

The American Academy of Ophthalmology fireworks eye injury project [editorial] Wilson RS. **Arch Ophthalmol** 1985 Jun;103(6):780–1

Laser accidents [letter] Wolfe JA. **Arch Ophthalmol** 1985 Feb; 103(2):174–5

Retinal burns from experimental laser iridotomy. Bongard B, et al. **Ophthalmic Surg** 1985 Jan;16(1):42–4

Retinal burns occurring at cataract extraction [letter] Aymond DK. **Ophthalmology** 1985 May;92(5):715–6

Retinal burns occurring at cataract extraction. Boldrey EE, et al. **Ophthalmology** 1984 Nov;91(11):1297–302

[Safety aspects of laser radiation (editorial)] Belkin M. **Harefuah** 1984 Dec 2;107(11):354–6 **(Heb)**

METABOLISM

Corneal burns: a quantitative comparison of acid and base. Flynn WJ, et al. **Acta Ophthalmol (Copenh)** 1984 Aug; 62(4):542–8

PATHOLOGY

Characteristics of polymorphonuclear leukocyte infiltration into the alkali burned eye and the influence of sodium citrate. Paterson CA, et al. **Exp Eye Res** 1984 Dec; 39(6):701–8

[Characteristic movement of epithelial cells at the limbus during the wound healing process after thermal burn] Chuma K, et al. **Nippon Ganka Gakkai Zasshi** 1984 May; 88(5):873–84 (Eng. Abstr.) **(Jpn)**

SURGERY

Histology of human conjunctival transplantation. Geggel HS, et al. **Cornea** 1984;3(1):11–5

[Effect of cryotherapy on the inhibition of collagenolytic activity in experimental thermal corneal burns] Szewczykowa E. **Klin Oczna** 1984 Nov;86(11):467–9 (Eng. Abstr.) **(Pol)**

[Features of the correction of bilateral cicatricial deformity of the eyelids after deep facial burns] Khitrov FM, et al. **Oftalmol Zh** 1984;(6):381–3 **(Rus)**

THERAPY

[An eye spray for lavage of the conjunctival cavity in chemical burns] Alieva ZA, et al. **Oftalmol Zh** 1985;(1):56-7 (Rus)

[Therapeutic physical exercise in the combined treatment of eye burns in children] Oleinik SD. **Oftalmol Zh** 1984;(3):189 (Rus)

EYE COLOR

Macromelanosomes in X-linked ocular albinism (XLOA). Yoshiike T, et al. **Acta Derm Venereol (Stockh)** 1985; 65(1):66-9

Color as a risk factor in iris melanoma. Rootman J, et al. **Am J Ophthalmol** 1984 Nov;98(5):558-61

Relationship of senile macular degeneration to ocular pigmentation. Weiter JJ, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):185-7

Correlated response to phototactic selection. Markow TA, et al. **Behav Genet** 1984 May;14(3):279-93

The genetics of apricot eye—a sex linked recessive mutant in Culex quinquefasciatus. Suguna SG. **Indian J Med Res** 1985 Feb;81:143-8

In vivo color analysis of human crystalline lenses. Sasaki K, et al. **Ophthalmic Res** 1985;17(1):21-6

Eye color affects cyclocryotherapy-induced inflammation [letter] Berger BB. **Ophthalmic Surg** 1985 Mar;16(3):206

Secondary Fuchs's heterochromic cyclitis: a new approach to an old disease. Saraux H, et al. **Ophthalmologica** 1985; 190(4):193-8

Relationship between hair/eye color and primary vesicoureteral reflux in children. Urrutia EJ, et al. **Urol Radiol** 1985;7(1):23-4

EYE DISEASES

Cumulative index 1968-1983. American Journal of Optometry and Archives of the American Academy of Optometry (1968-1973) and American Journal of Optometry and Physiological Optics (1974-1983). **Am J Optom Physiol Opt** 1985 Jun;62(6 Suppl):1-99

Richner-Hanhart syndrome spares a plantar autograft. Crovato F, et al. **Arch Dermatol** 1985 Apr;121(4):539-40

Cumulative index, 1975-1984. **Arch Ophthalmol** 1985 Jul; 103(7):979-1075

Canadian Ophthalmological Society. 48th annual meeting. Toronto, Ontario. Abstracts. **Can J Ophthalmol** 1985 Mar; 20(2):57-72

Ophthalmologic signs in genetic disease. Murphree AL. **Hosp Pract [Off]** 1984 Dec;19(12):85-92

A special issue in honor of Willem Arnold Manschot on his 70th birthday. **Int Ophthalmol** 1985 Mar;7(3-4):131-258

Sarcoidosis: a multisystem disorder with prominent ocular and cutaneous involvement. Callen JP, et al. **Int Ophthalmol Clin** 1985 Spring;25(1):135-58

ARVO 1985. The Association for Research in Vision and Ophthalmology Incorporated. Annual spring meeting. Sarasota, Florida, May 6-May 10, 1985. Abstracts. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3 Suppl):1-362

Neuro-ophthalmology in the recent European literature. Part II. The motor system. Safran AB. **J Clin Neuro Ophthalmol** 1984 Sep;4(3):197-208 (83 ref.)

Juvenile xanthogranuloma. Sengupta P, et al. **J Indian Med Assoc** 1984 Oct;82(10):370-1

New U of I eye center becomes Lions' pride [news] Goldsmith MF. **JAMA** 1985 Oct 4;254(13):1687-8

Intraocular ossification. Monselise M, et al. **Ophthalmologica** 1985;190(4):225-9

1984 annual meeting program: American Academy of Ophthalmology. Atlanta, November 11-15. **Ophthalmology** 1984 Sep;91(9 Suppl 2):1-291

Common eye problems in the older woman. Bajart AM. **Women Health** 1985 Summer-Fall;10(2-3):85-93

[The 'osteoporosis-pseudoglioma' syndrome] Lomíčková H, et al. **Cesk Oftalmol** 1984 Jun;40(2-3):89-95 (Eng. Abstr.) (Cze)

[81st meeting of the German Ophthalmologic Society, Heidelberg] **Fortschr Ophthalmol** 1984;81(6):498-678 (Ger)

[Proceeding of the 25th annual session of the Austrian Ophthalmological Society. Vienna/Hofburg, 31 May-2 June 1984] **Klin Monatsbl Augenheilkd** 1984 Nov; 185(5):315-471 (Ger)

[Mycoses of the orbit and the eye] Renovanz HD. **Wien Med Wochenschr** 1985 Feb 28;135(4):81-4 (Ger)

[The 89th congress of the Japanese Ophthalmological Society, Kyoto, May 16-18, 1985. Abstracts] **Nippon Ganka Gakkai Zasshi** 1985 Apr;89 Suppl:1-224 (Jpn)

[Ambulatory ophthalmologic care in Lund 1976-1983: redistribution made resources available for new needs] **Lakartidningen** 1985 Jul 24;82(30-31):2612-5 (Swe)

BLOOD

Studies of lipoprotein metabolism in a patient with fish-eye disease. Turner PR, et al. **Eur J Clin Invest** 1984 Aug; 14(4):273-7

Past and present in the diagnosis of trachoma and chlamydial ocular disease. Specific serum IgA antibodies in the diagnosis of active viral and chlamydial infections. Sarov I, et al. **Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique** 1984;(1):73-6 (Eng, Fre)

CHEMICALLY INDUCED

Ocular toxicity of systemic drugs. Sammartino JP, et al. **Am Fam Physician** 1985 Jan;31(1):226-9

Ocular toxicology update. Fraunfelder FT, et al. **Aust J Ophthalmol** 1984 Nov;12(4):391-4 (38 ref.)

The national registry of drug-induced ocular side effects. Fraunfelder FT, et al. **Aust J Ophthalmol** 1984 May; 12(2):129-31

Oculodermatological findings in workers with occupational exposure to polychlorinated biphenyls (PCBs). Fischbein A, et al. **Br J Ind Med** 1985 Jun;42(6):426-30

Ocular adverse reactions to drug formulations: core information from the Canadian registry [editorial] Begg IS. **Can J Ophthalmol** 1984 Aug;19(5):205-6

Ocular side effects of systemic therapy of cutaneous diseases. Sugar J. **Int Ophthalmol Clin** 1985 Spring;25(1):173-83

Use of Halon 1301 in a hospital [letter] Tobacman JK, et al. **J Occup Med** 1984 Sep;26(9):632, 634

Registry pools reports on ocular side effects [news] Cole H. **JAMA** 1985 Oct 4;254(13):1690

Bhopal eye [letter] Andersson N, et al. **Lancet** 1984 Dec 22, 2(8417-18):1481

Bhopal disaster: eye follow-up and analytical chemistry [letter] Andersson N, et al. **Lancet** 1985 Mar 30; 1(8431):761-2

Ocular and orbital toxicity following intracarotid injection of BCNU (carmustine) and cisplatinum for malignant gliomas. Miller DF, et al. **Ophthalmology** 1985 Mar; 92(3):402-6

Femoxetine and eye function. A study of possible anticholinergic side effects. Jeppesen KV, et al. **Pharmacopsychiatry** 1985 May;18(3):231-4

[Contact lenses and drug use] Polak BC, et al. **Ned Tijdschr Geneeskd** 1984 Aug 25;128(34):1622-5 (Eng. Abstr.) (Dut)

[Myasthenic syndrome induced by chloroquine poisoning: an unusual clinical form confirmed by ocular involvement] Pichon P, et al. **Bull Soc Ophtalmol Fr** 1984 Feb; 84(2):219-22, 225 (Fre)

[Neuropathy and ocular involvement following prolonged use of tilbroquinol and tiliquinol] Basdevant A, et al. **Rev Med Interne** 1985 Jan;6(1):65-7 (Fre)

[Studies on chemical substances responsible for causing eye lesions in patients treated with NAC-dialyzer] Oba T, et al. **Eisei Shikenjo Hokoku** 1984;(102):1-19 (Jpn)

[Eye changes in hop growers] Belous VI, et al. **Oftalmol Zh** 1984;(4):241-2 (Rus)

[Complications of local pharmacotherapy in ophthalmology] Mozherenkov VP, et al. **Vestn Oftalmol** 1985 Jan-Feb; 101(1):62-5 (55 ref.) (Rus)

COMPLICATIONS

Characteristics of rhegmatogenous retinal detachment. Laatikainen L, et al. **Acta Ophthalmol (Copenh)** 1985 Apr; 63(2):146-54

Radiation therapy for thyroid eye diseases. Hurbli T, et al. **Am J Ophthalmol** 1985 Jun 15;99(6):633-7

A prospective study of the ophthalmologic findings in the acquired immune deficiency syndrome in Africa. Kestelyn P, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):230-8

The ocular features of Down's syndrome. Shapiro MB, et al. **Am J Ophthalmol** 1985 Jun 15;99(6):659-63

Ocular findings in the candidiasis-endocrinopathy syndrome. Traboulsi EI, et al. **Am J Ophthalmol** 1985 Apr 15; 99(4):486-7

Open angle glaucoma in melanosis oculi: response to laser trabeculoplasty. Goncalves V, et al. **Ann Ophthalmol** 1985 Jan;17(1):33-6

Vitreous hemorrhage secondary to presumed ocular histoplasmosis syndrome. Kranias G. **Ann Ophthalmol** 1985 May;17(5):295-8, 302

Unsuccessful laser cyclophotocoagulation for glaucoma in aniridia [letter] Strasser G. **Arch Ophthalmol** 1985 Jul; 103(7):890

Space motion sickness: etiological hypotheses and a proposal for diagnostic clinical examination. Leigh RJ, et al. **Aviat Space Environ Med** 1985 May;56(5):469-73

Blurred vision. Gregor ZJ. **Br J Hosp Med** 1985 Feb; 33(2):105-9

Selective damage to chromatic mechanisms in neuro-ophthalmic diseases I. Review of published evidence. King-Smith PE, et al. **Doc Ophthalmol** 1984 Nov 15;58(3):241-50 (53 ref.)

Changing pattern of blindness in blind school residents in India. Dada VK, et al. **Indian J Ophthalmol** 1984 May-Jun; 32(3):161-3

Ocular manifestations of the acquired immune deficiency syndrome. Holland GN. **Int Ophthalmol Clin** 1985 Summer; 25(2):179-87

Graves' ophthalmopathy, ocular myasthenia gravis and Hashimoto's thyroiditis. Czernobilsky H, et al. **Isr J Med Sci** 1985 Apr;21(4):377-80

Weill-Marchesani syndrome with bilateral angle-closure glaucoma. Wright KW, et al. **J Pediatr Ophthalmol Strabismus** 1985 Jul-Aug; 22(4):129-32

Dysthyroid ophthalmology [letter] Shorr N, et al. **West J Med** 1985 Aug;143(2):251

DIAGNOSIS

Flash evoked cortical and subcortical potentials in neuro-ophthalmology. Harding GF. **Acta Neurol Belg** 1985 May-Jul;85(3):150-65

Regression of ophthalmopathy in Graves' disease following thyroidectomy. A systematic study of changes of ocular signs. Marushak D, et al. **Acta Ophthalmol (Copenh)** 1984 Oct;62(5):767-79

MR imaging of orbital and ocular disease. Sobel DF, et al. **AJNR** 1985 Mar-Apr;6(2):259-64

The diagnosis of epithelial downgrowth after keratoplasty. Feder RS, et al. **Am J Ophthalmol** 1985 Jun 15; 99(6):697-703

Clinical significance of detecting visual field loss. Gutteridge IF. **Am J Optom Physiol Opt** 1985 Apr;62(4):275-81

Metastatic bacterial endophthalmitis. Farber BP, et al. **Arch Intern Med** 1985 Jan;145(1):62-4

Electrophysiological testing in diabetic eye disease. Biersdorf WR. **Int Ophthalmol Clin** 1984 Winter;24(4):143-54

Statistical analysis of multi-eye data in ophthalmic research. Ray WA, et al. **Invest Ophthalmol Vis Sci** 1985 Aug; 26(8):1186-8

Development of an imaging system for ophthalmic photography. Warnicki JW, et al. **J Biol Photogr** 1985 Jan; 53(1):9-17

Serodiagnosis of ocular toxocariasis: a comparison of two antigens. Glickman LT, et al. **J Clin Pathol** 1985 Jan; 38(1):103-7

Evaluation of endocrine ophthalmopathy with saccadic eye movements. Mauri L, et al. **J Neurol** 1984;231(4):182-7

The clinical usefulness of the visual evoked response. Hoyt CS. **J Pediatr Ophthalmol Strabismus** 1984 Nov-Dec; 21(6):231-4

Symposium on neuro-ophthalmology. **Neurol Clin** 1983 Nov; 1(4):787-995

The neuro-ophthalmic examination. Beck RW, et al. **Neurol Clin** 1983 Nov;1(4):807-30

Disorders of the external eye. Khaw PT, et al. **Practitioner** 1985 Apr;229(1402):317-25

Ocular cysticercosis. Diagnostic and therapeutic problems. Bourgeois H, et al. **Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique** 1984;(1):37-44, 45-51 (Eng, Fre)

Evaluating the usefulness in neuro-ophthalmology of visual field examinations peripheral to 30 degrees. Wirtschafter JD, et al. **Trans Am Ophthalmol Soc** 1984;82:329-57

Present and future role of ultrasonography in routine eye and orbit examination—an introduction. Buschmann W. **Ultrasound Med Biol** 1985 Jan-Feb;11(1):147-8

'Real-time' immersion B-scan and C-scan techniques in ophthalmic diagnosis. Restori M. **Ultrasound Med Biol** 1985 Jan-Feb;11(1):185-92

Electronically-scanned ophthalmic ultrasound. Susal AL. **Ultrasound Med Biol** 1985 Jan-Feb;11(1):177-84

[Microcomputers and ophthalmology] **Bull Soc Ophtalmol Fr** 1984 Nov;Spec No:1-204 (Fre)

[Monoclonal antibodies: value for biological diagnosis in ophthalmology] Liotet S, et al. **Bull Soc Ophtalmol Fr** 1984 Jan;84(1):15-8 (Fre)

[A case of ocular paragonimiasis] Vérin P, et al. **Bull Soc Ophtalmol Fr** 1984 Aug-Sep;84(8-9):997-9 (Fre)

[A clinical case of ocular onchocerciasis: clinical, angiofluorographic and developmental aspects] Giovannini A, et al. **J Fr Ophtalmol** 1984;7(4):285-90 (Eng. Abstr.) (Fre)

[Clinical aspects and histopathology of intraocular cholesterol granulomas] von Domarus D, et al. **Fortschr Ophthalmol** 1984;81(4):375-9 (Eng. Abstr.) (Ger)

[Arterial occlusive diseases of the eye. Diagnostic contribution of Doppler sonography] Gloor B, et al. **Klin Monatsbl Augenheilkd** 1985 Mar;186(3):161-71 (Eng. Abstr.) (Ger)

[Botulism—observations on its course with emphasis on ophthalmologic symptoms] Jedelhauser P. **Klin Monatsbl Augenheilkd** 1985 Jan;186(1):18-24 (Eng. Abstr.) (Ger)

[Eye involvement in leprosy. A study in Togo, West Africa] Trojan HJ, et al. **Klin Monatsbl Augenheilkd** 1984 Oct; 185(4):235-42 (Eng. Abstr.) (Ger)

[Diabetes and the eye] Hommer K. **Wien Med Wochenschr** 1985 Apr 15;135(6-7):180-5 (Ger)

[Fluoroangiography of various pathological pictures in unusual observations of the anterior segment] Motolese E, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1253-9 (Eng. Abstr.) (Ita)

[Description of a case of Aicardi's syndrome] Biza M, et al. **Pediatr Med Chir** 1984 Jan-Feb;6(1):161-3 (Eng. Abstr.) (Ita)

[Importance of functional studies for the early detection and prevention of eye diseases in preschoolers] **Oftalmol Zh** 1984;(3):129-30 (Rus)

[Demodicosis of the eye] Chuistova IP, et al. **Oftalmol Zh** 1985;(3):174-6 (38 ref.) (Rus)

[Ocular symptomatology in hypophyseal nanism] Novokhatskil AS, et al. **Oftalmol Zh** 1984;(7):417-9 (Eng. Abstr.) (Rus)

[Ultrasonic B-scanning in the diagnosis of diseases of the posterior segment of the eye] Shirshikov IuK, et al. **Vestn Oftalmol** 1985 Jan-Feb;101(1):47-9 (Eng. Abstr.) (Rus)

DRUG THERAPY

Side effects of systemic cyclosporine in patients not undergoing transplantation. Palestine AG, et al. **Am J Med** 1984 Oct;77(4):652-6

Update on antibiotics in ocular infections. Leopold IH. **Am J Ophthalmol** 1985 Jul 15;100(1):134-40

Fluorometholone acetate: clinical evaluation in the treatment of external ocular inflammation. Leibowitz HM, et al. **Ann Ophthalmol** 1984 Dec;16(12):1110-5

Statistical analysis for experimental models of ocular disease: continuous response measures. Ray WA, et al. **Curr Eye Res** 1985 May;4(5):585-97

Anomalous effects of anti-inflammatory corticosteroids in endotoxin-induced ocular inflammation. Williams RN, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):113-9

Studies on the use of desferrioxamine in experimental ocular siderosis produced by extrabulbar administration of iron. Gerkowicz K, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(2):101-5

Taxol for the treatment of proliferative vitreoretinopathy. van Bockxmeer FM, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1140-7

Daunomycin in the treatment of experimental proliferative vitreoretinopathy. Effective doses in vitro and in vivo. Wiedemann P, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):719-25

Pharmacology in optometry. Santry JG. **J Am Optom Assoc** 1985 Feb;56(2):126-8

Martinella (Bignoniaceae): a widely used eye medicine of South America. Gentry AH, et al. **J Ethnopharmacol** 1984 Aug;11(3):337-43

Double-blind study of ivermectin and diethylcarbamazine in African onchocerciasis patients with ocular involvement. Lariviere M, et al. **Lancet** 1985 Jul 27;2(8448):174-7

Update on antiviral agents. Kaufman HE. **Ophthalmology** 1985 Apr;92(4):533-6

Tetracyclines in ophthalmology. Salamon SM. **Surv Ophthalmol** 1985 Jan-Feb;29(4):265-75 (100 ref.)

Ophthalmic drug delivery systems. Shell JW. **Surv Ophthalmol** 1984 Sep-Oct;29(2):117-28

Fluorescein angiographic studies of mebendazole treatment for onchocerciasis. Taylor HR, et al. **Trop Med Parasitol** 1985 Mar;36(1):7-11

[Ophthalmology and homeopathy] Duflo-Boujard O. **Annee Ther Clin Ophtalmol** 1983;34:313-20 (Eng. Abstr.) (Fre)

[Antibiotic therapy in ophthalmology] Magnier B, et al. **J Fr Ophtalmol** 1984;7(6-7):499-506 (Eng. Abstr.) (Fre)

[Cyclosporin A treatment in severe endocrine ophthalmopathy (letter)] Utech C, et al. **Dtsch Med Wochenschr** 1985 Jan 25;110(4):155-6 (Ger)

[Endocrine ophthalmopathy and cyclosporin A (letter)] Witte A, et al. **Dtsch Med Wochenschr** 1985 Jun 7;110(23):937 (Ger)

[The importance of eye symptoms and eye conditions for the pharmacist] Laux U. **Med Monatsschr Pharm** 1984 Nov;7(11):324-8 (Ger)

ENZYMOLOGY

[Quantitative determination of lysozyme in tears and diagnosis of dry eye] Rong BL. **Chung Hua Yen Ko Tsa Chih** 1984 Jul;20(4):228-31 (Chi)

ETIOLOGY

Ophthalmological manifestations in patients with psoriasis. Catsarou-Catsari A, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):557-9

Gaucher disease--Norrbottnian type. Ocular abnormalities. Erikson A, et al. **Acta Ophthalmol (Copenh)** 1985 Apr;63(2):221-5

The ophthalmological findings in autosomal recessive severe juvenile arteriosclerosis. Raitta C, et al. **Acta Ophthalmol (Copenh)** 1985 Apr;63(2):175-82

Histopathological changes in eyes following intraocular lens implantation (IOL). Preliminary study of a Danish and Swedish material. Jensen OA, et al. **Acta Ophthalmol [Suppl] (Copenh)** 1985;170:50-3

Vestibular and ocular motor manifestations of cerebellopontine angle tumours. Huygen PL, et al. **Adv Otorhinolaryngol** 1984;34:57-70 (34 ref.)

Ocular and pericardial involvement in Legionnaires' disease. Friedland L, et al. **Am J Med** 1984 Dec;77(6):1105-7

Low-grade ocular infections [letter] Gentry RH. **Am J Ophthalmol** 1984 Oct 15;98(4):521

Multistrain comparison of three antimicrobial prophylaxis regimens in experimental postoperative Pseudomonas endophthalmitis. Yannis RA, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):404-7

Acute phthisis bulbi and external ophthalmoplegia in herpes zoster ophthalmicus. Amanat LA, et al. **Ann Ophthalmol** 1985 Jan;17(1):46-51

Eye pain due to carotid stenosis. Cohen MM, et al. **Ann Ophthalmol** 1980 Sep;12(9):1056-7

Ophthalmic response to inverted posture [letter] Plocher DW. **Arch Ophthalmol** 1985 Jun;103(6):762-3

Staphyloma formation as a complication of ultrasound treatment in glaucoma [letter] Wilensky JT. **Arch Ophthalmol** 1985 Aug;103(8):1113

The pathogenesis of ocular vascular disorders. Garner A. **Aust J Ophthalmol** 1984 Nov;12(4):401-4

Epidemiological and clinical features of primary herpes simplex virus ocular infection. Darougar S, et al. **Br J Ophthalmol** 1985 Jan;69(1):2-6

Exogenous ocular candidiasis associated with intravenous heroin abuse. Sorrell TC, et al. **Br J Ophthalmol** 1984 Nov;68(11):841-5

How safe is diagnostic ultrasonography? [letter] Ingber A, et al. **Can Med Assoc J** 1985 Apr 1;132(7):735

Oculoglandular syndrome caused by Francisella tularensis. Halperin SA, et al. **Clin Pediatr (Phila)** 1985 Sep;24(9):520-2

Ocular manifestations of connective tissue disease. Coles RS. **Hosp Pract [Off]** 1985 Feb 15;20(2):70-6, 78, 80 (0 ref.)

Correlates of ocular and somatic symptoms among video display terminal users. Smith AB, et al. **Hum Factors** 1984 Apr;26(2):143-56

Ocular & clinico-epidemiological study of epidemic dropsy. Mohan M, et al. **Indian J Med Res** 1984 Oct;80:449-56

Ocular involvement from leprosy. Lamba PA, et al. **Indian J Ophthalmol** 1984 Mar-Apr;32(2):61-3

Ocular manifestations of diabetes. **Int Ophthalmol Clin** 1984 Winter;24(4):1-167

Oculocutaneous diseases. **Int Ophthalmol Clin** 1985 Spring;25(1):1-192

Bullous diseases. Anhalt GJ, et al. **Int Ophthalmol Clin** 1985 Spring;25(1):37-59

Ophthalmological manifestations of adult rheumatoid arthritis and cicatricial pemphigoid. Gardner KM, et al. **Int Ophthalmol Clin** 1985 Spring;25(1):1-35

Ocular complications of atopic dermatitis and other eczemas. Rich LF, et al. **Int Ophthalmol Clin** 1985 Spring;25(1):61-76

Oculocutaneous manifestations of thyroid disease. Sergott RC. **Int Ophthalmol Clin** 1985 Spring;25(1):117-34

Raccoon ascarid larvae (Baylisascaris procyonis) as a cause of ocular larva migrans. Kazacos KR, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1177-83

Rapid fibrosis of ORC Stableflex haptics [letter] Hoffer KJ. **J Am Intraocul Implant Soc** 1984 Fall;10(4):470-2

Ocular manifestations of AIDS. Bass SJ. **J Am Optom Assoc** 1984 Oct;55(10):765-9

Prevalence and clinical associations of intraocular pressure changes in Graves' disease. Allen C, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):183-7

Orbitocalvarial swelling and proptosis as an early manifestation of systemic lymphoma. Coppeto JR, et al. **J Clin Neuro Ophthalmol** 1984 Sep;4(3):173-80

Enophthalmos and orbital expansion from chronic sinusitis. CT evaluation with reformatted images. Martelli A, et al. **J Clin Neuro Ophthalmol** 1984 Sep;4(3):167-72

Ophthalmological findings of phenylketonuria: a survey of 14 cases. Cotticelli L, et al. **J Pediatr Ophthalmol Strabismus** 1985 Mar-Apr;22(2):78-9

Leprosy and the eye: a review. Ffytche TJ, et al. **J R Soc Med** 1985 May;78(5):397-400

A survey of the eye complications of leprosy in South Korea. Courtright P, et al. **Lepr Rev** 1984 Sep;55(3):229-37

The American Peace Corps Survey of the ocular complications of leprosy in South Korea: an evaluation and appraisal. Ffytche TJ. **Lepr Rev** 1984 Sep;55(3):239-46

Ocular complications in patients with leprosy in Karigiri, South India. Her Hsin Tsai, et al. **Lepr Rev** 1985 Jun;56(2):135-41

Ophthalmological signs and prognosis in patients with a subarachnoid haemorrhage. Tsementzis SA, et al. **Neurochirurgia (Stuttg)** 1984 Sep;27(5):133-5

Neuro-ophthalmic complications of migraine and cluster headaches. Corbett JJ. **Neurol Clin** 1983 Nov;1(4):973-95 (101 ref.)

Spontaneous posterior bulbar perforation of congenital scleral coloboma and its surgical treatment: a case report. Mori S, et al. **Ophthalmic Surg** 1985 Jul;16(7):433-6

Another hypopyon following laser iridotomy [letter] Shin DH. **Ophthalmic Surg** 1984 Dec;15(12):968

Ocular findings in Turner syndrome. A prospective study. Chrousos GA, et al. **Ophthalmology** 1984 Aug;91(8):926-8

The Gardner syndrome. Significance of ocular features. Lewis RA, et al. **Ophthalmology** 1984 Aug;91(8):916-25

Ophthalmic involvement in acquired immunodeficiency syndrome. Palestine AG, et al. **Ophthalmology** 1984 Sep;91(9):1092-9

Ocular manifestations of the neurocutaneous syndromes. Greenwald MJ, et al. **Pediatr Dermatol** 1984 Oct;2(2):98-117

Ocular findings in 340 long-term treated PUVA patients. Boukes RJ, et al. **Photodermatol** 1985 Jun;2(3):178-80

Ocular and oral problems in arthritis. How to recognize, when to refer. Fox RI, et al. **Postgrad Med** 1985 Sep 1;78(3):87-93, 96-7

Enophthalmos as a rare manifestation of metastatic orbital involvement. de Keyser J, et al. **Postgrad Med J** 1985 Feb;61(712):149-52

Reduction of immediate complications after panretinal photocoagulation. Liang JC, et al. **Retina** 1984 Summer-Fall;4(3):166-70

Ocular disease in immunosuppressed patients. Sarkies NJ, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 3):243-7 (47 ref.)

Human vitreous fibres and vitreoretinal disease. Sebag J, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):123-8

Ocular leprosy. Ffytche TJ. **Trop Doct** 1985 Jul;15(3):118-25

[Ocular manifestation of Wegener's granulomatosis (report of a case)] Du YY, et al. **Chung Hua I Hsueh Tsa Chih** 1985 Feb;65(2):80-2 (Eng. Abstr.) (Chi)

[Ocular signs and results in Stevens-Johnson syndrome] Wang SC. **Chung Hua Yen Ko Tsa Chih** 1984 May;20(3):170-3 (Chi)

[Ocular manifestations and diagnosis of dural arteriovenous shunts--report of 2 cases] Xia RN. **Chung Hua Yen Ko Tsa Chih** 1984 Jul;20(4):241-4 (Chi)

[Elimination of implants as complications of surgery of retinal detachments] Karel I, et al. **Cesk Oftalmol** 1985 Mar;41(2):95-100 (Eng. Abstr.) (Cze)

[Eye manifestations in oxalosis] Krásný J, et al. **Cesk Oftalmol** 1985 Jul;41(4):258-62 (Eng. Abstr.) (Cze)

[Eye disorders in 4 patients with acquired immunodeficiency syndrome] Hoogesteger MF, et al. **Ned Tijdschr Geneeskd** 1985 Jan 5;129(1):24-5 (Eng. Abstr.) (Dut)

[Ocular and orbital sequellae in the treatment of embryonic rhabdomyosarcoma of the orbit. Apropos of 3 cases] Behar C, et al. **Ann Pediatr (Paris)** 1984 Oct 15;31(9):739-42 (Eng. Abstr.) (Fre)

[Ophthalmologic manifestations of pediatric cystinosis] Hachet E, et al. **Bull Soc Ophtalmol Fr** 1983 Dec;83(12):1395-6 (Eng. Abstr.) (Fre)

[Ophthalmologic manifestations disclosing pheochromocytoma: apropos of 3 cases] Karsenti G, et al. **Bull Soc Ophtalmol Fr** 1984 Aug-Sep;84(8-9):1001-5 (Fre)

[Ocular manifestations of botulism. Apropos of 3 cases] Laroche L, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):555-8 (Eng. Abstr.) (Fre)

[Role of eye manifestations in chlamydioses] Vedy J, et al. **Med Trop (Mars)** 1985 Jan-Mar;45(1):35-41 (Eng. Abstr.) (Fre)

[The eye and diabetes] Daghfous MT, et al. **Tunis Med** 1982 Jul-Aug;60(4):72-83 (Fre)

[Eye symptoms in hypophyseal adenomas, craniopharyngiomas and meningiomas of the anterior and middle cranial fossa] Herold S, et al. **Klin Monatsbl Augenheilkd** 1984 Dec;185(6):495-504 (Eng. Abstr.) (Ger)

[Eye changes following bone marrow transplantation] Nonnenmacher A, et al. **Klin Monatsbl Augenheilkd** 1985 Jan;186(1):34-5 (Eng. Abstr.) (Ger)

[Leukemic ophthalmopathy: results of a retrospective analysis by the Italian Pediatric Group for the Study of Acute Leukemia] Lo Curto M, et al. **Haematologica (Pavia)** 1985 Mar-Apr;70(2):143-7 (Eng. Abstr.) (Ita)

[Posttraumatic hypotension of the eye (clinical characteristics and treatment)] Venger GE. **Oftalmol Zh** 1984;(7):410-4 (Eng. Abstr.) (Rus)

[Syphilis and the organ of vision] Romanenko GF, et al. **Vestn Dermatol Venerol** 1985 Mar;(3):25-30 (69 ref.) (Rus)

[Visual function in agricultural workers and its relation to working conditions] Kucheriavyi NI, et al. **Vestn Oftalmol** 1984 Nov-Dec;(6):54-8 (Eng. Abstr.) (Rus)

[Endocrine ophthalmopathy and autoimmune thyroid diseases] Karlsson A, et al. **Lakartidningen** 1985 Jul 10;82(28-29):2504-7 (Swe)

FAMILIAL & GENETIC

Bayes' theorem and X-linked ophthalmic disorders. Nowakowski RW. **Am J Optom Physiol Opt** 1984 Oct;61(10):643-6

Familial Richner-Hanhart syndrome: genetic, clinical, and metabolic studies. Sammartino A, et al. **Ann Ophthalmol** 1984 Nov;16(11):1069-74

Genetic counseling: a measure of preventing monogenic disorders in ophthalmology. Leroy J. **Bull Soc Belge Ophtalmol** 1983;208(Pt 2):97-101

Multifactorial or polygenic inheritance in ophthalmology. François J. **Dev Ophthalmol** 1985;10:1-39

Ophthalmological manifestations: a case of familial giant cell arteritis. Novak MA, et al. **Md State Med J** 1984 Oct;33(10):817-20

Prenatal diagnostic techniques. Chorionic villus sampling. Ullman S, et al. **Surv Ophthalmol** 1985 Jul-Aug;30(1):33-40

HISTORY

[Goethe's eye disease] Hruby K. **Klin Monatsbl Augenheilkd** 1984 Jul;185(1):61-3 (Eng. Abstr.) (Ger)

[The patron saint of eye disease sufferers] Orlowski WJ **Klin Oczna** 1984 May;86(5):231-5 (Pol)

IMMUNOLOGY

Anaphylaxis of ocular adnexa induced by infection of anti-IgE antibody. Allansmith MR, et al. **Exp Eye Res** 1985 Jun;40(6):797-804

Immunology of ocular chlamydial infections. Dawson CR. **Int Ophthalmol Clin** 1985 Summer;25(2):95-106

Immune complexes in ocular disease. Lowder CY, et al. **Int Ophthalmol Clin** 1985 Summer;25(2):143-51

Immunology of ocular chlamydial infections. Dawson CR. **Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique** 1984;(1):13-23, 27-36 (Eng, Fre)

Autoimmune mechanisms in inflammatory eye disease. Dumonde DC, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 3):232-8

Chronic intraocular inflammation. Forrester JV. **Trans Ophthalmol Soc UK** 1985;104 (Pt 3):250–5 (26 ref.)

The defence mechanism of the outer eye. Smolin G. **Trans Ophthalmol Soc UK** 1985;104 (Pt 4):363–6

Mucosal immunity and the eye. Watt PJ, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 4):367–73

METABOLISM

Hyaloid membrane vs posterior capsule as a protective barrier [letter] Wand M. **Arch Ophthalmol** 1985 Aug; 103(8):1112–3

Role of oxygen radicals in ocular inflammation and cellular damage. Mittag T. **Exp Eye Res** 1984 Dec;39(6):759–69

[Type II oculo-cutaneous tyrosinosis] Gounod N, et al. **Ann Dermatol Venereol** 1984;111(8):697–8 (Fre)

MICROBIOLOGY

Ocular staphylococcal infections [letter] Okumoto M, et al. **Am J Ophthalmol** 1984 Nov;98(5):651–2

In vitro antibacterial activity of norfloxacin and other agents against ocular pathogens. Shungu DL, et al. **Chemotherapy** 1985;31(2):112–8

[Quick diagnosis of eye infections caused by adenoviruses (letter)] Denoyel GA, et al. **Presse Med** 1985 Jan 12; 14(1):45–6 (Fre)

MORTALITY

Survival of elderly ophthalmic out-patients. Bengtsson B. **Acta Ophthalmol (Copenh)** 1984 Oct;62(5):725–30

OCCURRENCE

Ocular findings in leprosy in the United States. Spaide R, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):411–6

Multivariate methods in ophthalmology with application to other paired-data situations. Rosner B. **Biometrics** 1984 Dec;40(4):1025–35

Survey of ophthalmic conditions in a Labrador community: II. Ocular disease. Johnson GJ, et al. **Can J Ophthalmol** 1984 Aug;19(5):224–33

A study of ocular complications in leprosy. Prasad VN, et al. **Ind J Lepr** 1984 Apr–Jun;56(2):241–50

A clinical study of eye complications in leprosy. Rawal RC, et al. **Ind J Lepr** 1984 Apr–Jun;56(2):232–40

The prevalence of corneal arcus senilis in known insulin-dependent diabetic patients. Alexander LJ. **J Am Optom Assoc** 1985 Jul;56(7):556–9

Paediatric ophthalmic problems in Nigeria. Abiose A. **J Trop Pediatr** 1985 Feb;31(1):30–5

A study of the prevalence of eye disease in the elderly in an English community. Gibson JM, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):196–203

Ophthalmic findings in very low birth weight children. Hammer HM, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 3):329–31

[Prevalence of blindness and eye diseases in an outer suburban district of Beijing] Zhang XL. **Chung Hua Yen Ko Tsa Chih** 1984 Mar;20(2):99–102 (Chi)

[A ophthalmological survey of aged in a Japanese town (Nambu-cho, Yamanashi Pref.)] Izawa Y, et al. **Nippon Ganka Gakkai Zasshi** 1984 Jul;88(7):1059–67 (Eng. Abstr.) (Jpn)

[Diseases of the adnexa oculi in immigrant and native inhabitants of the Chukchi Peninsula] Lantukh VV. **Oftalmol Zh** 1985;(3):186 (Rus)

[Incidence of eye diseases in different regions of the world] Topalova AV, et al. **Oftalmol Zh** 1984;(6):374–7 (Rus)

PARASITOLOGY

Ascaridoid larva (Nematoda) from the eye of a child in Uganda. Beaver PC, et al. **Am J Trop Med Hyg** 1984 Nov; 33(6):1272–4

Ocular onchocerciasis. Diagnosis and current clinical approaches. O'Day J, et al. **Trop Doct** 1985 Apr;15(2):87–94 (25 ref.)

PATHOLOGY

Intraocular cysticercosis. Kruger-Leite E, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):252–7

Microvascular aspects of acquired immune deficiency syndrome retinopathy. Newsome DA, et al. **Am J Ophthalmol** 1984 Nov;98(5):590–601

Computer-assisted composition and reproduction of ophthalmic documentation. Rosenwasser GO, et al. **Am J Ophthalmol** 1985 Jun 15;99(6):711–4

Vascular casting and scanning electron microscopy of human ocular vascular abnormalities. Fryczkowski AW, et al. **Arch Ophthalmol** 1985 Jan;103(1):118–20

Epidemiology of presumed ocular histoplasmosis [editorial] Ganley JP. **Arch Ophthalmol** 1984 Dec;102(12):1754–6

Anterior chamber angle in the exfoliation syndrome. Wishart PK, et al. **Br J Ophthalmol** 1985 Feb;69(2):103–7

Phthisis bulbi—an intraocular fluoride proliferative reaction. Stefani FH. **Dev Ophthalmol** 1985;10:78–160

GM1 gangliosidosis, type 2: ocular clinicopathologic correlation. Cairns LJ, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;222(2):51–62

Ocular inflammation in autoimmune MRL/Mp mice. Jabs DA, et al. **Invest Ophthalmol Vis Sci** 1985 Sep;26(9):1223–9

Chronic ophthalmic Wegener's granulomatosis. Coppeto JR, et al. **J Clin Neuro Ophthalmol** 1985 Mar;5(1):17–25

Exogenous intraocular nocardiosis. Chiemchaisri YW, et al. **J Med Assoc Thai** 1985 Jan;68(1):29–32

Proliferative vitreoretinopathy: the rabbit cell injection model for screening of antiproliferative drugs. Wiedemann P, et al. **J Pharmacol Methods** 1984 Aug;12(1):69–78

Acquired immune deficiency syndrome. Pathogenic mechanisms of ocular disease. Pepose JS, et al. **Ophthalmology** 1985 Apr;92(4):472–84

Fine needle aspiration biopsy in ophthalmology. Midena E, et al. **Surv Ophthalmol** 1985 May–Jun;29(6):410–22 (109 ref.)

[Clinical value of examination of the corneal endothelium by specular microscopy] Malaise-Stals J, et al. **Bull Soc Belge Ophtalmol** 1984;209:5–12 (Eng. Abstr.) (Fre)

[Fucosidosis. Ocular ultrastructure] Libert J. **J Fr Ophtalmol** 1984;7(8–9):519–27 (Eng. Abstr.) (Fre)

[Pathology of the vitreoretinal interface] Sahel J. **J Fr Ophtalmol** 1985;8(4):353–69 (Eng. Abstr.) (Fre)

[Comparative study of echographic and morphological finding in experimental vitreous hemorrhage] Nagao K. **Nippon Ganka Gakkai Zasshi** 1984 May;88(5):891–901 (Eng. Abstr.) (Jpn)

[Basic study on pars plana vitrectomy. Part 5. Effects of the pars plana vitrectomy on the macula of the monkey eyes using experimental vitreous hemorrhage] Shimada H, et al. **Nippon Ganka Gakkai Zasshi** 1984 May;88(5):856–72 (Eng. Abstr.) (Jpn)

[Course and outcome of intraocular hemorrhage] Makarova VP, et al. **Oftalmol Zh** 1984;(7):427–9 (Eng. Abstr.) (Rus)

[Experimental hypotension of the eye. Rabbit hyalocytes in tissue culture] Rykov VA, et al. **Oftalmol Zh** 1984;(5):311–3 (Eng. Abstr.) (Rus)

[Bullous muco-synechial dermatitis atrophicans. Development and current nosological status] Molina Leguizamon EB, et al. **Med Cutan Ibero Lat Am** 1984; 12(5):421–8 (Eng. Abstr.) (Spa)

PHYSIOPATHOLOGY

Evaluating visual loss with multi-flash campimetry. Overbury O, et al. **Can J Ophthalmol** 1984 Oct;19(6):255–60

Species differences in the responses of the eye to irritation and trauma: a hypothesis of divergence in ocular defense mechanisms, and the choice of experimental animals for eye research. Bito LZ. **Exp Eye Res** 1984 Dec;39(6):807–29 (103 ref.)

Evidence of extraocular muscle restriction in autoimmune thyroid disease. Gamblin GT, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):167–71

Tear water evaporation and eye surface diseases. Rolando M, et al. **Ophthalmologica** 1985;190(3):147–9

[Richner-Hanart syndrome without skin involvement] Gramet C, et al. **Bull Soc Ophtalmol Fr** 1984 Feb; 84(2):129–30 (Eng. Abstr.) (Fre)

[Pulfrich phenomenon] Lanthony P. **J Fr Ophtalmol** 1984; 7(8–9):575–87 (Eng. Abstr.) (Fre)

[Evaluation of the condition of the oculomotor apparatus in endocrine ophthalmopathies] Tiutiunikova AM. **Oftalmol Zh** 1984;(6):342–4 (Eng. Abstr.) (Rus)

[Characteristics of the adaptation and climate-geography pathology of the eyes in the inhabitants of the northeastern USSR] Lantukh VV. **Vestn Oftalmol** 1985 Mar–Apr; 101(2):67–9 (8 ref.) (Rus)

PREVENTION & CONTROL

Eye safety and health programs can improve productivity and profits. David N, et al. **Occup Health Saf** 1985 Aug; 54(8):37–40

[Experience in training future physicians for performing health education work among the population to prevent eye diseases and injuries] Krasnikov PG, et al. **Oftalmol Zh** 1984;(4):243–4 (Rus)

PSYCHOLOGY

Functional disease in neuro-ophthalmology. Smith CH, et al. **Neurol Clin** 1983 Nov;1(4):955–71 (30 ref.)

RADIOGRAPHY

Intravenous digital subtraction angiography and its role in ocular vascular disease. Hedges TR Jr, et al. **Arch Ophthalmol** 1985 May;103(5):666–9

Neuroimaging in neuro-ophthalmology. Grossman RI, et al. **Neurol Clin** 1983 Nov;1(4):831–57 (52 ref.)

Computed tomographic analysis of deformity and dimensional changes in the eyeball. Osborne DR, et al. **Radiology** 1984 Dec;153(3):669–74

[X-ray computed tomography in ophthalmology. Evaluation of 2 1/2 years of use] Larmande J, et al. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1127–37 (Eng. Abstr.) (Fre)

[Computed tomography in ophthalmology] Kugoeva EE, et al. **Vestn Oftalmol** 1985 May–Jun;101(3):60–5 (109 ref.) (Rus)

REHABILITATION

[Current tasks in preventing disability in connection with a single system of organizing the rehabilitative treatment of eye patients in the Ukrainian SSR] Puchkovskaia NA, et al. **Oftalmol Zh** 1984;(4):193–6 (Eng. Abstr.) (Rus)

SURGERY

Ophthalmology operating room standards and infection control concerns. Saravolatz LD, et al. **Am J Infect Control** 1984 Oct;12(5):271–5

Surgical treatment of retinal detachments complicated by proliferative vitreoretinopathy. de Bustros S, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):694–9

Penetrating keratoplasty in megalophthalmos. Hamilton RS, et al. **Ann Ophthalmol** 1984 Aug;16(8):724–6

Postoperative ocular infections: an analysis of laboratory data on 750 cases. Mahajan VM. **Ann Ophthalmol** 1984 Sep; 16(9):847–8

Perioperative prevention of infection in ophthalmic surgery. Radda TM, et al. **Antibiot Chemother** 1985;33:184–97

Aphakic cystoid macular edema. A hypothesis [editorial] Jampol LM. **Arch Ophthalmol** 1985 Aug;103(8):1134–5

Gas gangrene infection of the eyes and orbits. Crock GW, et al. **Br J Ophthalmol** 1985 Feb;69(2):143–8

Retinal detachment with proliferative vitreoretinopathy: surgical results with scleral buckling, closed vitrectomy, and intravitreous air injection. Ho PC, et al. **Br J Ophthalmol** 1985 Aug;69(8):584–7

Microsurgery update 1982–1984. **Dev Ophthalmol** 1985; 11:1–206

Clinical evaluation of centbucridine in ophthalmic surgery. Gupta PP, et al. **Indian J Med Res** 1985 Feb;81:230–3

Surgical management of hemodialysis patients. Spitzberg DH. **Indiana Med** 1985 Apr;78(4):308–12

Managing dense retropseudophakos membranes with a pars plana vitrectomy. Menezo JL, et al. **J Am Intraocul Implant Soc** 1985 Jan;11(1):24–7

Nd-YAG laser in our experience. Balacco-Gabrieli C, et al. **Ophthalmologica** 1985;190(2):112–7

Long-term diabetic vitrectomy results. Report of 10 year follow-up. Blankenship GW, et al. **Ophthalmology** 1985 Apr;92(4):503–6

Diabetic dense premacular hemorrhage. A possible indication for prompt vitrectomy. O'Hanley GP, et al. **Ophthalmology** 1985 Apr;92(4):507–11

Argon laser destruction of anterior chamber implantation cysts. Sugar J, et al. **Ophthalmology** 1984 Sep;91(9):1040–4

Laser therapy for eye disorders. Mensher JH. **Postgrad Med** 1984 Nov 15;76(7):51–6

Lasers in ophthalmology. Bloom LH, et al. **Surg Clin North Am** 1984 Oct;64(5):1013–24

The ambulatory ophthalmic surgery unit: concepts, regulations, and guidelines. Aquavella JV. **Surv Ophthalmol** 1985 Mar–Apr;29(5):366–70

Neodymium-YAG laser in ophthalmic practice—principles and early experience. Jagger JD, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):181–90

Equine ocular cosmesis. Lavach JD, et al. **Vet Clin North Am [Large Anim Pract]** 1984 Nov; 6(3):489–99 (6 ref.)

[Treatment of persistent ocular pain by radio-frequency current in thermocoagulation] Gao YQ. **Chung Hua Yen Ko Tsa Chih** 1984 Sep;20(5):299–301 (Chi)

[Cüppers fadenoperation on the superior rectus. Apropos of 80 cases] Raspiller A, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:471–3 (Fre)

[Comparison between the Nd YAG Q-switched laser and the mode-switched type. Preliminary note] Peters O, et al. **Bull Soc Belge Ophtalmol** 1983;207:121–7 (Eng. Abstr.) (Fre)

[Remote treatment of expulsive hemorrhage in cataract surgery] Brasseur G, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):497–9 (Eng. Abstr.) (Fre)

[The appropriateness of our therapeutic attitude to expulsive hemorrhage] Bordeianu CD. **J Fr Ophtalmol** 1984; 7(4):313–20 (Eng. Abstr.) (Fre)

[Premedication in local anesthesia] Honegger H, et al. **Fortschr Ophthalmol** 1984;81(3):234–7 (Eng. Abstr.) (Ger)

[Extraction of foreign bodies in cases with complications] Gundorowa RA, et al. **Klin Monatsbl Augenheilkd** 1985 May;186(5):358–61 (Eng. Abstr.) (Ger)

[Neodymium-YAG laser, a non-invasive technique for cutting intraocular tissues] Moisseiev J, et al. **Harefuah** 1985 May 1;108(9):433–5 (Eng. Abstr.) (Heb)

[Our experience in the argon treatment of eye lesions] Popa DP, et al. **Rev Chir [Oftalmol]** 1984 Jul–Sep;28(3):193–6 (Eng. Abstr.) (Rum)

[Total vitrectomy in eyes with recurrent hemophthalmos] Batmanov IuE, et al. **Vestn Oftalmol** 1985 Jan–Feb; 101(1):24–5 (Eng. Abstr.) (Rus)

THERAPY

Clinical application of acupuncture in ophthalmology. Dabov S, et al. **Acupunct Electrother Res** 1985;10(1–2):79–93

First world eye doctor in a third world country. Some hints on how to prevent common mistakes and how to overcome common difficulties. Maus H. **Doc Ophthalmol** 1984 Jun 15;57(4):361–6

Difficulties of eye care in Africa. A paper presented at the conference of the German Committee for the Prevention of Blindness, October 1980. Taylor J. **Doc Ophthalmol** 1984 Jun 15;57(4):367–72

An expert consultation system for frontline health workers in primary eye care. Kastner JK, et al. **J Med Syst** 1984 Oct;8(5):389-97

[A computer program of ophthalmologic emergencies for nonophthalmologist-physicians] Tassy A, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):579-81 (Eng. Abstr.) **(Fre)**

[Ophthalmology: new therapeutic methods] Heinzl S. **Med Monatsschr Pharm** 1985 Feb;8(2):52-5 **(Ger)**

[Efficacy of tissue therapy in vascular pathology of the organ of vision] Semenova GS, et al. **Oftalmol Zh** 1984;(6):347-50 (Eng. Abstr.) **(Rus)**

VETERINARY

Ocular coccidioidomycosis in a cat. Angell JA, et al. **J Am Vet Med Assoc** 1985 Jul 15;187(2):167-9

Unsuccessful treatment of disseminated protothecosis in a dog. Moore FM, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):705-8

Therapeutic strategies involving antimicrobial treatment of ophthalmic disease in small animals. Peiffer RL, et al. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1172-5 (6 ref.)

Bovine thelaziasis in Iowa. Krafsur ES, et al. **J Parasitol** 1985 Jun;71(3):279-86

Symposium on large animal ophthalmology. **Vet Clin North Am [Large Anim Pract]** 1984 Nov; 6(3):433-676

Immunologically mediated ocular disease in the horse. Hines MT. **Vet Clin North Am [Large Anim Pract]** 1984 Nov; 6(3):501-12 (47 ref.)

Current concepts in equine ocular therapeutics. Lavach JD, et al. **Vet Clin North Am [Large Anim Pract]** 1984 Nov; 6(3):435-49 (14 ref.)

Immunotherapy of periocular sarcoids in horses. Lavach JD, et al. **Vet Clin North Am [Large Anim Pract]** 1984 Nov; 6(3):513-8 (17 ref.)

Congenital ocular defects in food-producing animals. Leipold HW. **Vet Clin North Am [Large Anim Pract]** 1984 Nov;6(3):577-95 (126 ref.)

Ophthalmic diseases of small domestic ruminants. Moore CP, et al. **Vet Clin North Am [Large Anim Pract]** 1984 Nov; 6(3):641-65 (93 ref.)

Equine ophthalmic emergencies. Munger RJ. **Vet Clin North Am [Large Anim Pract]** 1984 Nov; 6(3):467-87 (10 ref.)

Congenital ocular disease in the foal. Munroe GA, et al. **Vet Clin North Am [Large Anim Pract]** 1984 Nov; 6(3):519-37 (20 ref.)

Ocular manifestations of systemic diseases in cattle. Rebhun WC. **Vet Clin North Am [Large Anim Pract]** 1984 Nov; 6(3):623-39 (41 ref.)

Porcine ophthalmology. Vestre WA. **Vet Clin North Am [Large Anim Pract]** 1984 Nov; 6(3):667-76 (33 ref.)

Ocular diagnostic and therapeutic techniques in food animals. Whitley RD, et al. **Vet Clin North Am [Large Anim Pract]** 1984 Nov; 6(3):553-75

Microbiology of the equine eye in health and disease. Whitley RD, et al. **Vet Clin North Am [Large Anim Pract]** 1984 Nov;6(3):451-66 (38 ref.)

Advances in feline ophthalmology. Whitley RD, et al. **Vet Clin North Am [Small Anim Pract]** 1984 Nov; 14(6):1271-88 (40 ref.)

Ocular lesions of 6-aminonicotinamide toxicosis in rabbits. Render JA, et al. **Vet Pathol** 1985 Jan;22(1):72-7

Ocular lesions of bovine malignant catarrhal fever. Whiteley HE, et al. **Vet Pathol** 1985 May;22(3):219-25

Entropion in sharpeis and CPRA in briards [letter] Bedford PG. **Vet Rec** 1985 Mar 9;116(10):274

Factors influencing the penetration of therapeutic substances into the eye following topical application. Piercy DW. **Vet Rec** 1985 Jan 26;116(4):99-104 (39 ref.)

Thelazia nematodes in the eyes of cattle [letter] Turfrey BA. **Vet Rec** 1984 Dec 15;115(24):634

Red eared terrapins [letter] Warwick C. **Vet Rec** 1985 Mar 23;116(12):331

[Chloramphenicol, contraindicated for topical use on the eye? (letter)] Slappendel RJ, et al. **Tijdschr Diergeneeskd** 1985 Feb 15;110(4):143-4 (Eng. Abstr.) **(Dut)**

[Abnormal findings in the ocular fundi of colony-born cynomolgus monkeys] Suzuki MT, et al. **Jikken Dobutsu** 1985 Apr;34(2):131-40 (Eng. Abstr.) **(Jpn)**

EYE FOREIGN BODIES

Shape factor in the penetration of intraocular foreign bodies. Potts AM, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):183-7

Experimental ocular siderosis after extrabulbar administration of iron. Gerkowicz K, et al. **Br J Ophthalmol** 1985 Feb; 69(2):149-53

Beetle injury of cornea. Mohan K, et al. **Indian J Ophthalmol** 1984 Jan-Feb;32(1):29-30

COMPLICATIONS

Late keratopathy due to intraocular sand particles. A case history with misleading tests for allergy. Fledelius HC, et al. **Acta Ophthalmol (Copenh)** 1984 Dec;62(6):1014-8

Larval conjunctivitis: a case report. Mucia JJ, et al. **Ann Emerg Med** 1985 Sep;14(9):909-11

Nocardia keratitis. Climenhaga DB, et al. **Can J Ophthalmol** 1984 Oct;19(6):284-6

Pseudallescheria boydii (Petriellidium boydii) infection of the orbit. Nunery WR, et al. **Ophthalmic Surg** 1985 May; 16(5):296-300

[Electroretinographic findings in perforating injuries by intraocular foreign bodies] Garve U. **Fortschr Ophthalmol** 1984;81(5):416-7 (Eng. Abstr.) **(Ger)**

[Exacerbating factors and an analysis of their joint effect on the formation of adhesions and the appearance of tractional retinal detachment following the diascleral removal of intraocular fragments] Gundorova RA, et al. **Oftalmol Zh** 1984;(3):159-62 (Eng. Abstr.) **(Rus)**

[Intra-arterial antibiotic administration in treating post-traumatic suppurative endophthalmitis] Val'kova IV, et al. **Vestn Oftalmol** 1985 Jan-Feb;101(1):30-1 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Intraocular graphite pencil lead without reaction. Honda Y, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):494-5

[A rare case of the presence of a drop of fat in the anterior chamber] Denisova VI. **Oftalmol Zh** 1985;(1):61-2 **(Rus)**

[Electronic location of foreign bodies in the eye] Bykov VP, et al. **Vestn Oftalmol** 1985 Mar-Apr;101(2):42-5 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Experimental investigations on the effect of desferrioxamine on the aqueous level of iron administered intraorbitally. Gerkowicz K, et al. **Ophthalmologica** 1984;189(3):139-42

ETIOLOGY

Ocular myiasis: mobile conjunctival foreign body. Corrin R, et al. **Can Med Assoc J** 1985 Jun 1;132(11):1291-2

PATHOLOGY

[Spontaneously healed retinal detachment after the extraction of an undiagnosed intraocular foreign body] Cernea P, et al. **Rev Chir [Oftalmol]** 1984 Jul-Sep;28(3):231-4 (Eng. Abstr.) **(Rum)**

[Intraocular foreign body of an artiphakic eye] Sergienko NM. **Vestn Oftalmol** 1984 Sep-Oct;(5):63-4 **(Rus)**

RADIOGRAPHY

Limitations of computerized tomography in the localization of intraocular foreign bodies. Topilow HW, et al. **Ophthalmology** 1984 Sep;91(9):1086-91

[Localization of intraocular foreign bodies based on anatomical landmarks in radiography] An JX. **Chung Hua Yen Ko Tsa Chih** 1985 Mar;21(2):85-7 **(Chi)**

[Radiation technique for the YD-I photo-electro-controliable positioner for intraocular foreign bodies] Hu CH, et al. **Ssu Chuan I Hsueh Yuan Hsueh Pao** 1985 Mar;16(1):66-8 (Eng. Abstr.) **(Chi)**

[Contribution of computer tomography to the localization of intraocular foreign bodies. Case report] Vlková E, et al. **Cesk Oftalmol** 1984 Sep;40(5):282-5 (Eng. Abstr.) **(Cze)**

[A computer program for the reliable evaluation of Comberg roentgen images] Weder W. **Fortschr Ophthalmol** 1984; 81(3):221-4 (Eng. Abstr.) **(Ger)**

[A table for the x-ray localization of eye foreign bodies in the operating room] Posazhennikov AP, et al. **Oftalmol Zh** 1984;(4):248-9 **(Rus)**

SURGERY

Ocular BB injuries. Sternberg P Jr, et al. **Ophthalmology** 1984 Oct;91(10):1269-77

An unusual intraocular foreign body [letter] Parsons G, et al. **Papua New Guinea Med J** 1984 Mar;27(1):45

[Clinical analysis of 122 cases of foreign bodies in the anterior chamber] Yang SC. **Chung Hua Yen Ko Tsa Chih** 1985 Mar;21(2):88-91 **(Chi)**

[Role of vitrectomy in the treatment of intraocular foreign bodies] Ravault MP, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1285-6, 1289 **(Fre)**

[Unusual foreign bodies of the orbits] Sommer G. **Aktuel Traumatol** 1985 Apr;15(2):71-2 (Eng. Abstr.) **(Ger)**

[Diagnostic and therapeutic problems in the treatment of intraocular non-magnetic foreign bodies] Mićović V, et al. **Fortschr Ophthalmol** 1984;81(3):217-20 (Eng. Abstr.) **(Ger)**

[Extraction of foreign bodies in cases with complications] Gundorowa RA, et al. **Klin Monatsbl Augenheilkd** 1985 May;186(5):358-61 (Eng. Abstr.) **(Ger)**

[Double perforation of the lens by an intraocular foreign body] Trinkmann R, et al. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):307-9 (Eng. Abstr.) **(Ger)**

[Eccentric tectonic mini-keratoplasty in corneal, corneoscleral and scleral processes] Völcker HE, et al. **Klin Monatsbl Augenheilkd** 1984 Sep;185(3):158-66 (Eng. Abstr.) **(Ger)**

[Instrument for the extraction of nonmagnetic intravitreous foreign bodies] Horge I, et al. **Rev Chir [Oftalmol]** 1984 Jul-Sep;28(3):207-9 (Eng. Abstr.) **(Rum)**

[Current methods of surgical treatment of eye injuries in the presence of foreign bodies in agricultural workers] Gundorova RA, et al. **Vestn Oftalmol** 1984 Nov-Dec; (6):15-7 (Eng. Abstr.) **(Rus)**

THERAPY

Management of corneal foreign bodies. Newell SW. **Am Fam Physician** 1985 Feb;31(2):149-56 (14 ref.)

Eyeball injury due to fish hook. Hung SO, et al. **J Trauma** 1984 Nov;24(11):997-8

[Intraocular foreign bodies. The experience of the Baia Mare Ophthalmology Section in treating nonmagnetic intraocular foreign bodies] Băgăluţ E, et al. **Rev Chir [Oftalmol]** 1984 Jul-Sep;28(3):219-24 (Eng. Abstr.) **(Rum)**

EYE INJURIES

COMPLICATIONS

Subconjunctival dislocation of a posterior chamber intraocular lens. Bene C, et al. **Am J Ophthalmol** 1985 Jan 15;99(1):85-6

Intraocular graphite pencil lead without reaction. Honda Y, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):494-5

Echographic findings in eyes with traumatic cataracts. Kaskaloglu M. **Am J Ophthalmol** 1985 Apr 15;99(4):496

Posttraumatic transient glaucoma and myopia. Romem M, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):495

Functional difficulties resulting from traumatic anisocoria. Peli E. **Am J Optom Physiol Opt** 1984 Aug;61(8):548-50

Sympathetic uveitis 66 years after injury. Zaharia MA, et al. **Can J Ophthalmol** 1984 Aug;19(5):240-3

Phthisis bulbi—an intraocular fluoride proliferative reaction. Stefani FH. **Dev Ophthalmol** 1985;10:78-160

Unilateral traumatic aphakia in children: role of corneal contact lenses. Jain IS, et al. **J Pediatr Ophthalmol Strabismus** 1985 Jul-Aug;22(4):137-9

Wills Eye Hospital Traumatic Hyphema Study. Cassel GH, et al. **Ophthalmic Surg** 1985 Jul;16(7):441-3

Intra-ocular tuberculosis associated with a penetrating injury. A case report. Murray RI, et al. **S Afr Med J** 1985 Apr 13;67(15):603-4

[Glaucoma associated with traumatic dislocation of the lens] Chen YC. **Chung Hua Yen Ko Tsa Chih** 1985 Jan;21(1):23-6 **(Chi)**

[Effect of corticosteroid on sympathetic ophthalmia in perforating eye injuries] Hu CZ. **Chung Hua Yen Ko Tsa Chih** 1985 Mar;21(2):82-4 **(Chi)**

[Clinical research on angle recession after blunt trauma] Zhang SF. **Chung Hua Yen Ko Tsa Chih** 1985 Jan; 21(1):19-22 **(Chi)**

[Treatment of traumatic cataracts in children] Vymazal M, et al. **Cesk Oftalmol** 1984 Sep;40(5):299-303 (Eng. Abstr.) **(Cze)**

[Microsurgery of retinal detachment after perforating injury] Bonnet M. **J Fr Ophtalmol** 1984;7(12):801-6 (Eng. Abstr.) **(Fre)**

[Direct cyclopexy following operative and traumatic cyclodialysis] Demeler U. **Fortschr Ophthalmol** 1984; 81(5):466-8 (Eng. Abstr.) **(Ger)**

[Electroretinographic findings in perforating injuries by intraocular foreign bodies] Garve U. **Fortschr Ophthalmol** 1984;81(5):416-7 (Eng. Abstr.) **(Ger)**

[Trauma and herpes] Sundmacher R. **Fortschr Ophthalmol** 1984;81(5):409-15 (Eng. Abstr.) **(Ger)**

[Contusion cataract and lens dislocation] Völcker HE. **Fortschr Ophthalmol** 1984;81(4):308-11 (Eng. Abstr.) **(Ger)**

[A case of post-traumatic paralytic convergent strabismus treated surgically with subsequent return of binocular vision] Pojda SM. **Klin Oczna** 1984 Oct;86(10):445-6 (Eng. Abstr.) **(Pol)**

[Effectiveness of the conservative treatment in posttraumatic endophthalmitis] Belianin AF. **Oftalmol Zh** 1984;(5):274-6 (Eng. Abstr.) **(Rus)**

[Closed vitrectomy in treating posttraumatic endophthalmitis] Gundorova RA, et al. **Oftalmol Zh** 1984; (5):267-9 (Eng. Abstr.) **(Rus)**

[Our experience in the intensive care of traumatic endophthalmitis] Gytsu FI, et al. **Oftalmol Zh** 1984; (5):269-70 (Eng. Abstr.) **(Rus)**

[Prevention of intraocular bacterial wound infection] Iuzhakov AM. **Oftalmol Zh** 1984;(5):272-4 (Eng. Abstr.) **(Rus)**

[Closed vitrectomy in traumatic hemophthalmos] Logai IM, et al. **Oftalmol Zh** 1985;(1):7-9 (Eng. Abstr.) **(Rus)**

[Role of the primary and secondary aqueous humor in the development of traumatic cataract] Logai IM, et al. **Oftalmol Zh** 1984;(6):371-4 (Eng. Abstr.) **(Rus)**

[Current aspects of the treatment of traumatic endophthalmitis] Logai IM, et al. **Oftalmol Zh** 1984; (5):257-62 (60 ref.) (Eng. Abstr.) **(Rus)**

[Early clinical signs of wound infection of the eye] Mikhaĭlov AI. **Oftalmol Zh** 1984;(5):262-4 (Eng. Abstr.) **(Rus)**

[Efficacy of microsurgical procedures in post-traumatic glaucoma in children] Sorochinskaia TA. **Oftalmol Zh** 1984; (6):325-7 (Eng. Abstr.) **(Rus)**

[Posttraumatic hypotension of the eye (clinical characteristics and treatment)] Venger GE. **Oftalmol Zh** 1984;(7):410-4 (Eng. Abstr.) **(Rus)**

[Pathogenetic approach to the treatment of posttraumatic glaucoma. 1. Pathogenetic classification] Gundorova RA, et al. **Vestn Oftalmol** 1985 Jan–Feb;101(1):8–12 (Eng. Abstr.) **(Rus)**

[Chromatic ERG for assessing retinal function in traumatic hemorrhages into the vitreous body] Lautkina LIa, et al. **Vestn Oftalmol** 1984 Sep–Oct;(5):57–60 (Eng. Abstr.) **(Rus)**

[Intra-arterial antibiotic administration in treating post-traumatic suppurative endophthalmitis] Val'kova IV, et al. **Vestn Oftalmol** 1985 Jan–Feb;101(1):30–1 (Eng. Abstr.) **(Rus)**

[Pathogenetic approach to the treatment of posttraumatic subatrophy of the eye] Verigo EN, et al. **Vestn Oftalmol** 1985 May–Jun;101(3):26–30 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Emergency management of injuries to the eye and adnexa. Kozart DM, et al. **Emerg Med Clin North Am** 1984 Nov; 2(4):883–98

[Additional diagnosis in primary and secondary care: echography] Gerke E. **Fortschr Ophthalmol** 1984; 81(5):405–8 (Eng. Abstr.) **(Ger)**

[Contusion injuries of the posterior eye segment] Wessing A, et al. **Fortschr Ophthalmol** 1984;81(5):395–400 (Eng. Abstr.) **(Ger)**

[Eye injuries as a cause of disability in workers in agricultural production] Berko VG, et al. **Oftalmol Zh** 1984;(3):179–80 **(Rus)**

[Variation of a simplified table for recording and analyzing eye injuries] Gundorova RA, et al. **Oftalmol Zh** 1984; (6):360–3 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Treatment of traumatic hyphema [letter] Love DC. **JAMA** 1985 Jan 18;253(3):345–6

[Animal research on the drug treatment of massive periretinal proliferation following a penetrating eye injury] Behrens-Baumann W. **Fortschr Ophthalmol** 1985; 82(1):115–6 (Eng. Abstr.) **(Ger)**

[Experience in treating intraocular hemorrhage using immobilized streptokinase] Romashchenko AD, et al. **Oftalmol Zh** 1985;(3):148–51 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Oedipism and Down's syndrome: case report and review of the literature. Kinnas SJ, et al. **Ann Ophthalmol** 1985 Jul; 17(7):431–3

Glass furniture hazard [letter] Cole GF, et al. **Arch Dis Child** 1984 Dec;59(12):1198

Severe ocular injuries from orthodontic headgear. Holland GN, et al. **Arch Ophthalmol** 1985 May;103(5):649–51

Ocular trauma resulting from the explosive rupture of a liquid center golf ball. Farley KG. **J Am Optom Assoc** 1985 Apr; 56(4):310–4

Eye damage from Christmas trees [letter] Brazier DJ. **Lancet** 1984 Dec 8;2(8415):1335

Eye-safety requirements for Nd:YAG laser application in gastroenterology, urology, and neurosurgery. Frank F, et al. **Lasers Surg Med** 1984;4(3):233–40

An eye for cricket. Ocular injuries in indoor cricketers. Coroneo MT. **Med J Aust** 1985 Apr 15;142(8):469–71

Eye injury from plant sap of Pedilanthus tithymaloides Poit. Lim TK, et al. **Singapore Med J** 1984 Dec;25(6):412–9

Accidental dopamine in the eye. Strauss R. **West J Med** 1985 Mar;142(3):397–8

[Ocular damage in the laser industry] Marmur U, et al. **Harefuah** 1985 Apr 1;108(7):357–8 (Eng. Abstr.) **(Heb)**

[Case of penetrating wound to the eye from a fishhook] Neskreba EF, et al. **Vestn Oftalmol** 1985 May–Jun;101(3):70 **(Rus)**

[Injuries due to laser rays in workers in the graphics industry] Kocijančič M. **Arh Hig Rada Toksikol** 1984 Jun;35(2):181–5 (Eng. Abstr.) **(Ser)**

[Socioeconomic repercussions of ocular injuries due to foreign bodies] Fernández Aguilar JC. **Salud Publica Mex** 1985 Jan–Feb;27(1):66–70 (Eng. Abstr.) **(Spa)**

METABOLISM

Change in vitreous collagen after penetrating injury. Raymond LA, et al. **Ophthalmic Res** 1985;17(2):102–5

OCCURRENCE

Eye injuries in Canadian amateur hockey. Pashby T. **Can J Ophthalmol** 1985 Feb;20(1):2–4

[Eye injuries in Tunisian children] Ayed S, et al. **Tunis Med** 1983 Jan–Feb;61(1):23–5 **(Fre)**

[Eye injuries in children] Dolev Z, et al. **Harefuah** 1985 Feb 15;108(4):190–2 (Eng. Abstr.) **(Heb)**

[Eye injuries in the Mordovian ASSR in 1977–1981] Kulikova MP, et al. **Oftalmol Zh** 1984;(8):505–6 **(Rus)**

PATHOLOGY

Multivariate analysis of prognostic factors in penetrating ocular injuries. Sternberg P Jr, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):467–72

Identification of synapses formed by the aberrant, uncrossed retinogeniculate projection in the hamster after neonatal monocular enucleation. Campbell G, et al. **Brain Res** 1985 Jul;353(1):137–40

Increased adrenergic projection from the locus coeruleus to the lateral geniculate nucleus of rats following one-eye-removal at birth. Nakamura S, et al. **Brain Res** 1984 Aug;317(2):283–5

Increased projection from the locus coeruleus to the lateral geniculate nucleus and visual cortex in young adult rats following unilateral enucleation. Nakamura S, et al. **Neurosci Lett** 1984 Aug 24;49(1–2):77–80

Choroidal rupture. A histopathologic study of 47 cases. Aguilar JP, et al. **Retina** 1984 Fall–Winter;4(4):269–75

Traumatic posterior vitreous detachment: scanning electron microscopy of an experimental model in the monkey eye. Hsu HT, et al. **Scan Electron Microsc** 1984;(Pt 3):1361–8

Autoenucleation. Krauss HR, et al. **Surv Ophthalmol** 1984 Nov–Dec;29(3):179–87

[Fibrous proliferation in the vitreous after perforating injury of the posterior segment of the rabbit eye] Hui YN. **Chung Hua Yen Ko Tsa Chih** 1985 Mar;21(2):75–7 **(Chi)**

[Clinical and histologic aspects of the most severe eye contusions and ruptures following military explosion injuries] Lemmen K, et al. **Fortschr Ophthalmol** 1984; 81(4):312–4 (Eng. Abstr.) **(Ger)**

[Histopathology of perforating eye injuries] Fuchs U, et al. **Klin Monatsbl Augenheilkd** 1985 May;186(5):331–6 (Eng. Abstr.) **(Ger)**

[Gonioscopic changes caused by blunt eyeball injuries in sports] Gračner B, et al. **Klin Monatsbl Augenheilkd** 1985 Feb;186(2):128–30 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Corneal blood staining at low pressures. Beyer TL, et al. **Arch Ophthalmol** 1985 May;103(5):654–5

Ocular blood flow after experimental alkali burns and prostaglandin administration. Green K, et al. **Arch Ophthalmol** 1985 Apr;103(4):569–71

In vitro measurement of contractile force of transvitreal membranes formed after penetrating ocular injury. Kirmani M, et al. **Arch Ophthalmol** 1985 Jan;103(1):107–10

Early unilateral eye removal produces a regional gradient in soma sizes in the uncrossed projection from the remaining eye. Jeffery G. **Brain Res** 1985 Mar;351(1):155–9

The postnatal development of retinocollicular projections in normal hamsters and in hamsters following neonatal monocular enucleation: a horseradish peroxidase tracing study. Woo HH, et al. **Brain Res** 1985 May;352(1):1–13

Effects of neonatal and late unilateral enucleation on optokinetic responses and optic nerve projections in the rabbit. Collewijn H, et al. **Exp Brain Res** 1984;57(1):138–50

[Experimental study of perforating eye injury—the role of prostaglandin in traumatic reactions] Wang ME. **Chung Hua Yen Ko Tsa Chih** 1985 Mar;21(2):71–4 **(Chi)**

[Choroidal circulation on ocular contusion. I. Choroidal blood flow of experimentally contused eyes] Ohno A. **Nippon Ganka Gakkai Zasshi** 1984 Dec;88(12):1497–506 (Eng. Abstr.) **(Jpn)**

[Hemodynamics in the anterior eye segment in experimental contusion] Krol' DS, et al. **Oftalmol Zh** 1985;(2):112–5 (Eng. Abstr.) **(Rus)**

[Hemodynamic characteristics of the anterior eye segment in the late period of the contusion syndrome] Krol' DS, et al. **Vestn Oftalmol** 1985 Mar–Apr;101(2):39–42 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Nonionizing radiation aspects of optical fiber manufacturing. Huggins RG, et al. **Am Ind Hyg Assoc J** 1984 Dec; 45(12):796–801

The eye and the seatbelt in Wessex. Hall NF, et al. **Br J Ophthalmol** 1985 May;69(5):317–9

Eye injuries associated with war games. Easterbrook M, et al. **Can Med Assoc J** 1985 Sep 1;133(5):415–7, 419

Safety with surgical lasers. McKenzie AL. **J Med Eng Technol** 1984 Sep–Oct;8(5):207–14

Eye safety and health programs can improve productivity and profits. David N, et al. **Occup Health Saf** 1985 Aug; 54(8):37–40

Vision losses prevented by using protective eyewear. Rosenwasser TL, et al. **Occup Health Saf** 1985 Apr; 54(4):63–6

Prevention of ocular gunshot injuries using polycarbonate lenses. Simmons ST, et al. **Ophthalmology** 1984 Aug; 91(8):977–83

Ocular BB injuries [letter] Tanz RR, et al. **Ophthalmology** 1985 Jul;92(7):984–5

[Experience in training future physicians for performing health education work among the population to prevent eye diseases and injuries] Krasnikov PG, et al. **Oftalmol Zh** 1984;(4):243–4 **(Rus)**

PSYCHOLOGY

Self-inflicted ocular removal by two psychiatric inpatients. Eisenhauer GL. **Hosp Community Psychiatry** 1985 Feb; 36(2):189–91

RADIOGRAPHY

Computed tomographic evaluation of ocular trauma. Cobb SR, et al. **Comput Radiol** 1985 Jan–Feb;9(1):1–10

Choroidal detachment and ocular hypotony: CT evaluation. Mafee MF, et al. **Radiology** 1984 Dec;153(3):697–703

REHABILITATION

[Restorative treatment during the dispensary observation of workers in the main branches of the national economy who have suffered an eye injury] Matiashina OM, et al. **Oftalmol Zh** 1985;(3):180–4 **(Rus)**

[Current tasks in preventing disability in connection with a single system of organizing the rehabilitative treatment of eye patients in the Ukrainian SSR] Puchkovskaia NA, et al. **Oftalmol Zh** 1984;(4):193–6 (Eng. Abstr.) **(Rus)**

[Social and vocational rehabilitation of the visually handicapped living in a rural locality] Ermilova LK, et al. **Vestn Oftalmol** 1984 Sep–Oct;(5):61–3 **(Rus)**

SURGERY

Blepharoplasty in treatment of other than firearm-caused defects of eyelids. Zajkova MV, et al. **Acta Chir Plast (Prague)** 1984;26(4):228–37

Treatment of a cyclodialysis cleft with argon laser photocoagulation in a patient with a shallow anterior chamber. Partamian LG. **Am J Ophthalmol** 1985 Jan 15; 99(1):5–7

The surgical management of dislocated traumatic cataracts. Zaidman GW. **Am J Ophthalmol** 1985 May 15;99(5):583–5

The use of succinylcholine in open eye surgery. Libonati MM, et al. **Anesthesiology** 1985 May;62(5):637–40

Closed microsurgery in trauma. McLeod D. **Aust J Ophthalmol** 1984 Nov;12(4):383–90

Timing of vitrectomy after penetrating ocular injuries. de Juan E Jr, et al. **Ophthalmology** 1984 Sep;91(9):1072–4

Ocular BB injuries. Sternberg P Jr, et al. **Ophthalmology** 1984 Oct;91(10):1269–77

[Treatment of rupture of the eyeball] Turut P, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):515–8 (Eng. Abstr.) **(Fre)**

[Post-traumatic iatrogenic eyeball rotation. Development and reposition] Eskici A. **Fortschr Kiefer Gesichtschir** 1985; 30:133–5 **(Ger)**

[Unusual injury of the orbit and brain caused by a pile-driver] Krüger CJ, et al. **Fortschr Ophthalmol** 1984;81(3):214–6 (Eng. Abstr.) **(Ger)**

[Keratoplasty following perforating injuries] Severin M. **Fortschr Ophthalmol** 1984;81(3):207–10 (Eng. Abstr.) **(Ger)**

[Surgical results in traumatic hemophthalmos] Glinchuk IaI. **Oftalmol Zh** 1985;(3):145–8 (Eng. Abstr.) **(Rus)**

[Plastic operations on the orbit in posttraumatic enophthalmos with dislocation of the eyeball] Volkov VV, et al. **Oftalmol Zh** 1984;(3):154–7 (Eng. Abstr.) **(Rus)**

[Current methods of surgical treatment of eye injuries in the presence of foreign bodies in agricultural workers] Gundorova RA, et al. **Vestn Oftalmol** 1984 Nov–Dec; (6):15–7 (Eng. Abstr.) **(Rus)**

THERAPY

Medical management of self-enucleation. Khan JA, et al. **Arch Ophthalmol** 1985 Mar;103(3):386–9

Pellet-gun eye injuries. Young DW, et al. **Can J Ophthalmol** 1985 Feb;20(1):9–10

[Pattern of referral of patients with acute eye injuries. A regional study] Bønløkke H, et al. **Ugeskr Laeger** 1985 Jun 3;147(23):1873–6 (Eng. Abstr.) **(Dan)**

[Fitting with artificial iris lenses in injuries of the eyeball] Chiche M, et al. **Bull Soc Ophtalmol Fr** 1984 Aug–Sep; 84(8–9):913–4 (Eng. Abstr.) **(Fre)**

[Management of severe wounds of the eyeball] Malbrel C, et al. **Bull Soc Ophtalmol Fr** 1984 Mar;84(3):313–4 (Eng. Abstr.) **(Fre)**

[Activities of the urban branch of the district specialized eye trauma center with regard to the prevention and treatment of eye injuries] Ivanov DF, et al. **Oftalmol Zh** 1985;(1):52–5 **(Rus)**

[Results of prophylactic antibacterial treatment in perforating eye wounds] Makarova SM, et al. **Oftalmol Zh** 1984; (5):276–7 (Eng. Abstr.) **(Rus)**

VETERINARY

Lens-induced uveitis in a domestic cat. Dietz HH, et al. **Nord Vet Med** 1985 Jan–Feb;37(1):10–5

Equine ophthalmic emergencies. Munger RJ. **Vet Clin North Am [Large Anim Pract]** 1984 Nov; 6(3):467–87 (10 ref.)

EYE MANIFESTATIONS

Pulsation of the eyeballs in tricuspid regurgitation. Allen SJ, et al. **Can Med Assoc J** 1985 Jul 15;133(2):119–20

Ocular manifestations of hematologic disorders. Friedman AH. **Hosp Pract [Off]** 1984 Nov;19(11):131–9

FAMILIAL & GENETIC

Walker-Warburg syndrome [letter] **Neurology** 1985 Jul; 35(7):1082–3

METABOLISM

Tear studies in ocular rosacea. Browning DJ. **Am J Ophthalmol** 1985 May 15;99(5):530–3

EYE MOVEMENTS

see related
ELECTROOCULOGRAPHY
NYSTAGMUS
SLEEP, REM

Computerized analysis of voluntary eye movements. A clinical method for evaluation of smooth pursuit and saccades in oto-neurological diagnosis. Bergenius J. **Acta Otolaryngol (Stockh)** 1984 Nov-Dec;98(5-6):490-500

Harmonic versus impulsive acceleration testing of the vestibulo-ocular reflex in normal humans. Buizza A, et al. **Acta Otolaryngol (Stockh)** 1985 Jul-Aug;100(1-2):106-11

Modulation of vestibulo-ocular reflex (VOR) by active stabilization of head to trunk. Leopold HC, et al. **Acta Otolaryngol (Stockh)** 1985 Jan-Feb;99(1-2):102-6

Eye movements in patients with speech dyspraxia. Pyykkö I, et al. **Acta Otolaryngol (Stockh)** 1984 Nov-Dec; 98(5-6):485-9

Testing of otolith function. Takeda T, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:86-90

A comparison of some processing time measures based on eye movements. Blanchard HE. **Acta Psychol (Amst)** 1985 Jan;58(1):1-15

Disorders of ocular motility in the olivopontocerebellar atrophies. Lepore FE. **Adv Neurol** 1984;41:97-103 (43 ref.)

A variety of olivopontocerebellar atrophy distinguished by slow eye movements and peripheral neuropathy. Wadia NH. **Adv Neurol** 1984;41:149-77

A comparison of the results of tonic and phasic vergence training. Daum KM. **Am J Optom Physiol Opt** 1983 Sep; 60(9):769-75

Models of mutual interactions between accommodation and convergence. Schor CM. **Am J Optom Physiol Opt** 1985 Jun;62(6):369-74

Vergence-adaptive change with a prism-induced noncomitant disparity. Sethi B, et al. **Am J Optom Physiol Opt** 1985 Mar;62(3):203-6

Adaptive changes with prolonged effect of comitant and incomitant vergence disparities. Sethi B, et al. **Am J Optom Physiol Opt** 1984 Aug;61(8):506-12

Norms for hand-held rotary prism vergences. Wesson MD, et al. **Am J Optom Physiol Opt** 1985 Feb;62(2):88-94

Clinical factors in proximal vergence. Wick B. **Am J Optom Physiol Opt** 1985 Jan;62(1):1-18

Impaired smooth pursuit eye movement: vulnerability marker for schizotypal personality disorder in a normal volunteer population. Siever LJ, et al. **Am J Psychiatry** 1984 Dec; 141(12):1560-6

Eye movements in patients with absent voluntary horizontal gaze. Baloh RW, et al. **Ann Neurol** 1985 Mar;17(3):283-6

Assessment of vestibulo-ocular reflexes in congenital nystagmus. Gresty MA, et al. **Ann Neurol** 1985 Feb; 17(2):129-36

Disturbance of smooth pursuit caused by infarction of occipitoparietal cortex. Leigh RJ, et al. **Ann Neurol** 1985 Feb;17(2):185-7

Conjugate eye deviation after acute hemispheric stroke: delayed recovery after previous contralateral frontal lobe damage. Steiner I, et al. **Ann Neurol** 1984 Oct;16(4):509-11

Effect of aging on the accuracy of visually guided saccadic eye movement. Warabi T, et al. **Ann Neurol** 1984 Oct; 16(4):449-54

Neurotransmitter receptors in amyotrophic lateral sclerosis: possible relationship to sparing of eye movements [letter] Whitehouse PJ, et al. **Ann Neurol** 1985 May;17(5):518

Saccadic velocity studies in paralytic strabismus: fixation with the paretic vs the nonparetic eye. Metz HS. **Ann Ophthalmol** 1985 Jan;17(1):37-8

Spasm of the near reflex. Nirankari VS, et al. **Ann Ophthalmol** 1980 Sep;12(9):1050-1

Surgical treatment of the upshoot and downshoot in Duanes retraction syndrome. Rogers GL, et al. **Ann Ophthalmol** 1984 Sep;16(9):841-4

Brainstem control of saccadic eye movements. Fuchs AF, et al. **Annu Rev Neurosci** 1985;8:307-37 (110 ref.)

Pharmacologic evidence for specificity of pursuit dysfunction to schizophrenia. Lithium carbonate associated with abnormal pursuit. Levy DL, et al. **Arch Gen Psychiatry** 1985 Apr;42(4):335-41

Oculomotor corollary discharge in the cat pretectum. Bon L, et al. **Arch Int Physiol Biochim** 1984 Oct;92(3):153-7

Cortical wave amplitude and eye movement direction are correlated in REM sleep but not in waking. Monaco AP, et al. **Arch Ital Biol** 1984 Sep;122(3):213-23

Bilateral pontine gaze palsy. Nuclear magnetic resonance findings in presumed multiple sclerosis. Joseph R, et al. **Arch Neurol** 1985 Jan;42(1):93-4

Pretectal pseudobobbing. Five patients with 'V'-pattern convergence nystagmus. Keane JR. **Arch Neurol** 1985 Jun; 42(6):592-4

On the notion of doll's eyes. Roberts TA, et al. **Arch Neurol** 1984 Dec;41(12):1242-3

Intraoperative adjustment of eye muscle surgery. Correction based on eye position during general anesthesia. Romano P, et al. **Arch Ophthalmol** 1985 Mar;103(3):351-3

Sideways displacement and curved path of recti eye muscles. Simonsz HJ, et al. **Arch Ophthalmol** 1985 Jan;103(1):124-8

Pursuit is impaired but the vestibulo-ocular reflex is normal in infantile strabismus. Tychsen L, et al. **Arch Ophthalmol** 1985 Apr;103(4):536-9

Eye-movement abnormalities in ophthalmoplegia, ataxia, and areflexia (Fisher's syndrome). Zasorin NL, et al. **Arch Ophthalmol** 1985 Jan;103(1):55-8

Multichannel infant reflex audiometry (MIRA) a new method for evaluating hearing in infants (preliminary results). Kauffmann G, et al. **Arch Otorhinolaryngol** 1984; 241(1):35-9

Spinocerebellar degeneration and slow saccades in three generations of a kinship: clinical and electrophysiologic findings. Niakan E, et al. **Arq Neuropsiquiatr** 1984 Sep; 42(3):232-41

Vertical ocular dysmetria—vertical rebound nystagmus and optokinetic vertical ocular dysmetria. Ohtsu K. **Auris Nasus Larynx** 1984;11(2):91-100

Audio-ocular response: saccadic programming. Traccis S, et al. **Aviat Space Environ Med** 1984 Aug;55(8):735-9

Origin of eye movements induced by high frequency rotation of the head. Vercher JL, et al. **Aviat Space Environ Med** 1984 Nov;55(11):1046-50

Development of vertical vestibulo-ocular reflex characteristics in intact and flocculectomized rabbits visually deprived from birth. Favilla M, et al. **Behav Brain Res** 1984 Sep;13(3):209-16

Latency of visually evoked saccadic eye movements. I. Saccadic latency and the facilitation model. Reulen JP. **Biol Cybern** 1984;50(4):251-62

Latency of visually evoked saccadic eye movements. II. Temporal properties of the facilitation mechanism. Reulen JP. **Biol Cybern** 1984;50(4):263-71

Limit cycle oscillations of the human eye. Scotto M, et al. **Biol Cybern** 1984;51(1):33-44

Saccade-related brain potentials in semantic categorization tasks. Marton M, et al. **Biol Psychol** 1985 May;20(3):163-84

The oculomotor behaviour of human albinos. Collewijn H, et al. **Brain** 1985 Mar;108 (Pt 1):1-28

Interaction of respiration with coughing, feeding, vision and oculomotor control in fish. Ballintijn CM, et al. **Brain Behav Evol** 1984;25(2-3):99-108

Effects of eye movements on the recognition and localization of dichotic stimuli. Hiscock M, et al. **Brain Cogn** 1985 Apr; 4(2):140-55

The effects of distance between interactants and subject anxiety on conjugate lateral eye movements. Lenhart RE. **Brain Cogn** 1985 Jul;4(3):328-37

Tonic cervical influences on eye nystagmus following hemilabyrinthectomy: immediate and plastic effects. Pettorossi VE, et al. **Brain Res** 1984 Dec 17;324(1):11-9

Frontal eye field projection to the paramedian pontine reticular formation traced with wheat germ agglutinin in the monkey. Schnyder H, et al. **Brain Res** 1985 Mar 11; 329(1-2):151-60

Monocular movement of contralateral eye following cortical stimulation in the coronal sulcus of cat. Tamai Y, et al. **Brain Res** 1984 Dec 17;324(1):138-41

Presaccadic 'spike' potential: investigation of topography and source. Thickbroom GW, et al. **Brain Res** 1985 Jul 29; 339(2):271-80

Visual patching of one eye produces changes in saccadic properties in the unseeing eye. Vilis T, et al. **Brain Res** 1985 Jan;349(1-2):290-2

Oculomotor anomalies. Huber A. **Bull Soc Belge Ophtalmol** 1983;208(Pt 2):53-61

Follow-up study of electronystagmographic findings in Friedreich's ataxia patients and evaluation of their relatives. Monday L, et al. **Can J Neurol Sci** 1984 Nov;11(4 Suppl):570-3

Saccadic intrusions and oscillations. Sharpe JA, et al. **Can J Neurol Sci** 1984 Nov;11(4):426-33

Depression in adduction syndrome. Clarke WN, et al. **Can J Ophthalmol** 1985 Feb;20(1):23-8

Ocular motility, visual acuity and dysfunction of neuropsychological impairment in children with shunted uncomplicated hydrocephalus. Zeiner HK, et al. **Childs Nerv Syst** 1985;1(2):115-22

Brainstem auditory evoked responses and quantitative saccade studies in multiple sclerosis: a comparative evaluation. Knezevic W, et al. **Clin Exp Neurol** 1984; 20:175-9

Computerized study of the velocity of the rapid eye movements. Gavilán C, et al. **Clin Otolaryngol** 1984 Jun; 9(3):191-4

Eye movements evoked from telencephalic stimulations in the piranha (Serrasalmus nattereri). Fiebig E, et al. **Comp Biochem Physiol [A]** 1985;81(1):67-70

Lateral eye movement and hemisphere asymmetry: effects of question type, task type, emotion type, and individual differences. Hatta T. **Cortex** 1984 Dec;20(4):543-56

Sidedness, writing and art. Significance in some problems related to oculomotricy. Arruga A. **Doc Ophthalmol** 1984 Aug 15;58(1):11-23

Bilateral oculomotor abnormalities in strabismic amblyopes: evidence for a common central mechanism. Bedell HE, et al. **Doc Ophthalmol** 1985 Jun 30;59(4):309-21

Late components of lambda responses in cognitive tasks. Marton M, et al. **Doc Ophthalmol** 1985 Feb;59(2):199-204

Disturbances of ocular motility after retinal detachment surgery. Peduzzi M, et al. **Doc Ophthalmol** 1984 Aug 15; 58(1):115-8

Suppression associated with esotropia with convergence excess (high AC/A ratio). Pratt-Johnson JA. **Doc Ophthalmol** 1984 Aug 15;58(1):119-23

The spontaneous eye movements in the awake kitten. Bon L, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul; 61(1):71-6

The transfer of EOG activity into the EEG for eyes open and closed. Gasser T, et al. **Electroencephalogr Clin Neurophysiol** 1985 Aug; 61(2):181-93

Cerebral events preceding self-paced and visually triggered saccades. A study of presaccadic potentials. Thickbroom GW, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul; 62(4):277-89

Signal detection in a noisy background figure through a limited visual field. Saito S, et al. **Ergonomics** 1984 Jul; 27(7):745-54

A study of VDU operators' information processing based on saccadic eye movement and response time. Yamamoto S. **Ergonomics** 1985 Jun;28(6):855-67

Eye movements during reading in aphasics. Klingelhöfer J, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(3):175-83

Data entry on a computer terminal: repetitive work strains on the oculomotor and central nervous systems. Lille F, et al. **Eur J Applied Physiol** 1984;53(2):164-8

Saccadic eye movement disorder in cephalic tetanus. Meienberg O, et al. **Eur Neurol** 1985;24(3):182-90

Comparative study of posturography and electrooculography in at-risk subjects for Huntington's disease. Valade D, et al. **Eur Neurol** 1984;23(4):252-64

The influence of display characteristics on active pursuit and passively induced eye movements. Barnes GR, et al. **Exp Brain Res** 1984;56(3):438-47

Prediction in the oculomotor system: smooth pursuit during transient disappearance of a visual target. Becker W, et al. **Exp Brain Res** 1985;57(3):562-75

Vestibular nuclei activity and eye movements in the alert monkey during sinusoidal optokinetic stimulation. Boyle R, et al. **Exp Brain Res** 1985;57(2):362-9

Horizontal saccades induced by stimulation of the central mesencephalic reticular formation. Cohen B, et al. **Exp Brain Res** 1985;57(3):605-16

Projections from the superior colliculus to a region of the central mesencephalic reticular formation (cMRF) associated with horizontal saccadic eye movements. Cohen B, et al. **Exp Brain Res** 1984;57(1):167-76

Human ocular counterroll: assessment of static and dynamic properties from electromagnetic scleral coil recordings. Collewijn H, et al. **Exp Brain Res** 1985;59(1):185-96

Visual-vestibular interaction studied with stroboscopically illuminated visual patterns. Curio G, et al. **Exp Brain Res** 1985;58(2):294-304

Modulation by horizontal eye position of the vestibulo-collic reflex induced by tilting in the frontal plane in the alert cat. Darlot C, et al. **Exp Brain Res** 1985;58(3):510-9

Human express saccades: extremely short reaction times of goal directed eye movements. Fischer B, et al. **Exp Brain Res** 1984;57(1):191-5

Single unit activity in the nucleus of the basal optic root (nBOR) during optokinetic, vestibular and visuo-vestibular stimulations in the alert pigeon (Columbia livia). Gioanni H, et al. **Exp Brain Res** 1984;57(1):49-60

Frontal lobe lesions in man cause difficulties in suppressing reflexive glances and in generating goal-directed saccades. Guitton D, et al. **Exp Brain Res** 1985;58(3):455-72

Response of the human vestibulo-ocular reflex following long-term 2x magnified visual input. Istl-Lenz Y, et al. **Exp Brain Res** 1985;57(3):448-55

Role of intralaminar thalamus in gaze mechanisms: evidence from electrical stimulation and fiber-sparing lesions in cat. Merker B, et al. **Exp Brain Res** 1985;59(2):388-94

Punctate chemical lesions of striate cortex in the macaque monkey: effect on visually guided saccades. Newsome WT, et al. **Exp Brain Res** 1985;58(2):392-9

Unit activity related to spontaneous saccades in frontal dorsomedial cortex of monkey. Schlag J, et al. **Exp Brain Res** 1985;58(1):208-11

Modulation of human velocity storage sampled during intermittently-illuminated optokinetic stimulation. Segal BN, et al. **Exp Brain Res** 1985;59(3):515-23

Ocular stability in the horizontal, frontal and sagittal planes in the rabbit. Van der Steen J, et al. **Exp Brain Res** 1984; 56(2):263-74

Experimental test of two models for the generation of oblique saccades. van Gisbergen JA, et al. **Exp Brain Res** 1985; 57(2):321-36

Projections to eye movement-related pause neuron region in cat using HRP. Ito J, et al. **Exp Neurol** 1984 Oct; 86(1):93-104

Cerebellar vermis involvement in monkey saccadic eye movements: microstimulation. McElligott JG, et al. **Exp Neurol** 1984 Dec;86(3):543-58

Unit activity related to head and eye movements in central thalamus of cats. Maldonado HM, et al. **Exp Neurol** 1984 Nov;86(2):359-78

Asynchronism of saccadic eye movement in young diabetics as related to HbAIc. Hennekes R, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(1):50-2

Contact lens fitting for binocular micromovement recording. Schulz E, et al. **Graefes Arch Clin Exp Ophthalmol** 1984; 221(6):282-5

Binocular micromovements in normal persons. Schulz E. **Graefes Arch Clin Exp Ophthalmol** 1984;222(2):95-100

Binocular micromovement recording of human eyes:—methods. Simon F, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;221(6):293-8

Eye movement abnormalities in rod monochromatism and blue-cone monochromatism. Yee RD, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(2):55-9

Helmholtz on eye movements. Westheimer G. **Hum Neurobiol** 1984;3(3):149-52

The linear homeomorphic saccadic eye movement model--a modification. Enderle JD, et al. **IEEE Trans Biomed Eng** 1984 Nov;31(11):717-20

A device for zero-eye-movement reading. Hannaford B, et al. **IEEE Trans Biomed Eng** 1985 Jan;32(1):86-9

The near response: modeling, instrumentation, and clinical applications. Hung GK, et al. **IEEE Trans Biomed Eng** 1984 Dec;31(12):910-9 (121 ref.)

Measurement of torsion from multitemporal images of the eye using digital signal processing techniques. Parker JA, et al. **IEEE Trans Biomed Eng** 1985 Jan;32(1):28-36

A new approach in the study of saccadic eye velocity (the role of S. quotient). Prakash P, et al. **Indian J Ophthalmol** 1984 May-Jun;32(3):127-31

The phenomenon of alternate saccadic underaction in essential alternating convergent squint (an E.O.G. study). Prakash P, et al. **Indian J Ophthalmol** 1984 May-Jun; 32(3):133-8

Neuroblastoma with opsomyoclonus and Turner syndrome. Warrier RP, et al. **Indian J Pediatr** 1984 Sep-Oct; 51(412):603-5

A moving video window or a mask yoked to eye movements: experiments on letters, words and biological movement with prolonged hemifield stimulation. Bradshaw JL, et al. **Int J Neurosci** 1984 Dec;25(1-2):81-98

Oculomotor function in Wernicke-Korsakoff's syndrome: I. Saccadic eye movements. Kenyon RV, et al. **Int J Neurosci** 1984 Dec;25(1-2):53-65

Oculomotor function in Wernicke-Korsakoff's syndrome: II. Smooth pursuit eye movements. Kenyon RV, et al. **Int J Neurosci** 1984 Dec;25(1-2):67-79

Lateral eye movement and dream recall. II: Sex differences and handedness. Van Nuys DW. **Int J Psychosom** 1984; 31(3):3-7

Horizontal fusional responses to stimuli containing artificial scotomas. Boman DK, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1051-6

Learning to track predictable target waveforms without a time delay. McHugh DE, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):932-7

Calibration of saccades in infants. Metz HS. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1233-4

Adaptation of saccadic and vestibulo-ocular systems after extraocular muscle tenectomy. Snow R, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):924-31

Velocities of vertical saccades with different eye movement recording methods. Yee RD, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):938-44

Roving lateral eye movements in coma. A clinical-pathological study. Brusa A, et al. **Ital J Neurol Sci** 1984 Sep;5(3):279-84

The effect of ambient room illumination upon Wayne Saccadic Fixator performance. Appler DV, et al. **J Am Optom Assoc** 1984 Nov;55(11):818-21

Eye scan therapy for astigmatism. Forrest EB. **J Am Optom Assoc** 1984 Dec;55(12):894-901

An investigation in use of videocassette techniques for enhancement of saccadic eye movements. Fujimoto DH, et al. **J Am Optom Assoc** 1985 Apr;56(4):304-8

Acute cerebellar ataxia with opsoclonus [letter] Sachdeva JR, et al. **J Assoc Physicians India** 1984 May;32(5):460

Integrating pictorial information across eye movements. Pollatsek A, et al. **J Exp Psychol [Gen]** 1984 Sep; 113(3):426-42

Induced motion and oculomotor capture. Mack A, et al. **J Exp Psychol [Hum Percept]** 1985 Jun;11(3):329-45

Manipulation of stimulus onset delay in reading: evidence for parallel programming of saccades. Morrison RE. **J Exp Psychol [Hum Percept]** 1984 Oct;10(5):667-82

Eye movements and the enhancement of edges. Woods SD, et al. **J Math Biol** 1985;21(3):273-83

Biological markers for schizophrenia and the biological high-risk approach. Siever LJ, et al. **J Nerv Ment Dis** 1985 Jan;173(1):4-16 (131 ref.)

Evaluation of endocrine ophthalmopathy with saccadic eye movements. Mauri L, et al. **J Neurol** 1984;231(4):182-7

One-and-a-half syndrome in ischaemic locked-in state: a clinico-pathological study. Bogousslavsky J, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):927-35

Contralateral gaze deviation after frontal lobe haemorrhage. Sharpe JA, et al. **J Neurol Neurosurg Psychiatry** 1985 Jan; 48(1):86-8

Cat lateral suprasylvian cortex: Y-cell inputs and corticotectal projection. Berson DM. **J Neurophysiol** 1985 Feb;53(2):544-56

Primate frontal eye fields. I. Single neurons discharging before saccades. Bruce CJ, et al. **J Neurophysiol** 1985 Mar; 53(3):603-35

Neuron activity in monkey vestibular nuclei during vertical vestibular stimulation and eye movements. Chubb MC, et al. **J Neurophysiol** 1984 Oct;52(4):724-42

Human eye movements associated with blinks and prolonged eyelid closure. Collewijn H, et al. **J Neurophysiol** 1985 Jul; 54(1):11-27

Blinking and associated eye movements in humans, guinea pigs, and rabbits. Evinger C, et al. **J Neurophysiol** 1984 Aug;52(2):323-39

The role of cerebral cortex in the generation of voluntary saccades: a positron emission tomographic study. Fox PT, et al. **J Neurophysiol** 1985 Aug;54(2):348-69

Linear integration of convergent visual inputs in an oculomotor reflex pathway. Glantz RM, et al. **J Neurophysiol** 1984 Dec;52(6):1213-25

Eye-head coordination in cats. Guitton D, et al. **J Neurophysiol** 1984 Dec;52(6):1030-50

Signals used to compute errors in monkey vestibuloocular reflex: possible role of flocculus. Lisberger SG, et al. **J Neurophysiol** 1984 Dec;52(6):1140-53

Neural control of vergence eye movements: activity of abducens and oculomotor neurons. Mays LE, et al. **J Neurophysiol** 1984 Oct;52(4):743-61

Adaptive response to ocular muscle weakness in human pursuit and saccadic eye movements. Optican LM, et al. **J Neurophysiol** 1985 Jul;54(1):110-22

Saccade-related neurons in cat superior colliculus: pandirectional movement cells with postsaccadic responses. Peck CK. **J Neurophysiol** 1984 Dec;52(6):1154-68

Properties of visual inputs that initiate horizontal smooth pursuit eye movements in monkeys. Lisberger SG, et al. **J Neurosci** 1985 Jun;5(6):1662-73

Conjugate and disjunctive saccades in two avian species with contrasting oculomotor strategies. Wallman J, et al. **J Neurosci** 1985 Jun;5(6):1418-28

Absence of the near reflex in a healthy adolescent. Chrousos GA, et al. **J Pediatr Ophthalmol Strabismus** 1985 Mar-Apr; 22(2):76-7

Ocular torsional movements in humans with normal and abnormal ocular motility--Part I: Objective measurements. Kushner BJ, et al. **J Pediatr Ophthalmol Strabismus** 1984 Sep-Oct;21(5):172-7

Normal saccadic velocity study [letter] Mims JL 3d. **J Pediatr Ophthalmol Strabismus** 1985 Jul-Aug;22(4):139

Normal saccadic velocities. Raab EL. **J Pediatr Ophthalmol Strabismus** 1985 Jan-Feb;22(1):20-2

Eye tracking impairment: attentional and psychometric correlates in psychiatric patients. van den Bosch RJ. **J Psychiatr Res** 1984;18(3):277-86

Eye movements of stuttering and nonstuttering children during silent reading. Brutten GJ, et al. **J Speech Hear Res** 1984 Dec;27(4):562-6

Bell's phenomenon in diagnosis of myasthenia gravis [letter] Furukawa T, et al. **Lancet** 1984 Nov 10;2(8411):1090-1

Progressive neurologic disorder [letter] Cogan DG. **Mayo Clin Proc** 1985 Mar;60(3):211

Discrete eye-position recording for alternative communication. ten Kate JH, et al. **Med Prog Technol** 1985; 10(4):201-11

Disorders of eye movements. Zee DS, et al. **Neurol Clin** 1983 Nov;1(4):909-28 (76 ref.)

Clinical and experimental studies on central mechanisms of visually guided eye and head movement. The role of neck afferents during eye-head coordination. Maeda M, et al. **Neurol Med Chir (Tokyo)** 1984 Jul;24(7):443-52

Dorsal midbrain syndrome: clinical and oculographic findings. Baloh RW, et al. **Neurology** 1985 Jan;35(1):54-60

Selective paralysis of downward gaze caused by bilateral lesions of the mesencephalic periaqueductal gray matter. Jacobs L, et al. **Neurology** 1985 Apr;35(4):516-21

Alternating skew deviation: 47 patients. Keane JR. **Neurology** 1985 May;35(5):725-8

Caloric stimulation and unilateral visual neglect. Rubens AB. **Neurology** 1985 Jul;35(7):1019-24

Ocular dipping [letter] Serdaru M. **Neurology** 1985 Mar; 35(3):445

Epileptic gaze deviation and nystagmus. Thurston SE, et al. **Neurology** 1985 Oct;35(10):1518-21

Ocular dipping [letter] van Weerden TW, et al. **Neurology** 1985 Jan;35(1):135

Conjugate lateral eye movements and cognitive mode: blindness as a control for visually-induced oculomotor effects. Griffiths P, et al. **Neuropsychologia** 1985; 23(2):257-62

In search for the egocentric reference. A neurophysiological hypothesis. Ventre J, et al. **Neuropsychologia** 1984; 22(6):797-806

Functional representation of eye movements in the flocculus of monkeys (Macaca fuscata). Balaban CD, et al. **Neurosci Lett** 1984 Aug 24;49(1-2):199-205

Speed discrimination and its relation to involuntary eye movements in human vision. Barbur JL. **Neurosci Lett** 1985 Feb 28;54(1):7-12

The frontal eye field projects to the nucleus prepositus hypoglossi in the monkey. Leichnetz GR. **Neurosci Lett** 1985 Mar 15;54(2-3):185-8

Loss of vision-guided adaptation of the vestibulo-ocular reflex after depletion of brain serotonin in the rabbit. Miyashita Y, et al. **Neurosci Lett** 1984 Oct 12;51(2):177-82

Activity of the striate cortex cells during saccadic eye movements of the alert cat. Toyama K, et al. **Neurosci Res** 1984 Aug;1(4):207-22

Directional selectivity in the responses of units in cat primary visual cortex to passive eye movement. Ashton JA, et al. **Neuroscience** 1984 Nov;13(3):653-62

Tensorial computer model of gaze--I. Oculomotor activity is expressed in non-orthogonal natural coordinates. Ostriker G, et al. **Neuroscience** 1985 Feb;14(2):483-500

Visual localization with eye movements: a review. Morrison LC. **Ophthalmic Physiol Opt** 1984;4(4):339-53

Fixational eye movements and autokinesis in amblyopes. Westall CA, et al. **Ophthalmic Physiol Opt** 1984;4(4):333-7

Modification of the Kestenbaum operation for correction of nystagmic torticollis and improvement of visual acuity with the use of convergence. Economopoulos NK, et al. **Ophthalmic Surg** 1985 May;16(5):309-14

A model of visual-vestibular interaction in cerebellar disorders. Henriksson NG, et al. **ORL J Otorhinolaryngol Relat Spec** 1984;46(6):302-9

Quantitative measurement of smooth pursuit using a continuously changing sinusoidal wave in normal subjects. Ohashi N, et al. **ORL J Otorhinolaryngol Relat Spec** 1985; 47(1):49-56

Saccades--random or constant stimuli and predictive adaptability. Takemori S, et al. **ORL J Otorhinolaryngol Relat Spec** 1984;46(6):310-7

Head and eye movements in congenital nystagmus. Furman JM, et al. **Otolaryngol Head Neck Surg** 1984 Dec; 92(6):656-61

The association of neuroblastoma and myoclonic encephalopathy: an imaging approach. Baker ME, et al. **Pediatr Radiol** 1985;15(3):184-90 (26 ref.)

Smooth pursuit eye movements in normal and dyslexic children. Black JL, et al. **Percept Mot Skills** 1984 Aug; 59(1):91-100

A detailed study of sequential saccadic eye movements for normal- and poor-reading children. Black JL, et al. **Percept Mot Skills** 1984 Oct;59(2):423-34

Eye position and visual attention influence perceived auditory direction. Bohlander RW. **Percept Mot Skills** 1984 Oct;59(2):483-510

Effects of subject-to-experimenter distance and instructions on lateral eye movement. Jamieson JL, et al. **Percept Mot Skills** 1985 Feb;60(1):155-9

Erratic eye movements and dyslexia: factors determining their relationship. Pavlidis GT. **Percept Mot Skills** 1985 Feb;60(1):319-22

Spontaneous eyeblinks elicited by vertical eye movements. Tada H, et al. **Percept Mot Skills** 1985 Feb;60(1):191-200

Disappearance of afterimages at 'impossible' locations in space. Hayhoe MM, et al. **Perception** 1984;13(4):455-9

Binocular cues in the perception of distance of a point source of light. Morrison JD, et al. **Perception** 1984;13(5):555-66

Ocular flutter in suspected multiple sclerosis: a presenting paroxysmal manifestation. Francis DA, et al. **Postgrad Med J** 1985 Apr;61(714):333-4

Smooth pursuit eye tracking, neuropsychological test performance, and computed tomography in schizophrenia. Bartfai A, et al. **Psychiatry Res** 1985 May;15(1):49-62

Vestibular activation, smooth pursuit tracking, and psychosis. Jones AM, et al. **Psychiatry Res** 1985 Apr;14(4):291-300

Smooth pursuit eye movements in subjects reporting physical anhedonia and perceptual aberrations. Simons RF, et al. **Psychiatry Res** 1985 Apr;14(4):275-89

Comparison of eye motion in wakefulness and REM sleep. Aserinsky E, et al. **Psychophysiology** 1985 Jan;22(1):1-10

Heart rate deceleration in REM sleep: an orienting reaction interpretation. Taylor WB, et al. **Psychophysiology** 1985 Jan;22(1):110-5

Functional between-hand differences and outflow eye position information. Honda H. **Q J Exp Psychol [A]** 1984 Feb;36(1):75-88

Contrast sensitivity measured during smooth pursuit movement. Liu YM, et al. **Sci Sin [B]** 1984 Jul;27(7):710-21

Historical note on sleep and eye movements. Schiller F. **Sleep** 1984;7(3):199-201

Relative advance of eye movement to the target in the rightward tracking in schizophrenics. Matsue Y, et al. **Tohoku J Exp Med** 1984 Jul;143(3):345-9

Characteristics of smooth eye movements with stabilized targets. Cushman WB, et al. **Vision Res** 1984;24(9):1003-9

Eye movements, afterimages and monocular rivalry. Georgeson MA. **Vision Res** 1984;24(10):1311-9

Characteristics of saccades in human infants. Hainline L, et al. **Vision Res** 1984;24(12):1771-80

Voluntary selection of the target for smooth eye movement in the presence of superimposed, full-field stationary and moving stimuli. Kowler E, et al. **Vision Res** 1984; 24(12):1789-98

Latency dependence of colour-based target vs nontarget discrimination by the saccadic system. Ottes FP, et al. **Vision Res** 1985;25(6):849-62

Metrics of saccade responses to visual double stimuli: two different modes. Ottes FP, et al. **Vision Res** 1984; 24(10):1169-79

Interaction between saccade and tracking vergence. Saida S, et al. **Vision Res** 1984;24(10):1289-94

Measurement of the mechanical stiffness in cyclotorsion of the human eye. Simonsz HJ, et al. **Vision Res** 1984; 24(9):961-7

The vertical vestibulo-ocular reflex and ocular resonance. Stott JR. **Vision Res** 1984;24(9):949-60

Reconstruction of neural control signals for saccades based on an inverse method. Van Opstal AJ, et al. **Vision Res** 1985;25(6):789-801

A mechanism for suppression of optokinesis. Wyatt HJ, et al. **Vision Res** 1984;24(12):1931-45

[Measurement of torsional fusional vergences in 232 normal youths] Fang LL. **Chung Hua Yen Ko Tsa Chih** 1984 Jan; 20(1):49-50 (Chi)

[Measurement and clinical application of horizontal saccadic velocity] Wu PY. **Chung Hua Yen Ko Tsa Chih** 1984 May; 20(3):129-34 (Chi)

[An electro-oculographic study of oculomotor abnormalities in Parkinson's disease] Tchen PH. **Taiwan I Hsueh Hui Tsa Chih** 1985 Apr;84(4):474-81 (Eng. Abstr.) (Chi)

[Historical review of the development of knowledge on oculo-vestibular responses and methods of their evaluation] Krejčová H, et al. **Cesk Neurol Neurochir** 1985 May; 48(3):145-9 (58 ref.) (Cze)

[Opsoclonus. Oculographic recording] Gillet B, et al. **Acta Otorhinolaryngol Belg** 1984;38(4):433-6 (Eng. Abstr.) (Fre)

[Does proprioception of the extrinsic eye muscles participate in equilibrium, vision and oculomotor action?] Batini C, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(1):7-18 (Eng. Abstr.) (Fre)

[How do the eyes explore written lines?] Kapoula Z. **Annee Psychol** 1984;84(2):207-26 (Eng. Abstr.) (Fre)

[Dynamic study of eye movements before and after surgery for strabismus] Frosini R, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:493-8 (Fre)

[Surgery on the oculomotor muscles and binocular motor function] Pigassou-Albouy P. **Bull Mem Soc Fr Ophtalmol** 1985;96:49-52 (Fre)

[Application of the torticollimeter to strabology] Sradj N. **Bull Mem Soc Fr Ophtalmol** 1985;96:419-23 (Fre)

[Treatment of spasms of convergence with liquid crystal glasses] Carre H, et al. **Bull Soc Ophtalmol Fr** 1983 Oct; 83(10):1195-8 (Eng. Abstr.) (Fre)

[Influence of new aphakia glasses on the visual field and field of the gaze] Flament J, et al. **Bull Soc Ophtalmol Fr** 1983 Dec;83(12):1399-406 (Eng. Abstr.) (Fre)

[Value of the stereoscopic tests in the detection of sensorimotor anomalies in children] Casu L, et al. **J Fr Ophtalmol** 1984;7(12):819-22 (Eng. Abstr.) (Fre)

[Disorders of horizontal gaze motility in the cerebral palsy patient] Picard A, et al. **J Fr Ophtalmol** 1984;7(11):717-20 (Eng. Abstr.) (Fre)

[Ocular motility and the cerebellum] Rascol O, et al. **J Fr Ophtalmol** 1985;8(1):73-84 (85 ref.) (Fre)

[Voluntary and reflex eye movements in dyslexic children] Gaberek V, et al. **Neuropsychiatr Enfance Adolesc** 1984 Jul-Aug;32(7-8):353-66 (Eng. Abstr.) (Fre)

[Changes in lateral reflex movements of the eyes after caloric stimulation in toxic coma (letter)] Barret L, et al. **Presse Med** 1985 May 4;14(18):1041 (Fre)

[Alternating oblique deviation of the gaze. 3 cases] Rousseaux M, et al. **Rev Neurol (Paris)** 1984;140(11):642-6 (Eng. Abstr.) (Fre)

[Cerebral infarction in the area of the anterior choroidal artery with oculomotor disorder] Viader F, et al. **Rev Neurol (Paris)** 1984;140(11):668-70 (Eng. Abstr.) (Fre)

[Myasthenia gravis and saccadic movements. Post-thymectomy results in a case] Albera R, et al. **Rev Otoneuroophtalmol** 1984 Jul-Dec;56(4-5):491-6 (Eng. Abstr.) (Fre)

[Strategy of ocular movements during reading] Bataillard M, et al. **Rev Otoneuroophtalmol** 1984 May-Jun;56(3):299-304 (Eng. Abstr.) (Fre)

[Lateral gaze paralysis with automatico-voluntary dissociation. A case] Forgeau Y, et al. **Rev Otoneuroophtalmol** 1984 Jul-Dec;56(4-5):365-9 (Eng. Abstr.) (Fre)

[Role of oculomotility in the maintenance of equilibrium] Gagey PM. **Rev Otoneuroophtalmol** 1984 May-Jun; 56(3):253-9, 261 (Eng. Abstr.) (Fre)

[Encephalitis with opsoclonia and circumduction nystagmus. Apropos of a case] Poullot B, et al. **Rev Otoneuroophtalmol** 1984 Jul-Dec;56(4-5):335-46 (Eng. Abstr.) (Fre)

[Neurophysiology of ocular proprioceptors. Clinical value] Toupet M. **Rev Otoneuroophtalmol** 1984 May-Jun; 56(3):231-5 (Fre)

[Oculocephalic coupling] Vidal PP, et al. **Rev Otoneuroophtalmol** 1984 May-Jun;56(3):243-51 (Fre)

[Opsoclonus and myoclonus syndrome. Clinical and electronystagmography findings with course studies] Leopold HC. **Fortschr Neurol Psychiatr** 1985 Feb; 53(2):42-54 (Eng. Abstr.) (Ger)

[Oculo-auricular phenomenon and its value in neurologic diagnosis] Wagner A, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Sep; 36(9):527-32 (Eng. Abstr.) (Ger)

[Effect of voluntary hyperventilation on rotatory nystagmus] Rotignoli M, et al. **Acta Otorhinolaryngol Ital** 1984 Nov-Dec;4(6):667-77 (Eng. Abstr.) (Ita)

[Case of hepatic coma with lateral conjugate deviation of gaze] Cammarata S, et al. **Riv Neurol** 1984 Sep-Oct; 54(5):335-9 (Eng. Abstr.) (Ita)

[Electromyographical study on human eye movements. Report 1: Simultaneous EMG recordings from 4 recti muscles in normal and peripheral oculomotor disturbances] Aoki S. **Nippon Ganka Gakkai Zasshi** 1984 Aug; 88(8):1107-17 (Eng. Abstr.) (Jpn)

[Electromyography study on human eye movements. Report 2: Simultaneous EMG recordings from 4 recti muscles in an acquired supranuclear oculomotor disturbances] Aoki S. **Nippon Ganka Gakkai Zasshi** 1984 Sep;88(9):1200-10 (Eng. Abstr.) (Jpn)

[Study on eye movements in Wallenberg's syndrome] Ishikawa H, et al. **Nippon Ganka Gakkai Zasshi** 1985 Feb; 89(2):305-10 (Eng. Abstr.) (Jpn)

[Retinal correspondence observed by infrared fundus haploscope. The 15th report: relationship between binocular depth perception and convergence eye movement] Ohmi E, et al. **Nippon Ganka Gakkai Zasshi** 1985 Jan;89(1):192-5 (Eng. Abstr.) (Jpn)

[Investigations on the oculomotor system] Shimo-oku M. **Nippon Ganka Gakkai Zasshi** 1985 Jan;89(1):58-85 (Eng. Abstr.) (Jpn)

[Measurement of cyclodeviation with fundus haploscope. Part V. Subjective cyclodeviation under uniocular conditions] Takahashi F. **Nippon Ganka Gakkai Zasshi** 1984 Dec;88(12):1443-9 (Eng. Abstr.) (Jpn)

[Enhancement of evoked potentials by saccadic eye movement—effect of attentional buzzer] Yamamoto F, et al. **Nippon Ganka Gakkai Zasshi** 1985 Apr;89(4):528-34 (Eng. Abstr.) (Jpn)

[Study of gaze stabilization during walking and running—observation using a vertically oscillating platform] Takahashi M, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Mar;88(3):267-72 (Eng. Abstr.) (Jpn)

[A case of opsoclonus-polymyoclonia syndrome—suppression by TRH and 5-hydroxytryptophan] Hashiba Y, et al. **Rinsho Shinkeigaku** 1984 Nov;24(11):1091-4 (Eng. Abstr.) (Jpn)

[Clinicopathological study on eye movement of progressive supranuclear palsy] Mizutani T, et al. **Rinsho Shinkeigaku** 1985 Mar;25(3):355-63 (Eng. Abstr.) (Jpn)

[Characteristics of pursuit and saccadic eye movements of patients with unilateral cerebral dysfunction] Shimizu N, et al. **Rinsho Shinkeigaku** 1985 Jan;25(1):26-32 (Eng. Abstr.) (Jpn)

[The influence of thyrotropin releasing hormone on the abnormal ocular movements of the brainstem involvement] Yamamoto H, et al. **Rinsho Shinkeigaku** 1985 Apr; 25(4):385-92 (Eng. Abstr.) (Jpn)

[Comparison of the range of eye movements with the orbital image in computerized tomograms in Graves-Basedow disease] Krzystolikowa Z, et al. **Klin Oczna** 1984 Oct; 86(10):433-5 (Eng. Abstr.) (Pol)

[Oculomotor activity as an indicator of brain function] Khomskaia ED, et al. **Fiziol Cheloveka** 1985 Mar-Apr; 11(2):235-40 (Rus)

[Temporal and spectral characteristics of artefact signals and background bioelectrical activity] Ovsianik VP, et al. **Med Tekh** 1984 Nov-Dec;(6):15-8 (Eng. Abstr.) (Rus)

[2 types of eye movements during electric stimulation of the rostral and caudal portions of the medial frontal 'oculomotor' zone in the cat] Pigarev IN. **Neirofiziologiia** 1984;16(6):761-6 (Eng. Abstr.) (Rus)

[Method of determining the ACA (accommodative convergence as related to accommodation)] Pospelov VI. **Oftalmol Zh** 1984;(5):284-6 (Eng. Abstr.) (Rus)

[Electrical stimulation of the vestibular analyzer during the photoelectric recording of eye movements] Khechinashvili SN, et al. **Vestn Otorinolaringol** 1984 Sep-Oct;(5):3-7 (Eng. Abstr.) (Rus)

[Study of central fatigue using electronystagmography] Breier P. **Bratisl Lek Listy** 1984 Aug;82(2):927-35 (Eng. Abstr.) (Slo)

[Application of computerized spectral analysis to the study of ocular motility. Pursuit movements] Gavilán J, et al. **An Otorrinolaringol Ibero Am** 1984;11(5-6):375-95 (Eng. Abstr.) (Spa)

[Behavior of the motor neurons of the external oculomotor nucleus during vestibular stimulation in the waking cat] Gómez C, et al. **Rev Esp Fisiol** 1984 Jun;40(2):141-8 (Eng. Abstr.) (Spa)

[Effects of axotomy on the activity of the motor neurons of the external ocular motor nucleus during saccadic movements] Torres B, et al. **Rev Esp Fisiol** 1985 Mar; 41(1):73-81 (Eng. Abstr.) (Spa)

DRUG EFFECTS

Effects of ethanol on eye movements in the monkey. Fuster JM, et al. **Alcohol** 1985 Jul-Aug;2(4):611-6

Saccadic eye movements among copper smelter workers. Glickman L, et al. **Am J Ind Med** 1985;7(2):141-53

The effects of ethanol on visual-vestibular interaction during active and passive head movements. Barnes GR, et al. **Aviat Space Environ Med** 1985 Jul;56(7):695-701

Saccadic eye movement analysis as a measure of drug effects on human psychomotor performance. Griffiths AN, et al. **Br J Clin Pharmacol** 1984;18 Suppl 1:73S-82S

Influence of flunarizine on the altered electronystagmographic (ENG) recordings in migraine. Pini LA, et al. **Cephalalgia** 1985 May;5 Suppl 2:173-5

Occupational lead exposure. Effects on saccadic eye movements. Glickman L, et al. **Int Arch Occup Environ Health** 1984;54(2):115-25

Modification of saccadic eye movements by GABA-related substances. II. Effects of muscimol in monkey substantia nigra pars reticulata. Hikosaka O, et al. **J Neurophysiol** 1985 Jan;53(1):292-308

Modification of saccadic eye movements by GABA-related substances. I. Effect of muscimol and bicuculline in monkey superior colliculus. Hikosaka O, et al. **J Neurophysiol** 1985 Jan;53(1):266-91

Preservation of voluntary saccades after intracarotid injection of barbiturate. Lesser RP, et al. **Neurology** 1985 Aug; 35(8):1108-12

Slow saccades and hypometria in anticonvulsant toxicity. Thurston SE, et al. **Neurology** 1984 Dec;34(12):1593-6

The relationship between tonic vergence and oculomotor stress induced by ethanol. Hogan RE, et al. **Ophthalmic Physiol Opt** 1985;5(1):43-51

[Saccadic eye movements as a measure of the pharmacodynamics of benzodiazepines. Evaluation of various occulographic parameters] Schlaginhaufen W, et al. **EEG EMG** 1984 Sep;15(3):145-50 (Eng. Abstr.) (Ger)

[Side effects of anticonvulsants on the peripheral nervous system and vestibulo-ocular functions] Stefan H. **Fortschr Neurol Psychiatr** 1985 Jan;53(1):29-32 (Eng. Abstr.) (Ger)

EYE NEOPLASMS

Pathological contrast enhancement of the subarachnoidal space in CT of a retinoblastoma case with orbital recurrence. Poppe P, et al. **J Belge Radiol** 1984; 67(5):329-31

Retinal pigment epithelial hamartoma. Rosenberg PR. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter; 37(2):190-3

[Intraepithelial epithelioma (Bowen's disease) of the cornea] Sedláček K, et al. **Cesk Oftalmol** 1985 Mar;41(2):66-9 (Eng. Abstr.) (Cze)

ANALYSIS

Dual properties of cultured retinoblastoma cells: immunohistochemical characterization of neuronal and glial markers. Jiang Q, et al. **Exp Eye Res** 1984 Aug; 39(2):207-15

CHEMICALLY INDUCED

Multistage and multifactorial carcinogenesis in hereditary tumours, with special reference to retinoblastoma. Matsunaga E. **IARC Sci Publ** 1984;(56):373-83

COMPLICATIONS

Scleral buckling for retinal detachment in patients with retinoblastoma. Buzney SM, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):473-7

Cavernous hemangioma of the retina, cutaneous angiomas, and intracranial vascular lesion by computed tomography and nuclear magnetic resonance imaging. Schwartz AC, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):483-7

A case of melanosis oculi with malignant melanoma of the choroid. Brini A. **Int Ophthalmol** 1985 Mar;7(3-4):169-74

Diffuse infiltrating retinoblastoma associated with persistent primary vitreous. Liang JC, et al. **J Pediatr Ophthalmol Strabismus** 1985 Jan-Feb;22(1):31-3

Retinoblastoma, eosinophilic granuloma, and malignant melanoma: a case report. Casson AG, et al. **Med Pediatr Oncol** 1984;12(5):347-8

Retinitis pigmentosa associated with astrocytic hamartomas of the optic disc. Bec P, et al. **Ophthalmologica** 1984; 189(3):135-8

Multifocal pigment epithelial detachments by reticulum cell sarcoma. A characteristic funduscopic picture. Gass JD, et al. **Retina** 1984 Summer-Fall;4(3):135-43

Spontaneous regression of parafoveal exudates and serous retinal detachment in a patient with tuberous sclerosis and retinal astrocytomas. Panzo GJ, et al. **Retina** 1984 Fall-Winter;4(4):242-5

CONGENITAL

[Hamartoma of the pigment epithelium. Apropos of 3 cases] Fantin J, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):595-8 (Eng. Abstr.) (Fre)

[Hamartoma of the pigment epithelium and juvenile pigmented retinal gliosis] Turut P, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):465-9 (Eng. Abstr.) (Fre)

[Association of an epithelial dermoid with alopecia and a sebaceous verrucose nevus: hologynic hereditary malformations] Streiff EB, et al. **Ophthalmologica** 1985; 190(2):67-71 (Eng. Abstr.) (Fre)

DIAGNOSIS

Cavernous hemangioma of the optic disc. Drummond JW, et al. **Ann Ophthalmol** 1980 Sep;12(9):1017-8

First symptoms in retinoblastoma. De Sutter E, et al. **Bull Soc Belge Ophtalmol** 1983;207:45-51

Intraocular tumors. Abramson DH. **Hosp Pract [Off]** 1984 Oct;19(10):97-106

Retinoblastoma. Srivastava M, et al. **Indian Pediatr** 1984 Nov; 21(11):875-9

A model for acoustic characterization of intraocular tumors. Coleman DJ, et al. **Invest Ophthalmol Vis Sci** 1985 Apr; 26(4):545-50

Ultrasonic evaluation of retinoblastoma. Verma N, et al. **Jpn J Ophthalmol** 1984;28(3):223-9

Solitary astrocytic hamartoma simulating retinoblastoma. Drewe RH, et al. **Ophthalmologica** 1985;190(3):158-67

Fluoroangiographic and echographic study on a juxtapapillary hamartoma of the retinal pigment epithelium. Mele A, et al. **Ophthalmologica** 1984;189(4):180-5

Combined hamartomas of the retina and retinal pigment epithelium. Schachat AP, et al. **Ophthalmology** 1984 Dec;

91(12):1609–15

Ocular and orbital lesions: surface coil MR imaging. Bilaniuk LT, et al. **Radiology** 1985 Sep;156(3):669–74

Standardized echography in the differentiation of orbital lesions. Byrne SF. **Surv Ophthalmol** 1984 Nov–Dec; 29(3):226–8

Contribution of echography to the diagnosis of retinoblastoma: a homogeneous B–scan study. Poujol J, et al. **Ultrasound Med Biol** 1985 Jan–Feb;11(1):171–5

Differential diagnosis of intraocular neoplasms with ultrasonography. Verbeek AM. **Ultrasound Med Biol** 1985 Jan–Feb;11(1):163–70

[Diagnostic elements in hamartoma of the retina and the pigment epithelium] Corcostegui B, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:152–9 **(Fre)**

[Oculocerebral reticulum cell sarcoma] Witschel H, et al. **Fortschr Ophthalmol** 1984;81(4):353–5 (Eng. Abstr.) **(Ger)**

[Retinoblastoma––clinical diagnostic errors] Hamburg A. **Klin Monatsbl Augenheilkd** 1984 Aug;185(2):95–9 (Eng. Abstr.) **(Ger)**

[Fluoroangiography of various pathological pictures in unusual observations of the anterior segment] Motolese E, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1253–9 (Eng. Abstr.) **(Ita)**

[Echographic profile of senile disciform macular degeneration and problems of differential diagnosis] Motolese E, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30; 60(6):1245–51 (Eng. Abstr.) **(Ita)**

[New methods in the diagnosis of retinoblastoma] Szreterowa M, et al. **Klin Oczna** 1984 Jul;86(7):293–5 (Eng. Abstr.) **(Pol)**

[Diagnosis and treatment of malignant lymphoma of the eye] Gabryś K, et al. **Przegl Lek** 1984;41(8):525–7 (18 ref.) **(Pol)**

[Device for the diagnosis of intraocular tumors] Kucheriavyĭ NI, et al. **Oftalmol Zh** 1984;(4):246–7 **(Rus)**

[Diagnostic value of distance thermometry of the anterior surface of the eye in epibulbar and intraocular neoplasms] Maletskiĭ AP, et al. **Oftalmol Zh** 1985;(1):12–5 (Eng. Abstr.) **(Rus)**

[Method of diagnosing intraocular neoplasm by using flashing light] Tiukhaĭ SV, et al. **Oftalmol Zh** 1984;(8):500 **(Rus)**

DRUG THERAPY

Photodynamic therapy of intraocular tumors: examination of hematoporphyrin derivative distribution and long–term damage in rabbit ocular tissue. Gomer CJ, et al. **Cancer Res** 1985 Aug;45(8):3718–25

Treatment of ocular leukemia with local chemotherapy. Rootman J, et al. **Cancer Treat Rep** 1985 Jan;69(1):119–22

ENZYMOLOGY

Enolase distribution in human brain tumors, retinoblastomas and pituitary adenomas. Nakajima T, et al. **Brain Res** 1984 Aug 13;308(2):215–22

ETIOLOGY

Alterations to eye structures in hairless mice by long–term ultraviolet irradiation. A histopathological study. Vangsted P. **Acta Ophthalmol (Copenh)** 1985 Apr;63(2):199–206

Retinal angiomatous mass. A complication of retinal detachment surgery. Gottlieb F, et al. **Retina** 1984 Summer–Fall;4(3):152–7

[Malignant transformation of benign tumors of the sclerocorneal limbus. Apropos of 2 cases in Bantus of Central Africa] Menez B, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):573–4, 577–8 (Eng. Abstr.) **(Fre)**

FAMILIAL & GENETIC

Accuracy of detection of the retinoblastoma gene by esterase D linkage. Halloran SL, et al. **Arch Ophthalmol** 1985 Sep; 103(9):1329–31

Retinoblastoma and retinoma occurring in a child with a translocation and deletion of the long arm of chromosome 13. Keith CG, et al. **Arch Ophthalmol** 1985 Jul;103(7):941–4

The genetics of retinoblastoma. Sparkes RS. **Biochim Biophys Acta** 1985;780(2):95–118 (181 ref.)

Isolation of human chromosome 13–specific DNA sequences cloned from flow sorted chromosomes and potentially linked to the retinoblastoma locus. Lalande M, et al. **Cancer Genet Cytogenet** 1984 Dec;13(4):283–95

Molecular and cytologic analysis of DNA amplification in retinoblastoma. Sakai K, et al. **Cancer Genet Cytogenet** 1985 Jun;17(2):95–112

Hereditary retinoblastoma and 13q––mosaicism. Dudin G, et al. **Cytogenet Cell Genet** 1984;38(3):235–7

A detailed analysis of chromosomal changes in heritable and non–heritable retinoblastoma. Squire J, et al. **Hum Genet** 1985;70(4):291–301

Multistage and multifactorial carcinogenesis in hereditary tumours, with special reference to retinoblastoma. Matsunaga E. **IARC Sci Publ** 1984;(56):373–83

Spontaneous regression of retinoblastoma. Dhir SP, et al. **Indian J Cancer** 1984 May–Jun;21(2):92–4

Susceptibility of skin fibroblasts from individuals genetically predisposed to cancer, to transformation by the tumour promoter 12–O–tetradecanoylphorbol–13–acetate. Gainer HS, et al. **Int J Cancer** 1984 Sep 15;34(3):349–57

Repair of potentially lethal X–ray damage in fibroblasts derived from patients with hereditary and D–deletion retinoblastoma. Weichselbaum RR, et al. **Int J Radiat Biol** 1985 Apr;47(4):445–56

Occurrence of unilateral retinoblastoma in three generations of a Louisiana family. Haik GM Jr. **J La State Med Soc** 1984 Sep;136(9):41–4

Excess of cancer deaths in close relatives of patients with bilateral retinoblastoma. Tarkkanen A, et al. **Ophthalmologica** 1984;189(3):143–6

Incidence and significance of a deletion of chromosome band 13q14 in patients with retinoblastoma and in their families. Liberfarb RM, et al. **Ophthalmology** 1984 Dec; 91(12):1695–9

Osteosarcoma and retinoblastoma: a shared chromosomal mechanism revealing recessive predisposition. Hansen MF, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6216–20

Genetic origin of mutations predisposing to retinoblastoma. Cavenee WK, et al. **Science** 1985 Apr 26;228(4698):501–3

[Genetics of retinoblastoma in twins] Guo BK. **Chung Hua Yen Ko Tsa Chih** 1984 Jul;20(4):193–6 **(Chi)**

[Chromosome polymorphism] Cíhalová V, et al. **Bratisl Lek Listy** 1985 Jun;83(6):620–6 (Eng. Abstr.) **(Cze)**

[Genetic predisposition for cancer. Illustrated by a case of hereditary retinoblastoma] Austgulen R, et al. **Tidsskr Nor Laegeforen** 1985 Jan 30;105(3):216–8 (Eng. Abstr.) **(Nor)**

[Nonrandom karyotype changes in human retinoblastomas] Kuznetsova LE, et al. **Genetika (Moskva)** 1985 Feb; 21(2):321–6 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Retinal S antigen and retinoblastoma. A monoclonal antibody histopathologic study. Donoso LA, et al. **Arch Ophthalmol** 1985 Jun;103(6):855–7

Assessment of immunological techniques in the diagnosis and prognosis of ocular malignant melanoma. Cochran AJ, et al. **Br J Ophthalmol** 1985 Mar;69(3):171–6

Retinal S–antigen and retinoblastoma: a monoclonal antibody and flow cytometric study. Donoso LA, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):568–71

Uveitis in melanomatous swine: lack of evidence for humoral immune melanocyte destruction. Feeney–Burns L, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):551–60

Antigenic modulation in retinoblastoma: a flow cytometric study. Felberg NT, et al. **Invest Ophthalmol Vis Sci** 1985 Sep;26(9):1306–9

Spontaneous immune rejection of intraocular tumors in mice. Niederkorn JY, et al. **Invest Ophthalmol Vis Sci** 1985 Jun; 26(6):877–84

METABOLISM

Comparative utilization of n–3 polyunsaturated fatty acids by cultured human Y–79 retinoblastoma cells. Yorek MA, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):277–85

Electrolyte imbalances in the aqueous humour in retinoblastoma. Dias PL. **Br J Ophthalmol** 1985 Jun; 69(6):462–3

Immunohistochemical evidence for preproenkephalin A synthesis in human retinoblastoma. Tarkkanen A, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1210–2

A comparison of lipid metabolism in two human retinoblastoma cell lines. Yorek MA, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1148–54

The utilization of ethanolamine and serine for ethanolamine phosphoglyceride synthesis by human Y79 retinoblastoma cells. Yorek MA, et al. **J Biol Chem** 1985 Mar 10; 260(5):2930–6

[Angiogenesis factor in intraocular tumors] Barraquer RI, et al. **Rev Esp Oncol** 1982;29(3):413–21 (Eng. Abstr.) **(Spa)**

MORTALITY

Ocular melanoma [letter] Gamel JW. **Arch Ophthalmol** 1985 Sep;103(9):1284

OCCURRENCE

Childhood malignancies of the eye and orbit in northern Nigeria. Abiose A, et al. **Cancer** 1985 Jun 15;55(12):2889–93

Seasonal patterns in the diagnosis of malignant melanoma of skin and eye in upstate New York. Polednak AP. **Cancer** 1984 Dec 1;54(11):2587–94

Demographic study of clinically atypical (dysplastic) nevi in patients with melanoma and comparison subjects. Nordlund JJ, et al. **Cancer Res** 1985 Apr;45(4):1855–61

Risk factors for ocular melanoma: Western Canada Melanoma Study. Gallagher RP, et al. **JNCI** 1985 Apr; 74(4):775–8

PATHOLOGY

Astrocytoma of the ciliary body. A clinicopathological case report. Naeser P, et al. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):28–30

Lymphoid tumors of the orbit and ocular adnexa: a long–term follow–up. Vogiatzis KV. **Ann Ophthalmol** 1984 Nov; 16(11):1046–55

Malignant teratoid medulloepithelioma manifesting as a black epibulbar mass with expulsive hemorrhage. Peer J, et al. **Arch Ophthalmol** 1984 Oct;102(10):1523–7

Lacrimal canalicular papillomatosis. Williams R, et al. **Br J Ophthalmol** 1985 Jun;69(6):464–7

Intermediate filaments in the retina and retinoblastoma. Kivelä T, et al. **Br Med J [Clin Res]** 1985 Jan 26; 290(6464):285

Diagnosis of orbital tumors by aspiration biopsy guided by computerized tomography. Czerniak B, et al. **Cancer** 1984 Dec 1;54(11):2385–9

Low dose rate ionizing radiation induces increased growth capacities of d–deletion retinoblastoma skin fibroblasts. Diatloff–Zito C, et al. **Carcinogenesis** 1984 Oct; 5(10):1305–10

Capillary hemangioma of the optic disc. Takahashi T, et al. **J Clin Neuro Ophthalmol** 1984 Sep;4(3):159–62

Intraocular retinoblastoma group V: an analysis of prognostic factors. Rubin CM, et al. **J Clin Oncol** 1985 May;3(5):680–5

Medulloepithelioma (diktyoma) with glial differentiation. Kasantikul V, et al. **J Med Assoc Thai** 1984 Oct; 67(10):580–3

Trilateral retinoblastoma: ocular and pineal retinoblastomas. Johnson DL, et al. **J Neurosurg** 1985 Sep;63(3):367–70

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 33–1985. Bilateral uveal disorder unresponsive to corticosteroid therapy. **N Engl J Med** 1985 Aug 15;313(7):436–43

Papillomas of lacrimal drainage system: a clinicopathologic study. Karcioglu ZA, et al. **Ophthalmic Surg** 1984 Aug; 15(8):670–6

Malignant teratoid medulloepithelioma in an adult. Litricin O, et al. **Ophthalmologica** 1985;191(1):17–21

Orbital granulocytic sarcoma as a presenting sign in acute myelogenous leukemia. Rajantie J, et al. **Ophthalmologica** 1984;189(3):158–61

Fine needle aspiration biopsy in the diagnosis of intraocular cancer. Cytologic–histologic correlations. Augsburger JJ, et al. **Ophthalmology** 1985 Jan;92(1):39–49

A clinicopathologic study of primary adenoid cystic carcinoma of the lacrimal gland. Lee DA, et al. **Ophthalmology** 1985 Jan;92(1):128–34

Nevus of Ota with associated palatal involvement. Page DG, et al. **Oral Surg Oral Med Oral Pathol** 1985 Mar;59(3):282–4

Anatomy and embryology of the eyelids: a review with special reference to the development of divided nevi. Hamming N. **Pediatr Dermatol** 1983 Jul;1(1):51–8 (43 ref.)

Melanocytoma: nomenclature, pathogenesis, natural history and treatment. Reidy JJ, et al. **Surv Ophthalmol** 1985 Mar–Apr;29(5):319–27

[Clinico–pathologic study of retinoblastoma] Wang YH. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):138–40 (Eng. Abstr.) **(Chi)**

[Inflammatory symptomatology in the clinical picture of retinoblastoma] Řehůřek J. **Cesk Oftalmol** 1985 Jul; 41(4):240–3 (Eng. Abstr.) **(Cze)**

[Neurofibroma of the lacrimal sac. Apropos of a case] Arne JL, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):665–9 (Eng. Abstr.) **(Fre)**

[Papillary recurrence of glioma of the optic nerve] Malan P, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):671–4 (Eng. Abstr.) **(Fre)**

[Tumors and pseudotumors of the pigment epithelium] Chamot L, et al. **J Fr Ophtalmol** 1984;7(12):825–36 (Eng. Abstr.) **(Fre)**

[Epibulbar osteoma] Zografos L, et al. **J Fr Ophtalmol** 1984; 7(10):625–6 **(Fre)**

[Von Hippel–Lindau syndrome] Reich H, et al. **Klin Monatsbl Augenheilkd** 1984 Jun;184(6):513–9 (Eng. Abstr.) **(Ger)**

[A clinicopathologic study on orbital and ocular adnexal lymphoid neoplasms] Uyeno Y. **Nippon Ganka Gakkai Zasshi** 1984 Aug;88(8):1128–37 (Eng. Abstr.) **(Jpn)**

[Capacity for differentiation and normalization of tumor cell populations transplanted into the anterior chamber. IV. Ehrlich ascites carcinoma] Al–Rubey AK, et al. **Tsitologiia** 1984 Dec;26(12):1376–83 (Eng. Abstr.) **(Rus)**

[Capacity for differentiation and normalization of tumor cell populations in transplantation into the anterior chamber of the eye. III. Rhabdomyosarcoma A–7 clones] Al–Rubey AK, et al. **Tsitologiia** 1984 Nov;26(11):1287–94 (Eng. Abstr.) **(Rus)**

[Retinoblastoma. Review of 10 necropsy cases] Calleja Romero MC, et al. **Bol Med Hosp Infant Mex** 1984 Jun; 41(6):335–40 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Natural killer cells kill human retinoblastoma cells. Ohashi Y, et al. **Jpn J Ophthalmol** 1984;28(4):370–6

Retinoblastoma and angiogenesis activity. Albert DM, et al. **Retina** 1984 Summer–Fall;4(3):189–94

RADIOGRAPHY

Computed tomography diagnoses of eye tumors and anomalies in early childhood and infancy. Fitz CR, et al. **Ann Radiol (Paris)** 1985;28(3–4):235–40 **(Eng, Fre)**

Diagnosis of orbital tumors by aspiration biopsy guided by computerized tomography. Czerniak B, et al. **Cancer** 1984 Dec 1;54(11):2385–9

Retinoblastoma. CT diagnosis. Char DH, et al. **Ophthalmology** 1984 Nov;91(11):1347–50

RADIOTHERAPY

Malignant fibrous histiocytoma of maxilla following radiotherapy for bilateral retinoblastoma. Nishizawa S, et al. **J Laryngol Otol** 1985 May;99(5):501-4

Treatment of retinoblastoma by precision megavoltage radiation therapy. Schipper J, et al. **Radiother Oncol** 1985 Feb;3(2):117-32

An accurate and simple method for megavoltage radiation therapy of retinoblastoma. Schipper J. **Radiother Oncol** 1983 Aug;1(1):31-41

[Conservative treatment of tumors of the retina at the Curie Institute. Long-term results of 129 cases treated with Stallard's disk and electrons] Haye C, et al. **Bull Cancer (Paris)** 1985;72(2):87-98 (Eng. Abstr.) **(Fre)**

[Bone sarcoma and malignant tumors of the retina] Schlienger P, et al. **Bull Cancer (Paris)** 1985;72(1):16-24 (Eng. Abstr.) **(Fre)**

[Radiotherapy treatment of malignant melanoma of the corneoscleral zone] Wetzel W. **Klin Monatsbl Augenheilkd** 1985 May;186(5):371-3 (Eng. Abstr.) **(Ger)**

SECONDARY

Intraocular extension of optic nerve meningioma in a case of neurofibromatosis. Cibis GW, et al. **Arch Ophthalmol** 1985 Mar;103(3):404-6

Intraocular metastases from cutaneous malignant melanoma. de Bustros S, et al. **Arch Ophthalmol** 1985 Jul;103(7):937-40

The choroid—an unusual site for metastasis in patients with adenocarcinoma of the rectum—a case report. Cole MD, et al. **Eur J Surg Oncol** 1985 Sep;11(3):275-8

Second nonocular tumors in retinoblastoma survivors. Are they radiation-induced? Abramson DH, et al. **Ophthalmology** 1984 Nov;91(11):1351-5

Fluorescein angiography of choroidal malignant melanomas with retinal invasion. Augsburger JJ, et al. **Retina** 1984 Fall-Winter;4(4):232-41

SURGERY

Surgical management of malignant tumors of the lacrimal gland. Janecka I, et al. **Am J Surg** 1984 Oct;148(4):539-41

Hematoporphyrin derivative photoradiation treatment of experimental malignant melanoma in the anterior chamber of the rabbit. Franken KA, et al. **Curr Eye Res** 1985 May;4(5):641-54

Treatment of retinoblastoma with argon laser photocoagulation. Masuyama Y, et al. **J Pediatr Ophthalmol Strabismus** 1984 Sep-Oct;21(5):169-71

The good doctor—the bad result. Avery JK. **J Tenn Med Assoc** 1985 Jul;78(7):440

[Treatment of retinal capillary angiomas of von Hippel's disease] Bonnet M, et al. **J Fr Ophtalmol** 1984;7(8-9):545-55 (Eng. Abstr.) **(Fre)**

THERAPY

Acute non-lymphocytic leukemia following multimodality therapy for retinoblastoma. White L, et al. **Cancer** 1985 Feb 1;55(3):496-8

Treatment of retinoblastoma and choroidal melanoma. A multidisciplinary approach. van Peperzeel HA. **Int Ophthalmol** 1985 Mar;7(3-4):255-8

[Retinoblastoma: clinical and therapeutic study] Marco M, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:410-3 **(Fre)**

[Treatment results in 45 patients with retinoblastoma] Lalive d'Epinay SP. **Klin Monatsbl Augenheilkd** 1985 Mar;186(3):200-5 (Eng. Abstr.) **(Ger)**

[Complications after treatment of retinoblastoma with radioactive cobalt and xenon photocoagulation] Zygulska-Machowa H, et al. **Klin Oczna** 1985 Feb;87(2):68-70 (Eng. Abstr.) **(Pol)**

ULTRASTRUCTURE

Glial cell component in retinoblastoma. Craft JL, et al. **Exp Eye Res** 1985 May;40(5):647-59

Immunohistochemical demonstration of neuronal and astrocytic differentiation in retinoblastoma. Messmer EP, et al. **Ophthalmology** 1985 Jan;92(1):167-73

VETERINARY

Bovine ocular squamous cell carcinoma: an epidemiological perspective. Heeney JL, et al. **Can J Comp Med** 1985 Jan;49(1):21-6

Metastatic ocular squamous cell carcinoma in a cat. Cook CS, et al. **J Am Vet Med Assoc** 1984 Dec 15;185(12):1547-9

Transitional cell carcinoma of the urethra metastatic to the eyes in a dog. Szymanski C, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):1003-4

Current concepts in the treatment of bovine ocular squamous cell tumors. Kainer RA. **Vet Clin North Am [Large Anim Pract]** 1984 Nov;6(3):609-22 (22 ref.)

Tumour-associated antigens in bovine ocular squamous cell carcinoma: studies with sera from tumour-bearing animals. Kuchroo VK, et al. **Vet Immunol Immunopathol** 1985 May;9(1):23-36

Ocular dermoids in Hereford cattle [letter] Bistner S. **Vet Pathol** 1984 Nov;21(6):553

Epibulbar solid dermoid choristoma in a pig. Brightman AH, et al. **Vet Pathol** 1985 May;22(3):292-4

Familial feline epibulbar dermoids. Hendy-Ibbs PM. **Vet Rec** 1985 Jan 5;116(1):13-4

EYE PROTECTIVE DEVICES see under **PROTECTIVE DEVICES**

EYE PROTEINS

The photosensitized oxidation of the calf lens main intrinsic protein (MP26) with hematoporphyrin. Roberts JE, et al. **Curr Eye Res** 1985 Mar;4(3):181-5

Adsorption of tear proteins on soft contact lenses. Gachon AM, et al. **Exp Eye Res** 1985 Jan;40(1):105-16

ANALYSIS

Identification of proteins in contact lens surface deposits by immunofluorescence microscopy. Gudmundsson OG, et al. **Arch Ophthalmol** 1985 Feb;103(2):196-7

Vascular endothelial cell growth inhibitor of normal and pathologic human vitreous. Jacobson B, et al. **Arch Ophthalmol** 1984 Oct;102(10):1543-5

Identification of proteins in contact lens surface deposits by immunofluorescence microscopy [letter] Refojo MF. **Arch Ophthalmol** 1985 Sep;103(9):1269-70

MP26 in the bovine lens: a post-embedding immunocytochemical study. Vallon O, et al. **Biol Cell** 1985;53(1):85-8

Immunochemical detection of S-100 protein in non-nervous structures of the rabbit eye. Michetti F, et al. **Brain Res** 1985 Apr 22;332(2):358-60

Membrane proteins and glycoproteins specific to central nervous system axons and growth cones. Schlosshauer B. **Brain Res** 1985 Apr;351(2):237-44

Serotonin and opsin immunoreactivities in the developing pineal organ of the three-spined stickleback, Gasterosteus aculeatus L. van Veen T, et al. **Cell Tissue Res** 1984;237(3):559-64

Opsin-immunoreactive outer segments of photoreceptors in the eye and in the lumen of the optic nerve of the hagfish, Myxine glutinosa. Vigh-Teichmann I, et al. **Cell Tissue Res** 1984;238(3):515-22

The molecular weight of bovine retinal S-antigen. Broekhuyse RM, et al. **Exp Eye Res** 1985 May;40(5):763-6

Identification of some plasma membrane proteins of cultured rat pigment epithelial cells by labeling with 125I. Clark VM, et al. **Exp Eye Res** 1984 Nov;39(5):611-28

Sequence analysis of peptide fragments from the intrinsic membrane protein of calf lens fibers MP26 and its natural maturation product MP22. Do Ngoc L, et al. **FEBS Lett** 1985 Feb 11;181(1):74-8

Silver staining of human aqueous humor proteins resolved by gel electrophoresis. Litin BS, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;221(6):290-2

Junctions between lens fiber cells are labeled with a monoclonal antibody shown to be specific for MP26. Sas DF, et al. **J Cell Biol** 1985 Jan;100(1):216-25

The gecko opsin: responses to geometric isomers of retinal and 3-dehydroretinal. Crescitelli F, et al. **Photochem Photobiol** 1985 Mar;41(3):309-16

[Identification and classification of proteins in the subretinal fluid. I. Use of specific antisera for differentiating between individual proteins in the subretinal fluid] Moster MF, et al. **Cesk Oftalmol** 1985 May;41(3):139-48 (Eng. Abstr.) **(Cze)**

[Identification and classification of proteins in subretinal fluid. II. Significance of the electrophoretic analysis of proteins in the subretinal fluid in estimating the duration of retinal detachment and the prognosis for its healing] Moster MF, et al. **Cesk Oftalmol** 1985 May;41(3):149-60 (Eng. Abstr.) **(Cze)**

[Electron microscopic and chemical studies on the pathologically altered vitreous body] Klemen UM. **Fortschr Med** 1984 Nov 29;102(44):1135-7 (Eng. Abstr.) **(Ger)**

[Immunochemical quantitative study of soluble proteins in the human vitreous] Ishizaki T. **Nippon Ganka Gakkai Zasshi** 1984 Dec;88(12):1487-91 (Eng. Abstr.) **(Jpn)**

[Analysis of aqueous humor proteins] Nakazawa A. **Nippon Ganka Gakkai Zasshi** 1985 Apr;89(4):631-7 (Eng. Abstr.) **(Jpn)**

[Protein indices of the subretinal fluid level in retinal detachment studied to determine the etiology and to establish the diagnostic parameters] Olteanu M, et al. **Rev Chir [Oftalmol]** 1985 Jan-Mar;29(1):19-25 (Eng. Abstr.) **(Rum)**

[Analysis of GTP-binding protein from the bovine retina. Complete amino acid sequence of the gamma-subunit] Ovchinnikov IuA, et al. **Bioorg Khim** 1984 Nov;10(11):1572-5 (Eng. Abstr.) **(Rus)**

[Comparative characteristics of the vitreous body proteins in vertebrates] Zorin NA, et al. **Zh Evol Biokhim Fiziol** 1985 Mar-Apr;21(2):130-3 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Total poly(A+)-messenger RNA from bovine lens cofractionates with sucrose purified fiber cell plasma membrane. Hentzen PC, et al. **Exp Eye Res** 1984 Jul;39(1):51-60

[Impairment of retinal protein synthesis and axonal transport along the optic pathway of albino rabbits by intraocular administration of methylmercury] Chihara E, et al. **Nippon Ganka Gakkai Zasshi** 1984 Sep;88(9):1224-8 (Eng. Abstr.) **(Jpn)**

GENETICS

The major intrinsic protein (MIP) of the bovine lens fiber membrane: characterization and structure based on cDNA cloning. Gorin MB, et al. **Cell** 1984 Nov;39(1):49-59

The Drosophila ninaE gene encodes an opsin. O'Tousa JE, et al. **Cell** 1985 Apr;40(4):839-50

IMMUNOLOGY

Immunoreactivity of rhodopsin and opsin. Plantner JJ, et al. **Biochim Biophys Acta** 1984 Nov 6;802(1):83-9

Sensory cells of the 'rod-' and 'cone-type' in the pineal organ of Rana esculenta, as revealed by immunoreaction against opsin and by the presence of an oil (lipid) droplet. Vigh B, et al. **Cell Tissue Res** 1985;240(1):143-8

Opsin-induced experimental autoimmune retinitis in rats. Broekhuyse RM, et al. **Curr Eye Res** 1984 Dec;3(12):1405-12

Localization and properties of an immunoreactive protein in bovine ciliary body similar to retinal S antigen. Kamada Y, et al. **Curr Eye Res** 1985 Mar;4(3):207-14

Phacoanaphylactic endophthalmitis following ECCE and IOL implantation. Apple DJ, et al. **J Am Intraocul Implant Soc** 1984 Fall;10(4):423-4

Preparation and characterization of monoclonal antibodies to several frog rod outer segment proteins. Witt PL, et al. **J Gen Physiol** 1984 Aug;84(2):251-63

ISOLATION & PURIFICATION

Delipidization of membrane glycoproteins solubilized in acidified chloroform/methanol. Preparation of N-retinylidene opsin in a water soluble form without-detergent. Curtino JA, et al. **Biochem Int** 1985 Jul;11(1):107-15

Opsin for immunological studies. Broekhuyse RM, et al. **Curr Eye Res** 1985 Mar;4(3):229-32

Isolation of an adhesion-mediating protein from chick neural retina adherons. Schubert D, et al. **J Cell Biol** 1985 Sep;101(3):1071-7

[Identification of the so-called 48 K protein that interacts with illuminated rhodopsin in retinal rods, and the retinal S antigen, inductor of experimental autoimmune uveoretinitis] Pfister C, et al. **C R Acad Sci [III]** 1984;299(8):261-5 (Eng. Abstr.) **(Fre)**

METABOLISM

Changes in albumoid protein during cataract formation. Alao JF, et al. **Afr J Med Med Sci** 1984 Sep-Dec;13(3-4):117-26

Experimental retinal detachment. IX. Aqueous, vitreous, and subretinal protein concentrations. Pederson JE, et al. **Arch Ophthalmol** 1985 Jun;103(6):835-6

Effects of fluoride on retinal rod outer segment cGMP phosphodiesterase and G-protein. Cook NJ, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):146-51

Major intrinsic polypeptide (MIP26K) from lens membrane: reconstitution into vesicles and inhibition of channel forming activity by peptide antiserum. Gooden M, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):993-9

Biochemical properties of 9-cis- and all-trans-retinoylopsins. Calhoon RD, et al. **Biochemistry** 1985 Jun 4;24(12):3029-34

Immunoassay of rod visual pigment (opsin) in the eyes of rds mutant mice lacking receptor outer segments. Schalken JJ, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):122-6

Physiological and pathobiological significance of ocular glycoproteins. I. Studies using fluorescein labelled glycine max. Ahmed AI, et al. **Br J Ophthalmol** 1985 Mar;69(3):162-70

Immunohistochemical localization of chick retinal 24 kdalton protein (visinin) in various vertebrate retinae. Hatakenaka S, et al. **Brain Res** 1985 Apr 8;331(2):209-15

Conformational state of lacrimal proteins adsorbed on contact lenses. Mannucci LL, et al. **Curr Eye Res** 1985 Jun;4(6):734-6

Calcium-binding characteristics of the EDTA-extractable proteins from calf lens fiber membranes. van den Eijnden-van Raaij AJ, et al. **Curr Eye Res** 1985 Jul;4(7):789-92

Chiral discrimination of 5,6-epoxy-3-dehydroretinal by aporetinochrome and cattle opsin. Seki T, et al. **Eur J Biochem** 1985 Mar 1;147(2):255-62

Light-induced binding of 48-kDa protein to photoreceptor membranes is highly enhanced by phosphorylation of rhodopsin. Kühn H, et al. **FEBS Lett** 1984 Oct 29;176(2):473-8

Hereditary ocular dysproteinhydria of the aqueous humour with crystalline deposits. Behrens-Baumann W, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;221(5):187-91

Changes in the levels of protein & bound hexose during cataractogenesis. Gopalakrishna K, et al. **Indian J Med Res** 1984 Oct;80:477-82

Lens cell-to-cell channel protein: II. Conformational change in the presence of calmodulin. Girsch SJ, et al. **J Membr Biol** 1985;83(3):227-33

Lens cell-to-cell channel protein: I. Self-assembly into liposomes and permeability regulation by calmodulin. Girsch SJ, et al. **J Membr Biol** 1985;83(3):217-25

Localization of chick retinal 24,000 dalton protein (visinin)-like immunoreactivity in the rat lower brain stem. Kiyama H, et al. **Neuroscience** 1985 Feb;14(2):547-56

Isomers of 3,7,11-trimethyldodeca-2,4,6,8,10-pentaenal (a linear analogue of retinal) and lower homologues in their interaction with bovine opsin and bacterioopsin. Rao VJ, et al. **Photochem Photobiol** 1985 Feb;41(2):171-4

Tunicamycin blocks the incorporation of opsin into retinal rod outer segment membranes. Fliesler SJ, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1116-20

Phosphorylation of lens fiber cell membrane proteins. Garland D, et al. **Proc Natl Acad Sci USA** 1985 Feb; 82(3):653-7

Competition between retinal and 3-dehydroretinal for opsin in the regeneration of visual pigment. Suzuki T, et al. **Vision Res** 1985;25(2):149-54

[Analysis of orthograde rapid axonal transport of the optic pathway. Biochemical analysis of adult albino rabbit optic pathway (I)] Sawaguchi S. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):285-93 (Eng. Abstr.) **(Jpn)**

[Fluorophotometric changes in fast axonally transported proteins in experimentally diabetic rabbits] Tsukada T, et al. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):279-84 (Eng. Abstr.) **(Jpn)**

[Heat denaturation of opsin in warm-blooded animals as a possible mechanism of light-induced retinal damage] Berman AL, et al. **Biull Eksp Biol Med** 1984 Oct; 98(10):396-8 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Proton uptake by light induced interaction between rhodopsin and G-protein. Schleicher A, et al. **Z Naturforsch [C]** 1985 May-Jun;40(5-6):400-5

SECRETION

Role of calcium in cholinergic stimulation of lacrimal gland protein secretion. Dartt DA, et al. **Curr Eye Res** 1985 Apr; 4(4):475-83

Influence of secretagogues on volume and protein pattern in rabbit lacrimal fluid. Stolze HH, et al. **Curr Eye Res** 1985 Apr;4(4):489-92

EYEBROWS

SURGERY

Use of Burow's wedge principle for repair of wounds in or near the eyebrow. Gormley DE. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):344-9

Reconstruction of the eyebrow in the pediatric burn patient. Pensler JM, et al. **Plast Reconstr Surg** 1985 Sep; 76(3):434-40

[Lateral lifting of the eyebrow associated with blepharoplasty] Clarendon CC. **Ann Chir Plast Esthet** 1984; 29(3):262-4 (Eng. Abstr.) **(Fre)**

EYEDROPS see **OPHTHALMIC SOLUTIONS**

EYEGLASSES

The effect of the rotational magnification of corrective spectacles on the quantitative evaluation of the VOR. Cannon SC, et al. **Acta Otolaryngol (Stockh)** 1985 Jul-Aug; 100(1-2):81-8

History of medicine in Alaska. Don't take it away. Wolf S. **Alaska Med** 1985 Jan-Mar;27(1):12

Progressive-addition lenses in the treatment of accommodative esotropia. Smith JB. **Am J Ophthalmol** 1985 Jan 15;99(1):56-62

Clinical trial with commercial aspheric aphakic lenses. Atchison DA, et al. **Am J Optom Physiol Opt** 1984 Sep; 61(9):566-75

Aspheric spectacle lens designs for aphakia. Fowler CW. **Am J Optom Physiol Opt** 1984 Dec;61(12):737-40

Combination of a side shield with an ocular moisture chamber. Gresset J, et al. **Am J Optom Physiol Opt** 1984 Sep;61(9):610-2

Clinical approaches to nearpoint lens power determination. Haynes HM. **Am J Optom Physiol Opt** 1985 Jun; 62(6):375-85

Amorphic lenses: a mobility aid for patients with retinitis pigmentosa. Hoeft WW, et al. **Am J Optom Physiol Opt** 1985 Feb;62(2):142-8

Effect of yellow-tinted lenses on contrast sensitivity. Kelly SA, et al. **Am J Optom Physiol Opt** 1984 Nov;61(11):657-62

Tscherning ellipses and ray tracing in aspheric ophthalmic lenses. Malacara D, et al. **Am J Optom Physiol Opt** 1985 Jul;62(7):456-62

Tscherning ellipses and ray tracing in ophthalmic lenses. Malacara Z, et al. **Am J Optom Physiol Opt** 1985 Jul; 62(7):447-55

Effects of using an orange filter on the color perception of dichromats. Polizzotto L. **Am J Optom Physiol Opt** 1984 Aug;61(8):532-7

Physiological effects of plus lens application. Press LJ. **Am J Optom Physiol Opt** 1985 Jun;62(6):392-7 (27 ref.)

Prescribing spectacles for anophthalmic patients. Lloyd WC 3d, et al. **Ann Ophthalmol** 1985 Jul;17(7):426-7

The effect of a 550 nm cutoff filter on the vision of cataract patients. Tupper B, et al. **Ann Ophthalmol** 1985 Jan; 17(1):67-72

Bioptic telescopes [letter] Bailey IL. **Arch Ophthalmol** 1985 Jan;103(1):13-4

Automobile driving with telescopic aids [letter] Lippmann O. **Arch Ophthalmol** 1985 Apr;103(4):476-7

Sphere and cylinder distribution among the USAF rated population requiring spectacles. Provines WF, et al. **Aviat Space Environ Med** 1984 Aug;55(8):751-3

Vision training and learning disorders. Heiger AA. **Conn Med** 1984 Dec;48(12):778-80

The effectiveness of multifocal correction upon presbyopic near and intermediate visual resolution performance. Barker FM 2d. **J Am Optom Assoc** 1984 Oct;55(10):753-7

Telescopic correction for VDT usage for a patient with low vision. Barron C, et al. **J Am Optom Assoc** 1984 Nov; 55(11):847-9

Multifocal lens decentration and size as a function of reading distance. Gerstman DR. **J Am Optom Assoc** 1984 Aug; 55(8):575-9

The Houston myopia control study: a preliminary report by the patient care team. Grosvenor T, et al. **J Am Optom Assoc** 1985 Aug;56(8):636-43

Pros and cons of a Fresnel lens low vision aid. Holle MR, et al. **J Am Optom Assoc** 1985 Jul;56(7):566-7

Long-term acceptance of prisms by heterophorics. Lie I, et al. **J Am Optom Assoc** 1985 Apr;56(4):272-8

Effect of monocular occlusion on visuomotor perception and reading in dyslexic children. Stein J, et al. **Lancet** 1985 Jul 13;2(8446):69-73

Mean and variance of meridional powers of sphero-cylindrical prescriptions [letter] Churms PW. **Ophthalmic Physiol Opt** 1984;4(4):373-5

Two spectacle lenses for aphakia. Fowler CW. **Ophthalmic Physiol Opt** 1984;4(4):369-72

Do retinitis pigmentosa patients prefer red photochromic lenses? [letter] Silver JH, et al. **Ophthalmic Physiol Opt** 1985;5(1):87-9

An analysis of visual performance with soft contact lens and spectacle correction. Tomlinson A, et al. **Ophthalmic Physiol Opt** 1985;5(1):53-7

Fresnel prism correction for trauma-induced diplopia. Woo GC, et al. **Ophthalmic Physiol Opt** 1985;5(1):59-62

'Thanks again, Harvey' [letter] Durham DG. **Ophthalmic Surg** 1984 Oct;15(10):875

The treatment of myopia with atropine and bifocals. A long-term prospective study. Brodstein RS, et al. **Ophthalmology** 1984 Nov;91(11):1373-9

Treatment of myopia with atropine and bifocals [letter] Gruber E. **Ophthalmology** 1985 Jul;92(7):985

Use of a head mirror and bifocals simultaneously. Kearby NL. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):282-3

The eyes as a portal of entry for hepatitis and other infectious diseases. Cobo JC, et al. **Surg Gynecol Obstet** 1985 Jul; 161(1):71

Vertical prisms. Why avoid them? Bixenman WW. **Surv Ophthalmol** 1984 Jul-Aug;29(1):70-8

Aiding the vision in albinism—optical and non-optical means considered. Taylor WO. **Trans Ophthalmol Soc UK** 1985; 104 (Pt 3):309-14

[Damage from light and sunglasses] Oosterhuis JA. **Ned Tijdschr Geneeskd** 1985 Jun 29;129(26):1220-2 **(Dut)**

[Multifocal eyeglasses: rules for prescription] Catros A, et al. **Annee Ther Clin Ophtalmol** 1983;34:135-49 **(Fre)**

[Licorne eyeglasses. Pre- and postoperative treatment of strabismus] Mawas LJ. **Bull Mem Soc Fr Ophtalmol** 1985; 96:36-40 **(Fre)**

[Treatment of spasms of convergence with liquid crystal glasses] Carre H, et al. **Bull Soc Ophtalmol Fr** 1983 Oct; 83(10):1195-8 (Eng. Abstr.) **(Fre)**

[Influence of new aphakia glasses on the visual field and field of the gaze] Flament J, et al. **Bull Soc Ophtalmol Fr** 1983 Dec;83(12):1399-406 (Eng. Abstr.) **(Fre)**

[Binocular vision of bilateral aphakic subjects fitted with glasses] Magnard P, et al. **Bull Soc Ophtalmol Fr** 1983 Nov; 83(11):1297-8 **(Fre)**

[Unicorn spectacles] Mawas LJ. **Bull Soc Ophtalmol Fr** 1984 Jun-Jul;84(6-7):741-3 (Eng. Abstr.) **(Fre)**

[Power in the periphery of several aspheric eyeglasses for aphakic patients] Simonet P. **J Fr Ophtalmol** 1984; 7(12):789-800 (Eng. Abstr.) **(Fre)**

[Results in the first year of life with the complete correction of 12 dpt anisometropia: early sensory plasticity] Rethy S. **Fortschr Ophthalmol** 1985;82(2):210-1 (Eng. Abstr.) **(Ger)**

[Magnifying vision aids and their use by vision-handicapped patients] Krause K, et al. **Klin Monatsbl Augenheilkd** 1985 Jan;186(1):61-5 (Eng. Abstr.) **(Ger)**

[Treatment of strabismus in adults and adolescents] Baranowska-George T. **Klin Oczna** 1984 Sep;86(9):417-9 (Eng. Abstr.) **(Pol)**

[Suggestions for uniform criteria in the therapy of strabismus] Baranowska-George T. **Klin Oczna** 1984 Oct;86(10):437-9 (Eng. Abstr.) **(Pol)**

[Results of the diploptic treatment of patients with accommodative convergent strabismus using Bagolini's striate glasses] Serdiuchenko VI. **Oftalmol Zh** 1984; (5):286-9 (Eng. Abstr.) **(Rus)**

[Determination of values for positive spherical lenses to correct presbyopia using nomograms] Suzdal'skiĭ IuA. **Oftalmol Zh** 1984;(6):344-7 (Eng. Abstr.) **(Rus)**

[Dark adaptation with eyeglasses and contact lens correction in patients with high myopia] Zhivotovskiĭ LD. **Oftalmol Zh** 1985;(3):164-5 (Eng. Abstr.) **(Rus)**

[Echo-ophthalmological examination in forensic medicine] Shimanovich RL, et al. **Sud Med Ekspert** 1985 Jan-Mar; 28(1):49-50 **(Rus)**

HISTORY

[A cow with glasses. Satirical representation of glasses in a Viennese fresco around 1500] Grossmann T. **Klin Monatsbl Augenheilkd** 1984 Dec;185(6):552-3 (Eng. Abstr.) **(Ger)**

STANDARDS

Retinal image quality during oblique gaze through spectacle lenses: plastic vs. glass. Code SM, et al. **Am J Optom Physiol Opt** 1985 Apr;62(4):240-5

Users' and nonusers' evaluations of the CPF 550 lenses. Morrissette DL, et al. **Am J Optom Physiol Opt** 1984 Nov; 61(11):704-10

Toward the design of an optimal filter for enhancement of dichromat monocular chromatic discrimination. Richer SP, et al. **Am J Optom Physiol Opt** 1985 Feb;62(2):105-10

The effects of spectacle frames on field of vision. Dille JR, et al. **Aviat Space Environ Med** 1984 Oct;55(10):957-9

SUPPLY & DISTRIBUTION

[Assessment of the demand for single-focus eyeglass lenses] Rozenblium IuZ, et al. **Med Tekh** 1984 Jul-Aug;(4):38-45 **(Rus)**

EYELASHES

Eyelash infestation by Phthirus pubis as a manifestation of child abuse [letter] Scott MJ, et al. **Pediatr Dermatol** 1983 Oct;1(2):179

ABNORMALITIES

Distichiasis, congenital heart defects and mixed peripheral vascular anomalies. Goldstein S, et al. **Am J Med Genet** 1985 Feb;20(2):283-94

A simplified cryotherapy technique for trichiasis and distichiasis. Delaney MR, et al. **Aust J Ophthalmol** 1984 May;12(2):163-6

Observations on distichiasis, telecanthus, ectropion and blow-out orbital fracture. Rogers PA. **Aust J Ophthalmol** 1984 May;12(2):179-81

[Distichiasis-lymphedema syndrome] Adamovich K. **Orv Hetil** 1985 Mar 24;126(12):715-6 (Eng. Abstr.) **(Hun)**

GROWTH & DEVELOPMENT

Increased growth of eyelashes in a patient given leukocyte A interferon [letter] Foon KA, et al. **N Engl J Med** 1984 Nov 8;311(19):1259

SURGERY

Treatment of trichiasis with a lid cryoprobe. Johnson RL, et al. **Br J Ophthalmol** 1985 Apr;69(4):267-70

EYELID CONDITIONING see **CONDITIONING, EYELID**

EYELID DISEASES

[Demodex folliculorum] Utíkalová M, et al. **Cesk Oftalmol** 1985 May;41(3):202-3 (Eng. Abstr.) **(Cze)**

CHEMICALLY INDUCED

Cosmetic dermatitis of the eyelids. Fisher AA. **Cutis** 1984 Sep;34(3):216, 218, 220-1

[Light, scanning and transmission electron microscopy study of a spitting cobra injury] Grüntzig J, et al. **Fortschr Ophthalmol** 1984;81(3):231-3 (Eng. Abstr.) **(Ger)**

[Iatrogenic teflon granuloma of the eyelid. (Teflon paste, an unsuitable filling material for plastic eyelid surgery)] Daicker B, et al. **Klin Monatsbl Augenheilkd** 1985 Feb; 186(2):121-3 (Eng. Abstr.) **(Ger)**

COMPLICATIONS

Molluscum contagiosum occurring in an epidermal cyst on the eyelid. Light and electron-microscopic studies with literature review. Ueyama Y, et al. **Acta Pathol Jpn** 1985 Jan;35(1):193-8

Floppy eyelid with hyperglycinemia. Gerner EW, et al. **Am J Ophthalmol** 1984 Nov;98(5):614-6

Lagophthalmos in acquired oculomotor synkinesis. Safran AB, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):747-50

AEC syndrome: ankyloblepharon, ectodermal defects, and cleft lip and palate. Report of two cases. Spiegel J, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):810-5

Blepharospasm associated with palatal myoclonus and communicating hydrocephalus [letter] **Neurology** 1984 Nov;34(11):1522-4

CONGENITAL

Primary congenital eversion of the eyelids. deLuise V. **Ann Ophthalmol** 1984 Aug;16(8):796-7

Congenital eyelid eversion with orbicularis spasm. Raab EL, et al. **J Pediatr Ophthalmol Strabismus** 1985 Jul-Aug; 22(4):125-8

[Palpebral cyst with dental inclusion] George JL, et al. **Bull Soc Ophtalmol Fr** 1983 Dec;83(12):1437-42 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

Blepharochalasis syndrome. Custer PL, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):424-8

Clues to the diagnosis of functional unilateral blepharoptosis. Safran AB. **Am J Ophthalmol** 1985 May 15;99(5):612-3

A repetitive forced closure test [letter] Gladstone GJ, et al. **Arch Ophthalmol** 1985 Apr;103(4):477, 480

Blepharoplasty. Indications and preoperative assessment. Holt JE, et al. **Arch Otolaryngol** 1985 Jun;111(6):394-7

Observations on distichiasis, telecanthus, ectropion and blow-out orbital fracture. Rogers PA. **Aust J Ophthalmol** 1984 May;12(2):179-81

Allergic contact dermatitis. Jennings BJ. **J Am Optom Assoc** 1985 Jun;56(6):474-8

DRUG THERAPY

Methicillin-resistant Staphylococcus epidermidis blepharitis. Khan JA, et al. **Am J Ophthalmol** 1984 Nov;98(5):562-5

Sequelae of botulinum toxin injection. Lingua RW. **Am J Ophthalmol** 1985 Aug 15;100(2):305-7

The use of botulinum toxin in blepharospasm. Shorr N, et al. **Am J Ophthalmol** 1985 May 15;99(5):542-6

Treatment of blepharospasm with botulinum toxin. Tsoy EA, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):176-9

Treatment of blepharospasm with botulinum toxin. A preliminary report. Frueh BR, et al. **Arch Ophthalmol** 1984 Oct;102(10):1464-8

Botulinum A toxin injection as a treatment for blepharospasm. Scott AB, et al. **Arch Ophthalmol** 1985 Mar;103(3):347-50

Intralesional corticosteroid therapy of chalazia: a comparison with incision and curettage. Jacobs PM, et al. **Br J Ophthalmol** 1984 Nov;68(11):836-7

Treatment of chalazions with injection of a steroid suspension. Watson AP, et al. **Br J Ophthalmol** 1984 Nov;68(11):833-5

Effect of treatment with botulinum toxin on neurogenic blepharospasm. Elston JS, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1857-9

Effects of systemic corticosteroids on post-cryosurgical edema and other manifestations of the inflammatory response. Kuflik EG, et al. **J Dermatol Surg Oncol** 1985 May;11(5):464-8

Botulinum isn't just a poison anymore. Botulinum toxin in treatment of strabismus and essential blepharospasm. Cibis GW, et al. **Mo Med** 1985 Mar;82(3):145-7

Blepharospasm, Meige syndrome, and hemifacial spasm: treatment with botulinum toxin. Mauriello JA Jr. **Neurology** 1985 Oct;35(10):1499-500

Kenalog injection of chalazia. Lander JR, et al. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter;37(2):183-4

Trichloroacetic acid treatment of adnexal sudoriferous cyst. Notz RG. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter;37(2):181-2

[Chemosurgical treatment of xanthelasmas with Solcoderm] Büchner SA. **Z Hautkr** 1984 Nov 1;59(21):1435-43 (Eng. Abstr.) **(Ger)**

[Efficacy of combined biological therapy with bee products in localized palpebral and conjunctival eye lesions with reference to the clinico-functional changes] Popescu MP, et al. **Rev Chir [Oftalmol]** 1985 Jan-Mar;29(1):53-61 (Eng. Abstr.) **(Rum)**

[Nonsurgical method of treating chalazion in pediatric ophthalmological practice] Lupan DS, et al. **Vestn Oftalmol** 1985 May-Jun;101(3):46-7 **(Rus)**

[Use of the proteolytic enzyme preparation lekozim for treating chalazion] Polunin GS, et al. **Vestn Oftalmol** 1985 May-Jun;101(3):44-6 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Tear lysozyme measurements in chronic blepharitis. Dougherty JM, et al. **Ann Ophthalmol** 1985 Jan;17(1):53-7

ETIOLOGY

Phthirus pubis (pubic louse) blepharitis. Baker RS, et al. **Am J Dis Child** 1984 Nov;138(11):1079-80

Eyelid ecchymosis and proptosis in lymphangioma. Dryden RM, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):486-7

Demodectic mites and chalazion. English FP, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):482-3

Tattoos today. From eyelids to ankles and some in '3-D'. Goldstein N. **Arch Dermatol** 1985 May;121(5):604-5

Blepharitis by Microsporum canis. Rysselaere M. **Bull Soc Belge Ophtalmol** 1983;207:93-6

Blepharitis associated with acne rosacea and seborrheic dermatitis. McCulley JP, et al. **Int Ophthalmol Clin** 1985 Spring;25(1):159-72

Unilateral eyelid retraction secondary to contralateral ptosis in dysthyroid ophthalmopathy. Lohman L, et al. **J Clin Neuro Ophthalmol** 1984 Sep;4(3):163-6

Blepharospasm due to unilateral diencephalon infarction [letter] Powers JM. **Neurology** 1985 Feb;35(2):283-4

Lid retraction or no lid retraction in optic neuropathy with proptosis [clinical conference] Miller NR, et al. **Surv Ophthalmol** 1985 May-Jun;29(6):443-9

[Palpebral signs of hypothyroidism] Prigent F, et al. **Ann Dermatol Venereol** 1984;111(9):837-8 **(Fre)**

[Fungal infection of the maxillary sinus complicated by fistula of the lower eyelid] Alimov AI, et al. **Vestn Otorinolaringol** 1985 Mar-Apr;(2):68-9 **(Rus)**

[Rhinogenic orbital complications] Dadamukhamedov AN, et al. **Vestn Otorinolaringol** 1985 Mar-Apr;(2):51-3 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

Chronic blepharitis and pyoderma of the scalp: an immune deficiency state in a father and son with hypercupremia and decreased intracellular killing. Wheeland RG, et al. **Pediatr Dermatol** 1983 Oct;1(2):134-42

[Colobomatous microphthalmos with cyst and 4 P-syndrome] Baudet D, et al. **Bull Soc Ophtalmol Fr** 1984 Jan;84(1):67-8 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

Microbial and immunological investigations of chronic non-ulcerative blepharitis and meibomianitis. Seal DV, et al. **Br J Ophthalmol** 1985 Aug;69(8):604-11

PATHOLOGY

Granuloma annulare of the eyelid. Wojno T, et al. **Ann Ophthalmol** 1985 Jan;17(1):73-5

Ascher's syndrome. Sengupta P, et al. **J Indian Med Assoc** 1985 Jan;83(1):20-1

The diagnostic value of fungal autofluorescence. Margo CE, et al. **Surv Ophthalmol** 1985 Mar-Apr;29(5):374-6

[Verrucous-form dermatosis papulosa nigra of the eyelid] Dhermy P, et al. **J Fr Ophtalmol** 1984;7(5):411-2 **(Fre)**

[Palpebral cutaneous localizations of sarcoidosis] Dufier JL, et al. **J Fr Ophtalmol** 1984;7(10):623-4 **(Fre)**

PHYSIOPATHOLOGY

'Apraxia' of eyelid opening: an involuntary levator inhibition. Lepore FE, et al. **Neurology** 1985 Mar;35(3):423-7

Stretch reflex blepharospasm. Obeso JA, et al. **Neurology** 1985 Sep;35(9):1378-80

[The Marcus Gunn phenomenon] Raverdy P, et al. **Rev Neurol (Paris)** 1984;140(12):734-7 (Eng. Abstr.) **(Fre)**

PREVENTION & CONTROL

Prevention of the eye closure defect in lgMl/lgMl fetal mice by thyroxine. Juriloff DM. **Teratology** 1985 Aug;32(1):73-86

PSYCHOLOGY

Psychological aspects of essential blepharospasm. Diamond EL, et al. **J Nerv Ment Dis** 1984 Dec;172(12):749-56

SURGERY

Surgical management of floppy eyelid syndrome. Dutton JJ. **Am J Ophthalmol** 1985 May 15;99(5):557-60

CO2 laser excision of xanthelasma lesions. Gladstone GJ, et al. **Arch Ophthalmol** 1985 Mar;103(3):440-2

Bank keratopathy after orbicularis extirpation for essential blepharospasm [letter] Thall EH, et al. **Arch Ophthalmol** 1985 Apr;103(4):475

Use of electrosurgery in blepharoplasty. Colton JJ, et al. **Arch Otolaryngol** 1985 Jul;111(7):441-2

Ophthalmic plastic and reconstructive surgery. Victor WH. **Ariz Med** 1985 Feb;42(2):82-7

A simplified cryotherapy technique for trichiasis and distichiasis. Delaney MR, et al. **Aust J Ophthalmol** 1984 May;12(2):163-6

Treatment of trichiasis with a lid cryoprobe. Johnson RL, et al. **Br J Ophthalmol** 1985 Apr;69(4):267-70

Lymphoedema of the eyelids in the yellow nail syndrome. Maisels DO, et al. **Br J Plast Surg** 1985 Jan;38(1):93-6

Surgical treatment of lid retraction. Betharia SM, et al. **Indian J Ophthalmol** 1984 Mar-Apr;32(2):93-6

Myectomy for essential blepharospasm. Jones TW Jr, et al. **Mayo Clin Proc** 1985 Oct;60(10):663-6

Lamellar tarsoplasty--a new technique for correction of horizontal tarsal kink. McCarthy RW. **Ophthalmic Surg** 1984 Oct;15(10):859-60

Posttraumatic unilateral blepharospasm treated by selective facial neurectomy. Wexler MR, et al. **Plast Reconstr Surg** 1985 Jul;76(1):114-7

[Yttrium-aluminum-garnet laser with a fiber light guide in the treatment of eyelid disease] Shao TY. **Chung Hua Yen Ko Tsa Chih** 1984 Mar;20(2):97-8 **(Chi)**

[Possibilities of using the CO2-laser in plastic surgery of the eyelids] Bol'shunov AV, et al. **Vestn Oftalmol** 1985 May-Jun;101(3):30-2 (Eng. Abstr.) **(Rus)**

THERAPY

Hypnosis and biofeedback as adjunctive therapy in blepharospasm: a case report. Murphy JK, et al. **Am J Clin Hypn** 1984 Jul;27(1):31-7

Blepharospasm and Meige syndrome: a review of diagnostic, aetiological and treatment approaches. Faulstich ME, et al. **J Psychosom Res** 1985;29(1):89-94 (46 ref.)

Botulinum toxin may help blepharospasm sufferers [news] Cole H. **JAMA** 1985 Oct 4;254(13):1688, 1690

VETERINARY

Surgical correction of third eyelid prolapse in dogs. Kaswan RL, et al. **J Am Vet Med Assoc** 1985 Jan 1;186(1):83

Treatment of equine sarcoids with BCG. Webster CJ, et al. **Vet Rec** 1985 Feb 2;116(5):131-2

EYELID NEOPLASMS

Angiosarcoma of the face. Mackenzie IJ. **Arch Dermatol** 1985 Apr;121(4):549-50

Ophthalmologic oncology: sebaceous carcinomas of the eyelids. Pang P, et al. **J Dermatol Surg Oncol** 1985 Mar;11(3):260-4

DIAGNOSIS

Polymorphic B-cell lymphoma of the eyelid. Lins ME, et al. **Am J Ophthalmol** 1984 Nov;98(5):634-5

Neurilemoma of the eyelid resembling a recurrent chalazion. Shields JA, et al. **Arch Ophthalmol** 1984 Nov;102(11):1650

[Course of malignant histiocytosis] Trinkmann R. **Ophthalmologica** 1984;189(4):177-9 (Eng. Abstr.) **(Ger)**

[Orbital and eyelid tumors as one of the signs of generalized lymphoma] Ciszewska J, et al. **Klin Oczna** 1984 Aug;86(8):349-51 (Eng. Abstr.) **(Pol)**

DRUG THERAPY

Topical treatment of periocular basal cell epithelioma with solcoderm. Azizi E, et al. **Ophthalmologica** 1984;189(3):116-20

FAMILIAL & GENETIC

Familial syringoma. Case history and application of monoclonal anti-eccrine gland antibodies. Hashimoto K, et al. **Arch Dermatol** 1985 Jun;121(6):756-60

PATHOLOGY

A clinicopathologic study of 21 cases of adenoid squamous cell carcinoma of the eyelid and periorbital region. Caya JG, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):291-7

Pilomatrixoma. An unusual case with secondary corneal ulcer. de Azevedo ML, et al. **Arch Ophthalmol** 1985 Apr;103(4):553-4

Intravenous pyogenic granuloma of the ocular adnexa. Report of two cases and review of the literature. Truong L, et al. **Arch Ophthalmol** 1985 Sep;103(9):1364-7

Malignant melanoma of the eyelid skin: histopathology and behaviour. Garner A, et al. **Br J Ophthalmol** 1985 Mar;69(3):180-6

Granular cell tumor of the lower lid: histological and immunohistochemical studies. Ishibashi T, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;222(2):75-8

Meningeal carcinomatosis due to basal cell carcinoma. Soffer D, et al. **Hum Pathol** 1985 May;16(5):530-2

Malignant syringoma of the eyelid. Glatt HJ, et al. **Ophthalmology** 1984 Aug;91(8):987-90

Small lymphangiomas of the eyelids. Pang P, et al. **Ophthalmology** 1984 Oct;91(10):1278-84

Nevus of Ota with associated palatal involvement. Page DG, et al. **Oral Surg Oral Med Oral Pathol** 1985 Mar;59(3):282-4

[Histopathology of basal cell carcinoma of the eyelids] Zheng BH. **Chung Hua Yen Ko Tsa Chih** 1984 Jul;20(4):201-3 **(Chi)**

[Recurrent dysimmune lymphomatosis with double palpebral and pulmonary localization. Value of immunohistological study] Entraygues H, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1301-4 **(Fre)**

[Sebaceous carcinoma. Its focus apropos of a case] Flament J, et al. **Bull Soc Ophtalmol Fr** 1984 Mar;84(3):279, 281-4 (Eng. Abstr.) **(Fre)**

[Malignant blue nevus in Ota's nevus] Nödl F, et al. **Hautarzt** 1984 Aug;35(8):421-4 (Eng. Abstr.) **(Ger)**

[Blue nevus of the skin of the lower eyelid and of the conjunctiva of the left eye] Pil'man NI, et al. **Oftalmol Zh** 1984;(3):184-5 **(Rus)**

[Tumors of the eyelid in the elderly] Dimoski N, et al. **Med Pregl** 1985;38(3-4):153-6 (Eng. Abstr.) **(Scr)**

RADIOTHERAPY

Management of eyelid lymphoma (radiotherapeutic concept). Singh JK, et al. **Indian J Ophthalmol** 1984 Mar-Apr;32(2):101-4

Combining backscattered electrons and low energy photons to improve the dose distribution to an eyelid. Lambert GD, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):617-20

[30 years' radium therapy of eyelid epitheliomas in ophthalmologic practice] Chassaing J. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1207-8 **(Fre)**

[Role of radiotherapy in the treatment of epitheliomas of the eyelid] Dumesnil Y, et al. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1209-12 **(Fre)**

[Treatment of palpebral epithelioma by interstitial radiotherapy] Poulignier JF, et al. **Bull Soc Ophtalmol Fr** 1984 Jan;84(1):51-3 **(Fre)**

SECONDARY

Metastatic eyelid carcinoma. Arnold AC, et al. **Ophthalmology** 1985 Jan;92(1):114-9

SURGERY

Sebaceous gland carcinoma [letter] Boynton JR, et al. **Arch Ophthalmol** 1985 Feb;103(2):175, 179

The use of a periosteal strip for eyelid reconstruction.

Weinstein GS, et al. **Arch Ophthalmol** 1985 Mar; 103(3):357-9

A ten-year hospital survey of eyelid cancer. Francis IC, et al. **Aust J Ophthalmol** 1984 May;12(2):121-7

Reconstruction of the eyelids following resection for carcinoma. Putterman AM. **Clin Plast Surg** 1985 Jul; 12(3):393-410

International dermatosurgery: eyelid surgery (Part III). Camacho-Martinez F. **J Dermatol Surg Oncol** 1985 May; 11(5):489-95

Sebaceous carcinoma of the eyelid: treatment with Mohs surgery. Dzubow LM. **J Dermatol Surg Oncol** 1985 Jan; 11(1):40-4

Cryosurgery for carcinoma of the eyelids: a 12-year experience. Kuflik EG. **J Dermatol Surg Oncol** 1985 Mar; 11(3):243-6

Surgical management of cutaneous carcinomas at the inner canthus. Spector JG. **Laryngoscope** 1985 May;95(5):601-7

Carbon-dioxide laser treatment of eye lid lesions. Chopdar A. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):176-80

[Plastic repair of the eyelid margin by free transfer of a transplant from the opposite eyelid] Beran V. **Cesk Oftalmol** 1984 Sep;40(5):321-6 (Eng. Abstr.) **(Cze)**

[Treatment of tumors of the internal angle of the eye with respect of the lacrimal ducts: a study of the surgical treatment of 26 cases] Adenis JP, et al. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1221-4 **(Fre)**

[Plastic surgery using frontal flaps after the surgical excision of epitheliomas of the eyelids] Arnaud B, et al. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1217-9 **(Fre)**

[Surgical treatment of epitheliomas of the eyelids excluding the internal angle] Barraco P, et al. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1213-5 **(Fre)**

[A case of total reconstruction of the lower eyelid after tumor excision] Bollee L, et al. **Bull Soc Ophtalmol Fr** 1984 Jan; 84(1):61-3 (Eng. Abstr.) **(Fre)**

[Orbitopalpebral neurofibromatosis: orbital enlargement by an intracranial approach and palpebral correction] Marchac D, et al. **J Fr Ophtalmol** 1984;7(6-7):469-78 (Eng. Abstr.) **(Fre)**

[Therapy and course of a malignant double melanoma] Richter P, et al. **Zentralbl Gynakol** 1985;107(12):769-71 (Eng. Abstr.) **(Ger)**

THERAPY

[Basal cell carcinoma of the eyelid--analysis of 40 cases] Yuan NF. **Chung Hua Yen Ko Tsa Chih** 1984 May; 20(3):167-9 **(Chi)**

[Characteristics of the diagnosis and treatment of eyelid epitheliomas] Catros A, et al. **Bull Soc Ophtalmol Fr** 1984 Jan;84(1):45-6 **(Fre)**

[Orbitopalpebral rhabdomyosarcoma in a 17-year-old adolescent] Nicaise A, et al. **Bull Soc Ophtalmol Fr** 1984 Jan;84(1):55-8 (Eng. Abstr.) **(Fre)**

ULTRASTRUCTURE

Amelanotic malignant melanoma [letter] Thorstenson S. **Ultrastruct Pathol** 1984;6(4):351-7

EYELIDS

see related

NICTITATING MEMBRANE

Eyelid suspension with a transposed levator palpebrae superioris muscle. Neuhaus RW. **Am J Ophthalmol** 1985 Aug 15;100(2):308-11

Demodectic oviposition in the eyelid. English FP, et al. **Aust N Z J Ophthalmol** 1985 Feb;13(1):71-3

Dermatitis from nickel eyelash curler. Romaguera C, et al. **Contact Dermatitis** 1985 Mar;12(3):174

Congenital eyelid eversion with orbicularis spasm. Raab EL, et al. **J Pediatr Ophthalmol Strabismus** 1985 Jul-Aug; 22(4):125-8

ABNORMALITIES

Z-epicanthoplasty. Lessa S, et al. **Aesthetic Plast Surg** 1984; 8(3):159-63

Brief clinical report: syndrome of telecanthus, hypertelorism, strabismus, and pes cavus in father and son. Krauss CM, et al. **Am J Med Genet** 1985 Jan;20(1):159-63

Floppy eyelid with hyperglycinemia [letter] **Am J Ophthalmol** 1985 May 15;99(5):619-20

Ablepharon macrostomia syndrome. Hornblass A, et al. **Am J Ophthalmol** 1985 May 15;99(5):552-6

Prognosis for babies born with fused eyelids. Cross G, et al. **Arch Dis Child** 1985 May;60(5):479-80

Observations on distichiasis, telecanthus, ectropion and blow-out orbital fracture. Rogers PA. **Aust J Ophthalmol** 1984 May;12(2):179-81

Ankyloblepharon filiforme adnatum in trisomy 18 (Edwards's syndrome). Clark DI, et al. **Br J Ophthalmol** 1985 Jun; 69(6):471-3

Congenital accessory ectopic eyelid: case report. Prasanna M. **Br J Plast Surg** 1985 Jul;38(3):429-31

Euryblepharon. Betharia SM, et al. **Indian J Ophthalmol** 1984 Jan-Feb;32(1):41-3

Franceschetti's syndrome with bilateral atresia of lower puncta and canaliculi. Prasad VN, et al. **Indian J Ophthalmol** 1984 Jan-Feb;32(1):35-6

Blepharophimosis and female infertility [editorial] **Lancet** 1984 Oct 6;2(8406):794

Re-examining the tarsal kink syndrome: considerations of its etiology and treatment. Bosniak S, et al. **Ophthalmic Surg** 1985 Jul;16(7):437-40

Connective tissue changes associated with inferior epiblepharon, epicanthus, and keratoconus. Daxecker F, et al. **Ophthalmologica** 1985;191(1):12-6

Prevention of the eye closure defect in lgMl/lgMl fetal mice by thyroxine. Juriloff DM. **Teratology** 1985 Aug; 32(1):73-86

[Reparative surgical procedure in palpebral coloboma by a tarsal substitute with a teflon artificial artery] Olteanu M, et al. **Rev Chir [Oftalmol]** 1984 Jul-Sep;28(3):187-92 (Eng. Abstr.) **(Rum)**

ANALYSIS

Identification of meibomian gland lipids by gas chromatography-mass spectrometry: application to the meibomian lipids of the mouse. Harvey DJ, et al. **J Chromatogr** 1984 Sep 28;301(1):173-87

The di- and triesters of the lipids of steer and human meibomian glands. Nicolaides N, et al. **Lipids** 1985 Jul; 20(7):454-67

ANATOMY & HISTOLOGY

Surgical anatomy of the upper eyelid fascia. Siegel R. **Ann Plast Surg** 1984 Oct;13(4):263-73

Palpebral fissure length in black and Hispanic children: correlation with head circumference. Iosub S, et al. **Pediatrics** 1985 Feb;75(2):318-20

BLOOD SUPPLY

Extra orbital venous varicosity: case report. Baskara Rajan G, et al. **Indian J Ophthalmol** 1984 May-Jun;32(3):177-8

[Arterial vascularization of the levator muscle of the upper eyelid] Ducasse A, et al. **Bull Soc Ophtalmol Fr** 1984 Mar; 84(3):329-32 (Eng. Abstr.) **(Fre)**

[Varicosis of the angular vein--a rare differential diagnosis] Rochels R. **Klin Monatsbl Augenheilkd** 1984 Jun; 184(6):558-9 (Eng. Abstr.) **(Ger)**

DRUG EFFECTS

Human transforming growth factor-alpha causes precocious eyelid opening in newborn mice. Smith JM, et al. **Nature** 1985 Jun 6-12;315(6019):515-6

EMBRYOLOGY

Anatomy and embryology of the eyelids: a review with special reference to the development of divided nevi. Hamming N. **Pediatr Dermatol** 1983 Jul;1(1):51-8 (43 ref.)

ENZYMOLOGY

Fatty acid chain elongation by microsomal enzymes from the bovine meibomian gland. Anderson GJ, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):177-85

IMMUNOLOGY

Microbial and immunological investigations of chronic non-ulcerative blepharitis and meibomianitis. Seal DV, et al. **Br J Ophthalmol** 1985 Aug;69(8):604-11

INJURIES

Lateral lid lysis for medial lid and medial canthus lacerations. Hecht SD, et al. **Ann Ophthalmol** 1985 Feb;17(2):164-6

Pseudallescheria boydii (Petriellidium boydii) infection of the orbit. Nunery WR, et al. **Ophthalmic Surg** 1985 May; 16(5):296-300

Dapsone in the treatment of presumed brown recluse spider bite of the eyelid. Wesley RE, et al. **Ophthalmic Surg** 1985 Feb;16(2):116-7, 120

Salvage of seeing eyes after avulsion of upper and lower lids. Achauer BM, et al. **Plast Reconstr Surg** 1985 Jan; 75(1):11-6

[Perforating eyelid injury with laceration of the left frontal lobe pole] Latussek F, et al. **Fortschr Ophthalmol** 1985; 82(2):212-3 (Eng. Abstr.) **(Ger)**

[Post-traumatic upper eyelid retraction] Hatt M. **Klin Monatsbl Augenheilkd** 1985 Mar;186(3):217-9 (Eng. Abstr.) **(Ger)**

[Features of the correction of bilateral cicatricial deformity of the eyelids after deep facial burns] Khitrov FM, et al. **Oftalmol Zh** 1984;(6):381-3 **(Rus)**

[Surgical treatment of bilateral cicatricial ectropion caused by burns] Legeza GV, et al. **Oftalmol Zh** 1985;(2):108-10 (Eng. Abstr.) **(Rus)**

INNERVATION

[Differential diagnosis of isolated ptosis. Early myasthenia or denervation of the superior tarsal muscle?] Conrad B, et al. **Nervenarzt** 1984 Aug;55(8):432-5 **(Ger)**

METABOLISM

Biosynthesis of lipids by bovine meibomian glands. Kolattukudy PE, et al. **Lipids** 1985 Jul;20(7):468-74

PATHOLOGY

Pyoderma gangrenosum involving the eyelid. Browning DJ, et al. **Arch Ophthalmol** 1985 Apr;103(4):551-2

A contribution to the histological and topographical anatomy of the aponeurosis of the levator palpebrae superioris and of the tarsal muscle in the normal lid and in blepharoptosis. Landolt E. **Int Ophthalmol** 1985 Mar;7(3-4):249-53

[Clinico-morphological parallels in various types of congenital blepharoptosis in children] Vasil'eva SF, et al. **Oftalmol Zh** 1985;(1):39-42 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Changes in lower eyelid resting position, movement, and tone with age. Shore JW. **Am J Ophthalmol** 1985 Apr 15; 99(4):415-23

Effect of pregestational sialoadenectomy of nursing mothers on eyelid opening of pups. Okamoto S, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):R285-9

Correlation between eyelid microvibration and the electroencephalogram at various sleep stages in man. Usui T, et al. **Ann Physiol Anthropol** 1984 Jan;3(1):75-7

Absence status appearing on eye-closure. Aguglia U, et al. **Clin Electroencephalogr** 1985 Apr;16(2):111-8

Antoni van Leeuwenhoek's explanation in 1704 of the function of eyelids. Bardell D. **J Hist Med Allied Sci** 1984 Oct;39(4):464-7

Human eye movements associated with blinks and prolonged eyelid closure. Collewijn H, et al. **J Neurophysiol** 1985 Jul; 54(1):11-27

Blinking and associated eye movements in humans, guinea pigs, and rabbits. Evinger C, et al. **J Neurophysiol** 1984 Aug;52(2):323-39

[Recording of lid movement. A new trial for infra-red video camera (report 1)] Niida T, et al. **Nippon Ganka Gakkai Zasshi** 1985 Mar;89(3):465-9 (Eng. Abstr.) **(Jpn)**

[Basic studies on the photically evoked lid potential changes in rabbit, with special reference to orbicularis oculi reflex] Hoshina Y. **No To Shinkei** 1984 Dec;36(12):1181-8 (Eng. Abstr.) **(Jpn)**

[Role of the eyelids and tear film during the adaptation of the eye to contact lenses] Habela M. **Klin Oczna** 1984 Jul; 86(7):321-2 (Eng. Abstr.) **(Pol)**

PHYSIOPATHOLOGY

A new lid sign in seventh nerve palsy. Arrigg P, et al. **Ann Ophthalmol** 1985 Jan;17(1):43-5

Fasciculation of the eyelids: an additional clue to clinical diagnosis in spinal muscular atrophy. Skouteli H, et al. **Neuropediatrics** 1984 Aug;15(3):145-6

SECRETION

The role of meibomian secretion in the tears. Tiffany JM. **Trans Ophthalmol Soc UK** 1985;104 (Pt 4):396-401 (20 ref.)

SURGERY

Blepharoplasty in treatment of other than firearm-caused defects of eyelids. Zajkova MV, et al. **Acta Chir Plast (Prague)** 1984;26(4):228-37

Internal vertical shortening for the correction of diffuse or segmental postoperative blepharoptosis. Gladstone GJ, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):429-36

Surgical correction of punctal malposition. Tse DT. **Am J Ophthalmol** 1985 Aug 15;100(2):339-41

The Angres Permalid-Liner method to enhance the result of cosmetic blepharoplasty. Angres GG. **Ann Ophthalmol** 1985 Mar;17(3):176-7

Müller's superior tarsal muscle: anatomy, physiology, and clinical significance. Beard C. **Ann Plast Surg** 1985 Apr; 14(4):324-33

Electrosurgical blepharoplasty: a technique that questions conventional concepts of fat compartmentalization. Tobin HA. **Ann Plast Surg** 1985 Jan;14(1):59-63

Subtotal reconstruction of the upper eyelid. A one-stage procedure eliminating temporary lid closure. Boynton JR. **Arch Ophthalmol** 1985 Feb;103(2):288-9

Margin limbal distance to determine amount of levator resection. Sarver BL, et al. **Arch Ophthalmol** 1985 Mar; 103(3):354-6

The use of a periosteal strip for eyelid reconstruction. Weinstein GS, et al. **Arch Ophthalmol** 1985 Mar; 103(3):357-9

Use of temporalis fascia in eyelid reconstruction. Holt JE, et al. **Arch Otolaryngol** 1985 Mar;111(3):165-7

Westernization of the Asian eyelid. Matsunaga RS. **Arch Otolaryngol** 1985 Mar;111(3):149-53

Ophthalmic plastic and reconstructive surgery. Victor WH. **Ariz Med** 1985 Feb;42(2):82-7

Cicatricial ectropion following blepharoplasty: treatment by tissue expansion. Victor WH, et al. **Can J Ophthalmol** 1984 Dec;19(7):317-9

Reconstruction of the eyelids following resection for carcinoma. Putterman AM. **Clin Plast Surg** 1985 Jul; 12(3):393-410

The far-near/near-far suture. Bernstein G. **J Dermatol Surg Oncol** 1985 May;11(5):470

Eyelid surgery (Part II). Camacho-Martinez F. **J Dermatol Surg Oncol** 1985 Apr;11(4):382-4

International dermatosurgery: eyelid surgery (Part I). Camacho-Martinez F. **J Dermatol Surg Oncol** 1985 Mar; 11(3):251-8

The lower eyelid curved V-T plasty. Field LM.

J Dermatol Surg Oncol 1985 Apr;11(4):378-81

Super-maximum levator resection for severe unilateral congenital blepharoptosis. Epstein GA, et al. **Ophthalmic Surg** 1984 Dec;15(12):971-9

Lamellar tarsoplasty--a new technique for correction of horizontal tarsal kink. McCarthy RW. **Ophthalmic Surg** 1984 Oct;15(10):859-60

Carbon dioxide laser blepharoplasty [letter] Gregory RO. **Ophthalmology** 1985 Apr;92(4):52A

Cleansing eyelids after blepharoplasty [letter] Christ JE. **Plast Reconstr Surg** 1985 Aug;76(2):328

The use of disposable cautery in blepharoplasty [letter] Kaye BL. **Plast Reconstr Surg** 1985 Mar;75(3):444-5

Lateral canthoplasty to change the eye slant. Ortiz-Monasterio F, et al. **Plast Reconstr Surg** 1985 Jan; 75(1):1-10

Palatal grafts for eyelid reconstruction. Siegel RJ. **Plast Reconstr Surg** 1985 Sep;76(3):411-4

Protecting the eye with the scleral lens during surgery [letter] Wesley RE, et al. **Plast Reconstr Surg** 1985 Aug;76(2):329

Selective alteration of palpebral fissure form by lateral canthopexy. Whitaker LA. **Plast Reconstr Surg** 1984 Nov; 74(5):611-9

[Plastic repair of the eyelid margin by free transfer of a transplant from the opposite eyelid] Beran V. **Cesk Oftalmol** 1984 Sep;40(5):321-6 (Eng. Abstr.) **(Cze)**

[Lateral lifting of the eyebrow associated with blepharoplasty] Clarendon CC. **Ann Chir Plast Esthet** 1984; 29(3):262-4 (Eng. Abstr.) **(Fre)**

[Importance of the fold in surgery of the upper eyelid] Trepsat F. **Bull Mem Soc Fr Ophtalmol** 1985;96:126-8 **(Fre)**

[Plastic surgery using frontal flaps after the surgical excision of epitheliomas of the eyelids] Arnaud B, et al. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1217-9 **(Fre)**

[A case of total reconstruction of the lower eyelid after tumor excision] Bollee L, et al. **Bull Soc Ophtalmol Fr** 1984 Jan; 84(1):61-3 (Eng. Abstr.) **(Fre)**

[Orbitopalpebral neurofibromatosis: orbital enlargement by an intracranial approach and palpebral correction] Marchac D, et al. **J Fr Ophtalmol** 1984;7(6-7):469-78 (Eng. Abstr.) **(Fre)**

[Dehiscence and disinsertion of the aponeurotic bundle of the upper eyelid levator in acquired ptosis] Morax S. **J Fr Ophtalmol** 1984;7(11):727-36 (Eng. Abstr.) **(Fre)**

[Iatrogenic teflon granuloma of the eyelid. (Teflon paste, an unsuitable filling material for plastic eyelid surgery)] Daicker B, et al. **Klin Monatsbl Augenheilkd** 1985 Feb; 186(2):121-3 (Eng. Abstr.) **(Ger)**

ULTRASTRUCTURE

Peroxisomes in sebaceous glands. IV. Aggregates of tubular peroxisomes in the mouse Meibomian gland. Gorgas K, et al. **Histochem J** 1984 Oct;16(10):1079-98

EYESTRAIN see **ASTHENOPIA**

F1 ATPASE see **H(+)-TRANSPORTING ATPASE**

F1F0 ATPASE COMPLEX see **H(+)-TRANSPORTING ATPASE**

F FACTOR

P1 plasmid maintenance: a paradigm of precise control. Chattoraj DK, et al. **Basic Life Sci** 1985;30:355-81

Mechanisms essential for stable inheritance of mini-F plasmid. Hiraga S, et al. **Basic Life Sci** 1985;30:469-87

Conjugative sex plasmids of Streptomyces. Hopwood DA, et al. **Basic Life Sci** 1985;30:615-34

Promoters in the transfer region of plasmid F. Mullineaux P, et al. **Basic Life Sci** 1985;30:605-14

Expression of srnB gene of F plasmid by altered RNA polymerase in Escherichia coli. Ito R, et al. **Biochim Biophys Acta** 1985 May 24;825(1):1-11

Evidence for involvement of pyrH+ of an Escherichia coli K-12 F-prime factor in inhibiting construction of hybrid merodiploids with Salmonella typhimurium. Kelln RA. **Can J Microbiol** 1984 Aug;30(8):991-6

Site-specific recombination in the oriV1 region of the F factor. O'Connor MB, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:421-34

F plasmid pif region: Tn1725 mutagenesis and polypeptide analysis. Cram HK, et al. **Gene** 1984 Dec;32(1-2):251-4

Transferable amikacin resistance in pseudomonas maltophilia and acinetobacter calcoaceticus [letter] Krčméry V, et al. **Infection** 1985 Mar-Apr;13(2):89-90

Mini-F protein that binds to a unique region for partition of mini-F plasmid DNA. Hayakawa Y, et al. **J Bacteriol** 1985 Jul;163(1):349-54

Effects of the ccd function of the F plasmid on bacterial growth. Jaffé A, et al. **J Bacteriol** 1985 Sep;163(3):841-9

F factor inhibition of conjugal transfer of broad-host-range plasmid RP4: requirement for the protein product of pif operon regulatory gene pifC. Miller JF, et al. **J Bacteriol** 1985 Sep;163(3):1067-73

Regulation of the F-factor pif operon: pifO, a site required in cis for autoregulation, titrates the pifC product in trans. Miller JF, et al. **J Bacteriol** 1984 Oct;160(1):192-8

DNA transfer occurs during a cell surface contact stage of F sex factor-mediated bacterial conjugation. Panicker MM, et al. **J Bacteriol** 1985 May;162(2):584-90

Control of F plasmid replication by a host gene: evidence for interaction of the mafA gene product of Escherichia coli with the mini-F incC region. Wada C, et al. **J Bacteriol** 1984 Dec;160(3):1130-6

Indirect SOS induction is promoted by ultraviolet light-damaged miniF and requires the miniF lynA locus. Bailone A, et al. **J Mol Biol** 1984 Nov 5;179(3):367-90

The mini-F primary origin. Sequence analysis and multiple activities. Lane D, et al. **J Mol Biol** 1984 Dec 5; 180(2):267-82

Molecular analysis of F plasmid pif region specifying abortive infection of T7 phage. Cram D, et al. **MGG** 1984; 197(1):137-42

High frequency FP2 donor of Pseudomonas aeruginosa PAO. Herrmann H, et al. **MGG** 1984;197(2):286-91

Cloning and analysis of pif, replication and leading regions of the F plasmid. Jackson R, et al. **MGG** 1984;197(1):129-36

Overproduction, purification and characterization of the F traT protein. Minkley EG Jr, et al. **MGG** 1984; 196(2):225-35

Prophage lambda induction caused by mini-F plasmid genes. Mori H, et al. **MGG** 1984;196(2):185-93

Identification of the minimal essential region for the replication origin of miniF plasmid. Murotsu T, et al. **MGG** 1984;196(2):373-8

SOS induction by thermosensitive replication mutants of miniF plasmid. Sommer S, et al. **MGG** 1985;198(3):456-64

Identification of a gene, tir of R100, functionally homologous to the F3 gene of F in the inhibition of RP4 transfer. Tanimoto K, et al. **MGG** 1985;198(2):356-7

Additional genes essential for replication of the mini-F plasmid from origin I. Tanimoto K, et al. **MGG** 1985; 198(2):358-9

Location of rep and inc sequences in the F secondary replicon. Gardner R, et al. **Plasmid** 1985 Mar;13(2):145-8

Mutations affecting replication and copy number control in plasmid mini-F both reside in the gene for the 29-kDa protein. Helsberg M, et al. **Plasmid** 1985 Jul;14(1):53-63

A review of mini-F plasmid maintenance. Kline BC. **Plasmid** 1985 Jul;14(1):1-16 (81 ref.)

A mutational hot spot in the incompatibility gene incC of mini-F plasmid. Seelke RW, et al. **Plasmid** 1984 Jul; 12(1):37-40

A two-stage molecular model for control of mini-F replication. Trawick JD, et al. **Plasmid** 1985 Jan;13(1):59-69

A physical and genetic map of the IncFI plasmid ColV2-K94. Weber PC, et al. **Plasmid** 1985 May; 13(3):215-8

[Mechanisms of stable inheritance of plasmid in bacteria] Hiraga S. **Tanpakushitsu Kakusan Koso** 1984 Jun; 29(6):430-43 (33 ref.) **(Jpn)**

[Systems regulating the tra genes of derepressed F-like plasmids] Shchipkov VP, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):226-7 (Eng. Abstr.) **(Rus)**

[Effect of F-prime, Col factor and R factor on the mutation phenotype in the Escherichia coli K12 strain] Kalaycioğlu A. **Mikrobiyol Bul** 1985 Jul;19(3):127-32 (Eng. Abstr.) **(Tur)**

DRUG EFFECTS

[Restriction map of the genetic transfer factor pAP42] Perera R, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):61-3 (Eng. Abstr.) **(Rus)**

F-MET-LEU-PHE see **N-FORMYLMETHIONINE LEUCYL-PHENYLALANINE**

FABRY'S DISEASE see **ANGIOKERATOMA CORPORIS DIFFUSUM**

FACE

Face pain and diplopia in a patient with breast cancer. Kay MC. **Am J Ophthalmol** 1985 Aug 15;100(2):344-5

Facial edema and eosinophilia. Evidence for eosinophil degranulation. Songsiridej V, et al. **Ann Intern Med** 1985 Oct;103(4):503-6

Refinements in the treatment of the superficial musculoaponeurotic system: the retroauricular flap and the zygomatic rolled flap. Robles JM, et al. **Ann Plast Surg** 1985 Apr;14(4):302-9

Solid facial edema as a complication of acne vulgaris. Connelly MG, et al. **Arch Dermatol** 1985 Jan;121(1):87-90

Atypical facial pain and orbital cancer. Ruff T, et al. **Arch Otolaryngol** 1985 May;111(5):338-9

Potter's syndrome associated with renal agenesis or dysplasia. Morphological and biochemical study of the lung. Nakamura Y, et al. **Arch Pathol Lab Med** 1985 May; 109(5):441-4

'Medical or physical management of facial muscle and joint pain' [letter] Harris M, et al. **Br Dent J** 1985 Jul 6;159(1):6

Facial infection arising from dens evaginatus. Loh HS, et al. **Br Dent J** 1985 May 25;158(10):367-8

Development of face recognition: an encoding switch? Flin RH. **Br J Psychol** 1985 Feb;76 (Pt 1):123-34

Body-image consciousness and self-reference effects in face recognition. Mueller JH, et al. **Br J Soc Psychol** 1984 Sep; 23 (Pt 3):277-9

Epileptic facial metamorphopsia. Nass R, et al. **Brain Dev** 1985;7(1):50-2

The diagnosis and management of psychogenic facial pain disorders. Feinmann C, et al. **Clin Otolaryngol** 1984 Aug; 9(4):199-201

Headache of nasal spur origin: an easily diagnosed and surgically correctable cause of facial pain. Gerbe RW, et al. **Headache** 1984 Nov;24(6):329-30

A developmental study of face recognition in children and adolescents. Grüsser OJ, et al. **Hum Neurobiol** 1985; 4(1):33-9

Face recognition within the reach of neurobiology and beyond it. Grüsser OJ. **Hum Neurobiol** 1984;3(4):183-90

Hidden-face recognition: comparing foveal and extrafoveal performance. Hübner M, et al. **Hum Neurobiol** 1985; 4(1):1-7

The historical roots and recurring issues of neurobiological studies of face perception. Jeeves MA. **Hum Neurobiol** 1984;3(4):191-6

Hemispheric asymmetry in face perception tasks of different cognitive requirement. Marzi CA, et al. **Hum Neurobiol** 1985;4(1):15-20

Neurones responsive to faces in the temporal cortex: studies of functional organization, sensitivity to identity and relation to perception. Perrett DI, et al. **Hum Neurobiol** 1984;3(4):197-208

Neurons in the cortex of the temporal lobe and in the amygdala of the monkey with responses selective for faces. Rolls ET. **Hum Neurobiol** 1984;3(4):209-22

Pattern of deformities/disabilities in urban leprosy. Sehgal VN, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):183-92

Substances for soft tissue augmentation: collagen and silicone. Klein AW, et al. **J Dermatol Surg Oncol** 1985 Mar; 11(3):337-9

Diagnosis of temporomandibular joint pain in patients seen at a pain clinic. Goss AN, et al. **J Oral Maxillofac Surg** 1985 Feb;43(2):110-4

Facial pain complaints in the elderly. Marciani RD, et al. **J Oral Maxillofac Surg** 1985 Mar;43(3):173-6

The facial plethysmograph: a new instrument to measure facial swelling volumetrically. Milles M, et al. **J Oral Maxillofac Surg** 1985 May;43(5):346-52

Development of a keratocyst in the facial soft tissues. van der Wal KG. **J Oral Maxillofac Surg** 1985 Aug;43(8):614-6

Technique to record the location of the kinematic hinge axis without tattooing. Gordon SR. **J Prosthet Dent** 1985 Jan; 53(1):142

Factors related to the acceptance of facial prostheses. Roefs AJ, et al. **J Prosthet Dent** 1984 Dec;52(6):849-52

Skin response to cobalt 60 irradiation and the consequences for matching the color of facial prostheses. van Oort RP, et al. **J Prosthet Dent** 1984 Nov;52(5):704-10

Differences in face touching by Japanese and British people. Hatta T, et al. **Neuropsychologia** 1984;22(4):531-4

Right cerebral hemisphere superiority for constructing facial representations. Young AW, et al. **Neuropsychologia** 1985; 23(2):195-202

Intraventricular morphine in paraneoplastic painful syndrome of the cervicofacial region: experience in thirty-eight cases. Lenzi A, et al. **Neurosurgery** 1985 Jul;17(1):6-11

Orofacial aspergillosis in acute leukemia. Dreizen S, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):499-504

Psychometric profiles and facial pain. Eversole LR, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):269-74

An interesting case of adult facial gangrene (from Papua, New Guinea). Malden N. **Oral Surg Oral Med Oral Pathol** 1985 Mar;59(3):279-81

Atypical facial pain: a retrospective study. Mock D, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):472-4

Afferent stimulation induced pain relief in acute oro-facial pain and its failure to induce sufficient pain reduction in dental and oral surgery. Hansson P, et al. **Pain** 1984 Nov; 20(3):273-8

Effect of depth of processing on recognition memory for normal and inverted photographs of faces. McKelvie SJ. **Percept Mot Skills** 1985 Apr;60(2):503-8

The effect of feature displacement on face recognition. Haig ND. **Perception** 1984;13(5):505-12

Burned-out endemic syphilis (Bejel): facial deformities and defects in Saudi Arabia. Erdelyi RL, et al. **Plast Reconstr Surg** 1984 Nov;74(5):589-602

Electrodermal discrimination of familiar and unfamiliar faces: a methodology. Tranel D, et al. **Psychophysiology** 1985 Jul; 22(4):403-8

Knowledge without awareness: an autonomic index of facial recognition by prosopagnosics. Tranel D, et al. **Science** 1985 Jun 21;228(4706):1453-4

[Facial cellulitis in children] Kokkala R, et al. **Duodecim** 1985; 101(14):1365-9 (Eng. Abstr.) **(Fin)**

[The brazen-masked man. Argyria as a solution to autodysosmophobia] Cremniter D, et al. **Ann Med Psychol (Paris)** 1984 Nov;142(9):1223-31 **(Fre)**

[Value of stereotaxic mesencephalic tractotomy in neoplastic cervicofacial pain] Cohadon F, et al. **Rev Laryngol Otol Rhinol (Bord)** 1985;106(1):9-10 (Eng. Abstr.) **(Fre)**

[Stylohyoid syndrome. Apropos of a case] D'Erceville T, et al. **Rev Stomatol Chir Maxillofac** 1985;86(1):49-52 (Eng. Abstr.) **(Fre)**

[Gangrenous cellulitis of the face. Apropos of a case] Vesse M, et al. **Rev Stomatol Chir Maxillofac** 1984;85(4):287-90 (Eng. Abstr.) **(Fre)**

ABNORMALITIES

Developmental anomalies of the lower face and the hyoid cartilage due to partial elimination of the posterior mesencephalic and anterior rhombencephalic neural crest in chick embryos. Been W, et al. **Acta Morphol Neerl Scand** 1984 Dec;22(4):265-78

Hereditary recurrent brachial plexus neuropathy with dysmorphic features. Airaksinen EM, et al. **Acta Neurol Scand** 1985 Apr;71(4):309-16

The fetal valproate syndrome. DiLiberti JH, et al. **Am J Med Genet** 1984 Nov;19(3):473-81

Anomalies in an infant with Nager acrofacial dysostosis. Krauss CM, et al. **Am J Med Genet** 1985 Aug;21(4):761-4

Unusual type of brnchydactyly associated with short stature and facial anomalies. A new syndrome? Richieri–Costa A, et al. **Am J Med Genet** 1985 Aug;21(4):637-42

Ruvalcaba syndrome: autosomal dominant inheritance. Sugio Y, et al. **Am J Med Genet** 1984 Dec;19(4):741-53

Syndrome of camptodactyly, ankyloses, facial anomalies, and pulmonary hypoplasia (Pena–Shokeir syndrome): obstetric and ultrasound aspects. Shenker L, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):303-7

Congenital facial anomalies among 4- through 7-year–olds: psychological effects and surgical decisions. Fisk SB, et al. **Ann Plast Surg** 1985 Jan;14(1):37-42

Congenital migratory ichthyosiform dermatosis with neurologic and ophthalmologic abnormalities. Zunich J, et al. **Arch Dermatol** 1985 Sep;121(9):1149-56

Bilateral, asymmetrical, complete oroocular facial clefts and supernumerary teeth in a young Chinese female. O'Donnell D, et al. **ASDC J Dent Child** 1985 May–Jun;52(3):191-4

Truncus arteriosus and facial dysmorphism. Radford DJ. **Aust Paediatr J** 1985 May;21(2):131-3

Effectiveness of genetic counseling for families with craniofacial anomalies. Broder H, et al. **Cleft Palate J** 1985 Jul;22(3):157-62

The characteristic physiognomy and tissue specific karyotype distribution in the Pallister–Killian syndrome. Hunter AG, et al. **Clin Genet** 1985 Jul;28(1):47-53

The facio–audio–symphalangism syndrome: report of a case and review of the literature. Hurvitz SA, et al. **Clin Genet** 1985 Jul;28(1):61-8

A new syndrome with camptodactyly, joint contractures, facial anomalies, and skeletal defects: a case report and review of syndromes with camptodactyly. Rozin MM, et al. **Clin Genet** 1984 Oct;26(4):342-55

Velo–cardio–facial syndrome presenting as holoprosencephaly. Wraith JE, et al. **Clin Genet** 1985 Apr; 27(4):408-10

Double pituitary glands with partial duplication of facial and fore brain structures with hydrocephalus. Bagherian V, et al. **Comput Radiol** 1984 Jul–Aug;8(4):203-10

Caudal dysplasia and femoral hypoplasia–unusual facies syndrome: different manifestations of the same disorder? Riedel F, et al. **Eur J Pediatr** 1985 May;144(1):80-2

Visualization of the fetal face by ultrasound. de Elejalde MM, et al. **J Craniofac Genet Dev Biol** 1984;4(4):251-7

Teratogenic effects of dosage levels and time of administration of carbamazepine, sodium valproate, and diphenylhydantoin on craniofacial development in the CD–1 mouse fetus. Eluma FO, et al. **J Craniofac Genet Dev Biol** 1984;4(3):191-210

The 'FACES' syndrome: a new syndrome with unique facies, anorexia, cachexia, and eye and skin lesions. Friedman E, et al. **J Craniofac Genet Dev Biol** 1984;4(3):227-31

Male–to–male transmission of the velo–cardio–facial syndrome: a case report and review of 60 cases. Williams MA, et al. **J Craniofac Genet Dev Biol** 1985;5(2):175-80

Freeman–Sheldon (whistling face) syndrome in a Turner mosaic. Bajaj M, et al. **J Med Genet** 1984 Oct;21(5):398

The femoral hypoplasia–unusual facies syndrome. Burn J, et al. **J Med Genet** 1984 Oct;21(5):331-40

Fetal alcohol syndrome: an examination of craniofacial dysmorphology in Macaca nemestrina. Inouye RN, et al. **J Med Primatol** 1985;14(1):35-48

Clinical confusion of the Noonan syndrome with the Börjeson–Forssman–Lehmann syndrome. Preus M. **J Ment Defic Res** 1984 Sep;28 (Pt 3):235-8

Kabuki makeup syndrome (Niikawa–Kuroki syndrome) in Europe [letter] Braun OH, et al. **J Pediatr** 1984 Nov; 105(5):849-50

Craniofacial features of isotretinoin embryopathy. Fernhoff PM, et al. **J Pediatr** 1984 Oct;105(4):595-7

Obstetric significance of fetal craniofacial duplication. A case report. Chervenak FA, et al. **J Reprod Med** 1985 Jan; 30(1):74-6

Mechanisms of insulin resistance in cultured fibroblasts from a patient with leprechaunism: impaired post–binding actions of insulin and multiplication–stimulating activity. Craig JW, et al. **Metabolism** 1984 Dec;33(12):1084-96

Agenesis of the corpus callosum in ddN strain mouse associated with unusual facial appearance (flat–face). Ozaki HS, et al. **Neurosci Res** 1984 Feb;1(1):81-7

Birth certificate data: how reliable? Gregg JB, et al. **SD J Med** 1984 Nov;37(11):21-2

Acentric craniofacial cleft in a newborn female prenatally exposed to a high dose of diazepam. Rivas F, et al. **Teratology** 1984 Oct;30(2):179-80

Ectopia cordis thoracalis with craniofacial defects resulting from early amnion rupture. Van Allen MI, et al. **Teratology** 1985 Aug;32(1):19-24

The Smith–Lemli–Opitz syndrome. A detailed pathological study as a clue to a etiological heterogeneity. Cherstvoy ED, et al. **Virchows Arch [A]** 1984;404(4):413-25

[Monozygotic twins with Williams–Beuren or 'elfen–face' syndrome] Oorthuys JW. **Tijdschr Kindergeneeskd** 1984 Oct;52(5):197-200 (Eng. Abstr.) (Dut)

[Anomalies of the height of the face. Critical, diagnostic and therapeutic studies] Souyris F, et al. **Ann Chir Plast Esthet** 1985;30(2):141-6 (Eng. Abstr.) (Fre)

[Correction of long face with open bite] Vesse M, et al. **Ann Chir Plast Esthet** 1985;30(2):147-53 (Eng. Abstr.) (Fre)

[Congenital malformations due to accutane] Tremblay M, et al. **Can Med Assoc J** 1985 Aug 1;133(3):208 (Fre)

[Early functional orthodontic treatment of orofacial developmental disorders in children with Down's syndrome] Fischer–Brandies H, et al. **Monatsschr Kinderheilkd** 1984 Aug;132(8):620-1 (Eng. Abstr.) (Ger)

[A case of aortoplasty for supravalvular aortic stenosis associated with Williams syndrome] Nakagomi E, et al. **Kyobu Geka** 1984 Dec;37(13):1057-61 (Eng. Abstr.) (Jpn)

[Middle ear malformation with normal external meatus; correlation of ossicular anomalies with anomalies of the auricle, jaw and face] Kumakawa K, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Jan;88(1):30-6 (Eng. Abstr.) (Jpn)

[The long face syndrome] Virag M, et al. **Chir Maxillofac Plast** 1984;14(2-3):101-11 (Eng. Abstr.) (Scr)

[Femoral hypoplasia–unusual facies syndrome] Aledo AG, et al. **An Esp Pediatr** 1984 Dec;21(9):861-3 (Spa)

[Potter syndrome] Iglesias J, et al. **Rev Chil Obstet Ginecol** 1981;46(4):220-7 (Spa)

[Beuren–Williams syndrome and mitral prolapse] Luna G, et al. **Rev Clin Esp** 1985 Feb;176(3):149-51 (Spa)

ANATOMY & HISTOLOGY

Cephalometric and morphologic facial changes in adults with complete bilateral cleft lip and palate. Smahel Z. **Acta Chir Plast (Prague)** 1984;26(4):200-15

Computed tomography of the buccomasseteric region: 1. Anatomy. Braun IF, et al. **AJNR** 1984 Sep–Oct;5(5):605-10

Silhouette profiles in the assessment of facial esthetics: a comparison of cases treated with various orthodontic appliances. Barrer JG, et al. **Am J Orthod** 1985 May; 87(5):385-91

Longitudinal soft–tissue profile changes: a study of three analyses. Bishara SE, et al. **Am J Orthod** 1985 Sep; 88(3):209-23

Orthognathic surgery norms for American black patients. Connor AM, et al. **Am J Orthod** 1985 Feb;87(2):119-34

An analysis of the variation of the ANB angle: a statistical appraisal. Järvinen S. **Am J Orthod** 1985 Feb;87(2):144-6

Associations between anterior temporal, masseter, and orbicularis oris muscle activity and craniofacial morphology in children. Lowe AA, et al. **Am J Orthod** 1984 Oct;86(4):319-30

The influence of dentofacial appearance on the social attractiveness of young adults. Shaw WC, et al. **Am J Orthod** 1985 Jan;87(1):21-6

The plan of the human face: a test of three general concepts. Smith RJ, et al. **Am J Orthod** 1984 Feb;85(2):103-8

Bilateral congenital absence of maxillary lateral incisors: a craniofacial and dental cast analysis. Woodworth DA, et al. **Am J Orthod** 1985 Apr;87(4):280-93

Family resemblance for cranio–facial measurements in Velanti Brahmins from Andhra Pradesh, India. Poosha DV, et al. **Am J Phys Anthropol** 1984 Sep;65(1):15-22

The nasopharynx, face height, and overbite. Kerr WJ. **Angle Orthod** 1985 Jan;55(1):31-6

Dentoskeletal determinants of soft tissue morphology. Saxby PJ, et al. **Angle Orthod** 1985 Apr;55(2):147-54

Malocclusion and facial morphology is there a relationship? An epidemiologic study. Siriwat PP, et al. **Angle Orthod** 1985 Apr;55(2):127-38

Path analysis of family resemblance for cranio–facial traits in Andhra Pradesh nuclear families and twins. Byard PJ, et al. **Ann Hum Biol** 1985 Jul–Aug;12(4):305-14

The relationship of the great auricular nerve to the superficial musculoaponeurotic system. McKinney P, et al. **Ann Plast Surg** 1985 Apr;14(4):310-4

Four–dimensional facial change. Burke P. **Br J Orthod** 1984 Oct;11(4):170-84

Facial profile and orthognathic surgery. Hunt NP, et al. **Br J Orthod** 1984 Jul;11(3):126-36

Cephalometric findings in a normal Nigerian population sample and adult Nigerians with unrepaired clefts. Isiekwe MC, et al. **Cleft Palate J** 1984 Oct;21(4):323-8

Development of hemiface size asymmetry. Koff E, et al. **Cortex** 1985 Mar;21(1):153-6

Dento–facial morphology in patients with advanced attrition. Krogstad O, et al. **Eur J Orthod** 1985 Feb;7(1):57-62

Craniofacial morphology and head posture in children with asthma and perennial rhinitis. Wenzel A, et al. **Eur J Orthod** 1985 May;7(2):83-92

Orofacial system as a biocybernetical model. Schumacher GH, et al. **Folia Morphol** 1984;43(2):65-72

Soft–tissue profile changes concurrent with the orthodontic treatment. Attarzadeh F, et al. **Int J Orthod** 1984 Dec; 22(4):4-13

Adjusting craniofacial correlations for technical error. Buschang PH, et al. **J Dent Res** 1985 Jun;64(6):919-21

Three dimensional digitization of the face and skull. Arridge S, et al. **J Maxillofac Surg** 1985 Jun;13(3):136-43

A lateral photometric analysis for aesthetic–orthognathic treatment. Bütow KW. **J Maxillofac Surg** 1984 Oct; 12(5):201-7

Facial morphology and vibrissal movement in the golden hamster. Wineski LE. **J Morphol** 1985 Feb;183(2):199-217

Nuclear magnetic resonance imaging of facial structures. Halimi P, et al. **J Neuroradiol** 1984;11(4):274-84 (Eng, Fre)

Long–term observations of an increased occlusal face height obtained by a combined orthodontic/prosthetic approach. Dahl BL, et al. **J Oral Rehabil** 1985 Mar;12(2):173-6

Comparison of face shape with tooth form. Brodbelt RH, et al. **J Prosthet Dent** 1984 Oct;52(4):588-92

Vertical dimension record: a three dimensional phenomenon. Part II. Silverman SI. **J Prosthet Dent** 1985 Apr;53(4):573-7

Vertical and horizontal proportions of the face in young adult North American Caucasians: revision of neoclassical canons. Farkas LG, et al. **Plast Reconstr Surg** 1985 Mar; 75(3):328-38

Abnormal measurements and disproportions in the face of Down's syndrome patients: preliminary report of an anthropometric study. Farkas LG, et al. **Plast Reconstr Surg** 1985 Feb;75(2):159-69

The fetal face: ultrasound examination. Benacerraf BR, et al. **Radiology** 1984 Nov;153(2):495-7

[Survey of dental, dental arch and facial forms of 5 nationalities in the northwest district] Ai KH. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Jan;20(1):41-4 (Chi)

[Stability of the facial distance] Wang YY. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar;19(1):21-3 (Chi)

[Anatomical factors in dissemination of oral and maxillofacial infections] Zhang KQ. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar;19(1):32-4 (Chi)

[Changes in the facial profile after operations for anomalies of a prognathic character] Borovičková Z, et al. **Sb Lek** 1984 Dec;86(11-12):330-5 (Eng. Abstr.) (Cze)

[Cephalometric analysis of the soft tissues of the face] Pavlíková L, et al. **Sb Lek** 1984 Dec;86(11-12):336-41 (Eng. Abstr.) (Cze)

[The laterocraniofacial sector or craniomandibular field] Stricker M. **Ann Chir Plast Esthet** 1984;29(3):211-5 (Fre)

[Proposals for an anatomical nomenclature of the deep regions of the face. The lateropharyngeal space. Anatomical data] Guerrier Y. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(5):495-9 (Eng. Abstr.) (Fre)

[Elucidation of anthropological methods as an instrument for determining the typologically normal external anatomy of the European or Caucasoid facial system. III. The use of anthropometric methods] Muzj E. **Fortschr Kieferorthop** 1985 Apr;46(2):85-100 (Ger)

[Elucidative analysis of anthropological methods as an instrument for determining the typological by normal external anatomy of the European or Caucasian facial system. IV. and V.] Muzj E. **Fortschr Kieferorthop** 1985 Jun;46(3):165-80 (Eng. Abstr.) (Ger)

[The facial arch from 2 points of reference: anatomical and radiographic, via the anatomofunctional stomatognathic analyzer] Modica R, et al. **Minerva Stomatol** 1985 Jan–Feb; 34(1):27-30 (Eng. Abstr.) (Ita)

[Determination of the sex and shape of the face by examination of the mandible] Korovianskiĭ OP, et al. **Sud Med Ekspert** 1984 Jul–Sep;27(3):34-9 (Eng. Abstr.) (Rus)

[Facial anthropometry in the newborn infant] Aguirre–Camacho H, et al. **Bol Med Hosp Infant Mex** 1984 Nov;41(11):617-21 (Eng. Abstr.) (Spa)

BLOOD SUPPLY

Persistent primitive trigeminal artery, cavum septi pellucidi, and associated cerebral aneurysm in a patient with polycystic kidney disease: case report. Matsumura M, et al. **Neurosurgery** 1985 Mar;16(3):395-7

Experimental model for internal repair of arteriovenous fistulas. Orbay T, et al. **Surg Neurol** 1985 Oct;24(4):395-400

DRUG EFFECTS

Acquired craniofacial features associated with chronic phenytoin therapy. Johnson JP. **Clin Pediatr (Phila)** 1984 Dec;23(12):671-4

EMBRYOLOGY

Development of human craniofacial morphology during the late embryonic and early fetal periods. Diewert VM. **Am J Orthod** 1985 Jul;88(1):64-76

An implant labeling technique employing sable hair probes as carriers for 3H–thymidine: applications to the study of facial morphogenesis. Patterson SB, et al. **Anat Rec** 1984 Nov;210(3):525-36

The relationship between differences in regional growth rates and changes in shape during human fetal craniofacial growth. Trenouth MJ. **Arch Oral Biol** 1985;30(1):31-5

Craniofacial development: the possible mechanisms for some malformations. Vig KW, et al. **Br J Orthod** 1984 Jul; 11(3):114-8

Mapping of the early neural primordium in quail–chick

chimeras. I. Developmental relationships between placodes, facial ectoderm, and prosencephalon. Couly GF, et al. **Dev Biol** 1985 Aug;110(2):422–39
Embryology of the middle third of the face. Sandham A, et al. **Early Hum Dev** 1985 Jan;10(3–4):313–5

INNERVATION

Anatomical considerations of the autonomic nervous system. Baljet B, et al. **Acta Neurochir (Wien)** 1985;74(3–4):149–51
Facial sweating in Horner's syndrome. Morris JG, et al. **Brain** 1984 Sep;107 (Pt 3):751–8
Removal and reimplantation of the parietal cortex of the neonatal mouse: consequences for the barrelfield. Andrés FL, et al. **Brain Res** 1985 May;352(1):115–21
Effects of trigeminal tractotomy on facial thermal nociception in the rat. Broton JG, et al. **Brain Res** 1985 Apr 29;333(1):63–72
Evidence against a central stimulus for collateral reinnervation of oro-facial tissues in the cat. Robinson PP. **Brain Res** 1984 Nov 19;322(1):33–40
Morphology of central terminations of intra-axonally stained, large, myelinated primary afferent fibers from facial skin in the rat. Hayashi H. **J Comp Neurol** 1985 Jul 8; 237(2):195–215
Projections to the basilar pontine nuclei from face sensory and motor regions of the cerebral cortex in the rat. Mihailoff GA, et al. **J Comp Neurol** 1985 Jul 8; 237(2):251–63
Development of somatosensory responsiveness in the basal ganglia in awake cats. Schneider JS, et al. **J Neurophysiol** 1985 Jul;54(1):143–54
The effects of orofacial sensory input on spontaneously occurring and apomorphine-induced rhythmical jaw movements in the anesthetized guinea pig. Chandler SH, et al. **Neurosci Lett** 1985 Jan 7;53(1):45–9
An attempt to find vibrissa-related barrels in the primary somatosensory cortex of the cat. Rice FL. **Neurosci Lett** 1985 Jan 21;53(2):169–72
The neuronal basis for diplopia following local anesthetic injections. Kronman JH, et al. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):533–4
Observations on facial nociception in a monkey after destruction of the rostral part of the trigeminal sensory nuclear complex. Lisney SJ. **Pain** 1985 Feb;21(2):129–35
[Nerve damage following the operative correction of jaw abnormalities] Tuinzing DB, et al. **Ned Tijdschr Geneeskd** 1984 Aug 25;128(34):1608–10 **(Dut)**
[Postnatal development of barreloid neuropils in the ventrobasal complex of mouse thalamus: a histochemical study for cytochrome oxidase] Yamakado M. **No To Shinkei** 1985 May;37(5):497–506 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Facial sculpture on the skull for identification. Gatliff BP. **Am J Forensic Med Pathol** 1984 Dec;5(4):327–32
Photogrammetry used to assess post-operative facial swelling in a drug trial. Hay KD, et al. **Br J Oral Maxillofac Surg** 1985 Apr;23(2):103–11
Multifocal idiopathic fibrosis presenting as facial pain and trismus. Lewin IG, et al. **Br J Oral Maxillofac Surg** 1985 Apr;23(2):135–9
The face in otitis media [letter] Sharon BI. **Pediatrics** 1985 Jan;75(1):131
Oro-facial granulomatosis—a clinical and pathological analysis. Wiesenfeld D, et al. **Q J Med** 1985 Jan; 54(213):101–13
[Changes in the face in unilateral aplasia of the external ear] Smahel Z, et al. **Cesk Otolaryngol** 1985 Mar;34(2):83–91 (Eng. Abstr.) **(Cze)**
[The patient's face, a follow-up study of a leper] Schirren C. **Z Hautkr** 1984 Nov 15;59(22):1507–12 (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

Facial biomechanics: the standards of normal. Burres SA. **Laryngoscope** 1985 Jun;95(6):708–14
The aging face. Why changes occur, how to correct them. Larrabee WF Jr, et al. **Postgrad Med** 1984 Nov 15; 76(7):37–9, 42–6

PHYSIOPATHOLOGY

Operant treatment of orofacial dysfunction in neuromuscular disorders. Parker LH, et al. **J Appl Behav Anal** 1984 Winter; 17(4):413–27
Are the accessory facial movements of the stutterer learned behaviours? Kraaimaat F, et al. **Percept Mot Skills** 1985 Feb;60(1):11–7

RADIOGRAPHY

Computed tomography of the face and paranasal sinuses: Part I. Normal anatomy. Sataloff RT, et al. **Head Neck Surg** 1984 Dec;7(2):110–22
Diagnosis of acute maxillofacial infections: the role of computerized tomography. Murphy JB, et al. **Oral Surg Oral Med Oral Pathol** 1985 Aug;60(2):154–7
[Clinical value of cephalometric roentgenography of the soft tissues] Lin JX. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar;19(1):17–20 **(Chi)**
[Means of studying the lateral region of the face] Chassagne JF, et al. **Ann Chir Plast Esthet** 1984;29(3):216–22 (Eng. Abstr.) **(Fre)**

SURGERY

Oligosiloxans in reconstructive surgery of the face. Daurova TT, et al. **Acta Chir Plast** 1985;27(2):91–7
Prevention of postoperative facial edema with steroids after facial surgery. Habal MB. **Aesthetic Plast Surg** 1985; 9(2):69–71
Should face-lifts be performed before the age of 40? Lewis CM. **Aesthetic Plast Surg** 1985;9(1):47–9
Suprazygomatic SMAS in rhytidectomy. Morales P, et al. **Aesthetic Plast Surg** 1984;8(3):181–7
Correction of age- and disease-related contour deficiencies of the face. Nicolle FV. **Aesthetic Plast Surg** 1985; 9(2):159–62
Retroauricular secondary island flap. Kobus K. **Ann Plast Surg** 1985 Jan;14(1):24–32
Superficial musculoaponeurotic system amelioration of parotidectomy defects. Rappaport I, et al. **Ann Plast Surg** 1985 Apr;14(4):315–23
Refinements in the treatment of the superficial musculoaponeurotic system: the retroauricular flap and the zygomatic rolled flap. Robles JM, et al. **Ann Plast Surg** 1985 Apr;14(4):302–9
A computer-based method of filing photographs and procedures. Allan JH, et al. **Arch Otolaryngol** 1985 Mar; 111(3):178–81
Profile analysis in facial plastic surgery. Larrabee WF Jr, et al. **Arch Otolaryngol** 1985 Oct;111(10):682–7
Reconstruction of large nasal defects with a subcutaneous pedicle nasolabial flap. An underutilized technique. Levine PA. **Arch Otolaryngol** 1985 Sep;111(9):628–30
Aesthetic facial surgery in the otolaryngology training program. Thomas JR. **Arch Otolaryngol** 1985 Mar; 111(3):141
Lipodystrophy: a case report of partial lipodystrophy. Zafarulla MY. **Br J Oral Maxillofac Surg** 1985 Feb; 23(1):53–7
Partial thickness scalp grafts: clinical experience of their use in resurfacing facial defects. Finucan T, et al. **Br J Plast Surg** 1984 Oct;37(4):468–71
Symposium on head and neck surgery. **Clin Plast Surg** 1985 Jul;12(3):311–517
Recording of surgical specimens. Caver CV. **J Dermatol Surg Oncol** 1985 May;11(5):484–5
The corneal shield. Rabinovitz HS, et al. **J Dermatol Surg Oncol** 1985 Mar;11(3):207–8
The sternocleidomastoid muscle as a muscular or myocutaneous flap for oral and facial reconstruction. Marx RE, et al. **J Oral Maxillofac Surg** 1985 Mar;43(3):155–62
Recent advances in cosmetic facial surgery. Lomax W, et al. **J SC Med Assoc** 1984 Aug;80(8):405–7
High frequency needle dissection rhytidectomy. Kamer FM, et al. **Laryngoscope** 1985 Sep;95(9 Pt 1):1118–20
A rational approach to the neck in cervicofacial rhytidectomy—a guide to planning skin undermining, platysma surgery, and lipectomy. McCurdy JA Jr. **Laryngoscope** 1984 Oct;94(10):1383–4
Facial scar revision [letter] Marlowe FI. **Laryngoscope** 1984 Nov;94(11 Pt 1):1517
Temporalis pericranial muscle flap for reconstruction of the lateral face and head. Renner G, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1418–22
The versatile cartilage autograft in reconstruction of the nose and face. Tardy ME Jr, et al. **Laryngoscope** 1985 May; 95(5):523–33
Craniofacial surgery. Its evolution and application. Schafer ME. **Neurol Clin** 1985 May;3(2):331–57 (39 ref.)
Functional anatomical reconstruction in an oculofacial prosthesis. Eaton LD, et al. **Ophthalmology** 1984 Aug; 91(8):984–6
Facial defect augmentation with a dermal-fat graft. Kempf KK, et al. **Oral Surg Oral Med Oral Pathol** 1985 Apr; 59(4):340–3
Argon laser treatment of head and neck vascular lesions. Parkin JL, et al. **Otolaryngol Head Neck Surg** 1985 Apr; 93(2):211–6
Cigarette smoking in face lift patients [letter] **Plast Reconstr Surg** 1985 Mar;75(3):445–7
Cervicofacial rhytidoplasty in Ehlers-Danlos syndrome: hazards on healing. Guerrerosantos J, et al. **Plast Reconstr Surg** 1985 Jan;75(1):100–3
Parotid fascia and face lifting [letter] McKinney P. **Plast Reconstr Surg** 1985 Mar;75(3):439–40
An analysis of 12 years of craniomaxillofacial surgery in Toronto. Munro IR, et al. **Plast Reconstr Surg** 1985 Jul; 76(1):29–35
The extended trapezius musculocutaneous flap for cranio-orbital facial reconstruction. Rosen HM. **Plast Reconstr Surg** 1985 Mar;75(3):318–27
Cigarette smoking and skin flap survival in the face lift patient [letter] Solmer R. **Plast Reconstr Surg** 1985 Feb;75(2):282–3
[Application of xuejie in oral and maxillofacial surgery] Lu XX. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):626–7 **(Chi)**
[Use of computerized tomography in oral and maxillofacial surgery—report of 12 cases] Chen ZH. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Jun;19(2):107–8 **(Chi)**
[Skin transplantation of the eye, nose, forehead and cheek area] Fu MJ. **Chung Hua Yen Ko Tsa Chih** 1984 Nov; 20(6):377–8 **(Chi)**
[The use of a human fibrin glue system in maxillofacial surgery] Cesteleyn L, et al. **Acta Stomatol Belg** 1985 Mar; 82(1):7–25 **(Dut)**
[Surgical approach to the laterocraniofacial sector] Flot F, et al. **Ann Chir Plast Esthet** 1984;29(3):223–6 (Eng. Abstr.) **(Fre)**
[The pectoralis major musculocutaneous flap and Romberg's disease. Apropos of a case] Freidel M, et al. **Ann Chir Plast Esthet** 1984;29(3):282–5 (Eng. Abstr.) **(Fre)**
[Value of immediate prosthetic technics in hemiresections of the face] Rigaud A, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(6):451–4 (Eng. Abstr.) **(Fre)**
[Selected reconstructive technics in the surgery of cancers of the face] Lejour M, et al. **Bull Cancer (Paris)** 1985; 72(2):108–13 (Eng. Abstr.) **(Fre)**
[Free and pedicled flaps in face and neck surgery] Moermans JP. **Rev Med Brux** 1984 Sep;5(7):473–8 (Eng. Abstr.) **(Fre)**
[Information, errors and dangers in oro-maxillo-facial surgery. Detection and treatment] **Fortschr Kiefer Gesichtschir** 1985;30:1–196 **(Ger)**
[Prevention of complications in myocutaneous pectoralis flaps] Fritzemeier CU, et al. **Fortschr Kiefer Gesichtschir** 1985;30:164–6 **(Ger)**
[Morphologic studies on the problem of scar formation in the oro-maxillo-facial region] Hartmann N, et al. **Fortschr Kiefer Gesichtschir** 1985;30:78–9 **(Ger)**
[Legal decisions in iatrogenic damage in oro-maxillo-facial surgery] Horch HH. **Fortschr Kiefer Gesichtschir** 1985; 30:18–22 **(Ger)**
[Legal decisions in surgery-induced nerve lesions of the maxillofacial area] Machtens E, et al. **Fortschr Kiefer Gesichtschir** 1985;30:22–4 **(Ger)**
[Problems in free tissue transplantation with microsurgical revascularization] Reuther J, et al. **Fortschr Kiefer Gesichtschir** 1985;30:158–60 **(Ger)**
[Staged informing of the patient in oro-maxillo-facial surgery] Schwenzer N. **Fortschr Kiefer Gesichtschir** 1985; 30:11–5 **(Ger)**
[What is new in plastic surgery of the head and neck for the practicing otorhinolaryngologist?] Schwab W, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Jul;63(7):323–43 (Eng. Abstr.) **(Ger)**
[Rhytidoplasty and the connective-muscular layer] Horibe K, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jul–Aug; 39(4):168–72 (Eng. Abstr.) **(Por)**
[Complications of general anesthesia after surgery for injuries and diseases of the maxillo-facial area] Aleksandrov NM, et al. **Voen Med Zh** 1984 Nov;(11):26–8 **(Rus)**
[Facial scars and W-plasty] Bagatin M. **Chir Maxillofac Plast** 1984;14(2–3):69–74 (Eng. Abstr.) **(Scr)**

FACIAL ASYMMETRY

Hemifacial microsomia [letter] Sarnäs KV, et al. **Plast Reconstr Surg** 1985 Jun;75(6):928–9

COMPLICATIONS

Occurrence of neuroblastoma and asymmetric crying facies: case report and review of the literature. Lenarsky C, et al. **J Pediatr** 1985 Aug;107(2):268–70
Hemifacial hypertrophy affecting the maxillary dentition. Report of a case. Kogon SL, et al. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):549–53

CONGENITAL

Congenital hemifacial hyperplasia: an embryologic hypothesis and case report. Pollock RA, et al. **Cleft Palate J** 1985 Jul;22(3):173–84
[The first and second branchial arch syndrome] Kruk J. **Otolaryngol Pol** 1984;38(5):393–9 (Eng. Abstr.) **(Pol)**
[The first branchial arch syndrome] Kruk J. **Otolaryngol Pol** 1984;38(5):387–91 (Eng. Abstr.) **(Pol)**

ETIOLOGY

Progressive facial asymmetry as a result of early closure of the left coronal suture. Arvystas MG, et al. **Am J Orthod** 1985 Mar;87(3):240–6
A malignant lesion of the infratemporal fossa causing mandibular displacement. Case report. Heggie AA, et al. **Aust Dent J** 1984 Jun;29(3):145–9
Amniotic band related compression defects. Pou-Martínez A. **Bol Asoc Med PR** 1985 Mar;77(3):104–5
Coronoid process hyperplasia causing restricted opening and facial asymmetry. Tucker MR, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug;58(2):130–2

FAMILIAL & GENETIC

Discordance for skeletal and cardiac defect in monozygotic twins. Stoll C, et al. **Acta Genet Med Gemellol (Roma)** 1984; 33(3):501–4
Genetic correlations between sides and heritability of asymmetry for nonmetric traits in rhesus macaques on Cayo Santiago. McGrath JW, et al. **Am J Phys Anthropol** 1984 Aug;64(4):401–11
Genetic aspects of hemifacial microsomia [letter] Connor JM,

et al. **Hum Genet** 1984;68(4):349

PATHOLOGY

The use of morphanalysis in orthognathic surgery. Thomson ER. **Br J Plast Surg** 1985 Jan;38(1):75–83

PHYSIOPATHOLOGY

Spontaneous regeneration of a unilaterally absent mandibular condyle. Keizer S, et al. **J Oral Maxillofac Surg** 1985 Feb;43(2):130–2

PSYCHOLOGY

Morphologic asymmetries of the face: a review. Sackeim HA. **Brain Cogn** 1985 Jul;4(3):296–312

RADIONUCLIDE IMAGING

Radionuclide bone scanning in the diagnosis and management of condylar hyperplasia. Harris SA, et al. **Nucl Med Commun** 1984 Jun;5(6):373–80

SURGERY

Use of the orthognathic surgery simulating instrument in the presurgical evaluation of facial asymmetry. Ellis E 3d, et al. **J Oral Maxillofac Surg** 1984 Dec;42(12):805–11
An improved method for treatment of facial asymmetry secondary to jaw deformity. Hall HD. **J Oral Maxillofac Surg** 1984 Oct;42(10):673–9
Long-term follow-up of a mandibular costochondral graft. Figueroa AA, et al. **Oral Surg Oral Med Oral Pathol** 1984 Sep;58(3):257–68
[Modulability of the surgical intervention to correct maxillofacial dysmorphism in light of new interpretive concepts of profile esthetics] Gotte P, et al. **Minerva Stomatol** 1984 Jul–Aug;33(4):703–21 (Eng. Abstr.) **(Ita)**

THERAPY

Acquired unilateral condylar hyperplasia and facial asymmetry: report of case. Rubenstein LK, et al. **ASDC J Dent Child** 1985 Mar–Apr;52(2):114–20

FACIAL BONES

[Indications for nuclear magnetic resonance tomography in tumors of the facial skeleton and neck area] Mödder U, et al. **Digitale Bilddiagn** 1985 Jun;5(2):55–60 (Eng. Abstr.) **(Ger)**
[Computed tomographic diagnosis of facial bone tumors] Wehr M, et al. **Radiol Diagn (Berl)** 1985;26(3):339–47 (Eng. Abstr.) **(Ger)**
[Malignant lymphomas of the orbit, facial bones and the parapharyngeal space] Mödder U, et al. **Radiologe** 1985 May;25(5):213–6 (Eng. Abstr.) **(Ger)**

ABNORMALITIES

Cebocephaly: CT and sonographic findings. McCorkell SJ, et al. **AJNR** 1985 Jul–Aug;6(4):647–9
Quantification of dysmorphogenesis: pattern variability index, sigma z. Garn SM, et al. **AJR** 1985 Feb;144(2):365–9
Weaver-Smith syndrome. A case study with long-term follow-up. Amir N, et al. **Am J Dis Child** 1984 Dec;138(12):1113–7
Otopalatodigital syndrome. Takato T, et al. **Ann Plast Surg** 1985 Apr;14(4):371–4
Three dimensional image reconstruction of computed tomograms of the head and neck in the pediatric age group. Armstrong EA, et al. **Ann Radiol (Paris)** 1985;28(3–4):241–8 **(Eng, Fre)**
Congenital cranio-facial dysmorphosis associated with Ito's syndrome (incontinentia pigmenti achromians): a case report. Stricker M, et al. **Br J Plast Surg** 1984 Oct;37(4):472–6
Cephalometric radiography and computed tomography in infants undergoing craniofacial surgery. Lilja J, et al. **Childs Nerv Syst** 1985;1(2):100–4
A comparative cephalometric study of the cranial base in craniofacial anomalies: Part I: Tensor analysis. Grayson BH, et al. **Cleft Palate J** 1985 Apr;22(2):75–87
Variations in craniofacial morphology with severity of isolated cleft palate. Smahel Z. **Cleft Palate J** 1984 Jul;21(3):140–58
Craniofacial morphology in adults with bilateral complete cleft lip and palate. Smahel Z. **Cleft Palate J** 1984 Jul;21(3):159–69
Computerized imaging for soft tissue and osseous reconstruction in the head and neck. Marsh JL, et al. **Clin Plast Surg** 1985 Apr;12(2):279–91
The H-2 genetic complex, dexamethasone-induced cleft palate, and other craniofacial anomalies. Bonner JJ. **Curr Top Dev Biol** 1984;19:193–215 (35 ref.)
Indiana's craniofacial anomalies team. Special care at the James Whitcomb Riley Hospital for Children. Nelson CL, et al. **Indiana Med** 1984 Dec;77(12):940–6
Spontaneous craniofacial malformations and central nervous system defects in an aborted equine foetus. Bunton TE. **J Comp Pathol** 1985 Jan;95(1):131–5
A child with a recombinant of chromosome 8 inherited from her carrier mother. Barnes IC, et al. **J Med Genet** 1985 Feb;22(1):67–70
Monosomy 13q32.3——qter: report of two cases. Rivera H, et al. **J Med Genet** 1985 Apr;22(2):142–5
Further experience in the management of craniofacial dysmorphic states. Nagib MG, et al. **Minn Med** 1985 Jul;68(7):521–5
The otolaryngologist's role in the craniofacial anomalies team. Holt GR, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):406–9
Psychosocial adjustment and craniofacial malformations in childhood. Pertschuk MJ, et al. **Plast Reconstr Surg** 1985 Feb;75(2):177–84
Biostereometrics and computergraphics for patients with craniofacial malformations: diagnosis and treatment planning. Sen Savara B, et al. **Plast Reconstr Surg** 1985 Apr;75(4):495–501
[New possibilities of the surgical treatment of craniofacial malformations] Kozák J, et al. **Cesk Pediatr** 1984 Aug;39(8):468–71 (Eng. Abstr.) **(Cze)**
[Prenatal diagnosis of camptomelic dysplasia] Redon JY, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(4):437–41 (Eng. Abstr.) **(Fre)**
[Temporomandibular dysfunction syndrome in facial dysmorphism. Surgical indications] Souyris F, et al. **Rev Stomatol Chir Maxillofac** 1985;86(1):19–21 (Eng. Abstr.) **(Fre)**
[Unwanted results in craniofacial surgery] Mühling J, et al. **Fortschr Kiefer Gesichtschir** 1985;30:148–50 **(Ger)**
[Oculo-mandibulo-facial syndrome] Stolovitch H, et al. **Harefuah** 1984 Dec 2;107(11):330–2 (Eng. Abstr.) **(Heb)**
[Review of the literature on craniotubular dysplasias] Grulliero A, et al. **Minerva Stomatol** 1985 May–Jun;34(3):475-9 (16 ref.) (Eng. Abstr.) **(Ita)**
[Femoral hypoplasia-unusual facies syndrome] Aledo AG, et al. **An Esp Pediatr** 1984 Dec;21(9):861–3 **(Spa)**

ANATOMY & HISTOLOGY

Associations between anterior temporal, masseter, and orbicularis oris muscle activity and craniofacial morphology in children. Lowe AA, et al. **Am J Orthod** 1984 Oct;86(4):319–30
Skeletal and dental changes following functional regulator therapy on class II patients. McNamara JA Jr, et al. **Am J Orthod** 1985 Aug;88(2):91–110
Canonical correlations between masticatory muscle orientation and dentoskeletal morphology in children. Takada K, et al. **Am J Orthod** 1984 Oct;86(4):331–41
Morphologic response to changes in neuromuscular patterns experimentally induced by altered modes of respiration. Vargervik K, et al. **Am J Orthod** 1984 Feb;85(2):115–24
Long-term effects of premaxillary setback on facial skeletal profile in complete bilateral cleft lip and palate. Friede H, et al. **Cleft Palate J** 1985 Apr;22(2):97–105
Craniofacial morphology and head posture in children with asthma and perennial rhinitis. Wenzel A, et al. **Eur J Orthod** 1985 May;7(2):83–92
Orofacial system as a biocybernetical model. Schumacher GH, et al. **Folia Morphol** 1984;43(2):65–72
Inclinations of the facial profile: art versus reality. Farkas LG, et al. **Plast Reconstr Surg** 1985 Apr;75(4):509–19
[Interpretive analysis of anthropological methods as a tool in the determination of the typology of normal external anatomy of the Europeoid or Caucasian face. I and II] Muzj E. **Fortschr Kieferorthop** 1985 Jan;46(1):1–19 **(Ger)**
[Nuclear spin tomographic study of the facial skeleton. I. Nuclear spin and computed tomographic anatomy] Grodd W, et al. **ROFO** 1984 Nov;141(5):517–24 (Eng. Abstr.) **(Ger)**

EMBRYOLOGY

Craniofacial mesenchyme in morphogenesis and malformation. Symposium, Seattle, Washington, June 19, 1983. **Birth Defects** 1984;20(3):1–144
Changes in the jaw relationships during human foetal cranio-facial growth. Trenouth MJ. **Br J Orthod** 1985 Jan;12(1):33–9

GROWTH & DEVELOPMENT

Postnatal somatometry of the rat facial skeleton. Park AW, et al. **Acta Morphol Neerl Scand** 1985 Mar;23(1):1–33
Finite element method modeling of craniofacial growth. Moss ML, et al. **Am J Orthod** 1985 Jun;87(6):453–72
A comparison of craniofacial growth between two colonies of marmosets (Callithrix jacchus). Townsend GC, et al. **J Med Primatol** 1983;12(4):201–8
[Role of the mandibular condyle in facial growth] Kantomaa T. **Proc Finn Dent Soc** 1985;81(2):111–2 (Eng. Abstr.) **(Fin)**

INJURIES

Three dimensional image reconstruction of computed tomograms of the head and neck in the pediatric age group. Armstrong EA, et al. **Ann Radiol (Paris)** 1985;28(3–4):241–8 **(Eng, Fre)**
Calvarial grafts for midface rehabilitation. Cinberg JZ, et al. **Arch Otolaryngol** 1985 Jul;111(7):434–6
The versatility of modern therapy in mid-facial trauma. Bütow KW, et al. **Br J Oral Maxillofac Surg** 1984 Dec;22(6):448–54
Arteriography and selective embolisation in the control of life-threatening haemorrhage following facial fractures. Mehrotra ON, et al. **Br J Plast Surg** 1984 Oct;37(4):482–5
Fractures of the facial skeleton in Reykjavik, Iceland, 1970–1979. (I) Mandibular fracture in 238 hospitalized patients, 1970–79. Olafsson SH. **Int J Oral Surg** 1984 Dec;13(6):495–505
Computed tomography in facial bone fractures: Le Fort classification. Tirman RM, et al. **J Arkansas Med Soc** 1984 Oct;81(5):278–83
Gross facial bone destruction following trigeminal rhizotomy. Hurst G. **J Laryngol Otol** 1984 Nov;98(11):1157–9
Facial fractures--the results of a prospective four-year-study. Hill CM, et al. **J Maxillofac Surg** 1984 Dec;12(6):267–70
Trauma of the upper third of the face. Management and follow-up. Ioannides C, et al. **J Maxillofac Surg** 1984 Dec;12(6):255–61
Fractures of the facial skeleton in the edentulous patient. Zachariades N, et al. **J Maxillofac Surg** 1984 Dec;12(6):262–6
Facial injuries associated with cervical fractures: recognition, patterns, and management. Lewis VL Jr, et al. **J Trauma** 1985 Jan;25(1):90–3
Midfacial fractures: importance of angle of impact to horizontal craniofacial buttresses. Stanley RB Jr, et al. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):186–92
Experimental and clinical results of new advances in the treatment of facial trauma. Ewers R, et al. **Plast Reconstr Surg** 1985 Jan;75(1):25–31
The role of primary bone grafting in complex craniomaxillofacial trauma. Gruss JS, et al. **Plast Reconstr Surg** 1985 Jan;75(1):17–24
Interosseous fixation with hemoclips. Gurucharri M, et al. **Plast Reconstr Surg** 1985 Aug;76(2):310–1
Intracerebral pneumatoceles following facial trauma: CT findings. Mendelsohn DB, et al. **Radiology** 1985 Jan;154(1):115–8
[Fractures of the lateral third of the craniofacial region. Proposal for a therapeutic tactic] Gary-Bobo A, et al. **Ann Chir Plast Esthet** 1984;29(3):247–52 (Eng. Abstr.) **(Fre)**
[Statistical notes on sinusal fractures of the face] Bellavoir A, et al. **Rev Stomatol Chir Maxillofac** 1984;85(5):414-5 (Eng. Abstr.) **(Fre)**
[A technic for osteotomy of the malar bone] Blanc JL, et al. **Rev Stomatol Chir Maxillofac** 1985;86(2):111-3 (Eng. Abstr.) **(Fre)**
[Functionally stable fixation in severe midface fractures using an external cranial fixator] Grätz KW, et al. **Aktuel Traumatol** 1984 Dec;14(6):259–62 (Eng. Abstr.) **(Ger)**
[Prevention and treatment of typical errors in the therapy of lateral mid-face fractures] Meiselbach U, et al. **Fortschr Kiefer Gesichtschir** 1985;30:124–8 **(Ger)**
[Prevention of dish face in the care of mid-face fractures. Treatment principles and their indications from the current viewpoint] Stoll P, et al. **Fortschr Kiefer Gesichtschir** 1985;30:121–4 **(Ger)**
[Computer or conventional tomography? Comparative studies in craniofacial fractures] Mees K, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jul;64(7):335–7 (Eng. Abstr.) **(Ger)**
[Halo-external fixation for a severe maxillofacial injury. Case report] Yamashita M, et al. **Neurol Med Chir (Tokyo)** 1985 Jun;25(6):484–8 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Dentofacial relationships in persons with unoperated clefts: comparisons between three cleft types. Bishara SE, et al. **Am J Orthod** 1985 Jun;87(6):481–507
Craniofacial defects in the human skeletal dysplasias. Eteson DJ, et al. **Birth Defects** 1984;20(3):19–45 (34 ref.)
The facial skeleton in children affected by rheumatoid arthritis--a roentgen-cephalometric study. Jämsä T, et al. **Eur J Orthod** 1985 Feb;7(1):48–56
The frequency and distribution of skeletal and dental components in Class II orthognathic surgery patients. Lawrence TN, et al. **J Oral Maxillofac Surg** 1985 Jan;43(1):24–34
[Dimensions and spatial orientation of the maxilla in the facial skeleton in wisdom tooth retention and anodontia] Bezvestnyĭ GV. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):61–3 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Photoelastic effects of maxillary protraction on the craniofacial complex. Itoh T, et al. **Am J Orthod** 1985 Aug;88(2):117–24

PHYSIOPATHOLOGY

Premature facial synostosis: the influence of biomechanical factors in normal and hypocalcaemic young rats. Engström C, et al. **Eur J Orthod** 1985 Feb;7(1):35–47

RADIOGRAPHY

Reduction of absorbed doses in radiography of the facial skeleton. Julin P, et al. **AJR** 1984 Nov;143(5):1113–6
Craniofacial neurofibromatosis: a roentgen profile. Gupta SK, et al. **Australas Radiol** 1984 May;28(2):97–105
Computed tomography of craniofacial fibrous dysplasia. Mendelsohn DB, et al. **J Comput Assist Tomogr** 1984 Dec;

8(6):1062-5

[Computed tomography following facial surgery] Vogel H, et al. **Digitale Bilddiagn** 1985 Mar;5(1):18-21 (Eng. Abstr.) **(Ger)**

[Growth of the visceral cranium in relation to the menarche--a teleroentgenological study] Witt E, et al. **Dtsch Zahnarztl Z** 1984 Jul;39(7):504-7 (Eng. Abstr.) **(Ger)**

[The facial arch from 2 points of reference: anatomical and radiographic, via the anatomofunctional stomatognathic analyzer] Modica R, et al. **Minerva Stomatol** 1985 Jan-Feb; 34(1):27-30 (Eng. Abstr.) **(Ita)**

[Clinical x-ray characteristics of chondrosarcoma of the facial skeleton] Bakhtiiarova VI, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):40-1 (Eng. Abstr.) **(Rus)**

[Characteristics of the structure of the facial skeleton in open bite] Tikhova LV. **Stomatologiia (Mosk)** 1985 Jan-Feb; 64(1):46-7 (Eng. Abstr.) **(Rus)**

SURGERY

Craniofacial fibrous dysplasia. Zanini SA, et al. **Ann Plast Surg** 1985 Apr;14(4):378-82

Use of a malar bone graft to augment skull-base access. Mann WJ, et al. **Arch Otolaryngol** 1985 Jan;111(1):30-3

Latitude and limitation of midface movements. Freihofer HP. **Br J Oral Maxillofac Surg** 1984 Dec;22(6):393-413

The morbidity of bicoronal flaps in maxillofacial surgery. Shepherd DE, et al. **Br J Oral Maxillofac Surg** 1985 Feb; 23(1):1-8

Coral, a new biomedical material. Experimental and first clinical investigations on Madreporaria. Souyris F, et al. **J Maxillofac Surg** 1985 Apr;13(2):64-9

Multidisciplinary management of acromegaly and its deformities. Brennan MD, et al. **JAMA** 1985 Feb 1; 253(5):682-3

Facial surgery and an active modification approach for children with Down syndrome: some psychological and ethical issues. Mearig JS. **Rehabil Lit** 1985 Mar-Apr; 46(3-4):72-7

[Anomalies of the height of the face. Critical, diagnostic and therapeutic studies] Souyris F, et al. **Ann Chir Plast Esthet** 1985;30(2):141-6 (Eng. Abstr.) **(Fre)**

[Can permanent hearing damage following mid-face osteotomies be prevented?] Götzfried HF, et al. **Fortschr Kiefer Gesichtschir** 1985;30:108-9 **(Ger)**

[Insufficient results following Le Fort III osteotomy and their prevention by double stage mid-face mobilization] Sailer HF. **Fortschr Kiefer Gesichtschir** 1985;30:102-4 **(Ger)**

[Use of bioglass ceramic for alloplastic bone replacements in the maxillofacial region. 1. Studies on clinically oriented animal models] Hofmann H, et al. **Zahn Mund Kieferheilkd** 1984;72(6):531-40 (Eng. Abstr.) **(Ger)**

FACIAL DERMATOSES

A case of herpes zoster involving a skin graft [letter] Ramos-Caro FA, et al. **Arch Dermatol** 1985 May; 121(5):588-9

Pigmentatio reticularis faciei et colli [letter] Rebora A, et al. **Arch Dermatol** 1985 Aug;121(8):968

[Demodex folliculorum] Utíkalová M, et al. **Cesk Oftalmol** 1985 May;41(3):202-3 (Eng. Abstr.) **(Cze)**

CHEMICALLY INDUCED

Allergy to 2 new corticoid molecules. Boujnah-Khouadja A, et al. **Contact Dermatitis** 1984 Aug;11(2):83-7

Contact allergy to benzoxonium chloride (Bradophen). de Groot AC, et al. **Contact Dermatitis** 1984 Nov;11(5):324-5

Facial dermatitis from epoxy resin in a helmet. Malanin G, et al. **Contact Dermatitis** 1985 Apr;12(4):221

Antioxidants in cosmetics. White IR, et al. **Contact Dermatitis** 1984 Nov;11(5):265-7

COMPLICATIONS

Perilimbal vascular anomaly associated with ipsilateral en coup de sabre morphoea. Taylor P, et al. **Br J Ophthalmol** 1985 Jan;69(1):60-2

DIAGNOSIS

Facial rashes. Marks R. **Br Med J [Clin Res]** 1984 Sep 15; 289(6446):687-9

Facial and periorbital cellulitis in children. Barkin RM. **J Emerg Med** 1984;1(3):195-9

[A case of bouton d'orient] Koulmann M, et al. **Rev Stomatol Chir Maxillofac** 1985;86(2):117-21 (Eng. Abstr.) **(Fre)**

[Noonan syndrome and keratosis pilaris atrophicans faciei. Significance of dermatologic changes] Occella C, et al. **Minerva Pediatr** 1985 Feb 28;37(4):181-6 (Eng. Abstr.) **(Ita)**

[Generalized form of herpes zoster] Korsunskaia IM, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):59-61 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Sarcoid-like granulomatous periocular dermatitis treated with tetracycline. Falk ES. **Acta Derm Venereol (Stockh)** 1985;65(3):270-2

The role of etretinate (Tegison; Tigason) in the management of keratoacanthoma. Cristofolini M, et al. **J Am Acad Dermatol** 1985 Apr;12(4):633-8

Annular subacute cutaneous lupus erythematosus responsive to dapsone. McCormack LS, et al. **J Am Acad Dermatol** 1984 Sep;11(3):397-401

ETIOLOGY

Pityrosporum orbiculare--a pathogenic factor in atopic dermatitis of the face, scalp and neck? Waersted A, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:146-8

Pustular contact hypersensitivity to fluorouracil with rosacealike sequelae. Sevadjian CM. **Arch Dermatol** 1985 Feb;121(2):240-2

Atypical psoriasis of the face and hands after PUVA treatment. Verhagen AR, et al. **Br J Dermatol** 1984 Nov; 111(5):615-8

Granuloma faciale: the role of dapsone and prior irradiation on the cause of the disease. Goldner R, et al. **Cutis** 1984 May;33(5):478-9, 482

Exercise-associated solar purpura in an atypical location. Latenser BA, et al. **Cutis** 1985 Apr;35(4):365-6

Glucagonoma syndrome: in vitro evidence that glucagon increases epidermal arachidonic acid. Peterson LL, et al. **J Am Acad Dermatol** 1984 Sep;11(3):468-73

Cutaneous candidosis as a complication of facial dermabrasion. Siegle RJ, et al. **J Dermatol Surg Oncol** 1984 Nov;10(11):891-5

Trigeminal trophic syndrome. Harper N. **Postgrad Med J** 1985 May;61(715):449-51

[Rhino-cranial mucormycosis in acute leukemia] Farack UM, et al. **Dtsch Med Wochenschr** 1985 Jan 4;110(1):24-7 (Eng. Abstr.) **(Ger)**

[Perioral dermatitis in the light of the literature] Starzycki Z. **Przegl Dermatol** 1984 Jul-Aug;71(4):389-94 (42 ref.) **(Pol)**

[Facial carbuncle in diabetes mellitus] Maj J. **Wiad Lek** 1984 Sep 15;37(18):1453-6 (Eng. Abstr.) **(Pol)**

MICROBIOLOGY

[Cutaneous Alternaria infection in a child] Puissant A, et al. **Ann Dermatol Venereol** 1984;111(8):753-4 **(Fre)**

[Cervico-facial suppuration of oro-dental origin due to Eikenella corrodens] Ruf R, et al. **Rev Stomatol Chir Maxillofac** 1984;85(4):284-6 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Pigmented keratoacanthoma [letter] Mehregan A, et al. **Arch Dermatol** 1984 Nov;120(11):1417

Facial granuloma. Frost FA, et al. **Australas J Dermatol** 1984 Dec;25(3):121-4

Facial psoriasis. Harrison PV, et al. **Clin Exp Dermatol** 1985 Jan;10(1):41-4

Perioral dermatitis. Jillson OF. **Cutis** 1984 Nov;34(5):457-8

Urticaria-like follicular mucinosis. Crovato F, et al. **Dermatologica** 1985;170(3):133-5

Prurigo pigmentosa affecting the forehead. Miyakawa S, et al. **Dermatologica** 1984;169(3):135-7

Lupus miliaris disseminatus faciei. Shitara A. **Int J Dermatol** 1984 Oct;23(8):542-4

Ultrastructural aspects of oral and facial lepromatous lesions. Reichart PA, et al. **Int J Oral Surg** 1985 Feb;14(1):55-60

Inverted follicular keratosis. White DK, et al. **J Oral Maxillofac Surg** 1985 Jul;43(7):498-503

The patient with ichthyosis. Report of a case. Martin MD, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):581-4

Condylomata lata of the toewebs: a case report of an unusual manifestation of syphilis. Hira SK. **Sex Transm Dis** 1984 Jul-Sep;11(3):167-8

[Verrucous-form dermatosis papulosa nigra of the eyelid] Dhermy P, et al. **J Fr Ophtalmol** 1984;7(5):411-2 **(Fre)**

[Mucinosis follicularis. Histologic and electron microscopy studies] Grussendorf-Conen EI, et al. **Hautarzt** 1984 Aug; 35(8):408-14 (Eng. Abstr.) **(Ger)**

[Comparison of tuberculosis cutis luposa and cutaneous leishmaniasis] Kaufmann I, et al. **Z Hautkr** 1985 Jan; 60(1-2):93-9 (Eng. Abstr.) **(Ger)**

[Facial eosinophilic granuloma] Velders AJ, et al. **Z Hautkr** 1984 Oct 15;59(20):1365-71 (Eng. Abstr.) **(Ger)**

PSYCHOLOGY

[Psychoneurological disorders in patients with severe forms of herpes of the skin and mucous membranes] Golodets RG, et al. **Vestn Dermatol Venerol** 1985 May;(5):57-60 (Eng. Abstr.) **(Rus)**

SURGERY

The surgical correction of residual facial disfigurement produced by rhinophycomycosis entomophthorae: a case report. Davidson T, et al. **Br J Plast Surg** 1985 Jan; 38(1):97-100

Cryosurgery effective for granuloma faciale. Zacarian SA. **J Dermatol Surg Oncol** 1985 Jan;11(1):11-3

Dermabrasion in facial surgery. Farrior RT. **Laryngoscope** 1985 May;95(5):534-45

THERAPY

The perioperative management of the patient with pemphigus vulgaris and villous adenoma. Lavie CJ, et al. **Cutis** 1984 Aug;34(2):180-2

A Pseudofolliculitis Barbae clinic for the black male who has to shave. Galaznik JG. **J Am Coll Health** 1984 Dec; 33(3):126-7

VETERINARY

An outbreak of facial eczema in sheep. Greenwood PE, et al. **Aust Vet J** 1985 Feb;62(2):65-6

FACIAL EXPRESSION

Peculiar facial appearance, hydrocephalus, double-outlet right ventricle, genital anomalies and dense bones with lethal outcome. Beemer FA, et al. **Am J Med Genet** 1984 Oct;19(2):391-4

FG syndrome in a premature male. Bianchi DW. **Am J Med Genet** 1984 Oct;19(2):383-6

A distinctive facial appearance in neurofibromatosis von Recklinghausen. Kaplan P, et al. **Am J Med Genet** 1985 Jul;21(3):463-70

Autosomal recessive deafness with skeletal dysplasia and facial appearance of Marshall syndrome. Miny P, et al. **Am J Med Genet** 1985 Jun;21(2):317-24

Agitation-increased electromyogram activity in the corrugator muscle region: a possible explanation of the 'Omega sign'? Greden JF, et al. **Am J Psychiatry** 1985 Mar; 142(3):348-51

Hemispheric differences in split-brain monkeys viewing and responding to videotape recordings. Ifune CK, et al. **Behav Neural Biol** 1984 Jul;41(2):231-5

Perceptual and conceptual organization of facial emotions: hemispheric differences. Etcoff NL. **Brain Cogn** 1984 Oct; 3(4):385-412

Morphologic asymmetries of the face: a review. Sackeim HA. **Brain Cogn** 1985 Jul;4(3):296-312

The generalized discrimination of facial expressions by seven-month-old infants. Nelson CA, et al. **Child Dev** 1985 Feb;56(1):58-61

The Coffin-Siris syndrome: report of a family and further delineation. Haspeslagh M, et al. **Clin Genet** 1984 Oct; 26(4):374-8

Asymmetrical facial expressions: a different interpretation. Dane FC, et al. **Cortex** 1985 Jun;21(2):301-3

Right brain, left brain; left face, right face: hemisphericity and the expression of facial emotion. Thompson JK. **Cortex** 1985 Jun;21(2):281-99 (46 ref.)

Asymmetrical facial expressions indeed: a reply to Dane and Thompson. Tucker DM, et al. **Cortex** 1985 Jun;21(2):305-7

Facial expressions of emotion in mother-infant interaction. Trevarthen C. **Hum Neurobiol** 1985;4(1):21-32

Superiority of the left hemisphere in the recognition of emotional faces. Stalans L, et al. **Int J Neurosci** 1985 Jan; 25(3-4):219-23

The role of the analyst's facial expressions in psychoanalysis and psychoanalytic therapy. Searles HF. **Int J Psychoanal Psychother** 1984-85;10:47-73

The role of facial expressions in the holding environment. Weil NH. **Int J Psychoanal Psychother** 1984-85;10:75-89

Profound limb deficiency, thoracic dystrophy, unusual facies, and normal intelligence: a new syndrome. Al-Awadi SA, et al. **J Med Genet** 1985 Feb;22(1):36-8

An autosomal dominant syndrome with 'acromegaloid' features and thickened oral mucosa. Hughes HE, et al. **J Med Genet** 1985 Apr;22(2):119-25

Kabuki make-up syndrome (Niikawa-Kuroki syndrome) associated with congenital heart disease. Ohdo S, et al. **J Med Genet** 1985 Apr;22(2):126-7

Facial expression during induced pain. Craig KD, et al. **J Pers Soc Psychol** 1985 Apr;48(4):1080-91

Increased plasma 1,25-dihydroxyvitamin D in infants with hypercalcemia and elfin facies [letter] **N Engl J Med** 1985 Oct 3;313(14):888-90

Elevated plasma 1,25-dihydroxyvitamin D concentrations in infants with hypercalcemia and an elfin facies. Garabédian M, et al. **N Engl J Med** 1985 Apr 11;312(15):948-52

An unusual syndrome in a family with cataracts and abnormal facies [letter] Parsons G, et al. **Papua New Guinea Med J** 1984 Jun;27(2):110

Contextual stimulus control of conditional vasomotor and electrodermal reactions to angry and friendly faces. Transswitching--yes! Preparedness--No! Vaitl D, et al. **Pavlov J Biol Sci** 1985 Jul-Sep;20(3):124-31

Recognition of neonates by facial-visual characteristics. Porter RH, et al. **Pediatrics** 1984 Oct;74(4):501-4

Lateralized brain processing of faces and facial expressions: level of blurring and specificity. Bruyer R. **Percept Mot Skills** 1984 Oct;59(2):545-6

Judgment of facial expressions of emotion as a function of exposure time. Kirouac G, et al. **Percept Mot Skills** 1984 Aug;59(1):147-50

Perceptual skill in decoding facial affect. Mandal MK, et al. **Percept Mot Skills** 1985 Feb;60(1):96-8

Responses to facial expression of emotion in depression. Mandal MK, et al. **Psychol Rep** 1985 Apr;56(2):653-4

Decoding of facial affect in schizophrenia. Mandal MK, et al. **Psychol Rep** 1985 Apr;56(2):651-2

Pattern recognition of self-reported emotional state from multiple-site facial EMG activity during affective imagery.

Fridlund AJ, et al. **Psychophysiology** 1984 Nov;21(6):622–37

The asymmetry of facial actions is inconsistent with models of hemispheric specialization. Hager JC, et al. **Psychophysiology** 1985 May;22(3):307–18

Facial expressions of emotion and physiologic reactions in children with bronchial asthma. Florin I, et al. **Psychosom Med** 1985 Jul–Aug;47(4):382–93

Emotion and facial efference: a theory reclaimed. Zajonc RB. **Science** 1985 Apr 5;228(4695):15–21

Facial expression accompanying pain. LeResche L, et al. **Soc Sci Med** 1984;19(12):1325–30

[Prevention of alien changes of facial expression in rhinoplasty] Kapovits M. **Fortschr Kiefer Gesichtschir** 1985;30:73–6 (Ger)

[Orofacial dyskinesias from the psychosomatic viewpoint] Fleischer-Peters A, et al. **Fortschr Kieferorthop** 1985 Jun;46(3):181–90 (Eng. Abstr.) (Ger)

[Appliance therapy of orofacial dyskinesias in cerebral palsy patients] Haberfellner H, et al. **Fortschr Kieferorthop** 1985 Jun;46(3):224–32 (Eng. Abstr.) (Ger)

[Orofacial dyskinesias as an expression of a disturbed relationship of breathing, digestion and movement] von Treuenfels H. **Fortschr Kieferorthop** 1985 Jun;46(3):191–206 (Eng. Abstr.) (Ger)

[Aarskog's syndrome: study of a new familial group] Baroncini A, et al. **Pathologica** 1983;75 Suppl:153–6 (Ita)

[Aarskog's syndrome. Description of a case and endocrinological study] Saggese G, et al. **Pediatr Med Chir** 1983 Nov–Dec;5(6):613–8 (Eng. Abstr.) (Ita)

FACIAL HEMIATROPHY

Romberg's syndrome: a case report. Singh M, et al. **Dermatologica** 1985;170(3):145–6

COMPLICATIONS

Total hemiatrophy. Association with localized scleroderma, Schönlein-Henoch nephritis, and paroxysmal nocturnal hemoglobinuria. Kuto F, et al. **Arch Intern Med** 1985 Apr;145(4):731–3

Facial hemiatrophy in a patient with systemic scleroderma. Nomura K, et al. **Dermatologica** 1984;169(2):91–2

[Masticatory spasm in progressive facial hemiatrophy] Shimizu H, et al. **Rinsho Shinkeigaku** 1985 Mar;25(3):351–4 (Eng. Abstr.) (Jpn)

DIAGNOSIS

Progressive hemifacial atrophy: a case report. Zafarulla MY. **Br J Ophthalmol** 1985 Jul;69(7):545–7

ETIOLOGY

Hemiplegic migraine and progressive hemifacial atrophy [letter] Sagild JC, et al. **Ann Neurol** 1985 Jun;17(6):620

Progressive facial and cerebral hemiatrophy. Lederman RJ. **Cleve Clin Q** 1984 Fall;51(3):545–8

[Vegetative-vascular and trophic disorders in trigeminal neuralgia and their treatment] Tebloev IK, et al. **Sov Med** 1984;(10):80–3 (Rus)

FAMILIAL & GENETIC

[Familial form of Parry-Romberg syndrome] Ignatowicz R, et al. **Pol Tyg Lek** 1985 Jan 14;40(2):47–9 (Eng. Abstr.) (Pol)

SURGERY

The use of free revascularized grafts in the amelioration of hemifacial atrophy. Jurkiewicz MJ, et al. **Plast Reconstr Surg** 1985 Jul;76(1):44–55

[The pectoralis major musculocutaneous flap and Romberg's disease. Apropos of a case] Freidel M, et al. **Ann Chir Plast Esthet** 1984;29(3):282–5 (Eng. Abstr.) (Fre)

FACIAL INJURIES

Athletic facial injuries. Schultz RC, et al. **JAMA** 1984 Dec 28;252(24):3395–8

[Complex injuries of the face with special emphasis on the fronto-ethmoidal area] Mijaljević V, et al. **Med Pregl** 1984;37(11–12):543–6 (Eng. Abstr.) (Scr)

COMPLICATIONS

Injury to the head and face in patients with cervical spine injury. McCabe JB, et al. **Am J Emerg Med** 1984 Jul;2(4):333–5

Delayed spontaneous retrobulbar haemorrhage. A case report. Morris TA, et al. **J Maxillofac Surg** 1985 Jun;13(3):129–30

Epidermoid carcinoma subsequent to a gunshot wound of the face. Patel M, et al. **J Natl Med Assoc** 1984 Oct;76(10):1027–9

DIAGNOSIS

[Value of tracheobronchial endoscopy in facial burns] Ramon P, et al. **Rev Mal Respir** 1985;2(2):97–101 (Eng. Abstr.) (Fre)

DRUG THERAPY

[Use of tserigel in treating facial burns] Arifdzhanov AK, et al. **Stomatologiia (Mosk)** 1984 Sep–Oct;63(5):48–9 (Eng. Abstr.) (Rus)

ETIOLOGY

Severe facial injury by impalement. Bowsher WG, et al. **J Trauma** 1984 Nov;24(11):999–1000

Craniofacial lesions by grindstone wheels. Meley M, et al. **J Trauma** 1985 Jun;25(6):557–9

Dogs bites [letter] Booker L. **JAMA** 1985 Mar 1;253(9):1263

OCCURRENCE

[Sports injuries of the face] Chrzavzez G, et al. **Rev Stomatol Chir Maxillofac** 1984;85(5):411–3 (Eng. Abstr.) (Fre)

PATHOLOGY

[Unusual injuries caused by blows with a sash saw] Bratzke H, et al. **Arch Kriminol** 1985 May–Jun;175(5–6):151–5 (Eng. Abstr.) (Ger)

[Quantitative research on the cytological dynamics of the healing of suppurative facial and neck wounds] Mukhsinov ME, et al. **Stomatologiia (Mosk)** 1985 Jan–Feb;64(1):33–5 (Eng. Abstr.) (Rus)

PREVENTION & CONTROL

Orofacial injuries and mouthguards: a study of the 1984 Wallabies. Chapman PJ. **Br J Sports Med** 1985 Jun;19(2):93–5

Prevention of facial burns during laser laryngoscopy. Colman MF, et al. **Laryngoscope** 1985 Mar;95(3):349

[Use of dental impression technic in the construction of individual tooth protectors and their significance in the prevention of sports injuries] Simon G, et al. **Fogorv Sz** 1985 Jan;78(1):1–4 (Hun)

RADIOGRAPHY

High-resolution CT vs. pluridirectional tomography in facial trauma [letter] Jahnke RW. **AJNR** 1984 Sep–Oct;5(5):653

Head and facial trauma. Levine RS, et al. **Emerg Med Clin North Am** 1985 Aug;3(3):447–73 (36 ref.)

SURGERY

Galeal-pericranial flaps in head and neck reconstruction. Anatomy and application. Horowitz JH, et al. **Am J Surg** 1984 Oct;148(4):489–97

Reconstruction of half of the face. Conley J, et al. **Arch Otolaryngol** 1985 Mar;111(3):142–5

The management of maxillo-facial injuries in vagrant alcoholics. Cannell H, et al. **J Maxillofac Surg** 1985 Jun;13(3):121–4

Management of facial trauma: teaching collaboration by example. Fisher JC. **J Oral Maxillofac Surg** 1985 Apr;43(4):305–6

Facial defect augmentation with a dermal-fat graft. Kempf KK, et al. **Oral Surg Oral Med Oral Pathol** 1985 Apr;59(4):340–3

Naso-ethmoid-orbital fractures: classification and role of primary bone grafting. Gruss JS. **Plast Reconstr Surg** 1985 Mar;75(3):303–17

Midface fractures: advantages of immediate extended open reduction and bone grafting. Manson PN, et al. **Plast Reconstr Surg** 1985 Jul;76(1):1–12

[Severe facial injuries] Sundell B, et al. **Duodecim** 1985;101(9):903–11 (Fin)

[Dirt tattooing following an explosion in a chemistry class] Fuchs T, et al. **Derm Beruf Umwelt** 1984;32(4):138–40 (Eng. Abstr.) (Ger)

[Facial burns] Müller FE. **Langenbecks Arch Chir** 1984;364:223–7 (Eng. Abstr.) (Ger)

[Treatment experience with facial burns] Fedotov SN, et al. **Stomatologiia (Mosk)** 1985 Mar–Apr;64(2):41–2 (Eng. Abstr.) (Rus)

THERAPY

Rabies therapy for animal bites in the head and neck region. Flanigan TJ, et al. **J Oral Maxillofac Surg** 1985 Sep;43(9):704–6

Athletic facial injuries: call in everyone [letter] **JAMA** 1985 Jul 12;254(2):230–1

FACIAL MUSCLES

Neurovascular decompression for hemifacial spasm. Saito H. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:149–54

Transient ipsilateral paresthesias (TIPs) with transient monocular blindness. Ropper AH. **Arch Neurol** 1985 Mar;42(3):295

Hemifacial spasm treated with botulinum A toxin injection. Savino PJ, et al. **Arch Ophthalmol** 1985 Sep;103(9):1305–6

'Medical or physical management of facial muscle and joint pain' [letter] Harris M, et al. **Br Dent J** 1985 Jul 6;159(1):6

Symptomatic hemifacial spasm: case report and review of literature. Levine DA, et al. **Bull Clin Neurosci** 1983;48:139–47

The auditory brainstem response in surgical monitoring: the pathological significance of a reduced P1-P5 interwave interval. Jacobson GP, et al. **Clin Electroencephalogr** 1985 Apr;16(2):83–7

Hemimasticatory and hemifacial spasm: a common pathophysiology? Thompson PD, et al. **Clin Exp Neurol** 1983;19:110–9

Facial myokymia—a false localizing sign in obstructive communicating hydrocephalus. A case report. Sandyk R. **Eur Neurol** 1985;24(2):112–4

Tic convulsif: results in 11 cases treated with microvascular decompression of the fifth and seventh cranial nerves. Cook BR, et al. **J Neurosurg** 1984 Nov;61(5):949–51

Loss of auditory function in microvascular decompression for hemifacial spasm. Results in 143 consecutive cases. Møller MB, et al. **J Neurosurg** 1985 Jul;63(1):17–20

Facial muscle spasms and clonazepam [letter] Wieland C. **Med J Aust** 1985 Sep 2;143(5):222–3

Paroxysmal tinnitus and nystagmus accompanied by facial spasm. Isu T, et al. **Surg Neurol** 1985 Feb;23(2):183–6

[Percutaneous controlled radiofrequency coagulothermotherapy of facial spasm] Huang S. **Chung Hua Wai Ko Tsa Chih** 1984 Jul;22(7):428–9, 446 (Eng. Abstr.) (Chi)

[Microsurgical cure of the cause of facial hemispasm] Zvěřina E. **Cas Lek Cesk** 1985 Mar 1;124(9):263–5 (Eng. Abstr.) (Cze)

[Treatment of facial hemispasm by microvascular decompression of nerve VII] Zvěřina E. **Cesk Neurol Neurochir** 1984 Nov;47(6):350–5 (Eng. Abstr.) (Cze)

[Treatment of trigeminal neuralgia and hemifacial spasm: another viewpoint] Polman CH, et al. **Ned Tijdschr Geneeskd** 1984 Oct 27;128(43):2025–8 (Dut)

[Facial tics and spasms] Boghen D. **Union Med Can** 1985 Apr;114(4):314–6 (Eng. Abstr.) (Fre)

[Orofacial dyskinesias from the psychosomatic viewpoint] Fleischer-Peters A, et al. **Fortschr Kieferorthop** 1985 Jun;46(3):181–90 (Eng. Abstr.) (Ger)

[Appliance therapy of orofacial dyskinesias in cerebral palsy patients] Haberfellner H, et al. **Fortschr Kieferorthop** 1985 Jun;46(3):224–32 (Eng. Abstr.) (Ger)

[Orofacial dyskinesias as an expression of a disturbed relationship of breathing, digestion and movement] von Treuenfels H. **Fortschr Kieferorthop** 1985 Jun;46(3):191–206 (Eng. Abstr.) (Ger)

[A statistical analysis of block therapy for hemifacial spasm] Takahashi T, et al. **Masui** 1985 Mar;34(3):335–8 (Eng. Abstr.) (Jpn)

[Neuropathological picture of intensive linguofacial dyskinesia] Kida E, et al. **Neuropatol Pol** 1984;22(3):387–97 (Eng. Abstr.) (Pol)

[Hemifacial spasm: report of a case] Fortes-Rêgo J. **Arq Neuropsiquiatr** 1985 Mar;43(1):98–101 (Eng. Abstr.) (Por)

[Case of surgical treatment of an ocular form of myopathy] Krol' DS, et al. **Vestn Oftalmol** 1985 Jan–Feb;101(1):54–6 (Eng. Abstr.) (Rus)

[Prevention of post-neuritic facial contracture by electric stimulation] Ishchuk AI, et al. **Vrach Delo** 1985 Jun;(6):82–3 (Eng. Abstr.) (Rus)

[Treatment of spasm of the facial nerve with acupuncture] Dvorski I, et al. **Lijec Vjesn** 1985 Jan;107(1):38–41 (Eng. Abstr.) (Scr)

[Primary and post-paralytic facial hemispasm. Clinical aspects and pathogenetic neurophysiologic mechanisms] Esteban AA, et al. **Arch Neurobiol (Madr)** 1984 Nov–Dec;47(6):331–46 (Eng. Abstr.) (Spa)

ANATOMY & HISTOLOGY

Facial morphology and vibrissal movement in the golden hamster. Wineski LE. **J Morphol** 1985 Feb;183(2):199–217

The superficial musculoaponeurotic system in the upper lip: an anatomic study in cadavers. Pensler JM, et al. **Plast Reconstr Surg** 1985 Apr;75(4):488–94

DRUG EFFECTS

Frontal EMG and brain-activity during and after anesthesia. Rating W, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:457–62

Facial EMG activity levels predict treatment outcome in depression. Greden JF, et al. **Psychiatry Res** 1984 Dec;13(4):345–52

EMBRYOLOGY

The human digastric muscle in the fetal period. Ziółkowski M, et al. **Folia Morphol** 1984;43(3):243–9

GROWTH & DEVELOPMENT

Changes with advance of age of the human maxillomandibularis, zygomaticomandibularis and superficial temporalis. Tanuma K. **Okajimas Folia Anat Jpn** 1984 May;61(1):1–13

INJURIES

Medial orbital blow-out fracture with entrapment. Rauch SD. **Arch Otolaryngol** 1985 Jan;111(1):53–5

INNERVATION

Representation of whisker follicle intrinsic musculature in the facial motor nucleus of the rat. Klein BG, et al. **J Comp Neurol** 1985 Feb 1;232(1):55–69

Hemifacial spasm: operative treatment. Ludman H, et al. **J Laryngol Otol** 1985 Mar;99(3):239–45

Vascular compression, hemifacial spasm, and multiple cranial neuropathy. Eidelman BH, et al. **Neurology** 1985 May; 35(5):712–6

The motor innervation of the single-bellied digastric muscle in the rabbit: a retrograde horseradish peroxidase study. Baisden RH, et al. **Neurosci Lett** 1985 May 14;56(2):129–36

Distribution of premotor neurons for orbicularis oculi motoneurons in the cat, with particular reference to possible pathways for blink reflex. Takada M, et al. **Neurosci Lett** 1984 Sep 7;50(1–3):251–5

Morphology of motoneurons in a mixed motor pool of the cat facial nucleus that innervate orbicularis oculis and quadratus labii superioris, stained intracellularly with horseradish peroxidase. Shaw MD, et al. **Neuroscience** 1985 Feb;14(2):627–43

Morphology of denervated human facial muscles. Schwarting S, et al. **ORL J Otorhinolaryngol Relat Spec** 1984; 46(5):248–56

Seventh nerve spasm: effect of modification of cholinergic balance. Hughes EC, et al. **Otolaryngol Head Neck Surg** 1980 Jul–Aug;88(4):491–9

PATHOLOGY

Morphology of denervated human facial muscles. Schwarting S, et al. **ORL J Otorhinolaryngol Relat Spec** 1984; 46(5):248–56

[Clinico-morphological parallels in various types of congenital blepharoptosis in children] Vasil'eva SF, et al. **Oftalmol Zh** 1985;(1):39–42 (Eng. Abstr.) (Rus)

PHYSIOLOGY

Neuromuscular adaptation of craniofacial muscles to altered oral sensation. Miller AJ, et al. **Am J Orthod** 1985 Apr; 87(4):303–10

Morphologic response to changes in neuromuscular patterns experimentally induced by altered modes of respiration. Vargervik K, et al. **Am J Orthod** 1984 Feb;85(2):115–24

Agitation-increased electromyogram activity in the corrugator muscle region: a possible explanation of the 'Omega sign'? Greden JF, et al. **Am J Psychiatry** 1985 Mar; 142(3):348–51

Electromyographic activity of anterior temporal area pain patients and non-pain subjects. Majewski RF, et al. **J Dent Res** 1984 Oct;63(10):1228–31

Blinking and associated eye movements in humans, guinea pigs, and rabbits. Evinger C, et al. **J Neurophysiol** 1984 Aug;52(2):323–39

Dynamic control of the perioral system during speech: kinematic analyses of autogenic and nonautogenic sensorimotor processes. Gracco VL, et al. **J Neurophysiol** 1985 Aug;54(2):418–32

Respiratory activation of the facial nerve and alar muscles in anaesthetized dogs. Strohl KP. **J Physiol (Lond)** 1985 Jun;363:351–62

Reproducibility and variability of speech muscle activity in athetoid dysarthria of cerebral palsy. Neilson PD, et al. **J Speech Hear Res** 1984 Dec;27(4):502–17

Asymmetry of speech actions. Hager JC, et al. **Neuropsychologia** 1985;23(1):119–22

Pattern recognition of self-reported emotional state from multiple-site facial EMG activity during affective imagery. Fridlund AJ, et al. **Psychophysiology** 1984 Nov; 21(6):622–37

Amplitude and bandwidth of the frontalis surface EMG: effects of electrode parameters. van Boxtel A, et al. **Psychophysiology** 1984 Nov;21(6):699–707

[Proprioceptive sensitivity and orofacial functions] Auriol M, et al. **Rev Stomatol Chir Maxillofac** 1985;86(3):137–46 (Eng. Abstr.) (Fre)

PHYSIOPATHOLOGY

Color electromyographic topographic analysis of facial movements. Ohyama M, et al. **Am J Otolaryngol** 1985 May–Jun;6(3):185–90

Medical or physical management of facial muscle and joint pain? A dialogue. Berry DC, et al. **Br Dent J** 1985 Mar 23;158(6):227–9

Synkinesis in hemifacial spasm: results of recording intracranially from the facial nerve. Møller AR, et al. **Experientia** 1985 Mar 15;41(3):415–7

Absolute and proportional resting EMG levels in chronic headache patients in relation to the state of headache. van Boxtel A, et al. **Headache** 1984 Sep;24(5):259–65

Familial myopathies with restricted distribution, facial weakness and inflammatory changes in affected muscles. Bacq M, et al. **J Neurol** 1985;231(6):295–300

Hemifacial spasm associated with a mixed benign parotid tumour [letter] Destee A, et al. **J Neurol Neurosurg Psychiatry** 1985 Feb;48(2):189–90

Tinnitus and/or hearing loss elicited by facial mimetic movement. Yamamoto E, et al. **Laryngoscope** 1985 Aug; 95(8):966–70

Hemifacial spasm: results of electrophysiologic recording during microvascular decompression operations. Møller AR, et al. **Neurology** 1985 Jul;35(7):969–74

Myofascial pain-dysfunction syndrome: the role of nonmasticatory muscles in 91 patients. Curtis AW. **Otolaryngol Head Neck Surg** 1980 Jul–Aug;88(4):361–7

Oro-facial dyskinesia treatment with the neuroleptic pimozide (Orap). Siegmund R, et al. **Ther Hung** 1982; 30(2):97–8

[A case of facial contracture in acute polyradiculopathy with electromyographic myokymia and permanent activity. Regressive development] Bastard J, et al. **Rev Otoneuroophtalmol** 1984 Jul–Dec;56(4–5):379–88 (Eng. Abstr.) (Fre)

[Incisor infraclusion and muscular behavior. Thumbsucking] Fraudet JR. **Rev Stomatol Chir Maxillofac** 1985;86(2):84–6 (Eng. Abstr.) (Fre)

[The orbicularis oris reflex and the orbicularis oculi reflex] Shimpo T. **Rinsho Shinkeigaku** 1985 Mar;25(3):271–81 (Eng. Abstr.) (Jpn)

[Interrelation of orbicularis oris function and anthropometric indices of the maxillodental system in 7- to 12-year-old children with a prognathic deep bite] Kosyreva TF, et al. **Stomatologiia (Mosk)** 1984 Nov–Dec;63(6):48–51 (Eng. Abstr.) (Rus)

RADIOGRAPHY

Traumatic myositis ossificans. Johansson B. **Oral Surg Oral Med Oral Pathol** 1984 Dec;58(6):742

Major motor atrophic patterns in the face and neck: CT evaluation. Harnsberger HR, et al. **Radiology** 1985 Jun; 155(3):665–70

SURGERY

Suprazygomatic SMAS in rhytidectomy. Morales P, et al. **Aesthetic Plast Surg** 1984;8(3):181–7

Hemifacial spasm. Pulec JL. **Am J Otol** 1984 Oct;5(6):514–5

Müller's superior tarsal muscle: anatomy, physiology, and clinical significance. Beard C. **Ann Plast Surg** 1985 Apr; 14(4):324–33

On the importance of muscle repair in secondary cleft lip deformity. Schafer ME, et al. **Clin Plast Surg** 1984 Oct; 11(4):761–71

Intramuscular hemangioma of the head and neck. Wolf GT, et al. **Laryngoscope** 1985 Feb;95(2):210–3

Myectomy for essential blepharospasm. Jones TW Jr, et al. **Mayo Clin Proc** 1985 Oct;60(10):663–6

The pectoralis minor vascularized muscle graft for the treatment of unilateral facial palsy. Harrison DH. **Plast Reconstr Surg** 1985 Feb;75(2):206–16

[Dehiscence and disinsertion of the aponeurotic bundle of the upper eyelid levator in acquired ptosis] Morax S. **J Fr Ophtalmol** 1984;7(11):727–36 (Eng. Abstr.) (Fre)

[Causes, prevention and therapy of postoperative function disorders of the chin musculature] Hardt N, et al. **Fortschr Kiefer Gesichtschir** 1985;30:46–8 (Ger)

FACIAL NEOPLASMS

Embryonal rhabdomyosarcoma of the face. Dev PG. **J Indian Med Assoc** 1984 Jun;82(6):212–4

Midfacial Burkitt's lymphoma. Standefer JA Jr, et al. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):262–7

BLOOD SUPPLY

The vascular pattern of basal cell tumors: light microscopy and scanning electron microscopic study on vascular corrosion casts. Grunt TW, et al. **Microvasc Res** 1985 May; 29(3):371–86

CHEMICALLY INDUCED

Squamous cell carcinoma on rubeosis steroidica. Kikuchi I, et al. **J Dermatol (Tokyo)** 1984 Dec;11(6):577–8

COMPLICATIONS

The sign of Leser–Trélat associated with primary lymphoma of the brain. Kaplan DL, et al. **Cutis** 1984 Aug;34(2):164–5

Multiple facial hemangiomas and iron-deficiency anemia: blue rubber-bleb nevus syndrome. Chishi M, et al. **Head Neck Surg** 1985 Jan–Feb;7(3):249–54

Facial port-wine stains and Sturge–Weber syndrome. Enjolras O, et al. **Pediatrics** 1985 Jul;76(1):48–51

CONGENITAL

The association of extracranial and intracranial vascular malformations in children. Pascual-Castroviejo I. **Can J Neurol Sci** 1985 May;12(2):139–48

Melanotic neuroectodermal tumor of infancy (retinal anlage tumor). Lamping KA, et al. **Ophthalmology** 1985 Jan; 92(1):143–9

[Encephalocraniocutaneous lipomatosis and linear naevus sebaceus] Schlack HG, et al. **Monatsschr Kinderheilkd** 1985 Apr;133(4):235–7 (Eng. Abstr.) (Ger)

DIAGNOSIS

In utero prenatal diagnosis of fetal facial tumor–hemangioma. Meizner I, et al. **JCU** 1985 Jul–Aug;13(6):435–7

Doppler ultrasound: a valuable diagnostic aid in a patient with a facial hemangioma. Oates CP, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):458–9

Melanoma masquerading as Spitz nevus following acute lymphoblastic leukemia. Goldes J, et al. **Pediatr Dermatol** 1984 Apr;1(4):295–8

[What is your diagnosis? Basalioma] Rufli T. **Schweiz Rundsch Med Prax** 1984 Sep 4;73(36):1073–4 (Ger)

DRUG THERAPY

Angiolymphoid hyperplasia demonstrating extensive skin and mucosal lesions controlled with vinblastine therapy. Massa MC, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 2):333–9

Aromatic retinoid in the chemoprevention of the progression of nevoid basal-cell carcinoma syndrome. Cristofolini M, et al. **J Dermatol Surg Oncol** 1984 Oct;10(10):778–81

[Phase II trial of mitoguazone in patients with recurrent extensive cervicofacial tumors (letter)] Coninx P, et al. **Bull Cancer (Paris)** 1985;72(2):153–4 (Fre)

[Errors in intra-arterial chemotherapy] Szabó G. **Fortschr Kiefer Gesichtschir** 1985;30:177–8 (Ger)

ETIOLOGY

Osteoma cutis: a case of probable exacerbation following treatment of severe acne with isotretinoin. Brodkin RH, et al. **Dermatologica** 1985;170(4):210–2

Epidermoid carcinoma subsequent to a gunshot wound of the face. Patel M, et al. **J Natl Med Assoc** 1984 Oct; 76(10):1027–9

[Malignant degeneration of cutaneous leishmaniasis] Belkin BG, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):40–3 (Rus)

[Multiple basalioma in an asphalt-laying worker] Tsyrkunov LP. **Vestn Dermatol Venerol** 1985 Feb;(2):48–51 (Eng. Abstr.) (Rus)

FAMILIAL & GENETIC

Supraumbilical midabdominal raphe and facial cavernous hemangiomas. Igarashi M, et al. **Clin Genet** 1985 Feb; 27(2):196–8

Pretherapeutic flow cytometric DNA investigations in radiotherapy patients with maxillo-facial carcinomas. Müller RP, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep; 11(9):1613–9

HISTORY

Surgical treatment for facial hemangioma, 1834. Greenwood RD. **Ala Med** 1984 Sep;54(3):27

19th century medicine in Indiana. An 1869 clinical report by J. S. Bobbs. Greenwood RD. **Indiana Med** 1984 Jun; 77(6):476

IMMUNOLOGY

Midfacial T cell lymphoma: characterization by monoclonal antibodies. Yamanaka N, et al. **Ann Otol Rhinol Laryngol** 1985 Mar–Apr;94(2 Pt 1):207–11

[Clinical experiences with the tumor marker TPA in the maxillofacial region] Kärcher H. **Wien Klin Wochenschr** 1984 Oct 12;96(19):732–4 (Eng. Abstr.) (Ger)

METABOLISM

Glomus tumor of the cheek: an immunohistochemical demonstration of actin and myosin. Saku T, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):65–71

PATHOLOGY

Differentiation of 'melanocytic angiofibromas' (fibrous papules of the face) from early evolving malignant melanomas in situ in specimens removed by superficial shave technique. Nix M, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:163–7

A malignant neoplasm with features of both squamous cell carcinoma and malignant melanoma. Rosen LB, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:213–9

Vessel-nerve intermingling in benign infantile hemangioendothelioma [letter] Perrone T. **Hum Pathol** 1985 Feb;16(2):198–200

Solitary fibrofolliculoma. Scully K, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 2):361–3

The cutaneous pathology of facial lesions in Cowden's disease. Starink TM, et al. **J Cutan Pathol** 1984 Oct, 11(5):331–7

Bowenoid papulosis of the chin. Bart RS. **J Dermatol Surg Oncol** 1984 Oct;10(10):821–3

Jadassohn's sebaceous nevus. Serpas de López RM, et al. **J Dermatol Surg Oncol** 1985 Jan;11(1):68–72

Merkel cell carcinoma of the face. Case report and review of the literature. von Domarus H, et al. **J Maxillofac Surg** 1985 Feb;13(1):39–43

Regional odontodysplasia in epidermal nevus syndrome. Slootweg PJ, et al. **J Oral Pathol** 1985 Mar;14(3):256–62

The risk to the orbit in head and neck cancer. Conley J. **Laryngoscope** 1985 May;95(5):515–22

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 52-1984. An 86-year-old woman with chronic facial swelling. **N Engl J Med** 1984 Dec 27;311(26):1686–93

Orbito-facial extension of intracranial medulloblastoma. Kingsley DP, et al. **Neuroradiology** 1985;27(1):88

An unusual case of Sturge–Weber syndrome. Billson VR, et al. **Pathology** 1984 Oct;16(4):462–5

Histologic study of recurrent basal cell carcinoma. Dellon AL. **Plast Reconstr Surg** 1985 Jun;75(6):853–9

Prediction of recurrence in incompletely excised basal cell carcinoma. Dellon AL, et al. **Plast Reconstr Surg** 1985 Jun; 75(6):860–71

[Malignant blue nevus in Ota's nevus] Nödl F, et al. **Hautarzt** 1984 Aug;35(8):421–4 (Eng. Abstr.) (Ger)

[Histopathological and clinico-therapeutic aspects of cervicofacial nerve tumors] Dinu C, et al. **Rev Chir [Otorinolaringol]** 1984 Jul–Sep;29(3):161–8 (Eng. Abstr.) (Rum)

[Merkel-cell tumor] Bassas S, et al. **Med Cutan Ibero Lat Am** 1985;13(1):25–9 (Eng. Abstr.) (Spa)

PREVENTION & CONTROL

Prevention of neoplasms of the oral–maxillo–facial region: operative proposals. Tartaro S, et al. **Int J Oral Surg** 1985 Apr;14(2):216–8

RADIOGRAPHY

Computed tomography of the buccomasseteric region: 2. Pathology. Braun IF, et al. **AJNR** 1984 Sep–Oct;5(5):611–6

Surface reconstructions from computerized tomographic scans for evaluation of malignant skull destruction. Marsh JL, et al. **Am J Surg** 1984 Oct;148(4):530–3

Panoramic zonography in evaluation of recurrent basal cell carcinoma of the face. Hallikainen D, et al. **Eur J Radiol** 1984 Nov;4(4):285–7

Computed tomography appearances in the linear sebaceous naevus syndrome. Levin S, et al. **Neuroradiology** 1984; 26(6):469–72

RADIONUCLIDE IMAGING

[Peritumor interstitial double nuclide–double compound lymphoscintigraphy in the noninvasive detection of lymphatic metastases in tumors in the area of the face, skull and mouth cavities] Jung H, et al. **Fortschr Kiefer Gesichtschir** 1985;30:178–82 (Ger)

RADIOTHERAPY

Fast neutron treatment for malignant tumors of the facial area [letter] **Br Med J [Clin Res]** 1985 Feb 2; 290(6465):394–5

Interstitial therapy in the management of soft–tissue sarcomas in childhood. Novaes PE. **Med Pediatr Oncol** 1985; 13(4):221–4

SECONDARY

Renal cell carcinoma metastatic to skin. Lumpkin LR 3d, et al. **Cutis** 1984 Aug;34(2):143–4

Cutaneous angiosarcoma in a site of healed herpes zoster. Hudson CP, et al. **Int J Dermatol** 1984 Jul–Aug;23(6):404–7

SURGERY

Surgery for the extensive facial port–wine stain? Clodius L. **Aesthetic Plast Surg** 1985;9(2):61–8

Recurrent ameloblastoma: case report. Chiles DG, et al. **Alaska Med** 1985 Jan–Mar;27(1):4–6

Galeal–pericranial flaps in head and neck reconstruction. Anatomy and application. Horowitz JH, et al. **Am J Surg** 1984 Oct;148(4):489–97

Plastic incisions for facial and neck tumors. Appiani E, et al. **Ann Plast Surg** 1984 Oct;13(4):335–52

The crane principle revisited: application in the reconstruction of compound frontal defects. Wolfe SA. **Ann Plast Surg** 1984 Oct;13(4):327–34

Oblique forehead flap for total reconstruction of the nasal tip and columella. Baker SR, et al. **Arch Otolaryngol** 1985 Jul;111(7):425–9

Malignant melanoma in childhood. Flemming AF, et al. **Br J Plast Surg** 1985 Jul;38(3):432–4

Effect of argon laser radiation on vascular blemishes of the face. DiBartolomeo JR. **Ear Nose Throat J** 1984 Sep; 63(9):423–7

The trapezius musculocutaneous flap in head and neck reconstruction: potential pitfalls. Nichter LS, et al. **Head Neck Surg** 1984 Dec;7(2):129–34

Clinical evaluation and surgical treatment of hemangiomata. Pitanguy I, et al. **Head Neck Surg** 1984 Oct;7(1):47–59

Linear basal cell epithelioma. Lewis JE. **Int J Dermatol** 1985 Mar;24(2):124–5

Use of Burow's wedge principle for repair of wounds in or near the eyebrow. Gormley DE. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):344–9

Osteomyelitis complicating Mohs' chemosurgery. Snyder PA, et al. **J Am Acad Dermatol** 1984 Sep;11(3):513–6

Microcystic adnexal carcinoma treated by microscopically controlled excision. Fleischmann HE, et al. **J Dermatol Surg Oncol** 1984 Nov;10(11):873–5

Microscopically controlled surgery for periorbital melanoma: fixed–tissue and fresh–tissue techniques. Mohs FE. **J Dermatol Surg Oncol** 1985 Mar;11(3):284–91

Reconstruction of the midfacial region after cancer surgery. Tiwari R. **J Laryngol Otol** 1985 Aug;99(8):751–61

Intratumoral ligation in the management of orofacial cavernous haemangiomas. Popescu V. **J Maxillofac Surg** 1985 Jun;13(3):99–107

New technique for the argon laser in the treatment of port wine stains. Lee KJ, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):872–3

Facial prosthetics. McElroy TH, et al. **Mo Med** 1985 Apr; 82(4):203–5

Trichoepithelioma: successful treatment with the argon laser. Flores JT, et al. **Plast Reconstr Surg** 1984 Nov;74(5):694–8

[Maxillofacial desmoid tumor—report of 4 cases] Sun JY. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Sep;19(3):180–1 (Chi)

[Tumoral pathology of the craniomandibular field] Mousseau M, et al. **Ann Chir Plast Esthet** 1984;29(3):233–40 (Eng. Abstr.) (Fre)

[Pectoralis major myocutaneous flap in cervicofacial oncology. Apropos of 61 cases] Pessey JJ, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(6):463–5 (Eng. Abstr.) (Fre)

[Value of immediate prosthetic technics in hemiresections of the face] Rigaud A, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(6):451–4 (Eng. Abstr.) (Fre)

[Selected reconstructive technics in the surgery of cancers of the face] Lejour M, et al. **Bull Cancer (Paris)** 1985; 72(2):108–13 (Eng. Abstr.) (Fre)

[Recurrence following cryosurgical basalioma therapy] Sebastian G, et al. **Dermatol Monatsschr** 1985;171(1):38–44 (Eng. Abstr.) (Ger)

[Complications and sequelae of early childhood treatment of hemangiomas in the maxillofacial area] Hauenstein H, et al. **Fortschr Kiefer Gesichtschir** 1985;30:150–4 (Ger)

[3 years' experience with concentrated autogenous fibrin glue in plastic ENT surgery] Wolf G, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Feb;64(2):89–92 (Eng. Abstr.) (Ger)

[Treatment of malignant tumors of the skin of the face and head by a cryogenic method] Dorofeeva VI. **Stomatologiia (Mosk)** 1985 Mar–Apr;64(2):36–8 (Eng. Abstr.) (Rus)

THERAPY

Quality of life in treated head and neck cancer patients: a preliminary report. Morton RP, et al. **Clin Otolaryngol** 1984 Jun;9(3):181–5

The use of transarterial microembolization in the management of hemangiomas of the perioral region. Braun IF, et al. **J Oral Maxillofac Surg** 1985 Apr;43(4):239–48

An example of a pragmatic trial in the treatment of basocellular carcinoma of the skin. Sancho–Garnier H, et al. **Rev Epidemiol Sante Publique** 1984;32(3–4):249–53

[Experience treating 30 cases of oromaxillofacial non–Hodgkin's lymphoma] Qiu W. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):78–80, 126 (Eng. Abstr.) (Chi)

[Non–Hodgkin's malignant lymphoma with cervicofacial expression. Modulation of the radiotherapy–chemotherapy combination according to the cytological class] Bolla M, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(8):621–5 (Eng. Abstr.) (Fre)

[Angiomatous lesions of the cervicofacial region. Apropos of 7 cases] Traissac L, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(8):585–7 (Eng. Abstr.) (Fre)

[Prognostic factors in the treatment of inoperable orofacial tumors with simultaneous radiotherapy and intra–arterial chemotherapy] Szepesi T, et al. **Strahlentherapie** 1985 May; 161(5):299–307 (Eng. Abstr.) (Ger)

[Use of 6–methylprednisolone in maxillofacial surgery] Ferrari Parabita G, et al. **Minerva Stomatol** 1985 Mar–Apr; 34(2):313–5 (Eng. Abstr.) (Ita)

ULTRASTRUCTURE

Cutaneous postirradiation sarcoma. Ultrastructural evidence of pluripotential mesenchymal cell derivation. Seo IS, et al. **Cancer** 1985 Aug 15;56(4):761–7

Dermal Merkel cells in the nevus of Ota and leopard syndrome. Ono T, et al. **J Am Acad Dermatol** 1984 Aug; 11(2 Pt 1):245–9

FACIAL NERVE

Neuro-otology and skull base surgery. **Adv Otorhinolaryngol** 1984;34:1–279

Facial paralysis in a child due to facial nerve neurilemmoma. Sengupta P, et al. **J Indian Med Assoc** 1984 Nov; 82(11):404–5, 411

Pressure neuropathy of the facial nerve: A case report with light and electron microscopic findings. Ylikoski J, et al. **J Laryngol Otol** 1984 Sep;98(9):909–14

Intraoperative brain–stem auditory evoked potentials during posterior fossa microvascular decompression. Friedman WA, et al. **J Neurosurg** 1985 Apr;62(4):552–7

Seventh nerve spasm: effect of modification of cholinergic balance. Hughes EC, et al. **Otolaryngol Head Neck Surg** 1980 Jul–Aug;88(4):491–9

Granular cell tumor of facial nerve diagnosed at surgery for idiopathic facial nerve paralysis. May M, et al. **Otolaryngol Head Neck Surg** 1985 Feb;93(1):122–6

Intrapetrous neurinomas of the facial nerve. Report of three cases. Murata T, et al. **Surg Neurol** 1985 May;23(5):507–12

[Microsurgical cure of the cause of facial hemispasm] Zvěřina E. **Cas Lek Cesk** 1985 Mar 1;124(9):263–5 (Eng. Abstr.) (Cze)

[Treatment of facial hemispasm by microvascular decompression of nerve VII] Zvěřina E. **Cesk Neurol Neurochir** 1984 Nov;47(6):350–5 (Eng. Abstr.) (Cze)

[Malignant chemodectoma of the intrapetrous facial nerve] Camuzet JP, et al. **Ann Otolaryngol Chir Cervicofac** 1985; 102(2):109–14 (Eng. Abstr.) (Fre)

[Multiple neurinomas of the facial nerve: considerations on a case and review of the literature] Casolino D, et al. **Acta Otorhinolaryngol Ital** 1984 Jan–Feb;4(1):93–103 (Eng. Abstr.) (Ita)

[A statistical analysis of block therapy for hemifacial spasm] Takahashi T, et al. **Masui** 1985 Mar;34(3):335–8 (Eng. Abstr.) (Jpn)

[Facial palsy of a short duration induced by compressing the extratemporal facial nerve] Fujita H. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Mar;88(3):304–10 (Eng. Abstr.) (Jpn)

[Prevention of post–neuritic facial contracture by electric stimulation] Ishchuk AI, et al. **Vrach Delo** 1985 Jun;(6):82–3 (Eng. Abstr.) (Rus)

ANATOMY & HISTOLOGY

Nerve fiber caliber analysis in the mouse facial trunk distal to the stylomastoid foramen with the electron microscope. Shimozawa A, et al. **Anat Anz** 1984;157(2):113–26

A method of using the tympanomastoid fissure to find the facial nerve at parotidectomy. Robertson MS, et al. **Aust NZ J Surg** 1984 Aug;54(4):369–73

The distribution of lymph nodes in and around the parotid gland: an anatomical study. McKean ME, et al. **Br J Plast Surg** 1985 Jan;38(1):1–5

Mesencephalic projections to the facial nucleus in the cat. An autoradiographical tracing study. Holstege G, et al. **Brain Res** 1984 Oct 8;311(1):7–22

Examination of geniculate ganglion cells contributing sensory fibers to the rat facial 'motor' nerve. Semba K, et al. **Brain Res** 1984 Aug 13;308(2):354–9

Are cat lingual muscles dually innervated by the hypoglossal nerve and facial nerve? Satomi H, et al. **Exp Neurol** 1985 Mar;87(3):578–82

Topography of the facial nerve in the stylomastoid fossa. Kukwa A, et al. **Folia Morphol** 1984;43(4):311–4

Innervation of the complexus ('hatching') muscle of the chick. Gross GH. **J Comp Neurol** 1985 Feb 8;232(2):180–9

Representation of whisker follicle intrinsic musculature in the facial motor nucleus of the rat. Klein BG, et al. **J Comp Neurol** 1985 Feb 1;232(1):55–69

Reflex connections of the facial and vagal gustatory systems in the brainstem of the bullhead catfish, Ictalurus nebulosus. Morita Y, et al. **J Comp Neurol** 1985 Jan 22;231(4):547–58

Identification of stapedius muscle motoneurons in squirrel monkey and bush baby. Thompson GC, et al. **J Comp Neurol** 1985 Jan 8;231(2):270–9

The motor innervation of the single–bellied digastric muscle in the rabbit: a retrograde horseradish peroxidase study. Baisden RH, et al. **Neurosci Lett** 1985 May 14;56(2):129–36

Localization of motoneurons innervating the muscle of the hard palate in the rat: a horseradish peroxidase study. Jüch PJ, et al. **Neurosci Lett** 1984 Jul 27;48(2):239–43

Distribution of premotor neurons for orbicularis oculi motoneurons in the cat, with particular reference to possible pathways for blink reflex. Takada M, et al. **Neurosci Lett** 1984 Sep 7;50(1–3):251–5

Facial nerve identification in children. Farrior JB, et al. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):173–6

The extratemporal facial nerve. Proctor B. **Otolaryngol Head Neck Surg** 1984 Oct;92(5):537–45

[The peripheral facial nerve: anatomo–clinical findings] Messerotti G, et al. **Acta Otorhinolaryngol Ital** 1984 Jan–Feb;4(1):105–9 (Eng. Abstr.) (Ita)

[Diffusion route of Indian ink injected into the facial nerve trunk at the entrance of the stylomastoid foramen of rabbits] Ikeda M. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Aug; 87(8):969–80 (Eng. Abstr.) (Jpn)

[Anatomy of the facial nerve canal with regard to microsurgery of the ear] Romanenko DA. **Vestn Otorinolaringol** 1985 Mar–Apr;(2):36–40 (Eng. Abstr.) (Rus)

[Anatomic variations and anomalies in the tympanic and mastoid part of the facial canal of importance in surgery] Savić D, et al. **Srp Arh Celok Lek** 1984 Jun;112(6):657–72 (Eng. Abstr.) (Scr)

BLOOD SUPPLY

Vascular supply of the facial canal in the rat: a scanning electron microscopic study with the microcorrosive technique. Bagger–Sjöbäck D, et al. **Am J Otol** 1985 Mar; 6(2):135–41

Tic convulsif: results in 11 cases treated with microvascular decompression of the fifth and seventh cranial nerves. Cook BR, et al. **J Neurosurg** 1984 Nov;61(5):949–51

CYTOLOGY

Nerve fiber caliber analyses in the mouse ramus digastricus and rami stylohyoidei with the electron microscope. Shimozawa A, et al. **Anat Anz** 1985;158(1):87–108

Number and distribution of stapedius motoneurons in cats. Joseph MP, et al. **J Comp Neurol** 1985 Feb 1;232(1):43–54

Morphology of motoneurons in a mixed motor pool of the cat facial nucleus that innervate orbicularis oculis and quadratus labii superioris, stained intracellularly with horseradish peroxidase. Shaw MD, et al. **Neuroscience** 1985 Feb;14(2):627–43

ENZYMOLOGY

Cholinesterases in single nerve cells isolated from the locus ceruleus and from nucleus of the facial nerve of the rat:

a microgasometric study. Sket D, et al. **J Neurochem** 1985 Jul;45(1):319–23

INJURIES

Traumatic facial paralysis. Scaramella LF.
Acta Otorhinolaryngol Ital 1984 Sep–Oct;4(5):549–65

Neonatal facial nerve extirpations fail to produce alterations in the barrel field in the primary somatosensory cortex of mice. Rice FL. **Brain Res** 1984 Nov 26;322(2):393–5

Facial nerve damage in the treatment of tumours of the parotid gland. Rampling R, et al. **Clin Oncol** 1984 Dec; 10(4):345–51

Management of temporal nerve injuries. Grabski WJ, et al. **J Dermatol Surg Oncol** 1985 Feb;11(2):145–51

Facial nerve injury during surgery of the temporomandibular joint: a comparison of two dissection techniques. Hall MB, et al. **J Oral Maxillofac Surg** 1985 Jan;43(1):20–3

Reconstruction of the facial nerve in acoustic neurinoma surgery. Juxtapontine–intratemporal nerve graft.
Perneczky A, et al. **Neurol Res** 1984 Sep;6(3):139–44

Effect of facial nerve transection on acetylcholinesterase, choline acetyltransferase and [3H]quinuclidinyl benzilate binding in rat facial nuclei. Hoover DB, et al.
Neuroscience 1985 Jun;15(2):481–7

[Results following surgical therapy of injuries of the inferior alveolar, lingual and facial nerves] Schmelzle R.
Fortschr Kiefer Gesichtschir 1985;30:59–61 (Ger)

[Neurofibroma of the submandibular gland complicated by iatrogenic transient central facial nerve paralysis] Prandota J, et al. **Pol Tyg Lek** 1985 Apr 8–15;40(14–15):425–6 (Eng. Abstr.) (Pol)

[Microsurgical treatment of traumatic injuries of the facial nerve] Ferreira MC, et al. **AMB** 1984 Sep–Oct; 30(9–10):204–7 (Eng. Abstr.) (Por)

METABOLISM

Origin and fine structure of substance P–containing nerve terminals in the facial nucleus of the rat: an immunohistochemical study. Senba E, et al.
Exp Brain Res 1985;57(3):537–46

PHYSIOLOGY

Evoked responses from peripheral stimulation of the facial nerve. Hanson DG, et al. **Am J Otolaryngol** 1985 Mar–Apr; 6(2):98–102

Electrophysiologic studies of the facial reflexes of the dog. Whalen LR. **Am J Vet Res** 1985 Jan;46(1):229–34

Effects of VIIth (facial) nerve degeneration on vasoactive intestinal polypeptide and substance P levels in ocular and orbital tissues of the rabbit. Butler JM, et al.
Exp Eye Res 1984 Oct;39(4):523–32

Characteristics of uveal vasodilation produced by facial nerve stimulation in monkeys, cats and rabbits. Nilsson SF, et al. **Exp Eye Res** 1985 Jun;40(6):841–52

Arterial pressure– and cardiac rhythm–related single–neuron activities in the nucleus reticularis gigantocellularis of the rat. Chan SH. **J Auton Nerv Syst** 1985 Jun;13(2):99–109

Efferent projections of the neonatal cat superior colliculus: facial and cerebellum–related brainstem structures. Stein BE, et al. **J Comp Neurol** 1984 Nov 20;230(1):47–54

Facial electroneuronography: action potential amplitude and latency studies in 50 normal subjects. Redhead J, et al. **J Laryngol Otol** 1985 Apr;99(4):369–72

Respiratory activation of the facial nerve and alar muscles in anaesthetized dogs. Strohl KP. **J Physiol (Lond)** 1985 Jun;363:351–62

Peculiarities of cerebellar excitation of facial nucleus motoneurons. Fanardjian VV, et al. **Neurosci Lett** 1984 Aug 31;49(3):265–70

[Postsynaptic potentials of the motor neuron of the facial nerve nucleus evoked by stimulation of the cerebellar nuclei] Fanardzhian VV, et al. **Fiziol Zh SSSR** 1984 Sep; 70(9):1272–9 (Eng. Abstr.) (Rus)

PHYSIOPATHOLOGY

Comparison of auditory evoked potentials, trigemino–facial reflex and electronystagmography in the assessment of site of brain stem lesions in multiple sclerosis. Sartucci F, et al. **Acta Neurol (Napoli)** 1984 Dec;6(6):432–41

Pre– and postoperative facial nerve testing in patients with acoustic neuromas. Thomsen J, et al.
Acta Otolaryngol (Stockh) 1985 Mar–Apr;99(3–4):239–44

Preparalytic condition of the facial nerve detected by evoked electromyography. Takahashi H, et al.
Acta Otolaryngol [Suppl] (Stockh) 1984;419:163–6

Diagnostic methods in facial nerve pathology. Manni JJ, et al. **Adv Otorhinolaryngol** 1984;34:202–13 (37 ref.)

Synkinesis in hemifacial spasm: results of recording intracranially from the facial nerve. Møller AR, et al.
Experientia 1985 Mar 15;41(3):415–7

Use of antidromic recording to monitor facial nerve function intraoperatively. Richmond IL, et al. **Neurosurgery** 1985 Apr;16(4):458–62

Facial nerve grading system. House JW, et al.
Otolaryngol Head Neck Surg 1985 Apr;93(2):146–7

Acoustic tumors: preoperative measurement and correlation with postoperative facial nerve function. Ruth HR, et al. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):160–3

[Electromyography study of facial nerve function in the diagnosis of acoustic neuroma] Fel'berbaum RA.
Vestn Otorinolaringol 1985 Jan–Feb;(1):38–41 (Eng. Abstr.) (Rus)

RADIOGRAPHY

Normal and pathologic radiographic anatomy of the motor innervation of the face. Chakeres DW, et al. **AJNR** 1984 Sep–Oct;5(5):591–7

Peripheral facial nerve dysfunction: CT evaluation. Disbro MA, et al. **Radiology** 1985 Jun;155(3):659–63

The facial nerve canal: CT analysis of the protruding tympanic segment. Swartz JD. **Radiology** 1984 Nov; 153(2):443–7

[Neuroradiological study of the intrapetrous facial nerve and its pathology] Doyon D.
Rev Laryngol Otol Rhinol (Bord) 1985;106(1):49–55 (Eng. Abstr.) (Fre)

[Facial nerve neurinoma—report of 2 cases] Ryu H, et al. **No Shinkei Geka** 1985 Feb;13(2):225–31 (Eng. Abstr.) (Jpn)

SURGERY

Neurovascular decompression for hemifacial spasm. Saito H. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:149–54

Indications for facial nerve surgery. Stennert E.
Adv Otorhinolaryngol 1984;34:214–26

Preservation and reconstruction of the facial nerve after translabyrinthine removal of 200 acoustic neuromas. Tos M, et al. **Adv Otorhinolaryngol** 1984;34:176–86

Bell's palsy: delayed recovery after one year with surgical confirmation. Graham MD. **Am J Otol** 1985 Mar;6(2):132–4

Hypoglossal–facial nerve anastomosis: a review of forty cases caused by facial nerve injuries in the posterior fossa. Gavron JP, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1447–50

Idiopathic (Bell's) facial palsy: natural history defies steroid or surgical treatment. May M, et al. **Laryngoscope** 1985 Apr;95(4):406–9

Microvascular decompression in hemifacial spasm: intraoperative electrophysiological observations. Møller AR, et al. **Neurosurgery** 1985 May;16(5):612–8

Selective facial neurectomy for spastic disorders of the facial nerve. Spector GJ. **Otolaryngol Head Neck Surg** 1985 Apr; 93(2):168–73

Posttraumatic unilateral blepharospasm treated by selective facial neurectomy. Wexler MR, et al.
Plast Reconstr Surg 1985 Jul;76(1):114–7

[Microsurgical reconstruction of the facial nerve] Tabakov D, et al. **Cesk Neurol Neurochir** 1984 Nov;47(6):356–61 (Eng. Abstr.) (Cze)

[A successful autotransplant substitution of the facial nerve after parotidectomy followed by actinotherapy] Novák V, et al. **Cesk Otolaryngol** 1984 Jul;33(4):251–6 (Eng. Abstr.) (Cze)

[Restoration of facial function following intratemporal surgery] Liong–A–Jin KJ, et al. **Ned Tijdschr Geneeskd** 1985 Jul 20;129(29):1381–5 (Eng. Abstr.) (Dut)

[Decompression of the facial nerve for frigorific paralysis 25 years previously, with clinical and electrical recovery of the motor function of the nerve] Berezin A, et al.
Ann Otolaryngol Chir Cervicofac 1985;102(5):383 (Fre)

[Comparative studies on 1– and 2–stage procedures for facio–facial anastomosis in an animal experiment] Hausamen JE, et al. **Zahn Mund Kieferheilkd** 1985; 73(2):148–54 (Eng. Abstr.) (Ger)

FACIAL NERVE DISEASES

CLASSIFICATION

Classification of facial nerve disorders. Spector GJ.
Laryngoscope 1985 Jan;95(1):100–3

DRUG THERAPY

[Treatment of primary neuritis of the facial nerve with compresses of dimexide and nicotinic acid] Farber FM. **Zh Nevropatol Psikhiatr** 1984;84(8):1161–3 (Eng. Abstr.) (Rus)

ETIOLOGY

Facial nerve meeting in Bordeaux [letter] McGovern FH.
Arch Otolaryngol 1985 May;111(5):349

[Zona of the facial nerve] Peiffer R, et al.
Acta Stomatol Belg 1985 Jun;82(2):131–41 (Fre)

[Vegetative–vascular and trophic disorders in trigeminal neuralgia and their treatment] Tebloev IK, et al.
Sov Med 1984;(10):80–3 (Rus)

PHYSIOPATHOLOGY

Enhanced auditory postauricular evoked responses after corticobulbar lesions. Hammond EJ, et al. **Neurology** 1985 Feb;35(2):278–81

RADIOGRAPHY

Normal and pathologic radiographic anatomy of the motor innervation of the face. Chakeres DW, et al. **AJNR** 1984 Sep–Oct;5(5):591–7

Peripheral facial nerve dysfunction: CT evaluation. Disbro MA, et al. **Radiology** 1985 Jun;155(3):659–63

[Neuroradiological study of the intrapetrous facial nerve and its pathology] Doyon D.
Rev Laryngol Otol Rhinol (Bord) 1985;106(1):49–55 (Eng. Abstr.) (Fre)

SURGERY

Microvascular decompression in hemifacial spasm: intraoperative electrophysiological observations. Møller AR, et al. **Neurosurgery** 1985 May;16(5):612–8

Selective facial neurectomy for spastic disorders of the facial nerve. Spector GJ. **Otolaryngol Head Neck Surg** 1985 Apr; 93(2):168–73

[Anatomy of the facial nerve canal with regard to microsurgery of the ear] Romanenko DA.
Vestn Otorinolaringol 1985 Mar–Apr;(2):36–40 (Eng. Abstr.) (Rus)

THERAPY

[Rational medical and surgical therapy of essential facial hemispasm. Experiences in 21 cases] Borromei A, et al. **Minerva Med** 1984 Oct 27;75(41):2421–35 (Eng. Abstr.) (Ita)

[Treatment of patients with primary facial neuritis] Lovzin VS, et al. **Voen Med Zh** 1985 Jan;(1):62–3 (Rus)

[Hyperbaric oxygenation in the treatment of facial neuritis] Litavrin AF, et al. **Zh Nevropatol Psikhiatr** 1985; 85(4):528–31 (Eng. Abstr.) (Rus)

FACIAL NEURALGIA

COMPLICATIONS

[The cervico–cranial syndrome in the practice of the otorhinolaryngologist] Terrahe K.
Laryngol Rhinol Otol (Stuttg) 1985 Jun;64(6):292–9 (Eng. Abstr.) (Ger)

DIAGNOSIS

Brainstem auditory evoked potentials in atypical facial neuralgia. Ramani V. **J Oral Maxillofac Surg** 1985 Jan; 43(1):35–7

ETIOLOGY

Chronic glossopharyngeal neuralgic pain associated with mucoepidermoid carcinoma. Pickell G.
Can Med Assoc J 1985 Sep 15;133(6):579–80

Atypical facial pain: a reappraisal. Reik L Jr. **Headache** 1985 Jan;25(1):30–2

[Trigeminal involvement and peripheral facial paralysis caused by Arnold–Chiari malformation with hydrocephalus] Uldry PA, et al. **Neurochirurgie** 1985; 31(1):73–5 (Eng. Abstr.) (Fre)

RADIOTHERAPY

[Use of a helium–neon laser in facial pains] Lukashevich IG. **Stomatologiia (Mosk)** 1985 Jan–Feb;64(1):29–31 (Eng. Abstr.) (Rus)

SURGERY

Further observations on dental parameters of trigeminal and atypical facial neuralgias. Roberts AM, et al.
Oral Surg Oral Med Oral Pathol 1984 Aug;58(2):121–9

[Trigeminal neurotrophic ulceration after thermocoagulation of Gasser's ganglion: apropos of a case with involvement of 3 areas of the trigeminal nerve] Roger H, et al.
Ann Dermatol Venereol 1985;112(4):359–62 (Fre)

[Results of percutaneous selective thermocoagulation of Gasser's ganglion in essential facial neuralgia. Synthesis of results obtained in 939 treated patients] Frank F, et al.
Neurochirurgie 1985;31(3):179–82 (Eng. Abstr.) (Fre)

[Treatment of facial neuralgia: apropos of 220 cases] Laporte A, et al. **Rev Laryngol Otol Rhinol (Bord)** 1985;106(1):11–5 (Eng. Abstr.) (Fre)

[Current neurosurgical treatment of facial neuralgia] Sindou M, et al. **Rev Laryngol Otol Rhinol (Bord)** 1985;106(1):19–24 (Eng. Abstr.) (Fre)

[Treatment and prevention of neuralgiform pains following facial fenestration of the maxillary sinus] Herzog M, et al.
Fortschr Kiefer Gesichtschir 1985;30:136–8 (Ger)

[Treatment of chronic pain conditions as operative sequelae] Müller T, et al. **Fortschr Kiefer Gesichtschir** 1985;30:188–90 (Ger)

THERAPY

Management of post–herpetic neuralgia. Parris WC.
J Tenn Med Assoc 1984 Oct;77(10):575–8

[Experience with the conservative management of facial neuralgia] Gáspár L. **Fogorv Sz** 1985 Jun;78(6):172–5 (Eng. Abstr.) (Hun)

[Treatment of facial neuritis patients with decimeter waves] Antropova NM, et al.
Vopr Kurortol Fizioter Lech Fiz Kult 1984 Jul–Aug;(4):33–5 (Eng. Abstr.) (Rus)

[Use of a modified method of electrosleep in the treatment of neurostomatological diseases] Grechko VE, et al.
Vopr Kurortol Fizioter Lech Fiz Kult 1984 Sep–Oct; (5):37–40 (Eng. Abstr.) (Rus)

FACIAL PARALYSIS

Bell's palsy in children. Devriese PP.

Acta Otorhinolaryngol Belg 1984;38(3):261–7

Anesthetic management of a patient with Moebius syndrome. Krajcirik WJ, et al. **Anesth Analg** 1985 Mar;64(3):371–2

CEREBROSPINAL FLUID

Peripheral facial palsy in children. A cerebrospinal fluid study. Sandstedt P, et al. **Acta Paediatr Scand** 1985 Mar; 74(2):281–5

CLASSIFICATION

Facial nerve grading system. House JW, et al. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):146–7

[Etiologico-topographic classification of peripheral facial paralysis] Gligorović S, et al. **Srp Arh Celok Lek** 1984 Jul–Aug;112(7–8):793–808 (Eng. Abstr.) (Scc)

COMPLICATIONS

Facioscapulohumeral dystrophy presenting in infancy with facial diplegia and sensorineural deafness. Korf BR, et al. **Ann Neurol** 1985 May;17(5):513–6

Acne secondary to white petrolatum use [letter] English JS, et al. **Arch Dermatol** 1985 Oct;121(10):1240

Chewing oscillopsia [letter] Boyson SJ. **Arch Neurol** 1984 Nov;41(11):1129

Association between Bell's palsy and lymphoid malignancies. Cartwright RA, et al. **Leuk Res** 1985;9(1):31–3

[Malocclusion in children with strabismus and selected congenital syndromes] Jakubiak T, et al. **Klin Oczna** 1984 Sep;86(9):391–3 (Eng. Abstr.) (Pol)

[Primary and post-paralytic facial hemispasm. Clinical aspects and pathogenetic neurophysiologic mechanisms] Esteban AA, et al. **Arch Neurobiol (Madr)** 1984 Nov–Dec; 47(6):331–46 (Eng. Abstr.) (Spa)

CONGENITAL

Anotia, facial paralysis, and heart disease [letter] Hall BD. **J Pediatr** 1985 Mar;106(3):532

Poland-Möbius syndrome: evaluation by computerized tomography. Hopper KD, et al. **South Med J** 1985 May; 78(5):523–7

[Congenital disorders of the oculomotor system among our cases. I. Stilling-Türk-Duane syndrome and Möbius' syndrome] Krzystkowa KM, et al. **Klin Oczna** 1984 Sep; 86(9):379–81 (Eng. Abstr.) (Pol)

DIAGNOSIS

Preparalytic condition of the facial nerve detected by evoked electromyography. Takahashi H, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:163–6

Combined use of integrated electromyography and score rating method for evaluation and prognosis of facial paralysis. Yagi N, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:155–62

Diagnostic methods in facial nerve pathology. Manni JJ, et al. **Adv Otorhinolaryngol** 1984;34:202–13 (37 ref.)

Prognostic value of electrical tests in acute facial paralysis. Fisch U. **Am J Otol** 1984 Oct;5(6):494–8 (8 ref.)

Quantitative electroneurography: assessment of facial nerve palsy. McLaren T, et al. **Australas Phys Eng Sci Med** 1984 Jul–Sep;7(3):104–7

Cephalic tetanus presenting with Bell's palsy [letter] Mayo J, et al. **J Neurol Neurosurg Psychiatry** 1985 Mar;48(3):290

Wernicke-Korsakoff syndrome with bilateral facial nerve palsies [letter] Rice JP, et al. **J Neurol Neurosurg Psychiatry** 1984 Dec;47(12):1356–7

[Glossitis in the area supplied by the chorda tympani nerve in peripheral facial paralysis. Early symptom of the Melkersson-Rosenthal syndrome?] Berlit P, et al. **Hautarzt** 1984 Oct;35(10):536–8 (Eng. Abstr.) (Ger)

[Facial palsy following head injury: topognosis, prognosis and indications for surgical decompression] Yamamoto T, et al. **No Shinkei Geka** 1984 Jun;12(7):807–13 (Eng. Abstr.) (Jpn)

[Clinical study of seven patients with facial diplegia. Its differentiation between Bell's palsy and variant form of Guillain-Barré syndrome] Saito T, et al. **Rinsho Shinkeigaku** 1984 Jul;24(7):670–8 (Eng. Abstr.) (Jpn)

DRUG THERAPY

Current medical treatment for facial palsy. Adour KK, et al. **Am J Otol** 1984 Oct;5(6):499–502

Bell's palsy: the steroid controversy revisited. Burgess LP, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1472–6

Re: Bell's palsy: the steroid controversy revisited [letter] Devriese PP. **Laryngoscope** 1985 Apr;95(4):484–5

Blepharospasm, Meige syndrome, and hemifacial spasm: treatment with botulinum toxin. Mauriello JA Jr. **Neurology** 1985 Oct;35(10):1499–500

ETIOLOGY

A 16-month-old boy with infectious mononucleosis, parotitis and Bell's palsy. Andersson J, et al. **Acta Paediatr Scand** 1985 Jul;74(4):629–32

Facial palsy [letter] Asbrink E, et al. **Arch Otolaryngol** 1985 May;111(5):349

Facial palsy in lymphocytic meningoradiculitis (Bannwarth's syndrome). Bomholt A. **Arch Otolaryngol** 1984 Nov; 110(11):763–4

Facial palsy in Bannwarth's syndrome: a tick-borne spirochetosis [letter] Einhaeupl K, et al. **Arch Otolaryngol** 1985 Aug;111(8):557

Lyme disease. A cause of bilateral facial paralysis. Glasscock ME 3d, et al. **Arch Otolaryngol** 1985 Jan;111(1):47–9

Facial nerve palsy associated with Warthin's tumor. Lesser RW, et al. **Arch Otolaryngol** 1985 Aug;111(8):548–9

Analysis of fifty cases of facial palsy due to otitis media. Takahashi H, et al. **Arch Otorhinolaryngol** 1985; 241(2):163–8

Bell's Palsy associated with hypothyroidism. Cox NH, et al. **Br J Clin Pract** 1985 Apr;39(4):158–9

Bilateral facial nerve paralysis associated with Mycoplasma pneumonia infection. Ernster JA. **Ear Nose Throat J** 1984 Dec;63(12):585–90

Osteoblastoma of the temporal bone presenting as facial paralysis. Naclerio RM, et al. **Int J Pediatr Otorhinolaryngol** 1985 Mar;8(3):253–62

Facial paralysis due to primary tuberculosis of the parotid gland. Yaniv E, et al. **Int J Pediatr Otorhinolaryngol** 1985 Jul;9(2):195–6

Facial paralysis in a child due to facial nerve neurilemmoma. Sengupta P, et al. **J Indian Med Assoc** 1984 Nov; 82(11):404–5, 411

BIPP allergy causing facial paralysis. Jones PH. **J Laryngol Otol** 1985 Apr;99(4):389–90

A benign middle-ear adenoma producing facial paralysis. Knight JR, et al. **J Laryngol Otol** 1985 Aug;99(8):809–12

An unusual presentation of acoustic neuroma. Terry RM. **J Laryngol Otol** 1985 Jun;99(6):593–5

Pressure neuropathy of the facial nerve: A case report with light and electron microscopic findings. Ylikoski J, et al. **J Laryngol Otol** 1984 Sep;98(9):909–14

Facial palsy following stapedectomy: (a case report). Zohar Y, et al. **J Laryngol Otol** 1985 Apr;99(4):387–8

A case of adult T-cell leukemia initiated with central nervous system symptoms. Aoyagi K, et al. **Jpn J Clin Oncol** 1984 Dec;14(4):685–90

Allegations of negligence against surgeon dismissed on appeal. Brahams D. **Lancet** 1985 May 25;1(8439):1227–8

Peripheral facial nerve paralysis after local dental anesthesia. Ling KC. **Oral Surg Oral Med Oral Pathol** 1985 Jul; 60(1):23–4

Acoustic tumors. preoperative measurement and correlation with postoperative facial nerve function. Ruth HR, et al. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):160–3

'Bell's palsy' in accelerated hypertension. Lavin PJ, et al. **Postgrad Med** 1985 Jun;77(8):165, 168

Another cause of facial nerve palsy [letter] Sheriff DS. **Postgrad Med** 1985 Apr;77(5):54

[Therapeutic approach with a pregnant woman with facial paralysis caused by a cholesteatoma] Lacroix A. **Acta Otorhinolaryngol Belg** 1984;38(4):371–9 (Eng. Abstr.) (Fre)

[Zona of the facial nerve] Peiffer R, et al. **Acta Stomatol Belg** 1985 Jun;82(2):131–41 (Fre)

[Chemodectoma. Apropos of a case located on the course of the inferior dental nerve] Burg J, et al. **Rev Stomatol Chir Maxillofac** 1985;86(1):46–8 (Eng. Abstr.) (Fre)

[Effect of operative technic on the development of postoperative facial paralysis and the auriculotemporal syndrome in parotid surgery] Roscic Z, et al. **Fortschr Kiefer Gesichtschir** 1985;30:61–4 (Ger)

[Neurological presenting symptoms in sarcoidosis] Rubinstein I, et al. **Harefuah** 1983 Oct 16;105(8):210–1 (Eng. Abstr.) (Heb)

[Facial palsy of a short duration induced by compressing the extratemporal facial nerve] Fujita H. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Mar;88(3):304–18 (Eng. Abstr.) (Jpn)

[Bilateral facial palsy complicating infectious mononucleosis in infancy] Esumi N, et al. **No To Hattatsu** 1984 Jul; 16(4):301–8 (Eng. Abstr.) (Jpn)

[A clinical study for pathogenesis of idiopathic peripheral facial palsy] Honda H, et al. **Rinsho Shinkeigaku** 1985 Mar; 25(3):364–71 (Eng. Abstr.) (Jpn)

[Otologic complications of head injuries] Sekula J, et al. **Otolaryngol Pol** 1985;39(1):1–6 (Eng. Abstr.) (Pol)

[Simultaneous bilateral facial paralysis] Almagro JL, et al. **An Otorrinolaringol Ibero Am** 1985;12(2):147–56 (Eng. Abstr.) (Spa)

FAMILIAL & GENETIC

Familial Bell's palsy. Samuel J. **J Laryngol Otol** 1984 Oct; 98(10):977–9

OCCURRENCE

[Case of occupational paralysis of the facial muscles in a trumpet player] Gratsinskaia LN, et al. **Gig Tr Prof Zabol** 1984 Nov;(11):57–8 (Rus)

PATHOLOGY

Morphology of denervated human facial muscles. Schwarting S, et al. **ORL J Otorhinolaryngol Relat Spec** 1984; 46(5):248–56

[Bilateral cholesteatoma with the tympanum intact and bilateral facial paralysis] Hociotă D, et al. **Rev Chir [Otorinolaringol]** 1984 Oct–Dec;29(4):293–7 (Eng. Abstr.) (Rum)

PHYSIOPATHOLOGY

Pre- and postoperative facial nerve testing in patients with acoustic neuromas. Thomsen J, et al. **Acta Otolaryngol (Stockh)** 1985 Mar–Apr;99(3–4):239–44

Bell's palsy and pupillary response. Mori H, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:143–8

Bell's palsy: a polyneuropathy. Nieuwmeyer PA, et al. **Am J Otol** 1985 May;6(3):250–2

Color electromyographic topographic analysis of facial movements. Ohyama M, et al. **Am J Otolaryngol** 1985 May–Jun;6(3):185–90

A new lid sign in seventh nerve palsy. Arrigg P, et al. **Ann Ophthalmol** 1985 Jan;17(1):43–5

Bell's palsy in children. Cases of progressive facial nerve degeneration. Jenkins HA, et al. **Ann Otol Rhinol Laryngol** 1985 Jul–Aug;94(4 Pt 1):331–6

Prognostic determination and submandibular function in Bell's palsy. Dynamic testing with technetium Tc 99m. Yamashita T, et al. **Arch Otolaryngol** 1985 Apr;111(4):244–8

Peripheral nerve involvement in Bell's palsy. Bueri JA, et al. **Arq Neuropsiquiatr** 1984 Dec;42(4):341–5

Measurement of auditory brain stem potentials in Bell's palsy. Shanon E, et al. **Laryngoscope** 1985 Feb;95(2):206–9

Neural pathways mediating the corneal blink reflex and Bell's phenomenon in the cat. Ogasawara K. **Neurosci Res** 1985 Jun;2(5):309–20

[Blink reflex in facial paralysis] Gevaert M, et al. **Acta Belg Med Phys** 1985 Jan–Mar;8(1):65–8 (Eng. Abstr.) (Dut)

PREVENTION & CONTROL

Prevention and management of iatrogenic facial palsy. Graham MD. **Am J Otol** 1984 Oct;5(6):513

SURGERY

Traumatic facial paralysis. Scaramella LF. **Acta Otorhinolaryngol Ital** 1984 Sep–Oct;4(5):549–65

Indications for facial nerve surgery. Stennert E. **Adv Otorhinolaryngol** 1984;34:214–26

Bell's palsy: delayed recovery after one year with surgical confirmation. Graham MD. **Am J Otol** 1985 Mar;6(2):132–4

Indications for surgery for Bell's palsy. May M, et al. **Am J Otol** 1984 Oct;5(6):503–12

A new concept in management of facial palsy. Michlke A, et al. **Am J Otol** 1984 Oct;5(6):516–9

Transmastoid extralabyrinthine approach in traumatic facial palsy. Zini C, et al. **Am J Otol** 1985 May;6(3):216–21

Temporalis muscle-galea flap in facial reanimation. Mathog RH, et al. **Arch Otolaryngol** 1985 Mar;111(3):168–73

Facial nerve surgery in children. Deka RC. **Indian J Pediatr** 1983 Nov–Dec;50(407):643–6

Hypoglossal-facial nerve anastomosis: a review of forty cases caused by facial nerve injuries in the posterior fossa. Gavron JP, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1447–50

Idiopathic (Bell's) facial palsy: natural history defies steroid or surgical treatment. May M, et al. **Laryngoscope** 1985 Apr;95(4):406–9

Granular cell tumor of facial nerve diagnosed at surgery for idiopathic facial nerve paralysis. May M, et al. **Otolaryngol Head Neck Surg** 1985 Feb;93(1):122–6

Muscle-transfer surgery [letter] Crumley RL. **Plast Reconstr Surg** 1985 Sep;76(3):481–2

Pectoralis minor for facial palsy [letter] Harrison DH. **Plast Reconstr Surg** 1985 Oct;76(4):656–7

The pectoralis minor vascularized muscle graft for the treatment of unilateral facial palsy. Harrison DH. **Plast Reconstr Surg** 1985 Feb;75(2):206–16

Cross-face nerve grafting followed by free muscle transplantation in young patients with long-standing facial paralysis. Reanimation of the cheek and the angle of the mouth. Vedung S, et al. **Scand J Plast Reconstr Surg** 1984; 18(2):201–8

[Restoration of facial function following intratemporal surgery] Liong-A-Jin KJ, et al. **Ned Tijdschr Geneeskd** 1985 Jul 20;129(29):1381–5 (Eng. Abstr.) (Dut)

[Decompression of the facial nerve for frigorific paralysis 25 years previously, with clinical and electrical recovery of the motor function of the nerve] Berezin A, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(5):383 (Fre)

[Palliative correction of facial paralysis] Maillard GF. **Rev Med Suisse Romande** 1985 May;105(5):447–53 (Fre)

THERAPY

Nonoperative management of traumatic facial nerve palsy. Maiman DJ, et al. **J Trauma** 1985 Jul;25(7):644–8

[Treatment of peripheral facial paralysis with ultrasound] Jébéjian R. **Ann Otolaryngol Chir Cervicofac** 1984; 101(6):471–9 (Eng. Abstr.) (Fre)

[Results of early treatment of peripheral facial paralysis using ultrasound] Ganem J, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:287–91 (Fre)

VETERINARY

Space occupying lesions of cranial nerves in calves with facial paralysis. Maenhout D, et al. **Vet Rec** 1984 Oct 20; 115(16):407–10

FACILITY DESIGN AND CONSTRUCTION

Nasal epithelium in woodworkers in the furniture industry. A histological and cytological study. Wilhelmsson B, et al. **Acta Otolaryngol (Stockh)** 1984 Sep-Oct;98(3-4):321-34

Design of a limited-access facility and safety program for a genetic toxicology laboratory. Inmon J, et al. **Am Ind Hyg Assoc J** 1985 Jun;46(6):303-7

Kawasaki syndrome. Is exposure to rug shampoo important? Rogers MF, et al. **Am J Dis Child** 1985 Aug;139(8):777-9

Eliminating barriers to the disabled. Colvin ME, et al. **Am J Occup Ther** 1984 Nov;38(11):748-53

The American Institute of Pharmacy: 50th anniversary. **Am Pharm** 1984 Aug;NS24(8):suppl 1-16

Cabinet for carousels. Loeb R. **Ann Plast Surg** 1984 Sep;13(3):256-9

Glass furniture hazard [letter] Cole GF, et al. **Arch Dis Child** 1984 Dec;59(12):1198

Paraplegic energy expenditure during negotiation of architectural barriers. Miller NE, et al. **Arch Phys Med Rehabil** 1984 Dec;65(12):778-9

How to beautify your old hospital. Baron JH. **Br Med J [Clin Res]** 1984 Sep 29;289(6448):807-10

The Great Hall of BMA House. Nelliat I. **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1738-9

The ergonomics/human factors approach to health sciences libraries. Bube JL. **Bull Med Libr Assoc** 1985 Jul;73(3):254-8

The new library building at the University of Texas Health Science Center at San Antonio. Kronick DA, et al. **Bull Med Libr Assoc** 1985 Apr;73(2):168-75

Inspecting a building. McEwan D. **Can Dent Assoc J** 1984 Dec;50(12):893-4

The effect of racetrack design on gait symmetry of the pacer. Crawford WH, et al. **Can J Comp Med** 1984 Oct;48(4):374-80

Creating an accessible facility: the Ottawa Civic Hospital's experience. Campbell D, et al. **Dimens Health Serv** 1984 Dec;61(12):26-9

Extreme fatigue and malaise—a syndrome caused by badly cleaned wall-to-wall carpets? Nexø E, et al. **Ecol Dis** 1983;2(4):415-8

Effects of furniture rearrangement on the atmosphere of wards in a maximum-security hospital. Baldwin S. **Hosp Community Psychiatry** 1985 May;36(5):525-8

Atriums highlight nursing complex design. **Hospitals** 1984 Nov 16;58(22):86

Elderly care campus gives new life to old hospital. Cohen L. **Hospitals** 1985 Feb 16;59(4):107-8

Office design—professional office of Michel D. Listenberger, O.D. **J Am Optom Assoc** 1984 Aug;55(8):605-7

The office with the open concept. Hammond M, et al. **J Am Optom Assoc** 1984 Oct;55(10):779-81

Office design uses Arizona sun. McMullen WV. **J Am Optom Assoc** 1985 Jul;56(7):568-9

Dance floors. A causative factor in dance injuries. Werter R. **J Am Podiatr Med Assoc** 1985 Jul;75(7):355-8

The evaluation of an environmental remodeling program on a psychiatric geriatric ward. Stahler GJ, et al. **J Soc Psychol** 1984 Jun;123(1ST Half):101-13

Practical aspects involved in the design and set up of a 0.15 T, 6-coil resistive magnet, whole body NMR imaging facility. Thomas SR, et al. **Magn Reson Imaging** 1984;2(4):341-8

Physical and environmental design characteristics of community residences. Janicki MP, et al. **Ment Retard** 1984 Dec;22(6):294-301

Psychological and aesthetic considerations in outpatient facial plastic surgery. Pastorek NJ. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):611-4

Biomechanical comparison of rising from two types of chairs. Burdett RG, et al. **Phys Ther** 1985 Aug;65(8):1177-83

A systematic approach to the design and installation of NMR suites with particular reference to the briefing and feasibility stage. Baker D. **Prog Nucl Med** 1984;8:157-70

Modelling of cosmic-ray muon exposure in building's interior. Fujitaka K, et al. **Radioisotopes** 1984 Jun;33(6):343-9

Calculation on cosmic-ray muon exposure rate in non-walled concrete buildings. Fujitaka K, et al. **Radioisotopes** 1984 Jun;33(6):350-6

Nasal cancer mortality in areas with a high proportion of wood and furniture workers in Japan. Yoshimura T, et al. **Sangyo Ika Daigaku Zasshi** 1983 Dec 1;5(4):433-9

Mortality of English furniture makers. Acheson ED, et al. **Scand J Work Environ Health** 1984 Aug;10(4):211-7

[Accidents with electronic sliding doors] Adamsen S, et al. **Ugeskr Laeger** 1984 Jul 30;146(31):2333-4 (Eng. Abstr.) (Dan)

[Accidents on escalators] Barfod G. **Ugeskr Laeger** 1985 May 20;147(21):1696-7 (Eng. Abstr.) (Dan)

[A cause of accidents with unprotected automatic sliding elevator doors] Clemensen SE. **Ugeskr Laeger** 1985 Apr 22;147(17):1436 (Eng. Abstr.) (Dan)

[Accidents caused by up-and-over doors] Larsen CF, et al. **Ugeskr Laeger** 1984 Jul 30;146(31):2331-3 (Eng. Abstr.) (Dan)

[Health consequences of the use of mineral wool products in housing and industrial buildings] Rindel A, et al. **Ugeskr Laeger** 1984 Jul 23;146(30):2255-9 (Eng. Abstr.) (Dan)

[The indoor climate in schools. Otolaryngologic study of teachers from an older school without and a modern school with indoor climate] Sederberg-Olsen J, et al. **Ugeskr Laeger** 1984 May 7;146(19):1453-5 (Eng. Abstr.) (Dan)

[Carpets in schools and room air quality] Hentschel W, et al. **Off Gesundheitswes** 1985 Mar;47(3):116-9 (Ger)

[Control of important noxious pests in the construction and reconstruction of residential and community buildings] Körber I, et al. **Z Gesamte Hyg** 1985 Jun;31(6):352-4 (Eng. Abstr.) (Ger)

[A rehabilitation complex—the hotel station. An ambulatory rehabilitation program for very severely disabled persons] Presber W, et al. **Z Gesamte Hyg** 1984 Nov;30(11):631-4 (Eng. Abstr.) (Ger)

[Occupational exposure to styrenes in furniture industry] Bartolucci GB, et al. **Med Lav** 1985 Mar-Apr;76(2):157-68 (Eng. Abstr.) (Ita)

[Leakage of radioactive iodine from the contaminated floor of a radioiodination room] Tanaka Y, et al. **Radioisotopes** 1984 Oct;33(10):721-4 (Jpn)

[Protective barriers and area zoning in laboratories for maximum protection] Votiakov VI, et al. **Gig Sanit** 1984 Oct;(10):89-91 (Rus)

[Physics of energy conservation and the heating of health facilities] Preiner T. **Cesk Zdrav** 1984 Jul;32(6-7):289-93 (Eng. Abstr.) (Slo)

[The role of support elements in medical education] Ferreira JR. **Educ Med Salud** 1984;18(4):402-18 (Eng. Abstr.) (Spa)

ECONOMICS

Planning freestanding facilities: space and cost concerns. Norpel JW. **Hospitals** 1985 Feb 16;59(4):89-90, 92

HISTORY

Inside Med-Chi. Building for 100 years—75 years ago. Jensen JE. **Md Med J** 1985 Jul;34(7):668-71

STANDARDS

Signage strategy—how effective are your signs? Smith FE. **Dimens Health Serv** 1984 Dec;61(12):37

Effects of adjustable furniture on VDT users. Shute SJ, et al. **Hum Factors** 1984 Apr;26(2):157-70

TRENDS

Eliminating barriers to the disabled. Colvin ME, et al. **Am J Occup Ther** 1984 Nov;38(11):748-53

FACILITY REGULATION AND CONTROL

A hospital administrator's view. Berman RA. **Bull NY Acad Med** 1985 Jan-Feb;61(1):98-100

A political scientist's view. Marmor TR. **Bull NY Acad Med** 1985 Jan-Feb;61(1):101-7

Regulation and accreditation: the pros and cons for psychiatric facilities. Houck JH. **Hosp Community Psychiatry** 1984 Dec;35(12):1201-4

Regulation and consultation in community care facilities. Peterson CL. **Hosp Community Psychiatry** 1985 Apr;36(4):383-8

ECONOMICS

Evaluating the impact of certificate-of-need regulation using measures of ultimate outcome: some cautions from experience in Massachusetts. Howell JR. **Health Serv Res** 1984 Dec;19(5):587-613

LEGISLATION & JURISPRUDENCE

Government as regulator. Correia E. **Bull NY Acad Med** 1985 Jan-Feb;61(1):90-7

STANDARDS

Government regulation of nonhuman primate facilities. Meyers NM. **J Med Primatol** 1983;12(4):169-83

TRENDS

Procompetition or more regulation? Weil TP. **Health Care Manage Rev** 1985 Summer;10(3):27-35

Hospital system management in France and Canada: national pluralism and provincial centralism. de Pouvourville G, et al. **Soc Sci Med** 1985;20(2):153-66

FACTITIOUS DISORDERS

Factitious anemia due to surreptitious phlebotomy through a Hickman catheter [letter] Quinn JP, et al. **Ann Intern Med** 1985 May;102(5):720-1

Factitious epilepsy due to amitryptyline abuse. O'Rahilly S, et al. **Ir Med J** 1985 Jun;78(6):166-7

Factitious gastrointestinal bleeding [letter] Bakkers JT, et al. **J Nucl Med** 1985 Jun;26(6):666-7

Factitious plumbism [letter] Bass C. **Lancet** 1985 Sep 14;2(8455):607

Factitious plumbism [letter] Stephenson TJ, et al. **Lancet** 1985 Aug 10;2(8450):335

Probable self-administration of lead [letter] Taylor A, et al. **Lancet** 1985 Mar 2;1(8427):513

Factitious illness: an exploration in ethics. Meropol NJ, et al. **Perspect Biol Med** 1985 Winter;28(2):269-81

Factitious hematuria and self-induced Candida albicans fungemia. Gordon GH, et al. **West J Med** 1985 Aug;143(2):246-9

[Factitious edema—a frequently overlooked disease picture] Jäger K, et al. **Schweiz Rundsch Med Prax** 1984 Oct 2;73(40):1209-13 (Eng. Abstr.) (Ger)

[Self-induced giant lymphedema of the hand (sinistrosis)] Vespasiani A, et al. **Chir Ital** 1983 Feb;35(1):129-33 (Eng. Abstr.) (Ita)

COMPLICATIONS

Factitious brittle diabetes mellitus. Schade DS, et al. **Am J Med** 1985 May;78(5):777-84

Tourette syndrome, atypical pervasive developmental disorder and Ganser syndrome in a 15-year-old, visually impaired, mentally retarded boy. Burd L, et al. **Can J Psychiatry** 1985 Feb;30(1):74-6

DIAGNOSIS

Psychometric detection of fabricated symptoms of posttraumatic stress disorder. Fairbank JA, et al. **Am J Psychiatry** 1985 Apr;142(4):501-3

Artefactual breast disease: a report of three cases. Rosenberg MW, et al. **Br J Surg** 1985 Jul;72(7):539-41

The dissimulating disorders: a single diagnostic entity? Jonas JM, et al. **Compr Psychiatry** 1985 Jan-Feb;26(1):58-62

Differential diagnosis with special reference to treatable dementias and pseudodementia conditions. Gustafson L. **Dan Med Bull** 1985 Feb;32 Suppl 1:55-60

Choice reaction time modifiability in dementia and depression. Pirozzolo FJ, et al. **Int J Neurosci** 1985 Apr;26(1-2):1-7

Ganser's syndrome. Agnihotri SS, et al. **J Assoc Physicians India** 1984 Sep;32(9):838-9

Factitious Cushing's syndrome. Cook DM, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):385-7

High performance liquid chromatography used to distinguish the autoimmune hypoglycemia syndrome from factitious hypoglycemia. Klein RF, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):571-4

Simulated paraplegia: an occasional problem for the neurosurgeon. Maurice-Williams RS, et al. **J Neurol Neurosurg Psychiatry** 1985 Aug;48(8):826-31

Pseudo-posttraumatic stress disorder. Hamilton JD. **Milit Med** 1985 Jul;150(7):353-6

Münchausen's syndrome and other factitious illness. Folks DG, et al. **Psychiatr Clin North Am** 1985 Jun;8(2):263-78 (66 ref.)

Progressive supranuclear palsy presenting as pseudodementia. Sadler JZ, et al. **Psychosomatics** 1984 Sep;25(9):713-4

[Pension neurosis: a psychosocial arrangement. I] Schlierf C. **Psychother Psychosom Med Psychol** 1985 Jan;35(1):8-16 (Eng. Abstr.) (Ger)

[Cutaneous artefactual disease. A survey with case examples] Cadotsch A, et al. **Schweiz Rundsch Med Prax** 1984 Oct 9;73(41):1235-41 (Eng. Abstr.) (Ger)

[Clinical aspects, pathophysiology and diagnosis of artificial metabolic diseases] Lüscher T, et al. **Schweiz Rundsch Med Prax** 1984 Oct 9;73(41):1253-60 (Eng. Abstr.) (Ger)

[Artificial infectious diseases. Factitious fever and self-induced infections] Lüscher T, et al. **Schweiz Rundsch Med Prax** 1984 Oct 9;73(41):1229-34 (Eng. Abstr.) (Ger)

[Munchausen syndrome in gynecology] Steiner R. **Schweiz Rundsch Med Prax** 1984 Oct 9;73(41):1243-51 (Eng. Abstr.) (Ger)

[Factitious Bartter's syndrome induced by the surreptitious ingestion of diuretics] López Jiménez M, et al. **Med Clin (Barc)** 1985 Jan 12;84(1):23-6 (Eng. Abstr.) (Spa)

ETIOLOGY

[Artificial subcutaneous emphysema of the facial soft-tissues] Nyberg P, et al. **Schweiz Rundsch Med Prax** 1984 Oct 2;73(40):1223-5 (Eng. Abstr.) (Ger)

PATHOLOGY

[Factitious crusting cheilitis] Jeanmougin M, et al. **Ann Dermatol Venereol** 1984;111(11):1007-11 (Eng. Abstr.) (Fre)

PHYSIOPATHOLOGY

Factitious sneezing. Wiener D, et al. **J Allergy Clin Immunol** 1985 Jun;75(6):741-2

[Use of the dexamethasone suppression test in a prospective study of pseudodementias] Chinchilla Moreno A, et al. **Actas Luso Esp Neurol Psiquiatr** 1985 Jan-Feb;13(1):27-35 (Eng. Abstr.) (Spa)

PSYCHOLOGY

The psychiatric significance of dermatitis artefacta. Haenel T, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(1):38-41

Dermatological pathomimicry: a form of patient maladjustment. Millard LG. **Lancet** 1984 Oct 27;2(8409):969-71

Weaving a tangled web: the psychology of deception and self deception in psychogenic pain. Bayer TL.

Soc Sci Med 1985;20(5):517-27

FACTOR I see FIBRINOGEN

FACTOR II see PROTHROMBIN

FACTOR III see THROMBOPLASTIN

FACTOR IV see CALCIUM

FACTOR V

Studies on the structure of bovine factor V by scanning transmission electron microscopy. Mosesson MW, et al. **Blood** 1985 May;65(5):1158-62

Ultrastructure of human coagulation factor V. Dahlbäck B. **J Biol Chem** 1985 Feb 10;260(3):1347-9

Coagulation Factor V contains copper ion. Mann KG, et al. **J Biol Chem** 1984 Nov 10;259(21):12949-51

ANALYSIS

Immune complexes containing factor V in a patient with an acquired neutralizing antibody. Chiu HC, et al. **Blood** 1985 Apr;65(4):810-8

Identification of human megakaryocyte coagulation factor V. Nichols WL, et al. **Blood** 1985 Jun;65(6):1396-406

ANTAGONISTS & INHIBITORS

A case of factor V inhibitor. Chong LL, et al. **Am J Hematol** 1985 Aug;19(4):395-9

Inhibition of prothrombinase complex by plasma proteinase inhibitors. Ellis V, et al. **Biochemistry** 1984 Nov 20; 23(24):5882-7

The inhibition of platelet prothrombinase activity by prostacyclin. Zwaal RF, et al. **Haemostasis** 1984; 14(4):320-4

Protein S is essential for the activated protein C-catalyzed inactivation of platelet-associated factor Va. Suzuki K, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):455-60

Collagen derived octapeptide inhibits platelet procoagulant activity induced by the combined action of collagen and thrombin. Bevers EM, et al. **Thromb Res** 1985 Feb 1; 37(3):365-70

BIOSYNTHESIS

Biosynthesis of factor V in isolated guinea pig megakaryocytes. Chiu HC, et al. **J Clin Invest** 1985 Feb; 75(2):339-46

GENETICS

Factor V (Quebec): a bleeding diathesis associated with a qualitative platelet Factor V deficiency. Tracy PB, et al. **J Clin Invest** 1984 Oct;74(4):1221-8

Coagulation factors V and VIII and ceruloplasmin constitute a family of structurally related proteins. Church WR, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6934-7

Internal duplication and sequence homology in factors V and VIII. Fass DN, et al. **Proc Natl Acad Sci USA** 1985 Mar; 82(6):1688-91

IMMUNOLOGY

Generation of coagulation factor V activity by cultured rabbit alveolar macrophages. Rothberger H, et al. **J Exp Med** 1984 Dec 1;160(6):1880-90

The response of an acquired Factor V inhibitor to activated Factor IX concentrate. Vickars LM, et al. **Transfusion** 1985 Jan-Feb;25(1):51-3

METABOLISM

Membrane binding properties of blood coagulation Factor V and derived peptides. Pusey ML, et al. **Biochemistry** 1984 Dec 4;23(25):6202-10

Kinetic studies of prothrombin activation: effect of factor Va and phospholipids on the formation of the enzyme-substrate complex. van Rijn JL, et al. **Biochemistry** 1984 Sep 25;23(20):4557-64

Loss of prothrombin and of factor Xa-factor Va interactions upon inactivation of factor Va by activated protein C. Guinto ER, et al. **J Biol Chem** 1984 Nov 25; 259(22):13986-92

Lipid mobility in the assembly and expression of the activity of the prothrombinase complex. Higgins DL, et al. **J Biol Chem** 1985 Mar 25;260(6):3604-12

Human prothrombinase complex assembly and function on isolated peripheral blood cell populations. Tracy PB, et al. **J Biol Chem** 1985 Feb 25;260(4):2119-24

Monocyte procoagulant activity in Whipple's disease. Ottaway CA, et al. **J Clin Immunol** 1984 Sep;4(5):348-58

Studies of Factors V and VIII:C in an animal model of disseminated intravascular coagulation. Giles AR, et al. **J Clin Invest** 1984 Dec;74(6):2219-25

Increased prothrombinase binding sites in unstimulated platelets from a protein C deficient patient [letter] Scully MF, et al. **Thromb Haemost** 1984 Jul 29;51(3):407

[Determination of factor XII, plasma prekallikrein and factor V in patients with thrombophilic states] Stürzebecher J, et al. **Folia Haematol (Leipz)** 1984;111(4):492-6 (Eng. Abstr.) (Ger)

[Characteristics of the effect of thrombin on macromolecular substrates] Sereiskaia AA, et al. **Dokl Akad Nauk SSSR** 1985;282(2):481-4 (Rus)

PHYSIOLOGY

Quantitative features of the structure, function and modulation of prothrombinase. Nesheim ME. **Surv Synth Pathol Res** 1984;3(3):219-32 (40 ref.)

Association of factor V activity with membranous vesicles released from human platelets: requirement for platelet stimulation. Bode AP, et al. **Thromb Res** 1985 Jul 1; 39(1):49-61

FACTOR V DEFICIENCY

BLOOD

Factor V (Quebec): a bleeding diathesis associated with a qualitative platelet Factor V deficiency. Tracy PB, et al. **J Clin Invest** 1984 Oct;74(4):1221-8

Combined factor V and factor VIII deficiency with normal protein C and protein C inhibitor. A family study. Rahim Adam KA, et al. **Scand J Haematol** 1985 May;34(5):401-5

Studies on human protein C inhibitor in normal and Factor V/VIII deficient plasmas. Gardiner JE, et al. **Thromb Res** 1984 Nov 1;36(3):197-203

[Severe factor V deficiency—an unusual cause of spontaneous prolonged APT-time] Bratt G, et al. **Lakartidningen** 1984 Nov 14;81(46):4303-4 (Swe)

COMPLICATIONS

Factor V deficiency and antenatal intraventricular haemorrhage. Whitelaw A, et al. **Arch Dis Child** 1984 Oct; 59(10):997-9

Coagulation factors V and VII combined congenital deficiency in a Mexican family: Toledo-Tehuantepec deficiency, a new pathological entity. Ambriz-Fernández R, et al. **Arch Invest Med (Mex)** 1985 Jan-Mar;16(1):59-70 (Eng, Spa)

Exodontia in combined factor V and factor VIII deficiency. Bartlett JA, et al. **J Oral Maxillofac Surg** 1985 Jul; 43(7):537-9

DIAGNOSIS

[Patient with factor V deficiency (parahemophilia) diagnosed and treated as hemophilia A] Lisichkov T, et al. **Vutr Boles** 1984;23(6):109-11 (Eng. Abstr.) (Bul)

[A rare cause of hematuria: parahemophilia] Siegert E, et al. **Kinderarztl Prax** 1984 Jul;52(7):344-6 (Eng. Abstr.) (Ger)

DRUG THERAPY

Response of protein C and protein C inhibitor to warfarin therapy in patient with combined deficiency of Factors V and VIII. Bern MM, et al. **Thromb Res** 1984 Dec 15; 36(6):485-95

ETIOLOGY

A case of factor V inhibitor. Chong LL, et al. **Am J Hematol** 1985 Aug;19(4):395-9

FAMILIAL & GENETIC

Inherited factor V deficiency. Study of a Brazilian family. Fischer RR, et al. **Hum Hered** 1984;34(4):226-30

[Congenital combined deficiency of factor V and factor VIII in two siblings] Murai Y, et al. **Rinsho Ketsueki** 1984 Nov; 25(11):1843-7 (Eng. Abstr.) (Jpn)

PHYSIOPATHOLOGY

Liver dysfunction in haemophilia A, B and other hereditary haemorrhagic disorders. Ng HW. **Ann Acad Med Singapore** 1984 Jul;13(3):524-6

Association of factor V activity with membranous vesicles released from human platelets: requirement for platelet stimulation. Bode AP, et al. **Thromb Res** 1985 Jul 1; 39(1):49-61

FACTOR VII

ANALYSIS

Assay of factor VII activity by two techniques: evidence for increased conversion of VII to alpha VIIa in hyperlipidaemia, with possible implications for ischaemic heart disease. Miller GJ, et al. **Br J Haematol** 1985 Feb; 59(2):249-58

Increased plasma level of clotting factors VII and X in hyperlipoproteinemia. Cucuianu M, et al. **Med Interne** 1985 Jan-Mar;23(1):37-43

ANTAGONISTS & INHIBITORS

Inhibition of tissue factor/factor VIIa activity in plasma requires factor X and an additional plasma component. Sanders NL, et al. **Blood** 1985 Jul;66(1):204-12

BIOSYNTHESIS

Activation of human factor VII during clotting in vitro. Rao LV, et al. **Blood** 1985 Jan;65(1):218-26

Human alveolar macrophages synthesize factor VII in vitro. Possible role in interstitial lung disease. Chapman HA Jr, et al. **J Clin Invest** 1985 Jun;75(6):2030-7

GENETICS

Clotting factors VII and X as useful markers of terminal deletion of chromosome 13. Pfeiffer RA, et al. **Hum Genet** 1985;69(2):192

PHYSIOLOGY

In vivo studies of the role of factor VII in hemostasis. Giles AR, et al. **Blood** 1985 May;65(5):1197-200

Altered factor VII activity in hemophilia. Miller BC, et al. **Blood** 1985 Apr;65(4):845-9

The extrinsic system. Triplett DA. **Clin Lab Med** 1984 Jun; 4(2):221-44 (134 ref.)

THERAPEUTIC USE

[Factor VII deficiency. Preparation for surgical intervention] Duret N, et al. **Cah Anesthesiol** 1984 Nov;32(7):577-8 (Fre)

FACTOR VII DEFICIENCY

BLOOD

Possible homozygous factor VIIR disorder associated with fibrinolytic hyperactivity. Villa P, et al. **Acta Haematol (Basel)** 1985;73(2):93-6

COMPLICATIONS

Coagulation factors V and VII combined congenital deficiency in a Mexican family: Toledo-Tehuantepec deficiency, a new pathological entity. Ambriz-Fernández R, et al. **Arch Invest Med (Mex)** 1985 Jan-Mar;16(1):59-70 (Eng, Spa)

ETIOLOGY

Deficiency of fibrinogen and factor VII following treatment of severe aplastic anaemia with anti-thymocyte globulin and high-dose methylprednisolone. Fischer M, et al. **Scand J Haematol** 1985 Apr;34(4):312-6

FAMILIAL & GENETIC

Thromboembolism and Factor VII defect [letter] Girolami A. **Acta Haematol (Basel)** 1984;72(5):357-8

Carrier detection in factor VII congenital deficiency. Mariani G, et al. **Br J Haematol** 1985 Aug;60(4):687-94

Carriers of factor VII deficiency are not always asymptomatic. Bhavnani M, et al. **Clin Lab Haematol** 1984; 6(4):363-8

PHYSIOPATHOLOGY

Multiple extractions in a patient with factor VII deficiency. Sumi Y, et al. **J Oral Maxillofac Surg** 1985 May;43(5):382-4

THERAPY

[Factor VII deficiency. Preparation for surgical intervention] Duret N, et al. **Cah Anesthesiol** 1984 Nov;32(7):577-8 (Fre)

FACTOR VIII

Multimeric analysis of eight lyophilized factor VIII concentrates [letter] Hill FG, et al. **Br J Haematol** 1985 May;60(1):201-3

Acute fulminant non-A, non-B hepatitis leading to chronic active hepatitis after treatment with cryoprecipitate. Lee CA, et al. **Gut** 1985 Jun;26(6):639-41

Wet heating for safer factor VIII concentrate? [letter] Kernoff PB, et al. **Lancet** 1985 Sep 28;2(8457):721

Recovery and inactivation of infectious retroviruses from factor VIII concentration. Levy JA, et al. **Lancet** 1984 Sep 29;2(8405):722-3

Stabilising effect of aminoacids on factor VIII in lyophilised cryoprecipitate [letter] Margolis J, et al. **Lancet** 1984 Dec 8;2(8415):1345

Limiting factor VIII cryoprecipitate selection to female donors [letter] Shore A, et al. **Lancet** 1985 Jan 12; 1(8420):98-9

Structure of human factor VIII. Vehar GA, et al. **Nature** 1984 Nov 22-28;312(5992):337-42

Factor VIII concentrates and their clotting activity. **Scand J Haematol [Suppl]** 1984;41:1-180

Association between bleeding time and platelet adherence to artery subendothelium. Sakariassen KS, et al. **Thromb Haemost** 1984 Oct 31;52(2):144-7

Heterogeneity of human factor VIII/vWF in lipaemic plasma. Vukovich T, et al. **Thromb Res** 1985 May 1; 38(3):215-24

Use of segments for the quality control of the factor VIII: coagulant activity of fresh frozen plasma. Ofosu FA, et al. **Vox Sang** 1985;48(4):213-6

ADMINISTRATION & DOSAGE

Sequential administration of human and porcine factor VIII for surgical treatment of a parotid tumour in a patient with a factor VIII inhibitor. Briët E, et al. **Acta Haematol (Basel)** 1985;73(2):97-100

A calculator program for individualizing factor VIII dosage. Longo G, et al. **Drug Intell Clin Pharm** 1984 Sep; 18(9):726-30

Factor VIII procoagulant antigen recovery is a dose-related response to Factor VIII concentrate infusions. Taylor L, et al. **Haemostasis** 1984;14(4):296–301

Hematologic management of hemophilia A for surgery. Kasper CK, et al. **JAMA** 1985 Mar 1;253(9):1279–83

Factor VIII concentrates: matching what you see with what you get [editorial] Lusher JM. **JAMA** 1985 Aug 9; 254(6):802–3

An in vivo assessment of factor VIII concentrates. Rock G, et al. **JAMA** 1985 Aug 9;254(6):777–80

Use of porcine Factor VIII concentrate [letter] Waddell CC, et al. **JAMA** 1985 Jan 18;253(3):344

HTLV-III infection associated with glandular-fever-like illness in a haemophiliac [letter] Tucker J, et al. **Lancet** 1985 Mar 9;1(8428):585

Prevalence of hepatitis B core antibody in family members treating patients with hemophilia. Johnson CA. **Pediatr Infect Dis** 1984 Nov–Dec;3(6):593–4

Oral administration of factor VIII concentrate preparation in von Willebrand's disease. Sakuragawa N, et al. **Thromb Res** 1985 Jun 15;38(6):681–5

[Suppression of an anti-factor VIII inhibitor using the simultaneous administration of prednisone and factor VIII (letter)] Díaz Cremades JM. **Sangre (Barc)** 1985;30(1):59–60 (Spa)

ADVERSE EFFECTS

Lymphadenopathy-associated virus antibodies and T cells in hemophiliacs treated with cryoprecipitate or concentrate. Gjerset GF, et al. **Blood** 1985 Sep;66(3):718–20

High risk of non-A non-B hepatitis after a first exposure to volunteer or commercial clotting factor concentrates: effects of prophylactic immune serum globulin. Kernoff PB, et al. **Br J Haematol** 1985 Jul;60(3):469–79

Cryoglobulinaemia in haemophilia. Lee CA, et al. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1947–8

Impaired cell-mediated immunity in hemophilia. II. Persistence of subclinical immunodeficiency and enhancement of natural killer activity by lymphokines. Lederman MM, et al. **J Lab Clin Med** 1985 Aug; 106(2):197–204

Immune status of blood product recipients. Jason J, et al. **JAMA** 1985 Feb 22;253(8):1140–5

Transmission of non-A, non-B hepatitis by heat-treated factor VIII concentrate. Colombo M, et al. **Lancet** 1985 Jul 6;2(8445):1–4

Non-A, non-B hepatitis and heat-treated factor VIII concentrates [letter] Preston FE, et al. **Lancet** 1985 Jul 27; 2(8448):213

ANALYSIS

Abnormal VIII-vWF patterns and hemolytic-uremic syndrome [letter] Howard MA, et al. **Blood** 1985 Mar; 65(3):778

An immunoradiometric assay for human factor VIII/von Willebrand factor (VIII:vWF) using a monoclonal antibody that defines a functional epitope. Goodall AH, et al. **Br J Haematol** 1985 Apr;59(4):565–77

Factor VIII competitive enzyme assay: observations in von Willebrand's variants and hemophiliacs. Yorde LD, et al. **Clin Physiol Biochem** 1984;2(6):298–303

Elevation of Factor VIII coagulant activity over Factor VIII coagulant antigen in diabetic children without vascular disease. A sign of activation of the Factor VIII coagulant moiety during poor diabetes control. Muntean WE, et al. **Diabetes** 1985 Feb;34(2):140–4

Coagulation proteins showing abnormal electrophoretic mobility in commercial concentrates of factor VIII and prothrombin complex. Vicente V, et al. **Haemostasis** 1984; 14(6):453–9

Factor VIII concentrate as a source of fibronectin for replacement therapy [letter] Smith JK, et al. **J Clin Pathol** 1984 Oct;37(10):1196

Characterization of proteases in AHF concentrates: effect on factor VIII:von Willebrand protein as assessed by high-pressure gel permeation chromatography. Orthner CL. **J Lab Clin Med** 1984 Nov;104(5):816–28

Factor VIII-von Willebrand factor in giant cell arteritis and polymyalgia rheumatica. Persellin ST, et al. **Mayo Clin Proc** 1985 Jul;60(7):457–62

Factor VIII activity and factor VIII-related antigen in infants with viral bronchiolitis [letter] Mazzone D, et al. **N Engl J Med** 1984 Nov 8;311(19):1257–8

Variants of hemophilia A. Kinoshita T. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1657–66

Cryoprecipitate and Factor VIII commercial concentrates: in vitro characteristics and in vivo compartmental analysis. Morfini M, et al. **Ric Clin Lab** 1984 Oct–Dec;14(4):681–91

The use of monoclonal antibodies in measuring factor VIII/von Willebrand factor. Lamme S, et al. **Scand J Clin Lab Invest** 1985 Feb;45(1):17–26

Non Factor VIII related constituents in concentrates. Allain JP. **Scand J Haematol [Suppl]** 1984;41:173–80

Comparisons of one-stage and two-stage assays of Factor VIII:C. Barrowcliffe TW. **Scand J Haematol [Suppl]** 1984; 41:39–54

Methodology of the two-stage assay of Factor VIII (VIII:C). Barrowcliffe TW. **Scand J Haematol [Suppl]** 1984;41:25–38

The statistical evaluation of Factor VIII clotting assays. Curtis AD. **Scand J Haematol [Suppl]** 1984;41:55–68 (14 ref.)

In vivo recovery of FVIII:C in hemophilic patients. Kasper CK. **Scand J Haematol [Suppl]** 1984;41:147–54

Factor VIII assay proficiency assessment: experience in the USA. Mans RL, et al. **Scand J Haematol [Suppl]** 1984; 41:109–20

Standardization of VIII:C assays: a manufacturer's view. Mikaelsson M, et al. **Scand J Haematol [Suppl]** 1984; 41:79–86

Factor VIII related activities in concentrates. Nilsson IM, et al. **Scand J Haematol [Suppl]** 1984;41:157–72

Methodology of the one-stage assay of Factor VIII (VIII:C). Over J. **Scand J Haematol [Suppl]** 1984;41:13–24

Quality control of the one-stage Factor VIII (VIII:C) assay in the coagulation laboratory. Over J. **Scand J Haematol [Suppl]** 1984;41:89–100

Comparison of Factor VIII concentrates in non-bleeding patients. Schimpf K, et al. **Scand J Haematol [Suppl]** 1984; 41:131–45

Factor VIII assay proficiency assessment: experience in the UK. Thomson JM, et al. **Scand J Haematol [Suppl]** 1984; 41:101–8

Abnormal plasma levels of factor VIII/von Willebrand factor complex in myocardial infarction—expression of acute phase reaction or index of vascular endothelium damage? [letter] Giustolisi R, et al. **Thromb Haemost** 1984 Jul 29; 51(3):408

Major blood group antigens—a determinant of factor VIII levels in blood? [letter] Mohanty D, et al. **Thromb Haemost** 1984 Jul 29;51(3):414

Influence of heparin and calcium chloride on assay, stability, and recovery of factor VIII. Morgenthaler JJ, et al. **Vox Sang** 1985;48(1):8–17

[Processing data for predicting hemophilia transmission] Sikorová J, et al. **Vnitr Lek** 1984 Aug;30(8):764–70 (Eng. Abstr.) (Cze)

[Comparative protein chemistry studies on Factor VIII concentrates] Kienast K, et al. **Arzneimittelforsch** 1984; 34(8):895–900 (Eng. Abstr.) (Ger)

[In vitro characterization of human plasma fraction factor VIII concentrate] Uteg KH, et al. **Pharmazie** 1985 Apr; 40(4):270 (Ger)

[Hemorheologic and coagulation study in a group of patients with diabetic retinopathy] Parenti M, et al. **G Clin Med** 1984 Sep–Oct;65(9–10):409–18 (Eng. Abstr.) (Ita)

[A case of factor VIIICAg-positive severe hemophilia A with factor VIII inhibitor] Shima M, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 May;48(3):843–8 (Eng. Abstr.) (Jpn)

[The values of plasminogen, antithrombin III, factor XIII and fibrinogen according to age and sex] Ogawa K, et al. **Rinsho Byori** 1984 Jun;32(6):679–82 (Jpn)

[Factor VIII/von Willebrand factor complex (FVIII/vWF)] Yoshioka A. **Rinsho Byori** 1985 Feb;Spec No 61:73–85 (25 ref.) (Jpn)

[Study on the levels of anti-A, anti-B isoagglutinin titer in various kinds of concentrates for hemophilia treatment—with special regard to the manufacturing process of factor VIII concentrate] Tomita Y, et al. **Rinsho Ketsueki** 1985 Feb;26(2):166–70 (Eng. Abstr.) (Jpn)

[Comparative study of concentrated blood derivatives of factor VIII] Baklaja R, et al. **Bilt Hematol Transfuz** 1984; 12(2):91–103 (Eng. Abstr.) (Ser)

[Use of factors VIII:C and VIIIR:Ag in the detection of classic hemophilia. Study of 40 cases] Ambríz-Fernández R, et al. **Rev Invest Clin** 1984 Jul–Sep;36(3):257–63 (Eng. Abstr.) (Spa)

ANTAGONISTS & INHIBITORS

Use of the agarose gel method to identify and quantitate factor VIII:C inhibitors. Cassidy PG, et al. **Am J Clin Pathol** 1985 Jun;83(6):697–706

Factor VIII inhibitors: in vivo decrease of inhibitory activity during calcium infusion. Muhleman AF, et al. **Am J Hematol** 1985 Oct;20(2):107–17

Radiotherapy of a pseudotumor in a hemophiliac with Factor VIII inhibitor. Correra A, et al. **Am J Pediatr Hematol Oncol** 1984 Fall;6(3):325–7

Circulating inhibitors. Ting WC. **Ann Acad Med Singapore** 1984 Jul;13(3):521–3

Management of Ludwig's angina in a patient with severe hemophilia A with factor VIII inhibitors: report of case. Nelson L, et al. **ASDC J Dent Child** 1985 Jul–Aug; 52(4):306–11

Agarose gel method: its usefulness in assaying factor VIII inhibitors, evaluating treatment and suggesting a mechanism of action for factor IX concentrates. Coots MC, et al. **Br J Haematol** 1985 Aug;60(4):735–50

The effect of 1-deamino 8 D-arginine vasopressin (DDAVP) in a nonhaemophilic patient with an acquired type II factor VIII inhibitor. de la Fuente B, et al. **Br J Haematol** 1985 Jan;59(1):127–31

IgA inhibitor to factor VIII/von Willebrand factor. Gralnick HR, et al. **Br J Haematol** 1985 Jan;59(1):149–58

DDAVP in a non-haemophiliac patient with an acquired factor VIII inhibitor [letter] Vincente V, et al. **Br J Haematol** 1985 Jul;60(3):585–6

Factor VIII inhibitor [letter] Nour-Eldin F. **JAMA** 1985 May 24–31;253(20):2963

Plasmapheresis and Factor VIIIC inhibitors [letter] Hambley H, et al. **Lancet** 1985 Feb 2;1(8423):274

Intravenous IgG for patients with spontaneous inhibitor to Factor VIII [letter] Zimmermann R, et al. **Lancet** 1985 Feb 2;1(8423):273–4

Changes in the character of Factor VIII inhibitors following Factor VIII transfusion. Ghosh S, et al. **Scand J Haematol** 1984 Sep;33(3):239–43

Hereditary hemorrhagic telangiectasia and factor VIII inhibitor. Sudarshan A, et al. **South Med J** 1985 May; 78(5):623–4

Inhibitor to factor VIII in mild haemophilia. Kesteven PJ, et al. **Thromb Haemost** 1984 Aug 31;52(1):50–2

Inhibitor to factor VIII in mild haemophilia [letter] Lowe GD, et al. **Thromb Haemost** 1985 Feb 18;53(1):159

[A case of acquired hemophilia] Guillaume M, et al. **Acta Clin Belg** 1984;39(6):387–9 (Eng. Abstr.) (Fre)

[Postpartum hemophilia A with factor VIII inhibitor] Neidhardt B, et al. **Dtsch Med Wochenschr** 1985 May 17; 110(20):799–802 (Eng. Abstr.) (Ger)

[Elimination of inhibitors in children with hemophilia A] Weissbach G, et al. **Folia Haematol (Leipz)** 1984; 111(6):817–25 (Eng. Abstr.) (Ger)

[Inhibitor hemophilia in oral surgery] Schulz S. **Zahn Mund Kieferheilkd** 1984;72(8):824–8 (Eng. Abstr.) (Ger)

[A case of factor VIIICAg-positive severe hemophilia A with factor VIII inhibitor] Shima M, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 May;48(3):843–8 (Eng. Abstr.) (Jpn)

BIOSYNTHESIS

Factor VIII:C synthesis in the kidney [letter] Rall LB, et al. **Lancet** 1985 Jan 5;1(8419):44

GENETICS

Factor VIII and factor IX in a twin population. Evidence for a major effect of ABO locus on factor VIII level. Orstavik KH, et al. **Am J Hum Genet** 1985 Jan;37(1):89–101

The molecular genetics of hemophilia: blood clotting factors VIII and IX. Lawn RM. **Cell** 1985 Sep;42(2):405–6 (15 ref.)

The human genes for hemophilia A and hemophilia B flank the X chromosome fragile site at Xq27.3. Purrello M, et al. **EMBO J** 1985 Mar;4(3):725–9

Prenatal diagnosis of haemophilia A by factor VIII gene analysis. Antonarakis SE, et al. **Lancet** 1985 Jun 22; 1(8443):1407–9

Factor VIII gene specific probe for prenatal diagnosis of haemophilia A [letter] Din N, et al. **Lancet** 1985 Jun 22; 1(8443):1446–7

Hemophilia A. Detection of molecular defects and of carriers by DNA analysis. Antonarakis SE, et al. **N Engl J Med** 1985 Oct 3;313(14):842–8

Clotting factor VIII cloned [news] Brownlee GG, et al. **Nature** 1984 Nov 22–28;312(5992):307

Genetic mapping and diagnosis of haemophilia A achieved through a BclI polymorphism in the factor VIII gene. Gitschier J, et al. **Nature** 1985 Apr 25–May 1; 314(6013):738–40

Detection and sequence of mutations in the factor VIII gene of haemophiliacs. Gitschier J, et al. **Nature** 1985 May 30–Jun 5;315(6018):427–30

Characterization of the human factor VIII gene. Gitschier J, et al. **Nature** 1984 Nov 22–28;312(5992):326–30

Molecular cloning of a cDNA encoding human antihaemophilic factor. Toole JJ, et al. **Nature** 1984 Nov 22–28;312(5992):342–7

Expression of active human factor VIII from recombinant DNA clones. Wood WI, et al. **Nature** 1984 Nov 22–28; 312(5992):330–7

Coagulation factors V and VIII and ceruloplasmin constitute a family of structurally related proteins. Church WR, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6934–7

Internal duplication and sequence homology in factors V and VIII. Fass DN, et al. **Proc Natl Acad Sci USA** 1985 Mar; 82(6):1688–91

IMMUNOLOGY

Mondor's phlebitis of the penis: a study with factor VIII related antigen. Tanii T, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):337–40

Factor VIIIR:Ag/Factor VIII:C and their ratio in obstetrical cases. Caires D, et al. **Acta Obstet Gynecol Scand** 1984; 63(5):411–6

Factor VIII related antigen in term and preterm newborns with severe neonatal haemorrhage. Balla G, et al. **Acta Paediatr Hung** 1985;26(1):11–5

The evaluation of factor VIII antigen by means of a simple slide test. Casonato A, et al. **Am J Clin Pathol** 1985 Jul; 84(1):107–11

Factor VIII (procoagulant activity VIII:C, and antigen VIII:CAg, related antigen VIIIR:Ag and ristocetin cofactor VIIIR:Cof) in intensive care patients with clinically suspected disseminated intravascular coagulation (DIC). Tran TH, et al. **Am J Clin Pathol** 1984 Nov; 82(5):565–72

Replacement therapy in platelet-type von Willebrand disease. Takahashi H. **Am J Hematol** 1985 Apr;18(4):351–62

The mechanism of factor VIII inactivation by human antibodies. II. The effect of factor VIII R: antigen on the rate of interaction. Lazarchick J. **Ann Clin Lab Sci** 1985 Jan–Feb;15(1):76–82

Abnormalities of factor VIII related protein multimers in the haemolytic uraemic syndrome. Rose PE, et al. **Arch Dis Child** 1984 Dec;59(12):1135–40

Occurrence of factor VIII–related antigen positive cells in perivascular infiltrates of venous stasis dermatitis. Beranek JT, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:128–32

Impaired vessel wall response to venous occlusion in patients with chronic renal failure on maintenance hemodialysis. Winter M, et al. **Clin Nephrol** 1984 Dec;22(6):307–13

Monoclonal antibodies against the human factor VIII von Willebrand molecule: characterization and potential for screening of von Willebrand patients. Avner P, et al. **Dev Biol Stand** 1984;57:69–76

Plasma fibronectin, factor VIII–related antigen and fibrinogen concentrations, and diabetic retinopathy. Davis TM, et al. **Diabete Metab** 1985 Jun;11(3):147–51

Elevation of Factor VIII coagulant activity over Factor VIII coagulant antigen in diabetic children without vascular disease. A sign of activation of the Factor VIII coagulant moiety during poor diabetes control. Muntean WE, et al. **Diabetes** 1985 Feb;34(2):140–4

Factor VIII–related antigen levels in normal pregnancy and puerperium. Chan SY, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Apr;19(4):199–204

Factor VIII procoagulant antigen recovery is a dose–related response to Factor VIII concentrate infusions. Taylor L, et al. **Haemostasis** 1984;14(4):296–301

Factor VIII–related antigen in malignant mesotheliomas [letter] Balaton AJ. **Histopathology** 1985 Jun;9(6):673–4

Angiosarcomas arising in edematous extremities: immunostaining for factor VIII–related antigen and ultrastructural features. Capo V, et al. **Hum Pathol** 1985 Feb;16(2):144–50

Human factor VIII procoagulant protein. Monoclonal antibodies define precursor–product relationships and functional epitopes. Fulcher CA, et al. **J Clin Invest** 1985 Jul;76(1):117–24

Value of factor VIII related antigen as a means of demonstrating extramedullary megakaryopoiesis [letter] Bloom AL, et al. **J Clin Pathol** 1984 Nov;37(11):1317

Value of factor VIII related antigen as a means of demonstrating extramedullary haemopoiesis [letter] Crocker J, et al. **J Clin Pathol** 1985 Mar;38(3):355

Enhanced luminescence enzyme immunoassay for factor VIII related antigen. Wang HX, et al. **J Clin Pathol** 1985 Mar; 38(3):317–9

Effect of insulin treatment in streptozocin–induced diabetic rats on in vitro platelet function and plasma von Willebrand factor activity and factor VIII–related antigen. Winocour PD, et al. **J Lab Clin Med** 1985 Sep;106(3):319–25

An immunohistological study of factor VIII related antigen and Kaposi's sarcoma using polyclonal and monoclonal antibodies. Millard PR, et al. **J Pathol** 1985 May; 146(1):31–8

Anti–idiotypic suppression of antibodies to factor VIIIc [letter] Frommel D. **Lancet** 1984 Nov 24;2(8413):1210–1

Inability of pasteurised factor VIII preparations to induce antibodies to HTLV–III after long–term treatment [letter] Mösseler J, et al. **Lancet** 1985 May 11;1(8437):1111

Anti–idiotypic suppression of autoantibodies to factor VIII (antihaemophilic factor) by high–dose intravenous gammaglobulin. Sultan Y, et al. **Lancet** 1984 Oct 6; 2(8406):765–8

Factor VIII and neoplastic endothelium. Graham AR, et al. **Lymphology** 1984 Sep;17(3):78–80

Factor VIII–associated antigen in canine lymphatic endothelium. Nagle R, et al. **Lymphology** 1985 Jun; 18(2):84–5

Factor VIII activity and factor VIII–related antigen in infants with viral bronchiolitis [letter] Mazzone D, et al. **N Engl J Med** 1984 Nov 8;311(19):1257–8

Factor VIII related activities in concentrates. Nilsson IM, et al. **Scand J Haematol [Suppl]** 1984;41:157–72

Urinary excretion rate of antithrombin III related antigen in cerebral stroke. Matsuo T, et al. **Thromb Haemost** 1984 Dec 29;52(3):305–7

Disappearance of antibodies to Factor VIII in a patient with acquired haemophilia and carcinoma of the pancreas during cytotoxic therapy with fluorouracil and CCNU. Rhodes EG, et al. **Thromb Haemost** 1984 Oct 31;52(2):131–3

An immunoradiometric assay for factor VIII related antigen (VIIIRAg) using two monoclonal antibodies–comparison with polyclonal rabbit antibodies for use in von Willebrand's disease diagnosis. Sultan Y, et al. **Thromb Haemost** 1984 Dec 29;52(3):250–2

The application of a monoclonal antibody to factor VIII related antigen (VIIIRAg) in immunoradiometric assays for factor VIII. Thomas JE, et al. **Thromb Haemost** 1985 Feb 18;53(1):143–7

Immunohistochemistry of vascular lesion in thrombotic thrombocytopenic purpura, with special reference to factor VIII related antigen. Asada Y, et al. **Thromb Res** 1985 Jun 1;38(5):469–79

Factor VIII related antigen–concanavalin A binding in plasma and serum. Krauss JS, et al. **Thromb Res** 1985 Feb 1;37(3):477–80

Destruction of ristocetin cofactor by coagulation at 4 degrees C. Lloyd JV, et al. **Thromb Res** 1985 Mar 15;37(6):659–68

Purification of the factor VIII complex. Thorell L, et al. **Thromb Res** 1984 Aug 15;35(4):431–50

HLA antigens in hemophiliacs A with or without factor VIII antibodies in a Venezuelan Mestizo population. Simonney N, et al. **Tissue Antigens** 1985 Apr;25(4):216–9

A practical technique for preparation of antiserum to canine factor VIII–related antigen. Benson RE, et al. **Vet Immunol Immunopathol** 1984 Oct;7(3–4):337–46

Immunohistochemical evaluation of factor VIII related antigen, filament proteins and lectin binding in haemangiomas. Hosaka M, et al. **Virchows Arch [A]** 1985; 407(3):237–47

Factor VIII–related antigen and lymphatic collecting vessels. Svanholm H, et al. **Virchows Arch [A]** 1984;404(3):224–8

[Determination of a factor VIII–related antigen in normal menstrual blood] Chen ZP. **Chung Hua Fu Chan Ko Tsa Chih** 1985 May;20(3):151–2, 190 (Eng. Abstr.) (Chi)

[Serum factor VIII–related antigen in hepatobiliary diseases] Yang CY, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Mar; 24(3):155–7, 190 (Eng. Abstr.) (Chi)

[Processing data for predicting hemophilia transmission] Sikorová J, et al. **Vnitr Lek** 1984 Aug;30(8):764–70 (Eng. Abstr.) (Cze)

[Appearance and disappearance of an antifactor VIII antibody in Horton's disease (letter)] Rouget JP, et al. **Presse Med** 1984 Sep 22;13(32):1964 (Fre)

[Behavior of factor VIII associated antigen in thrombophilic states] Barthels M, et al. **Folia Haematol (Leipz)** 1984; 111(4):468–74 (Eng. Abstr.) (Ger)

[Hemorheologic and coagulation study in a group of patients with diabetic retinopathy] Parenti M, et al. **G Clin Med** 1984 Sep–Oct;65(9–10):409–18 (Eng. Abstr.) (Ita)

[Immunocytochemical localization of factor VIII–related antigen and tubular bodies (Weibel–Palade bodies) in blood vessels of human gliomas] Miyagami M, et al. **Neurol Med Chir (Tokyo)** 1985 Mar;25(3):159–67 (Eng. Abstr.) (Jpn)

[Identification of megakaryocytes utilizing anti–factor VIII immuno–alkaline phosphatase] Young C, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Aug;47(5):1157–61 (Eng. Abstr.) (Jpn)

[Immunocytochemical localization of factor VIII–related antigen in blood vessels of the human central nervous system] Miyagami M, et al. **No To Shinkei** 1984 Aug; 36(8):755–65 (Eng. Abstr.) (Jpn)

[Factor VIII R–Ag and factor VIII Co in diabetes mellitus: correlation between hormonal pattern and type of retinopathy] Calle Pascual AL, et al. **Med Clin (Barc)** 1984 Jun 2;83(1):4–8 (Eng. Abstr.) (Spa)

[Use of factors VIII:C and VIIIR:Ag in the detection of classic hemophilia. Study of 40 cases] Ambríz–Fernández R, et al. **Rev Invest Clin** 1984 Jul–Sep;36(3):257–63 (Eng. Abstr.) (Spa)

ISOLATION & PURIFICATION

Isolation of small molecular forms of Factor VIII/von Willebrand factor from plasma. Perret BA, et al. **Haemostasis** 1984;14(4):289–95

Isolation of human factor VIII:C by preparative high–performance size–exclusion chromatography. Herring SW, et al. **J Chromatogr** 1985 Jun 19;326:217–24

Studies on the procurement of blood coagulation factor VIII: effects of plasma freezing rate and storage conditions on cryoprecipitate quality. Farrugia A, et al. **J Clin Pathol** 1985 Apr;38(4):433–7

The removal of hepatitis B virus from factor VIII concentrates by fractionation on ethylene maleic anhydride polyelectrolyte. Galpin SA, et al. **J Med Virol** 1984; 14(3):229–33

Use of 'single donor' factor VIII from plasma exchange donation. McLeod BC, et al. **JAMA** 1984 Nov 16; 252(19):2726–9

Studies on the procurement of coagulation factor VIII: selective precipitation of factor VIII with hydrophilic polymers. Farrugia A, et al. **Thromb Haemost** 1984 Jul 29; 51(3):338–42

The role of fibronectin in factor VIII/von Willebrand factor cryoprecipitation. Mazurier C, et al. **Thromb Res** 1985 Mar 15;37(6):651–8

Cryoprecipitated antihemophilic factor production from blood collected in quad packs or from blood with delayed processing. The importance of plasma thawing method. Orthner CL, et al. **Transfusion** 1984 Nov–Dec;24(6):516–9

Preparation of pooled cryoprecipitate for treatment of hemophilia A in a home care program. Smith KJ, et al. **Transfusion** 1984 Nov–Dec;24(6):520–3

[Methods of preparing Factor VIII. I. Preparation and characteristics of a medium–pure concentrate] Perote P, et al. **Sangre (Barc)** 1984;29(3):321–8 (Eng. Abstr.) (Spa)

[Methods of preparing factor VIII. II. Preparation of a highly purified concentrate using CPG (controlled pore glass)] Perote P, et al. **Sangre (Barc)** 1984;29(4–A):457–66 (Eng. Abstr.) (Spa)

METABOLISM

Factor IXa protects activated factor VIII against inactivation by activated protein C. Bertina RM, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):177–83

Modulation of thrombin–mediated activation of factor VIII:C by calcium ions, phospholipid, and platelets. Hultin MB. **Blood** 1985 Jul;66(1):53–8

The nature of factor VIII. Peake IR. **Clin Sci** 1984 Dec; 67(6):561–7 (71 ref.)

Elevation of Factor VIII coagulant activity over Factor VIII coagulant antigen in diabetic children without vascular disease. A sign of activation of the Factor VIII coagulant moiety during poor diabetes control. Muntean WE, et al. **Diabetes** 1985 Feb;34(2):140–4

Dissociation of the Factor–VIII complex during clotting: role of thrombin and phospholipids. Muntean W, et al. **Eur J Clin Invest** 1984 Dec;14(6):462–8

The binding of factor IXa to cultured bovine aortic endothelial cells. Induction of a specific site in the presence of factors VIII and X. Stern DM, et al. **J Biol Chem** 1985 Jun 10;260(11):6717–22

Studies of Factors V and VIII:C in an animal model of disseminated intravascular coagulation. Giles AR, et al. **J Clin Invest** 1984 Dec;74(6):2219–25

Effects of plasmin on von Willebrand factor multimers. Degradation in vitro and stimulation of release in vivo. Hamilton KK, et al. **J Clin Invest** 1985 Jul;76(1):261–70

Role of factor VIII–von Willebrand factor and fibronectin in the interaction of platelets in flowing blood with monomeric and fibrillar human collagen types I and III. Houdijk WP, et al. **J Clin Invest** 1985 Feb;75(2):531–40

Benefits of danazol treatment in patients with hemophilia A (classic hemophilia). Gralnick HR, et al. **JAMA** 1985 Feb 22;253(8):1151–3

Absent factor VIII response to synthetic vasopressin analogue (DDAVP) in nephrogenic diabetes insipidus. Kobrinsky NL, et al. **Lancet** 1985 Jun 8;1(8441):1293–4

Effects of growth hormone on the factor VIII complex in patients with growth hormone deficiency. Borkenstein M, et al. **Metabolism** 1984 Dec;33(12):1065–7

Kinetic evaluation of four Factor VIII concentrates by model–independent methods. Matucci M, et al. **Scand J Haematol** 1985 Jan;34(1):22–8

Principles of in vivo recovery and survival studies of VIII:C. Allain JP. **Scand J Haematol [Suppl]** 1984;41:123–30

Interactions of purified rat factor VIII/von Willebrand factor with rat and human platelets—effect of albumin and ristocetin. Dejana E, et al. **Thromb Haemost** 1984 Aug 31; 52(1):57–9

Characterization of calcium–dependent binding of endogenous factor VIII/von Willebrand factor to surface activated platelets. Furby FH, et al. **Thromb Res** 1984 Sep 1;35(5):501–11

von Willebrand Factor/Factor VIII adsorption to surfaces from human plasma. Horbett TA, et al. **Thromb Res** 1984 Dec 15;36(6):599–608

[Behavior of factor VIII associated antigen in thrombophilic states] Barthels M, et al. **Folia Haematol (Leipz)** 1984; 111(4):468–74 (Eng. Abstr.) (Ger)

[Interactions in the formation of a fibrin clot] Klingemann HG. **Fortschr Med** 1985 Mar 14;103(10):276–8 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

Inhibition of human T lymphocyte proliferation in vitro by commercial factor VIII concentrates. Wang Y, et al. **Vox Sang** 1985;48(6):343–9

PHYSIOLOGY

The destabilization of factor VIII by a vitamin K dependent protein. Waintraub SE, et al. **Br J Haematol** 1985 Apr; 59(4):579–86

Thermal inactivation of the acquired immunodeficiency syndrome virus, human T lymphotropic virus–III/lymphadenopathy–associated virus, with special reference to antihemophilic factor. McDougal JS, et al. **J Clin Invest** 1985 Aug;76(2):875–7

Danazol–induced factor VIII and IX bypassing activity in hemophiliacs. Garewal HS, et al. **Thromb Res** 1985 Jul 1; 39(1):117–25

Structure–function relationships of human factor VIII complex studied by thioredoxin dependent disulfide reduction. Hessel B, et al. **Thromb Res** 1984 Sep 15; 35(6):637–51

Purified complex of factor VIII coagulant moiety and phospholipid: high factor VIII coagulant activity in factor VIII inhibitor plasma. Muntean W. **Wien Klin Wochenschr** 1984 Nov 23;96(22):829–32

[Dependence of factor VIII activity on blood group] Uteg KH, et al. **Pharmazie** 1985 Jan;40(1):57–8 (Ger)

SECRETION

Vasopressins and factor VIII release [letter] Grant PJ, et al. **Lancet** 1985 Jul 27;2(8448):224

STANDARDS

Standardization of factor VIII: establishment and use of secondary standards. Panicucci F, et al. **J Biol Stand** 1985 Apr;13(2):115–21

Factor VIII [letter] McCarthy NJ. **Med J Aust** 1985 Jan 7;142(1):74–5

THERAPEUTIC USE

A long–term study of hemophilic arthropathy of the knee joint on a program of Factor VIII replacement given at time of each hemarthrosis. Brettler DB, et al. **Am J Hematol** 1985 Jan;18(1):13–8

1–Deamino–8–D–arginine vasopressin and cryoprecipitate in variant von Willebrand disease. Hanna WT, et al. **Am J Hematol** 1985 Oct;20(2):169–73

Impaired immune function in hemophilia patients treated exclusively with cryoprecipitate: relation to duration of treatment. Pollack S, et al. **Am J Hematol** 1985 Sep;

20(1):1-6
Changes in plasma haptoglobin and alpha-2 macroglobulin in hemophiliacs receiving factor replacement therapy. Shulman G, et al. **Am J Hematol** 1985 Mar;18(3):223-33
Replacement therapy in platelet-type von Willebrand disease. Takahashi H. **Am J Hematol** 1985 Apr;18(4):351-62
AIDS in hemophilia. Hilgartner MW, et al. **Ann NY Acad Sci** 1984;437:466-71
Lymphocyte subset ratios and factor VIII usage in haemophilia. Beddall AC, et al. **Arch Dis Child** 1985 Jun; 60(6):530-6
Antibodies reactive with human T cell leukemia viruses in the serum of hemophiliacs receiving factor VIII concentrate. Goedert JJ, et al. **Blood** 1985 Feb;65(2):492-5
The use of heat-treated Factor VIII-concentrates in von Willebrand's disease. Köhler M, et al. **Blut** 1985 Jan; 50(1):25-7
Abnormal B cell function in haemophiliacs and their relationship with factor concentrates administration. Brieva JA, et al. **Clin Exp Immunol** 1985 Feb;59(2):491-8
Some evidence for the in vivo functional activation of suppressor T cells in asymptomatic patients with hemophilia A receiving Factor VIII concentrates. Seki H, et al. **Clin Immunol Immunopathol** 1985 Jan;34(1):27-38
Supply and need of factor VIII concentrates. Britten A, et al. **Haematologia (Budap)** 1983;16(1-4):109-20
Cryoprecipitate: all in the family? [editorial] Kasper CK. **JAMA** 1984 Nov 16;252(19):2755-6
The case for heat-treated products [letter] Allain JP, et al. **Lancet** 1985 Apr 6;1(8432):814-5
Haemophilia and AIDS [letter] Bird AG, et al. **Lancet** 1985 Jan 19;1(8421):162-3
Haemophilia and AIDS [letter] Bloom AL. **Lancet** 1985 Feb 9;1(8424):336
Differential prevalence of antibody to AIDS-associated retrovirus in haemophiliacs treated with Factor VIII concentrate versus cryoprecipitate: recovery of infectious virus [letter] Koerper MA, et al. **Lancet** 1985 Feb 2; 1(8423):275
Human T-lymphotropic virus type III (HTLV-III) infection in seronegative haemophiliacs after transfusion of factor VIII. Ludlam CA, et al. **Lancet** 1985 Aug 3;2(8449):233-6
Antibodies to AIDS and heated factor VIII [letter] Mannucci PM, et al. **Lancet** 1985 Jun 29;1(8444):1505-6
HTLV-III seropositivity in European haemophiliacs exposed to Factor VIII concentrate imported from the USA. Melbye M, et al. **Lancet** 1984 Dec 22;2(8417-18):1444-6
Absence of antibodies to AIDS virus in haemophiliacs treated with heat-treated Factor VIII concentrate [letter] Rouzioux C, et al. **Lancet** 1985 Feb 2;1(8423):271-2
Use of heat-treated clotting-factor concentrates in patients with haemophilia and a high exposure to HTLV-III. McGrath KM, et al. **Med J Aust** 1985 Jul 8;143(1):11-3
Treatment of severe coagulopathy in the Kasabach-Merritt syndrome with aminocaproic acid and cryoprecipitate. Warrell RP Jr, et al. **N Engl J Med** 1985 Aug 1; 313(5):309-12
Long-term high dose factor VIII treatment of 3 haemophiliacs with factor VIII inhibitor. Scheibel E, et al. **Scand J Haematol** 1985 May;34(5):378-84
The control and standardization of Factor VIII. Aronson DL, et al. **Scand J Haematol [Suppl]** 1984;41:71-8
Immunological studies of haemophilic patients with inhibitors treated with Factor VIII concentrates in a protocol to induce immunotolerance [letter] Aznar JA, et al. **Thromb Haemost** 1984 Oct 31;52(2):212-3
Use of porcine factor VIII in the management of seventeen patients with factor VIII antibodies. Gatti L, et al. **Thromb Haemost** 1984 Jul 29;51(3):379-84
Successful operation on a haemophiliac with Factor VIII inhibitor treated by plasmapheresis and Factor VIII infusions [letter] Monteagudo J, et al. **Transfusion** 1985 Jan-Feb;25(1):85-6
[A clinical trial of a new Danish VIII preparation (intermediate purity type)] Ingerslev J, et al. **Ugeskr Laeger** 1984 Oct 8;146(41):3101-3 (Eng. Abstr.) (Dan)
[Immunological study of a hemophiliac treated according to the Bonn protocol for 2 1/2 years] Eyquem A, et al. **Rev Fr Transfus Immunohematol** 1984 Sep;27(4):487-91 (Eng. Abstr.) (Fre)
[Treatment of von Willebrand-Jürgens syndrome with 'hepatitis-free' factor VIII concentrates] Köhler M, et al. **Dtsch Med Wochenschr** 1984 Nov 23;109(47):1800-5 (Eng. Abstr.) (Ger)
[Elimination of inhibitors in children with hemophilia A] Weissbach G, et al. **Folia Haematol (Leipz)** 1984; 111(6):817-25 (Eng. Abstr.) (Ger)
[Oral administration of factor VIII concentrate preparation to patients with von Willebrand's disease] Sakuragawa N, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 May; 48(3):839-42 (Eng. Abstr.) (Jpn)
[Use of fraction C-1 in children with hemophilia A] Kamińska D, et al. **Pediatr Pol** 1985 Jan;60(1):65-8 (Pol)
[Viral hepatitis in hemophiliac patients treated with commercial concentrates of factors VIII and IX] Miranda ML, et al. **Med Clin (Barc)** 1985 Apr 6;84(13):516-9 (Eng. Abstr.) (Spa)

FACTOR IX

ADVERSE EFFECTS

High risk of non-A non-B hepatitis after a first exposure to volunteer or commercial clotting factor concentrates: effects of prophylactic immune serum globulin. Kernoff PB, et al. **Br J Haematol** 1985 Jul;60(3):469-79

ANALYSIS

Factor IX and prothrombin in amniotic fluid and fetal plasma: constraints on prenatal diagnosis of hemophilia B and evidence of proteolysis. Thompson AR. **Blood** 1984 Oct; 64(4):867-74
Separation of an active substance responsible for the factor VIII inhibitor bypassing activity in Autoplex. Fukui H, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):134-46

ANTAGONISTS & INHIBITORS

Inhibition of activated porcine factor IX by dansyl-glutamyl-glycyl-arginyl-chloromethylketone. Lollar P, et al. **Arch Biochem Biophys** 1984 Sep; 233(2):438-46
[Analysis of F.IX-inhibitor bypassing activity contained in a commercial prothrombin complex concentrate (Proplex)] Sugimoto M, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Aug;47(5):1181-9 (Eng. Abstr.) (Jpn)

GENETICS

Factor VIII and factor IX in a twin population. Evidence for a major effect of ABO locus on factor VIII level. Orstavik KH, et al. **Am J Hum Genet** 1985 Jan;37(1):89-101
Hemophilia B with inhibitor: molecular analysis of the subtotal deletion of the factor IX gene. Hassan HJ, et al. **Blood** 1985 Sep;66(3):728-30
Intragenic Factor IX restriction site polymorphism in hemophilia B variants. Hassan HJ, et al. **Blood** 1985 Feb; 65(2):441-3
The molecular genetics of hemophilia: blood clotting factors VIII and IX. Lawn RM. **Cell** 1985 Sep;42(2):405-6 (15 ref.)
More precise localization of the human factor IX gene by in situ hybridization. Quirk S, et al. **Cytogenet Cell Genet** 1985;39(2):121-4
The human genes for hemophilia A and hemophilia B flank the X chromosome fragile site at Xq27.3. Purrello M, et al. **EMBO J** 1985 Mar;4(3):725-9
Localization by in situ hybridization of the coagulation factor IX gene and of two polymorphic DNA probes with respect to the fragile X site. Mattei MG, et al. **Hum Genet** 1985; 69(4):327-31
Linkage and recombination between fragile X-linked mental retardation and the factor IX gene. Warren ST, et al. **Hum Genet** 1985;69(1):44-6
Characterization of three abnormal factor IX variants (Bm Lake Elsinore, Long Beach, and Los Angeles) of hemophilia-B. Evidence for defects affecting the latent catalytic site. Usharani P, et al. **J Clin Invest** 1985 Jan; 75(1):76-83
The genetic distance between the coagulation factor IX gene and the locus for the fragile X syndrome: clinical implications. Forster-Gibson CJ, et al. **J Neurogenet** 1985 Jun;2(3):231-7
Expression of active human clotting factor IX from recombinant DNA clones in mammalian cells. Anson DS, et al. **Nature** 1985 Jun 20-26;315(6021):683-5
Expression of active human factor IX in transfected cells. Busby S, et al. **Nature** 1985 Jul 18-24;316(6025):271-3
Active gamma-carboxylated human factor IX expressed using recombinant DNA techniques. de la Salle H, et al. **Nature** 1985 Jul 18-24;316(6025):268-70
Haemophilia B caused by a point mutation in a donor splice junction of the human factor IX gene. Rees DJ, et al. **Nature** 1985 Aug 15-21;316(6029):643-5
Carrier detection in haemophilia B using two further intragenic restriction fragment length polymorphisms. Winship PR, et al. **Nucleic Acids Res** 1984 Dec 11; 12(23):8861-72
Evidence for a prevalent dimorphism in the activation peptide of human coagulation factor IX. McGraw RA, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2847-51
Polymorphism of normal factor IX detected by mouse monoclonal antibodies. Wallmark A, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3839-43

IMMUNOLOGY

Immunoassays of factor IX antigen using monoclonal antibodies. Yoshioka A, et al. **Br J Haematol** 1985 Feb; 59(2):265-75
Hemophilia B variants. Yoshioka A. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1667-77
Characterisation of the tolerant state in a patient with haemophilia B after removal of high-titre factor IX antibodies. Zettervall O, et al. **Scand J Haematol** 1985 May; 34(5):446-54
Assay of factor IX antigen using an enzyme immuno assay. Parquet-Gernez A, et al. **Thromb Res** 1984 Sep 15; 35(6):703-12
[Immunoradiometric assay of factor IX antigen using monoclonal antibody and classification of hemophilia B] Yoshioka A, et al. **Rinsho Ketsueki** 1985 Feb;26(2):159-65 (Eng. Abstr.) (Jpn)
[Production of monoclonal antibodies against factor IX and their immunological characterization] Yoshioka A, et al. **Rinsho Ketsueki** 1985 Feb;26(2):153-8 (Eng. Abstr.) (Jpn)

ISOLATION & PURIFICATION

Coagulation Factor IX concentrate: method of preparation and assessment of potential in vivo thrombogenicity in animal models. Menache D, et al. **Blood** 1984 Dec; 64(6):1220-7
Immunoaffinity purification of factor IX (Christmas factor) by using conformation-specific antibodies directed against the factor IX-metal complex. Liebman HA, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3879-83
The isolation of prothrombin, Factor IX and Factor X from human Factor IX concentrates. Modi GJ, et al. **Thromb Res** 1984 Dec 15;36(6):537-47

METABOLISM

Activation of normal and abnormal human factor IX with trypsin. Monroe DM, et al. **Arch Biochem Biophys** 1985 May 1;238(2):490-6
Calcium binding to a human factor IXa derivative lacking gamma-carboxyglutamic acid: evidence for two high-affinity sites that do not involve beta-hydroxyaspartic acid. Morita T, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):841-7
Binding of human blood-coagulation Factors IXa and X to phospholipid membranes. Mertens K, et al. **Biochem J** 1984 Nov 1;223(3):599-605
The contribution of Ca2+ and phospholipids to the activation of human blood-coagulation Factor X by activated Factor IX. Mertens K, et al. **Biochem J** 1984 Nov 1;223(3):607-15
Cleavage and activation of human factor IX by serine proteases. Enfield DL, et al. **Blood** 1984 Oct;64(4):821-31
The binding of factor IXa to cultured bovine aortic endothelial cells. Induction of a specific site in the presence of factors VIII and X. Stern DM, et al. **J Biol Chem** 1985 Jun 10;260(11):6717-22
Structural and functional characteristics of activated human factor IX after chemical modification of gamma-carboxyglutamic acid residues. Straight DL, et al. **J Biol Chem** 1985 Mar 10;260(5):2890-3
Apparent intrinsic prothrombinase activity of human Factor X zymogen: identification with Factor VIII inhibitor bypassing activity (FEIBA). Estry DW, et al. **Thromb Res** 1984 Dec 15;36(6):549-62

PHARMACODYNAMICS

Factor IXa protects activated factor VIII against inactivation by activated protein C. Bertina RM, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):177-83

PHYSIOLOGY

Characterization of the clotting activities of structurally different forms of activated factor IX. Enzymatic properties of normal human factor IXa alpha, factor IXa beta, and activated factor IX Chapel Hill. Griffith MJ, et al. **J Clin Invest** 1985 Jan;75(1):4-10

SUPPLY & DISTRIBUTION

HTLV-III, haemophilia and blood transfusion [letter] Cash JD, et al. **Br Med J [Clin Res]** 1985 Aug 10; 291(6492):409-10

THERAPEUTIC USE

Agarose gel method: its usefulness in assaying factor VIII inhibitors, evaluating treatment and suggesting a mechanism of action for factor IX concentrates. Coots MC, et al. **Br J Haematol** 1985 Aug;60(4):735-50
Use of heat-treated clotting-factor concentrates in patients with haemophilia and a high exposure to HTLV-III. McGrath KM, et al. **Med J Aust** 1985 Jul 8;143(1):11-3
The response of an acquired Factor V inhibitor to activated Factor IX concentrate. Vickars LM, et al. **Transfusion** 1985 Jan-Feb;25(1):51-3
[Effect of preparation PPSB on coagulation and hemostasis in hemophilia B patients] Tarasova LN, et al. **Gematol Transfuziol** 1984 Aug;29(8):22-4 (Eng. Abstr.) (Rus)
[Viral hepatitis in hemophiliac patients treated with commercial concentrates of factors VIII and IX] Miranda ML, et al. **Med Clin (Barc)** 1985 Apr 6;84(13):516-9 (Eng. Abstr.) (Spa)

FACTOR IX DEFICIENCY see CHRISTMAS DISEASE

FACTOR X

ANALYSIS

Radioimmunoassays for protein C and factor X. Plasma antigen levels in abnormal hemostatic states. Epstein DJ, et al. **Am J Clin Pathol** 1984 Nov;82(5):573-81
Heterogeneity of hereditary and acquired factor X deficiencies by combined immunochemical and functional analyses. Fair DS, et al. **Br J Haematol** 1985 Feb; 59(2):235-48
Factor X antigen evaluation by means of a laser nephelometer

in health and disease. Girolami A, et al. **Clin Chim Acta** 1985 May 30;148(2):125–30

Excess of factor X antigen versus clotting counterpart in coumarin treated patients as determined by an Elisa method. Girolami A, et al. **Folia Haematol (Leipz)** 1985; 112(2):326–32

Elevated factor Xa activity in the blood of asymptomatic patients with congenital antithrombin deficiency. Bauer KA, et al. **J Clin Invest** 1985 Aug;76(2):826–36

Increased plasma level of clotting factors VII and X in hyperlipoproteinemia. Cucuianu M, et al. **Med Interne** 1985 Jan–Mar;23(1):37–43

Electrochemical activity determination of trypsin-like enzymes. IX. Factor X and Factor Xa in plasma and whole blood. Szubarga A, et al. **Thromb Res** 1984 Dec 15; 36(6):647–50

ANTAGONISTS & INHIBITORS

Inactivation of human blood coagulation factor X by chemical modification of gamma-carboxyglutamic acid residues. Sherrill GB, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):256–61

Effect of a pentosan polysulphate upon thrombin and factor Xa inactivation by antithrombin III. Scully MF, et al. **Biochem J** 1984 Sep 15;222(3):571–8

Inhibition of prothrombinase complex by plasma proteinase inhibitors. Ellis V, et al. **Biochemistry** 1984 Nov 20; 23(24):5882–7

The relative importance of thrombin inhibition and factor Xa inhibition to the antithrombotic effects of heparin. Buchanan MR, et al. **Blood** 1985 Jan;65(1):198–201

The anticoagulant mechanism of action of heparin in contact-activated plasma: inhibition of factor X activation. McNeely TB, et al. **Blood** 1985 May;65(5):1226–31

The potency of heparin-like activity of glycosaminoglycans released by human endothelial cells in culture. Shimada K, et al. **Experientia** 1985 May 15;41(5):671–3

The inhibition of platelet prothrombinase activity by prostacyclin. Zwaal RF, et al. **Haemostasis** 1984; 14(4):320–4

Practical considerations on the measurement of low molecular weight heparin anti-Xa activity. Aiach M, et al. **Semin Thromb Hemost** 1985 Apr;11(2):108–11

An investigation of the functional role of the carboxylic groups of heparin. Affinity for antithrombin III and anti-Xa activity of selectively carboxyl esterified heparin. Mardiguian J, et al. **Semin Thromb Hemost** 1985 Jan; 11(1):34–6

Amidolytic antifactor Xa assays in the laboratory evaluation of heparin and low molecular weight fractions. Walenga JM, et al. **Semin Thromb Hemost** 1985 Apr;11(2):100–7

Collagen derived octapeptide inhibits platelet procoagulant activity induced by the combined action of collagen and thrombin. Bevers EM, et al. **Thromb Res** 1985 Feb 1; 37(3):365–70

The effects of post-heparin plasma lipases on anti-Xa clotting activity. Williams SP, et al. **Thromb Res** 1985 Feb 1; 37(3):371–7

BIOSYNTHESIS

Impaired factor X and prothrombin activation associated with decreased phospholipid exposure in platelets from a patient with a bleeding disorder. Rosing J, et al. **Blood** 1985 Jun;65(6):1557–61

Macrophage factor X activator formation: metabolic requirements for synthesis of components. Shands JW Jr. **Blood** 1985 Jan;65(1):169–75

GENETICS

Clotting factors VII and X as useful markers of terminal deletion of chromosome 13. Pfeiffer RA, et al. **Hum Genet** 1985;69(2):192

Characterization of an almost full-length cDNA coding for human blood coagulation factor X. Fung MR, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3591–5

IMMUNOLOGY

[Detection of autoantibodies to blood coagulation factors by the passive hemagglutination reaction and by an immunoenzyme (ELISA) method] Tsybikov NN, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):467–9 (Eng. Abstr.) (Rus)

ISOLATION & PURIFICATION

Studies on interaction between coagulation factor X and plasmin. Takasugi S, et al. **Hiroshima J Med Sci** 1984 Dec; 33(4):785–8

A simple purification of human factor X using a high affinity monoclonal antibody immunoadsorbant. Church WR, et al. **Thromb Res** 1985 May 15;38(4):417–24

The isolation of prothrombin, Factor IX and Factor X from human Factor IX concentrates. Modi GJ, et al. **Thromb Res** 1984 Dec 15;36(6):537–47

METABOLISM

Binding of human blood-coagulation Factors IXa and X to phospholipid membranes. Mertens K, et al. **Biochem J** 1984 Nov 1;223(3):599–605

The contribution of Ca2+ and phospholipids to the activation of human blood-coagulation Factor X by activated Factor IX. Mertens K, et al. **Biochem J** 1984 Nov 1;223(3):607–15

Characterization of the interaction between factor Xa and bovine aortic endothelial cells. Rodgers GM, et al. **Biochim Biophys Acta** 1985 Mar 21;844(3):320–9

The role of activated human platelets in prothrombin and factor X activation. Rosing J, et al. **Blood** 1985 Feb; 65(2):319–32

Effects of heparin fractions of different affinities to antithrombin III and thrombin on the inactivation of thrombin and factor Xa by antithrombin III. Cerskus AL, et al. **Can J Biochem Cell Biol** 1984 Oct;62(10):975–83

Proteolytic activation of tissue plasminogen activator by plasma and tissue enzymes. Ichinose A, et al. **FEBS Lett** 1984 Oct 1;175(2):412–8

Loss of prothrombin and of factor Xa-factor Va interactions upon inactivation of factor Va by activated protein C. Guinto ER, et al. **J Biol Chem** 1984 Nov 25; 259(22):13986–92

Lipid mobility in the assembly and expression of the activity of the prothrombinase complex. Higgins DL, et al. **J Biol Chem** 1985 Mar 25;260(6):3604–12

The binding of factor IXa to cultured bovine aortic endothelial cells. Induction of a specific site in the presence of factors VIII and X. Stern DM, et al. **J Biol Chem** 1985 Jun 10;260(11):6717–22

Human prothrombinase complex assembly and function on isolated peripheral blood cell populations. Tracy PB, et al. **J Biol Chem** 1985 Feb 25;260(4):2119–24

Monocyte procoagulant activity in Whipple's disease. Ottaway CA, et al. **J Clin Immunol** 1984 Sep;4(5):348–58

A coagulation pathway on bovine aortic segments leading to generation of Factor Xa and thrombin. Stern DM, et al. **J Clin Invest** 1984 Dec;74(6):1910–21

Cellular processing of bovine factors X and Xa by cultured bovine aortic endothelial cells. Nawroth PP, et al. **J Exp Med** 1985 Aug 1;162(2):559–72

Increased prothrombinase binding sites in unstimulated platelets from a protein C deficient patient [letter] Scully MF, et al. **Thromb Haemost** 1984 Jul 29;51(3):407

Apparent intrinsic prothrombinase activity of human Factor X zymogen: identification with Factor VIII inhibitor bypassing activity (FEIBA). Estry DW, et al. **Thromb Res** 1984 Dec 15;36(6):549–62

PHARMACODYNAMICS

Coagulant factor Xa inhibits prostacyclin formation in human endothelial cells. Role of factor V. Sinha AK, et al. **Arteriosclerosis** 1985 May–Jun;5(3):244–9

Origin of a fluorescence increase accompanying the limited proteolysis of fluorescein-labeled human prothrombin by Factor Xa. Morrison SA. **Int J Pept Protein Res** 1984 Oct; 24(4):377–85

PHYSIOLOGY

Inhibition of tissue factor/factor VIIa activity in plasma requires factor X and an additional plasma component. Sanders NL, et al. **Blood** 1985 Jul;66(1):204–12

Factor X. Jackson CM. **Prog Hemost Thromb** 1984;7:55–109 (388 ref.)

Quantitative features of the structure, function and modulation of prothrombinase. Nesheim ME. **Surv Synth Pathol Res** 1984;3(3):219–32 (40 ref.)

FACTOR X DEFICIENCY see under **HYPOPROTHROMBINEMIAS**

FACTOR XI

ANALYSIS

[Artificial deficient plasma for the determination of the activity of coagulation factor XI] Lutze G, et al. **Z Med Lab Diagn** 1984;25(8):427–31 (Eng. Abstr.) (Ger)

ANTAGONISTS & INHIBITORS

Inhibitors of plasma thromboplastin antecedent (factor XI): studies on mechanism of inhibition. Goldsmith GH Jr, et al. **J Lab Clin Med** 1985 Sep;106(3):279–85

Acquired factor XI inhibitors in two patients with hereditary factor XI deficiency. Morgan K, et al. **Thromb Haemost** 1984 Jul 29;51(3):371–5

IMMUNOLOGY

Comparison of bleeding tendency, factor XI coagulant activity, and factor XI antigen in 25 factor XI-deficient kindreds. Ragni MV, et al. **Blood** 1985 Mar;65(3):719–24

METABOLISM

Cleavage of human high molecular weight kininogen by factor XIa in vitro. Effect on structure and function. Scott CF, et al. **J Biol Chem** 1985 Sep 5;260(19):10856–63

Functional characterization of human blood coagulation factor XIa using hybridoma antibodies. Sinha D, et al. **J Biol Chem** 1985 Sep 5;260(19):10714–9

[A study on platelet Factor XI-like activity in a family with congenital Factor XI deficiency] Kusumi S, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1313–9 (Eng. Abstr.) (Jpn)

PHYSIOLOGY

The possible role of platelets in bypassing the contact phase of blood coagulation. Walsh PN, et al. **Haematologia (Budap)** 1984;17(2):169–78

The effect of synthetic polymer surfaces on the activation of factor XI in plasma: influence of heparin. Mannhalter C, et al. **Thromb Res** 1984 Sep 15;35(6):713–8

FACTOR XI DEFICIENCY

BLOOD

Acquired factor XI inhibitors in two patients with hereditary factor XI deficiency. Morgan K, et al. **Thromb Haemost** 1984 Jul 29;51(3):371–5

[Artificial deficient plasma for the determination of the activity of coagulation factor XI] Lutze G, et al. **Z Med Lab Diagn** 1984;25(8):427–31 (Eng. Abstr.) (Ger)

COMPLICATIONS

Coronary artery bypass in hereditary factor XI deficiency. Brunken R, et al. **Ann Thorac Surg** 1984 Oct;38(4):406–8

Combined dys-form of homozygous factor XI deficiency and heterozygous factor XII deficiency. Hellstern P, et al. **Haemostasis** 1985;15(3):215–9

Spontaneous hematomyelia secondary to factor XI deficiency. Case report. Wisoff JH, et al. **J Neurosurg** 1985 Aug;63(2):293–5

[Fractures in hemophilia patients] Markakis P, et al. **Unfallchirurgie** 1984 Aug;10(4):173–6 (Eng. Abstr.) (Ger)

FAMILIAL & GENETIC

Comparison of bleeding tendency, factor XI coagulant activity, and factor XI antigen in 25 factor XI-deficient kindreds. Ragni MV, et al. **Blood** 1985 Mar;65(3):719–24

[A study on platelet Factor XI-like activity in a family with congenital Factor XI deficiency] Kusumi S, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1313–9 (Eng. Abstr.) (Jpn)

FACTOR XII

Prekallikrein activator [letter] Gallimore MJ, et al. **Thromb Haemost** 1984 Dec 29;52(3):366

ANALYSIS

The influence of estrogen and prolactin on Hageman factor (factor XII) titer in ovariectomized and hypophysectomized rats. Gordon EM, et al. **Blood** 1985 Sep;66(3):602–5

Assessment of Hageman factor activation in human plasma: quantification of activated Hageman factor-C1 inactivator complexes by an enzyme-linked differential antibody immunosorbent assay. Kaplan AP, et al. **Blood** 1985 Sep; 66(3):636–41

Amino acid sequence of the heavy chain of human alpha-factor XIIa (activated Hageman factor). McMullen BA, et al. **J Biol Chem** 1985 May 10;260(9):5328–41

Reduction of contact factors in sickle cell disease. Gordon EM, et al. **J Pediatr** 1985 Mar;106(3):427–30

PKA contamination of immunoglobulin G [letter] Eibl MM. **N Engl J Med** 1985 Aug 29;313(9):581

Abnormalities of contact factors in nephrotic syndrome. Kinoshita T, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):228–35

Hageman factor (factor XII) in cerebrovascular diseases. Shinmyozu K, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):212–23

Determination of factor XII by functional assay with fluorogenic substrate and enzyme immunoassay. Yoshikawa I, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb; 48(1):176–87

ANTAGONISTS & INHIBITORS

Effect of heparin on the inactivation rate of human activated factor XII by antithrombin III. Pixley RA, et al. **Blood** 1985 Jul;66(1):198–203

Isolation of bovine platelet cationic proteins which inhibit the surface-mediated activation of factor XII and prekallikrein. Kodama K, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):139–51

The regulation of human factor XIIa by plasma proteinase inhibitors. Pixley RA, et al. **J Biol Chem** 1985 Feb 10; 260(3):1723–9

Inhibition of Hageman factor (factor XII) by popcorn inhibitor. Kambhu SA, et al. **J Lab Clin Med** 1985 May; 105(5):625–8

BIOSYNTHESIS

Surface-dependent activation of human factor XII (Hageman factor) by kallikrein and its light chain. Rosing J, et al. **Eur J Biochem** 1985 Sep 16;151(3):531–8

BLOOD

Activation of factor XII-dependent pathways in human plasma by hematin and protoporphyrin. Becker CG, et al. **J Clin Invest** 1985 Aug;76(2):413–9

DIAGNOSTIC USE

[Determination of plasma prekallikrein using beta-XIIa (Hageman factor fragment)] Komiyama Y, et al. **Rinsho Byori** 1984 May;32(5):558–62 (Jpn)

IMMUNOLOGY

Production and characterization of a murine monoclonal antibody against a heavy chain of Hageman factor (factor XII). Saito H, et al. **Blood** 1985 May;65(5):1263–8

A monoclonal antibody that inhibits activation of human Hageman factor (factor XII). Small EJ, et al. **Blood** 1985 Jan;65(1):202–10

ISOLATION & PURIFICATION

Hageman factor in experimental nephrotoxic nephritis in the rabbit. Wiggins RC. **Lab Invest** 1985 Sep;53(3):335–48

METABOLISM

Kinetic studies on surface-mediated activation of bovine factor XII and prekallikrein. Effects of kaolin and high-Mr kininogen on the activation reactions. Sugo T, et al. **Eur J Biochem** 1985 Jan 2;146(1):43–50

Pathogenesis of serratial infection: activation of the Hageman factor-prekallikrein cascade by serratial protease. Matsumoto K, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):739–49

Activation of factor XII and prekallikrein with polysaccharide sulfates and sulfatides: comparison with kaolin-mediated activation. Shimada T, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):429–39

Interaction of factor XII, high-molecular-weight (HMW) kininogen and prekallikrein with sulfatide: analysis by fluorescence polarization. Shimada T, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1637–44

Cold promoted activation and factor XII, prekallikrein and C1-inhibitor. Czendlik C, et al. **Thromb Haemost** 1985 Apr 22;53(2):242–4

[Determination of factor XII, plasma prekallikrein and factor V in patients with thrombophilic states] Stürzebecher J, et al. **Folia Haematol (Leipz)** 1984;111(4):492–6 (Eng. Abstr.) (Ger)

[Coagulation factor XII deficiency, a contribution to thrombophilia] Klare M. **Z Gesamte Inn Med** 1984 Nov 15;39(22):562–4 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

[Role of bradykinin in hypotension induced by the active factor derived from factor XII] Waeber B, et al. **Schweiz Med Wochenschr** 1984 Dec 1;114(48):1749–51 (Eng. Abstr.) (Fre)

PHYSIOLOGY

The possible role of platelets in bypassing the contact phase of blood coagulation. Walsh PN, et al. **Haematologia (Budap)** 1984;17(2):169–78

A serratial protease causes vascular permeability reaction by activation of the Hageman factor-dependent pathway in guinea pigs. Kamata R, et al. **Infect Immun** 1985 Jun;48(3):747–53

Activation and inhibition of Hageman factor-dependent pathways and the complement system in uncomplicated bacteremia or bacterial shock. Kalter ES, et al. **J Infect Dis** 1985 Jun;151(6):1019–27

Activation of the plasma kallikrein-kinin system through activation of factor XII. Katori M, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):187–91

Current concepts on the activation of Hageman factor (factor XII). Saito H. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):170–6

Present knowledge on contact factors. Theoretical and practical aspects. Soulier JP, et al. **Rev Fr Transfus Immunohematol** 1984 Dec;27(6):785–805 (68 ref.)

Activation of factor XII and prekallikrein with cholesterol sulfate. Shimada T, et al. **Thromb Res** 1985 Apr 1;38(1):21–31

STANDARDS

Standardization of prekallikrein activator (PKA): the 1st International Standard for PKA. Kerry PJ, et al. **Br J Haematol** 1985 Jun;60(2):345–52

FACTOR XII DEFICIENCY

[Factor XII deficiency] Vera C, et al. **Bilt Hematol Transfuz** 1984;12(2):59–63 (Eng. Abstr.) (Ser)

BLOOD

Captopril-induced changes on active and inactive renin in a patient with factor XII congenital deficiency. Patrassi GM, et al. **Res Exp Med (Berl)** 1985;185(3):217–20

[Coagulation factor XII deficiency, a contribution to thrombophilia] Klare M. **Z Gesamte Inn Med** 1984 Nov 15;39(22):562–4 (Eng. Abstr.) (Ger)

COMPLICATIONS

Myocardial infarction with normal coronary arteries and factor XII deficiency. Penny WJ, et al. **Br Heart J** 1985 Feb;53(2):230–4

Combined dys-form of homozygous factor XI deficiency and heterozygous factor XII deficiency. Hellstern P, et al. **Haemostasis** 1985;15(3):215–9

[Thrombophlebitis and pulmonary embolism in congenital factor XII deficiency] Vergnes C, et al. **Arch Mal Coeur** 1985 Mar;78(3):440–3 (Eng. Abstr.) (Fre)

CONGENITAL

[Congenital factor XII deficiency: a rare cause of increased activated cephalin time] Sonnenfeld H, et al. **Ann Fr Anesth Reanim** 1985;4(4):378–9 (Eng. Abstr.) (Fre)

FACTOR XIII

Fibrin glue in tympanoplasty. Marquet J. **Am J Otol** 1985 Jan;6(1):28–30

Fibrin glue: an effective hemostatic agent for nonsuturable intraoperative bleeding. Rousou JA, et al. **Ann Thorac Surg** 1984 Oct;38(4):409–10

[Inactivation of viruses in Factor XIII concentrate by pasteurization] Mauler R, et al. **Arzneimittelforsch** 1984;34(11):1524–7 (Eng. Abstr.) (Ger)

[The human fibrin adhesive system—Tissucol in surgical medicine] Jankuloski A. **Vojnosanit Pregl** 1985 Jan-Feb;42(1):44–51 (Ser)

ADMINISTRATION & DOSAGE

[Preoperative endovascular embolization with homologous fibrin] Richling B. **Fortschr Med** 1985 Apr 18;103(15):401–3 (Eng. Abstr.) (Ger)

ADVERSE EFFECTS

[The secretion inhibition effect of fibrin glue in mastectomy scars. A prospective, randomized, clinically controlled study] Nielsen BP, et al. **Ugeskr Laeger** 1985 Jun 17;147(25):1995–6 (Eng. Abstr.) (Dan)

ANALYSIS

Kinetic determination of blood coagulation Factor XIII in plasma. Muszbek L, et al. **Clin Chem** 1985 Jan;31(1):35–40

Clinical studies on plasma fibronectin and factor XIII; with special reference to hyperlipoproteinemia. Cucuianu M, et al. **Clin Chim Acta** 1985 Apr 30;147(3):273–81

Identification of blood coagulation factor XIII in human peritoneal macrophages. Adány R, et al. **Eur J Cell Biol** 1985 Jul;38(1):171–3

Identification of intracellular factor XIII in human monocytes and macrophages. Henriksson P, et al. **J Clin Invest** 1985 Aug;76(2):528–34

Immunocytochemical localization of albumin and factor XIII in thin cryo sections of human blood platelets. Sixma JJ, et al. **Thromb Haemost** 1984 Jul 29;51(3):388–91

Quantitation of factor XIII by SDS polyacrylamide gel electrophoresis. Godal HC, et al. **Thromb Res** 1984 Sep 1;35(5):577–82

[The healing process of peptic ulcer and coagulation factor XIII] Shizawa Y. **Nippon Shokakibyo Gakkai Zasshi** 1984 Jul;31(7):1559–68 (Eng. Abstr.) (Jpn)

BIOSYNTHESIS

Measurement of blood coagulation Factor XIIIa formation in plasma containing glycyl-L-prolyl-L-arginyl-L-proline. Miraglia CC, et al. **Anal Biochem** 1985 Jan;144(1):165–71

GENETICS

A structural locus for coagulation factor XIIIA (F13A) is located distal to the HLA region on chromosome 6p in man. Olaisen B, et al. **Am J Hum Genet** 1985 Jan;37(1):215–20

Cystic fibrosis; hint of linkage with F13B. Eiberg H, et al. **Clin Genet** 1985 Feb;27(2):206

Confirmation of F13A assignment and sequence information concerning F13A-HLA-GLO. Eiberg H, et al. **Clin Genet** 1984 Nov;26(5):385–8

The gene for coagulation factor XIII a subunit (F13A) is distal to HLA on chromosome 6. Board PG, et al. **Hum Genet** 1984;67(4):406–8

Linkage between the loci for mitochondrial malic enzyme (ME2) and coagulation factor XIIIA subunit (F13A). Kömpf J, et al. **Hum Genet** 1985;70(1):43–4

An extended survey of the genetic polymorphism at the human coagulation factor XIII: a subunit structural locus. Castle SL, et al. **Hum Hered** 1985;35(2):101–6

[Forensic application of the polymorphism of coagulation factor VIIIB] Pytlik C, et al. **Z Rechtsmed** 1984;93(3):175–80 (Eng. Abstr.) (Ger)

ISOLATION & PURIFICATION

Fibrin glue [letter] Ashraf H, et al. **Ann Thorac Surg** 1985 Aug;40(2):205

Preparation of fibrin glue from single-donor fresh-frozen plasma. Dresdale A, et al. **Surgery** 1985 Jun;97(6):750–5

METABOLISM

The effect of fibrin polymers on thrombin-catalyzed plasma factor XIIIa formation. Greenberg CS, et al. **Blood** 1985 Aug;66(2):466–9

Specific binding of blood coagulation factor XIIIa to thrombin-stimulated platelets. Greenberg CS, et al. **J Biol Chem** 1984 Dec 10;259(23):14721–7

Cleavage of blood coagulation factor XIII and fibrinogen by thrombin during in vitro clotting. Greenberg CS, et al. **J Clin Invest** 1985 May;75(5):1463–70

Plasma and platelet fibrin-stabilizing factor activity in rats intoxicated with phenylmercuric acetate. Michalska M, et al. **Pol J Pharmacol Pharm** 1984 Nov-Dec;36(6):611–5

Factor XIII of blood coagulation in human monocytes. Muszbek L, et al. **Thromb Res** 1985 Feb 1;37(3):401–10

A new rapid and simple assay for factor XIII activity using dansylcadaverine incorporation and gel filtration. Nishida Y, et al. **Thromb Res** 1984 Oct 15;36(2):123–31

[Characteristics of the effect of thrombin on macromolecular substrates] Sereiskaia AA, et al. **Dokl Akad Nauk SSSR** 1985;282(2):481–4 (Rus)

PHARMACODYNAMICS

Factor XIII inhibits epidermal cell migration in vitro. Hashimoto T, et al. **J Invest Dermatol** 1984 Dec;83(6):441–4

THERAPEUTIC USE

Fibrinous tissue glue in artery anastomosis. Physiological, histological and scanning evaluation. Decleer W, et al. **Acta Chir Belg** 1985 Mar-Apr;85(2):121–4

Bone healing stimulated by plasma factor XIII. Osteotomy experiments in sheep. Claes L, et al. **Acta Orthop Scand** 1985 Feb;56(1):57–62

Fibrin tissue adhesive and glass ceramic strut for ossicular chain replacement. Electrophysiologic and histologic findings. Siedentop KH, et al. **Am J Otol** 1985 May;6(3):272–5

Use of fibrin glue in thoracic surgery. Jessen C, et al. **Ann Thorac Surg** 1985 Jun;39(6):521–4

Histological findings in sutured and fibrin-glued microvascular anastomosis. Brunner FX. **Arch Otorhinolaryngol** 1984;240(3):311–8

Application of fibrin glue to burns. Its haemostatic and skin transplant fixation effects in the excised wound. Ihara N, et al. **Burns Incl Therm Inj** 1984 Aug;10(6):396–404

'Tissucol' in spinal surgery. Liguori R, et al. **J Neurosurg Sci** 1984 Jul-Dec;28(3–4):187–90

Fibrin seal: the state of the art. Matras H. **J Oral Maxillofac Surg** 1985 Aug;43(8):605–11

Sutures or fibrin glue for divided rat nerves: Schwann cell and muscle metabolism. Becker CM, et al. **Microsurgery** 1985;6(1):1–10

Glued fixation of split-skin graft to the bony orbit following exenteration. Härting F, et al. **Plast Reconstr Surg** 1985 Oct;76(4):633–5

Closure of carotid-cavernous fistulae by use of a fibrin adhesive system. Hasegawa H, et al. **Surg Neurol** 1985 Jul;24(1):23–6

A suspension of fibrin glue and antibiotic for local treatment of mycotic aneurysms in endocarditis—an experimental study. Deyerling W, et al. **Thorac Cardiovasc Surg** 1984 Dec;32(6):369–72

Surgical treatment of liver injuries by application of Fibrinkleber. Giakoustidis E, et al. **World J Surg** 1985 Feb;9(1):144–8

[The use of a human fibrin glue system in maxillofacial surgery] Cesteleyn L, et al. **Acta Stomatol Belg** 1985 Mar;82(1):7–25 (Dut)

[Closure of a fistula using fibrin glue] Bouvy LA, et al. **Ned Tijdschr Geneeskd** 1984 Dec 8;128(49):2306–7 (Eng. Abstr.) (Dut)

[Injections of fibrin glue in severe epistaxis and Rendu-Osler disease] Martin H, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(7):561–3 (Eng. Abstr.) (Fre)

[Long-term treatment of systemic scleroderma with coagulation factor XIII. Developmental monitoring, especially of respiratory function] Euller-Ziegler L, et al. **Rev Rhum Mal Osteoartic** 1984 Oct;51(9):503–5 (Fre)

[Value of Tissucol in dentistry and maxillofacial surgery] Seguin P, et al. **Rev Stomatol Chir Maxillofac** 1985;86(3):189–91 (Eng. Abstr.) (Fre)

[Factor XIII in the treatment of postoperative refractory wound-healing disorders. Results of a controlled study] Mishima Y, et al. **Chirurg** 1984 Dec;55(12):803–8 (Eng. Abstr.) (Ger)

[Therapy of Achilles tendon rupture in athletes. Advantages of fibrin gluing] Paar O, et al. **Fortschr Med** 1984 Nov 22;102(43):1106–8 (Eng. Abstr.) (Ger)

[Fibrin glue in neurosurgery. Areas of use and experiences] Schäfer M, et al. **Fortschr Med** 1985 May 23;103(20):545–7 (Eng. Abstr.) (Ger)

[Use of fibrin glue in pronounced Dupuytren contracture] Eide E, et al. **Handchir Mikrochir Plast Chir** 1985 May;17(3):145–6 (Eng. Abstr.) (Ger)

[Use of fibrin glue in microsurgery of the ear. An analysis of operations at the Pisa ENT Clinic] Piragine F, et al. **HNO** 1985 Apr;33(4):159–61 (Eng. Abstr.) (Ger)

[Fibrin glue to prevent hematomas after rhinosurgical interventions] Schöefeld R. **HNO** 1985 Apr;33(4):156–8 (Eng. Abstr.) (Ger)

[A suggestion concerning the technic of using fibrin glue in tympanoplasty] Reuss GU. **Laryngol Rhinol Otol (Stuttg)** 1984 Nov;63(11):580–1 (Eng. Abstr.) (Ger)

[Does human fibrin glue improve results in tympanoplasty?] Strauss P, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Dec;63(12):615–7 (Eng. Abstr.) (Ger)

[3 years' experience with concentrated autogenous fibrin glue in plastic ENT surgery] Wolf G, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Feb;64(2):89–92 (Eng. Abstr.) (Ger)

[Use of human fibrin glue in the closure of vesicovaginal fistulas] Papadopoulos I, et al. **Urol Int** 1985;40(3):141–4 (Eng. Abstr.) (Ger)

[Treatment of multifragmentary fractures of the metacarpus with fibrin glue] Carozzi S. **Chir Ital** 1983 Aug;35(4):582–5 (Eng. Abstr.) (Ita)

[Treatment of pseudoarthrosis of the carpal scaphoid with fibrin glue] Carozzi S. **Chir Ital** 1983 Aug;35(4):615–20 (Eng. Abstr.) (Ita)

[Cicatrization of wounds: the protective effect of fibrin glue?] Galletti G, et al. **Minerva Chir** 1985 Apr 15;40(7):377–80 (Ita)

[The use of fibrin glue in neurosurgical operations] Fukumoto T, et al. **No Shinkei Geka** 1985 Apr;13(4):367–73 (Eng. Abstr.) (Jpn)

[Personal experience in the use of Tissucol in osteoarticular surgery] Jankuloski A, et al. **Vojnosanit Pregl** 1985 Mar–Apr;42(2):101–5 (Eng. Abstr.) (Ser)

[Coagulum pyelolithotomy with fibrin adhesive] Pedrajas A, et al. **Actas Urol Esp** 1984 Nov–Dec;8(6):445–50 (Eng. Abstr.) (Spa)

[Application of fibrin adhesive in the surgery of complex renal lithiasis] Pedrajas Gámiz A, et al. **Arch Esp Urol** 1984 Nov–Dec;37(6):503–9 (Eng. Abstr.) (Spa)

FACTOR XIII DEFICIENCY

COMPLICATIONS

[Posthemorrhagic hydranencephaly in the fetal period with deficiency of factor XIII (fibrin stabilizing factor)] Ohtani K, et al. **No To Hattatsu** 1985 Jan;17(1):59–63 (Eng. Abstr.) (Jpn)

CONGENITAL

A case of congenital factor XIII deficiency. Czestochowska E, et al. **Folia Haematol (Leipz)** 1985;112(1):185–90

Tooth extraction in two patients who had a congenital deficiency of factor XIII. Suzuki H, et al. **J Oral Maxillofac Surg** 1985 Mar;43(3):221–4

[3 operated cases of congenital deficiency of Factor XIII associated with intracranial hematomas] Shigemori M, et al. **No Shinkei Geka** 1984 Sep;12(10):1167–71 (Eng. Abstr.) (Jpn)

FAMILIAL & GENETIC

Congenital factor XIII deficiency: type I and type II disease [letter] Girolami A, et al. **Br J Haematol** 1985 Jun;60(2):375–7

Neonatal factor XIII deficiency. Landman J, et al. **Clin Pediatr (Phila)** 1985 Jun;24(6):352–3

FACTOR ANALYSIS, STATISTICAL

Factor analysis as a tool in community diagnosis. Zyzanski SJ, et al. **Fam Pract** 1984 Dec;1(4):202–10

The relationship between anxiety and depression. A review of some principal component analytic studies. Mullaney JA. **J Affective Disord** 1984 Oct;7(2):139–48

The internal structure of a time estimation task. Saunders DR. **Percept Mot Skills** 1985 Apr;60(2):618

FACTOR CONSTRUCT RATING SCALES (FCRS) see PSYCHIATRIC STATUS RATING SCALES

FACULTY

Sex role traditions and retirement from academe. Kaye LW, et al. **Gerontologist** 1984 Aug;24(4):420–6

Comparative study of physiotherapy educators in Great Britain, Nigeria and the United States. Nwuga VC. **Int J Rehabil Res** 1984;7(4):419–25

Tenure and the allied health professions: issues and alternatives. Mettler P, et al. **J Allied Health** 1985 Feb;14(1):119–27

A new approach to health education inservice training. Lawrenz F. **J Sch Health** 1984 Oct;54(9):353–4

The Yeshiva decision: implications for nursing education. McCain N. **Nurs Outlook** 1985 Sep–Oct;33(5):216–7, 251

Comparison of professional activities of nurse doctorates and other women academics. Lia-Hoagberg B. **Nurs Res** 1985 May–Jun;34(3):155–9

[A contemporary model of environmental health sciences: its application in the recruitment of faculty and in academic development] Guidotti TL, et al. **Educ Med Salud** 1985;19(2):173–86 (Eng. Abstr.) (Spa)

STANDARDS

Into the looking glass: self-assessment for allied health faculty development. Phelps JL, et al. **J Allied Health** 1985 Feb;14(1):43–51

Competencies of Florida school health educators. Sutherland M, et al. **J Sch Health** 1984 Oct;54(9):358–9

SUPPLY & DISTRIBUTION

Professional development: clinician to academician. Mitchell MM. **Am J Occup Ther** 1985 Jun;39(6):368–73

Dental radiology instructors in United States dental hygiene programs. Farman AG, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):335–40

FACULTY, DENTAL

The dental educator. Moore RN. **J Am Coll Dent** 1984 Winter;51(4):22–31

Diagnosis and treatment decisions when using bitewing radiographs—a comparison between two dental schools. Mileman P, et al. **J Dent** 1985 Jun;13(2):140–51

Scholarship and dental education: new perspectives for clinical faculty. Albino JE. **J Dent Educ** 1984 Sep;48(9):509–13

Description of a faculty-student group practice. Colangelo GA, et al. **J Dent Educ** 1985 Mar;49(3):154–8

Alternatives to traditional tenure. Kennedy JE. **J Dent Educ** 1984 Sep;48(9):506–8

Compliance with a hepatitis B vaccination program. Kwon HJ, et al. **J Dent Educ** 1984 Oct;48(10):563–5

Addressing the negative impact of scholarship on dental education. Mackenzie RS. **J Dent Educ** 1984 Sep;48(9):496–9

Dimensions of faculty evaluation of chair behaviors. Romberg E. **J Dent Educ** 1985 Aug;49(8):584–8

Requirements for faculty scholarship in universities and dental schools: implications for promotion, tenure, and the dual-track system. Smith RJ. **J Dent Educ** 1984 Sep;48(9):500–5

Characteristics of dental educators academic year 1984–85. Stoll DJ, et al. **J Dent Educ** 1985 Apr;49(4):258–61

PSYCHOLOGY

Student perception of faculty role models. Lange B, et al. **J Dent Educ** 1985 Mar;49(3):159–61, 164–8

FACULTY, MEDICAL

Selection of surgical chairmen [editorial] Shumacker HB Jr. **Am J Surg** 1985 Sep;150(3):291–4

The GPEP report: III. Faculty involvement [editorial] Barondess JA. **Ann Intern Med** 1985 Sep;103(3):454–5

Academic general practice. Horder J. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1117–8

The balance between research and medical education depends on scholarship [editorial] Burrow GN. **Can Med Assoc J** 1985 Mar 1;132(5):514–5

Medical teacher and his pedagogical training (experience with Bratislavian system of training the assistants for pedagogical activity in postgraduate education of physicians and pharmacists). Badalík L, et al. **Czech Med** 1984;7(3):129–34

Survey of anatomists in academia. Zimny ML, et al. **J Am Med Wom Assoc** 1985 Mar–Apr;40(2):54–6

A method to determine attitudes of faculty members toward use of laboratory tests. Berner ES, et al. **J Med Educ** 1985 May;60(5):374–8

Multidisciplinary team production of computer-based simulations to teach pediatrics. Bidwell CM, et al. **J Med Educ** 1985 May;60(5):397–403

Faculty development in family medicine: a survey of needs and resources. Frisch SR, et al. **J Med Educ** 1984 Oct;59(10):831–3

Perceptions of medical school faculty members and students on clinical clerkship feedback. Gil DH, et al. **J Med Educ** 1984 Nov;59(11 Pt 1):856–64

Academic clinicians without residency training programs. Greenblatt SH, et al. **J Med Educ** 1985 Aug;60(8):641–4

The role of the faculty adviser in a family medicine residency. Krick JP, et al. **J Med Educ** 1985 Jan;60(1):60–2

Faculty perceptions of the McMaster M.D. program. McAuley RG, et al. **J Med Educ** 1984 Oct;59(10):842–3

Status and teaching ability of preceptors in a first-year clinical course. Margolis CF, et al. **J Med Educ** 1985 May;60(5):410–2

Inflation and medical school faculty salaries. Smith WC Jr. **J Med Educ** 1985 Jan;60(1):72–4

Faculty satisfaction, activity, and demographics: a comparison of family practice and orthopaedic surgery faculty. Fogarty JP, et al. **Milit Med** 1985 Jan;150(1):15–8

Family Medicine Faculty Development Research Fellowship in the United States Army: a new career pathway. Moore RG Jr, et al. **Milit Med** 1985 Mar;150(3):126–8

The relation of faculty academic activity to financing sources in a department of medicine [letter] **N Engl J Med** 1985 Aug 29;313(9):584–6

The relation of faculty academic activity to financing sources in a department of medicine. Chin D, et al. **N Engl J Med** 1985 Apr 18;312(16):1029–34

The 'retired' chairman syndrome: a twentieth-century disease. Alexander E Jr. **Pharos** 1984 Summer;47(3):16–9

Transition from residency training to academia. Misiaszek J, et al. **Psychiatr Q** 1984 Fall;56(3):209–14

Presidential address: the cost of academic citizenship. Flint LM. **Surgery** 1985 Aug;98(2):131–4

[Scientific basis of the curator's activities in students' groups] Bykova LA, et al. **Pediatriia** 1985 Feb;(2):65–7 (Rus)

STANDARDS

The fables and foibles of academe. Petersdorf RG. **Am J Otolaryngol** 1985 Mar–Apr;6(2):59–65

Requirements for an effective nutrition teaching program in medical schools: essential personnel and medical center resources. Pi-Sunyer FX, et al. **Bull NY Acad Med** 1984 Jul–Aug;60(6):675–86

Evaluation of surgical faculty and surgical undergraduate teaching. Postuma R. **Can J Surg** 1985 Jul;28(4):351–4

Students' ratings of instructors in a multidiscipline course. Thompson WG. **J Med Educ** 1985 Feb;60(2):130–5

Pediatric generalists in an academic setting. Adler R, et al. **Pediatrics** 1985 Aug;76(2):307–8

SUPPLY & DISTRIBUTION

Manpower needs and supply in academic pathology. Smith RD, et al. **Arch Pathol Lab Med** 1985 Oct;109(10):889–93

Trends in obstetric-gynecologic academic manpower—1983. Pearse WH, et al. **Obstet Gynecol** 1985 Jan;65(1):147–50

FACULTY, NURSING

Faculty burnout. Phillips JR. **Am J Nurs** 1984 Dec;84(12):1525–6

Deans identify factors which inhibit and facilitate nursing research. Copp LA. **J Adv Nurs** 1984 Sep;9(5):513–7

Nursing careers: findings of a follow-up survey of graduates of the nursing education and administration certificate courses of the Department of Nursing Studies, University of Edinburgh, 1958–1975. Hardy LK, et al. **J Adv Nurs** 1984 Nov;9(6):611–8

Important clinical teacher behaviours as perceived by university nursing faculty, students and graduates. Knox JE, et al. **J Adv Nurs** 1985 Jan;10(1):25–30

Educational achievement of nurses who completed the nursing education and the nursing administration certificate courses of the Department of Nursing Studies, University of Edinburgh, 1958–1975. Sinclair HC, et al. **J Adv Nurs** 1984 Nov;9(6):603–9

Student unrest: a challenge for nurse educators. Wong J, et al. **J Adv Nurs** 1985 May;10(3):237–44

Faculty practice policy. Bellinger K, et al. **J Nurs Educ** 1985 May;24(5):214–6

Role issues and the nurse educator. Charron SA. **J Nurs Educ** 1985 Feb;24(2):77–9

Self-identified stressors in the role of nursing faculty. Hinds PS, et al. **J Nurs Educ** 1985 Feb;24(2):63–8

Change: introducing computer-assisted instruction (CAI) to a college of nursing faculty. Kadner K. **J Nurs Educ** 1984 Oct;23(8):349–50

Faculty and administrator perceptions of decision making. O'Kane PK. **J Nurs Educ** 1984 Oct;23(8):329–31

Helping the pregnant student stay in school. Picot SJ. **J Nurs Educ** 1985 Apr;24(4):158–61

Collective bargaining in the service setting: a survey of faculty attitudes. Tilbury MS. **J Nurs Educ** 1984 Sep;23(7):278–83

Locus of decision making in schools of nursing. Wakefield-Fisher M. **J Nurs Educ** 1985 Feb;24(2):82–4

Preparing nurse-educators. Who should teach undergraduates? Horowitz JA, et al. **J Psychosoc Nurs Ment Health Serv** 1985 Feb;23(2):36–8

Faculty practice in primary care. Free T, et al. **Nurs Outlook** 1985 Jul–Aug;33(4):192–4

Clarifying tenure requirements. Freeman LH, et al. **Nurs Outlook** 1985 Jan–Feb;33(1):43–5

Flies in the ointment. An ethical perspective on dual relationships in psychosocial nursing education. Ivan M, et al. **Nurs Outlook** 1985 Jan–Feb;33(1):9–10, 47

The Yeshiva decision: implications for nursing education. McCain N. **Nurs Outlook** 1985 Sep–Oct;33(5):216–7, 251

Group faculty practice. Nettles-Carlson B, et al. **Nurs Outlook** 1985 Jul–Aug;33(4):170–4

Faculty practice: something for everyone. Nichols C. **Nurs Outlook** 1985 Mar–Apr;33(2):85–90

It often falls short of nirvana, but.... O'Neill E. **Nurs Outlook** 1985 Sep–Oct;33(5):229–30

Faculty practice that works: two examples. We call it clinical consultancy. Polifroni EC, et al. **Nurs Outlook** 1985 Sep–Oct;33(5):226–8

How to choose a thesis committee. Zlotnick C. **Nurs Outlook** 1984 Nov–Dec;32(6):346

Comparison of professional activities of nurse doctorates and other women academics. Lia-Hoagberg B. **Nurs Res** 1985 May–Jun;34(3):155–9

The unification model in nursing: a study of receptivity among nurse educators in the United States. Yarcheski A, et al. **Nurs Res** 1985 Mar–Apr;34(2):120–5

Education and training of nurse teachers and managers with special regard to primary health care. Report of a WHO Expert Committee. **WHO Tech Rep Ser** 1984;708:1–54

PSYCHOLOGY

Somewhere in the land of curriculum revision. Lemaire GS. **J Nurs Educ** 1985 May;24(5):218

STANDARDS

Defining scholarly activity in nursing education. Baird SC.

et al. **J Nurs Educ** 1985 Apr;24(4):143–7

Systematic faculty evaluation: a growing critical concern. Bobbitt KC. **J Nurs Educ** 1985 Feb;24(2):86–8

Legal implications of academic dismissal and educational malpractice for nursing faculty. Goclowski J. **J Nurs Educ** 1985 Mar;24(3):104–8

Preparing faculty to teach nursing research. VanBree NS. **J Nurs Educ** 1985 Feb;24(2):84–6

SUPPLY & DISTRIBUTION

Academic inbreeding in nursing: intentional or inevitable? Kornguth ML, et al. **J Nurs Educ** 1985 Jan;24(1):21–4

UTILIZATION

The Rutgers experience: one perspective on service–education collaboration. Joel L. **Nurs Outlook** 1985 Sep–Oct;33(5):220–4

FAD

Kinetics of stacking interactions in flavin adenine dinucleotide from time–resolved flavin fluorescence. Visser AJ. **Photochem Photobiol** 1984 Dec;40(6):703–6

ANALOGS & DERIVATIVES

Electron transfer between flavodoxin semiquinone and c–type cytochromes: correlations between electrostatically corrected rate constants, redox potentials, and surface topologies. Tollin G, et al. **Biochemistry** 1984 Dec 18;23(26):6345–9

Coupling aminohexyl–FAD to proteins with dimethyladipimidate. Schroeder HR, et al. **Clin Chem** 1985 Sep;31(9):1432–7

FAD analogues as prosthetic groups of human glutathione reductase. Properties of the modified enzyme species and comparisons with the active site structure. Krauth–Siegel RL, et al. **Eur J Biochem** 1985 Apr 15;148(2):335–44

ANALYSIS

Resonance Raman studies of the flavin and iron–sulfur centers of milk xanthine oxidase. Willis LJ, et al. **Biochemistry** 1985 May 21;24(11):2768–72

BLOOD

High performance liquid chromatographic analysis of flavin adenine dinucleotide in whole blood. Floridi A, et al. **Int J Vitam Nutr Res** 1985;55(2):187–91

ISOLATION & PURIFICATION

A cytosolic FAD–containing enzyme catalyzing cytochrome c reduction in Trypanosoma cruzi. I. Purification and some properties. Kuwahara T, et al. **Arch Biochem Biophys** 1985 May 15;239(1):18–28

METABOLISM

Spectroscopic evidence for anthracenedione antineoplastic agent self–association and complex formation with flavin nucleotides. Kharasch ED, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):497–512

Thyroid hormone regulation of flavocoenzyme biosynthesis. Lee SS, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):197–201

Amino acid sequence around the covalently–bound flavin prosthetic group of Corynebacterium sarcosine oxidase. Shiga Y, et al. **Biochem Int** 1983 Jun;6(6):737–42

The superoxide–generating oxidase of leucocytes. NADPH–dependent reduction of flavin and cytochrome b in solubilized preparations. Cross AR, et al. **Biochem J** 1984 Oct 15;223(2):337–44

Flavins of NADPH–cytochrome P–450 reductase: evidence for structural alteration of flavins in their one–electron–reduced semiquinone states from resonance Raman spectroscopy. Sugiyama T, et al. **Biochemistry** 1985 Jan 4;24(12):3012–9

Electrochemical and glucose oxidase coenzyme activity of flavin adenine dinucleotide covalently attached to glassy carbon at the adenine amino group. Miyawaki O, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):60–8

Further characterisation of the FAD and Fe2S2 redox centres of component C, the NADH:acceptor reductase of the soluble methane monooxygenase of Methylococcus capsulatus (Bath). Lund J, et al. **Eur J Biochem** 1985 Mar 1;147(2):291–6

Mechanism of foetal wastage following immunoneutralization of riboflavin carrier protein in the pregnant rat: disturbances in flavin coenzyme levels. Krishnamurthy K, et al. **FEBS Lett** 1984 Dec 3;178(1):87–91

Characterization of fumarate reductase from baker's yeast: essential sulfhydryl group for binding of FAD. Muratsubaki H, et al. **J Biochem (Tokyo)** 1985 Apr;97(4):1201–9

An essential cysteine residue located in the vicinity of the FAD–binding site in short–chain, medium–chain, and long–chain acyl–CoA dehydrogenases from rat liver mitochondria. Okamura–Ikeda K, et al. **J Biol Chem** 1985 Jan 25;260(2):1338–45

PHARMACODYNAMICS

[Interaction of muscle glycogen phosphorylase B with flavin–adenine dinucleotide and its analogs] Klinov SV, et al. **Bioorg Khim** 1985 Feb;11(2):196–204 (Eng. Abstr.) (Rus)

FAGINE see CHOLINE

FAILURE, EQUIPMENT see EQUIPMENT FAILURE

FAILURE TO THRIVE

Failure to thrive in the contented breast–fed baby [letter] **Can Med Assoc J** 1985 Jan 15;132(2):97, 100

'Failure to thrive' or the failure to define. Stickler GB. **Pediatrics** 1984 Oct;74(4):559

COMPLICATIONS

Failure to thrive presenting with an unusual skin rash [clinical conference] Rosenblum JL, et al. **J Pediatr** 1985 Jul;107(1):149–53

DIAGNOSIS

Spasmus nutans as a presenting sign of diencephalic syndrome [letter] Garty BZ, et al. **J Pediatr** 1985 Sep;107(3):484

Pediatric assessment of non–organic failure to thrive. Chatoor I, et al. **Pediatr Ann** 1984 Nov;13(11):844, 847–8, 850

DIET THERAPY

Compensatory growth in infants with severe failure to thrive. Casey PH, et al. **South Med J** 1985 Sep;78(9):1057–60

ETIOLOGY

Failure to thrive associated with chronic ulcer disease in a 9–year–old boy. Benkov KJ, et al. **Am J Gastroenterol** 1985 Jul;80(7):542–6

Non–organic failure to thrive: a reappraisal. Skuse DH. **Arch Dis Child** 1985 Feb;60(2):173–8 (34 ref.)

Failure to thrive owing to inappropriate diet free of gluten and cows' milk. Tarnow–Mordi WO, et al. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1113–4

Failure to thrive in the contented breast–fed baby. Habbick BF, et al. **Can Med Assoc J** 1984 Oct 1;131(7):765–8

Hyponatremia in a baby who refused to nurse. Schindler AM, et al. **Hosp Pract [Off]** 1984 Oct;19(10):57, 60

Obstructive hypertrophic adenoids and tonsils as a cause of infantile failure to thrive: reversed by tonsillectomy and adenoidectomy. Schiffmann R, et al. **Int J Pediatr Otorhinolaryngol** 1985 Jul;9(2):183–7

The relationship of weight gain and caloric intake in infants with organic and nonorganic failure to thrive syndrome. Bell LS, et al. **J Am Acad Child Psychiatry** 1985 Jul;24(4):447–52

Prospective study of antecedents for nonorganic failure to thrive. Altemeier WA 3d, et al. **J Pediatr** 1985 Mar;106(3):360–5

Failure to thrive in Duchenne muscular dystrophy. Call G, et al. **J Pediatr** 1985 Jun;106(6):939–41

Chronic diarrhea and failure to thrive in an infant with Campylobacter jejuni. Pignata C, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):812–4

FAMILIAL & GENETIC

[Mechanism of a genetically conditioned failure to thrive shown in a patient with ring chromosome 18] Heinz–Erian P, et al. **Padiatr Padol** 1985;20(3):231–41 (Eng. Abstr.) (Ger)

METABOLISM

Environmental deprivation and transient elevation of sweat electrolytes. Christoffel KS, et al. **J Pediatr** 1985 Aug;107(2):231–4

PHYSIOPATHOLOGY

Growth patterns in children hospitalized because of caloric–deprivation failure to thrive. Ellerstein NS, et al. **Am J Dis Child** 1985 Feb;139(2):164–6

Growth quotients, Z scores, and failure to thrive [letter] Walravens PA. **Am J Dis Child** 1985 Sep;139(9):862

PSYCHOLOGY

Child abuse and non–organic failure to thrive: similarities and differences in the parents. Oates RK. **Aust Paediatr J** 1984 Aug;20(3):177–80

Similarities and differences between nonorganic failure to thrive and deprivation dwarfism. Oates RK. **Child Abuse Negl** 1984;8(4):439–45

Child health and maltreatment. Sherrod KB, et al. **Child Dev** 1984 Aug;55(4):1174–83

Cognitive development in the failure–to–thrive infant: a three–year longitudinal study. Singer LT, et al. **J Pediatr Psychol** 1984 Sep;9(3):363–83

Non–organic failure to thrive: a developmental perspective. Chatoor I, et al. **Pediatr Ann** 1984 Nov;13(11):829–35, 838, 840–2

Long–term effects of nonorganic failure to thrive. Oates RK, et al. **Pediatrics** 1985 Jan;75(1):36–40

FAINTING see SYNCOPE

FAITH HEALING see MENTAL HEALING

FALLOPIAN TUBE DISEASES

[Sactosalpinx: etiopathogenesis, diagnosis and treatment] Uher J, et al. **Cesk Gynekol** 1985 Feb;50(1):52–60 (Cze)

COMPLICATIONS

Tuboovarian autoamputation and infertility. Beyth Y, et al. **Fertil Steril** 1984 Dec;42(6):932–4

Evidence of chlamydial infection in infertile women with and without fallopian tube obstruction. Kane JL, et al. **Fertil Steril** 1984 Dec;42(6):843–8

[Diagnosis and treatment of endocrine and fallopian tube–induced causes of sterility in the female] Distler W, et al. **Gynakologe** 1985 Jun;18(2):54–62 (Ger)

[Results of the operative treatment of tubal sterility] Pilka L, et al. **Zentralbl Gynakol** 1984;106(13):932–4 (Eng. Abstr.) (Ger)

[Conjugal sterility caused by severe infundibulo–ampullar lesion] García Flores RF, et al. **Ginecol Obstet Mex** 1984 Aug;52(328):207–10 (Eng. Abstr.) (Spa)

[Evaluation of the tubal factor in sterility. Comparative study of 3 methods] Vázquez Méndez J, et al. **Ginecol Obstet Mex** 1984 Sep;52(329):237–40 (Eng. Abstr.) (Spa)

DIAGNOSIS

Case report. Torsion of pregnant fallopian tube—a rare case. Dicker D, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Nov;18(4):225–8

A case of a postmenopausal ruptured pyosalpinx. A rare finding at laparotomy for an acute abdomen. Horenblas S, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Jul;17(5):351–4

Prolapsed fallopian tube masquerading as adenocarcinoma of the vagina in a postmenopausal woman. Wheelock JB, et al. **Gynecol Oncol** 1985 Jul;21(3):369–75

Prognostic value of tuboscopy vs. hysterosalpingography before tuboplasty. Henry–Suchet J, et al. **J Reprod Med** 1984 Aug;29(8):609–12

Interfimbrial adhesions. Detection and treatment of an easily overlooked cause of infertility. Nordenskjöld F, et al. **J Reprod Med** 1984 Aug;29(8):595–6

Reactivation blastomycosis presenting as a tuboovarian abscess. Murray JJ, et al. **Obstet Gynecol** 1984 Dec;64(6):828–30

[Per–celioscopic ampulliosalpingoscopy] Cornier E. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(4):459–66 (Eng. Abstr.) (Fre)

DRUG THERAPY

Hysterosalpingography. II. The efficacy of glucagon as a spasmolytic in overcoming tubal spasm during hysterosalpingography. Anandakumar C, et al. **Asia Oceania J Obstet Gynaecol** 1985 Jun;11(2):215–7

ETIOLOGY

Torsion of the fallopian tube during pregnancy. Isager–Sally L, et al. **Acta Obstet Gynecol Scand** 1985;64(4):349–51

Hysterosalpingography. I. The incidence of tubal spasm during hysterosalpingography. Anandakumar C, et al. **Asia Oceania J Obstet Gynaecol** 1985 Jun;11(2):209–13

Torsion of the fallopian tube following tubal sterilization by electrocoagulation via a laparoscope. Ottesen B, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 May;19(5):297–300

Tubal infertility in relation to prior induced abortion. Daling JR, et al. **Fertil Steril** 1985 Mar;43(3):389–94

Incidence, significance and remission of tubal spasm during attempted hysteroscopic tubal sterilization. Cooper JM, et al. **J Reprod Med** 1985 Jan;30(1):39–42

Evolution and reversibility of damage to rabbit fallopian tubes after five sterilization methods. Garcea N, et al. **Microsurgery** 1985;6(1):20–5

Tubal infertility and the intrauterine device. Cramer DW, et al. **N Engl J Med** 1985 Apr 11;312(15):941–7

Primary tubal infertility in relation to the use of an intrauterine device. Daling JR, et al. **N Engl J Med** 1985 Apr 11;312(15):937–41

Current status of intrauterine devices [editorial] Mishell DR Jr. **N Engl J Med** 1985 Apr 11;312(15):984–5

Torsion of the fallopian tube: some considerations on its etiology. Bernardus RE, et al. **Obstet Gynecol** 1984 Nov;64(5):675–8

Nongonococcal pelvic abscess caused by Salmonella enteritidis. Saltzman DH, et al. **Obstet Gynecol** 1984 Oct;64(4):585–6

[Acute internal hemorrhage in pregnancy] Bagandinov ZZ. **Khirurgiia (Mosk)** 1984 Jul;(7):143 (Rus)

MICROBIOLOGY

[Actinomycotic tubo–ovarian abscess in the presence of an intrauterine device] Lunow E, et al. **Zentralbl Gynakol** 1984;106(18):1281–7 (Eng. Abstr.) (Ger)

PATHOLOGY

Degree of endosalpingeal deciliation (by S.E.M.) in hydrosalpinx is not prognostic for post–surgical fertility. Fedele L, et al. **Acta Eur Fertil** 1984 May–Jun;15(3):199–204

Ciliogenesis following salpingostomy of rabbit hydrosalpinges. Vásquez G, et al.

Eur J Obstet Gynecol Reprod Biol 1984 Sep;18(1–2):103–18

Estradiol and progesterone nuclear and cytosol receptors of hydrosalpinx. Devoto L, et al. **Fertil Steril** 1984 Oct; 42(4):594–7

The pathologic spectrum of uterotubal junction obstruction. Fortier KJ, et al. **Obstet Gynecol** 1985 Jan;65(1):93–8

The tubal mucosa of experimentally induced hydrosalpinx in rabbits: a light and scanning electron microscopic study. Soong YK, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Aug; 83(8):753–64

Isolated torsion of the Fallopian tube. Kumar EB, et al. **West Indian Med J** 1984 Jun;33(2):120–2

PHYSIOPATHOLOGY

An economic and ethical way to introduce in vitro fertilization to infertility practice, and findings related to postcoital sperm/mucus penetration in isolated tubal, 'cervical,' and unexplained infertility. Hull MG, et al. **Ann NY Acad Sci** 1985;442:318–23

Experimental hydrosalpinx and salpingostomy in rabbits. Vemer HM, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Sep;18(1–2):95–101

[Functional tubal sterility] Uher J. **Cesk Gynekol** 1985 Mar; 50(2):143–8 (Cze)

PSYCHOLOGY

[Psychological factors in isthmic tubal occlusion] Knorre P, et al. **Zentralbl Gynakol** 1985;107(5):288–93 (Eng. Abstr.) (Ger)

RADIOGRAPHY

Tuboovarian abscess simulating giant colonic diverticulum. Telepak RJ, et al. **Gastrointest Radiol** 1984;9(4):369–71

SURGERY

The impact of in vitro fertilization on tubal surgery for complete fimbrial obstruction. Boer-Meisel ME, et al. **Ann NY Acad Sci** 1985;442:533–5

Tubal patency and pelvic adhesions at early second-look laparoscopy following intraabdominal use of the carbon dioxide laser: initial report of the intraabdominal laser study group. Diamond MP, et al. **Fertil Steril** 1984 Nov; 42(5):717–23

Reconstructive surgery of hydrosalpinx with and without the carbon dioxide laser. Tulandi T, et al. **Fertil Steril** 1984 Dec;42(6):839–42

Application of the CO2 laser to infertility surgery. Bellina JH, et al. **Surg Clin North Am** 1984 Oct;64(5):899–904

[Microsurgical treatment of female sterility—selection and preparation of patients, peroperative precautions and postoperative care] Ventruba P, et al. **Cesk Gynekol** 1985 May;50(4):277–83 (Cze)

[Racket-shaped tubal-uterine anastomosis. Technic and results] Dubuisson JB, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):919–24 (Eng. Abstr.) (Fre)

[Should one operate on bifocal tubal lesions in 1984? Apropos of 54 cases] Dubuisson JB, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):925–32 (Eng. Abstr.) (Fre)

[Celioscopic salpingectomy. Apropos of 31 cases] Dubuisson JB, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985; 14(1):105–9 (Eng. Abstr.) (Fre)

[Distal tubal obstructions: microsurgery or in vitro fertilization] Mage G, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):933–7 (Eng. Abstr.) (Fre)

[Distal tubal microsurgery using the CO2 laser. Experimental study and analysis of a series of 95 cases] Sadoul G, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):947–56 (Eng. Abstr.) (Fre)

[In vitro fertilization or surgery in the treatment of tubal sterility] Nicollet B. **Rev Fr Gynecol Obstet** 1985 Jul; 80(7):529–31 (Eng. Abstr.) (Fre)

[Value of microsurgery in the treatment of infertility of tubal origin] Dubois M, et al. **Rev Med Liege** 1985 Jun 1; 40(11):453–8 (Fre)

[Direct sonographic detection of tubal pregnancy following a fertilization operation] Kunze G, et al. **Geburtshilfe Frauenheilkd** 1984 Aug;44(8):506–9 (Eng. Abstr.) (Ger)

[Microsurgical operations within the scope of sterility treatment] Philipp K, et al. **Gynakol Rundsch** 1984; 24(3):193–5 (Ger)

[Effectiveness of postoperative spa treatment at Bad Elster in patients with tubal sterility] Zacharias K, et al. **Zentralbl Gynakol** 1985;107(14):849–54 (Eng. Abstr.) (Ger)

[Laparoscopic salpingolysis and ovariolysis in the treatment of female sterility] Di Gregorio A, et al. **Minerva Ginecol** 1985 May;37(5):235–8 (Eng. Abstr.) (Ita)

[Microsurgery and tubal sterility] Scarpa F, et al. **Minerva Ginecol** 1985 May;37(5):231–4 (Eng. Abstr.) (Ita)

[Microsurgical treatment of tubal sterility] Iakubovich DV. **Akush Ginekol (Mosk)** 1985 Mar;(3):5–8 (33 ref.) (Rus)

[Results of terminal salpingostomy and fimbrioplasty in distal occlusion and tubal phimosis] Smiljanić N, et al. **Jugosl Ginekol Opstet** 1984 Jan–Apr;24(1–2):18–20 (Eng. Abstr.) (Scr)

[Diagnosis and treatment of the tubo-ovarian abscess] Mayerson D, et al. **Rev Chil Obstet Ginecol** 1982; 47(4):242–9 (Eng. Abstr.) (Spa)

[Results of microsurgery of the pathological fallopian tube and in the reversal of tubal sterilization] Rey González M, et al. **Rev Chil Obstet Ginecol** 1983;48(6):397–402 (Eng. Abstr.) (Spa)

THERAPY

Current trends in the diagnosis and treatment of tuboovarian abscess. Landers DV, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1098–110

Laparoscopic treatment of tuboovarian abscesses. Henry-Suchet J, et al. **J Reprod Med** 1984 Aug; 29(8):579–82

FALLOPIAN TUBE NEOPLASMS

DIAGNOSIS

Cytologic diagnosis of primary tubal cancer. Takashina T, et al. **Acta Cytol (Baltimore)** 1985 May–Jun;29(3):367–72

Ultrasonic features of fallopian tube carcinoma. Subramanyam BR, et al. **J Ultrasound Med** 1984 Sep; 3(9):391–3

[Hydatidiform mole presenting as an extrauterine pregnancy] Litschgi M. **Geburtshilfe Frauenheilkd** 1985 Mar;45(3):189 (Eng. Abstr.) (Ger)

[Histoclinical evaluation of adnexal endometriosis] Kelm R. **Wiad Lek** 1984 Apr 1;37(7):522–6 (Eng. Abstr.) (Pol)

DRUG THERAPY

Combination chemotherapy for mixed müllerian tumor of the Fallopian tube. Deppe G, et al. **Cancer** 1984 Oct 15; 54(8):1517–20

Primary carcinoma of the fallopian tube: favourable response to new chemotherapeutic agent, CHIP. Wong WS, et al. **J R Soc Med** 1985 Mar;78(3):203–6

PATHOLOGY

A case report of primary adenocarcinoma of the fallopian tube. Ryan EA, et al. **Am J Obstet Gynecol** 1985 Jan 15; 151(2):211–2

Mandibular metastasis from a primary adenocarcinoma of the fallopian tube. Curtin J, et al. **J Oral Maxillofac Surg** 1985 Aug;43(8):636–8

Paratubal cysts: frequency, histogenesis, and associated clinical features. Samaha M, et al. **Obstet Gynecol** 1985 May;65(5):691–4

[Case of primary carcinoma of the fallopian tube] Pekhlivanov K. **Akush Ginekol (Sofiia)** 1984;23(6):552–5 (Eng. Abstr.) (Bul)

[Primary bilateral tubular adenocarcinoma with antecedents of invasive galactophoric carcinoma of the breast. Apropos of a case; review of the literature] Decorsiere JB, et al. **Ann Pathol** 1984 Dec;4(5):383–7 (Eng. Abstr.) (Fre)

[Clinical aspects and pathology of primary tubal cancer] Pohl R, et al. **Fortschr Med** 1984 Dec 13;102(46):1173–7 (Eng. Abstr.) (Ger)

[Primary cancer of a Morgagni hydatid] Dieminger HJ, et al. **Zentralbl Gynakol** 1985;107(7):442–5 (Eng. Abstr.) (Ger)

[Occult carcinoma of the fallopian tube with peritoneal carcinosis. A case report] Tunesi G, et al. **Pathologica** 1984 Jul–Aug;76(1044):499–502 (Eng. Abstr.) (Ita)

SURGERY

Successful pregnancy outcome following removal of bilateral cornual polyps by microsurgical linear salpingotomy with the aid of the CO2 laser. McLaughlin DS. **Fertil Steril** 1984 Dec;42(6):939–41

Fallopian tube carcinoma. Brown MD, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):583–90

[Case report of cornual polyp in tubal sterility] Mori R, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May; 37(5):820–3 (Jpn)

[Management of endometriosis of adnexa uteri in women of reproductive age] Semczuk M, et al. **Ginekol Pol** 1984 Nov; 55(11):837–40 (Eng. Abstr.) (Pol)

THERAPY

Second-look laparotomy in fallopian tube carcinoma. Eddy GL, et al. **Gynecol Oncol** 1984 Oct;19(2):182–6

Fallopian tube carcinoma. Eddy GL, et al. **Obstet Gynecol** 1984 Oct;64(4):546–52

FALLOPIAN TUBE PATENCY TESTS

METHODS

Radionuclide evaluation of tubal function. Stone SC, et al. **Fertil Steril** 1985 May;43(5):757–60

FALLOPIAN TUBES

see related

HYSTEROSALPINGOGRAPHY

STERILIZATION, TUBAL

Spontaneous bacterial peritonitis caused by Neisseria gonorrhoeae. Evidence for a transfallopian route of infection. Stassen WN, et al. **Gastroenterology** 1985 Mar; 88(3):804–7

Gamete intra-fallopian transfer (GIFT): a new treatment for infertility. Asch RH, et al. **Int J Fertil** 1985;30(1):41–5

ABNORMALITIES

Failure of mullerian duct development. The Mayer-Rokitansky-Kuster-Hauser syndrome. Wright JE. **Aust Paediatr J** 1984 Nov;20(4):325–7

[Unilateral Mayer-Rokitansky-Küster-Hauser syndrome (unilateral Müllerian dysgenetic syndrome)] Ghirardini G, et al. **Zentralbl Gynakol** 1985;107(12):756–8 (Eng. Abstr.) (Ger)

[Ovarian polycystosis associated with malformations of the uterus, vagina, and tubal obstruction. Presentation of a case] Cano López H, et al. **Ginecol Obstet Mex** 1983 Sep; 51(317):245–7 (Eng. Abstr.) (Spa)

ANALYSIS

Presence of oxytocin and arginine vasopressin in human ovary, oviduct, and follicular fluid. Schaeffer JM, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):970–3

Identification of an oestrus-associated glycoprotein in oviducal fluid of the sheep. Sutton R, et al. **J Reprod Fertil** 1984 Nov;72(2):415–22

Histochemical examination of glycoconjugates of epithelial cells in the human fallopian tube. Schulte BA, et al. **Lab Invest** 1985 Feb;52(2):207–19

ANATOMY & HISTOLOGY

Ultrastructure and innervation of smooth muscle in the porcine oviduct. Rodriguez-Martinez H, et al. **Anat Histol Embryol** 1985 Mar;14(1):33–46

Morphology of the intercapsular segment of the oviduct in the golden hamster with special reference to ovum-transit from ruptured follicles to the ampulla. Nakatani T, et al. **Experientia** 1985 Mar 15;41(3):368–70

Contralateral tubal-ovarian apposition and fertility in hemiovariectomized primates. Sopelak VM, et al. **Fertil Steril** 1984 Oct;42(4):633–7

[Hysteroscopy in the morphologic and functional study of the fallopian tubes] Bertone C, et al. **Minerva Ginecol** 1984 Dec;36(12):783–5 (Eng. Abstr.) (Ita)

BLOOD SUPPLY

Effects of nicotine on oviducal blood flow and embryo development in the rat. Mitchell JA, et al. **J Reprod Fertil** 1985 May;74(1):71–6

Decreasing the number of ovulations in the rabbit with surgical division of the blood vessels between the fallopian tube and ovary. McComb P, et al. **J Reprod Med** 1984 Nov;29(11):827–9

CYTOLOGY

Effect of clomiphene on the functional morphology of oviductal and uterine mucosa. Birkenfeld A, et al. **Ann NY Acad Sci** 1985;442:153–67

Cyclic changes in ciliation, cell height, and mitotic activity in human tubal epithelium during reproductive life. Donnez J, et al. **Fertil Steril** 1985 Apr;43(4):554–9

[Ciliary activity of cells of the fallopian tubes (apropos of the sequellae of salpingitis)] Aubriot FX, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(6):617–20 (Eng. Abstr.) (Fre)

DRUG EFFECTS

The effect of D2343 in transmurally stimulated rabbit isthmus muscle. Olsson OA, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 May;56(5):427–30

Varying responses of ovum transport in mice related to dose and time of administration of oestradiol. Moscoso H, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(3):253–61

Concentrations and contractile effects of substance P in the human ampullary-isthmic junction. Forman A, et al. **Acta Physiol Scand** 1985 May;124(1):17–23

Influence of cyclooxygenase inhibitors and arachidonic acid on contractile activity of the human Fallopian tube. Lindblom B, et al. **Biol Reprod** 1985 Apr;32(3):475–9

Intraperitoneal bleeding from ectopic decidua following hormonal contraception. Case report. Tang LC, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):102–3

Lack of tubal occlusion by intrauterine quinacrine and tetracycline in the primate. Zaneveld LJ, et al. **Contraception** 1984 Aug;30(2):161–7

[Disorders of the adrenergic mechanisms regulating tubal contractility and their recovery during the treatment of sterile women with hydrogen sulfide waters] Volobuev AI, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):31–6 (Eng. Abstr.) (Rus)

[Vasoactive intestinal polypeptide and sexual function: inhibition of motility in the fallopian tubes and uterus. Positive role in penile erection] Fahrenkrug J, et al. **Lakartidningen** 1985 Jan 30;82(5):302–3 (Swe)

ENZYMOLOGY

Monoamine oxidase reactivity in the human fallopian tube. Donnez J, et al. **Fertil Steril** 1985 Mar;43(3):488–90

INJURIES

Sterilization failures and their causes. Soderstrom RM. **Am J Obstet Gynecol** 1985 Jun 15;152(4):395–403

INNERVATION

The adrenergic innervation of rat uterine tubes in old age: a fluorescence histochemical study. Amenta F, et al. **Arch Gerontol Geriatr** 1985 Apr;4(1):37–42

Experimental investigations on localization of the nerve centers concerned in the innervation of the ovary and the uterine tube in pig. Welento J, et al. **Folia Morphol** 1984; 43(2):85–90

[Experimental studies of the localization of neural centers in the ovaries and fallopian tubes in cows] Flieger S, et al. **Pol Arch Weter** 1984;24(2):261–73 (Eng. Abstr.) (Pol)

METABOLISM

Diffusable proteins of the mucosa of the human cervix, uterus, and fallopian tubes: distribution and variations during the menstrual cycle. Tauber PF, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1115–25

Penetration of cefotetan into serum, myometrium, endometrium and salpinges. Just HM, et al. **Chemotherapy** 1984;30(5):305–7

Do particles translocate from the vagina to the oviducts and beyond? Wehner AP, et al. **Food Chem Toxicol** 1985 Mar; 23(3):367–72

Production of pyruvate by isolated mouse cumulus cells. Leese HJ, et al. **J Exp Zool** 1985 May;234(2):231–6

Comparative characterization of glutamate decarboxylase in crude homogenates of oviduct, ovary, and hypothalamus. Erdö SL, et al. **J Neurochem** 1984 Dec;43(6):1532–7

Oestradiol and progesterone receptors in the pig oviduct during the oestrous cycle. Stanchev P, et al. **J Steroid Biochem** 1985 Jan;22(1):115–20

Progesterone-mediated suppression of estradiol receptors in cynomolgus macaque cervix, endometrium and oviduct during sequential estradiol-progesterone treatment. West NB, et al. **J Steroid Biochem** 1985 Jan;22(1):29–37

Surgical ablation of oviductal extrinsic innervation changes GABA levels in the rat fallopian tube. Fernández I, et al. **Life Sci** 1985 May 6;36(18):1733–7

Lack of effect of GABA on [3H]leucine incorporation into a rat oviduct ribosomal system. Orensanz LM, et al. **Neurochem Res** 1985 Jun;10(6):789–96

On the binding of gamma-[3H]aminobutyric acid to the rat oviduct [letter] Orensanz LM, et al. **Neurosci Lett** 1985 Jun 24;57(3):213–4

On the synthesis of prostaglandins E1, E2 and E2 alpha by sow oviducts. Differential modulation of 1 and 2 series of prostaglandins by norepinephrine. Gimeno MF, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):61–70

[Comparative characteristics of several properties of the estradiol-binding system of the human uterus and fallopian tubes] Fanchenko ND. **Vopr Med Khim** 1984 Jul–Aug; 30(4):116–8 (Eng. Abstr.) (Rus)

MICROBIOLOGY

Isolation of bovine syncytial virus from lymphocytes recovered from fluids used to flush uterus and oviducts of superovulated cattle. Bouillant AM, et al. **Can J Comp Med** 1984 Jul;48(3):332–4

Chlamydia trachomatis infections [letter] Arroll B. **Can Med Assoc J** 1985 Jun 1;132(11):1252–3

Attachment to and invasion of human fallopian tube mucosa by an IgA1 protease-deficient mutant of Neisseria gonorrhoeae and its wild-type parent. Cooper MD, et al. **J Infect Dis** 1984 Nov;150(5):737–44

Detection of herpes simplex virus in women with acute pelvic inflammatory disease. Lehtinen M, et al. **J Infect Dis** 1985 Jul;152(1):78–82

Electron microscope studies of attachment to human fallopian tube mucosa by a gonococcal IgA1 protease deficient mutant and wild type parent. Cooper MD, et al. **Scan Electron Microsc** 1984;(Pt 4):1925–30

PATHOLOGY

Diverticulosis and salpingitis isthmica nodosa (SIN) of the fallopian tube. Estrogen-induced diverticulosis and SIN of the mouse oviduct. Newbold RR, et al. **Am J Pathol** 1984 Nov;117(2):333–5

Morphological changes in tubal mucosa asso[illegible] with the use of intrauterine contraceptive devices. [illegible]uen AL, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11[illegible]123–8

Microbiological and histological findings in the fallopian tubes of women using various contraceptive methods. Collins JA, et al. **Contraception** 1984 Nov;30(5):457–66

Behavior of cultured glandular cells obtained by flushing of the uterine cavity. Willemsen WN, et al. **Fertil Steril** 1985 Jul;44(1):92–5

Metaplasias and neoplasias of Müllerian epithelium. Lauchlan SC. **Histopathology** 1984 Jul;8(4):543–57 (53 ref.)

Evolution and reversibility of damage to rabbit fallopian tubes after five sterilization methods. Garcea N, et al. **Microsurgery** 1985;6(1):20–5

The pathologic spectrum of uterotubal junction obstruction. Fortier KJ, et al. **Obstet Gynecol** 1985 Jan;65(1):93–8

Paratubal cysts: frequency, histogenesis, and associated clinical features. Samaha M, et al. **Obstet Gynecol** 1985 May;65(5):691–4

Pathology of the oviducts and embryonal remnants. Nicosia SV. **Obstet Gynecol Annu** 1985;14:382–410 (60 ref.)

[Clinico-morphological basis for conservative plastic operations in treating tubal pregnancy] Matsuev AI, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):24–5 (Eng. Abstr.) (Rus)

PHYSIOLOGY

Vascular perfusion: a novel means of studying oviduct function. Leese HJ, et al. **Am J Physiol** 1985 May;248(5 Pt 1):E624–32

Studies on the fibrinolytic activity of the human female genital tract. Spernol R, et al. **Arch Gynecol** 1985; 236(3):161–4

An improved optoelectronic transducer for quantitation of contractile events in the mammalian fallopian tube. Bourdage RJ, et al. **Biomed Sci Instrum** 1985;21:41–9

Endocrine response in the fallopian tube. Jansen RP. **Endocr Rev** 1984 Fall;5(4):525–51 (213 ref.)

Ovarian function in monkeys after bilateral salpingectomy. Zhao JR, et al. **Int J Fertil** 1984;29(2):118–21

Transperitoneal migration and ovum capture in rabbits. Beyth Y, et al. **Isr J Med Sci** 1985 Jun;21(6):514–6

The functional potential of the rabbit fimbria. Coppo M, et al. **J Reprod Med** 1984 Oct;29(10):731–5

Retrograde fallopian tube transport [editorial] Pauerstein CJ. **JAMA** 1985 Aug 16;254(7):952

Sow (Sus scrofa) follicular fluid: prostaglandin content and effect on the motility of isolated oviducts. Gimeno MF, et al. **Prostaglandins** 1985 May;29(5):831–46

Sperm transport in the cow: peri-ovulatory redistribution of viable cells within the oviduct. Hunter RH, et al. **Reprod Nutr Dev** 1984;24(5A):597–608

[Steroidal regulation of the normal human oviduct] Devoto L, et al. **Rev Med Chil** 1984 Aug;112(8):821–5 (Eng. Abstr.) (Spa)

PHYSIOPATHOLOGY

Ciliogenesis following salpingostomy of rabbit hydrosalpinges. Vásquez G, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Sep;18(1–2):103–18

Experimental hydrosalpinx and salpingostomy in rabbits. Vemer HM, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Sep;18(1–2):95–101

[Functional tubal sterility] Uher J. **Cesk Gynekol** 1985 Mar; 50(2):143–8 (Cze)

[Importance of a structural and functional analysis of the fallopian epithelium in tubal pregnancy and endometrial adenocarcinoma] Glukhovets BI, et al. **Arkh Patol** 1984; 46(8):50–4 (Eng. Abstr.) (Rus)

RADIONUCLIDE IMAGING

Radionuclide evaluation of tubal function. Stone SC, et al. **Fertil Steril** 1985 May;43(5):757–60

Radionuclide hysterosalpingography for evaluation of fallopian tube patency. McCalley MG, et al. **J Nucl Med** 1985 Aug;26(8):868–74

Hysterosalpingoscintigraphy. de Rossi G, et al. **Radiol Diagn (Berl)** 1984;25(5):573–6

SURGERY

Endoscopy of the tube (= tuboscopy): its prognostic value for tuboplasties. Henry-Suchet J, et al. **Acta Eur Fertil** 1985 Mar–Apr;16(2):139–45

The role of severe adnexal disease in tubal reconstructive surgery. Ismajovich B, et al. **Acta Eur Fertil** 1984 Jul–Aug; 15(4):261–4

Plasma dextran levels after abdominal instillation of 32% dextran 70: evidence for prolonged intraperitoneal retention. Cleary RE, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):78–9

The effect of training in microsurgery. Oelsner G, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1054–8

Training in tubal microsurgery. Boeckx W, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):266–9

Factors influencing the success of microsurgical tuboplasty for sterilization reversal. Paterson PJ. **Clin Reprod Fertil** 1985 Mar;3(1):57–64

Repeat ipsilateral tubal pregnancy following partial salpingectomy: a case report. Cartwright PS, et al. **Fertil Steril** 1984 Oct;42(4):647–8

Isthmic ectopic pregnancy: segmental resection as the treatment of choice. DeCherney AH, et al. **Fertil Steril** 1985 Sep;44(3):307–12

Microsurgical transposition of the human fallopian tube and ovary with subsequent intrauterine pregnancy. Gomel V, et al. **Fertil Steril** 1985 May;43(5):804–8

Successful pregnancy outcome following removal of bilateral cornual polyps by microsurgical linear salpingotomy with the aid of the CO2 laser. McLaughlin DS. **Fertil Steril** 1984 Dec;42(6):939–41

Conventional and simplified microsurgical isthmic tubal anastomosis compared in the rabbit. Nelson LM. **Fertil Steril** 1984 Dec;42(6):915–8

Simultaneous intrauterine twins and tubal pregnancy after conservative microsurgery for ectopic pregnancy in a patient with a single tube: case report. Oelsner G, et al. **Fertil Steril** 1985 Apr;43(4):662–3

Persistent trophoblastic tissue following salpingostomy for unruptured ectopic pregnancy. Rivlin ME, et al. **Fertil Steril** 1985 Feb;43(2):323–4

Adhesion formation after tubal surgery: results of the eighth-day laparoscopy in 188 patients. Trimbos-Kemper TC, et al. **Fertil Steril** 1985 Mar;43(3):395–400

Absorbable external rings for anastomosis of the fallopian tubes: a feasibility study. Weinrib HP, et al. **Fertil Steril** 1985 Sep;44(3):419–22

Conservative management of the unruptured tubal pregnancy. Taylor PJ, et al. **Int J Fertil** 1984;29(3):149–51

Surgery of the fallopian tube. Taylor PJ, et al. **Int J Fertil** 1984;29(2):65–72 (48 ref.)

Effect of intraperitoneal 32% dextran 70 on blood coagulation and serum electrolytes. Tulandi T, et al. **J Reprod Med** 1985 May;30(5):431–4

A preliminary study on rabbit tubal anastomosis with the Nd-YAG laser. Hanada S, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr; 37(4):647–50

Effect of microsurgical ampullary segmental reversal on fertilization in the rabbit. Nagasaka T. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Nov; 36(11):2155–60

Microsurgical reversal of tubal sterilization: factors affecting pregnancy rate, with long-term follow-up. Silber SJ, et al. **Obstet Gynecol** 1984 Nov;64(5):679–82

Current approach to tubal anastomosis. DeCherney A, et al. **Obstet Gynecol Annu** 1985;14:277–87 (34 ref.)

[Microsurgical treatment of female sterility—selection and preparation of patients, peroperative precautions and postoperative care] Ventruba P, et al. **Cesk Gynekol** 1985 May;50(4):277–83 (Cze)

[Classification of operations for tuboperitoneal factors in female sterility] Ventruba P, et al. **Cesk Gynekol** 1984 Aug; 49(7):488–91 (Cze)

[Microsurgical salpingostomy] Pedersen H. **Ugeskr Laeger** 1985 Jun 17;147(25):1999–2001 (Eng. Abstr.) (Dan)

[Treatment of tubal pregnancy] Dörr PJ, et al. **Ned Tijdschr Geneeskd** 1985 Jan 5;129(1):21–4 (Eng. Abstr.) (Dut)

[Racket-shaped tubal-uterine anastomosis. Technic and results] Dubuisson JB, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):919–24 (Eng. Abstr.) (Fre)

[Celioscopic salpingectomy. Apropos of 31 cases] Dubuisson JB, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985; 14(1):105–9 (Eng. Abstr.) (Fre)

[Possibilities of reconstructive tubal surgery] Swolin K. **Wien Med Wochenschr** 1984 Sep 15;134(17):393–6 (Eng. Abstr.) (Ger)

[Tissue reaction to nylon monofilament in the microsurgery of the fallopian tubes in the rabbit] Ussia G, et al. **Minerva Ginecol** 1984 Dec;36(12):839–41 (Eng. Abstr.) (Ita)

[Laparoscopic tubal sterilization. Endothermy coagulation and cross-clipping] Storeide O, et al. **Tidsskr Nor Laegeforen** 1984 Aug 20;104(23):1544–5 (Eng. Abstr.) (Nor)

[Improved reconstructive-restorative operations on the uterine tubes using the operating microscope and transillumination] Kapeliushnik NL, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):20–2 (Eng. Abstr.) (Rus)

[Results of terminal salpingostomy and fimbrioplasty in distal occlusion and tubal phimosis] Smiljanić N, et al. **Jugosl Ginekol Opstet** 1984 Jan–Apr;24(1–2):18–20 (Eng. Abstr.) (Ser)

[Tubal reimplantation] García-Flores RF, et al. **Ginecol Obstet Mex** 1984 Jan;52(321):1–7 (Eng. Abstr.) (Spa)

[Monitoring experimental quality in tubal microsurgery] Chianale M, et al. **Rev Chil Obstet Ginecol** 1981;46(1):14–9 (Eng. Abstr.) (Spa)

[Microsurgical tubal anastomosis. Technic and results in 12 cases] Gayán P, et al. **Rev Chil Obstet Ginecol** 1982; 47(6):405–14 (Eng. Abstr.) (Spa)

ULTRASTRUCTURE

Degree of endosalpingeal deciliation (by S.E.M.) in hydrosalpinx is not prognostic for post-surgical fertility. Fedele L, et al. **Acta Eur Fertil** 1984 May–Jun; 15(3):199–204

Comparative aging changes in canine uterine tubes (oviducts): electron microscopy. Myers RK, et al. **Am J Vet Res** 1984 Oct;45(10):2008–14

Structure of the oviducal epithelium of the brush-tailed possum (Trichosurus vulpecula). Arnold R, et al. **J Reprod Fertil** 1985 Jan;73(1):9–19

Fallopian tubal mucosal damage induced experimentally by Escherichia coli in the rabbit. A scanning electron microscopic study. Laufer N, et al. **Pathol Res Pract** 1984 Jul;178(6):605–10

The tubal mucosa of experimentally induced hydrosalpinx in rabbits: a light and scanning electron microscopic study. Soong YK, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Aug; 83(8):753–64

FALLOT'S TETRALOGY see TETRALOGY OF FALLOT

FALSE NEGATIVE REACTIONS

Misleading effects of chloroquine [letter] Mallory D, et al.

Transfusion 1984 Sep-Oct;24(5):412

FAMILIAL MEDITERRANEAN FEVER see PERIODIC DISEASE

FAMILY

see related
CONSANGUINITY

Central pockets in dermatoglyphic analysis: classification, frequency, twin and family data. Vormittag W, et al. **Acta Genet Med Gemellol (Roma)** 1984;33(4):575–8

Problems posed for supporting relatives of geriatric and psychogeriatric day patients. Gilleard CJ. **Acta Psychiatr Scand** 1984 Sep;70(3):198–208

A scale for detection of negative attitudes towards medication among relatives of schizophrenic patients. Mantonakis J, et al. **Acta Psychiatr Scand** 1985 Feb;71(2):186–9

The family meeting as a darkroom: countertransference issues with severely disturbed adolescents. Feinsilver DB. **Adolesc Psychiatry** 1985;12:509–23

Family factors in the lives of drug users and abusers. Jurich AP, et al. **Adolescence** 1985 Spring;20(77):143–59

Influence of family and religion on long-term outcomes among opioid addicts. Hater JJ, et al. **Adv Alcohol Subst Abuse** 1984 Fall;4(1):29–40

The prevention and management of alcohol problems in the family setting: a review of work carried out in English-speaking countries. Orford J. **Alcohol Alcohol** 1984;19(2):109–22 (95 ref.)

A communication program for enhancing interaction in families with a hearing-impaired child. Schoenwald-Oberbeck B. **Am Ann Deaf** 1984 Sep;129(4):362–9

Role of the family in nursing home care. Portnoi VA. **Am Fam Physician** 1984 Nov;30(5):151–4

The structure and function of social support networks in families with handicapped children. Kazak AE, et al. **Am J Community Psychol** 1984 Dec;12(6):645–61

Stress and social support: the burden experienced by the family of a mentally ill person. Potasznik H, et al. **Am J Community Psychol** 1984 Oct;12(5):589–607

Childhood ingestions as symptoms of family distress. Bithoney WG, et al. **Am J Dis Child** 1985 May;139(5):456–9

Individual interviews of children with unexplained symptoms. Richtsmeier AJ Jr. **Am J Dis Child** 1985 May;139(5):506–8

Chemical dependency and adolescence [letter] Van Ost WC. **Am J Dis Child** 1984 Nov;138(11):1085–6

Family structure, race, and adolescents' alcohol use: a research note. Byram OW, et al. **Am J Drug Alcohol Abuse** 1984;10(3):467–78

Perceived merital and family environment of opiate addicts. Kosten TR, et al. **Am J Drug Alcohol Abuse** 1984;10(4):491–501

Children dead on arrival: predictors of short-term family follow-up. Cohen GJ. **Am J Emerg Med** 1984 Jul;2(4):315–20

Retrospective information from questionnaires. I. Comparability of primary respondents and their next-of-kin. Herrmann N. **Am J Epidemiol** 1985 Jun;121(6):937–47

Familial aggregation of red blood cell cation transport systems in Japanese families. Kagamimori S, et al. **Am J Epidemiol** 1985 Sep;122(3):386–90

Permutation methods for the structured exploratory data analysis (SEDA) of total cholesterol measured in five Israeli populations. Karlin S, et al. **Am J Epidemiol** 1985 Jul;122(1):163–86

A method to assess the environment for genetic studies: the Common Environment Index and the Household Relationships Interview. Hunter SM, et al. **Am J Med Genet** 1985 Jun;21(2):325–35

Transmitting balanced translocation carrier information within families: a follow-up study. Suslak L, et al. **Am J Med Genet** 1985 Feb;20(2):227–32

Family acceptance of home apnea monitors. Fiser DH, et al. **Am J Med Sci** 1985 Aug;290(2):52–5

Medical needs of institutionalized mentally retarded persons: perceptions of families and staff members. Conroy JW. **Am J Ment Defic** 1985 Mar;89(5):510–4

Relationship of upbringing to later behavior disturbance of mildly mentally retarded young people. Richardson SA, et al. **Am J Ment Defic** 1985 Jul;90(1):1–8

Factors in family decision-making about placement for developmentally disabled individuals. Tausig M. **Am J Ment Defic** 1985 Jan;89(4):352–61

Transition from adolescence to adulthood: perspectives of mentally retarded individuals and their families. Zetlin AG, et al. **Am J Ment Defic** 1985 May;89(6):570–9

Companions in suffering. Stickney SK, et al. **Am J Nurs** 1984 Dec;84(12):1491–3

Grandparent visitation rights: rendering family dissension more pronounced? Derdeyn AP. **Am J Orthopsychiatry** 1985 Apr;55(2):277–87

Families of borderline patients: literal-minded parents, borderline parents, and parental protectiveness. Feldman RB, et al. **Am J Psychiatry** 1984 Nov;141(11):1392–6

Family interaction patterns among Japanese-American and Caucasian families in Hawaii. Hsu J, et al. **Am J Psychiatry** 1985 May;142(5):577–81

Family expressed emotion and relapse in schizophrenia in 24 urban American patients. Moline RA, et al. **Am J Psychiatry** 1985 Sep;142(9):1078–81

Home care for the ill elderly—who benefits? [editorial] Haug MR. **Am J Public Health** 1985 Feb;75(2):127–8

Asbestos disease in family contacts of shipyard workers. Kilburn KH, et al. **Am J Public Health** 1985 Jun;75(6):615–7

Typhoid fever in Santiago, Chile: a study of household contacts of pediatric patients. Morris JG Jr, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1198–202

Automatic external defibrillators: clinical, training, psychological, and public health issues. Cummins RO, et al. **Ann Emerg Med** 1985 Aug;14(8):755–60

Domestic violence: an EMS-targeted clinical condition in California [letter] Kizer KW. **Ann Emerg Med** 1984 Nov;13(11):1082

Path analysis of family resemblance for cranio-facial traits in Andhra Pradesh nuclear families and twins. Byard PJ, et al. **Ann Hum Biol** 1985 Jul-Aug;12(4):305–14

Family data on sixteen chromosome 1 loci. Robson EB, et al. **Ann Hum Genet** 1984 Oct;48 (Pt 4):347–58

The diabetic with a diabetic parent. Kirk CR, et al. **Arch Dis Child** 1985 Jun;60(6):572–3

Family factors in schizophrenic relapse. Replication in California of British research on expressed emotion. Vaughn CE, et al. **Arch Gen Psychiatry** 1984 Dec;41(12):1169–77

Physician practices when a patient dies [letter] Major D. **Arch Intern Med** 1985 Jul;145(7):1330, 1333

A cross-cultural assessment of early cross-gender behavior and familial factors in male homosexuality. Whitam FL, et al. **Arch Sex Behav** 1984 Oct;13(5):427–39

Lame duck survival. Colquhoun J. **Aust Fam Physician** 1984 Oct;13(10):778

The family history. Harris MF. **Aust Fam Physician** 1985 May;14(5):399–40

Family admission policy in a child psychiatric unit. Bornstein D, et al. **Aust NZ J Psychiatry** 1985 Mar;19(1):61–70

Families of agoraphobic women. Quadrio C. **Aust NZ J Psychiatry** 1984 Jun;18(2):164–70

Bicultural conflict in families. Rosenthal D. **Aust Paediatr J** 1985 Feb;21(1):1–3

Familial resemblance for general cognitive ability in the Hawaii Family Study of Cognition. Bennett B, et al. **Behav Genet** 1985 Jul;15(4):401–6

Eating style and food storage habits in the home. Assessment of obese and nonobese families. Terry K, et al. **Behav Modif** 1985 Apr;9(2):242–61

Genetic disorders and birth defects in families and society: toward interdisciplinary understanding. **Birth Defects** 1984;20(4):1–243

Sibs of children with chronic conditions: counseling considerations. Cerreto MC. **Birth Defects** 1984;20(6):31–43 (58 ref.)

HTLV-III/LAV antibody status of spouses and household contacts assisting in home infusion of hemophilia patients. Lawrence DN, et al. **Blood** 1985 Sep;66(3):703–5

Weight loss maintenance as an aspect of family emotion and process. Fischmann-Havstad L, et al. **Br J Clin Psychol** 1984 Nov;23 (Pt 4):265–71

Answering the relatives of lung cancer patients. Jones JS. **Br J Dis Chest** 1984 Oct;78(4):388–91

The psychosocial impact of a progressive physical handicap and terminal illness (Duchenne muscular dystrophy) on adolescents and their families. Witte RA. **Br J Med Psychol** 1985 Jun;58 (Pt 2):179–87

Impact of psychogeriatric day hospital care on the patient's family. Gilleard CJ, et al. **Br J Psychiatry** 1984 Nov;145:487–92

Overdoses: explanations and attitudes in self-poisoners and significant others. James D, et al. **Br J Psychiatry** 1985 May;146:481–5

A controlled trial of social intervention in the families of schizophrenic patients: two year follow-up. Leff J, et al. **Br J Psychiatry** 1985 Jun;146:594–600

Death of a brother. **Br Med J [Clin Res]** 1984 Dec 22–29;289(6460):1753–4

Impact of whooping cough on patients and their families. Johnston ID, et al. **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1636–8

Psycho-social predictors of exercise intentions among spouses. Godin G, et al. **Can J Appl Sport Sci** 1985 Mar;10(1):36-43

Families and health. Glossop R. **Can J Public Health** 1985 May-Jun;76 Suppl 1:35–6

A psychological analysis of cancer patients and their next-of-kin. Cassileth BR, et al. **Cancer** 1985 Jan 1;55(1):72–6

Experimenting with the family in the newborn period. Belsky J. **Child Dev** 1985 Apr;56(2):407–14

Effective family problem solving. Blechman EA, et al. **Child Dev** 1985 Apr;56(2):429–37

Environmental differences within the family and adjustment differences within pairs of adolescent siblings. Daniels D, et al. **Child Dev** 1985 Jun;56(3):764–74

Patterns of interaction in family relationships and the development of identity exploration in adolescence. Grotevant HD, et al. **Child Dev** 1985 Apr;56(2):415–28

Families and individual development: provocations from the field of family therapy. Minuchin P. **Child Dev** 1985 Apr;56(2):289–302 (77 ref.)

The correlation of family management practices and delinquency. Patterson GR, et al. **Child Dev** 1984 Aug;55(4):1299–307

Effects of family support intervention: a ten-year follow-up. Seitz V, et al. **Child Dev** 1985 Apr;56(2):376–91

Sibling visits to a newborn intensive care unit: implications for siblings, parents, and infants. Ballard JL, et al. **Child Psychiatry Hum Dev** 1984 Summer;14(4):203–14

Homebuilders: the Maine experience. Hinckley EC. **Child Today** 1984 Sep-Oct;13(5):14–7, 37

Working with families who donate organs and tissues. Malecki MS. **Child Today** 1985 Jul-Aug;14(4):26–9

Workers are parents, too. Akabas SH. **Child Welfare** 1984 Sep-Oct;63(5):387–99

Child abuse, gender, and the myth of family independence: a historical critique. Gordon L. **Child Welfare** 1985 May-Jun;64(3):213–24

Behavior and feeling changes in siblings of hospitalized children. Craft MJ, et al. **Clin Pediatr (Phila)** 1985 Jul;24(7):374–8

Twins and twin families. A practical guide to outpatient management. Groothuis JR. **Clin Perinatol** 1985 Jun;12(2):459–74

Dental health status and attitudes to dental care in families participating in a Danish fluoride tablet program. Friis-Hasché E, et al. **Community Dent Oral Epidemiol** 1984 Oct;12(5):303–7

Burns: an overview of clinical consequences affecting patient, staff, and family. Goodstein RK. **Compr Psychiatry** 1985 Jan-Feb;26(1):43–57 (66 ref.)

Dementia and the family. Rabins PV. **Dan Med Bull** 1985 Feb;32 Suppl 1:81–3

Social and economic change, intergenerational relationships, and family formation in Taiwan. Thornton A, et al. **Demography** 1984 Nov;21(4):475–99

Down's syndrome and the family: follow-up of children first seen in infancy. Gath A, et al. **Dev Med Child Neurol** 1984 Aug;26(4):500–8

A family development approach to studying factors in the management and control of childhood diabetes. Newbrough JR, et al. **Diabetes Care** 1985 Jan-Feb;8(1):83–92

St. Joseph's memorial service: unique bereavement follow-up. VanderBent SD. **Dimens Health Serv** 1984 Nov;61(11):26, 39

Colorectal cancer in a nuclear family. Familial or hereditary? Lynch HT, et al. **Dis Colon Rectum** 1985 May;28(5):310–6

Family communication and teenagers' contraceptive use. Furstenberg FF Jr, et al. **Fam Plann Perspect** 1984 Jul-Aug;16(4):163–70

Out-of-wedlock births, premarital pregnancies and their effect on family formation and dissolution. O'Connell M, et al. **Fam Plann Perspect** 1984 Jul-Aug;16(4):157–62

Family determinants of disease. I. General principles and concepts. Medalie JH. **Fam Pract** 1984 Mar;1(1):9–13

The Bridgewater family project: urban isolation and health. Mudge PR, et al. **Fam Pract** 1984 Sep;1(3):147–54

Serious illness and family dynamics. 1. Changes in consulting patterns of the unafflicted family members. van Eijk JT. **Fam Pract** 1985 Jun;2(2):61–9

Serious illness and family dynamics. 2. Changes in consulting patterns of the afflicted family members. van Eijk JT. **Fam Pract** 1985 Jun;2(2):70–5

On 'naturalistic' family research. Bavelas JB. **Fam Process** 1984 Sep;23(3):337–46

A factor analysis of self-report measures of family functioning. Bloom BL. **Fam Process** 1985 Jun;24(2):225–39

Family organization as an ecology of ideas: an alternative to the reification of family systems. Bogdan JL. **Fam Process** 1984 Sep;23(3):375–99

Family boundary ambiguity: a new variable in family stress theory. Boss P, et al. **Fam Process** 1984 Dec;23(4):535–46

A developmental model for family systems. Combrinck-Graham L. **Fam Process** 1985 Jun;24(2):139–50

Single-case experimental designs in family therapy research: limitations and considerations. Crane DR. **Fam Process** 1985 Mar;24(1):69–77

Alternative strategies for creating 'relational' family data. Fisher L, et al. **Fam Process** 1985 Jun;24(2):213–24

Sharing the holocaust experience: communication behaviors and their consequences in families of ex-partisans and ex-prisoners of concentration camps. Kav Venaki S, et al. **Fam Process** 1985 Jun;24(2):273–80

Symptom utilization in strategic therapy. Mazza J. **Fam Process** 1984 Dec;23(4):487–500

Adaptation in family systems: a developmental perspective. Melito R. **Fam Process** 1985 Mar;24(1):89–100

The social construction of unreality: a case study of a family's attribution of competence to a severely retarded child. Pollner M, et al. **Fam Process** 1985 Jun;24(2):241–57

The Ramsay family in Virginia Woolf's To the Lighthouse: a study of arrest at stage three of family development as delineated in Solomon's 'A Developmental, Conceptual Premise for Family Therapy'. Proudfit CL. **Fam Process** 1984 Sep;23(3):319–35

Early interactional change and its relationship to family therapy outcome. Seeman L, et al. **Fam Process** 1985 Mar;24(1):59–68

Pragmatics in the measurement of family functioning: an interpretive framework for methodology. Sigafoos A, et al. **Fam Process** 1985 Jun;24(2):189–211

Family etiology and remission in a case of psychogenic fugue.

Venn J. **Fam Process** 1984 Sep;23(3):429–35
Men and the family. Weiss RS. **Fam Process** 1985 Mar;24(1):49–58
Family rituals. Wolin SJ, et al. **Fam Process** 1984 Sep;23(3):401–20
The epigenesis of relational systems: a model for understanding family development. Wynne LC. **Fam Process** 1984 Sep;23(3):297–318
A community-based family/patient group program for Alzheimer's disease. Aronson MK, et al. **Gerontologist** 1984 Aug;24(4):339–42
The Donald P. Kent Memorial Lecture. Parent care as a normative family stress. Brody EM. **Gerontologist** 1985 Feb;25(1):19–29 (80 ref.)
Caregiving within kinship systems: is affection really necessary? Jarrett WH. **Gerontologist** 1985 Feb;25(1):5–10 (24 ref.)
What do children owe elderly parents? Callahan D. **Hastings Cent Rep** 1985 Apr;15(2):32–7
Social learning and teenage drug use: an analysis of family dyads. Rittenhouse JD, et al. **Health Psychol** 1984;3(4):329–45
Respite care and family functioning in families with retarded children. Halpern PL. **Health Soc Work** 1985 Spring;10(2):138–50
Events leading to the treatment of coronary artery disease: implications for nursing care. Gillis CL, et al. **Heart Lung** 1985 Jul;14(4):350–6
An evaluation of an inpatient cardiac patient/family education program. Mills G, et al. **Heart Lung** 1985 Jul;14(4):400–6
Family caregiving in old age. Lebowitz BD. **Hosp Community Psychiatry** 1985 May;36(5):457–8
Family members as monitors in a state mental hospital. Reiter M, et al. **Hosp Community Psychiatry** 1985 Apr;36(4):393–5
Secondary traumatization in children of Vietnam veterans. Rosenheck R, et al. **Hosp Community Psychiatry** 1985 May;36(5):538–9
The impact of borderline and schizotypal personality disorders on patients and their families. Schulz PM, et al. **Hosp Community Psychiatry** 1985 Aug;36(8):879–81
An extended family study of ridge counts in two Indian populations. Hreczko TA, et al. **Hum Biol** 1985 May;57(2):289–301
Genetic and environmental sources of familial aggregation of body mass in Tecumseh, Michigan. Longini IM Jr, et al. **Hum Biol** 1984 Dec;56(4):733–57
Familial resemblance in maximal heart rate, blood lactate and aerobic power. Lesage R, et al. **Hum Hered** 1985;35(3):182–9
University commitment to the improvement of family health education and services. Rodriguez R. **Hygie** 1985 Jun;4(2):18–22
Significance of blood pressure in infancy. Familial aggregation and predictive effect on later blood pressure. Zinner SH, et al. **Hypertension** 1985 May–Jun;7(3 Pt 1):411–6
Malpractice suit. Hoffmann N. **IMJ** 1985 Apr;167(4):325
Steering group report: health and family welfare programmes for the seventh five year plan. Planning Commission, Government of India. **Indian J Pediatr** 1985 Jan–Feb;52(414):11–6
Validity of cause of death statements from relatives. Claude J, et al. **Int Arch Occup Environ Health** 1984;54(4):335–43
Family mapping: toward an understanding of the interactional dynamic of the alcoholic marital dyad. Synol KM. **Int J Addict** 1984 Nov;19(7):743–52
Grandparents, grandchildren, and the Kondratieff: thoughts on 'period effects' in intergenerational analyses. Kearl MC, et al. **Int J Aging Hum Dev** 1984;19(4):257–65
Marx meets passages: or life cycles in the waves of history. A review of the article 'Grandparents, grandchildren, and the Kondratieff...' by Michael C Kearl and Michael P. Hermes. Klass D. **Int J Aging Hum Dev** 1984;19(4):267–9
'A blessing to our declining years:' feminine response to filial duty in the new republic. Premo T. **Int J Aging Hum Dev** 1984–85;20(1):69–74
Experimental research with families of mentally handicapped children and young adults. Smith J, et al. **Int J Rehabil Res** 1984;7(2):217–8
Growing up in 'Geula': socialization and family living in an ultra-orthodox Jewish subculture. Goshen-Gottstein ER. **Isr J Psychiatry Relat Sci** 1984;21(1):37–55
Family correlates of female adolescents' ego-identity development. Adams GR. **J Adolesc** 1985 Mar;8(1):69–82
Adolescent perceptions of family scapegoating: a comparison of parental and sibling involvement. Arnold JD. **J Adolesc** 1985 Jun;8(2):159–65
The Family Functioning in Adolescence Questionnaire: a measure of psychosocial family health during adolescence. Roelofse R, et al. **J Adolesc** 1985 Mar;8(1):33–45
Strengthening family 'interference'. Robinson CA, et al. **J Adv Nurs** 1984 Nov;9(6):597–602
Obesity a family matter: creating new behavior. Frankle RT. **J Am Diet Assoc** 1985 May;85(5):597–602 (63 ref.)
Physicians' and families' perspectives on the medical management of dementia. Glosser G, et al. **J Am Geriatr Soc** 1985 Jun;33(6):383–91
Attitudinal stumbling blocks to geriatric rehabilitation. Hesse KA, et al. **J Am Geriatr Soc** 1984 Oct;32(10):747–50
Families and the gravely ill: roles, rules, and rights. Sherlock R, et al. **J Am Geriatr Soc** 1985 Feb;33(2):121–4
Parents and grandparents view the autistic child. Harris SL, et al. **J Autism Dev Disord** 1985 Jun;15(2):127–37
A survey of a Cambridge suburb: familial resemblances and IQ components. Mascie-Taylor CG. **J Biosoc Sci** 1985 Jan;17(1):107–11
Family and school influences on behavioural development. Rutter M. **J Child Psychol Psychiatry** 1985 May;26(3):349–68
Temperamental characteristics of three- to four-year-old boys and girls and child-family interactions. Simpson AE, et al. **J Child Psychol Psychiatry** 1985 Jan;26(1):43–53
Personality, behavior, family environment, family social status and hypertension risk factors in children. The Minneapolis Children's Blood Pressure Study. Gillum RF, et al. **J Chronic Dis** 1985;38(2):187–94
Familial aggregation of blood pressure, weight and height among sibling pairs at school entry. Palti H, et al. **J Chronic Dis** 1985;38(7):575–80
Familial aggregation of blood pressure, anthropometric characteristics and urinary excretion of sodium and potassium—a population study in two Belgian towns. Staessen J, et al. **J Chronic Dis** 1985;38(5):397–407
Chronic schizophrenia and Alzheimer's disease. The losses for parents, spouses and children compared. Wasow M. **J Chronic Dis** 1985;38(8):711–6
Family history of suicide in affective disorder patients. Roy A. **J Clin Psychiatry** 1985 Aug;46(8):317–9
Measuring family functioning with the MMPI: a reliability and concurrent validity study of three MMPI family scales. Bloomquist ML, et al. **J Clin Psychol** 1984 Sep;40(5):1209–14
The Urist Rorschach Mutuality of Autonomy Scale as an indicator of psychopathology. Harder DW, et al. **J Clin Psychol** 1984 Jul;40(4):1078–83
Boys who fight at home and school: family conditions influencing cross-setting consistency. Loeber R, et al. **J Consult Clin Psychol** 1984 Oct;52(5):759–68
Parent interview findings regarding the impact of cystic fibrosis on families. Phillips S, et al. **J Dev Behav Pediatr** 1985 Jun;6(3):122–7
A simple measurement of family care in medical practice. Beasley JW. **J Fam Pract** 1985 Jul;21(1):70–1
The family and terminal care decisions [editorial] Brody H. **J Fam Pract** 1985 Apr;20(4):343–4
The shared burden: when physicians and families decide to forego life-sustaining treatment. Ertling SS. **J Fam Pract** 1985 Apr;20(4):393–9
The unit of care revisited. Frank SH. **J Fam Pract** 1985 Aug;21(2):145–6, 148
Resident and parental perceptions of adolescent problems and family communications in a low socioeconomic population. Hawley LE, et al. **J Fam Pract** 1984 Nov;19(5):651–5
The family and hypertension in family practice. Romm FJ. **J Fam Pract** 1985 Jul;21(1):49–53
Consequences for the family in chronic illness [clinical conference] Williamson PS. **J Fam Pract** 1985 Jul;21(1):23, 27–8, 30–2
Diagnostic and Statistical Manual–III: a perspective from family court. Garmise R, et al. **J Forensic Sci** 1984 Oct;29(4):1127–39
What should adult children do for elderly parents? Opinions and preferences of three generations of women. Brody EM, et al. **J Gerontol** 1984 Nov;39(6):736–46
Intergenerational solidarity and psychological well-being among older Mexican Americans: a three-generations study. Markides KS, et al. **J Gerontol** 1985 May;40(3):390–2
Adolescents' relationships with grandparents: an empirical contribution to conceptual clarification. Matthews SH, et al. **J Gerontol** 1985 Sep;40(5):621–6
Intergenerational family support among blacks and whites: response to culture or to socioeconomic differences. Mutran E. **J Gerontol** 1985 May;40(3):382–9
Extended family relationships, social support, and mental health in a southern black community. Dressler WW. **J Health Soc Behav** 1985 Mar;26(1):39–48
Acquisition of cytomegaloviral infections in families with young children: a serological study. Taber LH, et al. **J Infect Dis** 1985 May;151(5):948–52
The Impaired Physicians Program: another kind of impairment. Reading EG. **J Med Soc NJ** 1984 Aug;81(8):667–8
Meeting family needs following severe head injury: a multidisciplinary approach. Elliott J, et al. **J Neurosurg Nurs** 1985 Apr;17(2):111–3
Family crises following head injury: a network intervention strategy. Rogers PM, et al. **J Neurosurg Nurs** 1984 Dec;16(6):343–6
A needs assessment of significant others following the patient's spinal cord injury. Stanton GM. **J Neurosurg Nurs** 1984 Oct;16(5):253–6
Family sculpture. Keltner B, et al. **J Nurs Educ** 1984 Oct;23(8):361–3
Creative grandparenting. Bonding the generations. Horn M, et al. **J Obstet Gynecol Neonatal Nurs** 1985 May–Jun;14(3):233–6
Theoretical foundations of a prepared sibling class. Johnsen NM, et al. **J Obstet Gynecol Neonatal Nurs** 1985 May–Jun;14(3):237–42
Young drug abusers' problems of attachment to the family. Some consequences for treatment. Vaglum P. **J Oslo City Hosp** 1985 Jun;35(6):69–76
Family interaction and acculturation in Mexican-American inhalant users. Bonnheim ML, et al. **J Psychoactive Drugs** 1985 Jan–Mar;17(1):25–33
The outpatient comes home: the family's response to deinstitutionalization. Kane C. **J Psychosoc Nurs Ment Health Serv** 1984 Nov;22(11):19–25
Illness and the family. Asen K. **J R Soc Med** 1985;78 Suppl 8:21–5
Effect of family relationships on psychogeriatric patients. Bergmann K, et al. **J R Soc Med** 1984 Oct;77(10):840–4
The family as a system. Christie-Seely J. **J R Soc Med** 1985;78 Suppl 8:5–10
The family in society. Ferguson P. **J R Soc Med** 1985;78 Suppl 8:16–20
The stepfamily: an introduction to its problems. Hodder E. **J R Soc Med** 1985;78 Suppl 8:28–31
The family life-cycle. Neighbour RH. **J R Soc Med** 1985;78 Suppl 8:11–5
Stepfamilies: a concern health education should address. Gray BJ, et al. **J Sch Health** 1984 Sep;54(8):292–4
Some environmental factors and hypotheses for stuttering in families with several stutterers. Cox NJ, et al. **J Speech Hear Res** 1984 Dec;27(4):543–8
Infant mortality and family structure [editorial] **Lancet** 1985 Sep 21;2(8456):650
Family anthropometry: a new strategy for determining community nutrition [letter] Dugdale AE. **Lancet** 1985 Sep 21;2(8456):672–3
Family structure and children's use of ambulatory physician services. Cafferata GL, et al. **Med Care** 1985 Apr;23(4):350–60
Hospice role in alleviating the emotional stress of terminal patients and their families. Kane RL, et al. **Med Care** 1985 Mar;23(3):189–97
Psychosocial problems in families of a child with cancer. Schuler D, et al. **Med Pediatr Oncol** 1985;13(4):173–9
Familial antecedents of adolescent drug use: a developmental perspective. Baumrind D. **Natl Inst Drug Abuse Res Monogr Ser** 1985;56:13–44
Sudden infant death syndrome—a six-year family follow-up in Nebraska. Dang HS, et al. **Nebr Med J** 1985 Mar;70(3):91–4
Supportive care for families of dying children. Ross-Alaolmolki K. **Nurs Clin North Am** 1985 Jun;20(2):457–66
Elements of empathic care for dying patients and their families. Tyner R. **Nurs Clin North Am** 1985 Jun;20(2):393–401
Employment, family roles, and mental ill health in young married women. Woods NF. **Nurs Res** 1985 Jan–Feb;34(1):4–10
Dinner with the family as an effective assessment method [letter] Hardesty F. **Nurse Pract** 1984 Sep;9(9):57
Recognizing and treating the victims of violence. Porter S. **Ohio State Med J** 1985 Jul;81(7):485–91
Comprehensive education for those concerned with spinal cord injury patients. Houston JM. **Paraplegia** 1984 Aug;22(4):244–8
Programme of active education in the psycho-social integration of paraplegics. Pachalski A, et al. **Paraplegia** 1984 Aug;22(4):238–43
The multidisciplinary treatment of abusive and neglectful families. Krugman RD. **Pediatr Ann** 1984 Oct;13(10):761–4
Childhood obesity. Epstein LH, et al. **Pediatr Clin North Am** 1985 Apr;32(2):363–79 (41 ref.)
Family life events, maternal depression, and maternal and teacher descriptions of child behavior. Fergusson DM, et al. **Pediatrics** 1985 Jan;75(1):30–5
A family systems look at the developmentally disabled. Jaffe-Ruiz M. **Perspect Psychiatr Care** 1984 Apr–Jun;22(2):65–71
Odor signatures and kin recognition. Porter RH, et al. **Physiol Behav** 1985 Mar;34(3):445–8
Childhood diabetes. Family-oriented approach to management. Spencer ML, et al. **Postgrad Med** 1985 Feb 1;77(2):118–26
How to manage patient death and care for the bereaved. Tolle SW, et al. **Postgrad Med** 1985 Aug;78(2):87–9, 92–5
The evaluation of a support group for families of the chronic mentally ill. Shapiro RM, et al. **Psychiatr Q** 1983 Winter;55(4):236–41
Delinquents and status offenders: a comparison on selected family and social variables. Wunderlich RA, et al. **Psychiatr Q** 1984 Summer;56(2):144–50
A hostility measure for use in family contexts. Gift TE, et al. **Psychiatry Res** 1985 Jul;15(3):205–10
Systematic observation and clinical insight—are they compatible? An experiment in recognizing family interactions. Eisler I, et al. **Psychol Med** 1985 Feb;15(1):173–88
Family Resource Questionnaire: reliability and validity of a social support measure for families of stroke patients. Evans RL, et al. **Psychol Rep** 1985 Apr;56(2):411–4
Some critical thoughts on expressed emotion. Seywert F. **Psychopathology** 1984;17(5–6):233–43
Behavioral instruction for a patient's relative to increase antihypertensive compliance. Pinto RP, et al. **Psychosomatics** 1985 Aug;26(8):677–9
Hemophilia and the family system. Simon R. **Psychosomatics** 1984 Nov;25(11):845–9
Characteristics of family background in bulimia. Igoin-Apfelbaum L. **Psychother Psychosom** 1985;43(3):161–7

Leavell lecture: Family and community health: the need for application. Williams C. **Public Health Rev** 1984; 12(3-4):214-23

Family coping behaviors in chronic illness: a rehabilitation perspective. Power PW. **Rehabil Lit** 1985 Mar-Apr; 46(3-4):78-83

Comprehension of information for informed consent by spouses of surgical patients. Silva MC. **Res Nurs Health** 1985 Jun;8(2):117-24

The multihandicapped child with congenital rubella: impact on family and community. Appell MW. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S17-21 (4 ref.)

First person account: making the best of it. Piercey BP. **Schizophr Bull** 1985;11(1):155-7

The family interview. Shotten JH. **Schizophr Bull** 1985; 11(1):112-6

Incompetent families and aggression. Hendrickx JJ. **Ser Paedopsychiatr** 1985 Mar;6:51-5

Aggression and the family. Rutter M. **Ser Paedopsychiatr** 1985 Mar;6:11-25

Psychiatric disorders in children and family dysfunction. A study of migrant workers' families. Steinhausen HC. **Soc Psychiatry** 1985;20(1):11-6

Family adaptation and psychosocial adjustment to cystic fibrosis in the preschool child. Cowen L, et al. **Soc Sci Med** 1985;20(6):553-60

Uncertainty and its relation to the psychological and social correlates of chronic illness in children. Jessop DJ, et al. **Soc Sci Med** 1985;20(10):993-9

The patient has a family: reaffirming social work's domain. Caroff P, et al. **Soc Work Health Care** 1985 Summer; 10(4):17-34

Families, transitions, and health: another look. Dillon C. **Soc Work Health Care** 1985 Summer;10(4):35-44

Pregnancy termination for genetic indications: the impact on families. Furlong RM, et al. **Soc Work Health Care** 1984 Fall;10(1):17-34

The impact of illness on patients and families: social workers teach medical students. Hunsdon S, et al. **Soc Work Health Care** 1984 Winter;10(2):41-52

Psychosocial adjustment of the family caregiver: home hemodialysis as an example. Peterson KJ. **Soc Work Health Care** 1985 Spring;10(3):15-32

The unmet needs of family caregivers for frail and disabled adults. Snyder B, et al. **Soc Work Health Care** 1985 Spring; 10(3):1-14

Mismatched living, related donor renal transplantation: a prospective, randomized study. Sommer BG, et al. **Surgery** 1985 Aug;98(2):267-74

The potential of national household survey programmes for monitoring and evaluating primary health care in developing countries. Carlson BA. **World Health Stat Q** 1985;38(1):38-64 (70 ref.) (Eng, Fre)

[The status of the prevention of sterility in the family. The prospects and potentials for its development] Ananiev T. **Akush Ginekol (Sofiia)** 1984;23(6):535-41 (25 ref.) (Eng. Abstr.) (Bul)

[The effect of the family environment on the self-confidence, the identification process and choice of a life partner in sexually dysfunctional men] Sípová I. **Cas Lek Cesk** 1985 May 17;124(20):626-30 (Eng. Abstr.) (Cze)

[Long-term study of neonates at risk and neonates in a control group. III. Changes in the social conditions of the families of the studied group of children from ages 1 to 3] Chroustová H, et al. **Cesk Pediatr** 1985 Jun;40(6):331-5 (Eng. Abstr.) (Cze)

[The functioning of the family from the viewpoint of the pediatrician and social worker] Dunovský J. **Cesk Pediatr** 1985 Jun;40(6):321-4 (Eng. Abstr.) (Cze)

[The modern approach to the care of mentally handicapped children] Höllge J. **Cesk Zdrav** 1985 Apr;33(4):180-4 (Eng. Abstr.) (Cze)

[Characteristics of personal and family conditions of persons in early old age in an urban population] Zavázalová H, et al. **Cesk Zdrav** 1985 May;33(5):211-5 (Eng. Abstr.) (Cze)

[Family environment in childhood and suicidal behavior] Drdková S, et al. **Sb Lek** 1985 Jan;87(1):29-32 (Eng. Abstr.) (Cze)

[Mourning after suicide; an exploratory study] Wilschut T. **Tijdschr Gerontol Geriatr** 1985 Feb;16(1):9-15 (Eng. Abstr.) (Dut)

[Childhood, adolescence and psychiatric hospitalization] Mambourg PH. **Acta Psychiatr Belg** 1984 Sep-Oct; 84(5):396-401 (Eng. Abstr.) (Fre)

[Integration of the psychoanalytical and systemic approaches in the diagnostic process] Villeneuve C. **Neuropsychiatr Enfance Adolesc** 1984 Sep;32(9):459-64 (Eng. Abstr.) (Fre)

[Battered parents and their children] Dugas M, et al. **Psychiatr Enfant** 1985;28(1):185-219 (Fre)

[The child and the family in the kibbutz: continuity and change] Hattab J, et al. **Psychiatr Enfant** 1984;27(1):249-77 (Fre)

[Family self-reference] Miermont J. **Psychiatr Enfant** 1984; 27(1):127-73 (Fre)

[The influence of family environment on the evolution of tobacco consumption in 2 trial towns and 2 control towns in Switzerland] Nater B, et al. **Rev Epidemiol Sante Publique** 1985;33(2):90-6 (Eng. Abstr.) (Fre)

[Relationship with the patient with bronchopulmonary cancer. Psychological, family and social aspects] Marin I, et al. **Rev Mal Respir** 1984;1(5):277-84 (Eng. Abstr.) (Fre)

[Obesity in children: the pitfalls of dieting] Adam A, et al. **Rev Med Liege** 1985 Jan 15;40(2):61-7 (Fre)

[Aggressive communications as a brake on the developmental process of a family] Kaufmann L. **Ser Paedopsychiatr** 1985 Mar;6:39-49 (Eng. Abstr.) (Fre)

[The palliative care unit: before, during and after] Lamontagne Y. **Union Med Can** 1984 Nov;113(11):937-8, 919 (Fre)

[The need for follow-up following a death] Pineau H, et al. **Union Med Can** 1984 Nov;113(11):918-9 (Eng. Abstr.) (Fre)

[Familial stresses as a sequel of psychiatric diseases in a relative. Results of an interview with relatives] Aschoff-Pluta R, et al. **Fortschr Med** 1984 Aug 30; 102(31-32):785-90 (Eng. Abstr.) (Ger)

[The family and chronic disease. A review of recent family and medical sociology research with special reference to Huntington chorea] Leimkühler AM. **Fortschr Neurol Psychiatr** 1985 Apr;53(4):105-16 (Eng. Abstr.) (Ger)

[Psychosocial consequences of cancer in a child for its parents and siblings] Hoffmeister M, et al. **Monatsschr Kinderheilkd** 1984 Aug;132(8):600-2 (Eng. Abstr.) (Ger)

[Psychodynamic and family dynamic aspects of puberty crises] Mangold B. **Pediatr Padol** 1985;20(2):165-72 (Eng. Abstr.) (Ger)

[Family dynamics and learning disorders] Fertsch-Röver-Berger C. **Prax Kinderpsychol Kinderpsychiatr** 1985 Apr;34(3):90-5 (Eng. Abstr.) (Ger)

[Family conditions in concentration and performance disorders] Knoke H. **Prax Kinderpsychol Kinderpsychiatr** 1984 Aug-Sep;33(6):234-8 (Eng. Abstr.) (Ger)

[How do video recordings modify perceptions of family relations? Effects on the evaluation process of family members and therapists] Lehmkuhl G, et al. **Prax Kinderpsychol Kinderpsychiatr** 1985 Feb-Mar; 34(2):32-7 (Eng. Abstr.) (Ger)

[Divorce as a family crisis and clinical problem—a review of recent North American literature] Schweitzer J, et al. **Prax Kinderpsychol Kinderpsychiatr** 1985 Feb-Mar; 34(2):44-9 (Eng. Abstr.) (Ger)

[Families with psychosomatically ill children. Study of family dynamics in bronchial asthma and ulcerative colitis] **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:1-412 (Ger)

[Case report of an asthma family based on projective test procedures with special reference to the psychological status of the 'healthy' sibling] Colditz K. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:158-76 (Ger)

[Concepts of index patients and their siblings about their families. Comparison of family structures based on some results from 2 child projective tests (Family Relations Test and Family Interaction Test)] Günther C. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:242-76 (Ger)

[Development of psychosomatic disease. Status of research and expectations of family psychosomatization] Overbeck G. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985; 26:53-66 (Ger)

[The colitis family in the Rorschach Test] Perinelli K, et al. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985; 26:108-21 (Ger)

[Unresolved grief in colitis and asthma families. A contribution to a 3-generation perspective] Perinelli K, et al. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985; 26:177-86 (Ger)

[Development of a family evaluation questionnaire] Perinelli K. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985; 26:339-73 (Ger)

[Significance of historical family research for family therapy] Schleiffer R. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:67-82 (Ger)

[Comparative study of psychosocial arrangement: evaluation of family interviews and team discussions. Two-child families with asthmatic, colitis or neurotic index children] Schlierf C. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985; 26:321-38 (Ger)

[Family dynamics in a case of bronchial asthma] Schoenhals H. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985; 26:83-107 (Ger)

[Psychoanalysis and family dynamics] Steffens W. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:26-38 (Ger)

[The depressed patient and his family] Faust V, et al. **Schweiz Rundsch Med Prax** 1985 Jul 2;74(27):716-20 (Eng. Abstr.) (Ger)

[Epidemiology and prevention of family violence] Petri H. **Ser Paedopsychiatr** 1985 Mar;6:57-66 (Eng. Abstr.) (Ger)

[The stroke patient and his family] Kruse A. **Z Gerontol** 1984 Nov-Dec;17(6):359-66 (Eng. Abstr.) (Ger)

['Internal proximity by external distance'—revision of a thesis?] Stosberg M. **Z Gerontol** 1985 Mar-Apr;18(2):76-82 (Eng. Abstr.) (Ger)

[Necessity and difficulties of involvement of family members in the psychotherapy of psychosomatic patients] Venner M, et al. **Z Gesamte Inn Med** 1984 Nov 1;39(21):548-9 (Eng. Abstr.) (Ger)

[Occurrence of enteritis-causing agents in private households—a pilot study] Borneff J, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb; 180(2-3):319-34 (Eng. Abstr.) (Ger)

[Tasks of family-oriented obstetrics in the maternity ward] Schulze G, et al. **Zentralbl Gynakol** 1984;106(15):1068-76 (Eng. Abstr.) (Ger)

[Status and ideas of medical sociology research on the formation of relations of elderly citizens to their family members] Rieske B, et al. **ZFA** 1984 Nov-Dec;39(6):361-6 (Eng. Abstr.) (Ger)

[Involvement of families in the treatment of combat reaction casualties in the lebanese War of 1982] Levy A, et al. **Harefuah** 1985 Apr 1;108(7):338-41 (Eng. Abstr.) (Heb)

[Mental health, family, territory. An unsolved problem] Ravizza L, et al. **Minerva Psichiatr** 1984 Oct-Dec; 25(4):203-8 (Eng. Abstr.) (Ita)

[Adaptation of the family and the psycho-affective development of the child with congenital cardiopathy] Ferrari P, et al. **Pediatr Med Chir** 1983 Nov-Dec;5(6):593-6 (Eng. Abstr.) (Ita)

[Psychological aspects of the epileptic child and his relationship to his family environment] Nurchi AM, et al. **Pediatr Med Chir** 1984 Jan-Feb;6(1):109-13 (Eng. Abstr.) (Ita)

[Case study of ten families of schizophrenics: the patients and their siblings in the family history] Inoue S, et al. **Seishin Shinkeigaku Zasshi** 1985;87(1):32-52 (Eng. Abstr.) (Jpn)

[Psychiatric emergency service in Tokyo: from the viewpoint of the help-seeking behavior of the family] Oshima I. **Seishin Shinkeigaku Zasshi** 1984;86(5):340-60 (Jpn)

[Family health—an urgent social demand] Sito A, et al. **Pediatr Pol** 1984 Dec;59(12):1017-20 (Pol)

[Socio-medical aspects of families of former prisoners of Hitler's concentration camps] Bieńka S. **Przegl Lek** 1985; 42(1):20-4 (Pol)

[Remote sequelae of Hitler's persecutions in the families of survivors] Danieli Y. **Przegl Lek** 1985;42(1):34-41 (Pol)

[Diagnosis of the family of schizophrenic patients] Barbaro B, et al. **Psychiatr Pol** 1984 Nov-Dec;18(6):571-6 (Pol)

[Environmental factors in schizophrenia] Termińska K. **Psychiatr Pol** 1984 Sep-Oct;18(5):465-7 (32 ref.) (Pol)

[Psychophysical development of children raised in children's homes and in the family] Kocańda-Ulanecka K, et al. **Rocz Panstw Zakl Hig** 1985;36(1):68-75 (Eng. Abstr.) (Pol)

[Life style of preschool children and their families] Al'binskii VIu, et al. **Gig Sanit** 1985 Jun;(6):41-3 (Rus)

[A school for patients with a history of myocardial infarct and their families: a method of group psychosocial intervention and an assessment of its effectiveness] Nikolaeva LF, et al. **Kardiologiia** 1985 Feb;25(2):19-22 (Eng. Abstr.) (Rus)

[Objectives of pediatric outpatient clinics with regard to enhancing the role of the family in rearing a healthy child] Kamsiuk LG. **Sov Zdravookhr** 1985;(3):19-23 (Eng. Abstr.) (Rus)

[Bronchial asthma as a form of pathological adaptation to a microsocial environment] Fedoseev GB, et al. **Ter Arkh** 1985;57(5):31-6 (Rus)

[Statistics on familial longevity in different regions of the USSR] Asadov ShA, et al. **Tsitol Genet** 1985 Mar-Apr; 19(2):137-40 (Eng. Abstr.) (Rus)

[Grandparenthood] Redler P. **Acta Psiquiatr Psicol Am Lat** 1983 Mar;29(1):53-66 (Eng. Abstr.) (Spa)

[The family of coronary patients] Campailla G. **An R Acad Nac Med (Madr)** 1984;101(4):425-9 (Spa)

[Family and family health. A focus for primary care] Horwitz Campos N, et al. **Bol Of Sanit Panam** 1985 Feb;98(2):144-55 (Eng. Abstr.) (Spa)

FAMILY CHARACTERISTICS

Family-size distribution and Ewens' equivalence theorem. Hodge SE. **Am J Hum Genet** 1985 Jan;37(1):166-77

Effects of parent loss: interaction with family size and sibling order. Sklar AD, et al. **Am J Psychiatry** 1985 Jun; 142(6):708-14

Family resemblance for normal pulmonary function. Devor EJ, et al. **Ann Hum Biol** 1984 Sep-Oct;11(5):439-48

Sex ratio and sibship size in juvenile rheumatoid arthritis kindreds. Aaron S, et al. **Arthritis Rheum** 1985 Jul; 28(7):753-8

Estimating parameters of the family-size distribution in ascertainment sampling schemes: numerical results. Ewens WJ, et al. **Biometrics** 1984 Jun;40(2):367-74

Single parents, extended households, and the control of adolescents. Dornbusch SM, et al. **Child Dev** 1985 Apr; 56(2):326-41

What are the determinants of delayed childbearing and permanent childlessness in the United States? Bloom DE, et al. **Demography** 1984 Nov;21(4):591-611

The impact of international migration upon the timing of marriage and childbearing. Carlson ED. **Demography** 1985 Feb;22(1):61-72

Childbearing and family in remarriage. Griffith JD, et al. **Demography** 1985 Feb;22(1):73-88

Premarital socioeconomic roles and the timing of family formation: a comparative study of five Asian societies. Hirschman C. **Demography** 1985 Feb;22(1):35-59

Individual and couple intentions for more children: a research note. Morgan SP. **Demography** 1985 Feb;22(1):125-32

Can spouses be trusted? A look at husband/wife proxy reports. Williams R, et al. **Demography** 1985 Feb; 22(1):115-23

American household structure in transition. Glick PC. **Fam Plann Perspect** 1984 Sep-Oct;16(5):205-11

Clinicians' knowledge about the families of their patients. Rosenberg EE, et al. **Fam Pract** 1985 Mar;2(1):23-9

Foetal loss & family size in neonatal jaundice due to ABO-HDN, G-6-PD deficiency & low birth weight. Gupte SC, et al. **Indian J Med Res** 1984 Aug;80:209-11

Voluntary childlessness: early articulator and postponing couples. Callan VJ. **J Biosoc Sci** 1984 Oct;16(4):501-9

Family size and religious denomination in Northern Ireland. Compton PA, et al. **J Biosoc Sci** 1985 Apr;17(2):137-45

The influence of family type on children's behaviour and development at five years. Wadsworth J, et al. **J Child Psychol Psychiatry** 1985 Mar;26(2):245-54

Cooperative Study of Sickle Cell Disease: Demographic and socioeconomic characteristics of patients and families with sickle cell disease. Farber MD, et al. **J Chronic Dis** 1985; 38(6):495-505

Family environment as perceived by children with a chronically ill parent. Peters LC, et al. **J Chronic Dis** 1985; 38(4):301-8

Living arrangements and dietary patterns of older adults in the United States. Davis MA, et al. **J Gerontol** 1985 Jul; 40(4):434-42

A note on the human sex ratio and factors influencing family size in Japan. Osman MI. **J Hered** 1985 Mar-Apr;76(2):141

Perpetrator and family characteristics related to child abuse and neglect: comparison of substantiated and unsubstantiated reports. Hawkins WE, et al. **Psychol Rep** 1985 Apr;56(2):407-10

Teenage childbearing, family size and birth interval: a study in Singapore. Ho SS. **Public Health** 1984 Nov;98(6):336-43

Becoming voluntarily childless: an exploratory study in a Scottish city. Campbell E. **Soc Biol** 1983 Fall;30(3):307-17

Childlessness: a panel study of expressed intentions and reported fertility. Pol LG. **Soc Biol** 1983 Fall;30(3):318-27

Voluntary and involuntary childlessness in the United States, 1955-1973. Poston DL Jr, et al. **Soc Biol** 1983 Fall; 30(3):290-306

A test of the child replacement hypothesis: nineteenth century Massachusetts. Temkin-Greener H, et al. **Soc Biol** 1983 Summer;30(2):218-27

How the number of living sons influences contraceptive use in Menoufia Governorate, Egypt. Gadalla S, et al. **Stud Fam Plann** 1985 May-Jun;16(3):164-9

Family size intentions and socioeconomic status in Singapore, 1974-1981. Salaff JW. **Stud Fam Plann** 1985 Jul-Aug; 16(4):199-210

[Violence to women in their partnerships. II. Demographic conditions (age, marital status and children)] Larsen T, et al. **Ugeskr Laeger** 1985 May 13;147(20):1651-4 (Eng. Abstr.) (Dan)

[Chronic disease and family problems: a descriptive model for the pediatrician] Hulstijn-Dirkmaat I, et al. **Tijdschr Kindergeneeskd** 1984 Aug;52(4):134-8 (Eng. Abstr.) (Dut)

[Significance of historical family research for family therapy] Schleiffer R. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:67-82 (Ger)

[Family characteristics of youngsters attempting suicide in Campinas, Brazil: a comparative study with normal and psychiatric youngsters] Cassorla RM. **Acta Psiquiatr Psicol Am Lat** 1984 Jun;30(2):125-34 (Eng. Abstr.) (Por)

[Life and family characteristics of a population of chronic psychotics living in a city in the interior of São Paulo] Campos MA, et al. **AMB** 1984 Jul-Aug;30(7-8):149-52 (Eng. Abstr.) (Por)

FAMILY HEALTH see under FAMILY

FAMILY LIFE CYCLES see FAMILY

FAMILY-PATIENT LODGING see HOUSING

FAMILY PLANNING

see related
CONTRACEPTION

Adolescents' communication styles and learning about birth control. De Pietro R, et al. **Adolescence** 1984 Winter; 19(76):827-37

Short-term effects of teenage parenting programs on knowledge and attitudes. Roosa MW. **Adolescence** 1984 Fall;19(75):659-66

Impact of PKU on the reproductive patterns in collaborative study families. Burns JK, et al. **Am J Med Genet** 1984 Nov; 19(3):515-24

Vulvar effects of the toilet tissue observational routine in the practice of natural family planning [letter] Norris CW. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1108-9

The influence of client-provider relationships on teenage women's subsequent use of contraception. Nathanson CA, et al. **Am J Public Health** 1985 Jan;75(1):33-8

Factors associated with adolescent use of family planning clinics. Shea JA, et al. **Am J Public Health** 1984 Nov; 74(11):1227-30

Family planning in Singapore. Ng C. **Asia Oceania J Obstet Gynaecol** 1984 Dec;10(4):559-63

More about natural family planning [letter] Bennett LA. **Aust Fam Physician** 1984 Jun;13(6):396-7

Who attends family planning clinics? Chick P, et al. **Aust NZ J Obstet Gynaecol** 1984 Aug;24(3):213-6

Potential use of postcoital contraception to prevent unwanted pregnancy. Johnston TA, et al. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1040-1

Are we failing our teenagers? Value of a family planning service for teenagers within the sexually transmitted disease clinic. Tobin JM, et al. **Br Med J [Clin Res]** 1985 Feb 2;290(6465):376-8

Mrs Gillick and the Wisbech Area Health Authority. Griffiths J. **Bristol Med Chir J** 1985 Apr;100(374):37-8

Who uses natural family planning? Daly KJ, et al. **Can J Public Health** 1985 May-Jun;76(3):207-8

Family planning performance at a major hospital in Sri Lanka. Tennakoon S. **Ceylon Med J** 1983 Dec;28(4):233-8

Late infertile days in early postpartum cycles. Hatherley LI. **Clin Reprod Fertil** 1985 Mar;3(1):73-80

Aged gametes, adverse pregnancy outcomes and natural family planning. An epidemiologic review. Gray RH. **Contraception** 1984 Oct;30(4):297-309

A multilevel model of family planning availability and contraceptive use in rural Thailand. Entwisle B, et al. **Demography** 1984 Nov;21(4):559-74

Achieving expected parities: a reanalysis of Freedman et al.'s data, 1962-1977. Sloane DM, et al. **Demography** 1984 Aug; 21(3):413-22

Further reflections on changes in fertility expectations and preferences. Thornton AD, et al. **Demography** 1984 Aug; 21(3):423-9

The young adult with diabetes: impact of the disease on marriage and having children. Ahlfield JE, et al. **Diabetes Care** 1985 Jan-Feb;8(1):52-6

Integrated family planning services: a Nigerian experience. Ayangade O. **East Afr Med J** 1984 May;61(5):412-9

The Adolescent Family Life Act and the promotion of religious doctrine. Donovan P. **Fam Plann Perspect** 1984 Sep-Oct;16(5):222-8

A new strategy for preventing unintended teenage childbearing. Dryfoos JG. **Fam Plann Perspect** 1984 Jul-Aug;16(4):193-5

The effectiveness of family planning clinics in serving adolescents. Kisker EE. **Fam Plann Perspect** 1984 Sep-Oct; 16(5):212-8

Global politics in Mexico City. Wulf D, et al. **Fam Plann Perspect** 1984 Sep-Oct;16(5):228-32

Institutional factors affecting teenagers' choice and reasons for delay in attending a family planning clinic. Zabin LS, et al. **Fam Plann Perspect** 1983 Jan-Feb;15(1):25-9

Sex ratio associated with natural family planning [letter] Perez A, et al. **Fertil Steril** 1985 Jan;43(1):152-3

A health belief model approach to adolescents' fertility control: some pilot program findings. Eisen M, et al. **Health Educ Q** 1985 Summer;12(2):185-210

The effect of oral contraceptive formulation and field-workers: a cautionary tale. Miller PC, et al. **Int J Gynaecol Obstet** 1985 Feb;23(1):13-20

No one is realistic about family planning. Eraj YA. **Int Nurs Rev** 1984 Nov-Dec;31(6):179

Male attitudes towards family planning in Khartoum, Sudan. Mustafa MA, et al. **J Biosoc Sci** 1984 Oct;16(4):437-49

Determinants of contraceptive use in Nepal. Tuladhar JM. **J Biosoc Sci** 1985 Apr;17(2):185-93

The changing pattern of contraception in Lahore, Pakistan: 1963-80. Yusuf F, et al. **J Biosoc Sci** 1985 Jul;17(3):317-25

National Family Welfare Programme in India. Dawn CS. **J Indian Med Assoc** 1984 May;82(5):177-80

A comparison of three social-psychological models of attitude and behavioral plan: prediction of contraceptive behavior. Pagel MD, et al. **J Pers Soc Psychol** 1984 Sep; 47(3):517-33

Family planning: general practice and clinic services. Rowlands S. **J R Coll Gen Pract** 1985 Apr;35(273):199-200

Family planning and culture. Qureshi B. **J R Soc Health** 1985 Feb;105(1):11-4

Breast-feeding, birth spacing and pregnancy care: prevalence and outcome. Bernard RP, et al. **J Trop Pediatr** 1984 Oct; 30(5):279-86

Unintended pregnancy and the risks/safety of birth control methods. Klein L. **JOGN Nurs** 1934 Sep-Oct;13(5):287-9

Effects of US decision to withdraw aid for worldwide family planning programmes. **Lancet** 1985 Jan 12;1(8420):97

Court of Appeals rules DHSS notice on family planning contrary to law. Brahams D. **Lancet** 1985 Jan 5; 1(8419):59-61

AFFPA Medical Task Force guidelines. Medical Task Force of the Australian Federation of Family Planning Associations. **Med J Aust** 1985 Aug 19;143(4):162-3

Rubella susceptibility among prenatal and family planning clinic populations. Dorfman SF, et al. **Mt Sinai J Med (NY)** 1985 Apr;52(4):248-52

To have or not to have a pregnancy. Klein L. **Obstet Gynecol** 1985 Jan;65(1):1-4

The impact of family planning service in rural Yangoru. Roscoe P. **Papua New Guinea Med J** 1984 Mar;27(1):16-9

Smoking cessation with young women in public family planning clinics: the impact of physician messages and waiting room media. Li VC, et al. **Prev Med** 1984 Sep; 13(5):477-89

Comments on two Hungarian Television educational series. Pázsy A. **Prog Clin Biol Res** 1985;163C:351-4

Characteristics of family planning acceptors at a Primary Health Care Project in Lagos, Nigeria. Olukoya AA. **Public Health** 1985 Jan;99(1):37-44

Multiple interventions: a lesson on utility and weakness—Dominican Republic. Ballweg JA. **Public Health Rev** 1984;12(3-4):240-5

Black fertility patterns—Cape Town and Ciskei. Roberts M, et al. **S Afr Med J** 1984 Sep 29;66(13):481-4

'Right-to-life' scores new victory at AID [news] Holden C. **Science** 1985 Sep 13;229(4718):1065-7

Some aspects of sexual knowledge and sexual behaviour of local women. Results of a survey. V. Sexual intercourse. Atputharajah V. **Singapore Med J** 1985 Apr;26(2):155-60

Some aspects of sexual knowledge and sexual behavior of local women. Results of a survey. 1. General sexual knowledge and attitude to abortion, pregnancy and contraception. Atputharajah V. **Singapore Med J** 1984 Jun; 25(3):135-40

Obstacles to successful fertility control in Nigeria. Udjo EO. **Soc Sci Med** 1984;19(11):1167-71

Attitudes toward marriage and childbearing of individuals at risk for Huntington's disease. Schoenfeld M, et al. **Soc Work Health Care** 1984 Summer;9(4):73-81

The Billings method of family planning: an assessment. Betts K. **Stud Fam Plann** 1984 Nov-Dec;15(6 Pt 1):253-66

Measuring accessibility to family planning services in rural Thailand. Chayovan N, et al. **Stud Fam Plann** 1984 Sep-Oct;15(5):201-11

Guidelines for overcoming design problems in family planning operations research. Fisher AA, et al. **Stud Fam Plann** 1985 Mar-Apr;16(2):100-5

Continuation and effectiveness of contraceptive practice: a cross-sectional approach. Laing JE. **Stud Fam Plann** 1985 May-Jun;16(3):138-53

Contraceptive prevalence: the influence of organized family planning programs. Lapham RJ, et al. **Stud Fam Plann** 1985 May-Jun;16(3):117-37

Household fertility decisions in West Africa: a comparison of male and female survey results. Mott FL, et al. **Stud Fam Plann** 1985 Mar-Apr;16(2):88-99

Strengthening government health and family planning programs: findings from an action research project in rural Bangladesh. Simmons R, et al. **Stud Fam Plann** 1984 Sep-Oct;15(5):212-21

Family planning services in the commonwealth Caribbean [editorial] Matadial L. **West Indian Med J** 1985 Mar; 34(1):1-2

Valued outcomes in the selection of a contraceptive method. Wall EM. **West J Med** 1984 Sep;141(3):335-8

Family planning in the service of human development. Mahler H. **WHO Chron** 1984;38(6):239-42

[Experience from a local authority clinic for advice on contraception. A consecutive study of 1000 women attending a clinic for advice on contraception in the Municipality of Fredriksberg] Schroeder E, et al. **Ugeskr Laeger** 1984 Jun 25;146(26):1953-7 (Eng. Abstr.) (Dan)

[What are the limits of birth control?] Levie LH. **Ned Tijdschr Geneeskd** 1984 Oct 27;128(43):2045-7 (Dut)

[Pregnancy termination: not for family planning. The legal difference between sterilization and pregnancy termination is decisive] Krautkrämer H. **Fortschr Med** 1984 Sep 27; 102(36):78 (Ger)

[Natural family planning (NFP) (letter)] Luh-Hardegg G. **Geburtshilfe Frauenheilkd** 1984 Dec;44(12):829-30 (Ger)

[Contraceptive knowledge of 14 to 17 year-old students of a suburban district] Mehlan I, et al. **Z Arztl Fortbild (Jena)** 1985;79(5):205-7 (Ger)

[Use of vasectomy] Schirren C. **Z Hautkr** 1985 Jul 15; 60(14):1097-9 (Ger)

HISTORY

The birth control movement in England and the United States: the first 100 years. Perse T. **J Am Med Wom Assoc** 1985 Jul-Aug;40(4):119-22

TRENDS

Patterns of contraceptive method of use by California family planning clinic clients, 1976-84. Aved BM. **Am J Public Health** 1985 Oct;75(10):1210-2

Family planning clinic services in the United States, 1983. Torres A, et al. **Fam Plann Perspect** 1985 Jan-Feb; 17(1):30-5

The impact of family planning programs on fertility. Sherris JD, et al. **Popul Rep [J]** 1985 Jan-Feb;(29):J733-71 (360 ref.)

Family planning: the global challenge. Loraine JA. **Practitioner** 1985 May;229(1403):407-12

The persistence of high fertility in Kenya. Sindiga I. **Soc Sci Med** 1985;20(1):71-84

[Fertility survey of different birth cohort women in Beijing city] Wang SX. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Jan;20(1):30-3, 60 (Eng. Abstr.) (Chi)

FAMILY PRACTICE

see related
PHYSICIANS, FAMILY

Who provides psychiatric care? [editorial] **Am Fam Physician** 1985 Apr;31(4):97

Medical psychotherapy. Goldberg RL, et al. **Am Fam Physician** 1985 Jan;31(1):173–8

Community disaster: the GP's role in bereavement. Koblar S. **Aust Fam Physician** 1984 Dec;13(12):884–5

Deaths in a general practice. Rose A. **Aust Fam Physician** 1984 Nov;13(11):828–31

Towards a more realistic role identity in general practice [editorial] Watson J. **Aust Fam Physician** 1984 Nov;13(11):794

Close encounters in general practice: experiences of a psychotherapy liaison team. Wilson S, et al. **Br J Psychiatry** 1985 Mar;146:277–81

Family practitioner committees: a price for independence? [editorial] **Br Med J [Clin Res]** 1985 Mar 30;290(6473):953–4

How hard do general practitioners work? [letter] **Br Med J [Clin Res]** 1985 Jan 5;290(6461):65–8

Managing alcohol problems in general practice. Anderson P. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1873–5

Consultation length: general practitioners' attitudes and practices [letter] Anderson R, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1903

Shuttle case records: link between general practice and the specialist unit. Beyer JM, et al. **Br Med J [Clin Res]** 1985 Mar 2;290(6469):677–80

Measles immunisation: profit and loss in a general practice. Binnie GA. **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1275–6

Effect of computer use in the consultation on the delivery of care. Brownbridge G, et al. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):639–42

Factors associated with home visiting in an inner London general practice. Bucquet D, et al. **Br Med J [Clin Res]** 1985 May 18;290(6480):1480–3

Can general practitioners influence exercise habits? Controlled trial. Campbell MJ, et al. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1044–6

Women doctors in urban general practice: the patients. Cooke M, et al. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):753–5

Low levels of ill health among elderly non-consulters in general practice. Ebrahim S, et al. **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1273–5

Family practitioner committee independence: what will it mean? Ellis N. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):607–11

Rural practice. An interview with the chairman of the rural practices subcommittee. Farrow D. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1089–92

An epidemiological method applied to practices to measure the representativeness of their prescribing characteristics. Fleming DM. **Br Med J [Clin Res]** 1984 Nov 24;289(6456):1425–8

Unrecognised depression in general practice. Freeling P, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1880–3

Facilitating prevention in primary care. Fullard E, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1585–7

Research in general practice [editorial] Gibbins R. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1165–6

Family practice. A Danish view. Hansson I. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):436–8

Preregistration rotation including general practice at St Mary's Hospital Medical School. Harris CM, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1811–3

Influence of patient characteristics on test ordering in general practice. Hartley RM, et al. **Br Med J [Clin Res]** 1984 Sep 22;289(6447):735–8

Reactions of patients to video recording of consultations in general practice. Herzmark G. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):315–7

Do advertisements help in the appointment of a new partner? Higson N. **Br Med J [Clin Res]** 1985 Jan 5;290(6461):35–6

Night workload in one health district. Hobday PJ. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):663–4

Reconstruction of general practice: failure of reform. Honigsbaum F. **Br Med J [Clin Res]** 1985 Mar 16;290(6471):823–6

Research in general practice: pursuit of knowledge or defence of wisdom? Howie JG. **Br Med J [Clin Res]** 1984 Dec 22–29;289(6460):1770–2

The case for small practices. Husain MH. **Br Med J [Clin Res]** 1985 May 25;290(6481):1553–4

Underprivileged areas: validation and distribution of scores. Jarman B. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1587–92

Giving advice about welfare benefits in general practice. Jarman B. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):522–4

Recruiting new principals in general practice. Key I. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):451–5

Does closing branch surgeries affect home visiting? McAvoy BR. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):120–2

Why patient participation groups stop functioning: general practitioners' viewpoint. Mann RG. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):209–11

General practitioner participation in intranatal care in the northern region in 1983. Marsh GN, et al. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):971–3

General practitioner obstetrics in the Northern region in 1983. Marsh GN, et al. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):901–3

New programme of antenatal care in general practice. Marsh GN. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):646–8

Illness among holidaymakers and the effect on a seaside practice. Maskrey N, et al. **Br Med J [Clin Res]** 1985 May 25;290(6481):1551–3

Is communication improving between general practitioners and psychiatrists? Pullen IM, et al. **Br Med J [Clin Res]** 1985 Jan 5;290(6461):31–3

Drug users in contact with general practice. Robertson JR. **Br Med J [Clin Res]** 1985 Jan 5;290(6461):34–5

Evaluation of a computer assisted repeat prescribing programme in a general practice. Roland MO, et al. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):456–8

Violence. Savage R. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1518–9

Provision for maternity leave for general practitioners. Schofield P, et al. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):525–6

Lifestyle assessment: just asking makes a difference. Skinner HA, et al. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):214–6

Lifestyle assessment: applying microcomputers in family practice. Skinner HA, et al. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):212–4

Research in general practice. Sources of advice. Stott NC, et al. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1198–200

Walk in surgery for children. Syed IA, et al. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):318

The team in general practice. Tait I. **Br Med J [Clin Res]** 1984 Sep 29;289(6448):805–6

Repeat prescriptions: was Balint right? Tombleson PM. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1506–8

Safe limits of drinking: general practitioners' views. Wallace P, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1875–6

Effect of distance from surgery on consultation rates in an urban practice. Whitehouse CR. **Br Med J [Clin Res]** 1985 Feb 2;290(6465):359–62

List size and patient contact in general medical practice. Wilkin D, et al. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1501–5

Old people not known to the general practitioner: low risk group. Williams ES, et al. **Br Med J [Clin Res]** 1985 Jul 27;291(6490):251–4

Consultation length: general practitioners' attitudes and practices. Wilson AD. **Br Med J [Clin Res]** 1985 May 4;290(6478):1322–4

Estimates of the potential impact of nurse practitioners on future requirements for physicians in office-based general practice. Lomas J, et al. **Can J Public Health** 1985 Mar–Apr;76(2):119–23

Personal and professional development of teachers in family medicine. Brown JB. **Can Med Assoc J** 1984 Oct 1;131(7):727–9

CFPC urged to take direct role in health care planning. Radford T. **Can Med Assoc J** 1985 Jul 1;133(1):52

The end of an era: Donald I. Rice retires [interview by David Wood] Rice DI. **Can Med Assoc J** 1985 May 15;132(10):1204–8

Pediatric care by family physicians [letter] Seidman E. **Can Med Assoc J** 1985 Jun 15;132(12):1352–3

General practice and the general practitioner in Zimbabwe today [editorial] Greenfield D. **Cent Afr J Med** 1984 Jul;30(7):134–6

Home accidents in general practice. Aloysius DJ. **Ceylon Med J** 1984 Sep;29(3):129–33

Decision making in the treatment of depression by family medicine physicians. Zung WW, et al. **Compr Ther** 1985 Jul;11(7):19–23

Family practice in Malaysia [editorial] **Fam Pract** 1984 Dec;1(4):197–8

Maternal concerns—a concern of family physicians? [editorial] Christie RJ, et al. **Fam Pract** 1984 Dec;1(4):199–201

Relationship between perceived workload and manpower in general practice. Driver B, et al. **Fam Pract** 1984 Dec;1(4):216–8

Characteristics and perceptions of after-hours callers. Evens S, et al. **Fam Pract** 1985 Mar;2(1):10–6

Continuity of care in general practice: a review and critique. Freeman G. **Fam Pract** 1984 Dec;1(4):245–52

Nurse management of hypertension clinics in general practice assisted by a computer. Kenkre J, et al. **Fam Pract** 1985 Mar;2(1):17–22

Health for all through family practice [letter] Rajakumar MK. **Fam Pract** 1985 Mar;2(1):55–6

Chronic illness in a general practice. Rose AT. **Fam Pract** 1984 Sep;1(3):162–7

Clinicians' knowledge about the families of their patients. Rosenberg EE, et al. **Fam Pract** 1985 Mar;2(1):23–9

Multi-disciplinary research between natural and social sciences in general practice. Touw-Otten F, et al. **Fam Pract** 1985 Mar;2(1):42–5

The effect of direct charges on consultations in family practice: a study of a doctors' strike. Weingarten MA, et al. **Fam Pract** 1985 Mar;2(1):35–41

Inaugural address. Burket GE Jr. **GP** 1968 Jan;37(1):151–6

Psychiatry and the primary care physician. Fink PJ. **Hosp Community Psychiatry** 1985 Aug;36(8):870–5

The use of hospital facilities in general practice: a survey. Powderly B, et al. **Ir Med J** 1984 Aug;77(8):256–7

Cost-benefit analysis of clinical pharmacy services in three Iowa family practice offices. Chrischilles EA, et al. **J Clin Hosp Pharm** 1985 Mar;10(1):59–66

Seasonal variations in the process of care in urban general practice. Hallam L, et al. **J Epidemiol Community Health** 1985 Mar;39(1):90–3

A simple measurement of family care in medical practice. Beasley JW. **J Fam Pract** 1985 Jul;21(1):70–1

Multicenter study of family physician prescribing. Carter BL, et al. **J Fam Pract** 1984 Oct;19(4):497–501

Family awareness demonstrated by family practice residents: physician behavior and patient opinions. Crouch MA, et al. **J Fam Pract** 1985 Mar;20(3):281–4

The unit of care revisited. Frank SH. **J Fam Pract** 1985 Aug;21(2):145–6, 148

The role of the family physician in critical care. Goldman RW. **J Fam Pract** 1985 Sep;21(3):231–2

The use of patients' preferences in family practice. Herman JM. **J Fam Pract** 1985 Feb;20(2):153–6

Serum drug level utilization review in a family medicine residency program. Ives TJ, et al. **J Fam Pract** 1984 Oct;19(4):507–12

Adverse drug reaction reporting and the family physician. Kaplan AS. **J Fam Pract** 1984 Oct;19(4):563–4

Clinical hypothesis testing in family practice: a biopsychosocial perspective. Like R, et al. **J Fam Pract** 1984 Oct;19(4):517–23

Clinical application of a high-risk scoring system on a family practice obstetric service. Nuovo J. **J Fam Pract** 1985 Feb;20(2):139–44

Obstetrics in family practice: competence, continuity, and caring. Phillips WR, et al. **J Fam Pract** 1985 Jun;20(6):595–6

Adoption: the family physician's role [clinical conference] Poole SR, et al. **J Fam Pract** 1984 Oct;19(4):443–5, 449, 452, Passim

The family and hypertension in family practice. Romm FJ. **J Fam Pract** 1985 Jul;21(1):49–53

Take these hands: an address to graduating family practice residents. Schnabel TG. **J Fam Pract** 1985 Feb;20(2):201–3

Office audiometry. Snyder J. **J Fam Pract** 1984 Oct;19(4):535–48

Styles of care provided to children in the United States: a comparison by physician specialty. Starfield B, et al. **J Fam Pract** 1985 Aug;21(2):133–8

Evaluation of fatigue in a family practice. Sugarman JR, et al. **J Fam Pract** 1984 Nov;19(5):643–7

Self-assessment in family practice. Taylor AD. **J Fam Pract** 1985 Apr;20(4):400, 409

Computer support for management decision making in family practice. Taylor TR. **J Fam Pract** 1984 Oct;19(4):567–70

Forming a department of family practice in a community hospital. Wadland WC, et al. **J Fam Pract** 1985 May;20(5):503–5

Full clinical departments of family practice: their relationship to hospital privileges in university hospitals. Weiss BD. **J Fam Pract** 1985 Apr;20(4):389–92

Medical ethics [letter] Williamson P, et al. **J Fam Pract** 1985 Feb;20(2):119–20

Free-standing emergency centers and the patient population of family physicians. Yunker RM, et al. **J Fam Pract** 1985 Jul;21(1):63–9

Family practice and internal medicine residents' values related to future medical practices. Quirk M, et al. **J Med Educ** 1985 Feb;60(2):138–40

Students' attitudes toward career choice: a family practice perspective. Wilson JL, et al. **J Med Educ** 1985 Jan;60(1):56–8

Results of a nutrition information study among family practitioners in Oklahoma County. Tinker RA. **J Okla State Med Assoc** 1985 Feb;78(2):43–5

A national code for drugs used in general practice—an identified need? Carney TA. **J R Coll Gen Pract** 1985 A 35(273):198

Exercise and health: participation and promotion by general practitioners. Chambers JS, et al. **J R Coll Gen Pract** 1985 Apr;35(273):189–91

Social work in general practice. Corney RH. **J R Coll Gen Pract** 1985 Jun;35(275):291–2 (30 ref.)

James Mackenzie lecture. The very stuff of general practice. Hasler JC. **J R Coll Gen Pract** 1985 Mar;35(272):121–7

The general practitioner in the inner city: a survey of a London health district. Heath MC, et al. **J R Coll Gen Pract** 1984 Apr;34(261):199–204

Consultation use of a computer by general practitioners. Herzmark G, et al. **J R Coll Gen Pract** 1984 Dec;34(269):649–54

Generic prescribing—a change of habit. Hill A. **J R Coll Gen Pract** 1985 Feb;35(271):89–90

Opportunistic surveillance of child development in primary care: is it feasible? Houston HL, et al. **J R Coll Gen Pract** 1985 Feb;35(271):77–9

Patients' attitudes to chaperones. Jones R. **J R Coll Gen Pract** 1985 Apr;35(273):192–3

Change the rules for clinical trials in general practice. Lewith GT, et al. **J R Coll Gen Pract** 1984 Apr;34(261):239

Comparison of the care of children with Down's syndrome with the care of matched controls. Murdoch JC. **J R Coll Gen Pract** 1984 Apr;34(261):205–9

Writing all prescriptions by computer. Preece JF, et al. **J R Coll Gen Pract** 1984 Dec;34(269):655–7

Towards a rationalization of counselling in general practice. Rowland N, et al. **J R Coll Gen Pract** 1984 Dec; 34(269):685–7

Family planning: general practice and clinic services. Rowlands S. **J R Coll Gen Pract** 1985 Apr;35(273):199–200

Do we need to repeat prescribe? Scott T. **J R Coll Gen Pract** 1985 Feb;35(271):91–2

Problems of inner city general practice in north-east London. Smith C, et al. **J R Coll Gen Pract** 1985 Feb;35(271):71–6

Comparative rating of consultation performance: a preliminary study and proposal for collaborative research. Stanley IM, et al. **J R Coll Gen Pract** 1985 Aug; 35(277):375–80

Care of malignant disease in an urban practice. Urquhart AS, et al. **J R Coll Gen Pract** 1985 Jul;35(276):326–8

Wide variations in the night visiting rate. Usherwood TP, et al. **J R Coll Gen Pract** 1985 Aug;35(277):395

Frequent attenders in general practice: medical, psychological and social characteristics. Westhead JN. **J R Coll Gen Pract** 1985 Jul;35(276):337–40

Counselling in general practice [editorial] Martin E. **J R Soc Med** 1985 Mar;78(3):186–8

Geriatric abuse intervention team in a family practice setting. Clark CB. **J Tenn Med Assoc** 1984 Sep;77(9):535–6

Wasting resources in referrals to hospital [letter] **Lancet** 1984 Dec 22;2(8417–18):1468–70

Towards better general practice [editorial] **Lancet** 1984 Dec 22;2(8417–18):1436–8

Development of a limited formulary for general practice. Grant GB, et al. **Lancet** 1985 May 4;1(8436):1030–2

One man's quest for excellence. Holverson HE. **Md State Med J** 1984 Sep;33(9):722–5

The continuity of care provided to primary care patients. A comparison of family physicians, general internists, and medical subspecialists. Goldberg HI, et al. **Med Care** 1985 Jan;23(1):63–73

The relative complexity of primary care provided by medical specialists. Mendenhall RC, et al. **Med Care** 1984 Nov; 22(11):987–1001

The effect of including secondary diagnoses on the description of the diagnostic content of family practice. Schneeweiss R, et al. **Med Care** 1984 Nov;22(11):1058–63

Problem-based interviewing in general practice: a model. Lesser AL. **Med Educ** 1985 Jul;19(4):299–304

Language skills of general practitioners in Sydney. Driver B. **Med J Aust** 1985 May 27;142(11):599–601

A smoking cessation programme for use in general practice. Richmond RL, et al. **Med J Aust** 1985 Feb 4;142(3):190–4

The family physician as psychotherapist. Pelton CL. **Postgrad Med** 1985 Aug;78(2):227–30

Practice nurses have important role in asthma. **Practitioner** 1985 Aug;229(1406):693

Experience with microcomputers in general practice. Baldwin DW. **Practitioner** 1985 Jul;229(1405):643–6

GP hospitals: reducing waiting, assessing standards [editorial] Cavenagh AJ. **Practitioner** 1985 Apr;229(1402):295, 297

Occupational health and the general practitioner. Dickinson KG. **Practitioner** 1985 Jun;229(1404):519–23

The family doctor's role in the care of the elderly. Gray JA. **Practitioner** 1984 Dec;228(1398):1149–51

Promoting exercise from general practice [editorial] Macauley DC. **Practitioner** 1984 Nov;228(1397):991–3

Mental illness and the general practitioner. Rosen BK. **Practitioner** 1984 Dec;228(1398):1155–7

The doctor, the patient and the computer. Sheldon MG. **Practitioner** 1984 Dec;228(1398):1121–4

Child consultation rates in service families. A comparison with civilians. Sidebotham CF. **Practitioner** 1985 Jul; 229(1405):625, 627

The addict, the doctor and the law. Strang J. **Practitioner** 1985 Apr;229(1402):305–10

Repeat prescribing in the elderly. A case for audit? Nicol F, et al. **Scott Med J** 1984 Jan;29(1):21–4

The role of the receptionist in general practice: a 'dragon behind the desk'? Arber S, et al. **Soc Sci Med** 1985; 20(9):911–21

Byrne and Long: a classification for rating the interview style of doctors. Buijs R, et al. **Soc Sci Med** 1984;19(7):683–90

Family practice social work: a new area of specialization. Greene G, et al. **Soc Work Health Care** 1985 Spring; 10(3):53–73 (94 ref.)

A social and medical survey of the extreme elderly in a mixed town and country practice in Northern Ireland. Glenn MS. **Ulster Med J** 1983;52(2):149–52

After-hour calls in family practice in Barbados. Hoyos MD, et al. **West Indian Med J** 1984 Jun;33(2):68–72

Diagnosis cluster frequency in a community-based family practice residency program. Comparison with large ambulatory data sets. Shear CL, et al. **West J Med** 1985 Jun;142(6):854–7

[The expectations and wishes of elderly patients concerning general practice] Almind G, et al. **Ugeskr Laeger** 1984 Aug 6;146(32):2427–31 (Eng. Abstr.) (Dan)

[The problem formulating phase in general practice] Lassen LC, et al. **Ugeskr Laeger** 1984 Dec 31;147(1):47–51 (Eng. Abstr.) (Dan)

[Treatment of casualties in general practice] Nannestad J, et al. **Ugeskr Laeger** 1984 Jun 11;146(24):1818–21 (Eng. Abstr.) (Dan)

[Pathological anatomy in family practice] Steffelaar JW. **Ned Tijdschr Geneeskd** 1985 May 25;129(21):979–82 (Dut)

[The family practitioner with a computer, a good business?] Zwaan FW. **Ned Tijdschr Geneeskd** 1985 Feb 16; 129(7):297–300 (Dut)

[Relations between general practitioners and public psychiatrists in a rural department] Fellion G, et al. **Ann Med Psychol (Paris)** 1984 Apr;142(4):503–9 (Fre)

[Role of the general practitioner in the treatment of the cancer patient] Klastersky J. **Rev Med Brux** 1984 Sep; 5(7):455–62 (Eng. Abstr.) (Fre)

[Hospital practice of a general practitioner at the Laval City of Health] Jacques A. **Union Med Can** 1984 Sep; 113(9):734–8 (Eng. Abstr.) (Fre)

[The role of the family physician toward his hospitalized patient: an essential role] Jacques A. **Union Med Can** 1984 Sep;113(9):743–5 (Eng. Abstr.) (Fre)

[Sexual problems of patients in general practice] Buddeberg C, et al. **Schweiz Rundsch Med Prax** 1984 Sep 11; 73(37):1113–8 (Eng. Abstr.) (Ger)

[Dry chemistry in medical practice. Possibilities and problems] Keller H. **Schweiz Rundsch Med Prax** 1985 Jul 16;74(29):771–3 (Ger)

[First aid in geriatrics from the viewpoint of the specialist in general medicine] Dan J. **ZFA** 1985 Mar–Apr; 40(2):119–24 (Ger)

[The role of the family physician in the era of specialization and demographic changes (editorial)] Yodfat Y. **Harefuah** 1984 Nov 15;107(10):310–1 (Heb)

[Psychiatric problems and therapeutic measures in the office of the general practitioner] Rizzardo R, et al. **Minerva Med** 1984 Nov 10;75(43):2579–83 (Eng. Abstr.) (Ita)

[Institutes of general medicine—the views and wishes of the primary health care physicians] Eskerud JR, et al. **Tidsskr Nor Laegeforen** 1985 Jun 30;105(19–21):1337–8 (Nor)

[The institutes' place within the general medicine] Fugelli P. **Tidsskr Nor Laegeforen** 1985 Jun 30;105(19–21):1333–6 (Nor)

[Home visiting and hospital admission rates] Rokkones T. **Tidsskr Nor Laegeforen** 1985 Feb 20;105(5):371–2 (Eng. Abstr.) (Nor)

[Family medicine in Brazil] Abath GM. **Educ Med Salud** 1985;19(1):48–73 (Eng. Abstr.) (Por)

[Use of psychotropic drugs in general somatic practice] Smulevich AB, et al. **Zh Nevropatol Psikhiatr** 1985; 85(4):594–9 (Eng. Abstr.) (Rus)

[Aspects of the role, concepts and development of general medicine] Klimo F, et al. **Cesk Zdrav** 1984 Sep; 32(8–9):329–34 (Eng. Abstr.) (Slo)

[Preventive care in general practice and its documentation] Klimo F, et al. **Cesk Zdrav** 1984 Sep;32(8–9):338–48 (Eng. Abstr.) (Slo)

[Prevalence of depressive disorders in general medical consultations] Morera Fumero AL, et al. **Actas Luso Esp Neurol Psiquiatr** 1984 Sep–Oct; 12(5):305–13 (Eng. Abstr.) (Spa)

[The future of primary care] Ordóñez Carceller C. **Educ Med Salud** 1985;19(1):74–84 (Eng. Abstr.) (Spa)

[Primary care and general family medicine] Venturini G. **Rev Med Chil** 1984 Jun;112(6):609–13 (Eng. Abstr.) (Spa)

ECONOMICS

Universal claim form for items of service payments in general practice. Goves JR, et al. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):612–4

Cost effectiveness of general practice. Jones R. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):435–6

Cost efficiency: a new dimension of emphasis for family practice. Udall KS. **J Fam Pract** 1984 Nov;19(5):601–3

Reducing prescribing costs through computer controlled repeat prescribing. Difford F. **J R Coll Gen Pract** 1984 Dec;34(269):658–60

The economics of general practice [letter] **Med J Aust** 1984 Sep 15;141(6):396

An economic approach to the daily activities of private general practitioners. Letourmy A. **Soc Sci Med** 1985; 20(2):173–80

EDUCATION

Behavioral medicine education in the family medicine residency: a critical review. Kirkland KB, et al. **Ala Med** 1985 Jun;54(12):31–2, 37–9

The academic future of general internal medicine [editorial] Huth EJ. **Ann Intern Med** 1985 Feb;102(2):261–3

Rheumatology training at internal medicine and family practice residency programs. Goldenberg DL, et al. **Arthritis Rheum** 1985 Apr;28(4):471–6

Standards of accreditation. Teaching posts in general practice. Breidahl WF. **Aust Fam Physician** 1985 May; 14(5):468–9

Regionalising the training programme in NSW. Dixon T. **Aust Fam Physician** 1985 Jan;14(1):62–3

A university teaching practice: can it teach, research and fulfil a normal service role? Durham JA, et al. **Aust Fam Physician** 1985 Jun;14(6):526–30

Vocational training schemes for general practice: what happens to those not appointed? Balfour AJ. **Br Med J [Clin Res]** 1985 May 18;290(6480):1484

Vocational training needs overhauling. Greig DN. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):973–4

Academic general practice. Horder J. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1117–8

Minimum Standards for Training: A consumer viewpoint. Reynolds M, et al. **Br Med J [Clin Res]** 1985 Jan 5; 290(6461):37–8

Undergraduate general practice teaching in the University of Bristol. Philipp R. **Bristol Med Chir J** 1984 Oct; 99(372):104–6

A collaborative report on training in obstetrics and gynecology for family physicians in Canada. Ad hoc committee of the Association of Professors of Obstetrics and Gynaecology of Canada. **Can Med Assoc J** 1984 Dec 15;131(12):1453–5

Increasing the effectiveness of clinical supervision. Frisch SR, et al. **Can Med Assoc J** 1984 Sep 15;131(6):569–72

Canadian departments of pediatrics and family medicine: in need of family therapy? Klein M. **Can Med Assoc J** 1985 Mar 15;132(6):629–33

Family practice residents' prescribing patterns. Jackson MG, et al. **Drug Intell Clin Pharm** 1985 Mar;19(3):205–9

Learning by contract in family medicine training [letter] Ayles W. **Fam Pract** 1985 Mar;2(1):55

Learning by contract in family medicine training. Ogborne WL, et al. **Fam Pract** 1984 Jun;1(2):117–21

Learning by contract in family medicine training [letter] van Weel C. **Fam Pract** 1985 Mar;2(1):54

The nurse practitioner-physician team in nursing home practice. Panicucci C, et al. **Gerontol Geriatr Educ** 1984–85 Winter;5(2):55–64

The impact of residency training on the productivity of family physicians. Cherkin DC, et al. **Inquiry** 1984 Summer; 21(2):152–60

Medical nutrition education: an assessment of nutrition education in a family practice residency program. Kupper NS, et al. **J Am Diet Assoc** 1985 Aug;85(8):973–4

The cost and funding of family practice graduate education in the United States. Ciriacy EW, et al. **J Fam Pract** 1985 Mar;20(3):285–95

Alcoholism curriculum development: an examination of the process. Coggan PG, et al. **J Fam Pract** 1984 Oct; 19(4):527–32

Obstetric consultations during labor and delivery in a university-based family practice. Craig AS, et al. **J Fam Pract** 1985 May;20(5):481–5

An intervention to increase mammography screening by residents in family practice. Fox S, et al. **J Fam Pract** 1985 May;20(5):467–71

Geriatric teaching in family practice residencies. Goodenough GK. **J Fam Pract** 1985 Sep;21(3):226–7

Forensic training in family practice residencies. Parlour RR, et al. **J Fam Pract** 1984 Nov;19(5):665–8

Diagnosis clusters: a new approach for reporting the diagnostic content of family practice residents' ambulatory experiences. Schneeweiss R. **J Fam Pract** 1985 May; 20(5):487–92

A contractual model for accountability and financial stability in a community-based family practice residency. Werblun MN. **J Fam Pract** 1985 Sep;21(3):228–30

Evaluating continuity and comprehensiveness of care in an elective family practice clerkship. Beasley JW, et al. **J Med Educ** 1985 Apr;60(4):320–9

Faculty development in family medicine: a survey of needs and resources. Frisch SR, et al. **J Med Educ** 1984 Oct; 59(10):831–3

Clinical evaluation in a family medicine residency. Herman JM, et al. **J Med Educ** 1985 May;60(5):413–4

Preceptorships in family medicine for second-year medical students. Jaffe A, et al. **J Med Educ** 1985 Mar;60(3):197–200

The role of the faculty adviser in a family medicine residency. Krick JP, et al. **J Med Educ** 1985 Jan;60(1):60–2

Stress and coping mechanisms in a group of family practice residents. Rudner HL. **J Med Educ** 1985 Jul;60(7):564–6

What does a trainee see? Adam J, et al. **J R Coll Gen Pract** 1985 May;35(274):230–4

Open letter to the William Pickles lecturer. Belton A, et al. **J R Coll Gen Pract** 1984 Oct;34(267):551–4

Continuing medical education. Millac J. **J R Coll Gen Pract** 1985 Jun;35(275):303–4

Evaluation of the experiences of trainees seeking employment after completion of their vocational training. North MA. **J R Coll Gen Pract** 1985 Jan;35(270):29–33

The place of the day release course in vocational training. O'Flanagan P. **J R Coll Gen Pract** 1984 Apr;34(261):242

A method of assessment during vocational training: report of a pilot study. Stanley IM, et al. **J R Coll Gen Pract** 1985 Jan;35(270):9–14

The lasting value of clinical skills. Kern DC, et al. **JAMA** 1985 Jul 5;254(1):70–6

Primary health care in European medical education: a survey. Walton HJ. **Med Educ** 1985 May;19(3):167–88

Faculty satisfaction, activity, and demographics: a comparison of family practice and orthopaedic surgery faculty. Fogarty JP, et al. **Milit Med** 1985 Jan;150(1):15–8

Family Medicine Faculty Development Research Fellowship in the United States Army: a new career pathway. Moore RG Jr, et al. **Milit Med** 1985 Mar;150(3):126–8

Preparation for paediatric surveillance. A survey of trainee general practitioners. Wilmot JF. **Practitioner** 1984 Oct; 228(1396):975–7

Student attachment to a general practice in Cape Town. A report of 5 years' experience. Levenstein S. **S Afr Med J** 1984 Oct 6;66(14):535–7

Family practice residency training and the community health center. Amundson LH. **SD J Med** 1985 Jan;38(1):5–16

Evaluation of an interview training course for general practitioners. Bensing JM, et al. **Soc Sci Med** 1985; 20(7):737–44

Family medicine: a medical care alternative for Latin America. Flores Arechiga A, et al. **Soc Sci Med** 1985; 21(1):87–92

Physician knowledge of risks of surgical and invasive diagnostic procedures. Kronlund SF, et al. **West J Med** 1985 Apr;142(4):565–9

[Teaching social medicine in the 6th year of study of general medicine at a medical school] Nováková H. **Cesk Zdrav** 1984 Jul;32(6–7):248–51 (Eng. Abstr.) (Cze)

[Experimental course of study, General Medicine, at the Catholic University of Nijmegen] Wouters PA, et al. **Ned Tijdschr Geneeskd** 1984 Dec 29;128(52):2462–4 (Dut)

[Influence of education on the physician–patient relationship (Balint) in the practice of psychotherapy] Painchaud G. **Union Med Can** 1985 Feb;114(2):160–2, 164 (Eng. Abstr.) (Fre)

[Cooperation of the psychotherapist and family physician as a combined teaching and learning process] Bösch J. **Psychother Psychosom Med Psychol** 1985 May;35(5):112–5 (Eng. Abstr.) (Ger)

[Methods of training general physicians for field service in East Germany, Hungary and Czechoslovakia] Klimo F, et al. **Cesk Zdrav** 1984 Oct;32(10):409–13 (Eng. Abstr.) (Slo)

HISTORY

The concept of the family doctor. Loudon I. **Bull Hist Med** 1984 Fall;58(3):347–62

A ledger stamped 'G.P'. Stout G. **J R Coll Gen Pract** 1984 Apr;34(261):223–5

The Peckham experiment. Barlow K. **Med Hist** 1985 Jul; 29(3):264–71

[40 years of the III. Internal Medicine Clinic of the School of General Medicine at Charles University in Prague] Petrášek J. **Cas Lek Cesk** 1985 May 24;124(21):661–2 (Cze)

[Family practitioner at the time of liberation] Huygen FJ. **Ned Tijdschr Geneeskd** 1985 May 4;129(18):828–30 (Dut)

INSTRUMENTATION

Patient reactions to doctors' computer use in general practice consultations. Brownbridge G, et al. **Soc Sci Med** 1985; 20(1):47–52

MANPOWER

Deputising services [letter] **Br Med J [Clin Res]** 1984 Sep 22;289(6447):768

Women doctors in urban general practice: the doctors. Cooke M, et al. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):755–8

GPs and their staff: dismissals: fair or unfair? Ellis N. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):668–70

Discrimination in employment. Ellis N. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):886–7

A career in general practice [editorial] McKinlay WJ. **J R Coll Gen Pract** 1985 Jan;35(270):3–4

A social worker attachment to a primary care team. Stott PC, et al. **Practitioner** 1984 Nov;228(1397):1075–8

METHODS

Prescribing psychotropic drugs in general practice: three year study. Jones L, et al. **Br Med J [Clin Res]** 1984 Oct 20; 289(6451):1045–8

Patient use of a mixed appointment system in an urban practice. Taylor B. **Br Med J [Clin Res]** 1984 Nov 10; 289(6454):1277–8

Use of a health planning conference in a family practice. Struve JK, et al. **J Fam Pract** 1985 Jan;20(1):75–8

Procedures in family medicine: a survey. Milhorn HT Jr, et al. **J Miss State Med Assoc** 1985 Jul;26(7):191–3

Compiling a practice disease register—the prevalence of incidental problems. Fairley R. **J R Coll Gen Pract** 1984 Apr;34(261):213–5

The patient map as an aid to surgery planning. Baker RH. **Practitioner** 1984 Nov;228(1397):1085–7

An anti-smoking clinic in general practice. Hackett GI, et al. **Practitioner** 1984 Nov;228(1397):1079–82

An alternative to anticoagulant clinics. Mitchell JH. **Practitioner** 1984 Nov;228(1397):1092–4

STANDARDS

General medical care and the education of internists in university hospitals. An evaluation of the teaching hospital general medicine group practice program. Kosecoff J, et al. **Ann Intern Med** 1985 Feb;102(2):250–7

Setting standards in general practice [editorial] Campion PD. **Br Med J [Clin Res]** 1985 Aug 24;291(6494):499

Randomised controlled trial of routine hospital clinic care versus routine general practice care for type II diabetics. Hayes TM, et al. **Br Med J [Clin Res]** 1984 Sep 22; 289(6447):728–30

Metabolic control of diabetes in general practice clinics: comparison with a hospital clinic. Singh BM, et al. **Br Med J [Clin Res]** 1984 Sep 22;289(6447):726–8

General practice audit of the care of children with asthma. Usherwood TP, et al. **Br Med J [Clin Res]** 1985 Jul 27; 291(6490):254

The quality of care of asthma in general practice—a challenge for the future. Gregg I. **Fam Pract** 1985 Jun;2(2):94–100

Ethics of clinical trials in family medicine. Coulehan JL, et al. **J Fam Pract** 1985 Sep;21(3):217–22

Assessing clinical judgment with standardized patients. McClure CL, et al. **J Fam Pract** 1985 May;20(5):457–64

Office procedural skills in family medicine. Heikes LG, et al. **J Med Educ** 1985 Jun;60(6):444–53

Comparison of standards in training and non-training practices. Baker R. **J R Coll Gen Pract** 1985 Jul; 35(276):330–2

Family practice in hospitals. Weiss BD. **JAMA** 1985 Jan 25; 253(4):549–50

Better general practice [letter] **Lancet** 1985 Jan 19;1(8421):166

Family medicine at Duke: excellence defined. Sullivan RJ. **NC Med J** 1985 Jun;46(6):329–31

Studies in general practice: interpractice differences. Gastpar M. **Pharmacopsychiatry** 1984 Sep;17(5):148–51

TRENDS

Change in hospital access for GPs prompts a research project. Dickinson JA. **Aust Fam Physician** 1985 Feb;14(2):149

Changes in general practice in Victoria. Rowe IL, et al. **Aust Fam Physician** 1985 Mar;14(3):226–8

Reconstruction of general practice: the way forward. Honigsbaum F. **Br Med J [Clin Res]** 1985 Mar 23; 290(6472):904–6

A resource centre for practice based research. Gehlbach SH, et al. **Fam Pract** 1984 Mar;1(1):48–51

Changing models: the impact of Kuhn's theory on medicine. McWhinney IR. **Fam Pract** 1984 Mar;1(1):3–8

International renaissance of primary care and family practice [editorial] Geyman JP. **J Fam Pract** 1985 Jan;20(1):17–8

William Pickles lecture 1985. Change and continuity. Godber G. **J R Coll Gen Pract** 1985 Jul;35(276):321–5

General practitioner's care of the elderly: studies of aspects of workload. Knox JD, et al. **J R Coll Gen Pract** 1984 Apr;34(261):194–8

General practitioners and terminal care—the future. Press AM. **J R Coll Gen Pract** 1984 Apr;34(261):240

The face of general practice in the year 2005. Drury VW. **Practitioner** 1984 Dec;228(1398):1109, 1111

Planning for the future in general practice. Leverton T. **Practitioner** 1984 Dec;228(1398):1127–8, 1130, 1132

Patients—past and future. Paine TF. **Practitioner** 1984 Dec; 228(1398):1113–4, 1116–7

Space and time in British general practice. Armstrong D. **Soc Sci Med** 1985;20(7):659–66

[Family medicine] Bösch J. **Ther Umsch** 1984 Nov; 41(11):789–95 (Eng. Abstr.) (Ger)

UTILIZATION

Where have all the babies gone? An infant care study. Mant A, et al. **Aust Fam Physician** 1985 Jun;14(6):531–2

Prevalence of young chronically sick persons with appreciable disability living in a Scottish community. A survey of general practitioners. Currie AL, et al. **Health Bull (Edinb)** 1984 Nov;42(6):316–20

Consultation rates in a group of West Cork general practitioners. Comber H, et al. **Ir Med J** 1984 Sep; 77(9):294–6

A review of the factors affecting consultations in general practice. Shannon W. **Ir Med J** 1984 Sep;77(9):298–9

Learning to live without practice denominators. Cherkin DC. **J Fam Pract** 1984 Oct;19(4):437–9

[The aged person in the care of the community physician] Jungerová J, et al. **Cesk Zdrav** 1985 May;33(5):205–10 (Eng. Abstr.) (Cze)

[The general practitioner service and hospital admission rate] Rokkones T. **Tidsskr Nor Laegeforen** 1985 Feb 20; 105(5):369–71 (Eng. Abstr.) (Nor)

FAMILY RELATIONSHIP see FAMILY

FAMILY SIZE see FAMILY CHARACTERISTICS

FAMILY THERAPY

Family systems approaches to wife battering: a feminist critique. Bograd M. **Am J Orthopsychiatry** 1984 Oct; 54(4):558–68

Other determinants of therapeutic modality choice [letter] Sander FM. **Am J Psychiatry** 1984 Nov;141(11):1493–4

Therapeutic approach to sexual abuse. Furniss T, et al. **Arch Dis Child** 1984 Sep;59(9):865–70

Family management in the prevention of morbidity of schizophrenia. Clinical outcome of a two-year longitudinal study. Falloon IR, et al. **Arch Gen Psychiatry** 1985 Sep; 42(9):887–96

A controlled evaluation of inpatient family intervention. I. Preliminary results of the six-month follow-up. Glick ID, et al. **Arch Gen Psychiatry** 1985 Sep;42(9):882–6

Family therapy with the elderly mentally ill. Some strategies and techniques. Ratna L, et al. **Br J Psychiatry** 1984 Sep; 145:311–5

Developmental milestones in abused children, and their improvement with a family-oriented approach to the treatment of child abuse. Parish RA, et al. **Child Abuse Negl** 1985;9(2):245–50

Families and individual development: provocations from the field of family therapy. Minuchin P. **Child Dev** 1985 Apr; 56(2):289–302 (77 ref.)

Keeping troubled teens at home. Lantz BK. **Child Today** 1985 May–Jun;14(3):8–12

Family-focused services for children with rare disorders, exemplified by bladder exstrophy. A Norwegian national health program. Vandvik IH, et al. **Clin Pediatr (Phila)** 1985 Feb;24(2):97–100

Family therapy and anthropology. Maranhão T. **Cult Med Psychiatry** 1984 Sep;8(3):255–79, 281

A systems theory conceptualization of incest. Alexander PC. **Fam Process** 1985 Mar;24(1):79–88

Thinking about thinking in family therapy. Auerswald EH. **Fam Process** 1985 Mar;24(1):1–12

Single-case experimental designs in family therapy research: limitations and considerations. Crane DR. **Fam Process** 1985 Mar;24(1):69–77

From general laws to singularities. Elkaim M. **Fam Process** 1985 Jun;24(2):151–64

Feminism and family therapy. Goldner V. **Fam Process** 1985 Mar;24(1):31–47

Paradox and polarity: the Tao of family therapy. Jordan JR. **Fam Process** 1985 Jun;24(2):165–74

Adaptation in family systems: a developmental perspective. Melito R. **Fam Process** 1985 Mar;24(1):89–100

Rites of passage in families with adolescents. Quinn WH, et al. **Fam Process** 1985 Mar;24(1):101–11

The epigenesis of relational systems: a model for understanding family development. Wynne LC. **Fam Process** 1984 Sep;23(3):297–318

Behavioral family intervention with the impaired elderly. Pinkston EM, et al. **Gerontologist** 1984 Dec;24(6):576–83

A wolf in sheep's clothing? Simultaneous use of structural family therapy and behavior modification in a case of encopresis and enuresis. Rydzinski JW, et al. **Hillside J Clin Psychiatry** 1985;7(1):71–81

Family or individual therapy: the determinants of modality choice. Sander FM. **Hillside J Clin Psychiatry** 1985; 7(1):63–70

The Urist Rorschach Mutuality of Autonomy Scale as an indicator of psychopathology. Harder DW, et al. **J Clin Psychol** 1984 Jul;40(4):1078–83

Moving targets: patients' changing complaints during psychotherapy. Sorenson RL, et al. **J Consult Clin Psychol** 1985 Feb;53(1):49–54

Conjoint treatment of spouses: clinical experiences. Albretsen CS. **J Oslo City Hosp** 1985 Jun;35(6):77–81

What is family therapy? Tomson PR. **J R Soc Med** 1985;78 Suppl 8:3–4

'Some ailment in the spiritual part'. Vincent C. **J R Soc Med** 1985;78 Suppl 8:26–7

Managing maladaptive behavior in ill children through family interventions. Golden LB. **J Sch Health** 1984 Nov; 54(10):389–91

Systematic observation and clinical insight—are they compatible? An experiment in recognizing family interactions. Eisler I, et al. **Psychol Med** 1985 Feb; 15(1):173–88

Integration of mental health services and the community in Gaza. el Sarraj ER, et al. **Public Health Rev** 1984; 12(3–4):353–6

Family-oriented treatment of alcoholism. Liepman MR, et al. **RI Med J** 1985 Mar;68(3):123–6

[Conflict between partners as a cause of gynecologic disorders and the possibility of family therapy] Chvála V, et al. **Cesk Gynekol** 1985 Feb;50(1):47–52 (Cze)

[How do video recordings modify perceptions of family relations? Effects on the evaluation process of family members and therapists] Lehmkuhl G, et al. **Prax Kinderpsychol Kinderpsychiatr** 1985 Feb–Mar; 34(2):32–7 (Eng. Abstr.) (Ger)

[Families with a child ill with colitis or asthma in the initial psychoanalytic consultation and the family Rorschach Test] Günther C, et al. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:303–20 (Ger)

[A family with 2 chronically ill children in the initial interview] Olschewski H. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:143–57 (Ger)

[The colitis family in the Rorschach Test] Perinelli K, et al. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985; 26:108–21 (Ger)

[Significance of historical family research for family therapy] Schleiffer R. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:67–82 (Ger)

[Comparative study of psychosocial arrangement: evaluation of family interviews and team discussions. Two-child families with asthmatic, colitis or neurotic index children] Schlierf C. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985; 26:321–38 (Ger)

[Treatment of mother and child. The neurotic index group] Schlierf C. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985; 26:122–42 (Ger)

[Family dynamics in a case of bronchial asthma] Schoenhals H. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985; 26:83–107 (Ger)

[Effect of the family environment on the social adaptation of children with a long-term remission of lymphoblastic leukemia. Preliminary report] Zbrożek J, et al. **Pediatr Pol** 1985 Jan;60(1):51–5 (Eng. Abstr.) (Pol)

[Rehabilitation program for patients with schizophrenia based on 2 weeks of family therapy at a camp] Chlopicki K, et al. **Psychiatr Pol** 1984 Mar-Apr;18(2):101-6 (Eng. Abstr.) (Pol)

[Marriage, patients and ghosts] Sampaio D. **Acta Med Port** 1985 Feb;6(2):41-3 (Por)

[Arguments in favor of family psychotherapy combined with psychotropic therapy in schizophrenia] Diacicov S, et al. **Rev Med Interna [Neurol Psihiatr]** 1984 Apr-Jun; 29(2):131-40 (Eng. Abstr.) (Rum)

[Medico-psychological approach to families with chronic patients] Kornblit A, et al. **Acta Psiquiatr Psicol Am Lat** 1983 Mar;29(1):67-71 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

Comments on Terkelsen's 'Schizophrenia and the Family: II. Adverse effects of family therapy'. Grunebaum H. **Fam Process** 1984 Sep;23(3):421-8

CLASSIFICATION

[Family self-reference] Miermont J. **Psychiatr Enfant** 1984; 27(1):127-73 (Fre)

EDUCATION

The empirical evaluation of family therapy training. Tucker SJ, et al. **Fam Process** 1984 Sep;23(3):437-56

Supervising graduate students in family therapy. Feldstein MA. **Perspect Psychiatr Care** 1984 Jul-Sep;22(3):93-8

METHODS

Hypnosis and family therapy. Braun BG. **Am J Clin Hypn** 1984 Jan;26(3):182-6

Hypnotherapy and family therapy for the cancer patient: a case study. Kaye JM. **Am J Clin Hypn** 1984 Jul;27(1):38-41

Assessment of families in psychiatric emergencies. Perlmutter RA, et al. **Am J Orthopsychiatry** 1985 Jan;55(1):130-9

Family therapy [editorial] Lask B. **Arch Dis Child** 1985 Apr; 60(4):297-8

Issues in the therapy of hearing children with deaf parents. Frankenburg FR, et al. **Can J Psychiatry** 1985 Mar; 30(2):98-102

Adapting Multiple Impact Therapy for day treatment intake. Tovey R, et al. **Child Welfare** 1985 Jul-Aug;64(4):421-6

Ho'oponopono, 'to make right': Hawaiian conflict resolution and metaphor in the construction of a family therapy. Ito KL. **Cult Med Psychiatry** 1985 Jun;9(2):201-17

On 'naturalistic' family research. Bavelas JB. **Fam Process** 1984 Sep;23(3):337-46

Family organization as an ecology of ideas: an alternative to the reification of family systems. Bogdan JL. **Fam Process** 1984 Sep;23(3):375-99

Family boundary ambiguity: a new variable in family stress theory. Boss P, et al. **Fam Process** 1984 Dec;23(4):535-46

Structural complexity and the quality of stepfather-stepchild relationships. Clingempeel WG, et al. **Fam Process** 1984 Dec;23(4):547-60

Changing teams/changing families. de Shazer S, et al. **Fam Process** 1984 Dec;23(4):481-6

Process and strategy in network therapy. Halevy-Martini J, et al. **Fam Process** 1984 Dec;23(4):521-33

Shared parenting: an empirical analysis utilizing a large data base. Irving HH, et al. **Fam Process** 1984 Dec;23(4):561-9

Structural family therapy: its application to Chinese families. Jung M. **Fam Process** 1984 Sep;23(3):365-74

Ethnic intermarriage: implications for therapy. McGoldrick M, et al. **Fam Process** 1984 Sep;23(3):347-64

Symptom utilization in strategic therapy. Mazza J. **Fam Process** 1984 Dec;23(4):487-500

The single-parent family: an author's reflection. Morawetz A. **Fam Process** 1984 Dec;23(4):571-6

The resurrection of a magical reality: treatment of functional migraine in a child. O'Connor JJ. **Fam Process** 1984 Dec; 23(4):501-9

The Ramsay family in Virginia Woolf's To the Lighthouse: a study of arrest at stage three of family development as delineated in Solomon's 'A Developmental, Conceptual Premise for Family Therapy'. Proudfit CL. **Fam Process** 1984 Sep;23(3):319-35

Methods for analyzing marital conflict discourse: implications of a systems approach. Rogers LE, et al. **Fam Process** 1985 Jun;24(2):175-87

Early interactional change and its relationship to family therapy outcome. Seeman L, et al. **Fam Process** 1985 Mar; 24(1):59-68

The debate: a strategic technique. Sheinberg M. **Fam Process** 1985 Jun;24(2):259-71

Pragmatics in the measurement of family functioning: an interpretive framework for methodology. Sigafoos A, et al. **Fam Process** 1985 Jun;24(2):189-211

How really real is real? Speed B. **Fam Process** 1984 Dec; 23(4):511-20

A consultation method addressing the therapist-family system. van Trommel MJ. **Fam Process** 1984 Dec; 23(4):469-80

Family etiology and remission in a case of psychogenic fugue. Venn J. **Fam Process** 1984 Sep;23(3):429-35

Contextual family therapy with the victims of incest. Lutz SE, et al. **J Adolesc** 1984 Dec;7(4):319-27

Paradoxical techniques in strategic family therapy: a behavioral analysis. Coyne JC, et al. **J Behav Ther Exp Psychiatry** 1984 Sep;15(3):221-7

The use of the Rorschach in brief clinical evaluation. Klopfer WG. **J Pers Assess** 1984 Dec;48(6):654-9

Father-daughter incest. Issues in treatment and research. de Chesnay M. **J Psychosoc Nurs Ment Health Serv** 1984 Sep; 22(9):8-11, 15-6

Family circles. Boyd T. **J R Soc Med** 1985;78 Suppl 8:40-2

Working with families. Christie-Seely J. **J R Soc Med** 1985; 78 Suppl 8:43-6

Genograms in general practice. Tomson PR. **J R Soc Med** 1985;78 Suppl 8:34-9

One-person family therapy: a modality of brief strategic family therapy. Foote FH, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1985;58:51-65

The PACE family treatment and education program: a public health approach to parental competence and promotion of mental health. Goodman C. **New Dir Ment Health Serv** 1984 Dec;(24):53-77

Failure in the treatment of a psychotic mother and child: aspects of transference and resistance. Schwartz C. **Psychoanal Rev** 1984 Nov;71(3):397-411

'Psychosocial' interventions with families and their effects on the course of schizophrenia: a review. Barrowclough C, et al. **Psychol Med** 1984 Aug;14(3):629-42

Psychosocial intervention with the child cancer patient and family. Binger CM. **Psychosomatics** 1984 Dec; 25(12):899-902

Hemophilia and the family system. Simon R. **Psychosomatics** 1984 Nov;25(11):845-9

Family admittance for assessment of child abuse/neglect. Problems in cooperation between local agencies and the family wards. Spurkland I, et al. **Ser Paedopsychiatr** 1985 Mar;6:67-73

Crisis intervention: a drop-in support group for cancer patients and their families. Berger JM. **Soc Work Health Care** 1984 Winter;10(2):81-92

Family treatment in the health setting: the need for innovation. Kemler B. **Soc Work Health Care** 1985 Summer;10(4):45-53

[Psychiatric emergencies and systems thinking] Seywert F. **Ann Med Psychol (Paris)** 1984 Jun;142(6):769-80 (Eng. Abstr.) (Fre)

[Integration of the psychoanalytical and systemic approaches in the diagnostic process] Villeneuve C. **Neuropsychiatr Enfance Adolesc** 1984 Sep;32(9):459-64 (Eng. Abstr.) (Fre)

[From family therapy to work with relatives or from the therapeutic to the preventive-rehabilitative paradigm in schizophrenia treatment] Hubschmid T. **Fortschr Neurol Psychiatr** 1985 Apr;53(4):117-22 (Eng. Abstr.) (Ger)

[Introduction to inpatient child and adolescent psychiatric treatment by the initial family interview] Bovensiepen G. **Prax Kinderpsychol Kinderpsychiatr** 1985 Jul;34(5):172-6 (Eng. Abstr.) (Ger)

[Practical use and theoretical considerations on handling therapy in children with early childhood autistic syndrome] Burchard F. **Prax Kinderpsychol Kinderpsychiatr** 1984 Oct; 33(7):282-90 (Eng. Abstr.) (Ger)

[Stuttering as relation disorder. Psychotherapeutic intervention with parents of stuttering children] Krause MP. **Prax Kinderpsychol Kinderpsychiatr** 1985 Jan; 34(1):15-8 (Eng. Abstr.) (Ger)

[Family therapy with divorce families: a review] Schweitzer J, et al. **Prax Kinderpsychol Kinderpsychiatr** 1985 Apr; 34(3):96-100 (Eng. Abstr.) (Ger)

[Children in family therapy. System theoretical and psychoanalytic reflections] Buchholz MB. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:39-52 (Ger)

[Reflections on family-oriented work in a psychiatric acute station] Heltzel R. **Psychiatr Prax** 1984 Sep;11(5):144-50 (Eng. Abstr.) (Ger)

[Types of work with relatives in psychiatry] Katschnig H, et al. **Psychiatr Prax** 1984 Sep;11(5):137-43 (Eng. Abstr.) (Ger)

[Significance of expert-guided groups for relatives in psychiatry] Plessen U, et al. **Psychiatr Prax** 1985 Mar; 12(2):43-7 (Eng. Abstr.) (Ger)

[Paradoxical prescription as a single crisis intervention in family therapy during individual treatment of a patient with anorexia nervosa] Schmidt D. **Psychother Psychosom Med Psychol** 1984 Sep-Oct; 34(9-10):232-6 (Eng. Abstr.) (Ger)

[The role of parents in the treatment of psychotic children] Buddeberg B. **Schweiz Arch Neurol Psychiatr** 1985; 136(2):43-52 (Eng. Abstr.) (Ger)

[Necessity and difficulties of involvement of family members in the psychotherapy of psychosomatic patients] Venner M, et al. **Z Gesamte Inn Med** 1984 Nov 1;39(21):548-9 (Eng. Abstr.) (Ger)

[Family therapy aspects of ulcerative colitis and Crohn disease] Wirsching M. **Z Psychosom Med Psychoanal** 1984; 30(3):238-46 (Eng. Abstr.) (Ger)

TRENDS

Twenty years of family therapy in Israel: a personal journey. Kaffman M. **Fam Process** 1985 Mar;24(1):113-27

Integrative shifts for the theory and practice of family systems therapy. Kantor D, et al. **Fam Process** 1985 Mar; 24(1):13-30

FAMOUS PERSONS

Gandhi: his adolescent conflict of mind and body. Nichtern S. **Adolesc Psychiatry** 1985;12:17-23

The death of Samuel Johnson. Was it hastened by digitalis intoxication? Dirckx JH. **Am J Dermatopathol** 1984 Dec; 6(6):531-6

Benjamin Franklin: physician and philosopher. Glenn WW. **Am J Surg** 1985 Apr;149(4):426-34

Traumatic amputation of the external ear: the War of Jenkins' Ear and George Washington. Liston SL. **Am J Surg** 1984 Nov;148(5):599-601

Mozart's illness & death. Davies PJ. **Bol Asoc Med PR** 1984 Aug;76(8):355-61

Did Shakespeare know schizophrenia? The case of Poor Mad Tom in King Lear. Bark NM. **Br J Psychiatry** 1985 Apr; 146:436-8

Wordsworth. Presidential address to the Bristol Medico-Chirurgical Society, 10th October 1984. Bailey I. **Bristol Med Chir J** 1985 Jan;100(373):1-9

The first presidential assassination attempt. Zonana H. **Bull Am Acad Psychiatry Law** 1984;12(4):309-22

The 'periodical head-achs' of Thomas Jefferson. Battle JD Jr. **Cleve Clin Q** 1984 Fall;51(3):531-9

A treasury of dentistry. Royal extractions. Foley GP. **J Am Coll Dent** 1984 Fall;51(3):22-3

Dentistry on stamps. Loevy HT, et al. **J Am Dent Assoc** 1985 Jul;111(1):59

Dentistry on stamps. Loevy HT, et al. **J Am Dent Assoc** 1984 Sep;109(3):466

The sore eyes of Samuel Pepys. Groffman S. **J Am Optom Assoc** 1985 May;56(5):370-2

Mark Twain: behaviorist. Morgan WG. **J Behav Ther Exp Psychiatry** 1984 Jun;15(2):99

Role of de Vries in the recovery of Mendel's work. I. Was de Vries really an independent discoverer of Mendel? Corcos A, et al. **J Hered** 1985 May-Jun;76(3):187-90

Charles Meryon and physicians. Ackerknecht EH. **J Hist Med Allied Sci** 1984 Oct;39(4):462-4

Two pathographies: a study in illness and literature. Hawkins A. **J Med Philos** 1984 Aug;9(3):231-52

A commentary on 'two pathographies: a study in illness and literature'. Jones AH. **J Med Philos** 1984 Aug;9(3):257-9

The experience of illness: integrating metaphors and the transcendence of illness. Shelp EE. **J Med Philos** 1984 Aug; 9(3):253-6

Mitchiner memorial lecture. Wellington, Napoleon and the medical services. Richardson FM. **J R Army Med Corps** 1985 Feb;131(1):9-15

In sickness and in health. Whitfield AG. **J R Coll Physicians Lond** 1985 Apr;19(2):115-8

André Malraux: a medical interpretation. Guidotti TL. **J R Soc Med** 1985 May;78(5):401-6

Neurological disorders of Dr Samuel Johnson. McHenry LC Jr. **J R Soc Med** 1985 Jun;78(6):485-91

Maurice Ravel and Alzheimer's disease [letter] **JAMA** 1985 May 24-31;253(20):2961-2

Maurice Ravel and Alzheimer's disease. Dalessio DJ. **JAMA** 1984 Dec 28;252(24):3412-3

Monet's cataracts. Ravin JG. **JAMA** 1985 Jul 19;254(3):394-9

The archaeologist of knowledge. Jelly O. **Lancet** 1984 Oct 27;2(8409):974

A death from inoculated smallpox in the English royal family. Baxby D. **Med Hist** 1984 Jul;28(3):303-7

The alleged miscarriages of Catherine of Aragon and Anne Boleyn. Dewhurst J. **Med Hist** 1984 Jan;28(1):49-56

Six new Hill letters. Rousseau GS. **Med Hist** 1984 Jul; 28(3):293-302

Mussolini and Goebbels. Leavesley J. **Med J Aust** 1985 May 13;142(10):564-5

Elizabeth Barrett Browning. Leavesley J. **Med J Aust** 1985 Mar 18;142(6):365-7

Akhenaton. Leavesley JH. **Med J Aust** 1985 Apr 15; 142(8):475-6

Adolph Hitler. Leavesley JH. **Med J Aust** 1985 Jun 24; 142(13):687-8

Porphyria in the reign of George III [letter] Gordon AG. **N Engl J Med** 1985 Jan 24;312(4):248-9

Nathan Pritikin's heart [letter] Hubbard JD, et al. **N Engl J Med** 1985 Jul 4;313(1):52

Virchow's pathological reports on Frederick III's cancer. Lin JI. **N Engl J Med** 1984 Nov 8;311(19):1261-4

On the longevity of the Marquis de Lafayette [letter] Silver FF. **N Engl J Med** 1985 Jan 31;312(5):321

Hawthorne and pericardial calcinosis [letter] Spodick DH. **N Engl J Med** 1985 Feb 14;312(7):446

The best that medical science has to offer. Raines EP. **Nebr Med J** 1985 Jan;70(1):22-5

The eyes of Woodrow Wilson. Retinal vascular disease and George de Schweinitz. Marmor MF. **Ophthalmology** 1985 Mar;92(3):454-65

Shakespeare on plastic surgery. Lutz LA. **Plast Reconstr Surg** 1984 Dec;74(6):841

Infectious diseases in persons of leadership. Berger SA, et al. **Rev Infect Dis** 1984 Nov-Dec;6(6):802-13

The mace of the Royal College of Physicians and Surgeons of Glasgow, Dr Walker Downie, paraffin plastic surgery and Gladys, Duchess of Marlborough. Gibson T. **Scott Med J** 1984 Jan;29(1):27-9

Joan of Arc and DSM III. Henker FO. **South Med J** 1984 Dec;77(12):1488-90

The fatal wound of General Braddock. Layton TR.

Surg Gynecol Obstet 1985 Jun;160(6):571–6

Ludwig van Beethoven. Czeizel A. **Ther Hung** 1982; 30(1):43–7

[Jan Neruda and physicians] Málek P. **Cas Lek Cesk** 1984 Dec 21;123(51):1575–7 **(Cze)**

[The relation of Johann Wolfgang Goethe to medicine, particularly with respect to ophthalmology] Sajner J. **Cesk Oftalmol** 1984 Nov;40(6):386–90 (Eng. Abstr.) **(Cze)**

[CT of the skull of Princess Ludmila and members of her family] Vlček E, et al. **Cesk Radiol** 1984 Dec;38(6):410–6 (Eng. Abstr.) **(Cze)**

[Dick Ket, a painter and his illness] de Haas WH. **Ned Tijdschr Geneeskd** 1984 Dec 22;128(51):2423–5 **(Dut)**

[Van Gogh, the stigmatized man of the society] Bénézech M, et al. **Ann Med Psychol (Paris)** 1984 Nov;142(9):1161–71 (Eng. Abstr.) **(Fre)**

[The madnesses of Zola II. Madness interaction in 'La Joie de Vivre'. 2. Psychopathology and relational anthropology] Fernandez-Zoïla A. **Ann Med Psychol (Paris)** 1985 Feb; 143(2):125–38 (Eng. Abstr.) **(Fre)**

[Homage to Dr. François Rabelais (1484–1553)] Aron E. **Bull Acad Natl Med (Paris)** 1984 May–Jun;168(5–6):634–7 (Eng. Abstr.) **(Fre)**

[Problematic filiation, family novel and secret (apropos of Louis Aragon)] Matot JP. **Psychiatr Enfant** 1984; 27(2):523–38 **(Fre)**

[The ill-fated delivery and death of Princess Charlotte of England 6 November 1817] Dumont M. **Rev Fr Gynecol Obstet** 1985 Feb;80(2):121–4 (Eng. Abstr.) **(Fre)**

[Postscript to the deterioration of patient J.P. Sartre. The book 'Adieu.' A Farewell to Sartre by Simone de Beauvoir seen through a physician's eyes] Halhuber MJ. **Fortschr Med** 1984 Dec 6;102(45):Suppl 64–5 **(Ger)**

[The 'Führer' treats himself. Based on now available records of the physician Theo Morell the realistic profile of the secret diseases of Adolf Hitler are recognized (I)] Katz O. **Fortschr Med** 1984 Oct 4;102(37):70–1 **(Ger)**

[James Israel: my travels to the Sultan (1915). Remarks on the diary of a medical mission] Sackmann W. **Gesnerus** 1985;42(1–2):121–48 (Eng. Abstr.) **(Ger)**

[Did Rembrandt have a nickel allergy?] Leyh F. **Hautarzt** 1984 Sep;35(9):472–3 **(Ger)**

[Goethe's eye disease] Hruby K. **Klin Monatsbl Augenheilkd** 1984 Jul;185(1):61–3 (Eng. Abstr.) **(Ger)**

[The Annette von Droste-Hülshoff syndrome] Meyer-Schwickerath G. **Klin Monatsbl Augenheilkd** 1984 Jun;184(6):574–7 (Eng. Abstr.) **(Ger)**

[Beethoven's disease—Paget's disease? New sources, new interpretations] Bankl H. **Pathologe** 1985 Jan;6(1):46–50 **(Ger)**

[Sabbatai Zwi—a false Jewish Messiah. Case report on religious psychopathology] Barocka A. **Schweiz Arch Neurol Psychiatr** 1985;136(3):43–54 (Eng. Abstr.) **(Ger)**

[Hegel's death] Döll H. **Z Arztl Fortbild (Jena)** 1985; 79(5):217–9 **(Ger)**

[The dental diseases of Endre Ady] Huszár G. **Orv Hetil** 1984 Oct 14;125(42):2575–6 **(Hun)**

[The intraorbital tumor of Field Marshal Radetzky cured by homeopathic therapy] Belloni L. **Gesnerus** 1985; 42(1–2):35–46 (Eng. Abstr.) **(Ita)**

[Need for re-interpreting various invalid medico-historical opinions] Gutt RW. **Arch Hist Med (Warsz)** 1985; 48(1):19–29 (Eng. Abstr.) **(Pol)**

[Remarks with regard to the health, diseases and cause of death of Jan Kochanowski (1530–1584)] Müldner-Nieckowski P. **Arch Hist Med (Warsz)** 1985; 48(1):51–62 (Eng. Abstr.) **(Pol)**

[Illnesses and death of Waclaw II, king of Poland and Bohemia] Dudziński W. **Wiad Lek** 1985 Apr 15;38(8):613–5 **(Pol)**

[The health of King Wladislaus Lokietek] Dudziński W. **Wiad Lek** 1985 May 1;38(9):683–5 **(Pol)**

[Love of children in the works and activities of Janusz Korczak] Palasz M. **Wiad Lek** 1984 May 1;37(9):733–6 **(Pol)**

[The medical environment of N. V. Gogol' (on the 175th anniversary of the writer's birth)] Arkhangel'skii GV. **Klin Med (Mosk)** 1985 Mar;63(3):138–41 **(Rus)**

[N. A. Belogolovyi and Russian cultural figures of the 19th century (on the 150th anniversary of his birth)] Arkhangel'skii GV. **Klin Med (Mosk)** 1984 Nov; 62(11):142–7 **(Rus)**

[The history of V.G. Belinskii's illness] Brzheskii VCh, et al. **Klin Med (Mosk)** 1984 Aug;62(8):150–2 **(Rus)**

[A. S. Pushkin and medicine] Katsnel'bogen AG. **Klin Med (Mosk)** 1984 Dec;62(12):117–20 **(Rus)**

[Aleksandr Porfir'evich Borodin (on the 150th anniversary of his birth)] Shul'tsev GP. **Klin Med (Mosk)** 1984 Jul; 62(7):144–7 **(Rus)**

[Hippocrates and the present time] Kozlov AM, et al. **Sov Med** 1985;(4):118–20 **(Rus)**

[The medical milieu of Mikhail Iur'evich Lermontov (on the 170th anniversary of his birth)] Nekhapetov BA. **Sov Zdravookhr** 1984;(11):68–71 **(Rus)**

[Don Diego Portales and the Paddock case] Costa-Casaretto C. **Rev Med Chil** 1984 Aug;112(8):842–8 **(Spa)**

[Diego Portales and Andrew Blest] Costa-Casaretto C. **Rev Med Chil** 1984 Sep;112(9):958–63 **(Spa)**

[Don Diego Portales and Dr. William C. Blest] Costa-Casaretto C. **Rev Med Chil** 1984 Jun;112(6):625–31 **(Spa)**

[Famous men born prematurely] Lagercrantz H. **Lakartidningen** 1985 Jan 23;82(4):202 **(Swe)**

FANCONI SYNDROME

CHEMICALLY INDUCED

[Osteomalacia disclosing de Toni-Debré-Fanconi syndrome caused by the ingestion of 3-methylchromone] Ghozlan R, et al. **Rev Rhum Mal Osteoartic** 1985 Jan;52(1):61–2 **(Fre)**

[Reversible Fanconi syndrome induced by inadequately stored oxytetracycline (letter)] Piper C, et al. **Dtsch Med Wochenschr** 1985 Jul 12;110(28–29):1144–5 **(Ger)**

COMPLICATIONS

Adult Fanconi syndrome progressing to multiple myeloma. Sewell RL, et al. **J Clin Pathol** 1984 Nov;37(11):1256–8

Biochemical studies of a patient with hereditary hepatorenal tyrosinemia: evidence of glutathione deficiency. Stoner E, et al. **Pediatr Res** 1984 Dec;18(12):1332–6

Vitamin D metabolites and osteomalacia in the human Fanconi syndrome. Colussi G, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:756–60

DIAGNOSIS

Recurrent fractures, hypophosphatemia, and renal insufficiency in an elderly woman. Glassock RJ, et al. **Am J Nephrol** 1984;4(5):329–35

ENZYMOLOGY

Renal refractoriness to PTH in experimental Fanconi syndrome: evidence for intact adenylate cyclase activation. Wald H, et al. **Pflugers Arch** 1984 Sep;402(1):116–9

ETIOLOGY

Fanconi syndrome associated with a non-ossifying fibroma of bone. Leehey DJ, et al. **Am J Med** 1985 Apr;78(4):708–10

Fatal infantile mitochondrial myopathy and renal dysfunction caused by cytochrome c oxidase deficiency: immunological studies in a new patient. Zeviani M, et al. **Ann Neurol** 1985 Apr;17(4):414–7

Angioimmunoblastic lymphadenopathy and transient Fanconi syndrome. Bello I, et al. **Nephron** 1985;39(3):275–6

[Muscle atrophy associated with osteomalacia in secondary Fanconi's syndrome following kappa type Bence Jones myeloma] Goto J, et al. **Rinsho Shinkeigaku** 1985 Mar; 25(3):301–6 (Eng. Abstr.) **(Jpn)**

METABOLISM

Idiopathic de Toni-Debré-Fanconi syndrome with absence of proximal tubular brush border. Manz F, et al. **Clin Nephrol** 1984 Sep;22(3):149–57

Evidence for a defect in vitamin D metabolism in a patient with incomplete Fanconi syndrome. Baran DT, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):998–1001

Plasma and muscle free carnitine deficiency due to renal Fanconi syndrome. Bernardini I, et al. **J Clin Invest** 1985 Apr;75(4):1124–30

[Biosynthesis of DNA and RNA in cultured cutaneous fibroblasts of patients with tubulopathies] Sivanova LA, et al. **Urol Nefrol (Mosk)** 1984 Nov–Dec;(6):64–8 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Tubulointerstitial renal diseases of children: pathologic features and pathogenetic mechanisms in Fanconi's familial nephronophthisis, antitubular basement membrane antibody disease, and medullary cyst disease. Helczynski L, et al. **Pediatr Pathol** 1984;2(1):1–24

[Peroxisomal defects in Zellweger's disease—a description of 2 Swedish cases] Björkhem I, et al. **Lakartidningen** 1985 May 1;82(18):1674–7 **(Swe)**

PHYSIOPATHOLOGY

A case of glycogen storage disease type I associated with an incomplete type of Fanconi syndrome; the protective role of lysosomal alpha 1,4-glucosidase and insulin deficiency against hypoglycemia. Itakura M, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:204–6

PREVENTION & CONTROL

Phosphate loading attenuates renal tubular dysfunction induced by maleic acid in the dog. Al-Bander H, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):F513–21

RADIONUCLIDE IMAGING

Renal handling of technetium-99m DMSA in rats with proximal tubular dysfunction. Provoost AP, et al. **J Nucl Med** 1985 Sep;26(9):1063–7

SURGERY

New applications of total parathyroidectomy and autotransplantation: use in proximal renal tubular dysfunction. Kinder BK, et al. **World J Surg** 1985 Feb; 9(1):156–64

URINE

Complete amino acid sequence of a unique protein related to the variable domain of lambda light chain from a case with Fanconi syndrome. Kametani F, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):848–52

FANCONI'S ANEMIA see under **ANEMIA, APLASTIC**

FANFT see under **THIAZOLES**

FANGOTHERAPY see **MUD THERAPY**

FANTASY

The snow leopard. Fusion in an elaborated delusional fantasy. Berenstein F. **Am J Psychoanal** 1984 Winter;44(4):377–97

Fantasized companions and suicidal depressions: two case reports. Seeman K, et al. **Am J Psychother** 1984 Oct; 38(4):541–57

Fluency and fantasy. McGrath WB. **Ariz Med** 1984 Sep; 41(9):604–5

Learning impotence and the Peter Pan fantasy. Westman JC, et al. **Child Psychiatry Hum Dev** 1985 Spring;15(3):153–66

Two brains, one child: interhemispheric information transfer deficits and confabulatory responding in children aged 4, 7, 10. Joseph R, et al. **Cortex** 1984 Sep;20(3):317–31

Nursery rhymes and early language acquisition by mentally handicapped children. Glenn SM, et al. **Except Child** 1984 Sep;51(1):72–4

Storytelling as an age-dependent skill: oral recall of orally presented stories. Mergler NL, et al. **Int J Aging Hum Dev** 1984–85;20(3):205–28

The hypnotic hero: a technique for hypnosis with children. Tilton P. **Int J Clin Exp Hypn** 1984 Oct;32(4):366–75

The Clown Club: a structured fantasy approach to group therapy with the latency-age child. Smith JD, et al. **Int J Group Psychother** 1985 Jan;35(1):49–64

Sex and handedness differences in the use of autoerotic fantasy and imagery: a proposed explanation. Gottlieb JF. **Int J Neurosci** 1985 May;26(3–4):259–68

The transferable penis and the self representation. Soll MH. **Int J Psychoanal Psychother** 1984–85;10:473–93

The use of analogy in individual psychotherapy with young and pre-adolescents: 'Superman, Bimbo and the big, grey wolf'. Baird F. **J Adolesc** 1984 Sep;7(3):285–93

Adolescent fantasy and self-fulfillment: the problem of female passivity. Humphrey M, et al. **J Adolesc** 1984 Sep; 7(3):295–304

Evaluating the systematic use of humor in psychotherapy with adolescents. Prerost FJ. **J Adolesc** 1984 Sep; 7(3):267–76

Denial in fantasy and hypomania: an exploration. Bley NF. **J Am Psychoanal Assoc** 1984;32(4):865–79

The self as fantasy: fantasy as theory. Grossman WI. **J Am Psychoanal Assoc** 1982;30(4):919–37

Sexual fantasy alternation: procedural considerations. Laws DR. **J Behav Ther Exp Psychiatry** 1985 Mar;16(1):39–44

Occupational dream, relation to parents and depression in the early adult transition. Gooden W, et al. **J Clin Psychol** 1984 Jul;40(4):945–54

Suicidal fantasies in normal children. Pfeffer CR. **J Nerv Ment Dis** 1985 Feb;173(2):78–84

Sexual fantasy and activity patterns of males with inhibited sexual desire and males with erectile dysfunction versus normal controls. Nutter DE, et al. **J Sex Marital Ther** 1985 Summer;11(2):91–8

Play, myth, theater, and psychoanalysis. Grolnick SA. **Psychoanal Rev** 1984 Sep;71(2):247–62

Fantasy and reality in the oedipal phase. A conceptual overview. Abrams S. **Psychoanal Study Child** 1984; 39:83–100

Witches—bad and good. Maternal psychopathology as a developmental interference. Levinson L. **Psychoanal Study Child** 1984;39:371–92

The structure of fantasied movement in suicidal children and adolescents. Santostefano S, et al. **Suicide Life Threat Behav** 1984 Spring;14(1):3–16

[From the archives of psychoanalysis. Pinocchio] Róheim G. **Psyche (Stuttg)** 1985 Jan;39(1):62–8 **(Ger)**

[Specificity of 'pensée opératoire' in psychosomatic disorders] Vogt R, et al. **Psychother Psychosom Med Psychol** 1985 Jun;35(6):160–6 (Eng. Abstr.) **(Ger)**

[The horror story—a contribution of horror literature to psychoanalysis] Pohl H. **Z Psychosom Med Psychoanal** 1985;31(2):187–99 (Eng. Abstr.) **(Ger)**

[Confabulation and frontal lobe injury—considerations with regard to a particular form of post-traumatic amnesia syndrome] Kotapka-Minc S. **Neurol Neurochir Pol** 1985 Jan–Feb;19(1):30–5 (Eng. Abstr.) **(Pol)**

[Family background of patients with slowly progressive childhood schizophrenia with a syndrome of pathologic fantasizing] Kozlova IA, et al. **Zh Nevropatol Psikhiatr** 1985;85(5):736–41 (Eng. Abstr.) **(Rus)**

[Various features of the syndrome of pathologic fantasizing in slowly progressing schizophrenia in children] Rudneva

K. **Zh Nevropatol Psikhiatr** 1984;84(10):1533-8 (Eng. Abstr.) (Rus)

FAO, UNITED NATIONS see UNITED NATIONS

FAR EASTERN RUSSIAN ENCEPHALITIS see ENCEPHALITIS, TICK-BORNE

FARMER'S LUNG

DIAGNOSIS

Usefulness of skin test in Farmer's lung. Morell F, et al. **Chest** 1985 Feb;87(2):202-5

Hypersensitivity pneumonitis concomitant with acute airway obstruction after exposure to hay dust. Baur X, et al. **Respiration** 1984;46(4):354-61

[Provocation test by occupational challenge for hypersensitivity pneumonitis (farmer's lung)] Fujikane T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jul; 22(7):577-83 (Eng. Abstr.) (Jpn)

[Enzyme-linked immunosorbent assay (ELISA) for IgG antibodies in farmer's lung] Konishi K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep;22(9):762-8 (Eng. Abstr.) (Jpn)

ETIOLOGY

Fuel chip-induced hypersensitivity pneumonitis caused by penicillium species. van Assendelft AH, et al. **Chest** 1985 Mar;87(3):394-6

IMMUNOLOGY

Experimental hypersensitivity pneumonitis: lack of tolerance. Schuyler MR, et al. **Am Rev Respir Dis** 1984 Nov; 130(5):772-7

Detection of class-specific antibodies against Micropolyspora faeni antigens in farmers' lung. Huizinga M, et al. **Clin Allergy** 1985 Mar;15(2):139-45

Absence of correlation between the degree of alveolitis and antibody levels to Micropolysporum faeni. Hébert J, et al. **Clin Exp Immunol** 1985 Jun;60(3):572-8

Factors influencing the development of serum precipitins to farmer's lung antigen in Quebec dairy farmers. Cormier Y, et al. **Thorax** 1985 Feb;40(2):138-42

[A fatal case of farmer's lung: a study of specific classes of antibodies in the serum and broncho-alveolar lavage] Gari M, et al. **Rev Mal Respir** 1985;2(1):11-4 (Eng. Abstr.) (Fre)

[Farmer's lung disease] Honma Y, et al. **Kokyu To Junkan** 1985 Jun;33(6):737-44 (51 ref.) (Jpn)

MICROBIOLOGY

Immunohistochemical identification of Aspergillus fumigatus in farmer's lung. Reijula K, et al. **Acta Histochem (Jena)** 1984;75(2):211-3

OCCURRENCE

[Farmer's lung in the east of Hokkaido—its geographical distribution] Konno T, et al. **Hokkaido Igaku Zasshi** 1985 Mar;60(2):299-302 (Eng. Abstr.) (Jpn)

PATHOLOGY

[Interstitial pneumonia caused by molds from a cold storage house for fruit] Kroidl RF, et al. **Prax Klin Pneumol** 1984 Oct;38(10):434-7 (Eng. Abstr.) (Ger)

[Pathological studies on farmer's lung by transbronchial lung biopsy] Sudo M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 May; 22(5):370-5 (Eng. Abstr.) (Jpn)

PHYSIOPATHOLOGY

Long-term physiologic outcome after acute farmer's lung. Cormier Y, et al. **Chest** 1985 Jun;87(6):796-800

RADIOGRAPHY

Radiologic findings in farmer's lung. Prognosis and correlation to lung function. Mönkäre S, et al. **Chest** 1985 Apr;87(4):460-6

A follow-up study on the lung disorders of rush (igusa) farmers exposed to 'sendo' dust. Ueda A, et al. **Sangyo Igaku** 1984 Jan;26(1):32-44

FARNESOL

ANALOGS & DERIVATIVES

Experimental techniques for photoaffinity labeling of juvenile hormone binding proteins of insects with epoxyfarnesyl diazoacetate. Prestwich GD, et al. **Methods Enzymol** 1985; 111:509-30

FASCIA

[Ledderhose disease (case considerations)] Bottinelli NF. **Chir Ital** 1982 Dec;34(6):1005-8 (Eng. Abstr.) (Ita)

[Fascial compartment syndromes in the upper limb] Dziak A. **Chir Narzadow Ruchu Ortop Pol** 1985;50(1):1-4 (Eng. Abstr.) (Pol)

[Clinical manifestations of myofasciotenodesis of the knee joint] Krasnov AF, et al. **Ortop Travmatol Protez** 1985 Feb; (2):62-5 (Rus)

ANATOMY & HISTOLOGY

Fascial compartments of the equine crus. Updike SJ. **Am J Vet Res** 1985 Mar;46(3):692-6

Surgical anatomy of the upper eyelid fascia. Siegel R. **Ann Plast Surg** 1984 Oct;13(4):263-73

[Anatomy of the visceral fascia of the pelvis from the didactic viewpoint] Richter K, et al. **Geburtshilfe Frauenheilkd** 1985 May;45(5):282-7 (Eng. Abstr.) (Ger)

[Existence of a retinaculum musculorum extensorum immum in man] Kaneff A, et al. **Gegenbaurs Morphol Jahrb** 1984; 130(6):769-78 (Eng. Abstr.) (Ger)

BLOOD SUPPLY

Fasciocutaneous vessels. Their distribution on the trunk and limbs, and their clinical application in tissue transfer. Cormack GC, et al. **Anat Clin** 1984;6(2):121-31 (45 ref.)

[Effect of hypodynamia on the hemomicrocirculatory bed of the triceps muscle and brachial fascia in the rat] Nikitin MV, et al. **Arkh Anat Gistol Embriol** 1984 Oct;87(10):14-20 (Eng. Abstr.) (Rus)

INNERVATION

[Features of the innervation of fascia and their microcirculatory bed in the rat] Vshivtseva VV, et al. **Arkh Anat Gistol Embriol** 1985 May;88(5):16-22 (Eng. Abstr.) (Rus)

PATHOLOGY

Diffuse (eosinophilic) fasciitis. A series of six cases. De Jonge-Bok JM, et al. **Clin Rheumatol** 1984 Sep;3(3):365-73

The isolated digital cord in Dupuytren's contracture: anatomy and clinical significance. Strickland JW, et al. **J Hand Surg [Am]** 1985 Jan;10(1):118-24

Dupuytren's disease: comparative growth dynamics and morphology between cultured myofibroblasts (nodule) and fibroblasts (cord). Vande Berg JS, et al. **J Orthop Res** 1984; 2(3):247-56

Congenital fascial dystrophy—a noninflammatory disease of fascia: the stiff skin syndrome. Jablonska S, et al. **Pediatr Dermatol** 1984 Oct;2(2):87-97

[Soft tissue clear cell sarcomas. Reevaluation of clear cell sarcomas of the tendons and the aponeuroses in 14 cases] Ben Romdhane K, et al. **Ann Pathol** 1984 Dec;4(5):349-60 (Eng. Abstr.) (Fre)

[Anatomic relations between skin and pathologically changed aponeurosis in Dupuytren disease] Martini AK. **Handchir Mikrochir Plast Chir** 1985 May;17(3):134-8 (Eng. Abstr.) (Ger)

[Micromorphological studies in Dupuytren's contracture] Gaździk T, et al. **Chir Narzadow Ruchu Ortop Pol** 1984; 49(4):345-9 (Eng. Abstr.) (Pol)

PHYSIOLOGY

Effects of structure and strain measurement technique on the material properties of young human tendons and fascia. Butler DL, et al. **J Biomech** 1984;17(8):579-96

[Effect of Tenon's capsule on the formation and functioning of a postoperative fistula] Kolesnikova LN, et al. **Vestn Oftalmol** 1984 Sep-Oct;(5):13-5 (Eng. Abstr.) (Rus)

RADIOGRAPHY

Cranio-fascial tuberculosis. Bhatia BD, et al. **Indian Pediatr** 1984 Oct;21(10):822-4

Perirenal cobwebs: the expanding CT differential diagnosis. Feuerstein IM, et al. **J Comput Assist Tomogr** 1984 Dec; 8(6):1128-30

SURGERY

Chronic compartment syndrome: diagnosis, management, and outcomes. Detmer DE, et al. **Am J Sports Med** 1985 May-Jun;13(3):162-70

A simple method for closing fasciotomies. Bulstrode CJ, et al. **Ann R Coll Surg Engl** 1985 Mar;67(2):119-20

Relief from pain in Sudeck's posttraumatic syndrome by fasciotomy. A clinical, radiographic, and scintigraphic study. Sudmann E, et al. **Arch Orthop Trauma Surg** 1984; 103(3):185-9

Venous stasis ulceration. Effectiveness of subfascial ligation. Johnson WC, et al. **Arch Surg** 1985 Jul;120(7):797-800

Dermofasciectomy for Dupuytren's disease. Hueston JT. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):224-32

The exposed cardiac pacemaker. Treatment by subfascial pocket relocation. Garcia-Rinaldi R, et al. **J Thorac Cardiovasc Surg** 1985 Jan;89(1):136-41

Parotid fascia and face lifting [letter] McKinney P. **Plast Reconstr Surg** 1985 Mar;75(3):439-40

Mechanical factors in abdominal wound closure: the prevention of fascial dehiscence. Poole GV Jr. **Surgery** 1985 Jun;97(6):631-40

Preservation of periprostatic autonomic nerves during total perineal prostatectomy by intrafascial dissection. Weiss JP, et al. **Urology** 1985 Aug;26(2):160-3

[The temporal muscle and its aponeurosis. Structural originality. Surgical value] Antoine P, et al. **Ann Chir Plast Esthet** 1984;29(3):227-32 (Eng. Abstr.) (Fre)

[Dehiscence and disinsertion of the aponeurotic bundle of the upper eyelid levator in acquired ptosis] Morax S. **J Fr Ophtalmol** 1984;7(11):727-36 (Eng. Abstr.) (Fre)

[Total fasciectomy in the treatment of Dupuytren contracture] Wellner K. **Beitr Orthop Traumatol** 1985 May; 32(5):221-7 (Eng. Abstr.) (Ger)

[Therapy of stress incontinence recurrence: comparison of fascia sling-plasty and Zoedler band in 117 patients] Thon W, et al. **Urol Int** 1984;39(6):339-44 (Eng. Abstr.) (Ger)

[Subcutaneous rupture of the distal biceps brachii tendon. Insertion to the anterior brachial muscle with a fascia lata autoplastic flap] Poli G. **Chir Organi Mov** 1984;69(2):175-80 (Eng. Abstr.) (Ita)

TRANSPLANTATION

The tensor fasciae latae musculocutaneous flap in operations for trochanteric decubitus ulcers. Riebelová V. **Acta Chir Plast (Prague)** 1985;27(1):17-25

Implantation of a strip of fascia in the venous wall. Jacobs JW, et al. **Acta Morphol Neerl Scand** 1984 Jul;22(2):115-22

Use of temporalis fascia in eyelid reconstruction. Holt JE, et al. **Arch Otolaryngol** 1985 Mar;111(3):165-7

A one-stage reconstruction of a large defect of the tendo Achilles and the overlying skin. Fumarola A. **Br J Plast Surg** 1985 Jul;38(3):403-6

Polylactate-coated carbon fiber in extra-articular reconstruction of the unstable knee. King JB, et al. **Clin Orthop** 1985 Jun;(196):139-42

Fasciocutaneous flaps in intraoral reconstruction. McGregor IA. **Clin Plast Surg** 1985 Jul;12(3):453-61

Clinical uses of the tensor fascia lata myocutaneous flap. Stair JM, et al. **J Arkansas Med Soc** 1985 Feb;81(9):475-7

Fascia lata and dura mater used as soft tissue homografts in the oral cavity. Zachariades N. **J Oral Med** 1984 Oct-Dec;39(4):254-6

Tympanomastoid surgery: a technique for repairing posterior osseous canal wall defects with autologous temporalis fascia and bone pâte. Althaus SR. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):227-9

Experience with the temporoparietal fascial free flap. Brent B, et al. **Plast Reconstr Surg** 1985 Aug;76(2):177-88

Temporoparietal free fascia grafts in rhinoplasty. Guerrerosantos J. **Plast Reconstr Surg** 1984 Oct; 74(4):465-75

[Circling operation with fascia lata strips in retinal detachment] Xia XM. **Chung Hua Yen Ko Tsa Chih** 1985 Jan;21(1):46-8 (Chi)

[X-ray computed tomographic demonstration of the effects of tendon lengthening by the Focosi method] Boschi MC, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:83-8 (Fre)

[Comparative evaluation of the immediate results of scleroplastic operations using allosclera and allofascia in progressive myopia] Adigezalova-Polchaeva KA, et al. **Oftalmol Zh** 1984;(8):457-60 (Eng. Abstr.) (Rus)

[Nephropexy using a renal fascia flap] Klepikov FA. **Urol Nefrol (Mosk)** 1985 May-Jun;(3):18-22 (Eng. Abstr.) (Rus)

[Plastic surgery of the white line in large ventral hernias with diastasis of the rectus abdominis muscle] Kiselev AI, et al. **Vestn Khir** 1984 Aug;133(8):69-70 (Rus)

ULTRASTRUCTURE

[Imaging of Dupuytren's disease with a scanning electron microscope] Gaździk T, et al. **Chir Narzadow Ruchu Ortop Pol** 1985;50(1):13-6 (Eng. Abstr.) (Pol)

FASCIA LATA see under FASCIA

FASCICULAR BLOCK see BUNDLE-BRANCH BLOCK

FASCICULATION see under NEUROLOGIC MANIFESTATIONS

FASCIITIS

[Acute hemolytic streptococcal gangrene] Brousil L. **Rozhl Chir** 1985 Jan;64(1):43-8 (Eng. Abstr.) (Cze)

CHEMICALLY INDUCED

Haemolytic streptococcal gangrene and non-steroidal anti-inflammatory drugs. Brun-Buisson CJ, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1786

COMPLICATIONS

Eosinophilic fasciitis, reactive hepatitis, and splenomegaly. Jacobs MB. **Arch Intern Med** 1985 Jan;145(1):162-3

Eosinophilic fasciitis: extracutaneous manifestations and associations. Doyle JA. **Cutis** 1984 Sep;34(3):259-61 (46 ref.)

An overlap of diffuse fasciitis with eosinophilia and scleroderma. Drosos AA, et al. **Rheumatol Int** 1984; 4(4):187-9

[Respiratory distress syndrome in necrotizing fasciitis of the hand] Rimailho A, et al. **Ann Fr Anesth Reanim** 1984; 3(6):446-8 (Eng. Abstr.) (Fre)

[A new case of eosinophilic fasciitis with bone marrow aplasia. Cure by high doses of corticoids (letter)] Quilichini R, et al. **Presse Med** 1985 Feb 16;14(7):427 (Fre)

[A new case of eosinophilic fasciitis complicated by bone marrow aplasia] Cayla J, et al.

Rev Rhum Mal Osteoartic 1985 Apr;52(4):263-5 (Fre)

DIAGNOSIS

New uses of fluorescence in the surgical management of necrotizing soft tissue infection. Bongard FS, et al. **Am J Surg** 1985 Aug;150(2):281-3

Clinical and serologic expression of localized scleroderma. Case report and review of the literature. Piette WW, et al. **J Am Acad Dermatol** 1985 Aug;13(2 Pt 2):342-50

Diffuse fasciitis with hypergammaglobulinemia and eosinophilia: a new syndrome? Shulman LE. **J Rheumatol** 1984 Oct;11(5):569-70

Eosinophilic fasciitis in an African—possible benefit of chloroquine treatment. Allen SC. **Postgrad Med J** 1984 Oct;60(708):685-6

[Eosinophilic fasciitis. A review and a characteristic case report] Skov BG. **Ugeskr Laeger** 1985 May 20;147(21):1671-6 (Eng. Abstr.) (Dan)

[A severe skin or soft tissue defect is not always gas gangrene] Roos J, et al. **Ned Tijdschr Geneeskd** 1985 Apr 13;129(15):673-5 (Dut)

[Eosinophilic fasciitis. 1. Clinical study] Hamm G, et al. **Dermatol Monatsschr** 1984;170(12):753-7 (Eng. Abstr.) (Ger)

[Necrotizing fasciitis] Casal E, et al. **Schweiz Rundsch Med Prax** 1985 Jun 25;74(26):705-6 (Eng. Abstr.) (Ger)

[Case of eosinophilic fasciitis] Shul'tsev GP, et al. **Klin Med (Mosk)** 1984 Sep;62(9):125 (Rus)

DRUG THERAPY

[Long-term development of eosinophilic fasciitis. Study of 11 cases] Herson S, et al. **Ann Med Interne (Paris)** 1984;135(8):611-4 (Eng. Abstr.) (Fre)

[Eosinophilic fasciitis: case reports and review] Tomosugi N, et al. **Nippon Naika Gakkai Zasshi** 1984 Dec;73(12):1823-30 (Jpn)

ETIOLOGY

Necrotizing fasciitis. Majeski JA. **Am Fam Physician** 1984 Oct;30(4):221-3

Eosinophilic fasciitis: a distinct entity? [letter] Yarom A, et al. **Am J Dis Child** 1985 Jan;139(1):8-9

Toxic oil syndrome, scleroderma, and eosinophilic fasciitis [letter] Posada de la Paz M, et al. **Arthritis Rheum** 1984 Oct;27(10):1200

Necrotising fasciitis caused by Vibrio vulnificus. Woo ML, et al. **J Clin Pathol** 1984 Nov;37(11):1301-4

Necrotizing fasciitis in contused areas. Svensson LG, et al. **J Trauma** 1985 Mar;25(3):260-2

Necrotizing fasciitis as a lethal complication of peritonsillar abscess. Wenig BL, et al. **Laryngoscope** 1984 Dec;94(12 Pt 1):1576-9

Necrotizing fasciitis of the abdominal wall as a complication of chickenpox. Kyong CU, et al. **Pediatr Infect Dis** 1985 Jul-Aug;4(4):420-1

[Necrotizing fasciitis following abdominal hysterectomy] Mazor M, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(4):487-90 (Eng. Abstr.) (Fre)

[Nodular fasciitis in sport shooting] Döhler JR, et al. **Z Orthop** 1985 Jan-Feb;123(1):76-8 (Eng. Abstr.) (Ger)

MICROBIOLOGY

Necrotizing fasciitis in infancy: report of three cases and review of the literature. Goldberg GN, et al. **Pediatr Dermatol** 1984 Jul;2(1):55-63

Necrotizing fasciitis caused by Salmonella enteritidis. Sanchez C, et al. **Scand J Infect Dis** 1984;16(3):321-2

PATHOLOGY

Nodular fasciitis initially diagnosed by aspiration cytology. Azúa J, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):562-5

Diffuse fasciitis with eosinophilia associated with morphea and lichen sclerosus et atrophicus. Mensing H, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):80-3

Cranial fasciitis of childhood. Ringsted J, et al. **Acta Neuropathol (Berl)** 1985;66(4):337-9

Eosinophilic fasciitis in a two-year-old child. Silverman ED, et al. **Arthritis Rheum** 1985 Aug;28(8):948-51

Sclerotic fasciitis. A clinical and pathologic analysis of 21 cases. Yuan X, et al. **Chin Med J [Engl]** 1984 Jul;97(7):515-25

Eosinophilic fasciitis: a mast cell disorder? Gabrielli A, et al. **Clin Exp Rheumatol** 1983 Jan-Mar;1(1):75-80

Diffuse (eosinophilic) fasciitis. A series of six cases. De Jonge-Bok JM, et al. **Clin Rheumatol** 1984 Sep;3(3):365-73

Diffuse fasciitis. Steven MM, et al. **Clin Rheumatol** 1984 Sep;3(3):282-4

Ultrastructural aspects of nailfold capillaries in a case of eosinophilic fasciitis. Cinti S, et al. **Scand J Rheumatol** 1984;13(4):357-62

[Cranial fasciitis in children. Apropos of a case in a neonate with duramateral involvement] Pasquier B, et al. **Ann Pathol** 1984 Dec;4(5):371-5 (Eng. Abstr.) (Fre)

[Eosinophilic fasciitis. 2. Clinical study] Hamm G, et al. **Dermatol Monatsschr** 1984;170(12):758-64 (Eng. Abstr.) (Ger)

[Fasciitis eosinophilica—transition to an unusual scleroderma (scleroderma-fasciitis)] Jablonska S, et al. **Z Hautkr** 1984 Jun 1;59(11):711-21 (Eng. Abstr.) (Ger)

RADIONUCLIDE IMAGING

Plantar fascitis—early blood pool images in diagnosis of inflammatory process. Vasavada PJ, et al. **Foot Ankle** 1984 Sep-Oct;5(2):74-6

SURGERY

Necrotizing fasciitis: early awareness and principles of treatment. Barzilai A, et al. **Isr J Med Sci** 1985 Feb;21(2):127-32

[Necrotizing fasciitis] Kolesov AP, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):105-10 (Eng. Abstr.) (Rus)

THERAPY

Necrotizing fasciitis [letter] Millington JT. **Am Fam Physician** 1985 Mar;31(3):26, 30

Treatment of necrotizing soft tissue infections. The need for a new approach. Freischlag JA, et al. **Am J Surg** 1985 Jun;149(6):751-5

Necrotizing fasciitis. Sehgal VN, et al. **J Dermatol (Tokyo)** 1984 Apr;11(2):187-9

Role of soft orthosis in treating plantar fasciitis. Suggestion from the field. Goulet MJ. **Phys Ther** 1984 Oct;64(10):1544

FASCIOLA

ANALYSIS

Studies on the energy reserve of Fasciola gigantica from Nigerian Zebu cattle. Ezigbo JC, et al. **Beitr Trop Landwirtsch Veterinarmed** 1985;23(2):217-22

PATHOGENICITY

Infectivity and pathogenicity of Fasciola gigantica in West African dwarf sheep and goats. Ogunrinade AF. **Trop Anim Health Prod** 1984 Aug;16(3):161-6

FASCIOLA HEPATICA

Isolation of Fasciola hepatica metacercariae by density gradients. Fry TR, et al. **Vet Parasitol** 1985 Jan;17(2):123-9

ANALYSIS

Identification of surface proteins of juvenile stages of Fasciola hepatica. Lammas DA, et al. **Res Vet Sci** 1985 Mar;38(2):248-9

ANATOMY & HISTOLOGY

[Micromorphology of the nervous system in the trematodes Fasciola hepatica and Dicrocoelium lanceatum] Shipkova LN. **Parazitologiia** 1984 Nov-Dec;18(6):440-4 (Eng. Abstr.) (Rus)

DRUG EFFECTS

Comparative efficacy of clorsulon and albendazole against Fasciola hepatica in cattle. Kilgore RL, et al. **Am J Vet Res** 1985 Jul;46(7):1553-5

Long-term effects of dinoseb and paraquat, both individually and combined, on embryonic development and hatching success of Fasciola hepatica miracidia. Christian FA, et al. **Arch Environ Contam Toxicol** 1985 Mar;14(2):149-52

Fasciola hepatica: motility response to metabolic inhibitors in vitro. Holmes SD, et al. **Exp Parasitol** 1985 Jun;59(3):275-89

Fasciola hepatica: the effects of neuropharmacological agents upon in vitro motility. Holmes SD, et al. **Exp Parasitol** 1984 Oct;58(2):194-208

How anthelmintics help us to understand helminths. Vanden Bossche H. **Parasitology** 1985 Apr;90 (Pt 4):675-85

The ability of diamphenethide to control immature Fasciola hepatica in sheep at a lower than standard dose level. Rowlands DT, et al. **Vet Rec** 1985 Feb 16;116(7):182-4

An in vitro screen for new fasciolicidal agents. Ibarra OF, et al. **Z Parasitenkd** 1984;70(5):655-61

[Effect of phoschlor, carbatox and copper sulfate on the invasive capacity of Fasciola hepatica L. larvae] Bielecki A. **Wiad Parazytol** 1985;31(1):3-25 (Eng. Abstr.) (Pol)

ENZYMOLOGY

Forskolin activation of serotonin-stimulated adenylate cyclase in the liver fluke Fasciola hepatica. McNall SJ, et al. **Biochem Pharmacol** 1985 May 15;34(10):1683-8

GROWTH & DEVELOPMENT

The non-specificity of the generalized amoebocytic reaction in Lymnaea truncatula infected by Fasciola hepatica. Rondelaud D, et al. **J Parasitol** 1984 Dec;70(6):1002-3

IMMUNOLOGY

A Schistosoma mansoni surface glycoprotein cross-reactive with a T1 antigen of Fasciola hepatica. Aronstein WS, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):889-97

Identification and characterization of a major Schistosoma mansoni glycoprotein antigen cross-reactive with Fasciola hepatica. Aronstein WS, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):879-88

The serum antibody response of infected rats, rabbits, lambs and calves to Fasciola hepatica adult antigen fractions separated by preparative flatbed iso-electrofocusing. Wassall DA, et al. **Parasite Immunol** 1985 Jul;7(4):359-66

Human fascioliasis in Cajamarca/Peru. II. Humoral antibody response and antigenaemia. Knobloch J. **Trop Med Parasitol** 1985 Jun;36(2):91-3

Worm recovery, haemagglutinating antibodies and IgE-levels after immunisation against Fasciola hepatica in rats. Pfister K, et al. **Vet Parasitol** 1985 Jan;17(2):139-50

METABOLISM

31P-NMR studies of metabolite compartmentation in Fasciola hepatica. Matthews PM, et al. **Biochim Biophys Acta** 1985 May 30;845(2):178-88

Effects of diamfenetide on metabolic and excretory functions of Fasciola hepatica in vitro. Rew RS, et al. **Comp Biochem Physiol [C]** 1984;79(2):353-5

Fasciola hepatica: collagen deposition and other histopathology in the rat host's bile duct caused by the parasite and by proline infusion. Modavi S, et al. **Exp Parasitol** 1984 Dec;58(3):239-44

The energy metabolism of Fasciola hepatica during its development in the final host. Tielens AG, et al. **Mol Biochem Parasitol** 1984 Nov;13(3):301-7

PATHOGENICITY

Experimental infection of Lymnaea glabra and L. truncatula by Fasciola hepatica. Bouix-Busson D, et al. **J Parasitol** 1984 Oct;70(5):847-8

PHYSIOLOGY

Early migration of immature Fasciola hepatica and associated liver pathology in cattle. Doy TG, et al. **Res Vet Sci** 1984 Sep;37(2):219-22

Suppression of Babesia microti infection in mice concurrently infected with Fasciola hepatica. Fagbemi BO, et al. **Vet Parasitol** 1985 Jan;17(2):101-10

The impact of repeated doses of anthelmintic on the intensity of infection and age structure of Fasciola hepatica populations in sheep. Smith G. **Vet Parasitol** 1984 Oct;16(1-2):107-15

ULTRASTRUCTURE

Fasciola hepatica: interaction of the tegument with poly-L-lysine and enzymes. Threadgold LT. **Exp Parasitol** 1985 Apr;59(2):222-30

FASCIOLIASIS

[Fasciola hepatica. Review and current status of the disease] Campo JM, et al. **Rev Clin Esp** 1984 May 31;173(4):191-7 (121 ref.) (Spa)

COMPLICATIONS

Hemobilia and liver flukes in a patient from Thailand. Wong RK, et al. **Gastroenterology** 1985 Jun;88(6):1958-63

Eosinophilia due to multiple parasitic infection. Bhattacharyya DN. **J Infect** 1985 Mar;10(2):172-3

Suppression of Babesia microti infection in mice concurrently infected with Fasciola hepatica. Fagbemi BO, et al. **Vet Parasitol** 1985 Jan;17(2):101-10

[Fascioliasis and strongyloidiasis] Ayensa Dean C, et al. **Rev Clin Esp** 1984 Oct 15;175(1):53-5 (Spa)

DIAGNOSIS

Laparoscopic findings in eight cases of liver fascioliasis. Uribarrena R, et al. **Endoscopy** 1985 Jul;17(4):137-8

Human fascioliasis (distomatosis) [letter] Crokaert F, et al. **J Infect** 1984 Jul;9(1):101-2

Human fascioliasis in Cajamarca/Peru. I. Diagnostic methods and treatment with praziquantel. Knobloch J, et al. **Trop Med Parasitol** 1985 Jun;36(2):88-90

[Ultrasound aspect of fascioliasis of the biliary tract] Bonniaud P, et al. **J Radiol** 1984 Aug-Sep;65(8-9):589-91 (Eng. Abstr.) (Fre)

[Serological diagnosis of Fasciola hepatica distomatosis. Study of 7 cases] García-Rodríguez JA, et al. **Med Clin (Barc)** 1985 Jun 29;85(5):179-82 (Eng. Abstr.) (Spa)

[Fascioliasis hepatica. Review of 5 cases] Antón Aranda E, et al. **Rev Clin Esp** 1985 May;176(8):410-3 (Eng. Abstr.) (Spa)

[Fasciola hepatica. Presentation of 10 cases] Campo JM, et al. **Rev Clin Esp** 1984 May 31;173(4):205-10 (Eng. Abstr.) (Spa)

[Parasitosis in the bile ducts: Fasciola hepatica] Juárez F, et al. **Rev Invest Clin** 1985 Apr-Jun;37(2):139-45 (Eng. Abstr.) (Spa)

DRUG THERAPY

Potentiation of fasciolicidal agents by benzoyl side chains. Synthesis of benzoylsalicylanilides. Brown GR, et al. **J Med Chem** 1985 Jan;28(1):143-6

Extracts of the ivy plant, Hedera helix, and their anthelminthic activity on liver flukes. Julien J, et al. **Planta Med** 1985 Jun;(3):205-8

Decrease in hepatic microsomal UDP-glucuronosyl-transferase activity in rats and cattle with fascioliasis: impaired in vitro glucuronidation of oxyclozanide. Maffei Facino R, et al. **Toxicol Lett** 1985 Jul;26(1):65–71

[Four kinds of parasites in an 8-year-old boy. Therapeutic effects of praziquantel against Fasciola hepatica] Wahn V, et al. **Dtsch Med Wochenschr** 1984 Sep 28;109(39):1486–8 (Eng. Abstr.) (Ger)

[Rafanoxide therapy in a child with fascioliasis] Yurdakök M. **Mikrobiyol Bul** 1985 Jan;19(1):38–40 (Eng. Abstr.) (Tur)

IMMUNOLOGY

The serum antibody response of infected rats, rabbits, lambs and calves to Fasciola hepatica adult antigen fractions separated by preparative flatbed iso-electrofocusing. Wassall DA, et al. **Parasite Immunol** 1985 Jul;7(4):359–66

Human fascioliasis in Cajamarca/Peru. II. Humoral antibody response and antigenaemia. Knobloch J. **Trop Med Parasitol** 1985 Jun;36(2):91–3

The effect of pre-exposure to Fasciola hepatica or Schistosoma mansoni on challenge infection with Fasciola hepatica. el-Azazy OM, et al. **Vet Parasitol** 1985 Jan;17(2):173–6

Worm recovery, haemagglutinating antibodies and IgE-levels after immunisation against Fasciola hepatica in rats. Pfister K, et al. **Vet Parasitol** 1985 Jan;17(2):139–50

METABOLISM

Fasciola hepatica: collagen deposition and other histopathology in the rat host's bile duct caused by the parasite and by proline infusion. Modavi S, et al. **Exp Parasitol** 1984 Dec;58(3):239–44

How anthelmintics help us to understand helminths. Vanden Bosche H. **Parasitology** 1985 Apr;90 (Pt 4):675–85

[Morphological and histochemical changes in the hepatopancreas of Galba truncatula Müll. and Limnea tomentosa Pfeiffer as affected by Fasciola hepatica sporocysts] Humiczewska M, et al. **Wiad Parazytol** 1984; 30(3):291–300 (Eng. Abstr.) (Pol)

PREVENTION & CONTROL

Efficacy and safety of clorsulon used concurrently with ivermectin for control of Fasciola hepatica in Florida beef cattle. Courtney CH, et al. **Am J Vet Res** 1985 Jun; 46(6):1245–6

RADIOGRAPHY

Percutaneous cholangiography in the diagnosis of hepatic fascioliasis. Condomines J, et al. **Am J Gastroenterol** 1985 May;80(5):384–6

[Fascioliasis hepatis—computed tomographic aspect] Goebel N, et al. **Digitale Bilddiagn** 1984 Dec;4(4):181–4 (Eng. Abstr.) (Ger)

[Computerized tomography in fascioliasis hepatica (letter)] Miguel F, et al. **Med Clin (Barc)** 1984 Dec 15;83(20):869 (Spa)

RADIONUCLIDE IMAGING

Radionuclide imaging of the liver in human fascioliasis. Rivera JV, et al. **Clin Nucl Med** 1984 Aug;9(8):450–3

VETERINARY

Comparative efficacy of clorsulon and albendazole against Fasciola hepatica in cattle. Kilgore RL, et al. **Am J Vet Res** 1985 Jul;46(7):1553–5

Diagnosis of Fasciola hepatica infection in beef calves by plasma enzyme analysis. Wyckoff JH 3d, et al. **Am J Vet Res** 1985 May;46(5):1015–9

Efficacy of oral clorsulon in the treatment of Fasciola hepatica infections in calves. Yazwinski TA, et al. **Am J Vet Res** 1985 Jan;46(1):163–4

Diagnosis of ovine fascioliasis by a dot enzyme-linked immunosorbent assay: a rapid microdiagnostic technique. Zimmerman GL, et al. **Am J Vet Res** 1985 Jul;46(7):1513–5

The occurrence of the snail Lymnaea columella on grazing areas in New South Wales and studies on its susceptibility to Fasciola hepatica. Boray JC, et al. **Aust Vet J** 1985 Jan; 62(1):4–6

Concomitant hepatic Fasciola and hydatid infections in animals. el-Refaie SA, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):421–7

Immunodiagnosis of bovine fascioliasis by enzyme-linked immunosorbent assay and immunoprecipitation methods. Hillyer GV, et al. **J Parasitol** 1985 Aug;71(4):449–54

Serum gamma glutamyl transpeptidase activity in cattle with induced fascioliasis. Bulgin MS, et al. **Res Vet Sci** 1984 Sep;37(2):167–71

Experimental cholecystitis in goats caused by mature Fasciola gigantica. Cheema AH, et al. **Res Vet Sci** 1985 May; 38(3):292–5

Early migration of immature Fasciola hepatica and associated liver pathology in cattle. Doy TG, et al. **Res Vet Sci** 1984 Sep;37(2):219–22

Distribution of 5'-nucleotidase in the tissues of sheep and the effect of kidney and liver lesions on the activity of the enzyme in plasma and urine. Ford EJ, et al. **Res Vet Sci** 1985 Jul;39(1):103–9

Bovine fascioliasis in Nigeria. VI. Parasitological characteristics of field infections. Ogunrinade AF. **Rev Elev Med Vet Pays Trop** 1984;37(3):299–303

Precipitin antibodies in natural fascioliasis. Tanya VN, et al. **Rev Elev Med Vet Pays Trop** 1984;37(1):26–9

Infectivity and pathogenicity of Fasciola gigantica in West African dwarf sheep and goats. Ogunrinade AF. **Trop Anim Health Prod** 1984 Aug;16(3):161–6

Production effects of the liver fluke Fasciola hepatica on weaner cattle in Papua New Guinea. Owen IL. **Trop Anim Health Prod** 1984 Aug;16(3):158–60

The effect of sex on seasonal variation in single and double infection of cattle in Sierra Leone by Dicrocoelium hospes and Fasciola gigantica. Asanji MF, et al. **Vet Parasitol** 1984 Sep;15(3–4):247–55

Productivity in sheep treated with diamphenethide at different times after infection with Fasciola hepatica. Hawkins CD. **Vet Parasitol** 1984 Aug;15(2):117–23

The use of haemoglobin, packed-cell volume and serum sorbitol dehydrogenase as indicators of the development of fascioliasis in sheep. Hawkins CD. **Vet Parasitol** 1984 Aug;15(2):125–33

Analysis of anthelmintic trial protocols using sheep experimentally or naturally infected with Fasciola hepatica. Smith G. **Vet Parasitol** 1984 Oct;16(1–2):83–94

Chemotherapy of ovine fascioliasis: use of an analytical model to assess the impact of a series of discrete doses of anthelmintic on the prevalence and intensity of infection. Smith G. **Vet Parasitol** 1984 Oct;16(1–2):95–106

The impact of repeated doses of anthelmintic on the intensity of infection and age structure of Fasciola hepatica populations in sheep. Smith G. **Vet Parasitol** 1984 Oct; 16(1–2):107–15

The ability of diamphenethide to control immature Fasciola hepatica in sheep at a lower than standard dose level. Rowlands DT, et al. **Vet Rec** 1985 Feb 16;116(7):182–4

[Fasinex (triclabendazole)—a new fasciolicide] Eckert J, et al. **Berl Munch Tierarztl Wochenschr** 1984 Oct 1; 97(10):349–56 (Eng. Abstr.) (Ger)

[Evaluation of quantitative coproscopic methods in fascioliasis and Paramphistomatidae infection] Adamkiewicz-Depczyk M. **Wiad Parazytol** 1984; 30(5–6):637–41 (Eng. Abstr.) (Pol)

[Anatomopathological study of the liver in horses with fascioliasis] Luengo J, et al. **Bol Chil Parasitol** 1984 Jul–Dec;39(3–4):43–6 (Eng. Abstr.) (Spa)

[Measurement of aspartate aminotransferase, gamma-glutamyltransferase, total protein and serum albumin in equine fascioliasis] Montes GA, et al. **Zentralbl Veterinarmed [B]** 1984 Jun;31(5):338–42 (Spa)

FASCIOLIDAE

PATHOGENICITY

The susceptibility of mammals to Fasciolopsis buski. Malviya HC. **J Helminthol** 1985 Mar;59(1):19–22

PHYSIOLOGY

In vitro excystment of metacercariae of Fascioloides magna (Trematoda). Fried B, et al. **J Parasitol** 1985 Apr; 71(2):263–4

ULTRASTRUCTURE

[Scanning electron microscopy of Fasciolopsis buski expelled from patients treated with pyquiton] Feng LX. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):153 (Chi)

FASCIOLOIDES see FASCIOLIDAE

FASCIOLOIDIASIS

DRUG THERAPY

The efficacy of closantel against Fascioloides magna in sheep. Stromberg BE, et al. **J Parasitol** 1984 Jun;70(3):446–7

PHYSIOPATHOLOGY

Pathophysiologic effects of experimentally induced Fascioloides magna infection in sheep. Stromberg BE, et al. **Am J Vet Res** 1985 Aug;46(8):1637–41

FASCIOLOPSIASIS see TREMATODE INFECTIONS

FASCIOLOPSIS see FASCIOLIDAE

FAST ELECTRONS see ELECTRONS

FAST NEUTRONS see under NEUTRONS

FASTING

see related
HUNGER
STARVATION

Improved metabolic control after supplemented fasting in overweight type II diabetic patients. Vessby B, et al. **Acta Med Scand** 1984;216(1):67–74

The effect of exercise and fasting on the myocardial protein and lipid metabolism in experimental bacterial myocarditis. Ilbäck NG, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Jul; 92(4):195–204

The effects of feeding and fasting on self-stimulation. Angyán L. **Acta Physiol Hung** 1984;63(3–4):185–95

Hydrogen gas excretion after sucrose gavage in the fasted rat. Griffin GC, et al. **Am J Clin Nutr** 1984 Oct;40(4):758–62

Energy depot replenishment in rats during refeeding after fasting: effect of exercise. Presta E, et al. **Am J Clin Nutr** 1984 Nov;40(5):1011–6

Attenuation of postexercise ketosis in fasted endurance-trained rats. Beattie MA, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):R63–7

Mitochondrial thermogenin content is unchanged during atrophy of BAT of fasting mice. Desautels M. **Am J Physiol** 1985 Jul;249(1 Pt 1):E99–106

Sleep changes in long-term fasting geese in relation to lipid and protein metabolism. Dewasmes G, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R663–71

Variability of lower esophageal sphincter pressure in the fasted unanesthetized opossum. Holloway RH, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G398–406

Fasting and diabetes alter adipose tissue glycogen synthase. Kaslow HR, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E581–4

Metabolic effects of oral fructose in the liver of fasted rats. Niewoehner CB, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):E505–12

Role of plasma epinephrine in fasted exercising rats. Winder WW, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):R302–7

Metabolic responses to fasting and alloxan-induced diabetes mellitus in steers. Smith SB, et al. **Am J Vet Res** 1984 Sep; 45(9):1829–34

Migraine: a diagnostic test for etiology of food sensitivity by a nutritionally supported fast and confirmed by long-term report. Hughes EC, et al. **Ann Allergy** 1985 Jul; 55(1):28–32

Metabolic balance of the ovine fetus during the fed and fasted states. Lemons JA, et al. **Ann Nutr Metab** 1984;28(5):268–80

Whole-body protein breakdown and 3-methylhistidine excretion during brief fasting, starvation, and intravenous repletion in man. Lowry SF, et al. **Ann Surg** 1985 Jul; 202(1):21–7

Gastrointestinal myoelectric activity in fasting and nonfasting canine models of ileus. Brolin RE, et al. **Arch Surg** 1985 Apr;120(4):417–23

Alterations of cell membrane composition during prolonged fasting in lizards. Gillett MP, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):219–25

Effects of starvation and different culture conditions on the phospholipid content of isolated pancreatic islets. Hallberg A. **Biochim Biophys Acta** 1984 Dec 6;796(3):328–35

Effects of fasting compared to low phosphorus diet on the kinetics of phosphate transport by renal brush-border membranes. Kempson SA. **Biochim Biophys Acta** 1985 Apr 26;815(1):85–90

Inflammation-induced increases in dolichol synthesis and hydroxymethylglutaryl-coenzyme A reductase activity in mouse liver are prevented by a high-cholesterol diet but not by fasting. Potter JE. **Biochim Biophys Acta** 1984 Dec 6;796(3):393–6

Food and fasting intake of sustained release theophylline preparations. Pedersen S. **Br J Clin Pract [Symp Suppl]** 1984;35:37–9

The effect of fasting on 5-hydroxytryptamine metabolism in brain regions of the albino rat. Fuenmayor LD, et al. **Br J Pharmacol** 1984 Oct;83(2):357–62

Cytochrome oxidase activity in the hypothalamus of SHR and normotensive rats before and after fasting. Krukoff TL, et al. **Brain Res** 1984 Nov 19;322(1):75–82

Fasting plasma amino acid levels in cancer patients. Norton JA, et al. **Cancer** 1985 Sep 1;56(5):1181–6

Effects of prolonged maternal fast on the pancreas of 18–21-day-old foetal rats. Ultrastructural and morphometric study of the beta cells. Perrier-Barta H. **Cell Tissue Res** 1984;237(1):169–79

Reference values of blood components related to fuel metabolism in children after an overnight fast. Lamers KJ, et al. **Clin Chim Acta** 1985 Jan 15;145(1):17–26

Effect of starvation and diabetes on glucose transport in the lung. Das DK, et al. **Clin Physiol Biochem** 1984;2(5):239–48

Ethanol administration fails to produce hypoglycemia in fasted chickens (Gallus domesticus). Armstrong MK, et al. **Comp Biochem Physiol [A]** 1985;80(3):419–23

Comparison of glycogen store in two strains of rat and guinea-pig under fed and fasted conditions. Fréminet A, et al. **Comp Biochem Physiol [A]** 1984;79(1):53–9

The effect of prolonged fasting on total lipid synthesis and enzyme activities in the liver of the European eel (Anguilla anguilla). Abraham S, et al. **Comp Biochem Physiol [B]** 1984;79(2):285–9

The influence of fasting on chicken liver metabolites, enzymes and mitochondrial respiration. Bobyleva-Guarriero V, et al. **Comp Biochem Physiol [B]** 1984;78(3):627–32

Comparison of glycogen stores in 3- and 7-month-old lean and obese Zucker rats under fed and fasted conditions. Koubi H, et al. **Comp Biochem Physiol [B]** 1985; 81(1):103–10

Effects of fasting on mucus glycoprotein in rat stomach. Ohara S, et al. **Comp Biochem Physiol [B]** 1984;79(3):325–9

Pyruvate kinase activity in isolated rat hepatocytes during a feeding cycle and during fasting. Azzout B, et al. **Diabete Metab** 1984 Sep;10(3):165–70

Comparison of fasting, nasogastric suction and cimetidine in the treatment of acute pancreatitis. Navarro S, et al. **Digestion** 1984;30(4):224–30

Triiodothyronine production by the perfused rat kidney is reduced by diabetes mellitus but not by fasting. Ferguson DC, et al. **Endocrinology** 1985 Jul;117(1):64–70

Diurnal variations of plasma growth hormone, thyrotropin, thyroxine, and triiodothyronine in streptozotocin–diabetic and food–restricted rats. Ortiz–Caro J, et al. **Endocrinology** 1984 Dec;115(6):2227–32

Fasting induces the generation of serum thyronine–binding globulin in Zucker rats. Young RA, et al. **Endocrinology** 1985 Apr;116(4):1248–52

Effects of potassium supplementation on insulin binding and insulin action in human obesity: protein–modified fast and refeeding. Norbiato G, et al. **Eur J Clin Invest** 1984 Dec;14(6):414–9

Influence of fasting on lipolytic response to adrenergic agonists and on adrenergic receptors in subcutaneous adipocytes. Ostman J, et al. **Eur J Clin Invest** 1984 Oct;14(5):383–91

Dopamine–beta–hydroxylase activity in adrenal gland and spleen of rats after fasting and cold exposure. García–Estañ J, et al. **Experientia** 1985 Jan 15;41(1):61–2

Effect of fasting on skeletal muscle triglyceride content. Jaromowska M, et al. **Experientia** 1985 Mar 15;41(3):357–8

Serum concentrations of ursodeoxycholic acid in portal venous and systemic venous blood of fasting humans as determined by isotope dilution–mass spectrometry. Ewerth S, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):126–33

Sustained fasting achlorhydria: a comparison of medical regimens. Peterson WL, et al. **Gastroenterology** 1985 Mar;88(3):666–9

Effects of fasting, pancreatectomy, and hypophysectomy in the yellow eel, Anguilla rostrata. Lewis TL, et al. **Gen Comp Endocrinol** 1984 Aug;55(2):182–94

Influence of fasting and refeeding high forage and all–concentrate diets on beef heifers. Bond J, et al. **Growth** 1984 Autumn;48(3):354–69

Gall bladder sludge formation during prolonged fasting after gastrointestinal tract surgery. Bolondi L, et al. **Gut** 1985 Jul;26(7):734–8

Blood glucose lowering effect of verapamil in fasted man. Andersson DE, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:160–3

Glucose phosphorylating activities in the islets of Langerhans of the rat. Effect of fasting. Bedoya FJ, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:11–5

Metabolic and hormonal response to short term fasting after endurance training in the rat. Guezennec CY, et al. **Horm Metab Res** 1984 Nov;16(11):572–5

Enzyme activities of hepatic glucose utilization in the fed and fasting genetically obese mouse at 4–5 months of age. Hron WT, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:32–6

Effect of beta–adrenergic blockade on lipid mobilization induced by fasting in dogs. Kozlowski S, et al. **Horm Metab Res** 1985 Jan;17(1):8–11

The erythrocyte insulin receptor response to either feeding or a short fast. McElduff A, et al. **Horm Metab Res** 1984 Jun;16(6):275–8

Nuclear thyroxine receptors and cellular metabolism of thyroxine in obese subjects before and after fasting. Kvetny J. **Horm Res** 1985;21(1):60–5

Metabolic responses during modified fasting and refeeding. The role of sympathetic nervous system activity and thyroid hormones. Koppeschaar HP, et al. **Hum Nutr Clin Nutr** 1985 Jan;39(1):17–28

Effects of four–day fast on triglyceride mobilization in human adipocytes. Andrews J, et al. **Int J Obes** 1984;8(4):355–63

Insulin secretion in human obesity: effects of prolonged fasting and refeeding. Bolinder J, et al. **Int J Obes** 1984;8(6):623–7

Bovine muscle glycogen as affected by fasting and refeeding. Crouse JD, et al. **J Anim Sci** 1984 Aug;59(2):384–7

The effects of fasting on the acute oral toxicity of nine chemicals in the rat. Dashiell OL, et al. **J Appl Toxicol** 1984 Dec;4(6):320–5

A specific decrease in collagen synthesis in acutely fasted, vitamin C–supplemented, guinea pigs. Spanheimer RG, et al. **J Biol Chem** 1985 Apr 10;260(7):3955–62

Hormonal responses to short term fasting in postmenopausal women. Beitins IZ, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1120–6

Effect of fasting on insulin receptor binding and insulin action in different human subcutaneous fat depots. Engfeldt P, et al. **J Clin Endocrinol Metab** 1985 May;60(5):868–73

Effect of carbohydrate supplementation on reproductive hormones during fasting in men. Kyung NH, et al. **J Clin Endocrinol Metab** 1985 May;60(5):827–35

Influence of a 60–hour fast on insulin–mediated splanchnic and peripheral glucose metabolism in humans. Björkman O, et al. **J Clin Invest** 1985 Jul;76(1):87–92

Relationships between insulin secretion, insulin action, and fasting plasma glucose concentration in nondiabetic and noninsulin–dependent diabetic subjects. Bogardus C, et al. **J Clin Invest** 1984 Oct;74(4):1238–46

Plasma and liver metabolites and glucose kinetics as affected by prolonged ketonemia–glucosuria and fasting in steers. Lyle RR, et al. **J Dairy Sci** 1984 Oct;67(10):2274–82

Fasting impairs LH secretion in female rats by activating an inhibitory opioid pathway. Dyer RG, et al. **J Endocrinol** 1985 Apr;105(1):91–7

Lung surfactant phospholipids as related to hydration and choline status of fasted rats. Bruno JV, et al. **J Nutr** 1985 Jan;115(1):85–92

Effect of fasting on circadian rhythmicity in deoxyribonucleic acid synthesis of several murine tissues. Scheving LE, et al. **J Nutr** 1984 Nov;114(11):2160–6

Response of the pancreas to fasting: adult versus neonates. Lee PC. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S127–36

The effect of fasting on the potential difference across the brush–border membrane of enterocytes in rat small intestine. Debnam ES, et al. **J Physiol (Lond)** 1984 Oct;355:449–56

Influences of fasting and water intake on plasma refill during hemorrhagic shock. Chadwick CD, et al. **J Trauma** 1985 Jul;25(7):608–14

Plasma fibronectin response to sepsis: mobilization or synthesis? Velky TS, et al. **J Trauma** 1984 Sep;24(9):824–9

Beneficial effects of fasting and low carbohydrate diet in D–lactic acidosis associated with short–bowel syndrome. Ramakrishnan T, et al. **JPEN J Parenter Enteral Nutr** 1985 May–Jun;9(3):361–3

Altered distribution and toxicity of digitoxigenin in fasted mice. Warwick RO, et al. **Life Sci** 1985 Aug 26;37(8):775–82

Corneal sulfate incorporation during fasting in rats. Mosier MA, et al. **Metab Ophthalmol** 1984–85;8(1):7–11

Supplemental essential amino acids augment the somatomedin–C/insulin–like growth factor I response to refeeding after fasting. Clemmons DR, et al. **Metabolism** 1985 Apr;34(4):391–5

Serum branched chain amino and keto acid response to fasting in humans. Schauder P, et al. **Metabolism** 1985 Jan;34(1):58–61

The effectiveness of carefully monitored modified fast as adjuvant therapy for exogenous obesity in active duty personnel. Carlson DE, et al. **Milit Med** 1984 Dec;149(12):669–71

Abnormal hyperphosphatemic response to fasting in X–linked hypophosphatemic mice. Mühlbauer RC, et al. **Miner Electrolyte Metab** 1984;10(6):362–5

Demonstration of heterogeneity in gestational diabetes by a 400–kcal breakfast meal tolerance test. Cheney C, et al. **Obstet Gynecol** 1985 Jan;65(1):17–23

Splanchnic uptake and release of energy substrates in the fasting baboon infant. Levitsky LL, et al. **Pediatr Res** 1984 Dec;18(12):1316–20

Insulin infusion during a nocturnal fast suppresses the subsequent day–time intake. Larue–Achagiotis C, et al. **Physiol Behav** 1984 Nov;33(5):719–22

Effects of thyroid hormones on the hippocampal glial cells of fasting rats. Oliveira MC, et al. **Physiol Behav** 1985 May;34(5):671–5

Circadian rhythm of ketone bodies in the blood of fasting rats. Ahlersová E, et al. **Physiol Bohemoslov** 1985;34(2):177–81

Effect of fasting on the metabolism of cytidine nucleotides in the liver of intact and alpha–hexachlorocyclohexane–treated rats. Seifert J, et al. **Physiol Bohemoslov** 1984;33(5):403–10

Increased plasma triglycerides, cholesterol and apolipoprotein E during prolonged fasting in normal subjects. Markel A, et al. **Postgrad Med J** 1985 May;61(715):395–400

Nitrogen balance studies during modified fasting. Wechsler JG, et al. **Postgrad Med J** 1984;60 Suppl 3:66–73

Liver lipid content in broilers as affected by time without feed or feed and water. Jensen LS, et al. **Poult Sci** 1984 Dec;63(12):2404–7

The effect of food restriction during rearing on fasting heat production of layer strain pullets and hens. Johnson RJ, et al. **Poult Sci** 1984 Dec;63(12):2384–90

Effects of fasting and/or oxidizing and reducing agents on absorption of neptunium from the gastrointestinal tract of mice and adult or neonatal rats. Sullivan MF, et al. **Radiat Res** 1984 Dec;100(3):519–26

Cimetidine fails to suppress the rise in plasma secretin during fasting. Bell PM, et al. **Regul Pept** 1985 Mar;10(2–3):127–31

Prostaglandin formation and platelet aggregation during fasting and linoleic acid intake. Adam O, et al. **Res Exp Med (Berl)** 1985;185(2):169–72

Short term fasting and lactovegetarian diet does not affect human saliva. Birkhed D, et al. **Scand J Dent Res** 1984 Oct;92(5):408–11

Effects of thyroid hormone evaluated by cardiac systolic time interval in fasting subjects. Huang HS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Nov;83(11):1087–93

Changes in lipoprotein metabolism during a supplemented fast and an ensuing vegetarian diet period. Lithell H, et al. **Ups J Med Sci** 1985;90(1):73–83

Effect of long–term fasting of obese patients on pancreatic exocrine function, gastrointestinal hormones and bicarbonate concentration in plasma. Fölsch UR, et al. **Z Gastroenterol** 1984 Jul;22(7):357–64

Mammary involution and fasting effect on the fine structure of the mammary gland of the pregnant Myotis myotis. Jimenez L, et al. **Z Mikrosk Anat Forsch** 1984;98(6):893–908

[The efect of ionizing radiation and fasting on the excretion of o–iodobenzoic acid 125I and its conjugates in the urine of rats protected by radioprotective agents] Benešová–Pulpánová J, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(3):201–15 (Eng. Abstr.) (Cze)

[Renal regulation of the excretion of urea in fasting camels] Leng L, et al. **Vet Med (Praha)** 1984 Sep;29(9):539–47 (Eng. Abstr.) (Cze)

[Glucose tolerance and insulin response in dogs with spontaneous diabetes, obesity and following prolonged fasting] Mattheeuws D, et al. **Verh K Acad Geneeskd Belg** 1984;46(6):441–62 (Eng. Abstr.) (Dut)

[Nutritional status of the rat in refeeding following massive mobilization of DDT by fasting] Carrera G, et al. **Ann Nutr Metab** 1985;29(1):56–62 (Eng. Abstr.) (Fre)

[Metabolic study of the initial period of fasting in the king penguin chick] Cherel Y, et al. **C R Acad Sci [III]** 1985;300(14):541–4 (Eng. Abstr.) (Fre)

[Colonic myoelectric activity during fasting and postprandial periods in healthy subjects and colonopathic patients] Dapoigny M, et al. **Gastroenterol Clin Biol** 1985 Mar;9(3):223–7 (Eng. Abstr.) (Fre)

[Relation between HDL cholesterol and fasting glycemia in a normal population and a diabetic group] Martin BC, et al. **Schweiz Med Wochenschr** 1984 Dec 8;114(49):1834–6 (Eng. Abstr.) (Fre)

[Effects of the duration of fasting and of refeeding on pancreatic hormones and plasma metabolites in the duck] Brahim MB, et al. **Tunis Med** 1984 Jul–Aug;62(4):307–13 (Eng. Abstr.) (Fre)

[Study of plasma bile acids in fasting state and following a test meal, using gas chromatography] Mebazaa A, et al. **Tunis Med** 1984 Jan–Feb;62(1):55–60 (Eng. Abstr.) (Fre)

[Effect of the intravenous infusion of butyrate, isobutyrate and isovalerate on the blood serum levels of glucose, insulin, free fatty acids and total alpha–amino–N in sheep under conditions of adequate feeding and after an 8–day fast] Müller I, et al. **Arch Exp Veterinarmed** 1985 Jan;39(1):10–24 (Eng. Abstr.) (Ger)

[Why take fasting blood samples for laboratory diagnosis? Behavior of various laboratory parameters in postprandial blood samples] Bloedner CD. **Fortschr Med** 1984 Nov 29;102(44):1123–7 (Eng. Abstr.) (Ger)

[On the dilemma of hunger strike, force feeding and medical responsibility] Förster H. **Fortschr Med** 1985 Mar 28;103(12):73–5 (Ger)

[Serum dopamine beta–hydroxylase activity in obesity and during a two–week fasting period] Halmy L, et al. **Orv Hetil** 1985 Mar 17;126(11):627–33 (Eng. Abstr.) (Hun)

[Changes in the number of Ec cells in the small intestine and the serotonin level in the blood plasma of fasting rats] Solomatina TM, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):162–4 (Eng. Abstr.) (Rus)

[Effect of antigenic stimulation and fasting on liver lysosomes in rats] Tutel'ian VA, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):292–4 (Eng. Abstr.) (Rus)

[Changes in blood pressure and heart contraction frequency in healthy persons during a 3–week incomplete fast in the summer months] Tsyganov EP, et al. **Fiziol Cheloveka** 1984 May–Jun;10(3):476–8 (Rus)

[Functional changes in the hypothalamic nuclei and limbic system structures during fasting and satiety in small ruminants] Bazanova NU, et al. **Fiziol Zh SSSR** 1985 Apr;71(4):413–7 (Eng. Abstr.) (Rus)

[Subcellular localization of glycogen–UDP–glucosyltransferase in the hepatocytes of intact and fasting rats] Lebkova NP. **Tsitologiia** 1985 Feb;27(2):157–62 (Eng. Abstr.) (Rus)

[Changes in the activity of trout lysosomal enzymes during fasting] Krupnova MIu, et al. **Ukr Biokhim Zh** 1985 May–Jun;57(3):62–5 (Eng. Abstr.) (Rus)

[Additive nature of the stimulating effects of alloxan diabetes and fasting on the specific binding of insulin with its receptors in the plasma membranes of adipose and hepatic cells in the rat] Bezdrobnyĭ IuV, et al. **Vopr Med Khim** 1985 Mar–Apr;31(2):46–51 (Eng. Abstr.) (Rus)

[Effect of complete fasting on the coagulative and antioxidative properties of blood] Muliar LA, et al. **Vopr Pitan** 1984 Jul–Aug;(4):20–3 (Eng. Abstr.) (Rus)

[The effect of starvation and nutritional lipemia on the level of cholesterol esters in the blood of dogs and on certain lipoprotein fractions] Corbić M, et al. **Srp Arh Celok Lek** 1984 Apr;112(4):459–67 (Eng. Abstr.) (Scr)

[Renal excretion of urea in the Merino and Steppe fat–tailed breeds of sheep after a short period of fasting] Szanyiová M, et al. **Vet Med (Praha)** 1985 Feb;30(2):83–90 (Eng. Abstr.) (Slo)

[Blood glucose and insulin levels of the newborn infant: effect of fasting and glucose infusion prior to elective cesarean section] Sánchez R, et al. **Rev Chil Obstet Ginecol** 1983;48(6):419–25 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

Very–low–calorie diets and electrocardiographic changes [letter] Narasimhan N, et al. **Ann Intern Med** 1985 May;102(5):716

Decrease in collagen synthesis due to fasting. **Nutr Rev** 1985 Jun;43(6):190–2

PSYCHOLOGY

Psychotherapy as an adjunct to supervised fasting for obesity.

Fawzy FI, et al. **Psychosomatics** 1984 Nov;25(11):821-9

FAT BODY see under **ADIPOSE TISSUE**

FAT EMULSIONS, INTRAVENOUS

Effect of syringe-pump position on infusion of fat emulsion with a primary solution. Morgan DE, et al. **Am J Hosp Pharm** 1985 May;42(5):1110-1

Broviac catheter-related Malassezia furfur sepsis in five infants receiving intravenous fat emulsions. Powell DA, et al. **J Pediatr** 1984 Dec;105(6):987-90

The use of lipid emulsion as an intravesical medium to disperse light in the potential treatment of bladder tumors. Baghdassarian R, et al. **J Urol** 1985 Jan;133(1):126-30

Clinical application of the new HPLC method for fatty acid analysis. (2) Effects of a fat emulsion on fatty acid compositions in postoperative period with special reference to C18:1-isomer. Sato T, et al. **Nippon Geka Hokan** 1984 Mar 1;53(2):395-414

Nutrition classics. Nutritio et Dieta, Volume 8, 1966: Experimental and clinical studies with fat emulsion for intravenous nutrition. By D. Hallberg, O. Schuberth and A. Wretlind. **Nutr Rev** 1985 Jan;43(1):26-8

[Development and clinical use of fat emulsions] Zong JP. **Chung Hua Wai Ko Tsa Chih** 1985 Feb;23(2):119-23 (20 ref.) (Chi)

[Parenteral nutrition for newborn infants; fat emulsions. Work Group Parenteral Nutrition of the Perinatology Section] **Tijdschr Kindergeneeskd** 1985 Apr;53(2):70-2 (Dut)

[Adhesivity and chemotaxis of leukocytes during infusion of Intralipid] Prati U, et al. **Chir Ital** 1982 Jun;34(3):426-31 (Eng. Abstr.) (Ita)

[A new intravenous liposoluble contrast material for computed tomography of the liver. Experimental study of iodized emulsion in rabbits] Hori S, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jul 25; 44(7):988-91 (Eng. Abstr.) (Jpn)

ADMINISTRATION & DOSAGE

Hepatic transport of bile salt and bile composition following total parenteral nutrition with and without lipid emulsion in the rat. Innis SM. **Am J Clin Nutr** 1985 Jun;41(6):1283-8

Intralipid and haemodialysis [letter] Soni N, et al. **Anaesth Intensive Care** 1984 Nov;12(4):378

Increased in vitro and in vivo generation of procoagulant activity (tissue factor) by mononuclear phagocytes after intralipid infusion in rabbits. Montemurro P, et al. **Blood** 1985 Jun;65(6):1391-5

Comparison of intraluminal and intravenous mediators of colonic response to eating. Levinson S, et al. **Dig Dis Sci** 1985 Jan;30(1):33-9

Effect of ileal infusion of intralipid on gastrointestinal transit, ileal flow rate, and carbohydrate absorption in humans after ingestion of a liquid meal. Holgate AM, et al. **Gastroenterology** 1985 Apr;88(4):1005-11

The intravenous intralipid tolerance test. Fraser I, et al. **J Leukocyte Biol** 1984 Nov;36(5):647-9

The metabolism of an exogenous lipid source during septic shock in the puppy. Coran AG, et al. **JPEN** 1984 Nov-Dec; 8(6):652-6

Use of 20% fat emulsion in peripheral parenteral nutrition. Kehoe JE, et al. **JPEN** 1984 Nov-Dec;8(6):647-51

Quantification of lipoprotein X and its relationship to plasma lipid profile during different types of parenteral nutrition. Rigaud D, et al. **JPEN** 1984 Sep-Oct;8(5):529-34

The effect of 15-hour fat infusions of varying dosage on bilirubin binding to albumin. Spear ML, et al. **JPEN** 1985 Mar-Apr;9(2):144-7

Effect of the dietary fatty acid component on the release of 14C-taurocholate, 14C-bilirubin, alkaline phosphatase, and aspartate transaminase by isolated rat liver cells. Anderson FH, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul-Aug;9(4):477-9

Lipid clearing in premature infants during continuous heparin infusion: role of circulating lipases. Zaidan H, et al. **Pediatr Res** 1985 Jan;19(1):23-5

The efficacy of a 20 per cent fat emulsion as a peripherally administered substrate. Gazzaniga AB, et al. **Surg Gynecol Obstet** 1985 May;160(5):387-92

[Endogenous nitrogen losses in rats fed by intravenous and enteral routes] Poriadkov LF, et al. **Vopr Pitan** 1984 Jul-Aug;(4):33-6 (Eng. Abstr.) (Rus)

[Various indicators of the state of the body during intravenous feeding with different mixtures] Poriadkov LF, et al. **Vopr Pitan** 1984 Nov-Dec;(6):38-42 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

Anaphylactoid reaction to Diazemuls [letter] Brøgger Nielsen F. **Br J Anaesth** 1984 Oct;56(10):1179

Systemic Malassezia furfur infections in patients receiving intralipid therapy. Redline RW, et al. **Hum Pathol** 1985 Aug;16(8):815-22

Multifocal osteonecrosis in adolescents with Crohn's disease: a complication of therapy? Shapiro SC, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):502-6

Fat overload syndrome causing respiratory insufficiency. Wesson DE, et al. **J Pediatr Surg** 1984 Dec;19(6):777-8

Priapism associated with the use of intravenous fat emulsion: case reports and postulated pathogenesis. Klein EA, et al. **J Urol** 1985 May;133(5):857-9

Fat emulsions and hypertriglyceridemia. Adamkin DH, et al. **JPEN** 1984 Sep-Oct;8(5):563-7 (41 ref.)

Sinus bradycardia associated with peripheral lipids and total parenteral nutrition. Traub SL, et al. **JPEN J Parenter Enteral Nutr** 1985 May-Jun;9(3):358-60

Pulmonary fat accumulation after parenteral fat emulsion—real or artifactual? **Nutr Rev** 1985 Jan;43(1):15-7 (3 ref.)

Lipid-laden macrophages in tracheal aspirates of newborn infants receiving intravenous lipid infusions: a cytologic study. Recalde AL, et al. **Pediatr Pathol** 1984;2(1):25-34

ANALYSIS

The Limulus Amoebocyte Lysate (LAL) assay for the detection of endotoxin in fat emulsions for total parenteral nutrition (TPN). Paulssen J, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Jun; 92(3):177-9

BLOOD

Lack of effect of exogenous or endogenous gastric inhibitory polypeptide on the elimination rate of Intralipid in man. Jorde R, et al. **Acta Med Scand** 1984;216(1):19-23

Comparison of the elimination of 10 and 20% TRAVAMULSION lipid emulsion from the blood of beagle dogs. Cotter R, et al. **Am J Clin Nutr** 1985 May; 41(5):994-1001

Agglutinate formation in serum samples mixed with intravenous fat emulsions. Lindh A, et al. **Crit Care Med** 1985 Mar;13(3):151-4

[Analytical interference of lipid parenteral feeding with the determination of methemoglobin levels by an autoanalyzer] Rouillon JD, et al. **Pathol Biol (Paris)** 1985 Jan;33(1):57-60 (Eng. Abstr.) (Fre)

DIAGNOSTIC USE

Relationship between lipoproteins including HDL subfractions and the intravenous fat tolerance test. Rössner S, et al. **Atherosclerosis** 1984 Sep;52(3):287-94

Experimental data on the problem of specific hepatosplenography with radiodense lipomicrons. Schumacher KA, et al. **Eur J Radiol** 1985 Aug;5(3):167-74

METABOLISM

Plasma activities of lipoprotein lipase, hepatic lipase and lecithin: cholesterol acyltransferase in patients considered for parenteral nutrition with fat emulsion. Heller F, et al. **Am J Clin Nutr** 1985 Apr;41(4):748-52

Metabolic and respiratory effects of continuous and discontinuous lipid infusions. Occurrence in excess of resting energy expenditure. Abbott WC, et al. **Arch Surg** 1984 Dec;119(12):1367-71

Metabolism of protein-free lipid emulsion models of chylomicrons in rats. Redgrave TG, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):104-12

Plasma catecholamine and free fatty acid levels during infusion of lipid emulsion in critically ill patients. Lindholm M, et al. **Crit Care Med** 1984 Nov;12(11):953-6

Thermogenesis induced by nutrient administration in man. Jéquier E. **Infusionsther Klin Ernahr** 1984 Aug;11(4):184-8

Elimination of lipofundin S during the intravenous fat tolerance test in patients with low, medium, and high fasting triglyceride concentrations. Leonhardt W, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul-Aug;9(4):461-3

[Fat utilization in newborn infants with and without heparin administration. Comparative study with the 13C-triolein breath test] Paust H, et al. **Infusionsther Klin Ernahr** 1985 Apr;12(2):85-7 (Eng. Abstr.) (Ger)

[Nutritional support in surgery: with special reference to fat emulsion and carnitine] Yamakawa M, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):961-4 (Eng. Abstr.) (Jpn)

PHARMACODYNAMICS

Role of cholecystokinin in pancreatic exocrine response to intraluminal amino acids and fat. Stubbs RS, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G347-52

Plasma cholecystokinin response to a liquid fat meal in vagotomized patients. Hopman WP, et al. **Ann Surg** 1984 Dec;200(6):693-7

Core modification of human low-density lipoprotein by artificial triacylglycerol emulsion. Granot E, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):308-15

Effect of Intralipid on hemoglobin measurements [letter] Cane RD, et al. **Crit Care Med** 1985 Jun;13(6):514-5

Effect of Intralipid on measurements of total hemoglobin and oxyhemoglobin in whole blood. Sehgal LR, et al. **Crit Care Med** 1984 Oct;12(10):907-9

Parenteral soya bean fat emulsions potentiate the hepatotoxicity of E. coli endotoxin in suckling rats. Heinonen KM, et al. **Experientia** 1984 Dec 15; 40(12):1439-40

Release of vasoactive intestinal peptide by intraduodenal infusion of HCl or fat and intramuscular injection of neostigmine in man. Shinomura Y, et al. **Hepatogastroenterology** 1985 Jun;32(3):129-32

Total parenteral nutrition with the '3-litre bag': effect of fat emulsion on amino acid kinetics and nitrogen balance in patients with intestinal fistulae. O'Keefe SJ, et al. **Hum Nutr Clin Nutr** 1984 Sep;38(5):375-82

Effect of l-carnitine on lipid pattern in debilitated patients treated with Intralipid. Pola P, et al. **Int J Clin Pharmacol Res** 1983;3(3):179-84

Fat infusion and blood coagulation in patients undergoing surgery for esophageal cancer. Motton G, et al. **Ital J Surg Sci** 1984;14(4):271-4

Influence of intravenous fat therapy on tracheal effluent phospholipids and oxygenation in severe respiratory distress syndrome. Adamkin DH, et al. **J Pediatr** 1985 Jan; 106(1):122-4

Intralipid infusion in neonates: effects on polymorphonuclear leukocyte function. Wheeler JG, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):453-6

Comparison of intravenous glucose and fat calories on host and tumor growth. Hak LJ, et al. **JPEN** 1984 Nov-Dec; 8(6):657-9

Human plasma lipoproteins and total parenteral nutrition with intravenous fat emulsion. Judd RH, et al. **JPEN** 1984 Sep-Oct;8(5):552-5

Immune function during intravenous administration of a soybean oil emulsion. Ota DM, et al. **JPEN** 1985 Jan-Feb; 9(1):23-7

Assessment of lipid peroxidation in newborn infants and rabbits by measurements of expired ethane and pentane: influence of parenteral lipid infusion. Wispe JR, et al. **Pediatr Res** 1985 Apr;19(4):374-9

THERAPEUTIC USE

Tolerance of intravenously administered lipid in newborns. de Leeuw R, et al. **Acta Paediatr Scand** 1985 Jan;74(1):52-6

Lipid emulsions in the newborn infant. Spear ML. **Del Med J** 1984 Nov;56(11):655-7

Effect of intravenous fat emulsion on natural killer cellular function and antibody-dependent cell cytotoxicity. Almond DJ, et al. **Hum Nutr Clin Nutr** 1985 May; 39(3):227-32

A controlled study on the use of intravenous fat in patients suffering from acute attacks of pancreatitis. Dürr GH, et al. **Infusionsther Klin Ernahr** 1985 Jun;12(3):128-33

Normal macrophage function in infants receiving Intralipid by low-dose intermittent administration. Strunk RC, et al. **J Pediatr** 1985 Apr,106(4):640-5

Comparison of the clinical and biochemical effect of increased alpha-linolenic acid in a safflower oil intravenous fat emulsion. McClead RE Jr, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):234-9

Administration of fat emulsions with nutritional mixtures from the 3-liter delivery system in total parenteral nutrition. Grimble GK, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul-Aug;9(4):456-60

Intravenous lipid emulsions in the treatment of essential fatty acid deficiency: studies in young pigs. Andersen DW, et al. **Pediatr Res** 1984 Dec;18(12):1350-5

[Treatment of lung cancer with brain metastasis using an intravenous drip of a 10% emulsion of Brucea javanica seminal oil] Su SY. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):86-8, 66-7 (Eng. Abstr.) (Chi)

[Comparison of dextrose-TPN and dextrose-lipid-TPN in surgical patients] Wu ZG, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Feb;23(2):65-8, 125 (Eng. Abstr.) (Chi)

[Postoperative adjuvant chemotherapy with N1-(2-tetrahydrofuryl)-5-fluorouracil (FT-207) for gastric cancer patients. Influence of fat emulsification on lymphatic transport] Hanaue H, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Aug 20;19(7):1515-20 (Eng. Abstr.) (Jpn)

TOXICITY

The acute effects of intralipid on lung function. Ali J, et al. **J Surg Res** 1985 Jun;38(6):599-605

FAT NECROSIS see under **NECROSIS**

FATHER-CHILD RELATIONS

The transmission of racial attitudes from fathers to sons: a study of blacks and whites. Carlson JM, et al. **Adolescence** 1985 Spring;20(77):233-7

Father's influence on his daughter's marijuana use viewed in a mother and peer context. Brook JS, et al. **Adv Alcohol Subst Abuse** 1985 Spring-Summer; 4(3-4):165-90

Alcoholic fathering and its relation to child's intellectual development: a pilot investigation. Ervin CS, et al. **Alcoholism (NY)** 1984 Jul-Aug;8(4):362-5

Therapeutic perspectives on father-daughter incest. Swanson L, et al. **Am J Psychiatry** 1985 Jun;142(6):[illegible]7-74 (60 ref.)

Social networks and social support of primigravida mothers and fathers. Cronenwett LR. **Birth Defects** 1984; 20(5):167-203

Marital adjustment and fatherhood. Robson B, et al. **Can J Psychiatry** 1985 Apr;30(3):169-72

The relation between maternal employment status and the stability of attachments to mother and to father. Owen MT, et al. **Child Dev** 1984 Oct;55(5):1894-901

Fathers' birth attendance, early contact, and extended contact with their newborns: a critical review. Palkovitz R. **Child Dev** 1985 Apr;56(2):392-406 (48 ref.)

Human newborns' perception of male voices: preference, discrimination, and reinforcing value. DeCasper AJ, et al. **Dev Psychobiol** 1984 Sep;17(5):481–91

Structural complexity and the quality of stepfather–stepchild relationships. Clingempeel WG, et al. **Fam Process** 1984 Dec;23(4):547–60

Father–daughter incest. Eisnitz AJ. **Int J Psychoanal Psychother** 1984–85;10:495–503

The Rorschach 'Father' and 'Mother' cards: an evaluation of the research. Liaboe GP, et al. **J Pers Assess** 1985 Feb; 49(1):2–5

Father–daughter incest. Issues in treatment and research. de Chesnay M. **J Psychosoc Nurs Ment Health Serv** 1984 Sep; 22(9):8–11, 15–6

Fathering and the separation–individuation process. Lincoln LM. **Matern Child Nurs J** 1984 Summer;13(2):103–12

[Attitudes suppressed by culture and the individual and their reflection in the language of schizophrenics] Wróbel J. **Psychiatr Pol** 1984 May–Jun;18(3):241–6 (Eng. Abstr.) (Pol)

FATHERS

Neuroblastoma and paternal occupation. A case–control analysis. Spitz MR, et al. **Am J Epidemiol** 1985 Jun; 121(6):924–9

Paternal effects on the human sex ratio at birth: evidence from interracial crosses. Khoury MJ, et al. **Am J Hum Genet** 1984 Sep;36(5):1103–11

A study of 10 men charged with patricide. Cravens JM, et al. **Am J Psychiatry** 1985 Sep;142(9):1089–92

Two comments on fetal loss and wastewater workers [letter] **Am J Public Health** 1985 Jan;75(1):98–9

Cancer risk in adulthood from early life exposure to parents' smoking. Sandler DP, et al. **Am J Public Health** 1985 May; 75(5):487–92

The relevance of child-support enforcement to school–age parents. Rivera–Casale C, et al. **Child Welfare** 1984 Nov–Dec;63(6):521–32

Prenatal perception of infant personality: a preliminary investigation. Zeanah CH, et al. **J Am Acad Child Psychiatry** 1985 Mar;24(2):204–10

Congenital anomalies and paternal occupational exposure to shortwave, microwave, infrared, and acoustic radiation. Logue JN, et al. **J Occup Med** 1985 Jun;27(6):451–2

Stimulus augmenting and field dependence in children of alcoholic fathers. Hennecke L. **J Stud Alcohol** 1984 Nov; 45(6):486–92

Vietnam veterans risk for fathering children with birth defects [letter] Sterling TD, et al. **JAMA** 1985 Aug 2; 254(5):609–10

Changes in the number of dental school applicants who are children of dentists. Waldman HB. **NY J Dent** 1985 Mar; 55(3):116

The CDC study of Vietnam veterans' risks of fathering infants with birth defects [editorial] Brandt EN Jr. **Public Health Rep** 1984 Nov–Dec;99(6):529–30

Teratogenesis and mutagenesis associated with the exposure of human males to lead: a review. Uzych L. **Yale J Biol Med** 1985 Jan–Feb;58(1):9–17

[Family childbirth—the husband in the delivery room. Psychosocial and medical experience with family childbirth] Marton I, et al. **Orv Hetil** 1985 Jun 9; 126(23):1419–21 (Eng. Abstr.) (Hun)

[Cesarean section in the father's presence] Svensen R, et al. **Tidsskr Nor Laegeforen** 1985 Feb 28;105(6):413–6 (Eng. Abstr.) (Nor)

PSYCHOLOGY

The psychological impact of false positive elevations of maternal serum alpha–fetoprotein. Burton BK, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):77–82

Fathers absent and present. Adams PL. **Can J Psychiatry** 1984 Apr;29(3):228–33

Fathers in the newer family forms: male or female? Agbayewa MO. **Can J Psychiatry** 1984 Aug;29(5):402–6

Neglected fathers: limitations in diagnostic and treatment resources for violent men. Martin JA. **Child Abuse Negl** 1984;8(4):387–92

Men and women as parents: sex role orientations, employment, and parental roles with infants. McHale SM, et al. **Child Dev** 1984 Aug;55(4):1349–61

Selected psychosocial characteristics of black unwed adolescent fathers. Williams–McCoy JE, et al. **J Adolesc Health Care** 1985 Jan;6(1):12–6

Expectant father's stress—due to the mother's expectations? Fishbein EG. **JOGN Nurs** 1984 Sep–Oct;13(5):325–8

Authoritarian paternal attitude inter–generational transmission. Peretti PO, et al. **Panminerva Med** 1984 Jul–Sep;26(3):205–8

A study of low socioeconomic status, black teenage fathers and their nonfather peers. Rivara FP, et al. **Pediatrics** 1985 Apr;75(4):648–56

[The presence of the father in the delivery room (letter)] Schoeffler P, et al. **Presse Med** 1984 Nov 10;13(40):2454–5 (Fre)

FATIGUE

[The process of occurrence and recovery of psychological and physiological fatigue by sleep deprivation for fifty hours in man] Sakamoto K, et al. **Ann Physiol Anthropol** 1984 Jan;3(1):19–29 (Eng. Abstr.) (Jpn)

[An evaluation of the relationship between fatigue and intake of alcohols on the adult workers (I)—Analysis by inquiries and examinations] Akamatsu T, et al. **Arukoru Kenkyuto Yakubutsu Izon** 1984 Jun;19(2):107–17 (Eng. Abstr.) (Jpn)

[Workers' subjective feeling of fatigue and attitudes towards work—effects of age and job difference] Kumashiro M, et al. **Sangyo Ika Daigaku Zasshi** 1984 Sep 1;6(3):273–81 (Eng. Abstr.) (Jpn)

BLOOD

Variations in iron status with fatigue modelled from training in female distance runners. Banister EW, et al. **Eur J Appl Physiol** 1985;54(1):16–23

CHEMICALLY INDUCED

Beta blockers and fatigue. Hall PE, et al. **J Clin Hosp Pharm** 1984 Dec;9(4):283–91 (52 ref.)

[Sequelae of anesthesia in routine operations] Booij LH. **Ned Tijdschr Geneeskd** 1984 Dec 29;128(52):2452–5 (Dut)

CLASSIFICATION

[Classification of electrocardiographic changes during muscular activity in healthy humans] Zav'ialov AI. **Fiziol Cheloveka** 1985 Mar–Apr;11(2):201–7 (Rus)

COMPLICATIONS

An interesting case presenting with malaise and sacral lesions. Warren A, et al. **Ann Allergy** 1985 May;54(5):416–9

The effect of conditions underfoot on falling and overexertion accidents. Strandberg L. **Ergonomics** 1985 Jan; 28(1):131–47

DIAGNOSIS

Lassitude [editorial] Havard CW. **Br Med J [Clin Res]** 1985 Apr 20;290(6476):1161–2

Evaluation of fatigue in a family practice. Sugarman JR, et al. **J Fam Pract** 1984 Nov;19(5):643–7

Effects of consecutive night–shift work on health conditions among car–cleaners of super–express trains. Ueno M, et al. **Sangyo Igaku** 1984 Nov;26(6):483–91

[Characteristics of fatigue tests by a long–term observation] Nomiyama K, et al. **Nippon Eiseigaku Zasshi** 1984 Dec; 39(5):831–40 (Eng. Abstr.) (Jpn)

[Is an integral evaluation of fatigue possible?] Rozenblat VV. **Gig Sanit** 1984 Jul;(7):58–9 (Rus)

[Electropuncture diagnosis in the study of the functional state of pilots] Bodrov VA, et al. **Voen Med Zh** 1985 Feb; (2):48–50 (Rus)

[Active oculography as a method of diagnosing the psychophysiologic condition of a man] Volkov VG, et al. **Zh Vyssh Nerv Deiat** 1984 Nov–Dec;34(6):1022–30 (Eng. Abstr.) (Rus)

DRUG THERAPY

[The clinical evaluation of hochuekkito for symptoms of malignant neoplasm patients] Kuroda M, et al. **Hinyokika Kiyo** 1985 Jan;31(1):173–7 (Eng. Abstr.) (Jpn)

ETIOLOGY

Food restriction increases torpor and improves brown adipose tissue thermogenesis in ob/ob mice. Himms–Hagen J. **Am J Physiol** 1985 May;248(5 Pt 1):E531–9

Epstein–Barr virus infection and persistent fatigue [letter] Hollister LE. **Ann Intern Med** 1985 Apr;102(4):563

Persisting illness and fatigue in adults with evidence of Epstein–Barr virus infection. Straus SE, et al. **Ann Intern Med** 1985 Jan;102(1):7–16

Malaise and fatigue. Ellis J. **Br J Hosp Med** 1984 Dec; 32(6):312–4

Influence of pre- and intra- operative factors on the occurrence of postoperative fatigue. Christensen T, et al. **Br J Surg** 1985 Jan;72(1):63–5

Loss of form in young athletes due to viral infection. Roberts JA. **Br Med J [Clin Res]** 1985 Feb 2;290(6465):357–8

Extreme fatigue and malaise—a syndrome caused by badly cleaned wall–to–wall carpets? Nexø E, et al. **Ecol Dis** 1983; 2(4):415–8

Fatigue of unknown aetiology—a review. Valdini AF. **Fam Pract** 1985 Mar;2(1):48–53

The postviral fatigue syndrome—an analysis of the findings in 50 cases. Behan PO, et al. **J Infect** 1985 May;10(3):211–22

Epstein–Barr virus and persistent malaise [letter] **Lancet** 1985 Jul 13;2(8446):105–6

Circadian rhythmicity and fatigue in flight operations. Graeber RC, et al. **Sangyo Ika Daigaku Zasshi** 1985 Mar 1;7 Suppl:122–30

[Fatigue, muscle weakness] Stimpel M, et al. **Schweiz Rundsch Med Prax** 1985 Apr 9;74(15):384–7 (Eng. Abstr.) (Ger)

[Effect of heat stress on the work capacity of operators] Romanov VV. **Gig Tr Prof Zabol** 1984 Nov;(11):16–9 (Eng. Abstr.) (Rus)

METABOLISM

Changes in the glutathione status of plasma, liver and muscle following exhaustive exercise in rats. Lew H, et al. **FEBS Lett** 1985 Jun 17;185(2):262–6

Dietary effects on liver and muscle glycogen repletion in exhaustively exercised rats: energy composition and type of complex carbohydrates. Suzuki M, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Oct;30(5):453–66

PHYSIOPATHOLOGY

Fatigue of voluntary contractions in normal and myasthenic human subjects. Secher NH, et al. **Acta Physiol Scand** 1984 Nov;122(3):243–8

A study of fatigue during repetitive static work performed in two different segmental positions. Kahn JF, et al. **Eur J Applied Physiol** 1984;53(2):169–74

Fatiguability and oxidative capacity of forelimb and hind limb muscles of dystrophic mice. Parry DJ, et al. **Exp Neurol** 1985 Feb;87(2):358–68

The contribution of neuroscience to exercise studies. Enoka RM, et al. **Fed Proc** 1985 Apr;44(7):2279–85 (49 ref.)

Electrophysiological studies in the post–viral fatigue syndrome. Jamal GA, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):691–4

Muscular exercise and fatigue. Gibson H, et al. **Sports Med** 1985 Mar–Apr;2(2):120–32

[Fatigue of the respiratory muscles] Aubier M. **Presse Med** 1984 Sep 29;13(33):2009–12 (Eng. Abstr.) (Fre)

[An experimental study on the duration of a single spell of work on VDT (visual display terminal) performance] Misawa T, et al. **Sangyo Igaku** 1984 Jul;26(4):296–302 (Eng. Abstr.) (Jpn)

[Information content of physiological indices in evaluating experimental fatigue under test loads] Klapchuk VV. **Fiziol Cheloveka** 1984 May–Jun;10(3):488–91 (Rus)

[External respiratory function and acid–base equilibrium during fatigue] Krasnikov NP, et al. **Fiziol Cheloveka** 1985 Mar–Apr;11(2):266–71 (Rus)

[Changes in muscle work capacity and electrical activity during the development and compensation of fatigue under stressed muscle work] Monogarov VD. **Fiziol Cheloveka** 1984 Mar–Apr;10(2):299–309 (Rus)

[Ratio of objective and subjective indices in assessing the human functional status under manufacturing conditions] Petukhov BN, et al. **Fiziol Cheloveka** 1984 Jan–Feb; 10(1):72–80 (Rus)

[Electrophysiological indices of systemic brain activity based on the mobilization of functional reserves in muscle fatigue] Sologub EB, et al. **Fiziol Cheloveka** 1984 May–Jun; 10(3):375–84 (Rus)

[Dynamics of the infraslow omega potential and of the spatial synchronization of the EEG in muscle fatigue] Sologub EB, et al. **Fiziol Zh SSSR** 1984 Dec;70(12):1617–23 (Eng. Abstr.) (Rus)

[Structural variability of the functional system during activity and fatigue] Zimkin NV. **Fiziol Zh SSSR** 1984 Dec; 70(12):1593–9 (Eng. Abstr.) (Rus)

[Methods of monitoring psychological work capacity and emotional activity] Stavitskii KR, et al. **Gig Sanit** 1984 Nov; (11):48–9 (Rus)

[Functional status of the segmental apparatus of the human spinal cord during exposure to tiresome static loads of varying strength] Molkin IuV, et al. **Gig Tr Prof Zabol** 1984 Nov;(11):12–5 (Eng. Abstr.) (Rus)

[Use of a method for self-evaluation of a pilot's psychophysiological status in prolonged flight] Mel'nik SG, et al. **Voen Med Zh** 1985 Jun;(6):65–8 (Rus)

PREVENTION & CONTROL

How to survive a seminar. Paige N, et al. **Can Dent Assoc J** 1985 Mar;51(3):203–4

Effectiveness of carbohydrate feeding in delaying fatigue during prolonged exercise. Coyle EF, et al. **Sports Med** 1984 Nov–Dec;1(6):446–58 (49 ref.)

[Prevention of the cumulative manifestations of fatigue in sailors during prolonged cruises by means of electrosleep] Sten'ko IuM, et al. **Gig Tr Prof Zabol** 1985 May;(5):42–4 (Rus)

[Effect of electropuncture on the work capacity of naval specialists during long sea voyages] Kokhanov VP, et al. **Voen Med Zh** 1985 Apr;(4):69–70 (Rus)

[Increasing the work capacity of pilots by adjusting their psychophysiologic condition] Mel'nik SG, et al. **Voen Med Zh** 1984 Nov;(11):41–4 (Rus)

PSYCHOLOGY

Personality and self–motivation during biochemical fatigue. DeMeersman RE, et al. **J Human Stress** 1984 Fall; 10(3):146–50

[The generalist and fatigue] Luminet D. **Rev Med Liege** 1985 May 1;40(9):360–4 (Fre)

THERAPY

[Potentials for the rapid restoration of work capacity in operations specialists] Apanasenko GL, et al. **Voen Med Zh** 1984 Oct;(10):38–9 (Rus)

FATIGUE, MENTAL

[The process of occurrence and recovery of psychological and physiological fatigue by sleep deprivation for fifty hours in man] Sakamoto K, et al.

Ann Physiol Anthropol 1984 Jan;3(1):19–29 (Eng. Abstr.) (Jpn)

ETIOLOGY

[Effect of ship noise on the rate of free associations in sailors during long sea voyages] Volkov AA, et al. **Gig Sanit** 1985 Feb;(2):82–3 (Rus)

PHYSIOPATHOLOGY

[Effects of visual and mental strain on VDT (visual display terminal) performance] Kumashiro M, et al. **Sangyo Igaku** 1984 Mar;26(2):105–11 (Eng. Abstr.) (Jpn)

[Information content of physiological indices in evaluating experimental fatigue under test loads] Klapchuk VV. **Fiziol Cheloveka** 1984 May–Jun;10(3):488–91 (Rus)

[Evoked potentials and adaptive reactions to mental load under normal conditions and in cerebrovascular disorders] Klimova-Cherkasova VI, et al. **Fiziol Cheloveka** 1985 Mar–Apr;11(2):213–21 (Rus)

[Ratio of objective and subjective indices in assessing the human functional status under manufacturing conditions] Petukhov BN, et al. **Fiziol Cheloveka** 1984 Jan–Feb;10(1):72–80 (Rus)

FATS

Interaction of dietary fat with levels of vitamins A and E in broiler chicks. Abawi FG, et al. **Poult Sci** 1985 Jun;64(6):1192–8

[A request for authorization to use lecithin and mono- and diglycerides of dietary fatty acids as emulsifiers in candy products containing fatty substances and in candy products with moisture above 6%] Desgrez P. **Bull Acad Natl Med (Paris)** 1984 Dec;168(9):1077–8 (Fre)

[A rare case of the presence of a drop of fat in the anterior chamber] Denisova VI. **Oftalmol Zh** 1985;(1):61–2 (Rus)

ADMINISTRATION & DOSAGE

Similar plasma GIP responses in obese and lean subjects after an oral test meal and after intraduodenal stimulation with fat and glucose. Amland PF, et al. **Int J Obes** 1984;8(6):649–53

Total parenteral nutrition with and without fat as substrate for growth of rats and transplanted hepatocarcinoma. King WW, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul–Aug;9(4):422–7

ANALYSIS

Analysis of triglycerides in oils and fats by liquid chromatography with the laser light scattering detector. Stolyhwo A, et al. **Anal Chem** 1985 Jun;57(7):1342–54

Creamatocrit, carbon content, and energy value of pooled banked human milk: implications for feeding preterm infants. Smith L, et al. **Early Hum Dev** 1985 May;11(1):75–80

Additive migration from various plastics with different processing or properties into test fat HB 307. Figge K, et al. **Food Addit Contam** 1984 Oct–Dec;1(4):337–47

Recent advances in cleanup of fats by sweep co-distillation. Part 2. Organophosphorus residues. Luke BG, et al. **J Assoc Off Anal Chem** 1984 Sep–Oct;67(5):902–4

Pulsed proton NMR and solid-liquid fat ratio determinations in suppository vehicles and aminophylline suppositories. De Blaey CJ, et al. **Pharm Weekbl [Sci]** 1984 Oct 19;6(5):203–8

DIAGNOSTIC USE

Responses and molecular heterogeneity of IR-GIP after intraduodenal glucose and fat. Krarup T, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):E195–200

Gallbladder contraction: effects of fatty meals and cholecystokinin. Hopman WP, et al. **Radiology** 1985 Oct;157(1):37–9

ISOLATION & PURIFICATION

[Obtaining lipid concentrate from peloids] Matis EIa, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar–Apr;(2):63–5 (Rus)

METABOLISM

Isolation of proteins assembled in lipid body membranes during fat mobilization in cucumber cotyledons. Sturm A, et al. **Eur J Biochem** 1985 Aug 1;150(3):461–8

Changes in fat concentration of human milk during delivery by intermittent bolus and continuous mechanical pump infusion. Greer FR, et al. **J Pediatr** 1984 Nov;105(5):745–9

PHARMACODYNAMICS

Increase in neurotensin-like immunoreactivity in rat plasma after administration of calcium, bombesin and fat and its inhibition by somatostatin. Rökaeus A. **Acta Physiol Scand** 1984 Nov;122(3):261–7

Effects of fat admixture on the strengths of conventional and low-viscosity bone cements. Ferracane JL, et al. **J Orthop Res** 1984;1(4):450–3

FATS, UNSATURATED

ADMINISTRATION & DOSAGE

Effect of polyunsaturated isocaloric fat diets on plasma lipids, apolipoproteins and fatty acids. Blaton V, et al. **Atherosclerosis** 1984 Oct;53(1):9–20

Concentration and composition of serum lipoproteins during a low-fat diet at two levels of polyunsaturated fat. Kuusi T, et al. **J Lipid Res** 1985 Mar;26(3):360–7

Increased cholesteryl ester content in liver of mice fed lipid emulsion diets high in polyunsaturated fats. Burton AF, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul–Aug;9(4):480–2

PHARMACODYNAMICS

Effects of dietary polyunsaturated fats and vitamin E on aging and peroxidative damage to DNA. Summerfield FW, et al. **Arch Biochem Biophys** 1984 Sep;233(2):408–16

Dietary fats and blood pressure. Margetts BM, et al. **Aust NZ J Med** 1984 Aug;14(4):444–7

Effects of dietary saturated or polyunsaturated fat on hepatic glutathione S-transferase activity. Norred WP, et al. **Drug Nutr Interact** 1984;3(1):11–20

Dietary fat unsaturation enhances drug metabolism in cebus but not in squirrel monkeys. Meydani M, et al. **J Nutr** 1985 May;115(5):573–8

Enhancement of pancreatic carcinogenesis by a dietary unsaturated fat in rats treated with saline or N-nitroso(2-hydroxypropyl)(2-oxopropyl)amine. Longnecker DS, et al. **JNCI** 1985 Jan;74(1):219–22

Influence of polyunsaturated fats and fat restriction on serum lipoproteins in humans. Weisweiler P, et al. **Metabolism** 1985 Jan;34(1):83–7

FATTY ACID CYCLO-OXYGENASE see **PROSTAGLANDIN SYNTHASE**

FATTY ACID DESATURASES

ANALYSIS

Fluorometric assay of acyl-CoA dehydrogenases in normal and mutant human fibroblasts. Frerman FE, et al. **Biochem Med** 1985 Feb;33(1):38–44

Medium chain acyl-CoA dehydrogenase deficiency: apparent Km and Vmax values for fibroblast acyl-CoA dehydrogenase towards octanoyl CoA in patient and control cell lines. Gregersen N, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:105–6

[Immunological specificity and cytoplasmic location of delta 6-desaturase in microsomal membrane] Fujihara Y. **Hokkaido Igaku Zasshi** 1984 Jul;59(4):446–55 (Eng. Abstr.) (Jpn)

ANTAGONISTS & INHIBITORS

Studies with general acyl-CoA dehydrogenase from pig kidney. Inactivation by a novel type of 'suicide' inhibitor, 3,4-pentadienoyl-CoA. Wenz A, et al. **Eur J Biochem** 1985 Mar 15;147(3):553–60

The effects of trans fatty acids on fatty acyl delta 5 desaturation by human skin fibroblasts. Rosenthal MD, et al. **Lipids** 1984 Nov;19(11):869–74

BIOSYNTHESIS

Colchicine inhibition of insulin induction of stearoyl-CoA desaturase and fatty acid synthetase in cultured avian liver explants. Kasturi R, et al. **Arch Biochem Biophys** 1984 Sep;233(2):530–9

DEFICIENCY

Mitochondrial myopathies: defects in beta-oxidation. Turnbull DM, et al. **Biochem Soc Trans** 1985 Aug;13(4):645–7

Glutaric aciduria type II: treatment with riboflavine, carnitine and insulin. Mooy PD, et al. **Eur J Pediatr** 1984 Dec;143(2):92–5

Glutaric aciduria type II: biochemical investigation and treatment of a child diagnosed prenatally. Bennett MJ, et al. **J Inherited Metab Dis** 1984;7(2):57–61

A new patient with dicarboxylic aciduria suggestive of medium-chain Acyl-CoA dehydrogenase deficiency presenting as Reye's syndrome. Del Valle JA, et al. **J Inherited Metab Dis** 1984;7(2):62–4

Gas chromatography—mass spectrometry (GC—MS) diagnosis of two cases of medium chain acyl-CoA dehydrogenase deficiency. Divry P, et al. **J Inherited Metab Dis** 1984;7 Suppl 1:44–7

Fatty acyl-CoA dehydrogenase deficiency: enzyme measurement and studies on alternative metabolism. Gregersen N. **J Inherited Metab Dis** 1984;7 Suppl 1:28–32

Electron-transferring flavoprotein deficiency in the multiple acyl-CoA dehydrogenation disorders, glutaric aciduria type II and ethylmalonic—adipic aciduria. Rhead WJ, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:99–100

Octanoic acidemia and octanoylcarnitine excretion with dicarboxylic aciduria due to defective oxidation of medium-chain fatty acids. Duran M, et al. **J Pediatr** 1985 Sep;107(3):397–404

Short-chain acyl-CoA dehydrogenase deficiency associated with a lipid-storage myopathy and secondary carnitine deficiency. Turnbull DM, et al. **N Engl J Med** 1984 Nov 8;311(19):1232–6

Genetic deficiency of medium-chain acyl coenzyme A dehydrogenase: studies in cultured skin fibroblasts and peripheral mononuclear leukocytes. Coates PM, et al. **Pediatr Res** 1985 Jul;19(7):671–6

Long-chain acyl coenzyme A dehydrogenase deficiency: an inherited cause of nonketotic hypoglycemia. Hale DE, et al. **Pediatr Res** 1985 Jul;19(7):666–71

Diagnostic and therapeutic implications of medium-chain acylcarnitines in the medium-chain acyl-coA dehydrogenase deficiency. Roe CR, et al. **Pediatr Res** 1985 May;19(5):459–66

[Medium chain acyl-CoA dehydrogenase deficiency. Apropos of a case with demonstration of this enzyme deficiency] Collet JP, et al. **Pediatrie** 1984 Dec;39(8):661–8 (Eng. Abstr.) (Fre)

GENETICS

An unsaturated fatty acid mutant of Aspergillus niger with partially defective delta 9-desaturase. Chattopadhyay P, et al. **Can J Microbiol** 1985 Apr;31(4):346–51

Functional identification of the fatty acid reductase components encoded in the luminescence operon of Vibrio fischeri. Boylan M, et al. **J Bacteriol** 1985 Sep;163(3):1186–90

Medium-chain acyl-CoA dehydrogenase deficiency in two siblings with a Reye-like syndrome. Bougnères PF, et al. **J Pediatr** 1985 Jun;106(6):918–21

ISOLATION & PURIFICATION

Solubilization and purification of hepatic microsomal trans-2-enoyl-CoA reductase: evidence for the existence of a second long-chain enoyl-CoA reductase. Prasad MR, et al. **Arch Biochem Biophys** 1985 Mar;237(2):535–44

Studies on the metabolism of unsaturated fatty acids. XV. Purification and properties of 2,4-dienoyl-CoA reductase from rat liver peroxisomes. Kimura C, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1463–9

Studies on the metabolism of unsaturated fatty acids. XVI. Purification and general properties of 2,4-dienoyl-CoA reductase from Candida lipolytica. Mizugaki M, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):837–43

Purification and characterization of short-chain, medium-chain, and long-chain acyl-CoA dehydrogenases from rat liver mitochondria. Isolation of the holo- and apoenzymes and conversion of the apoenzyme to the holoenzyme. Ikeda Y, et al. **J Biol Chem** 1985 Jan 25;260(2):1311–25

METABOLISM

Cytoplasmic location of linoleoyl-CoA desaturase in microsomal membranes of rat liver. Fujiwara Y, et al. **Arch Biochem Biophys** 1984 Sep;233(2):402–7

Studies of the delta 12 desaturase of Carthamus tinctorius L. Gennity JM, et al. **Arch Biochem Biophys** 1985 Jun;239(2):444–54

Inability of skin enzyme preparations to biosynthesize arachidonic acid from linoleic acid. Chapkin RS, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):784–92

Delta 5-desaturase activity in liver and brain microsomes during development of the pig. Clandinin MT, et al. **Biochem J** 1985 May 1;227(3):1021–3

Purification and characterization of 2-enoyl-CoA reductase from bovine liver. Cvetanović M, et al. **Biochem J** 1985 Apr 1;227(1):49–56

Hepatic delta 6-desaturase activity in lean and genetically obese ob/ob mice. Hughes S, et al. **Biochem J** 1985 Jan 15;225(2):307–13

The influence of oxidation-reduction state on the kinetic stability of pig kidney general acyl-CoA dehydrogenase and other flavoproteins. Madden M, et al. **Biochem J** 1984 Dec 1;224(2):577–80

Substrate specificities of the enzymes of the oleate desaturase system from photosynthetic tissue. Murphy DJ, et al. **Biochem J** 1985 Jan 1;225(1):267–70

A sensitive spectrophotometric assay for peroxisomal acyl-CoA oxidase. Small GM, et al. **Biochem J** 1985 Apr 1;227(1):205–10

Structure-function correlation of fatty acyl-CoA dehydrogenase and fatty acyl-CoA oxidase. Rojas C, et al. **Biochemistry** 1985 Jun 4;24(12):2947–54

Microsomal fatty acid desaturase activities in vitamin A-deficient rat liver. Alam SQ, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):175–7

A possible cyclic AMP-mediated regulation of microsomal fatty acyl-CoA desaturation system in Tetrahymena microsomes. Umeki S, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):514–26

The importance of the stearoyl-CoA desaturase system in octadecenoate metabolism in the Morris hepatoma 7288C. Zoeller RA, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):380–8

Studies on Tetrahymena microsomal electron transport systems: solubilization of microsomal electron transport enzymes involved in fatty acid desaturation. Sasaki N, et al. **Comp Biochem Physiol [B]** 1984;79(2):219–23

Transport of proteins into mitochondrial matrix. Evidence suggesting a common pathway for 3-ketoacyl-CoA thiolase and enzymes having presequences. Mori M, et al. **Eur J Biochem** 1985 May 15;149(1):181–6

Purification of NADPH-dependent enoyl-CoA reductase involved in the malonyl-CoA dependent fatty acid elongation system of Mycobacterium smegmatis. Kikuchi S, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):841-8

Mechanism of action of short-chain, medium-chain, and long-chain acyl-CoA dehydrogenases. Direct evidence for carbanion formation as an intermediate step using enzyme-catalyzed C-2 proton/deuteron exchange in the absence of C-3 exchange. Ikeda Y, et al. **J Biol Chem** 1985 Jan 25;260(2):1326-37

Purification and characterization of the 2-methyl branched-chain Acyl-CoA dehydrogenase, an enzyme involved in NADH-dependent enoyl-CoA reduction in anaerobic mitochondria of the nematode, Ascaris suum. Komuniecki R, et al. **J Biol Chem** 1985 Apr 25; 260(8):4770-7

An essential cysteine residue located in the vicinity of the FAD-binding site in short-chain, medium-chain, and long-chain acyl-CoA dehydrogenases from rat liver mitochondria. Okamura-Ikeda K, et al. **J Biol Chem** 1985 Jan 25;260(2):1338-45

Glutaric acidaemia type II (multiple acyl-CoA dehydrogenation deficiency). Goodman SI, et al. **J Inherited Metab Dis** 1984;7 Suppl 1:33-7

Sjögren-Larsson syndrome: delta 5-and delta 6-fatty acid desaturases in skin fibroblasts. Avigan J, et al. **Neurology** 1985 Mar;35(3):401-3

Delta-6-desaturase enzyme co-factors and atherosclerosis. Serfontein WJ, et al. **S Afr Med J** 1985 Jul 20;68(2):67-8

The acyl-CoA dehydrogenation deficiencies. Recent advances in the enzymic characterization and understanding of the metabolic and pathophysiological disturbances in patients with acyl-CoA dehydrogenation deficiencies. Gregersen N. **Scand J Clin Lab Invest [Suppl]** 1985;174:1-60 (202 ref.)

FATTY ACID SYNTHETASE COMPLEX

Measurement of distance between the active serine of the thioesterase domain and the pantetheine thiol of fatty acid synthase by fluorescence resonance energy transfer. Foster RJ, et al. **J Biol Chem** 1985 Mar 10;260(5):2826-31

ANALYSIS

Amino acid sequence around the reactive serine residue of the thioesterase domain of rabbit fatty acid synthase. Hardie DG, et al. **Biochim Biophys Acta** 1985 Apr 29;828(3):380-2

Assay of fatty acid synthetase by mass fragmentography using [13C]malonyl-CoA. Ohashi K, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):867-75

Hybridization studies of chicken liver fatty acid synthetase. Evidence for the participation in palmitate synthesis of cysteine and phosphopantetheine sulfhydryl groups on adjacent subunits. Wang YS, et al. **J Biol Chem** 1984 Nov 25;259(22):13644-7

ANTAGONISTS & INHIBITORS

Studies on the reactivity of the essential sulfhydryl groups as a conformational probe for the fatty acid synthetase of chicken liver. Inactivation by 5,5'-dithiobis-(2-nitrobenzoic acid) and intersubunit cross-linking of the inactivated enzyme. Tian WX, et al. **J Biol Chem** 1985 Sep 15;260(20):11375-87

[Mechanism of action of cerulenin on fatty acid synthetase and cerulenin resistance in a cerulenin-producing fungus] Tomoda H, et al. **Seikagaku** 1985 Mar;57(3):190-201 (58 ref.) (Jpn)

BIOSYNTHESIS

Colchicine inhibition of insulin induction of stearoyl-CoA desaturase and fatty acid synthetase in cultured avian liver explants. Kasturi R, et al. **Arch Biochem Biophys** 1984 Sep; 233(2):530-9

GENETICS

Characterization of fatty acid synthetase cDNA clone and its mRNA. Yan C, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1235-41

The role of triiodothyronine in the regulation of synthesis rate and translatable mRNA level of fatty acid synthetase in a preadipocyte cell line. Gharbi-Chihi J, et al. **Biochim Biophys Acta** 1984 Oct 5;783(1):26-35

Developmental and nutritional regulation of the messenger RNAs for fatty acid synthase, malic enzyme and albumin in the livers of embryonic and newly-hatched chicks. Morris SM Jr, et al. **Mol Cell Biochem** 1984 Sep;64(1):63-8

ISOLATION & PURIFICATION

Isolation, purification, and characterization of a peptide that contains the beta-ketoacyl reductase, enoyl reductase, and beta-hydroxyacyl dehydrase activities of the pigeon liver fatty acid synthetase. Puri RN, et al. **Can J Biochem Cell Biol** 1985 Jan;63(1):50-6

METABOLISM

Fatty acid chain elongation by microsomal enzymes from the bovine meibomian gland. Anderson GJ, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):177-85

Amino acid sequence around the active-site serine residue in the acyltransferase domain of goat mammary fatty acid synthetase. Mikkelsen J, et al. **Biochem J** 1985 Apr 1; 227(1):21-7

Evidence that the medium-chain acyltransferase of lactating-goat mammary-gland fatty acid synthetase is identical with the acetyl/malonyltransferase. Mikkelsen J, et al. **Biochem J** 1985 May 1;227(3):981-5

Fatty acid synthase: probing the structure of a multifunctional protein by limited proteolysis. Hardie DG, et al. **Biochem Soc Trans** 1985 Apr;13(2):297-9

Distribution of reaction intermediates on chicken liver fatty acid synthase. Anderson VE, et al. **Biochemistry** 1985 Apr 23;24(9):2147-54

Elementary steps in the reaction mechanism of chicken liver fatty acid synthase: beta-ketoacyl reductase and enoyl reductase. Cognet JA, et al. **Biochemistry** 1985 Jan 15; 24(2):290-7

The quaternary structure and activity of newly purified fatty acid synthetase from the Harderian gland of guinea-pig. Kitamoto T, et al. **Biochim Biophys Acta** 1985 Feb 4; 827(2):164-73

The short-term regulation of fatty acid synthesis in the rat epididymal adipocytes. Itani AA, et al. **Comp Biochem Physiol [B]** 1985;81(1):97-101

Lipogenic enzyme activity and fructose 2,6-bisphosphate concentration in livers of two lines of domestic fowl (Gallus domesticus) selected for different body fat content. Bannister DW, et al. **Int J Biochem** 1984;16(12):1301-5

Fatty acid elongation activity in fibroblasts from patients with adrenoleukodystrophy (ALD). Tsuji S, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1241-7

Interaction of S-acyl fatty acid synthase thioester hydrolase with fatty acid synthase. Direct measurement of binding by fluorescence anisotropy. Foster RJ, et al. **J Biol Chem** 1985 Feb 10;260(3):1386-9

FATTY ACIDS

Formation of alpha-tocopherol complexes with fatty acids. Nature of complexes. Erin AN, et al. **Biochim Biophys Acta** 1985 May 14;815(2):209-14

Liquid crystalline phase formation by cholesterol in aqueous fatty acid salt solutions. Bogardus JB. **Hepatology** 1984 Sep-Oct;4(5 Suppl):148S-150S

The ionization behavior of fatty acids and bile acids in micelles and membranes. Small DM, et al. **Hepatology** 1984 Sep-Oct;4(5 Suppl):77S-79S

Assessment of fatty acid intakes in vegans and omnivores. Roshanai F, et al. **Hum Nutr Appl Nutr** 1984 Oct; 38(5):345-54

Granuloma formation by muramyl dipeptide associated with branched fatty acids, a structure probably essential for tubercle formation by Mycobacterium tuberculosis. Emori K, et al. **Infect Immun** 1985 Jul;49(1):244-9

Interaction of crotoxin and its isolated subunits with spin-labeled fatty acids. Radvanyi F, et al. **J Biol Chem** 1985 Jul 25;260(15):8765-70

Fatty acid nomenclature. A short review. Davidson BC, et al. **S Afr Med J** 1985 Apr 20;67(16):633-4 (27 ref.)

[A request for authorization to use acetic, lactic, and citric esters of monoglycerides of dietary fatty acids as emulsifiers in pastries, frozen desserts and preparations used in the manufacture of these products] Desgrez P. **Bull Acad Natl Med (Paris)** 1984 Dec;168(9):1079-80 (Fre)

ADMINISTRATION & DOSAGE

Cholesterol, saturated fatty acids, polyunsaturated fatty acids, sodium, and potassium intakes of the United States population. Fischer DR, et al. **J Am Coll Nutr** 1985; 4(2):207-24

Dietary fatty acids and rheumatoid arthritis [letter] **Lancet** 1985 Mar 23;1(8430):699-700

Autosomal dominant syndrome of lipid neuromyopathy with normal carnitine: successful treatment with long-chain fatty-acid-free diet. Askanas V, et al. **Neurology** 1985 Jan; 35(1):66-72

Effect of fatty acid-enriched diet on the composition of fatty acids in lipids of cerebral myelin during development. Wender M, et al. **Neuropatol Pol** 1985;23(1):119-27

[Effect of diets of different isomer composition of fatty acids on the blood vessel wall, blood lipids and platelet aggregation] Pozdniakov AL, et al. **Vopr Pitan** 1984 Nov-Dec;(6):56-61 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

Transient pulmonary hypertension associated with esophageal sclerotherapy. Glauser FL, et al. **Chest** 1984 Nov;86(5):658-9

Eye protection during sclerotherapy [letter] Kleinman MS, et al. **Gastrointest Endosc** 1984 Dec;30(6):375-6

[Pathogenetic mechanisms of shock in napalm burns] Mikhailov VV, et al. **Voen Med Zh** 1985 Jan;(1):70-3 (Rus)

ANALYSIS

Characterization of Mycobacterium leprae by lipid analysis. Minnikin DE, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec; (95):113-20 ..

Specificities in the phospholipid and fatty acid composition of the stable protoplast type L-form of Escherichia coli B. Gumpert J, et al. **Acta Microbiol Bulg** 1984;15:17-23

Influence of dietary fats on ultrastructure and fatty acid. Composition of swine arterial tissue. Toda T, et al. **Acta Pathol Jpn** 1984 Sep;34(5):935-45

Rapid sampling and long-term storage of subcutaneous adipose-tissue biopsies for determination of fatty acid composition. Beynen AC, et al. **Am J Clin Nutr** 1985 Aug; 42(2):317-22

Breast milk composition: fat content and fatty acid composition in vegetarians and non-vegetarians. Finley DA, et al. **Am J Clin Nutr** 1985 Apr;41(4):787-800

Fatty acid composition of breast milk from three racial groups from Penang, Malaysia. Kneebone GM, et al. **Am J Clin Nutr** 1985 Apr;41(4):765-9

Identification and quantitation of fatty acid ethyl esters in biological specimens. Kinnunen PM, et al. **Anal Biochem** 1984 Aug 1;140(2):567-76

Changes in fatty acid composition of the cardiac phospholipids of the cotton-eared marmoset (Callithrix jacchus) after feeding different lipid supplements. Charnock JS, et al. **Ann Nutr Metab** 1985;29(2):83-94

Contrasting effects of low or high copper intake on rat tissue lipid essential fatty acid composition. Cunnane SC, et al. **Ann Nutr Metab** 1985;29(2):103-10

Temperature-dependent lipid content and fatty acid composition of three thermophilic bacteria. Aerts JM, et al. **Antonie Van Leeuwenhoek** 1985;51(2):155-65

Changes in relative fatty acid composition of serum lecithin and cholesterol ester after treatment with two gonane progestins administered alone and in combination with ethinyl estradiol. Crona N, et al. **Arch Gynecol** 1984; 236(1):35-40

Nature and linkage type of fatty acids present in lipopolysaccharides of phase I and II Coxiella burnetii. Wollenweber HW, et al. **Arch Microbiol** 1985 Jun; 142(1):6-11

Influence of neonatal age on changes in fatty acid composition of microsomal lipids induced by long-term and short-term cholesterol feeding. Garcia-Gonzalez M, et al. **Biochem Biophys Res Commun** 1984 Nov 14; 124(3):677-81

Lipoprotein lipase-catalyzed hydrolysis of phospholipid monolayers: effect of fatty acyl composition on enzyme activity. Jackson RL, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):670-5

Distinctive responses of heart muscle and non-muscle cells to oxygen and glucose deprivation as regards phospholipid fatty acids. Freyss-Beguin M, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2560-3

19F nuclear magnetic resonance studies of lipid fatty acyl chain order and dynamics in Acholeplasma laidlawii B membranes. Orientational order in the presence of a series of positional isomers of cis-octadecenoic acid. Macdonald PM, et al. **Biochemistry** 1985 Jan 1;24(1):177-84

Fluorine-19 nuclear magnetic resonance studies of lipid fatty acyl chain order and dynamics in Acholeplasma laidlawii B membranes. Gel-state disorder in the presence of methyl iso- and anteiso-branched-chain substituents. Macdonald PM, et al. **Biochemistry** 1985 May 7;24(10):2412-9

Chain dynamics of selectively deuterated fatty acids in high-density lipoproteins studied by deuterium NMR. Parmar YI, et al. **Biochemistry** 1985 Jan 1;24(1):171-6

Modification of fatty acid composition in adipocyte plasma membranes by an oral treatment with a new antidiabetic agent, AS-6, in genetically obese diabetic mice, db/db. Hosokawa T, et al. **Biochim Biophys Acta** 1985 Mar 27; 834(1):130-3

The kinetics of changes in the fatty acid composition of Neurospora crassa lipids after a temperature increase. Vokt JP, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):176-82

Relation between consumption of alcohol and fatty acids esterifying serum cholesterol in healthy men. Warnet JM, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1859-61

Fatty acids and phospholipids of membranes isolated from Escherichia coli growing in a medium with parathion. Rosas SB, et al. **Bull Environ Contam Toxicol** 1985 Feb; 34(2):265-70

Effect of growth temperature on lipid composition of Streptococcus faecium. Ordóñez JA, et al. **Can J Microbiol** 1985 Apr;31(4):361-6

Purification and characterization of C28-55 fatty acids from Mycobacterium smegmatis. Sathyamoorthy N, et al. **Can J Microbiol** 1985 Mar;31(3):214-9

Studies on lipids of crayfish, Procambarus clarkii. I. Furanoid fatty acids. Okajima H, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3281-6

Adaptation of fatty acid composition to temperature—a study on carp (Cyprinus carpio L.) liver slices. Farkas T. **Comp Biochem Physiol [B]** 1984;79(4):531-5

Fatty acids in the roe lipids of common food fishes. Kaitaranta JK, et al. **Comp Biochem Physiol [B]** 1984; 79(3):331-4

Changes in the fatty acid composition of steelhead trout, Salmo gairdnerii Richardson, associated with parr-smolt transformation. Sheridan MA, et al. **Comp Biochem Physiol [B]** 1985;80(4):671-6

The effect of oxytetracycline on the fat content and fatty acid composition of the egg yolk. Shaddad SA, et al. **Comp Biochem Physiol [C]** 1985;81(1):223-6

Mathematical model to obtain cholesterol, P/S ratio, and fiber daily intake [letter] Tater D, et al. **Diabetes Care** 1985

Mar–Apr;8(2):194–5

Tightly bound fatty acids in the erythrocyte membrane proteins in myotonic dystrophy. Antoku Y, et al. **Exp Neurol** 1985 Feb;87(2):206–11

Fatty acid composition of amniotic fluid lecithin and its relationship to amniotic fluid C–peptide in diabetic pregnancy. Pachera H, et al. **Horm Metab Res** 1984 Dec; 16 Suppl 1:186–9

First trimester prenatal diagnosis of adrenoleukodystrophy by determination of very long chain fatty acid levels and by linkage analysis to a DNA probe. Boué J, et al. **Hum Genet** 1985;69(3):272–4

Adrenoleukodystrophy in Israel: a genetic, clinical and biochemical study. Chemke J, et al. **Isr J Med Sci** 1984 Dec;20(12):1123–32

Analysis of cellular fatty acids by gas chromatography as a tool in the identification of medically important coryneform bacteria. Athalye M, et al. **J Appl Bacteriol** 1985 May;58(5):507–12

Regression analysis of total fatty acids from human whole brain according to age and sex. Gershbein LL, et al. **J Appl Biochem** 1985 Feb;7(1):55–63

Effects of temperature and sodium chloride concentration on the phospholipid and fatty acid compositions of a halotolerant Planococcus sp. Miller KJ. **J Bacteriol** 1985 Apr;162(1):263–70

Fatty acid composition of cardiolipin from guinea pig Harderian gland. Seyama Y, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1639–43

In vivo mobility of fatty acid end groups of Bacillus thuringiensis plasma membrane lipids during growth and sporulation. Bechtel DB, et al. **J Biol Chem** 1985 Aug 15; 260(17):9784–92

Determination of fatty acids of the bacteria Streptomyces R61 and Actinomadura R39 by capillary gas chromatography–mass spectrometry. Brown AS, et al. **J Chromatogr** 1985 May 31;341(1):139–45

Unusual fatty acids from amniotic fluid phospholipids. Coombe RG, et al. **J Chromatogr** 1985 May 31; 341(1):146–53

Evaluation of the mass detector for quantitative detection of triglycerides and fatty acid methyl esters. Robinson JL, et al. **J Chromatogr** 1985 May 17;324(1):35–51

Determination of fatty acids by high–performance liquid chromatography of Dns–ethanolamine derivatives. Ryan PJ, et al. **J Chromatogr** 1984 Nov 16;312:461–6

Determination of monounsaturated double–bond position and geometry in the cellular fatty acids of the pathogenic bacterium Francisella tularensis. Nichols PD, et al. **J Clin Microbiol** 1985 May;21(5):738–40

Identification of Streptococcus bovis and Streptococcus salivarius in clinical laboratories. Ruoff KL, et al. **J Clin Microbiol** 1984 Aug;20(2):223–6

Fatty acid composition of oral isolates of Selenomonas. Jantzen E, et al. **J Gen Microbiol** 1985 Jan;131 (Pt 1):175–9

Proportions of various straight and branched fatty acid chain types in the sebaceous wax esters of young children. Stewart ME, et al. **J Invest Dermatol** 1985 Jun;84(6):501–3

Abnormal fatty acid composition of erythrocyte glycosphingolipids in congenital dyserythropoietic anemia type II. Bouhours JF, et al. **J Lipid Res** 1985 Apr; 26(4):435–41

Improved recovery of fatty acid through direct transesterification without prior extraction or purification. Lepage G, et al. **J Lipid Res** 1984 Dec 1;25(12):1391–6

Unusual cellular fatty acids and distinctive ultrastructure in a new spiral bacterium (Campylobacter pyloridis) from the human gastric mucosa. Goodwin CS, et al. **J Med Microbiol** 1985 Apr;19(2):257–67

Fatty acid and long–chain base composition of gangliosides isolated from adult human brain. Ando S, et al. **J Neurosci Res** 1984;12(2–3):205–11

Total lipid content and fatty acid composition of preterm human milk. Ehrenkranz RA, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):755–8

Quantitative and positional analysis of fatty acids. Kuksis A. **Lab Res Methods Biol Med** 1984;10:77–131 (300 ref.)

New natural 2–acetoxy fatty acids using chemical ionization and electron impact mass spectrometry. Ayanoglu E, et al. **Lipids** 1985 Mar;20(3):141–4

Sterol and fatty acid composition of the clam, Codakia orbicularis, with chemoautotrophic symbionts. Berg CJ Jr, et al. **Lipids** 1985 Feb;20(2):116–20

The positional distributions of fatty acids in the triacylglycerols and phosphatidylcholines of the intestinal and popliteal lymph and plasma of sheep. Christie WW, et al. **Lipids** 1984 Dec;19(12):982–6

Homeostatic control of membrane fatty acid composition in the rat after dietary lipid treatment. Gibson RA, et al. **Lipids** 1984 Dec;19(12):942–51

Brominated fatty acid distribution in tissues and fluids of rats fed brominated vegetable oils. Lawrence JF, et al. **Lipids** 1984 Sep;19(9):704–7

The di– and triesters of the lipids of steer and human meibomian glands. Nicolaides N, et al. **Lipids** 1985 Jul; 20(7):454–67

Fatty acid and squalene compositions of Mediterranean Centrophorus SPP egg and liver oils in relation to age. Peyronel D, et al. **Lipids** 1984 Sep;19(9):643–8

Fatty acid composition and Shwartzman activity of lipopolysaccharides from oral bacteria. Mashimo J, et al. **Microbiol Immunol** 1985;29(5):395–403

The fatty acid composition of Iraqi ewe's, goat's and cow's milk fat. Abo–Elnaga IG, et al. **Nahrung** 1985;29(3):241–5

Fatty acids and glycerides. Gunstone FD. **Nat Prod Rep** 1984 Oct;1(5):483–97 (296 ref.)

Plasma and skin fibroblast C26 fatty acids in infantile Refsum's disease. Poulos A, et al. **Neurology** 1984 Dec; 34(12):1606–9

Relation of changes in dietary fatty acid to alterations in linoleic acid content of human cheek cell phospholipids. **Nutr Rev** 1984 Nov;42(11):376–7

Trans fatty acids in foods. **Nutr Rev** 1984 Aug;42(8):278–9 (5 ref.)

Partially hydrogenated fats in the diets of nursing mothers: effect on contents of trans fatty acids and prostaglandins in milk. **Nutr Rev** 1984 Sep;42(9):311–3

Rapid identification of mycobacteria using gas liquid chromatography. Mayall BC. **Pathology** 1985 Jan; 17(1):24–8

The prenatal diagnosis of the cerebro–hepato–renal syndrome of Zellweger. Solish GI, et al. **Prenat Diagn** 1985 Jan–Feb; 5(1):27–34

Effect of prednisolone on the fatty acid composition and the formation of arachidonate metabolites in human keratinocytes in culture. Puustinen T, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):293–9

Gas chromatographic analysis of cellular fatty acids in anaerobic curved bacteria isolated from the vagina. Skarin A, et al. **Scand J Urol Nephrol [Suppl]** 1984;86:71–4

Chronic effects of perchloroethylene on the composition of lipid and acyl groups in cerebral cortex and hippocampus of the gerbil. Kyrklund T, et al. **Toxicol Lett** 1984 Sep; 22(3):343–9

Fatty acid and lipid composition of children's food. I. Analytical methods; composition of commercially available supplementary foods for juniors. Suwelack C, et al. **Z Ernahrungswiss** 1984 Dec;23(4):263–75

[Fatty acid content of the lipid fraction of the meat of chickens fed mixed feeds with added bacterial protein] Monov G, et al. **Vet Med Nauki** 1984;21(7–8):74–8 (Eng. Abstr.) (Bul)

[Fatty acid content in the lipid fraction of the meat of wild pigs] Petkov R, et al. **Vet Med Nauki** 1985;22(3):54–8 (Eng. Abstr.) (Bul)

[Postnatal development of the fatty acid composition of lipids of adipose and muscle tissue in rabbits on a low–fat diet] Ouhayoun J, et al. **Reprod Nutr Dev** 1985;25(3):505–19 (Eng. Abstr.) (Fre)

[Synthesis, characterization and application of polyglycerols and polyglycerol fatty acid esters] Behrens H, et al. **Nahrung** 1984;28(8):815–35 (82 ref.) (Eng. Abstr.) (Ger)

[Influence of maltitol on lipid metabolism: fatty acid composition of the heart and brain of the rat] Barzanti V, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2091–7 (Eng. Abstr.) (Ita)

[Fatty acid composition of mitochondrial phospholipids of the ischemic heart] Dagis AI, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):43–5 (Eng. Abstr.) (Rus)

[Composition of neutral lipids, phospholipids and their fatty acids in mutant Candida tropicalis D–2 resistant to nystatin] Danilenko II. **Izv Akad Nauk SSSR [Biol]** 1984 Jul–Aug; (4):587–93 (Eng. Abstr.) (Rus)

[Fatty acid composition of fungal lipids in relation to cultivation conditions] Konova IV, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Nov–Dec;(6):938–42 (Eng. Abstr.) (Rus)

[Fatty acid composition of the lipids in fungi of the genus Aspergillus developing on mineral media with different carbon sources] Kolesnikova IG, et al. **Mikrobiologiia** 1984 Nov–Dec;53(6):938–41 (Eng. Abstr.) (Rus)

[Lipid fatty acid composition of fungi in the genus Aspergillus grown on media with various sources of nitrogen] Kolesnikova IG, et al. **Mikrobiologiia** 1984 Sep–Oct;53(5):826–9 (Eng. Abstr.) (Rus)

[Lipid fatty acids of the blood serum and surface of the skin in seborrhea patients] Alimova EK, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):15–8 (Eng. Abstr.) (Rus)

[Fatty acid composition of Escherichia coli cells and their viability in air] Bogoslovskaia OA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec;(12):65–8 (Eng. Abstr.) (Rus)

[Fatty acid composition of Leptospira lipids as a taxonomic criterion] Vasiurenko ZP, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):6–11 (Eng. Abstr.) (Rus)

ANTAGONISTS & INHIBITORS

Coronary hyperemia and cardiac hypertrophy following inhibition of fatty acid oxidation. Evidence of a regulatory role for cytosolic phosphorylation potential. Higgins AJ, et al. **Adv Myocardiol** 1985;6:329–38

BIOSYNTHESIS

Pulmonary and hepatic fatty acid synthesis. III. Control of hexose monophosphate shunt pathway by 3,5,3'–L–triiodothyronine. Das DK, et al. **Ann Nutr Metab** 1984;28(6):357–66

Biotin effects on fatty acid synthesis in chicks. Donaldson WE. **Ann NY Acad Sci** 1985;447:105–11

Characterization and solubilization of an acyl chain elongation system in microsomes of leek epidermal cells. Agrawal VP, et al. **Arch Biochem Biophys** 1985 Jul; 240(1):154–65

The physiological role of oxygen–sensitive pyruvate dehydrogenase in mitochondrial fatty acid synthesis in Euglena gracilis. Inui H, et al. **Arch Biochem Biophys** 1985 Mar;237(2):423–9

Reduced hepatic fatty–acid synthesis and lowered plasma triacylglycerol (TG) in potassium deficient rats. Hohenegger M, et al. **Arch Int Physiol Biochim** 1985 Jun; 93(2):117–22

Effect of progesterone alone and in combination with either corticosterone, 17 beta–estradiol or insulin on prolactin–stimulated fatty acid synthesis in mammary explants from pseudopregnant rabbits. Martyn P, et al. **Aust J Biol Sci** 1984;37(1–2):79–84

Differential short–term effects of growth factors on fatty acid synthesis in isolated rat–liver cells. Vaartjes WJ, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):449–55

Localization of chloroplastic fatty acid synthesis de novo in the stroma. Walker KA, et al. **Biochem J** 1985 Mar 1; 226(2):551–6

Effect of insulin on ketogenesis and fatty acid synthesis in rat hepatocytes incubated with dichloroacetate. Agius L, et al. **Biochim Biophys Acta** 1985 Mar 21;844(3):393–9

Dietary modification of fatty acid and prostaglandin synthesis in the rat. Effect of variations in the level of dietary fat. Croft KD, et al. **Biochim Biophys Acta** 1984 Sep 12; 795(2):196–207

Fatty acid synthesis in brown adipose tissue subcellular fractions of hyperthyroid rats. Petragallo VA, et al. **Boll Soc Ital Biol Sper** 1985 May 30;61(5):663–9

The short–term regulation of fatty acid synthesis in the rat epididymal adipocytes. Itani AA, et al. **Comp Biochem Physiol [B]** 1985;81(1):97–101

Fatty acid synthesis in brown adipose tissue of the Mongolian gerbil (Meriones unguiculatus): influence of acclimation temperature on synthesis in brown adipose tissue and the liver in relation to whole–body synthesis. Trayhurn P, et al. **Comp Biochem Physiol [B]** 1984;78(3):601–7

Fetal rat hyperinsulinism and hyperglucagonism: effects on hepatic ketogenesis, lipogenesis, and gluconeogenesis. McCormick K, et al. **Endocrinology** 1985 Apr;116(4):1281–7

The influence of permanent adrenalin application on the triacylglycerol concentration and fatty acid synthesis in various tissues of the rat. Hohenegger M, et al. **Exp Pathol** 1984;26(3):151–4

Studies on the substrate for hepatic lipogenesis in the rat. Geelen MJ, et al. **FEBS Lett** 1984 Sep 17;175(1):8–12

Both insulin and epidermal growth factor stimulate fatty acid synthesis and increase phosphorylation of acetyl–CoA carboxylase and ATP–citrate lyase in isolated hepatocytes. Holland R, et al. **FEBS Lett** 1985 Feb 25;181(2):308–12

Stimulatory effect of calcitonin on fatty acid synthesis in the liver of fed rats. Yamaguchi M, et al. **Horm Metab Res** 1985 Jul;17(7):346–50

Fatty acid synthesizing capacity of mammary gland in relation to plasma hormone levels at different stages of pregnancy and lactation in goats. Sarma PV, et al. **Indian J Biochem Biophys** 1984 Aug;21(4):255–9

Intramitochondrial reductive carboxylation of 2–oxoglutarate in adipose tissue and its contribution to fatty acid synthesis. Lenartowicz E, et al. **Int J Biochem** 1984;16(12):1223–9

Inhibition of fatty acid synthesis by the antibiotic thiolactomycin. Hayashi T, et al. **J Antibiot (Tokyo)** 1984 Nov;37(11):1456–61

Mevinolinic acid biosynthesis by Aspergillus terreus and its relationship to fatty acid biosynthesis. Greenspan MD, et al. **J Bacteriol** 1985 May;162(2):704–7

Fatty acid elongation activity in fibroblasts from patients with adrenoleukodystrophy (ALD). Tsuji S, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1241–7

Contributions of fatty acid and sterol synthesis to triglyceride and cholesterol secretion by the perfused rat liver in genetic hyperlipemia and obesity. Azain MJ, et al. **J Biol Chem** 1985 Jan 10;260(1):174–81

Fatty acid biosynthesis in Mycobacterium tuberculosis var. bovis Bacillus Calmette–Guérin. Purification and characterization of a novel fatty acid synthase, mycocerosic acid synthase, which elongates n–fatty acyl–CoA with methylmalonyl–CoA. Rainwater DL, et al. **J Biol Chem** 1985 Jan 10;260(1):616–23

Effects of propionate and methylmalonate on conversions of acetate, butyrate, and D(–)–3–hydroxybutyrate to fatty acids and carbon dioxide by mammary tissue slices of goats. Emmanuel B, et al. **J Dairy Sci** 1985 Mar;68(3):751–4

Inhibition of fatty acid synthesis in rabbit mammary alveolar explants by progesterone and related steroids. Martyn P, et al. **J Steroid Biochem** 1985 Aug;23(2):159–63

Quantitation of the rate of fatty acid synthesis. Casazza JP, et al. **Lab Res Methods Biol Med** 1984;10:231–40 (45 ref.)

The effect of penicillin on fatty acid synthesis and excretion in Streptococcus mutans BHT. Brissette JL, et al. **Lipids** 1985 Mar;20(3):173–9

Inhibition of fatty acid synthesis in isolated adipocytes by 5–(tetradecyloxy)–2–furoic acid. Halvorson DL, et al. **Lipids** 1984 Nov;19(11):851–6

The influence of incubation time and medium composition on fatty acid production by some Bacteroides species. Salt WG, et al. **Microbios** 1985;42(171S):273–85

Effects of growth hormone on lipogenesis and glucose oxidation in genetically GH–deficient mice. Adamafio NA, et al. **Mol Cell Endocrinol** 1984 Sep;37(2):241–4

Biosynthesis of fatty acids by lactating human breast epithelial cells: an evaluation of the contribution to the overall composition of human milk fat. Thompson BJ, et al. **Pediatr Res** 1985 Jan;19(1):139–43

Effects of chronic cold exposure on wheel running, food intake and fatty acid synthesis in Syrian hamsters. Rowland N. **Physiol Behav** 1984 Aug;33(2):253–6

Changes in fatty acid elongation in developing mouse brain by mercury—comparison with other metals. Bourre JM, et al. Toxicol Lett 1985 Apr;25(1):19–23

[Cerebral fatty acids. Synthesis in situ and food intake] Bourre JM. **Diabete Metab** 1984 Dec;10(5):324–31 (Eng. Abstr.) (Fre)

[Effects of very–low–density lipoproteins on fatty acid synthesis and VLDL secretion by isolated hepatocytes] Kalopissis AD, et al. **Reprod Nutr Dev** 1985;25(1B):227–34 (Eng. Abstr.) (Fre)

[Characterization of species of the genus Clostridium by gas chromatographic analysis of the fatty acids produced during metabolism] Cresci A, et al. **G Batteriol Virol Immunol** 1984 Jan–Jun;77(1–6):19–32 (Eng. Abstr.) (Ita)

[Action of the products of the vital activity of yeastlike fungi on the biosynthesis of levorin, levoristatin and fatty acids by a Streptomyces levoris culture] Kuznetsova OS, et al. **Antibiotiki** 1984 Jul;29(7):483–7 (Eng. Abstr.) (Rus)

[Production of extracellular higher fatty acids by yeasts grown on hexadecanoic acid] Medvedeva TN, et al. **Mikrobiologiia** 1985 Jan–Feb;54(1):17–21 (Eng. Abstr.) (Rus)

[Nicotinamide nucleotides as factors of lipogenesis regulation] Velikii NN. **Ukr Biokhim Zh** 1984 Jul–Aug;56(4):369–83 (Eng. Abstr.) (Rus)

BLOOD

A comparison on blood lipids and fatty acid composition of lipoproteins between normal adults and patients with coronary heart disease. Wang SP, et al. **Acta Acad Med Wuhan** 1984;4(4):206–12

The composition of fatty acids of the serum and erythrocytes after an alimentary cholesterol load. Grójec M, et al. **Acta Physiol Pol** 1984 Mar–Apr;35(2):177–84

Composition of serum fatty acids in healthy children. Urban M, et al. **Acta Physiol Pol** 1984 Jan–Feb;35(1):93–100

Sensitivity of individual erythrocyte membrane phospholipids to changes in fatty acid composition in chronic alcoholic patients. La Droitte P, et al. **Alcoholism (NY)** 1985 Mar–Apr;9(2):135–7

Serum fatty acids, apolipoproteins, selenium and vitamin antioxidants and the risk of death from coronary artery disease. Salonen JT, et al. **Am J Cardiol** 1985 Aug 1;56(4):226–31

Variations in plasma fatty acid concentrations during a one–year self–selected dietary intake study. Reeves VB, et al. **Am J Clin Nutr** 1984 Dec;40(6 Suppl):1345–51

Plasma membrane isolation and fatty acid analysis of membrane lipids from murine lymphocytes. Adams DA, et al. **Anal Biochem** 1985 Jan;144(1):228–32

Effect of supplementing medium chain triglycerides with linoleic acid–rich monoglycerides on severely disturbed serum lipid fatty acid patterns in patients with cystic fibrosis. Christophe A, et al. **Ann Nutr Metab** 1985;29(4):239–45

The fatty acid composition of serum lecithin after pregnancy complicated by pre–eclampsia. Rosing U, et al. **Arch Gynecol** 1984;236(2):109–17

Effect of polyunsaturated isocaloric fat diets on plasma lipids, apolipoproteins and fatty acids. Blaton V, et al. **Atherosclerosis** 1984 Oct;53(1):9–20

Alterations in erythrocyte membrane lipids in abetalipoproteinemia: phospholipid and fatty acyl composition. Iida H, et al. **Biochem Med** 1984 Aug;32(1):79–87

Fatty acid patterns of the serum phospholipids, cholesterolesters and triglycerides in patients with myocardial infarction (MI) during the acute phase and a follow–up of one year. Kahl PE, et al. **Biomed Biochim Acta** 1984;43(8–9):S447–50

Influence of a cod liver oil diet in diabetics type I on fatty acid patterns and platelet aggregation. Schimke E, et al. **Biomed Biochim Acta** 1984;43(8–9):S351–3

Lipids, fatty acids and trace elements in plasma and erythrocytes of pediatric patients with homozygous sickle cell disease. Muskiet FD, et al. **Clin Chim Acta** 1984 Sep 15;142(1):1–10

Analysis of the fatty acid composition of human serum lipids by high performance liquid chromatography. Shimomura Y, et al. **Clin Chim Acta** 1984 Nov 30;143(3):361–6

The plasma and erythrocyte fatty acid composition of poorly controlled, insulin–dependent (type I) diabetic patients and the effect of improved metabolic control. van Doormaal JJ, et al. **Clin Chim Acta** 1984 Dec 29;144(2–3):203–12

Platelet fatty acid composition in relation to fatty acid composition in plasma and to serum lipoprotein lipids in healthy subjects with special reference to the linoleic acid pathway. Boberg M, et al. **Clin Sci** 1985 May;68(5):581–7

A study of triiodothyronine–catecholamine interactions: their effect on plasma fatty acids in Pacific hagfish Eptatretus stouti. Plisetskaya E, et al. **Comp Biochem Physiol [A]** 1984;78(4):767–72

Fatty acid pattern of platelet phospholipids in cystic fibrosis [letter] Rogiers V, et al. **Eur J Pediatr** 1984 Sep;142(4):305–6

Relative fatty acid composition of lecithin during postmenopausal replacement therapy—a comparison between ethinyl estradiol and estradiol valerate. Ottosson UB, et al. **Gynecol Obstet Invest** 1984;18(6):296–302

Essential fatty acid nutritional status in phrynoderma. Ghafoorunissa. **Indian J Med Res** 1984 Dec;80:663–9

Fatty acid compositions of serum lipids, erythrocytes, and platelets in insulin–dependent diabetic women. Tilvis RS, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):741–5

Capillary gas–liquid chromatographic–mass spectrometric measurement of very long chain (C22 to C26) fatty acids in microliter samples of plasma. Aubourg P, et al. **J Lipid Res** 1985 Feb;26(2):263–7

The cerebro–hepato–renal (Zellweger) syndrome: lamellar lipid profiles in adrenocortical, hepatic mesenchymal, astrocyte cells and increased levels of very long chain fatty acids and phytanic acid in the plasma. Aubourg P, et al. **J Neurol Sci** 1985 May–Jun;69(1–2):9–25

Alteration and recovery of bleeding times, platelet aggregation and fatty acid composition of individual phospholipids in platelets of human subjects receiving a supplement of cod–liver oil. Ahmed AA, et al. **Lipids** 1984 Aug;19(8):617–24

Analysis of deuterium labeled blood lipids by chemical ionization mass spectrometry. Rohwedder WK, et al. **Lipids** 1985 May;20(5):303–11

Determination of C20–C30 fatty acids by reversed–phase chromatographic techniques: an efficient method to quantitate minor fatty acids in serum of patients with adrenoleukodystrophy. Alberghina M, et al. **Neurochem Res** 1984 Dec;9(12):1719–27

Clinical application of the new HPLC method for fatty acid analysis. (2) Effects of a fat emulsion on fatty acid compositions in postoperative period with special reference to C18:1–isomer. Sato T, et al. **Nippon Geka Hokan** 1984 Mar 1;53(2):395–414

The fatty acid composition in the red cell membrane of the patients with paroxysmal nocturnal hemoglobinuria. Shinohara K, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):853–7

Fatty acid abnormalities in cystic fibrosis. Farrell PM, et al. **Pediatr Res** 1985 Jan;19(1):104–9

Prostanoids and hemodynamics in man before and during cardiopulmonary bypass. Uotila P, et al. **Prostaglandins** 1984 Oct;28(4):497–508

Influence of some plasma fatty acids on the phospholipid fatty acid pattern of human platelets—an 'ex vivo' experience. Vallés J, et al. **Thromb Haemost** 1984 Dec 29;52(3):232–5

Diagnosis of adrenoleukodystrophy using dried blood spots. Ishikawa Y, et al. **Tohoku J Exp Med** 1985 May;146(1):69–72

[Long–term behavior of serum fatty acids—results of a Leipzig gerontologic longitudinal study] Reuter W, et al. **Z Gesamte Inn Med** 1984 Aug 15;39(16):397–9 (Eng. Abstr.) (Ger)

[12 years' analysis of serum fatty acids—final results of the Leipzig Longitudinal Gerontologic Study] Reuter W, et al. **ZFA** 1985 May–Jun;40(3):165–9 (Eng. Abstr.) (Ger)

[A study on the fatty acid composition of the plasma lipoprotein in patients with fractures] Nara C. **Nippon Seikeigeka Gakkai Zasshi** 1984 Jun;58(6):591–605 (Eng. Abstr.) (Jpn)

[Serum long chain fatty acids in the patients with inflammatory bowel disease] Sugita A, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):65–71 (Eng. Abstr.) (Jpn)

[Erythrocyte fatty acids of patients with diabetes mellitus and diabetic microangiopathies] Naumenko VG, et al. **Klin Med (Mosk)** 1985 Mar;63(3):91–6 (Eng. Abstr.) (Rus)

[Effect of alpha–tocopherol and hyperbaric oxygenation on lipid fatty–acid composition of the plasma in hypercholesteremic rabbits] Kosukhin AB. **Vopr Med Khim** 1984 Jul–Aug;30(4):36–9 (Eng. Abstr.) (Rus)

[Effect of transmeridional transit on adaptive changes of the plasma fatty acid content in healthy persons] Ivanov VN, et al. **Vopr Pitan** 1984 Jul–Aug;(4):26–9 (Rus)

[The composition of fatty acids and lipids in the blood of healthy people of various ages] Bohov P, et al. **Bratisl Lek Listy** 1985 Jul;84(1):60–8 (Eng. Abstr.) (Slo)

CHEMICAL SYNTHESIS

Design, synthesis, and evaluation of omega–iodovinyl– and omega–iodoalkyl–substituted methyl–branched long–chain fatty acids. Goodman MM, et al. **J Med Chem** 1985 Jun;28(6):807–15

Synthesis of [17,18–3H] trans–13–azaprostanoic acid. A labeled probe for the PGH2/TXA2 receptor. Ghali NI, et al. **Prostaglandins** 1984 Jun;27(6):865–76

CLASSIFICATION

[Taxonomic significance of the lipopolysaccharide fatty acid composition of bacteria in the genus Proteus] Cherniavskaia EN, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Sep–Oct;(5):784–90 (Eng. Abstr.) (Rus)

DEFICIENCY

Octanoic acidemia and octanoylcarnitine excretion with dicarboxylic aciduria due to defective oxidation of medium–chain fatty acids. Duran M, et al. **J Pediatr** 1985 Sep;107(3):397–404

DIAGNOSTIC USE

Free fatty acid scintigraphy in patients with successful thrombolysis after acute myocardial infarction. Visser FC, et al. **Clin Nucl Med** 1985 Jan;10(1):35–9

Hepatic uptake and fate of 123I–and 14C–fatty acids in normal and ethanolic mice. Shreeve WW, et al. **Nucl Med Commun** 1984 Aug;5(8):519–24

Recent developments in the field of 123I–radiopharmaceuticals. Machulla HJ, et al. **Nuklearmedizin** 1984 Jun;23(3):111–8 (44 ref.)

Myocardial uptake of iodinated free fatty acids and 201Tl in experimental ischemia. Westera G, et al. **Nuklearmedizin** 1984 Dec;23(6):321–5

[Double nuclide myocardial scintigraphy with thallium 201 and iodine 123–heptadecanoic acid—the possibilities in cardiological diagnosis] Müller KD, et al. **Radiologe** 1985 Feb;25(2):78–82 (Eng. Abstr.) (Ger)

ISOLATION & PURIFICATION

Evidence for the presence of fatty acid methyl esters in human hepatoma tissue from a patient with hypercholesterolemia. Yoshida S, et al. **J Appl Biochem** 1984 Oct–Dec;6(5–6):314–8

Pitfalls in the isolation of alpha–fetoprotein by solid–phase immunoadsorption. Loss of fatty acids. Calvo M, et al. **J Chromatogr** 1985 Jun 28;328:392–5

A new double column HPLC method for rapid separation of fatty acids. Sato T. **Nippon Geka Hokan** 1984 Jan 1;53(1):33–46

METABOLISM

Effect of C 18:3 (n–3) dietary supplementation on the fatty acid composition of the rat brain. Cocchi M, et al. **Acta Vitaminol Enzymol** 1984;6(3):151–6

Nutritional studies on anti–alpha–amylase: II) Lipid metabolism investigation: fatty acid composition of organs and tissues. Maranesi M, et al. **Acta Vitaminol Enzymol** 1984;6(4):347–53

Fatty acid composition of single brain structures following different alpha linolenate dietary supplementations. Tarozzi G, et al. **Acta Vitaminol Enzymol** 1984;6(3):157–63

Effect of ethanol on fatty acid metabolism in cultured hepatocytes: dependency on incubation time and fatty acid concentration. Grunnet N, et al. **Alcohol** 1985 Jan–Feb;2(1):157–61

Trans fatty acids in human milk lipids: influence of maternal diet and weight loss. Chappell JE, et al. **Am J Clin Nutr** 1985 Jul;42(1):49–56

The possible role of endogenous amphiphiles in the membrane abnormalities of ischemic and reperfused myocardium. Messineo FC. **Am J Emerg Med** 1983 Sep;1(2):162–7

Level of satiety: fatty acid and glucose metabolism in three brain sites associated with feeding. Kasser TR, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):R447–52

Prostanoids and cancer. Bennett A. **Ann Clin Res** 1984;16(5–6):314–7 (9 ref.)

Prostanoids in neonatology. Kääpä P. **Ann Clin Res** 1984;16(5–6):330–4 (26 ref.)

Effect of dietary factors on prostanoids. Koivistoinen P, et al. **Ann Clin Res** 1984;16(5–6):234–40 (47 ref.)

Prostanoids in gynaecology. Ylikorkala O. **Ann Clin Res** 1984;16(5–6):324–9 (55 ref.)

Effect of ethanol on liver triglycerides and fatty acid composition in the golden Syrian hamster. Cunnane SC, et al. **Ann Nutr Metab** 1985;29(4):246–52

Fatty acid chain elongation by microsomal enzymes from the bovine meibomian gland. Anderson GJ, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):177–85

Developmental changes in the activities of peroxisomal and mitochondrial beta–oxidation in chicken liver. Ishii H, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):151–9

Ammonium inhibition of fatty acid oxidation in rat liver mitochondria. A possible cause of fatty liver in Reye's syndrome and urea cycle defects. Maddaiah VT. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):565–70

Peroxisomal beta–oxidation enzyme proteins in the Zellweger syndrome. Tager JM, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1269–75

Stimulation of fatty acid release in glioblastoma cells by caffeine. Jeng I, et al. **Biochem Int** 1984 Nov;9(5):631–5

Participation of endogenous fatty acids in the secretory activity of the pancreatic B–cell. Malaisse WJ, et al. **Biochem J** 1985 May 1;227(3):995–1002

Oxidative metabolism of long–chain fatty acids in mitochondria from sheep and rat liver. Evidence that sheep conserve linoleate by limiting its oxidation. Reid JC, et al. **Biochem J** 1985 Jan 1;225(1):233–7

Two mechanisms produce tissue–specific inhibition of fatty acid oxidation by oxfenicine. Stephens TW, et al. **Biochem J** 1985 Apr 15;227(2):651–60

Effects of 2[5(4–chlorphenyl)pentyl]oxirane–2–carboxylate on fatty acid synthesis and fatty acid oxidation in isolated rat hepatocytes. Agius L, et al. **Biochem Pharmacol** 1985

Aug 1;34(15):2651-4
Effects of sodium 2-[5-(4-chlorophenyl)pentyl]-oxirane-2-carboxylate (POCA) on carbohydrate and fatty acid metabolism in liver and muscle. Schudt C, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3357-62
Effect of 4-(4'-chlorobenzyloxy)benzyl nicotinate (KCD-232) on triglyceride and fatty acid metabolism in rats. Yagasaki K, et al. **Biochem Pharmacol** 1984 Oct 15; 33(20):3151-63
Partial purification of molecular weight 12 000 fatty acid binding proteins from rat brain and their effect on synaptosomal Na+-dependent amino acid uptake. Bass NM, et al. **Biochemistry** 1984 Dec 18;23(26):6539-44
Bovine serum albumin: characterization of a fatty acid binding site on the N-terminal peptic fragment using a new spin-label. Hsia JC, et al. **Biochemistry** 1984 Dec 4; 23(25):5930-2
Amphipathic lipid-bound protein antigens in mouse bladder carcinomas detected by a monoclonal antibody. Kohwi Y, et al. **Biochemistry** 1984 Dec 4;23(25):5945-50
The specificity of triacylglycerol synthesis for medium-chain fatty acids in rat and human adipose preparations. Brandes R, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):63-6
Variations in dietary triacylglycerol saturation alter the lipid composition and fluidity of rat intestinal plasma membranes. Brasitus TA, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):460-72
Onset of changes in phospholipid fatty acid composition and prostaglandin synthesis following dietary manipulation with n-6 and n-3 fatty acids in the rat. Croft KD, et al. **Biochim Biophys Acta** 1985 May 17;834(3):316-23
Transport of fatty acids across the membrane of human erythrocyte ghosts. Morand O, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):68-76
A unique cardiac cytosolic acyltransferase with preferential selectivity for fatty acids that form cyclooxygenase/lipoxygenase metabolites and reverse essential fatty acid deficiency. Needleman P, et al. **Biochim Biophys Acta** 1985 Sep 11;836(2):267-73
Phospholipid fatty acids in brains of normal sheep and sheep with ceroid-lipofuscinosis. Palmer DN, et al. **Biochim Biophys Acta** 1985 Apr 25;834(2):159-63
Mitochondrial phospholipid composition and microviscosity in myocardial ischaemia. Victor T, et al. **Biochim Biophys Acta** 1985 Apr 25;834(2):215-23
Separate effects of fatty acid oxidation and glucagon on gluconeogenesis in isolated hepatocytes from newborn pigs. Duée PH, et al. **Biol Neonate** 1985;47(2):77-83
Fatty acid and triacylglycerol metabolism. Brindley DN. **Br J Clin Pract [Symp Suppl]** 1984;31:58-62
Defects of metabolism of fatty acids in the sudden infant death syndrome. Howat AJ, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1771-3
Evaluation of the fatty acid selectivity of a phosphatidylinositol-specific cytosolic phospholipase C from pig and human platelets. Holub BJ, et al. **Can J Biochem Cell Biol** 1984 Feb-Mar;62(2-3):115-20
Studies on the uptake of fatty acids by brush border membranes of the rabbit intestine. Proulx P, et al. **Can J Biochem Cell Biol** 1985 Apr;63(4):249-56
Intestinal uptake of hexoses and fatty acids in tumor-bearing rats. Thomson AB, et al. **Cancer Res** 1985 Apr; 45(4):1479-82
Efflux of metabolized and nonmetabolized fatty acid from canine myocardium. Implications for quantifying myocardial metabolism tomographically. Fox KA, et al. **Circ Res** 1985 Aug;57(2):232-43
Metabolic fate of radioiodinated heptadecanoic acid in the normal canine heart. Visser FC, et al. **Circulation** 1985 Sep; 72(3):565-71
Effects of dietary fish oil supplementation on the fatty acid composition of the human platelet membrane: demonstration of selectivity in the incorporation of eicosapentaenoic acid into membrane phospholipid pools. Galloway JH, et al. **Clin Sci** 1985 Apr;68(4):449-54
Effect of norepinephrine on ketogenesis, fatty acid oxidation, and esterification in isolated rat hepatocytes. Oberhaensli RD, et al. **Diabetes** 1985 Aug;34(8):774-9
Identification of mucus glycoprotein fatty acyltransferase activity in human gastric mucosa. Liau YH, et al. **Digestion** 1985;32(1):57-62
Two classes of fatty acid acylated proteins exist in eukaryotic cells. Magee AI, et al. **EMBO J** 1985 May;4(5):1137-44
Effects of hydroxyeicosatetraenoic acids on fatty acid esterification in phospholipids and insulin secretion in pancreatic islets. Laychock SG. **Endocrinology** 1985 Sep; 117(3):1011-9
Regulation of lipases involved in the supply of substrate fatty acids for the heart. Stam H, et al. **Eur Heart J** 1985 Feb; 6(2):158-67
Biosynthesis of enzymes of rat-liver mitochondrial beta-oxidation. Ozasa H, et al. **Eur J Biochem** 1984 Nov 2;144(3):453-8
Modulation of chloroplast membrane lipids by homogeneous catalytic hydrogenation. Vigh L, et al. **Eur J Biochem** 1985 Mar 15;147(3):477-81
Modulation of membrane fluidity in living protoplasts of Nicotiana plumbaginifolia by catalytic hydrogenation. Vigh L, et al. **Eur J Biochem** 1985 Jan 15;146(2):241-4
Decrease of fatty acid oxidation, ketogenesis and gluconeogenesis in isolated perfused rat liver by phenylalkyl oxirane carboxylate (B 807-27) due to inhibition of CPT I (EC 2.3.1.21). Wolf HP, et al. **Eur J Biochem** 1985 Jan 15;146(2):359-63
The myocardial elimination rate of radioiodinated heptadecanoic acid. Visser FC, et al. **Eur J Nucl Med** 1985; 10(3-4):118-22
Enzymatic reduction of fatty acids and acyl-CoAs to long chain aldehydes and alcohols. Riendeau D, et al. **Experientia** 1985 Jun 15;41(6):707-13 (106 ref.)
Diacylglycerol lipase activity in human platelet intracellular and surface membranes. Some kinetic properties and fatty acid specificity. Authi KS, et al. **FEBS Lett** 1985 Jan 21; 180(1):95-101
3-Hydroxyacyl-CoA epimerase is a peroxisomal enzyme and therefore not involved in mitochondrial fatty acid oxidation. Chu CH, et al. **FEBS Lett** 1985 Jun 3; 185(1):129-34
Thioridazine: a selective inhibitor of peroxisomal beta-oxidation in vivo. Van den Branden C, et al. **FEBS Lett** 1985 Aug 5;187(2):331-3
Fatty acid-mediated disaggregation of acetyl-CoA carboxylase in isolated liver cells. Clarke SD, et al. **Fed Proc** 1985 May;44(8):2458-62 (20 ref.)
Fatty acid metabolism and ketone formation in the suckling rat. Wells MA. **Fed Proc** 1985 Apr;44(7):2365-8 (19 ref.)
Studies on hereditary retinal degeneration. The rd gene in the mouse. Cagianut B, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(1):16-22
Changes in serum influence the fatty acid composition of established cell lines. Stoll LL, et al. **In Vitro** 1984 Sep; 20(9):732-8
Intracellular fatty acid-binding proteins. Glatz JF, et al. **Int J Biochem** 1985;17(1):13-22 (119 ref.)
The effects of physiological state and plane of nutrition on the concentrations of microsomal cytochromes and the omega-oxidation of fatty acids in various tissues of the sheep (Ovis aries). Hare WR, et al. **Int J Biochem** 1985; 17(4):455-62
Fatty acid mobilization to 2-deoxyglucose is blocked by globus pallidus lesions. Gunion MW, et al. **J Auton Nerv Syst** 1984 Sep;11(2):161-71
Cloning and characterization of a gene (fadR) involved in regulation of fatty acid metabolism in Escherichia coli. DiRusso CC, et al. **J Bacteriol** 1985 Feb;161(2):583-8
Inducible beta-oxidation pathway in Neurospora crassa. Kionka C, et al. **J Bacteriol** 1985 Jan;161(1):153-7
Induction of peroxisomal beta-oxidation enzymes in primary cultured rat hepatocytes by clofibric acid. Ozasa H, et al. **J Biochem (Tokyo)** 1985 May;97(5):1273-8
Subterminal hydroxylation of fatty acids by a cytochrome P-450-dependent enzyme system from a fungus, Fusarium oxysporum. Shoun H, et al. **J Biochem (Tokyo)** 1985 Mar; 97(3):755-63
Long-chain fatty acid transport in Escherichia coli. Cloning, mapping, and expression of the fadL gene. Black PN, et al. **J Biol Chem** 1985 Feb 10;260(3):1780-9
O2-triggered changes of membrane fatty acid composition have no effect on Arrhenius discontinuities of respiration in sycamore (Acer pseudoplatanus L.) cells. Bligny R, et al. **J Biol Chem** 1985 Aug 5;260(16):9166-70
Fatty acid transfer between multilamellar liposomes and fatty acid-binding proteins. Brecher P, et al. **J Biol Chem** 1984 Nov 10;259(21):13395-401
The relationship between valinomycin-induced alterations in membrane phospholipid fatty acid turnover, membrane potential, and cell volume in the human erythrocyte. Dise CA, et al. **J Biol Chem** 1985 Mar 10;260(5):2869-74
Suppression of a thioesterase gene expression and the disappearance of short chain fatty acids in the preen gland of the mallard duck during eclipse, the period following postnuptial molt. Kolattukudy PE, et al. **J Biol Chem** 1985 Sep 5;260(19):10789-93
Expression of a mammalian fatty acid-binding protein in Escherichia coli. Lowe JB, et al. **J Biol Chem** 1984 Oct 25;259(20):12696-704
Specificity of fatty acid acylation of cellular proteins. Olson EN, et al. **J Biol Chem** 1985 Mar 25;260(6):3784-90
Fatty acyl-AMP as an intermediate in fatty acid reduction to aldehyde in luminescent bacteria. Rodriguez A, et al. **J Biol Chem** 1985 Jan 25;260(2):771-4
3-Mercaptopropionic acid, a potent inhibitor of fatty acid oxidation in rat heart mitochondria. Sabbagh E, et al. **J Biol Chem** 1985 Jun 25;260(12):7337-42
Androsterone long chain fatty acid esters in human breast cyst fluid. Raju U, et al. **J Clin Endocrinol Metab** 1985 May;60(5):940-6
Identification, isolation, and partial characterization of a fatty acid binding protein from rat jejunal microvillous membranes. Stremmel W, et al. **J Clin Invest** 1985 Mar; 75(3):1068-76
Transfer of fatty acid across the cat placenta. Elphick MC, et al. **J Dev Physiol** 1984 Dec;6(6):517-25
Disturbed very long chain (C24-C26) fatty acid pattern in fibroblasts of patients with Zellweger's syndrome. Govaerts L, et al. **J Inherited Metab Dis** 1985;8(1):5-8
Normobaric hyperoxia in vivo inhibits fatty acid incorporation into sheep erythrocyte phospholipid in vitro. Dise CA, et al. **J Lab Clin Med** 1985 Jan;105(1):89-93
Interactions between fatty acid synthesis, oxidation, and esterification in the production of triglyceride-rich lipoproteins by the liver. Fukuda N, et al. **J Lipid Res** 1984 Aug;25(8):831-42
Structure of zonulae occludentes and the permeability of the epithelium to short-chain fatty acids in the proximal and the distal colon of guinea pig. Luciano L, et al. **J Membr Biol** 1984;82(2):145-56
Metabolic turnover of fatty acids and acylglycerols in rat sciatic nerve. Yao JK. **J Neurochem** 1985 Aug;45(2):589-95
Fatty acid composition of the testes of zinc-deficient rats: the effect of docosapentaenoic acid supplementation. Chanmugam P, et al. **J Nutr** 1984 Nov;114(11):2073-9
Effect of alpha-tocopherol on lipid peroxidation and acyl chain mobility of liver microsomes from vitamin E-difficient rat. Ohki K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Jun;30(3):221-34
Relative absorption of tryptophan ethyl ester amide derivatives with various fatty acid chains in the dog. Tse FL, et al. **J Pharm Pharmacol** 1984 Sep;36(9):633-6
Schizophreniform psychosis and adrenomyeloneuropathy. James AC, et al. **J R Soc Med** 1984 Oct;77(10):882-4
Susceptibility of mammary tumor cells to complement-mediated cytolysis after in vitro or in vivo fatty acid manipulation. Erickson KL, et al. **JNCI** 1985 Aug;75(2):333-40
The fatty acid composition of red cells deficient in glucose-6-phosphate dehydrogenase and their susceptibility to lipid peroxidation. Clemens MR, et al. **Klin Wochenschr** 1985 Jul 1;63(13):578-82
Pulmonary lipid peroxides and fatty acids of rats fed different lipids and exposed to oxygen at hyperbaric pressure. Alam SQ, et al. **Lipids** 1985 Apr;20(4):248-51
Incorporation of trans fatty acids into submandibular salivary gland lipids. Alam SQ, et al. **Lipids** 1985 Jan;20(1):16-23
Phospholipid studies of marine organisms: new branched fatty acids from Strongylophora durissima. Dasgupta A, et al. **Lipids** 1984 Oct;19(10):768-76
Serum lipids and fatty acids composition of tissues in rats on total parenteral nutrition (TPN). Martins FM, et al. **Lipids** 1984 Oct;19(10):728-37
Fatty acid composition of phospholipids and neutral lipids during embryonic and early larval development in Atlantic herring (Clupea harengus, L.). Tocher DR, et al. **Lipids** 1985 Feb;20(2):69-74
Fatty acid metabolism in adipose tissue of aging mice after direct tracer injection into fat pads. Baker N, et al. **Mech Ageing Dev** 1984 Oct 31;27(3):295-313
Fatty acid composition of liver and adipose tissue lipids in Wistar rats with fat diet-induced obesity. Völcker CE, et al. **Nahrung** 1985;29(6):577-83
Adrenoleukodystrophy: abnormality of 'tightly bound' fatty acids in the erythrocyte membrane proteins. Antoku Y, et al. **Neurology** 1985 Oct;35(10):1512-4
Adrenoleukodystrophy: abnormality of very long-chain fatty acids in erythrocyte membrane phospholipids. Antoku Y, et al. **Neurology** 1984 Nov;34(11):1499-1501
Lipid intermediates in chronically volume-overloaded rat hearts. Effect of diffuse ischemia. Bowe C, et al. **Pflugers Arch** 1984 Nov;402(3):317-20
Developmental fatty acid changes in different parts of the rat brain. Smídová L, et al. **Physiol Bohemoslov** 1984; 33(5):427-36
Fatty acid compositions of triacylglycerols and phospholipids in hen liver lipid before and after sexual maturity. Fujii M, et al. **Poult Sci** 1985 Jul;64(7):1371-6
Isolation and partial characterization of a fatty acid binding protein in rat liver plasma membranes. Stremmel W, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):4-8
The effects of streptozotocin diabetes and of dietary protein content on the composition and metabolism of testicular lipids. Wilder PJ, et al. **Proc Soc Exp Biol Med** 1984 Dec; 177(3):399-405
Beta-adrenoceptor desensitization in the lung. A phenomenon related to prostanoids. Omini C, et al. **Prog Biochem Pharmacol** 1985;20:63-73 (28 ref.)
Reduction in thromboxane formation by n-3 fatty acids enriched lung microsomes from rat and guinea pig following the ingestion of dietary menhaden oil. Lokesh BR, et al. **Prostaglandins Leukotrienes Med** 1984 Sep; 15(3):337-48
Fatty acid oxidation and ketogenesis during development. Girard J, et al. **Reprod Nutr Dev** 1985;25(1B):303-19 (111 ref.)
Effects of dietary lipid level on ketonemia and other plasma parameters related to glucose and fatty acid metabolism in the rabbit during fasting. Jean-Blain C, et al. **Reprod Nutr Dev** 1985;25(2):345-53
Incorporation in vitro of 14C fatty acids into bovine sebaceous gland and dermal lipids. McMaster JD, et al. **Res Vet Sci** 1985 May;38(3):341-5
Regional myocardial substrate uptake in hypertensive rats: a quantitative autoradiographic measurement. Yonekura Y, et al. **Science** 1985 Mar 22;227(4693):1494-6
Enhanced peroxisomal beta-oxidation of fatty acids and glutathione metabolism in rats exposed to phenoxyacetic acids. Hietanen E, et al. **Toxicology** 1985 Feb;34(2):103-11
Dietary deprivation of linolenic acid in rhesus monkeys: effects on plasma and tissue fatty acid composition and on visual function. Connor WE, et al. **Trans Assoc Am Physicians** 1984;97:1-9
[Anatomopathological data on a case of myocardiopathy with defective fatty acid oxidation] Roth A, et al. **Arch Anat Cytol Pathol** 1985;33(1):50-4 (Eng. Abstr.) (Fre)
[Lipid peroxidation in human and experimental

atherosclerosis] Loeper J, et al. **Bull Acad Natl Med (Paris)** 1984 Jan–Feb;168(1–2):91–7 (Eng. Abstr.) (Fre)

[Fatty acids in normal and pathological stratum corneum of humans] Massengo T, et al. **C R Soc Biol (Paris)** 1984; 178(4):481–6 (Eng. Abstr.) (Fre)

[Placental fatty acids in the guinea pig during pregnancy] Naegelen J, et al. **C R Soc Biol (Paris)** 1984;178(4):474–80 (Eng. Abstr.) (Fre)

[Development of hepatic fatty acid metabolism in the rat during weaning] Decaux JF, et al. **Reprod Nutr Dev** 1985; 25(1B):329–30 (Fre)

[Biological effect of hydrated and esterified fats] Scher A. **Bibl Nutr Dieta** 1985;(34):94–109 (Ger)

[Morphology of the rumen mucosa and fatty acid absorption in cattle—important factors for health and production] Dirksen G, et al. **Zentralbl Veterinarmed [A]** 1984 Jul; 31(6):414–30 (Eng. Abstr.) (Ger)

[Correlation between medium C-chain fatty acids and polyunsaturated fatty acids] Caponnetto A, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2131–4 (Eng. Abstr.) (Ita)

[Effect of levorin and its combination with a modifying factor on the fatty acid composition of Crithidia oncopelti lipids] Chuenkova MV, et al. **Antibiot Med Biotekhnol** 1985 May; 30(5):344–8 (Eng. Abstr.) (Rus)

[Fatty acid composition of individual phospholipids in skeletal muscle at different insulin levels in the rat] Isaev EI, et al. **Biokhimiia** 1984 Oct;49(10):1686–9 (Eng. Abstr.) (Rus)

[Reasons for disorders of fatty acid oxidation in isolated heart mitochondria during ischemia] Balasiavichius RV, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):294–6 (Eng. Abstr.) (Rus)

[Intracellular transformation of fatty acids into glycogen in alloxan diabetic rats, based on electron autoradiographic data] Lebkova NP, et al. **Biull Eksp Biol Med** 1984 Dec; 98(12):734–6 (Eng. Abstr.) (Rus)

[Mechanism of ischemic disorders of fatty acid oxidation in heart mitochondria] Tolelkis AI. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1985;8(1):43–50 (Eng. Abstr.) (Rus)

[Fatty acid composition and lipid peroxidation in brain microsomes of albino rats with alloxan diabetes] Martikian AR, et al. **Vopr Med Khim** 1985 May–Jun;31(3):86–7 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Modulation of histamine release by fatty acids. A new in vitro model investigating adverse drug reactions in various species. Ennis M, et al. **Ann Fr Anesth Reanim** 1985; 4(2):124–8

Growth of group IV mycobacteria on medium containing various saturated and unsaturated fatty acids. Saito H, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):164–9

Effects of continuous long-term intravenous infusion of long-chain fatty acids on feeding behaviour and blood components of adult sheep. Vandermeerschen-Doizé F, et al. **Appetite** 1984 Jun;5(2):137–46

Insulin-like stimulation of glucose transport in isolated adipocytes by fatty acids. Joost HG, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1358–63

The effect of body weight and the fatty acid-oxidation inhibitor 2-tetradecylglycidic acid on pyruvate dehydrogenase complex activity in mouse heart. Caterson ID, et al. **Biochem J** 1984 Dec 15;224(3):787–91

Activation of the multicatalytic proteinase from rat skeletal muscle by fatty acids or sodium dodecyl sulphate. Dahlmann B, et al. **Biochem J** 1985 May 15;228(1):171–7

Fatty acid stimulated N-demethylation of 1,2-dimethylhydrazine and tetramethylhydrazine by rat colonic mucosa. Craven PA, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3101–6

Antagonism of prostaglandin-mediated responses in platelets and vascular smooth muscle by 13-azaprostanoic acid analogs. Evidence for selective blockade of thromboxane A2 responses. Huzoor-Akbar, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):641–7

Role of fatty acid structure in the reversible activation of phosphatidylcholine synthesis in lymphocytes. Anderson KE, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):360–8

Fatty acid incorporation increases the affinity of muscarinic cholinergic receptors for agonists. Baron B, et al. **Biochim Biophys Acta** 1984 Oct 16;801(3):342–50

The effect of bezafibrate and long-chain fatty acids on peroxisomal activities in cultured rat hepatocytes. Hertz R, et al. **Biochim Biophys Acta** 1985 Sep 11;836(2):192–200

Action of phospholipase A2 on bilayers. Effect of fatty acid and lysophospholipid additives on the kinetic parameters. Jain MK, et al. **Biochim Biophys Acta** 1985 Apr 11; 814(2):313–8

Calcium translocation by fatty acid derivatives in a two-phase partition model. Structure-activity relationships. Kim RS, et al. **Biochim Biophys Acta** 1985 Mar 6;833(3):386–95

The role of fatty acids in the regulation of brush-border Ca2+ transport. Kreutter D, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):261–6

Effect of dietary (n—3) fatty acids on platelet function and lipid metabolism in rats. Nordøy A, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):491–500

Analysis of the effects of fatty acids and related compounds on the synthesis of phosphatidylcholine in lymphocytes. Whitlon DS, et al. **Biochim Biophys Acta** 1985 Jul 9; 835(2):369–77

Cerulenin inhibition of lipid synthesis and its reversal by exogenous fatty acids in Mycobacterium smegmatis ATCC 607. Mahajan S, et al. **Can J Biochem Cell Biol** 1985 Feb; 63(2):85–90

Cytotoxic effects of culture supernatants of oral bacteria and various organic acids on Vero cells. Grenier D, et al. **Can J Microbiol** 1985 Mar;31(3):302–4

Fatty acid-stimulated oxidation of methylazoxymethanol by rat colonic mucosa. Craven PA, et al. **Cancer Res** 1985 Mar;45(3):1115–21

Control of growth, morphology, and alkaline phosphatase activity by butyrate and related short-chain fatty acids in the retinoid-responsive 9-1C rat prostatic adenocarcinoma cell. Reese DH, et al. **Cancer Res** 1985 May;45(5):2308–13

Influence of blood proteins on biomedical analysis. VII. Electrophoretic analysis of the interaction of pseudocholinesterase with fatty acid and/or human serum albumin. Sakoguchi T, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3273–6

Calcium ionophore activity of intestinal secretory compounds. An in vitro porcine model for the effects of bile acids, hydroxy-fatty acids and dioctyl sulfosuccinate. Maenz DD, et al. **Digestion** 1984;30(3):138–50

Alcohol and fatty acid stimulation of neurotensin release from rat small intestine. Ferris CF, et al. **Endocrinology** 1985 Mar;116(3):1133–8

Anticonvulsant activity of the mixed fatty acids of Elaeocarpus ganitrus roxb. (Rudraksh). Dasgupta A, et al. **Indian J Physiol Pharmacol** 1984 Jul–Sep;28(3):245–6

Involvement of autolysin in cellular lysis of Bacillus subtilis induced by short- and medium-chain fatty acids. Tsuchido T, et al. **J Bacteriol** 1985 Apr;162(1):42–6

The regulation of peroxisomal enzyme systems of Tetrahymena pyriformis by fatty acid composition, glucose and oxygen in the medium. Takei M, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1631–6

Exogenous sn-1,2-diacylglycerols containing saturated fatty acids function as bioregulators of protein kinase C in human platelets. Lapetina EG, et al. **J Biol Chem** 1985 Feb 10; 260(3):1358–61

Effects of fatty acids on Na+-Ca2+ exchange and Ca2+ permeability of cardiac sarcolemmal vesicles. Philipson KD, et al. **J Biol Chem** 1985 Aug 15;260(17):9666–71

Modulation of 1,25-dihydroxyvitamin D3 receptor by phospholipids and fatty acids. Chen TC, et al. **J Lipid Res** 1984 Dec 1;25(12):1306–12

Comparison of effects of dietary saturated, monounsaturated, and polyunsaturated fatty acids on plasma lipids and lipoproteins in man. Mattson FH, et al. **J Lipid Res** 1985 Feb;26(2):194–202

Influence of dietary fatty acid concentration and geometric configuration on murine mammary tumorigenesis and experimental metastasis. Erickson KL, et al. **J Nutr** 1984 Oct;114(10):1834–42

Comparative study of the atherogenecity of dietary trans, saturated and unsaturated fatty acids on swine coronary arteries. Toda T, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Apr;31(2):233–41

Morphological and biochemical effects of sodium morrhuate on tendons. Maynard JA, et al. **J Orthop Res** 1985; 3(2):236–48

Effect of fatty acids and alcohols on the penetration of acyclovir across human skin in vitro. Cooper ER, et al. **J Pharm Sci** 1985 Jun;74(6):688–9

Comparison of antispasmodic effect of synthetic lysolecithins with various fatty acid moieties on guinea pig ileum. Tsukatani H, et al. **J Pharmacobiodyn** 1984 Jun;7(6):400–6

Effects of acetylcholine and short-chain fatty acids on acinar cells of the exocrine pancreas in sheep. Katoh K, et al. **J Physiol (Lond)** 1984 Nov;356:479–89

Large intestinal carcinogenesis. I. Promotional effect of dietary fatty acid isomers in the rat model. Hogan ML, et al. **JNCI** 1984 Dec;73(6):1293–6

The effects of trans fatty acids on fatty acyl delta 5 desaturation by human skin fibroblasts. Rosenthal MD, et al. **Lipids** 1984 Nov;19(11):869–74

Dietary omega-3 fatty acids prevent carbohydrate-induced hypertriglyceridemia. Harris WS, et al. **Metabolism** 1984 Nov;33(11):1016–9

Bactericidal effect of fatty acids on mycobacteria, with particular reference to the suggested mechanism of intracellular killing. Kanetsuna F. **Microbiol Immunol** 1985; 29(2):127–41

A study of the activity of soft soaps prepared from a homologous series of saturated fatty acids against cells of Escherichia coli NCTC 9001. Lamikanra A, et al. **Microbios** 1984;41(165–166):139–47

Effect of valproate on brain GABA: comparison with various medium chain fatty acids. Keane PE, et al. **Pharmacol Res Commun** 1985 Jun;17(6):547–55

Long-term effect on the immune status of defined diets during the early postnatal period in the rat. Stěpánková R, et al. **Physiol Bohemoslov** 1985;34(1):49–61

Response of laying hens to dietary saturated and unsaturated fatty acids in the presence of varying dietary calcium levels. Atteh JO, et al. **Poult Sci** 1985 Mar;64(3):520–8

Nonprotein sulfhydryls as possible components of the protective effect of rosaprostol on the rat gastric mucosa. Fumagalli R, et al. **Prostaglandins** 1985 Mar;29(3):467–74

Sex differences in platelet thromboxane and arterial prostacyclin production in control and n-6 fatty acid supplemented rats. Giani E, et al. **Prostaglandins** 1984 Oct; 28(4):573–86

Sedation produced by prostaglandins is not a nonspecific fatty acid effect. Holingsworth EB, et al. **Psychopharmacology (Berlin)** 1984;84(3):423–5

Effects of secretagogues on membrane potential and input resistance of pancreatic acinar cells of sheep. Katoh K, et al. **Res Vet Sci** 1985 Mar;38(2):250–1

[Further observations of the inhibitory effect of the disodium salt of 9-hydroxy-8,12-trans-19,20-bis-norprostanoic acid (rosaprostol) on gastric secretion] Adami M, et al. **Farmaco [Prat]** 1984 Nov;39(11):409–16 (Eng. Abstr.) (Ita)

PHYSIOLOGY

Regulatory mechanisms of fatty acid isomers on adenylate cyclase activity from Ceratitis capitata brain. Guillén A, et al. **Mol Cell Biochem** 1984 Nov;65(1):83–8

Prostanoid modulation (mediation?) of certain behavioral effects of ethanol. Segarnick DJ, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):71–5

[Relations between the inhibition and stimulation of microorganism growth and the composition of sebum] Basta M, et al. **Przegl Epidemiol** 1984;38(4):369–76 (Eng. Abstr.) (Pol)

RADIATION EFFECTS

[Effect of ionizing radiation on the lipid fatty acid composition of the plasma membranes of liver cells] Balakhchi TA, et al. **Radiobiologiia** 1985 May–Jun; 25(3):397–9 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

Prevention of the metabolic effects of 2-tetradecylglycidate by octanoic acid in the genetically diabetic mouse (db/db). Lee SM, et al. **Biochem Med** 1985 Feb;33(1):104–9

Effects on the serum lipoprotein concentrations by lipid-lowering diets with different fatty acid composition. Gustafsson IB, et al. **J Am Coll Nutr** 1985;4(2):241–8

Decrease of valproate-induced hyperammonemia in normal subjects by lipid ingestion. Warter JM, et al. **J Neurol Sci** 1985 Jul;69(3):285–90

The effects of 9-hydroxy-19,20-bis-norprostanoic acid on mucus, acid and gastrin secretion in duodenal ulcer patients. Foschi D, et al. **Prostaglandins Leukotrienes Med** 1984 Aug; 15(2):147–52

[Late results following sclerotherapy of varicocele] Bach D, et al. **Urologe [Ausg A]** 1984 Nov;23(6):338–41 (Eng. Abstr.) (Ger)

FATTY ACIDS, ESSENTIAL

ADMINISTRATION & DOSAGE

Alterations in cerebral and microvascular prostaglandin synthesis by manipulation of dietary essential fatty acids. Brown ML, et al. **J Neurochem** 1984 Nov;43(5):1392–400

Effect of moderate diet enrichment with essential unsaturated fatty acids (EFA) on lipid metabolism parameters and blood pressure. Ziemlański S. **Mater Med Pol** 1984 Apr–Dec; 16(2–4):105–7

[Effects of the essential fatty acid content of the diet on the distribution of polyunsaturated fatty acids in the lipoproteins of the rat pup] Nouvelot A, et al. **Reprod Nutr Dev** 1985;25(1B):251–3 (Fre)

BLOOD

Vitamin E, vitamin A and essential fatty acid status of patients hospitalized for anorexia nervosa. Langan SM, et al. **Am J Clin Nutr** 1985 May;41(5):1054–60

Abnormal essential fatty acid levels in plasma of women with premenstrual syndrome. Brush MG, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):363–6

Essential fatty acids in diabetes and systemic lupus erythematosus (SLE) patients. Pottathil R, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):803–8

Precursor- and pool-dependent differential effects of ethanol on human platelet prostanoid synthesis. Segarnick DJ, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1343–6

Essential fatty acids in the plasma phospholipids of patients with leprosy. Wright S. **Br J Dermatol** 1985 Jun; 112(6):673–7

Fatty acid composition of plasma lipids in acrodermatitis enteropathica before and after zinc supplementation. Koletzko B, et al. **Eur J Pediatr** 1985 Mar;143(4):310–4

Essential fatty acid nutritional status in phrynoderma. Ghafoorunissa. **Indian J Med Res** 1984 Dec;80:663–9

Clinical application of the new HPLC method for fatty acid analysis. (1) Comparative nutritional assessment of enteral nutrients. Sato T, et al. **Nippon Geka Hokan** 1984 Mar 1; 53(2):378–94

DEFICIENCY

Uptake of radiolabelled alpha-linolenic, arachidonic and oleic acid in tissues of normal and essential fatty acid-deficient rats—an autoradiographic study. Becker W, et al. **Ann Nutr Metab** 1985;29(2):65–75

Can essential fatty acid deficiency predispose to AIDS?

[letter] Das UN. **Can Med Assoc J** 1985 Apr 15;132(8):900, 902

Leukotriene B formation by neutrophils from essential fatty acid-deficient rats. Stenson WF, et al. **J Biol Chem** 1984 Oct 10;259(19):11784-9

Effects of essential fatty acid deficiency and indomethacin on histologic, ultrastructural, and phagocytic responses of hepatic macrophages to glucan. Way CF, et al. **J Leukocyte Biol** 1985 Feb;37(2):137-50

The effect of a single oral dose of ethyl linoleate on urinary prostaglandin E2 excretion in essential fatty acid-deficient rats. Hansen HS, et al. **J Nutr** 1985 Jan;115(1):39-44

Development of hepatic steatosis and essential fatty acid deficiency in rats with hypercaloric, fat-free parenteral nutrition. Keim NL, et al. **J Nutr** 1984 Oct;114(10):1807-15

Early onset of essential fatty acid deficiency in patients with cystic fibrosis receiving a semisynthetic diet. Parsons HG, et al. **J Pediatr** 1984 Dec;105(6):958-61

Development of essential fatty acid deficiency in the premature infant given fat-free TPN. **Nutr Rev** 1985 Jan; 43(1):14-5 (10 ref.)

Intravenous lipid emulsions in the treatment of essential fatty acid deficiency: studies in young pigs. Andersen DW, et al. **Pediatr Res** 1984 Dec;18(12):1350-5

Reduced prostaglandin synthesis by renal and aortic tissues from adult rats fed essential fatty acid-deficient diet after food deprivation. Sakr HM, et al. **Prostaglandins Leukotrienes Med** 1985 May;18(2):183-92

Effectiveness of dietary essential fatty acid deficiency in development of a model of endogenous renal prostaglandin deficiency. Sinaiko AR, et al. **Prostaglandins Leukotrienes Med** 1985 Jul;19(1):87-98

Incidence of (n-3) essential fatty acid deficiency on trout reproductive processes. Leray C, et al. **Reprod Nutr Dev** 1985;25(3):567-81

The effects of essential fatty acid deficiency on pulmonary alveolar macrophage function. Balint JA, et al. **Trans Am Clin Climatol Assoc** 1984;96:67-78

IMMUNOLOGY

Nutrition and immunity: the immunoregulatory effect of n-6 essential fatty acids is mediated through prostaglandin E. Mertin J, et al. **Int Arch Allergy Appl Immunol** 1985; 77(4):390-5

METABOLISM

Metabolism of linoleic acid and other essential fatty acids in the epidermis of the rat. Nugteren DH, et al. **Biochim Biophys Acta** 1985 May 17;834(3):429-36

Essential fatty acids interconversion in the human fetal liver. Chambaz J, et al. **Biol Neonate** 1985;47(3):136-40

Effects of essential fatty acids on prostaglandin biosynthesis. Horrobin DF, et al. **Biomed Biochim Acta** 1984; 43(8-9):S114-20

On the essentiality of omega-3 polyunsaturated fatty acids. Rivers JP. **Br J Clin Pract [Symp Suppl]** 1984;31:100-10

Transport and metabolism of essential fatty acids by the human placenta. Kuhn DC, et al. **Contrib Gynecol Obstet** 1985;13:139-40

Zinc deficiency, reduced food intake and essential fatty acids [letter] Cunnane SC, et al. **J Nutr** 1985 Apr;115(4):500-3

Essential fatty acids in plasma, red blood cells and liver phospholipids in common laboratory animals as compared to humans. Horrobin DF, et al. **Lipids** 1984 Oct; 19(10):806-11

Essential fatty acids in tissue phospholipids and triglycerides of the zinc-deficient rat. Cunnane SC, et al. **Proc Soc Exp Biol Med** 1984 Dec;177(3):441-6

Essential fatty acids and cardiovascular disease [letter] Booyens J. **S Afr Med J** 1984 Oct 20;66(16):595

[Essential fatty acids in adipose tissue] Caponnetto A, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2127-9 (Eng. Abstr.) (Ita)

PHARMACODYNAMICS

Dietary modification of platelet and renal prostaglandins. Croft KD, et al. **Aust NZ J Med** 1984 Aug;14(4):448-52 (26 ref.)

Antibiotic-like action of essential fatty acids [letter] Das UN. **Can Med Assoc J** 1985 Jun 15;132(12):1350

The role of essential fatty acids and prostaglandins in cercarial penetration (Schistosoma mansoni). Salafsky B, et al. **J Parasitol** 1984 Oct;70(5):656-60

Effects of different dietary intake of essential fatty acids on C20:3 omega 6 and C20:4 omega 6 serum levels in human adults. Lasserre M, et al. **Lipids** 1985 Apr;20(4):227-33

Effect of diets containing varying concentrations of essential fatty acids and triglycerides on renal function in uremic rats and NZB/NZW F1 mice. Hirschberg R, et al. **Nephron** 1984;38(4):233-7

PHYSIOLOGY

The non-eicosanoid functions of the essential fatty acids. Mead JF. **J Lipid Res** 1984 Dec 15;25(13):1517-21

[Biochemistry and significance of prostaglandins, prostacyclins, thromboxanes and leukotrienes and the modification of their biosynthesis by essential fatty acids] Kolb E. **Z Gesamte Inn Med** 1985 Mar 15;40(6):165-72 (Eng. Abstr.) (Ger)

[Essential fatty acids for ectodermic organs] Caponnetto A, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1989-95 (Eng. Abstr.) (Ita)

THERAPEUTIC USE

Can essential fatty acid deficiency predispose to AIDS? [letter] Cutler P. **Can Med Assoc J** 1985 Jul 1;133(1):13

TOXICITY

Requirement of essential fatty acid for mammary tumorigenesis in the rat. Ip C, et al. **Cancer Res** 1985 May; 45(5):1997-2001

FATTY ACIDS, FREE see **FATTY ACIDS, NONESTERIFIED**

FATTY ACIDS, NONESTERIFIED

ANALYSIS

The effect of 'spreading depression' on nonesterified fatty acids in the brain structures. Sklenovský A, et al. **Acta Univ Palacki Olomuc Fac Med** 1985;108:141-9

Endogenous asymmetry of rat brain lipids and dominance of the right cerebral hemisphere in free fatty acid response to electroconvulsive shock. Ginóbili de Martínez MS, et al. **Brain Res** 1985 Jul 29;339(2):315-21

Free fatty acids in irradiated hake fillets. Quaranta HO, et al. **Int J Appl Radiat Isot** 1984 Sep;35(9):912-3

Free fatty acid microdetermination by gas-liquid chromatography without transmethylating effects of methylation procedure. Lefèvre G, et al. **J Biochem Biophys Methods** 1985 Aug;11(2-3):133-6

A new procedure to analyze free fatty acids. Application to 20-mg brain tissue samples. Allen KG, et al. **J Chromatogr** 1984 Jul 13;309(1):33-42

Circannual rhythm of free fatty acids and diacylglycerols in 5-day-old rat cerebrum during pentylenetetrazol-induced convulsions. Morelli de Liberti SA, et al. **J Neurochem** 1985 Oct;45(4):1055-61

Free fatty acids in the development of breast milk jaundice. Jalili F, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun; 4(3):435-40

Free fatty acid content of human milk: physiologic significance and artifactual determinants. Chappell JE, et al. **Lipids** 1985 Apr;20(4):216-21

[Use of a colorimetric method employing rhodamine 6G for determining the free fatty acid content in biological membranes] Nikitina GM, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):374-5 (Eng. Abstr.) (Rus)

BIOSYNTHESIS

Short-term regulation of acetyl CoA carboxylase: is the key enzyme in long-chain fatty acid synthesis regulated by an existing physiological mechanism? Abdel-Halim MN, et al. **Comp Biochem Physiol [B]** 1985;81(1):9-19 (101 ref.)

Formation of free fatty acid and ceramide during brain handling: lability of sphingomyelin. Deshmukh GD, et al. **J Neurochem** 1985 Apr;44(4):1152-5

BLOOD

Possible roles of insulin, glucagon, growth hormone and free fatty acids in the pathogenesis of insulin resistance of subjects with chronic liver diseases. Bonora E, et al. **Acta Diabetol Lat** 1984 Jul-Sep;21(3):241-50

Effects of short-term thyroxine treatment on pancreatic cytology and responses of blood sugar, serum insulin and serum free fatty acids to epinephrine infusion. Renauld A, et al. **Acta Diabetol Lat** 1984 Jul-Sep;21(3):219-34

Hemodialysis and cell toxicity in vitro related to plasma triglycerides, post-heparin lipolytic activity and free fatty acids. Wessel-Aas T, et al. **Acta Med Scand** 1984; 216(1):75-83

Tolerance of intravenously administered lipid in newborns. de Leeuw R, et al. **Acta Paediatr Scand** 1985 Jan;74(1):52-6

The influence of sustained release theophylline therapy on free fatty acids in serum. Walstad RA, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Mar;56(3):199-203

Studies on experimental coronary insufficiency. Effect of L-carnitine on myocardial ischemia produced by sympathetic-nerve stimulation with high plasma fatty acids. Iimura O, et al. **Adv Myocardiol** 1985;6:437-49

Monoamines and the effect of ethanol on corticosterone and non-esterified fatty acids. Brick J, et al. **Alcohol** 1985 Mar-Apr;2(2):261-5

Genetic differences in the effect of ethanol on plasma corticosterone and nonesterified fatty acid in rats. Pohorecky LA. **Alcoholism (NY)** 1984 Sep-Oct;8(5):500-4

Circulating free fatty acids, insulin, and glucose during chemical stimulation of hypothalamus in rats. Steffens AB, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):E765-71

Free fatty acid-induced hypocalcemia in food-deprived dairy cattle. Stevens JB, et al. **Am J Vet Res** 1984 Nov; 45(11):2448-50

Bioluminescent determination of free fatty acids. Kather H, et al. **Anal Biochem** 1984 Aug 1;140(2):349-53

Hepatic extraction of endogenous inhibitors of drug binding to serum protein in the pregnant rat. Yoshikawa T, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2733-9

Sex differences of normal dogs in lipid mobilization and blood glucose levels after glucose or insulin infusion. dos-Santos BP, et al. **Braz J Med Biol Res** 1984;17(3-4):335-40

Modified colorimetry of free fatty acids in plasma in the presence of valproic acid [letter] Coudé FX, et al. **Clin Chem** 1985 Jun;31(6):1101

Seasonal, genetic and age variation in non-esterified fatty acid concentrations in the ewe. Wheeler AG. **Comp Biochem Physiol [B]** 1984;79(2):157-60

Effect of increased levels of free fatty acids on the size of the ischaemic area. Pérez-Medina T, et al. **Cor Vasa** 1985; 27(1):87-91

Plasma catecholamine and free fatty acid levels during infusion of lipid emulsion in critically ill patients. Lindholm M, et al. **Crit Care Med** 1984 Nov;12(11):953-6

Acute effects of ethanol, caffeine, or both on platelet aggregation, thromboxane formation, and plasma-free fatty acids in normal subjects. Galli C, et al. **Drug Nutr Interact** 1984;3(1):61-7

Plasma FFA responses to prolonged walking in untrained men and women. Blatchford FK, et al. **Eur J Applied Physiol** 1985;53(4):343-7

Depression of serum calcium by increased plasma free fatty acids in the rat: a mechanism for hypocalcemia in acute pancreatitis. Warshaw AL, et al. **Gastroenterology** 1985 Oct;89(4):814-20

The influence of plasma free fatty acids and cholesterol on the aggregation of blood platelets in migraine patients. Kozubski W, et al. **Headache** 1985 Jun;25(4):199-203

The role of insulin, glucagon and growth hormone in the regulation of plasma glucose and free fatty acid levels in anorexia nervosa. Blickle JF, et al. **Horm Metab Res** 1984 Jul;16(7):336-40

Comparison of the effect of semisynthetic human insulin and porcine insulin on glucose kinetics, plasma free fatty acid and amino acid levels in man. Müller R, et al. **Horm Metab Res** 1984 Jun;16(6):271-4

Different acute in vivo effects of bacterial derived and pituitary growth hormone preparations on plasma levels of glucagon, insulin and free fatty acids in rabbits. Knudtzon J, et al. **Horm Res** 1985;21(1):10-8

Relationship between free fatty acids & protein binding of acetyl salicylic acid in rats. Kulkarni C, et al. **Indian J Med Res** 1984 Nov;80:594-7

Pattern of changes in plasma glucose, insulin & free fatty acids in Indian pregnant women. Yeshodhara P, et al. **Indian J Med Res** 1985 May;81:475-9

Free fatty acids and triglycerides in normoglycemic low birth weight newborns in early neonatal period. Misra PK, et al. **Indian J Pediatr** 1984 Nov-Dec;51(413):637-41

Blood and urinary magnesium, zinc, calcium, free fatty acids, and catecholamines in type A and type B subjects. Henrotte JG, et al. **J Am Coll Nutr** 1985;4(2):165-72

Metabolic effects of salbutamol in bronchial asthma. Gupta SC, et al. **J Assoc Physicians India** 1984 Jul;32(7):579-80

Reliable measurement of non-esterified long-chain fatty acid pattern in blood plasma. Borra C, et al. **J Chromatogr** 1984 Nov 9;311(1):9-15

Simultaneous separation and sensitive determination of free fatty acids in blood plasma by high-performance liquid chromatography. Tsuchiya H, et al. **J Chromatogr** 1984 Jul 13;309(1):43-52

Normal free fatty acid response to isoproterenol in pseudohypoparathyroidism. Carlson HE, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):382-4

Relationship between serum free fatty acids and thyroid hormone binding inhibitor in nonthyroid illnesses. Chopra IJ, et al. **J Clin Endocrinol Metab** 1985 May;60(5):980-4

Glucose kinetics, plasma metabolites, and endocrine responses during experimental ketosis in steers. Lyle RR, et al. **J Dairy Sci** 1984 Oct;67(10):2255-64

Erratum: values for plasma glycerol, FFA, and triglycerides [letter] Brans YW. **J Pediatr** 1984 Nov;105(5):855

Intestinal metabolism of plasma free fatty acids in streptozotocin diabetic rats. Renner F, et al. **Lipids** 1984 Nov;19(11):875-9

Regulation of somatostatin secretion in man: study of the role of free fatty acids and ketone bodies. Beylot M, et al. **Metabolism** 1984 Nov;33(11):988-93

Raphe lesions modify ethanol's effects on plasma corticosterone and NEFA. Brick J, et al. **Neuropharmacology** 1984 Aug;23(8):997-9

Uterine arterial and venous concentrations of glucose, lactate, ketones, free fatty acids, and oxygen in the awake pregnant guinea pig. Peeters LL, et al. **Pediatr Res** 1984 Nov; 18(11):1172-5

Comparative biochemical responses of rats to different stressful stimuli. Odio MR, et al. **Physiol Behav** 1985 Apr; 34(4):595-9

Plasma essential fatty acids in pure and mixed race American Indians on and off a diet exceptionally rich in salmon. Bates C, et al. **Prostaglandins Leukotrienes Med** 1985 Jan; 17(1):77-84

Physiological circulating levels of secretin-like immunoreactivity in the human do not stimulate free fatty acid production. Beringer TR, et al. **Regul Pept** 1984 Sep; 9(1-2):69-75

Determination of plasma non-esterified fatty acids in herbivores and man: a comparison of values obtained by manual or automatic chromatographic, titrimetric, colorimetric and enzymatic methods. Chilliard Y, et al. **Reprod Nutr Dev** 1984;24(4):469-82

Pulmonary arterial-venous differences in lipids and lipid metabolites. Zauner CW, et al. **Respiration** 1985;47(3):214-9

Enzymatic microdetermination of free fatty acids in plasma of animals using paraoxon to prevent lipolysis. Degen AJ, et al. **Scand J Clin Lab Invest** 1985 May;45(3):283–5

The effect of isolation on plasma cortisol, glucose and free fatty acids in sheep. Pierachala K, et al. **Zentralbl Veterinarmed** [A] 1985 Feb;32(2):140–5

[Enzymatic determination of nonesterified fatty acids in goat plasma] Bas P. **Ann Rech Vet** 1984;15(1):7–16 (Eng. Abstr.) (Fre)

[Modification of the level of glucose, insulin, free fatty acids and total alpha-amino-nitrogen in the blood plasma of sheep by intravenous infusion of glucose and fructose solution during full feeding and following a hunger period] Müller I, et al. **Arch Exp Veterinarmed** 1985 Mar; 39(2):268–81 (Eng. Abstr.) (Ger)

[Levels of fatty acids, glucose, fructose, lactate and total alpha-amino N in blood plasma of sows and piglets prior to colostrum uptake] Umbach R, et al. **Arch Exp Veterinarmed** 1984 Jul;38(4):583–607 (Eng. Abstr.) (Ger)

[Changes in plasma nonesterified fatty acids and blood glucose in the newborn infant in therapy with aminophylline] Zanardo V, et al. **Pediatr Med Chir** 1984 Mar–Apr;6(2):253–5 (Eng. Abstr.) (Ita)

[Free fatty acid levels of the blood of parturients as an indicator of energy metabolism in physiological labor] Brodziński W. **Ginekol Pol** 1984 May;55(5):359–64 (Eng. Abstr.) (Pol)

[Correlation between the concentration of free fatty acid, ECG aspects and left ventricular function in patients with primary dyslipemia] Popescu P, et al. **Rev Med Interna [Med Interna]** 1984 Jul–Aug;36(4):379–84 (Rum)

[Significance of free fatty acid levels in evaluating the severity of myocardial infarction and the efficacy of drug therapy] Borokhova IA. **Kardiologiia** 1984 Dec; 24(12):113–6 (66 ref.) (Rus)

[Dynamics of free fatty acids after a glucose load and the indices characterizing fatty tissue weight and function in acute myocardial infarct patients] Korochkin IM, et al. **Kardiologiia** 1984 Sep;24(9):34–9 (Eng. Abstr.) (Rus)

[Metabolic correction in acute complicated pneumonia in young children] Gadiuchenko PN. **Pediatriia** 1984 Aug; (8):29–33 (Eng. Abstr.) (Rus)

DIAGNOSTIC USE

Free fatty acid scintigraphy in patients with successful thrombolysis after acute myocardial infarction. Visser FC, et al. **Clin Nucl Med** 1985 Jan;10(1):35–9

ISOLATION & PURIFICATION

Separation of neutral lipids and free fatty acids by high-performance liquid chromatography using low wavelength ultraviolet detection. Hamilton JG, et al. **J Lipid Res** 1984 Oct;25(10):1142–8

METABOLISM

Alterations in adipocyte free fatty acid re-esterification associated with obesity and weight reduction in man. Leibel RL, et al. **Am J Clin Nutr** 1985 Aug;42(2):198–206

Free fatty acid accumulation in the pathogenesis and therapy of ischemic-anoxic brain injury. Nemoto EM, et al. **Am J Emerg Med** 1983 Sep;1(2):175–9

A radioisotopic technique for analysis of free fatty acid reesterification in human adipose tissue. Leibel RL, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E140–7

Influence of beta-hydroxybutyrate infusion on glucose and free fatty acid metabolism in dogs. Shaw JH, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):E756–64

Effect of sepsis on VLDL kinetics: responses in basal state and during glucose infusion. Wolfe RR, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E732–40

Glucose and FFA kinetics in sepsis: role of glucagon and sympathetic nervous system activity. Wolfe RR, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):E236–43

Mobilization of stored triglycerides from macrophages as free fatty acids. von Hodenberg E, et al. **Arteriosclerosis** 1984 Nov–Dec;4(6):630–5

Effect of beta-adrenergic stimulation on free fatty acid content in subepicardial and subendocardial layers of the dog heart in situ. Separation and assay by capillary gas chromatography. Al Makdessi S, et al. **Basic Res Cardiol** 1985 Mar–Apr;80(2):182–90

Preferential distribution of non-esterified fatty acids to phosphatidylcholine in the neonatal mammalian myocardium. Schroedl NA, et al. **Biochem J** 1984 Dec 1; 224(2):651–9

Rates of hydration of fatty acids bound to unilamellar vesicles of phosphatidylcholine or to albumin. Daniels C, et al. **Biochemistry** 1985 Jun 18;24(13):3286–92

Thermodynamic bases for fatty acid ethyl ester synthase catalyzed esterification of free fatty acid with ethanol and accumulation of fatty acid ethyl esters. Mogelson S, et al. **Biochemistry** 1984 Aug 28;23(18):4082–7

Decrease by cycloheximide of calcium binding and nonesterified fatty acids in rat-intestinal Golgi-enriched membrane fractions. Dasmahapatra A, et al. **Biochim Biophys Acta** 1985 Feb 28;813(1):19–24

Composition of phospholipids and free fatty acids and incorporation of labeled arachidonic acid in rabbit cornea. Comparison of epithelium, stroma and endothelium. Bazan HE, et al. **Curr Eye Res** 1984 Nov;3(11):1313–9

Mechanism of hyperglycemia and response to treatment with an inhibitor of fatty acid oxidation in a patient with insulin resistance due to antiinsulin receptor antibodies. Mandarino L, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):658–64

Multiple disturbances of free fatty acid metabolism in noninsulin-dependent diabetes. Effect of oral hypoglycemic therapy. Taskinen MR, et al. **J Clin Invest** 1985 Aug;76(2):637–44

Effect of insulin on free fatty acid uptake by hepatocytes in the duck. Gross R, et al. **J Endocrinol** 1984 Sep; 102(3):381–6

Inhibitory effects of the D(-)isomer of 3-hydroxybutyrate on cardiac non-esterified fatty acid uptake and oxygen demand induced by norepinephrine in the intact dog. Lammerant J, et al. **J Mol Cell Cardiol** 1985 Apr; 17(4):421–33

The content of non-esterified fatty acids in rat myocardial tissue. A comparison between the Dole and Folch extraction procedures. van der Vusse GJ, et al. **J Mol Cell Cardiol** 1985 May;17(5):527–31

The myocardial non-esterified fatty acid controversy. van der Vusse GJ, et al. **J Mol Cell Cardiol** 1984 Aug; 16(8):677–82

Myocardial tissue free fatty acids. Victor T, et al. **J Mol Cell Cardiol** 1984 Aug;16(8):709–21

Incorporation and distribution of 3H oleic acid in the isolated, perfused guinea-pig heart made hypoxic. Ward B, et al. **J Mol Cell Cardiol** 1984 Aug;16(8):765–70

Release of polyunsaturated fatty acids from phospholipids and alteration of brain membrane integrity by oxygen-derived free radicals. Chan PH, et al. **J Neurosci Res** 1984;12(4):595–605

Nicotinic acid, free fatty acids and myocardial function during coronary occlusion and reperfusion in the dog. Lamping KA, et al. **J Pharmacol Exp Ther** 1984 Dec; 231(3):532–8

Antiarrhythmic and myocardial metabolic effects of verapamil during coronary artery reperfusion. Kobayashi A, et al. **Jpn Circ J** 1985 Mar;49(3):316–24

The effects of dietary cholesterol on blood and liver polyunsaturated fatty acids and on plasma cholesterol in rats fed various types of fatty acid diet. Huang YS, et al. **Lipids** 1984 Sep;19(9):664–72

Response to glucose and lipid infusions in sepsis: a kinetic analysis. Shaw JH, et al. **Metabolism** 1985 May;34(5):442–9

Determination of myocardial FFA elimination rates by functional images of uncorrected half-time values. Visser FC, et al. **Nuklearmedizin** 1984 Dec;23(6):277–82

Effect of dietary depletion and repletion of linoleic acid on renal fatty acid composition and urinary prostaglandin excretion. Huang YS, et al. **Prostaglandins Leukotrienes Med** 1984 Aug;15(2):223–8

[Metabolism of long chain fatty acids in the normal and pathologic heart: effects of ischemia] Feuvray D, et al. **Diabete Metab** 1984 Dec;10(5):316–23 (57 ref.) (Eng. Abstr.) (Fre)

[Metabolism of fatty acids in the healthy myocardium and in ischemia] Matiushin IF, et al. **Vopr Med Khim** 1984 Sep–Oct;30(5):2–13 (156 ref.) (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

The effect of non-esterified long-chain fatty acids on blood flow and thermogenesis in brown adipose tissue in the young dog. Astrup A, et al. **Acta Physiol Scand** 1985 May; 124(1):81–5

The adaptation of the small intestine after resection in response to free fatty acids. Grey VL, et al. **Am J Clin Nutr** 1984 Dec;40(6):1235–42

Stimulation of the glycine cleavage system by short-chain fatty acids in isolated rat liver mitochondria. Hampson RK, et al. **Biochemistry** 1984 Sep 25;23(20):4604–10

Interrelationships and metabolic effects of fatty acids in the perfused rat liver at hyperthermic temperatures. Denor PF, et al. **Cancer Biochem Biophys** 1985 Jun;8(1):9–22

Long-chain fatty acids and their acyl-CoA esters cause the translocation of phosphatidate phosphohydrolase from the cytosolic to the microsomal fraction of rat liver. Martin-Sanz P, et al. **FEBS Lett** 1984 Oct 1;175(2):284–8

Inhibition of lymphocyte proliferation by free fatty acids. I. Differential effects on mouse B and T lymphocytes. Buttke TM. **Immunology** 1984 Oct;53(2):235–42

The effect of free fatty acids on growth hormone (GH)-releasing hormone-mediated GH secretion in man. Imaki T, et al. **J Clin Endocrinol Metab** 1985 Feb; 60(2):290–3

Influence of triglycerides and free fatty acids in milk replacers on calf performance, blood plasma, and adipose lipids. Jenkins KJ, et al. **J Dairy Sci** 1985 Mar;68(3):669–80

Control of plasma levels of growth hormone, glucagon and insulin in ducklings: roles of free fatty acids and somatostatin. Foltzer C, et al. **J Endocrinol** 1985 Jul; 106(1):21–5

Effects of short and medium chain length fatty acids on pyruvate oxidation by cultured human fibroblasts and rat liver mitochondria. Koga Y, et al. **J Inherited Metab Dis** 1984;7(3):141–2

Modulation of rabbit neutrophil aggregation and degranulation by free fatty acids. Naccache PH, et al. **J Leukocyte Biol** 1984 Sep;36(3):333–40

The role of prostaglandins in cercarial (Schistosoma mansoni) response to free fatty acids. Salafsky B, et al. **J Parasitol** 1984 Aug;70(4):584–91

Glucose production in the perfused dog liver: effect of free fatty acids and ketones. Shaw JH, et al. **J Surg Res** 1984 Dec;37(6):437–42

Effect of free fatty acids on renal metabolism of very low density lipoprotein triglyceride. Trimble ME. **Renal Physiol** 1985;8(1):1–7

Thromboxane mediates the increase in alveolar surfactant pool induced by free fatty acid infusion in the rabbit. Oyarzún MJ, et al. **Respiration** 1984;46(2):231–40

[Non-esterified fatty acids and alpha 1-fetoprotein are the modulators of uterine binding of estrogens during development in the rat] Vallette G, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:30–7 (Eng. Abstr.) (Fre)

PHYSIOLOGY

Free fatty acids and (Na+,K+)-ATPase: effects on cation regulation, enzyme conformation, and interactions with ethanol. Swann AC. **Arch Biochem Biophys** 1984 Sep; 233(2):354–61

Possible role of lysolecithins and nonesterified fatty acids in the pathogenesis of Reye's syndrome, sudden infant death syndrome, acute pancreatitis, and diabetic ketoacidosis. Shaw W. **Clin Chem** 1985 Jul;31(7):1109–15

The content of long-chain free fatty acids and their effect on energy transduction in chromaffin granule ghosts. Husebye ES, et al. **J Biol Chem** 1984 Dec 25; 259(24):15272–6

SECRETION

Inhibition of platelet and neutrophil phospholipase A2 by hydroxyeicosatetraenoic acids (HETES). A novel pharmacological mechanism for regulating free fatty acid release. Chang J, et al. **Biochem Pharmacol** 1985 May 1; 34(9):1571–5

FATTY ACIDS, UNSATURATED

Microbial contamination of a vitamin A formulation, prepared in local pharmacies, and its preservation against yeasts and moulds. van Doorne H, et al. **Antonie Van Leeuwenhoek** 1984;50(4):405–16

2nd MaxEPA research conference. Hull, 20–22 July 1983. **Br J Clin Pract [Symp Suppl]** 1984;31:1–130

[Long-term oil therapy and lipid metabolism in peripheral arterial obstructive disease] Reuter W, et al. **Z Gesamte Inn Med** 1985 Jun 1;40(11):348–50 (Ger)

ADMINISTRATION & DOSAGE

Atopic dermatitis and essential fatty acids: a biochemical basis for atopy? Wright S. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:143–5

The effects of low doses of MaxEPA for long periods. Rice RD. **Br J Clin Pract [Symp Suppl]** 1984;31:85–95

Blood pressure lowering effect of eicosapentaenoic acid-rich diet in normotensive, hypertensive and hyperlipemic subjects. Singer P, et al. **Experientia** 1985 Apr 15; 41(4):462–4

Cholesterol, saturated fatty acids, polyunsaturated fatty acids, sodium, and potassium intakes of the United States population. Fischer DR, et al. **J Am Coll Nutr** 1985; 4(2):207–24

Mutual pro-drugs of the olivanic acids and renal dipeptidase inhibitors. Basker MJ, et al. **J Antibiot (Tokyo)** 1985 Jan; 38(1):70–4

A fish oil diet rich in eicosapentaenoic acid reduces cyclooxygenase metabolites, and suppresses lupus in MRL-lpr mice. Kelley VE, et al. **J Immunol** 1985 Mar; 134(3):1914–9

Gastrocnemius muscle lipids in relation to diet in two mouse mutants, 129Re-dy and A2G-adr, with abnormal muscle function. Rebello T, et al. **J Neurochem** 1985 Jul; 45(1):257–67

Influence of the preventive effect of eicosapentaenoic acid on cerebrovascular disorders. Shibuya T, et al. **Nippon Ika Daigaku Zasshi** 1985 Apr;52(2):222–4

Effect of different levels of dietary sorbic acid on general performance and incidence of leg abnormalities of commercial broilers reared to roaster weight. Hulan HW, et al. **Poult Sci** 1984 Sep;63(9):1800–2

[Polyunsaturated fatty acids in the prevention of arteriosclerosis] Sladek K, et al. **Pol Tyg Lek** 1984 Oct 29;39(44):1457–61 (39 ref.) (Pol)

[Effect of dimethylformamide on the microsomal hydroxylation system in the liver of rats fed diets with different fat contents] Martinchuk AN, et al. **Vopr Pitan** 1984 Nov–Dec;(6):42–6 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

Protection of rats by clofibrate against the hypoglycaemic and toxic effects of hypoglycin and pent-4-enoate. An ultrastructural and biochemical study. Van Hoof F, et al. **Biochem J** 1985 Jul 15;229(2):387–97

Testing with musk ambrette and congeners in a case of photosensitivity dermatitis and actinic reticuloid syndrome (PD/AR). Schmidt RJ, et al. **Photodermatol** 1984 Aug; 1(4):195–8

ANALYSIS

Enzymatic mass determination of high-specific-radioactivity

3H- and 14C-labeled polyunsaturated fatty acids. Staples MA, et al. **Anal Biochem** 1984 Sep;141(2):316-21

Lipoprotein lipase-mediated sequestration of long-chain polyunsaturated triacylglycerols in serum LDL from normal and hypothyroid rats. Ridgway N, et al. **Biochim Biophys Acta** 1984 Oct 24;796(1):64-71

Increased maternal-fetal transport of fat in diabetes assessed by polyunsaturated fatty acid content in fetal lipids. Goldstein R, et al. **Biol Neonate** 1985;47(6):343-9

Fatty acids in fish oils and their analysis by gas chromatography. Gunstone FD. **Br J Clin Pract [Symp Suppl]** 1984;31:15-9

Lipid profiles of Aspergillus niger and its unsaturated fatty acid auxotroph, UFA2. Chattopadhyay P, et al. **Can J Microbiol** 1985 Apr;31(4):352-5

Structures of the dienoic lactones of horse sebum. Frost ML, et al. **Comp Biochem Physiol [B]** 1984;78(3):549-52

Arachidonic acid, 12- and 15-hydroxyeicosatetraenoic acids, eicosapentaenoic acid, and phospholipase A2 induce starfish oocyte maturation. Meijer L, et al. **Dev Biol** 1984 Dec;106(2):368-78

Case of dementia and myoclonia in an adult associated with anomalies in polyunsaturated fatty acids in leukocytes and peripheral nerve. An ultrastructural study of peripheral nerve. Vallat JM, et al. **Eur Neurol** 1985;24(3):208-16

Rapid quantitative method for simultaneous determination of benzoic acid, sorbic acid, and four parabens in meat and nonmeat products by liquid chromatography. Ali MS. **J Assoc Off Anal Chem** 1985 May-Jun;68(3):488-92

Extraction of organic acids by ion-pair formation with tri-n-octylamine. Part 6. Determination of sorbic acid, benzoic acid, and saccharin in yogurt. Puttemans ML, et al. **J Assoc Off Anal Chem** 1985 Jan-Feb;68(1):80-2

Extraction of organic acids by ion-pair formation with tri-n-octylamine. Part V. Simultaneous determination of synthetic dyes, benzoic acid, sorbic acid, and saccharin in soft drinks and lemonade syrups. Puttemans ML, et al. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):880-5

Alterations in fatty acid composition of murine keratinocytes with in vitro cultivation. Isseroff RR, et al. **J Invest Dermatol** 1985 Aug;85(2):131-4

Altered composition of polyunsaturated fatty acyl groups in phosphoglycerides of Down's syndrome fetal brain. Brooksbank BW, et al. **J Neurochem** 1985 Mar;44(3):869-74

Phosphatidylcholine produced in rat synaptosomes by N-methylation is enriched in polyunsaturated fatty acids. Tacconi M, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4828-31

Short-term effect of dietary cholesterol on tissue n-6 fatty acids in fat-deficient rats. Huang YS, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):209-14

Trans unsaturated fatty acids in margarines [letter] Booyens J, et al. **S Afr Med J** 1985 Mar 2;67(9):319

Benzoic acid and sorbic acid in foods quantitative determination by gas chromatography. **Z Lebensm Unters Forsch** 1984 Dec;179(6):455-7

[Mass spectrography analysis on the components of a substance obtained from the male musk-rat] Wang SQ, et al. **Yao Hsueh Hsueh Pao** 1984 Sep;19(9):710-1 (Eng. Abstr.) (Chi)

[Identification of an atypical polyunsaturated fatty acid present in the liver of rats after the ingestion of heated linseed oil] Piconneaux A, et al. **C R Acad Sci [III]** 1985;300(8):353-8 (Eng. Abstr.) (Fre)

BIOSYNTHESIS

Inhibition of the formation of 5-hydroxy-6,8,11,14-eicosatetraenoic acid from arachidonic acid in polymorphonuclear leukocytes by various coumarins. Kimura Y, et al. **Biochim Biophys Acta** 1985 Apr 25;834(2):224-9

Human vascular endothelial cells synthesize and release 24- and 26-carbon polyunsaturated fatty acids. Rosenthal MD, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):171-8

Synthesis of C20 and C22 polyunsaturated fatty acids by the placenta of the sheep. Noble RC, et al. **Biol Neonate** 1985;47(6):333-8

Synthesis of chain elongated-desaturated fatty acids from palmitic acid by liver and brain microsomes during the development of the pig. Clandinin MT, et al. **Comp Biochem Physiol [B]** 1985;81(1):53-4

BLOOD

A method for the measurement of a diene-conjugated derivative of linoleic acid, 18:2(9,11), in serum phospholipid, and possible origins. Iversen SA, et al. **Ann Clin Biochem** 1985 Mar;22 (Pt 2):137-40

Lipoxene: a new group of trihydroxy pentaenes of eicosapentaenoic acid derived from porcine leukocytes. Wong PY, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):763-72

Studies on platelet lipoxygenase specificity towards icosapolyenoic and docosapolyenoic acids. Guichardant M, et al. **Biochim Biophys Acta** 1985 Sep 11;836(2):210-4

Metabolism of 4,7,10,13,16-docosapentaenoic acid by human platelet cyclooxygenase and lipoxygenase. Milks MM, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):29-35

Metabolism of 7,10,13,16-docosatetraenoic acid to dihomo-thromboxane, 14-hydroxy-7,10,12-nonadecatrienoic acid and hydroxy fatty acids by human platelets. VanRollins M, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):272-80

The formation of products containing a conjugated tetraenoic system by pure reticulocyte lipoxygenase. Kühn H, et al. **FEBS Lett** 1984 Nov 19;177(2):255-9

Essential fatty acid nutritional status in phrynoderma. Ghafoorunissa. **Indian J Med Res** 1984 Dec;80:663-9

Synthesis of two hydroxy fatty acids from 7,10,13,16,19-docosapentaenoic acid by human platelets. Careaga MM, et al. **J Biol Chem** 1984 Dec 10;259(23):14413-7

22-Carbon polyenoic acids. Incorporation into platelet phospholipids and the synthesis of these acids from 20-carbon polyenoic acid precursors by intact platelets. Weiner TW, et al. **J Biol Chem** 1985 May 25;260(10):6032-8

A comparative study of eicosapentaenoic acid metabolism by human platelets in vivo and in vitro. von Schacky C, et al. **J Lipid Res** 1985 Apr;26(4):457-64

Incorporation of arachidonic acid and eicosapentaenoic acid into phospholipids by polymorphonuclear leukocytes in vitro. Tou JS. **Lipids** 1984 Aug;19(8):573-7

Abnormal polyunsaturated fatty acid patterns of serum lipids in alcoholism and cirrhosis: arachidonic acid deficiency in cirrhosis. Johnson SB, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1815-8

Defective desaturation and elongation of n-6 and n-3 fatty acids in hypertensive patients. Singer P, et al. **Prostaglandins Leukotrienes Med** 1984 Aug;15(2):159-65

[Effects of the essential fatty acid content of the diet on the distribution of polyunsaturated fatty acids in the lipoproteins of the rat pup] Nouvelot A, et al. **Reprod Nutr Dev** 1985;25(1B):251-3 (Fre)

[An epidemiological study on dietary ingestion of eicosapentaenoic acid (EPA) and platelet function in Japanese] Hirai A. **Nippon Naika Gakkai Zasshi** 1985 Jan;74(1):13-20 (Jpn)

DEFICIENCY

Changes in the fatty acid composition of phospholipids from turbot (Scophthalmus maximus) in relation to dietary polyunsaturated fatty acid deficiencies. Bell MV, et al. **Comp Biochem Physiol [B]** 1985;81(1):193-8

DIAGNOSTIC USE

Fluorescence studies using synchrotron radiation on normal and differentiated cells labeled with parinaric acids. Conti F, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):117-22

METABOLISM

Gastric mucosal formation of prostanoids and the effects of drugs. Bennett A. **Acta Physiol Hung** 1984;64(3-4):215-7

Possible relationships between thiamine, carnitine, polyunsaturated fatty acids and the neurotoxicity of alcohol [editorial] Leonard BE. **Alcohol Alcohol** 1984;19(2):97-9

Will dietary omega-3 fatty acids change the composition of human milk? Harris WS, et al. **Am J Clin Nutr** 1984 Oct;40(4):780-5

Uptake of radiolabelled alpha-linolenic, arachidonic and oleic acid in tissues of normal and essential fatty acid-deficient rats—an autoradiographic study. Becker W, et al. **Ann Nutr Metab** 1985;29(2):65-75

Comparative transfer of valproic acid and of an active metabolite into brain and liver: possible pharmacological and toxicological consequences. Löscher W, et al. **Arch Int Pharmacodyn Ther** 1984 Aug;270(2):192-202

Docosahexaenoic acid (22:6, n-3) is metabolized to lipoxygenase reaction products in the retina. Bazan NG, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):741-7

12-L-hydroxy-5,8,10-heptadecatrienoic acid (HHT) is an excellent substrate for NAD+-dependent 15-hydroxyprostaglandin dehydrogenase. Liu Y, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):268-74

On the metabolism of epoxyeicosatrienoic acids by ram seminal vesicles: isolation of 5(6)epoxy-prostaglandin F1 alpha. Oliw EH, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1090-6

A comparison of the influence of diets high in saturated versus unsaturated fatty acids on lipid composition and glucose-6-phosphatase activity of rat liver microsomes. Garg ML, et al. **Biochem Int** 1985 Apr;10(4):585-95

Chain-shortening of erucic acid and microperoxisomal beta-oxidation in rat small intestine. Thomassen MS, et al. **Biochem J** 1985 Jan 15;225(2):301-6

A direct comparison between peroxisomal and mitochondrial preferences for fatty-acyl beta-oxidation predicts channelling of medium-chain and very-long-chain unsaturated fatty acids to peroxisomes. Alexson SE, et al. **Biochim Biophys Acta** 1984 Oct 24;796(1):1-10

High-affinity incorporation of 20-carbon polyunsaturated fatty acids by human skin fibroblasts. Banerjee N, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):533-41

De novo biosynthesis of docosahexaenoyl-phosphatidic acid in bovine retinal microsomes. Bazan HE, et al. **Biochim Biophys Acta** 1984 Oct 24;796(1):11-9

Effect of dietary fats on arachidonic acid and eicosapentaenoic acid biosynthesis and conversion to C22 fatty acids in isolated rat liver cells. Hagve TA, et al. **Biochim Biophys Acta** 1984 Nov 14;796(2):205-17

Biosynthesis of 5,6-dihydroxyprostaglandin E1 and F1 alpha from 5,6-dihydroxyeicosatrienoic acid by ram seminal vesicles. Oliw EH. **Biochim Biophys Acta** 1984 Sep 12;795(2):384-91

Metabolism of eicosapentaenoic acid by aorta: formation of a novel 13-hydroxylated prostaglandin. Powell WS, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):201-11

Liposomal membranes. XX. Autoxidation of unsaturated fatty acids in liposomal membranes. Sunamoto J, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):144-50

Comparative utilization of n-3 polyunsaturated fatty acids by cultured human Y-79 retinoblastoma cells. Yorek MA, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):277-85

Alterations of linoleic, arachidonic and eicosapentaenoic acids in renal cortex and medulla of SHR during the onset of hypertension. Singer P, et al. **Biomed Biochim Acta** 1984;43(8-9):S247-50

Negative correlation of eicosapentaenoic acid and lipid accumulation in hepatocytes of diabetics. Singer P, et al. **Biomed Biochim Acta** 1984;43(8-9):S438-42

Valproic acid and active unsaturated metabolite (2-en): transfer to mouse liver following human therapeutic doses. Nau H, et al. **Biopharm Drug Dispos** 1985 Jan-Mar;6(1):1-8

Omega-3/omega-6 in haemostasis. Begent N, et al. **Br J Clin Pract [Symp Suppl]** 1984;31:42-4

Studies on the incorporation of eicosapentaenoic acid (EPA) into platelet membrane phospholipids and the effects of EPA supplementation on platelet function, skin bleeding time and blood viscosity in man. Greaves M, et al. **Br J Clin Pract [Symp Suppl]** 1984;31:45-8

The background and origins of omega-3 nutrition. Reed SA. **Br J Clin Pract [Symp Suppl]** 1984;31:5-9

On the essentiality of omega-3 polyunsaturated fatty acids. Rivers JP. **Br J Clin Pract [Symp Suppl]** 1984;31:100-10

Dietary polyunsaturated fatty acids and health. Sanders TA. **Br J Clin Pract [Symp Suppl]** 1984;31:24-32

Fatty acids, triglycerides and phospholipids. An introduction. Vas Dias FW. **Br J Clin Pract [Symp Suppl]** 1984;31:10-4

The formation of mutagenic derivatives of benzo[a]pyrene by peroxidising fatty acids. McNeill JM, et al. **Chem Biol Interact** 1985 Feb-Apr;53(1-2):197-207

Endotoxin-induced eicosanoid production by equine vascular endothelial cells and neutrophils. Bottoms GD, et al. **Circ Shock** 1985;15(3):155-62

Effects of dietary fish oil supplementation on the fatty acid composition of the human platelet membrane: demonstration of selectivity in the incorporation of eicosapentaenoic acid into membrane phospholipid pools. Galloway JH, et al. **Clin Sci** 1985 Apr;68(4):449-54

Comparative levels of arachidonic acid and eicosapentaenoic acid in Malaysian fish. Gibson RA, et al. **Comp Biochem Physiol [C]** 1984;78(2):325-8

Studies on the biotransformation in the perfused rat liver of 2-n-propyl-4-pentenoic acid, a metabolite of the antiepileptic drug valproic acid. Evidence for the formation of chemically reactive intermediates. Rettenmeier AW, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):81-96

Long-chain acyl-coenzyme A synthetase from rat brain microsomes. Kinetic studies using [1-14C]docosahexaenoic acid substrate. Reddy TS, et al. **Eur J Biochem** 1984 Nov 15;145(1):21-9

Prostaglandin E2-like activity of 20:3n-9 platelet lipoxygenase end-product. Lagarde M, et al. **FEBS Lett** 1985 Feb 11;181(1):53-6

Studies on the metabolism of unsaturated fatty acids. XV. Purification and properties of 2,4-dienoyl-CoA reductase from rat liver peroxisomes. Kimura C, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1463-9

Monoenoic fatty acid requirement in V79 cells. Urade R, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):391-8

Phospholipid metabolism in V79-R membranes composed of phospholipid molecular species containing trans-monoenoic fatty acids. Urade R, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):821-8

Hematin-catalyzed epoxidation of 7,8-dihydroxy-7,8-dihydrobenzo[a]pyrene by polyunsaturated fatty acid hydroperoxides. Dix TA, et al. **J Biol Chem** 1985 May 10;260(9):5358-65

Consumption of trans acids in relation to heart disease [letter] Hunter JE. **J Epidemiol Community Health** 1984 Dec;38(4):346-8

Does an increase in membrane unsaturated fatty acids account for Tween 80 stimulation of glucosyltransferase secretion by Streptococcus salivarius? Jacques NA, et al. **J Gen Microbiol** 1985 Jan;131 (Pt 1):67-72

Reduction in plasma cholesterol and increase in biliary cholesterol by a diet rich in n-3 fatty acids in the rat. Balasubramaniam S, et al. **J Lipid Res** 1985 Jun;26(6):684-9

Stimulation by unsaturated fatty acid of squalene uptake in rat liver microsomes. Chin J, et al. **J Lipid Res** 1985 Jul;26(7):819-23

A comparison of the short-term incorporation of erucic acid and oleic acid in the perfused guinea-pig heart. Ward B, et al. **J Mol Cell Cardiol** 1984 Oct;16(10):897-903

Rat brain phosphatidyl-N,N-dimethylethanolamine is rich in polyunsaturated fatty acids. Tacconi M, et al. **J Neurochem** 1985 Sep;45(3):805-9

Intestinal absorption and lipoprotein transport of (omega-3) eicosapentaenoic acid. Chen IS, et al. **J Nutr** 1985 Feb;115(2):219-25

Effects of biotin deficiency on polyunsaturated fatty acid metabolism in rats. Kramer TR, et al. **J Nutr** 1984 Nov;114(11):2047-52

Dietary effects of menhaden oil on the growth and membrane lipid composition of rat mammary tumors. Jurkowski JJ, et al. **JNCI** 1985 May;74(5):1145-50

Heated fat, vitamin E and vascular eicosanoids. Giani E, et al. **Lipids** 1985 Jul;20(7):439-48

Dietary fats containing concentrates of cis or trans octadecenoates and the patterns of polyunsaturated fatty acids of liver phosphatidylcholine and phosphatidylethanolamine. Lawson LD, et al. **Lipids** 1985 May;20(5):262-7

Unsaturated fatty acid compositional changes and desaturation during the embryonic development of the chicken (Gallus domesticus). Noble RC, et al. **Lipids** 1985 May;20(5):278-82

Activation of polyunsaturated fatty acids by rat tissues in vitro. Reddy TS, et al. **Lipids** 1984 Dec;19(12):987-9

Effect of fatty acids of omega 6 series on the biosynthesis of arachidonic acid in HTC cells. de Alaniz MJ, et al. **Mol Cell Biochem** 1984 Sep;64(1):31-7

Uptake and metabolism of eicosa-8, 11, 14-trienoic acid in normal hepatocytes and HTC cells. Marra CA, et al. **Mol Cell Biochem** 1985 Jan;65(2):143-52

Eicosapentaenoic acid inhibits the release of 14C-prostacyclin from a perfused tissue after incorporation of 14C-prostaglandin precursors. Juan H, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jun;329(4):388-93

Evidence of prostaglandin I3 formation in vivo from dietary eicosapentaenoic acid. **Nutr Rev** 1984 Sep;42(9):317-8

Biosynthetic incorporation of cis-parinaric acid into radioactive sn-3-phosphatidic acid. Stuhne-Sekalec L, et al. **Prep Biochem** 1985;15(1-2):35-47

Leukotriene B5 is formed in human neutrophils after dietary supplementation with icosapentaenoic acid. Strasser T, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1540-3

Substrate and regulatory functions of eicosapentaenoic and docosahexaenoic acids for the 5-lipoxygenase pathway. Implications for pulmonary responses. Lee TH, et al. **Prog Biochem Pharmacol** 1985;20:1-17 (80 ref.)

Effect of unsaturated acids on membrane structure and enzyme kinetics. Brenner RR. **Prog Lipid Res** 1984;23(2):69-96 (146 ref.)

Incorporation of 5,8,11,14-eicosatetraynoic acid (ETYA) into cell lipids: competition with arachidonic acid for esterification. Taylor AS, et al. **Prostaglandins** 1985 Mar;29(3):449-58

Double bond requirement for the 5-lipoxygenase pathway. Wei YF, et al. **Prostaglandins** 1985 Apr;29(4):537-45

Dihomo-gamma-linolenic acid increases the metabolism of eicosapentaenoic acid in perfused vascular tissue. Juan H, et al. **Prostaglandins Leukotrienes Med** 1985 Jul;19(1):79-86

Zinc and vascular reactivity in rat mesenteric vessels: possible altered dihomo-gamma-linolenic acid metabolism in spontaneously hypertensive rats. Mtabaji JP, et al. **Prostaglandins Leukotrienes Med** 1985 May;18(2):235-43

Changes in the levels of polyunsaturated fatty acids in the lung and lecithin cholesterol acyl transferase activity in plasma of monkeys exposed to ambient levels of ozone. Rao GA, et al. **Toxicol Lett** 1985 Feb-Mar;24(2-3):125-9

[In vitro study of delta 6- and delta 5-desaturations of linoleic and dihomo-gamma-linolenic acids during the development of arterial hypertension as a function of age in spontaneously hypertensive rats (SHR) as compared to normotensive rats (WKY)] Narce M, et al. **C R Soc Biol (Paris)** 1984;178(4):458-66 (Eng. Abstr.) (Fre)

[Nutritional correction of an excess of unsaturated fatty acids in the body lipids of the growing rat] Guesnet P, et al. **Reprod Nutr Dev** 1984;24(4):387-403 (Eng. Abstr.) (Fre)

[Correlation between medium C-chain fatty acids and polyunsaturated fatty acids] Caponnetto A, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2131-4 (Eng. Abstr.) (Ita)

[Polyunsaturated fatty acids and cancer] Donzelli A. **Recenti Prog Med** 1984 Dec;75(12):1089-96 (Eng. Abstr.) (Ita)

[Effect of modification of the lipid bilayer on the functioning of the electron transport chain of endoplasmic reticulum membranes in nitrosodiethylamine-induced hepatic carcinogenesis] Grinevich IuP, et al. **Eksp Onkol** 1984;6(6):42-5 (Eng. Abstr.) (Rus)

[Activation of lipid peroxides in the liver during hypokinesia and its prevention by antioxidants] Panasiuk EN, et al. **Kosm Biol Aviakosm Med** 1985 Jan-Feb;19(1):48-52 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Why do polyunsaturated fatty acids lower serum cholesterol? Beynen AC, et al. **Am J Clin Nutr** 1985 Sep;42(3):560-3

Effect of dietary cholesterol and degree of fat unsaturation on plasma lipid levels, lipoprotein composition, and fecal steroid excretion in normal young adult men. Oh SY, et al. **Am J Clin Nutr** 1985 Sep;42(3):399-413

Influence of different supplements of N-3 polyunsaturated fatty acids on blood and tissue lipids in rats receiving high intakes of linoleic acid. Roshanai F, et al. **Ann Nutr Metab** 1985;29(3):189-96

Growth of group IV mycobacteria on medium containing various saturated and unsaturated fatty acids. Saito H, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):164-9

Inhibition of growth and patulin synthesis in Penicillium expansum by potassium sorbate and sodium propionate in culture. Lennox JE, et al. **Appl Environ Microbiol** 1984 Nov;48(5):1031-3

Effect of pH, temperature, and potassium sorbate on amino acid uptake in Salmonella typhimurium 7136. Tuncan EU, et al. **Appl Environ Microbiol** 1985 Mar;49(3):505-8

Succinate dehydrogenase activity in relation with cardiac morphology in rats fed low erucic acid rapeseed oil. Grynberg A, et al. **Arch Anat Microsc Morphol Exp** 1984;73(4):231-8

Unsaturated fatty acid isomers: effects on the circadian rhythm of a fatty-acid-deficient Neurospora crassa mutant. Mattern DL. **Arch Biochem Biophys** 1985 Mar;237(2):402-7

Inhibition of carnitine acetyltransferase by metabolites of 4-pentenoic acid. Zhong J, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):524-9

The effects of dietary omega-3 polyunsaturated fatty acids on erythrocyte membrane phospholipids, erythrocyte deformability and blood viscosity in healthy volunteers. Cartwright IJ, et al. **Atherosclerosis** 1985 Jun;55(3):267-81

Effect of unsaturated fatty acids on protoporphyrinogen oxidation, a step in heme and chlorophyll synthesis in plant organelles. Jacobs JM, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1157-64

Potentiation by ammonia of the metabolic effects of pent-4-enoate in isolated rat hepatocytes. Coudé FX, et al. **Biochem J** 1984 Nov 15;224(1):263-7

The long duration, in vivo, inhibition of prostaglandin synthetase by 2-methyl-8-cis-12-trans-14-cis-eicosatrienoic acid. Fretland DJ, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2103-7

Effect of orally administered eicosapentaenoic acid (EPA) on the formation of leukotriene B4 and leukotriene B5 by rat leukocytes. Terano T, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):3071-6

Activation of bovine platelets induced by long-chain unsaturated fatty acids at just below their lytic concentrations, and its mechanism. Kitagawa S, et al. **Biochim Biophys Acta** 1984 Nov 6;802(1):17-23

Membrane-bound CTP:phosphocholine cytidylyltransferase regulates the rate of phosphatidylcholine synthesis in HeLa cells treated with unsaturated fatty acids. Pelech SL, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):433-40

Cis-unsaturated fatty acids induce both lipogenesis and calcium binding in adipocytes. Shechter Y, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):89-96

Dihomogammalinolenic acid, but not eicosapentaenoic acid, activates washed human platelets. Siess W, et al. **Biochim Biophys Acta** 1984 Sep 28;801(2):265-76

Stimulation of (Ca2+ + Mg2+)-ATPase activity in human erythrocyte membranes by synthetic lysophosphatidic acids and lysophosphatidylcholines. Effects of chain length and degree of unsaturation of the fatty acid groups. Tokumura A, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):568-74

Influence of cyclooxygenase inhibitors and arachidonic acid on contractile activity of the human Fallopian tube. Lindblom B, et al. **Biol Reprod** 1985 Apr;32(3):475-9

Enhancement of the antihypertensive effect of dietary n3- and n6-PUFA in SHR during a four-generation feeding period. Hoffmann P, et al. **Biomed Biochim Acta** 1984;43(8-9):S227-30

Cardiovascular effects of antihypertensive drugs as affected by dietary polyunsaturates. Hoffmann P, et al. **Biomed Biochim Acta** 1984;43[illegible]S195-8

The inactivation of lipoxygenases by acetylenic fatty acids. Kühn H, et al. **Biomed Biochim Acta** 1984;43(8-9):S358-61

Uptake and effect on arachidonic acid oxygenation of some icosaenoic acids in human platelets. Lagarde M, et al. **Biomed Biochim Acta** 1984;43(8-9):S319-22

Studies on the effect of a chemical sympathectomy on the enzyme pattern in the heart of spontaneously hypertensive rats (SHR) fed diets supplemented with different polyunsaturated fatty acids (PUFA). Papies B, et al. **Biomed Biochim Acta** 1984;43(8-9):S179-83

Enzyme pattern of heart and liver in spontaneously hypertensive rats (SHR) can be influenced by prenatal feeding PUFA rich diets. Papies B, et al. **Biomed Biochim Acta** 1984;43(8-9):S184-7

Attenuation of high blood pressure by primrose oil, linseed oil and sunflowerseed oil in spontaneously hypertensive rats. Singer P, et al. **Biomed Biochim Acta** 1984;43(8-9):S243-6

Comparative aspects of omega-3 and omega-6 polyunsaturated fatty acids in rabbits and rats: effects on platelet function, thromboxane and prostacyclin generation, tissue phospholipid fatty acids and membrane fluidity. Bolton-Smith C, et al. **Br J Clin Pract [Symp Suppl]** 1984;31:37-41

The effect of MaxEPA on the serum lipids, platelets, bleeding time and GTN consumption. Saynor R, et al. **Br J Clin Pract [Symp Suppl]** 1984;31:70-4

The antidyskinetic action of dihomo-gamma-linolenic acid in the rodent. Costall B, et al. **Br J Pharmacol** 1984 Nov;83(3):733-40

An unsaturated fatty acid mutant of Aspergillus niger with partially defective delta 9-desaturase. Chattopadhyay P, et al. **Can J Microbiol** 1985 Apr;31(4):346-51

The effects of hydrogenated coconut oil, safflower oil, and evening primrose oil on development of hypertension and sodium handling in spontaneously hypertensive rats. Soma M, et al. **Can J Physiol Pharmacol** 1985 Apr;63(4):325-30

Unsaturated fatty acids stimulate NADPH-dependent superoxide production by cell-free system derived from macrophages. Bromberg Y, et al. **Cell Immunol** 1984 Oct 1;88(1):213-21

Ca2+ translocation across liposomal membranes enhanced by unsaturated long-chain fatty acids. Utsumi K, et al. **Cell Struct Funct** 1985 Jun;10(2):177-81

On the mechanism of flavin modification during inactivation of flavocytochrome b2 from baker's yeast by acetylenic substrates. Pompon D, et al. **Eur J Biochem** 1985 Apr 1;148(1):145-54

Schistosoma mansoni: cercaricidal effect of 2-tetradecenoic acid, a penetration stimulant. Haas W. **Exp Parasitol** 1984 Oct;58(2):215-22

Inhibition of neutrophil phospholipase A2 by p-bromophenylacyl bromide, nordihydroguaiaretic acid, 5,8,11,14-eicosatetraynoic acid and quercetin. Lanni C, et al. **Int Arch Allergy Appl Immunol** 1985;76(3):214-7

Effects of FPL 55712, ETYA and aminophylline upon Ascaris-induced bronchoconstriction in cynomolgus monkeys. Mielens ZE, et al. **Int Arch Allergy Appl Immunol** 1984;75(4):368-74

A note on the effect of dilution and temperature on the bactericidal activity of potassium sorbate. Lusher P, et al. **J Appl Bacteriol** 1984 Aug;57(1):179-81

Effects of exogenous arachidonic, eicosapentaenoic, and docosahexaenoic acids on the generation of 5-lipoxygenase pathway products by ionophore-activated human neutrophils. Lee TH, et al. **J Clin Invest** 1984 Dec;74(6):1922-33

The effect of sorbic acid and esters of p-hydroxybenzoic acid on the protonmotive force in Escherichia coli membrane vesicles. Eklund T. **J Gen Microbiol** 1985 Jan;131 (Pt 1):73-6

An inhibitory effect of dietary polyunsaturated fatty acids on renin secretion in the isolated perfused rat kidney. Codde JP, et al. **J Hypertens** 1984 Jun;2(3):265-70

Inhibition of cytotoxic T lymphocyte-mediated lysis by ETYA: effect independent of arachidonic acid metabolism. Taylor AS, et al. **J Immunol** 1985 Feb;134(2):1130-5

Effects of the degree of saturation of dietary fat on the hepatic production of lipoproteins in the African green monkey. Johnson FL, et al. **J Lipid Res** 1985 Apr;26(4):403-17

Fatty acid composition of the testes of zinc-deficient rats: the effect of docosapentaenoic acid supplementation. Chanmugam P, et al. **J Nutr** 1984 Nov;114(11):2073-9

Differential effects of dietary eicosapentaenoic and docosahexaenoic fatty acids on lowering of triglyceride and cholesterol levels in the serum of rats on hypercholesterolemic diet. Kobatake Y, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Aug;30(4):357-72

Comparative study of the atherogenecity of dietary trans, saturated and unsaturated fatty acids on swine coronary arteries. Toda T, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Apr;31(2):233-41

Effects of high erucic acid diet on sphingomyelin biosynthesis in rat lung microsomes. Lecerf J, et al. **J Physiol (Paris)** 1984;79(5):345-51

Effects of fish oil rich in eicosapentaenoic acid on serum lipid in hyperlipidemic hemodialysis patients. Hamazaki T, et al. **Kidney Int** 1984 Jul;26(1):81-4

Stimulation by lipoxygenase products of superoxide anion production in FMLP-treated neutrophils. Beckman JK, et al. **Lipids** 1985 May;20(5):318-21

Influence of dietary partially hydrogenated vegetable and marine oils on membrane composition and function of liver microsomes and platelets in the rat. Blomstrand R, et al. **Lipids** 1985 May;20(5):283-95

Dihomo-gamma-linolenic acid reverses hypertension induced in rats by diets rich in saturated fat. Hassall CH, et al. **Lipids** 1984 Sep;19(9):699-703

Comparison of the pharmacological and biochemical profiles of valproic acid (VPA) and its cerebral metabolite (2-en-VPA) after oral administration in mice. Keane PE, et al. **Methods Find Exp Clin Pharmacol** 1985 Feb;7(2):83-6

Fish, fatty acids, and human health [editorial] Glomset JA. **N Engl J Med** 1985 May 9;312(19):1253-4

Effect of dietary enrichment with eicosapentaenoic and docosahexaenoic acids on in vitro neutrophil and monocyte leukotriene generation and neutrophil function. Lee TH, et al. **N Engl J Med** 1985 May 9;312(19):1217-24

Eicosapentaenoic acid inhibits the release of 14C-prostacyclin from a perfused tissue after incorporation of 14C-prostaglandin precursors. Juan H, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jun;329(4):388-93

The cytotoxic action in vitro of catalytically sulphurated unsaturated fatty acids on Ehrlich's ascites cancer and normal peritoneal exudate (leucocytes). Witek R, et al. **Pharmazie** 1984 Jul;39(7):482-3

Long-term effect on the immune status of defined diets during the early postnatal period in the rat. Stěpánková R, et al. **Physiol Bohemoslov** 1985;34(1):49-61

Response of laying hens to dietary saturated and unsaturated fatty acids in the presence of varying dietary calcium levels. Atteh JO, et al. **Poult Sci** 1985 Mar;64(3):520-8

Effects of sorbic acid feed fungistat on the intestinal microflora of floor-reared broiler chickens. Sofos JN, et al. **Poult Sci** 1985 May;64(5):832-40

Inhibition of human platelet phospholipase A2 activity by unsaturated fatty acids. Ballou LR, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):371-5

Effect of intravenous eicosapentaenoic acid on cerebral blood flow, edema and brain prostaglandins in ischemic gerbils.

Black KL, et al. **Prostaglandins** 1984 Oct;28(4):545–56

Dihomo-gamma-linolenic acid increases the metabolism of eicosapentaenoic acid in perfused vascular tissue. Juan H, et al. **Prostaglandins Leukotrienes Med** 1985 Jul;19(1):79–86

Docosahexaenoic acid (C22:6 omega 3) and linoleic acid are anti-aggregatory, and alter arachidonic acid metabolism in human platelets. Srivastava KC. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):319–27

Transformations of exogenous arachidonic acid in human platelets in the presence of oleic- and eicosapentaenoic acids. Srivastava KC. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):31–7

Inhibition of platelet aggregation and thromboxane synthesis after intake of small amount of icosapentaenoic acid. Driss F, et al. **Thromb Res** 1984 Dec 1;36(5):389–96

Eicosapentaenoic acid potentiates the production of prostacyclin-like material in the arachidonic acid perfused human umbilical vein. Kristensen SD, et al. **Thromb Res** 1984 Nov 15;36(4):305–14

Altered lipid metabolism and impaired clearance of plasma cholesterol in mice fed cyclopropenoid fatty acids. Matlock JP, et al. **Toxicol Appl Pharmacol** 1985 Sep 30;80(3):457–66

[Specific contribution of dietary polyunsaturated fatty acids of the n-3 series to the development of nervous system membranes] Bourre JM, et al. **Reprod Nutr Dev** 1985; 25(1B):335–40 (Eng. Abstr.) (Fre)

[The influence of dietary sardine oil (eicosapentaenoic acid) on the erythrocyte membrane fluidity in diabetic patients] Otsuji S, et al. **Rinsho Byori** 1984 Jul;32(7):764–71 (Jpn)

[Effect of benzoic and sorbic acids on Bacillus cereus and Torulopsis candida] Wlodarczyk M, et al. **Rocz Panstw Zakl Hig** 1984;35(6):557–62 (Eng. Abstr.) (Pol)

[Sodium sorbate as a preservative for ready-to-eat foods] Wlodarczyk M. **Rocz Panstw Zakl Hig** 1985;36(1):53–8 (Eng. Abstr.) (Pol)

PHYSIOLOGY

The role of eicosanoids in respiratory mucus hypersecretion. Lundgren JD, et al. **Ann Allergy** 1985 Jul;55(1):5–8, 11 (23 ref.)

Development of thermotolerance in mouse fibroblast LM cells with modified membranes and after procaine treatment. Konings AW. **Cancer Res** 1985 May; 45(5):2016–9

Inhibition of the reductive activation of a valyl-tRNA synthetase from yeast by unsaturated fatty acids and associated observations on newly found lipophilic substances from yeast. Black S. **J Biol Chem** 1985 Jan 10; 260(1):433–40

Increasing membrane polyunsaturated fatty-acid content augments cyclic AMP formation and prostaglandin production in NIE-115 neuroblastoma. Murphy MG. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4–6):529–37

[The effect of potassium sorbate on the growth of pathogenic and physiologic vaginal microflora in vitro] Vraná D, et al. **Cesk Gynekol** 1985 Feb;50(1):38–41 (Eng. Abstr.) (Cze)

RADIATION EFFECTS

The ovicidal activity of cis-dehydromatricaria ester: time-dependance of its enhancement by UV light. Kagan J, et al. **Experientia** 1984 Dec 15;40(12):1396–7

[60Co-gamma-radiolysis of C18 unsaturated fatty acid methyl esters in an oxygen free state] Kitahara K, et al. **Radioisotopes** 1984 Sep;33(9):658–9 (Jpn)

THERAPEUTIC USE

Triglyceride-lowering effect of marine polyunsaturates in patients with hypertriglyceridemia. Sanders TA, et al. **Arteriosclerosis** 1985 Sep–Oct;5(5):459–65

On the effects of dietary n-3 fatty acids (Maxepa) on plasma lipids and lipoproteins in patients with hyperlipidaemia. Simons LA, et al. **Atherosclerosis** 1985 Jan;54(1):75–88

MaxEPA in multiple sclerosis. French JM. **Br J Clin Pract [Symp Suppl]** 1984;31:117–21

Omega-6 and omega-3 polyunsaturates and the immune system. Mertin J. **Br J Clin Pract [Symp Suppl]** 1984; 31:111–4

A pilot study of the use of MaxEPA in haemodialysis patients. Rylance PB, et al. **Br J Clin Pract [Symp Suppl]** 1984; 31:49–54

Controlled trials of fish oil supplements on plasma lipid concentrations. Sanders TA, et al. **Br J Clin Pract [Symp Suppl]** 1984;31:78–84

Polyunsaturated fatty acids and diabetic retinopathy. Howard-Williams J, et al. **Br J Ophthalmol** 1985 Jan; 69(1):15–8

Biochemical and clinical effects of treating the premenstrual syndrome with prostaglandin synthesis precursors. Puolakka J, et al. **J Reprod Med** 1985 Mar;30(3):149–53

Primary Sjögren's syndrome treated with Efamol/Efavit. A double-blind cross-over investigation. Manthorpe R, et al. **Rheumatol Int** 1984;4(4):165–7

[The effect of fish oils on plasma lipid levels in hyperlipidemics] Skořepa J, et al. **Cas Lek Cesk** 1985 Aug 2;124(31):970–3 (Eng. Abstr.) (Cze)

[Experience in using polyunsaturated fatty acids in the combined sanatorium and health resort treatment of patients with stage-I ischemic heart disease] Aznaur'ian MS, et al. **Vopr Pitan** 1985 Jan–Feb;(1):74–5 (Rus)

TOXICITY

Sulfhydryl groups and food safety. Friedman M. **Adv Exp Med Biol** 1984;177:31–63 (164 ref.)

Effects of sodium nitrite and potassium sorbate on in vitro cultured mammalian cells. Budayová E. **Neoplasma** 1985; 32(3):341–50

URINE

trans,trans-Muconic acid, an open-chain urinary metabolite of benzene in mice. Quantification by high-pressure liquid chromatography. Gad-El Karim MM, et al. **Xenobiotica** 1985 Mar;15(3):211–20

[Urinary prostaglandins in the hepatorenal syndrome of cirrhotic patients: role of thromboxane A2 and an imbalance of precursor polyunsaturated fatty acids] Parelon G, et al. **Gastroenterol Clin Biol** 1985 Apr;9(4):290–7 (Eng. Abstr.) (Fre)

FATTY ACIDS, VOLATILE

ANALYSIS

Use of gas liquid chromatography in the clinical diagnosis of anaerobic pleuropulmonary infection. Hunter JV, et al. **Br J Dis Chest** 1985 Jan;79(1):1–8

Volatiles of Pseudomonas aeruginosa and related species by automated headspace concentration—gas chromatography. Zechman JM, et al. **Can J Microbiol** 1985 Mar;31(3):232–7

Influence of dietary alfalfa:orchardgrass hay and lasalocid on in vitro estimates of dry matter digestibility and volatile fatty acid concentrations of cecal contents and rate of digesta passage in sows. Holzgraefe DP, et al. **J Anim Sci** 1985 May;60(5):1235–46

Discriminant analysis of volatile fatty acids produced in culture medium: a novel approach to the identification of Pseudomonas species. Peladan F, et al. **J Gen Microbiol** 1984 Dec;130 (Pt 12):3175–82

Change in the volatile fatty acids content of laboratory stored sterilized and non-sterilized swine wastes. Rainville N, et al. **Microbios** 1985;42(169–170):175–82

Short-chain fatty acids and bowel functions in man. Høverstad T, et al. **Scand J Gastroenterol** 1984 Nov; 19(8):1059–65

Short-chain fatty acids in the proximal gastrointestinal tract of healthy subjects. Høverstad T, et al. **Scand J Gastroenterol** 1984 Nov;19(8):1053–8

Short-chain fatty acids in the small-bowel bacterial overgrowth syndrome. Høverstad T, et al. **Scand J Gastroenterol** 1985 May;20(4):492–9

[Use of gas-liquid chromatography to study non-clostridial anaerobic infection in a surgical clinic] Shimkevich LL, et al. **Lab Delo** 1985;(4):225–7 (Eng. Abstr.) (Rus)

[Gas chromatographic vapor-phase analysis of volatile fatty acids in clinical material for rapid diagnosis of anaerobic infections] Vitenberg AG, et al. **Lab Delo** 1985;(3):151–4 (Eng. Abstr.) (Rus)

BIOSYNTHESIS

Analysis by gas liquid chromatography of production of volatile fatty acids by anaerobic bacteria grown on solid medium. Wiggins RJ, et al. **J Clin Pathol** 1985 Aug; 38(8):933–6

[Studies on rumen fermentation with special reference to the volatile fatty acid production rate in ewes during reproduction. 2. Production rate of volatile fatty acids and rumen volume] Schindler K, et al. **Arch Tierernahr** 1985 May;35(5):351–9 (Eng. Abstr.) (Ger)

METABOLISM

Absorption of electrolytes and volatile fatty acids in the hind-gut of the rabbit. Circadian rhythm of hind-gut electrolytes and plasma aldosterone. Vernay M, et al. **Br J Nutr** 1984 Sep;52(2):419–28

Methane formation in faunated and ciliate-free cattle and its relationship with rumen volatile fatty acid proportions. Whitelaw FG, et al. **Br J Nutr** 1984 Sep;52(2):261–75

Net portal absorption of lactate and volatile fatty acids in steers experiencing glucose-induced acidosis or fed a 70% concentrate diet ad libitum. Harmon DL, et al. **J Anim Sci** 1985 Feb;60(2):560–9

The effects of pH on colonic bacteria grown in continuous culture. Edwards CA, et al. **J Med Microbiol** 1985 Apr; 19(2):169–80

Stimulation of absorption of volatile fatty acids and minerals in the cecum of rats adapted to a very high fiber diet. Demigné C, et al. **J Nutr** 1985 Jan;115(1):53–60

Ultrastructure of Candida ingens: a yeast that can assimilate volatile fatty acids. Garrison RG, et al. **Microbios** 1985; 42(168):77–89

Reye's syndrome and short-chain fatty acids [letter] Krause KH, et al. **Neurology** 1985 Jan;35(1):135–6

Short-chain fatty acids in intestinal content of germfree mice monocontaminated with Escherichia coli or Clostridium difficile. Høverstad T, et al. **Scand J Gastroenterol** 1985 Apr;20(3):373–80

Regulation of the metabolism of volatile fatty acids in the caecum of rabbits. Prohászka L, et al. **Zentralbl Veterinarmed [B]** 1984 Jun;31(5):358–66

[Measurement of the appearance of volatile fatty acids in the portal vein during digestion in conscious pigs] Rerat A, et al. **C R Acad Sci [III]** 1985;300(12):467–70 (Eng. Abstr.) (Fre)

[Rumen fermentation with special reference to volatile fatty acid production during reproduction. 1. Methods and results of volatile fatty acid levels and production rates in vitro] Schindler K, et al. **Arch Tierernahr** 1984 Sep; 34(9):631–40 (Eng. Abstr.) (Ger)

[Effect of bran diet on organic acids in the gastrointestinal tract and apparent digestibility in weanling piglets] Schnabel E, et al. **Arch Tierernahr** 1984 Oct;34(10):689–97 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

Comparison of pancreatic digestive enzyme secretion induced by volatile fatty acids in mice, Japanese field voles and goats. Harada E. **Comp Biochem Physiol [A]** 1985; 81(3):539–43

Short-chain fatty acid fermentation products of plant fiber affect glucose metabolism of isolated rat hepatocytes. Anderson JW, et al. **Proc Soc Exp Biol Med** 1984 Nov; 177(2):372–6

Influence of the diet on the antibacterial effect of volatile fatty acids and on the development of swine dysentery. Prohászka L, et al. **Zentralbl Veterinarmed [B]** 1984 Dec; 31(10):779–85

FATTY ACYL COA see ACYL COENZYME A

FATTY ALCOHOLS

[Polyacrylamide gel electrophoresis in the presence of lithium dodecyl sulfate. Problems and advantages] Kubo K, et al. **Seikagaku** 1985 Feb;57(2):117–20 (13 ref.) (Jpn)

[Internal structure of oil-in-water emulsions stabilized with a cetostearyl alcohol] Fukushima S, et al. **Yakugaku Zasshi** 1984 Sep;104(9):986–9 (Eng. Abstr.) (Jpn)

ADMINISTRATION & DOSAGE

[Treatment of trophic ulcers with algipor] Sogomonian LM, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):71–4 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

Allergy to cetylalcohol. van Ketel WG. **Contact Dermatitis** 1984 Aug;11(2):125–6

[Contact allergy to fludroxycortid and cetyl alcohol] Hausen BM, et al. **Derm Beruf Umwelt** 1985;33(1):27–8 (Eng. Abstr.) (Ger)

ANALYSIS

Identification of oenanthotoxin and related compounds in hemlock water dropwort poisoning. King LA, et al. **Hum Toxicol** 1985 Jul;4(4):355–64

Reflectance measurements on gels and emulsions containing cetrimide and cetostearyl alcohol—a preliminary investigation. Rowe RC, et al. **J Pharm Pharmacol** 1985 Apr;37(4):222–5

METABOLISM

Metabolites and biodegradation pathways of fatty alcohol ethoxylates in microbial biocenoses of sewage treatment plants. Steber J, et al. **Appl Environ Microbiol** 1985 Mar; 49(3):530–7

The cerebro-hepato-renal (Zellweger) syndrome. Impaired de novo biosynthesis of plasmalogens in cultured skin fibroblasts. Schrakamp G, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):170–4

Enzymatic reduction of fatty acids and acyl-CoAs to long chain aldehydes and alcohols. Riendeau D, et al. **Experientia** 1985 Jun 15;41(6):707–13 (106 ref.)

[Quantitative aspects of the percutaneous uptake of wool wax alcohols (cetyl alcohol) and paraffins (octadecane) from different ointment bases] Zesch A, et al. **Derm Beruf Umwelt** 1985;33(1):15–20 (Eng. Abstr.) (Ger)

[Alcohol oxidation by Candida guilliermondii yeasts grown on hexadecanol] Krauzova VI, et al. **Mikrobiologiia** 1984 Jul–Aug;53(4):621–7 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Charged amphiphiles regulate heart contractility and sarcolemma-Ca2+ interactions. Philipson KD, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):H147–50

Use of lipids to potentiate the antibacterial activity of aminoglycosides. Gilbertson JR, et al. **Antimicrob Agents Chemother** 1984 Sep;26(3):306–9

Perturbation of egg phosphatidylcholine and dipalmitoylphosphatidylcholine multilamellar vesicles by n-alkanols. A fluorescent probe study. Zavoico GB, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):299–312

Effects of tiadenol and clofibrate on plasma post heparin lipolytic hepatic, extrahepatic and monoglyceride hydrolase activities in rats with hypertriglyceridemia induced by a sucrose rich diet. Gutman R, et al. **Horm Metab Res** 1985 Apr;17(4):169–75

Growth of Acinetobacter sp. strain HO1-N on n-hexadecanol: physiological and ultrastructural characteristics. Singer ME, et al. **J Bacteriol** 1985 Apr;

162(1):162–9

Efficacy evaluation of two new teat dip formulations under experimental challenge. Pankey JW, et al. **J Dairy Sci** 1985 Feb;68(2):462–5

Induction of megamitochondria in rat hepatocytes by 1-octadecanol. Wakabayashi T, et al. **J Electron Microsc (Tokyo)** 1984;33(3):236–8

Effects of Okinawan sugar cane wax and fatty alcohol on serum and liver lipids in the rat. Sho H, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Dec;30(6):553–9

Effect of fatty acids and alcohols on the penetration of acyclovir across human skin in vitro. Cooper ER, et al. **J Pharm Sci** 1985 Jun;74(6):688–9

Antifungal properties of 2-n-alkyn-1-ols. Gershon H, et al. **J Pharm Sci** 1984 Dec;73(12):1840–2

Pharmacological studies on ginger. I. Pharmacological actions of pungent constitutents, (6)-gingerol and (6)-shogaol. Suekawa M, et al. **J Pharmacobiodyn** 1984 Nov;7(11):836–48

THERAPEUTIC USE

Octacosanol in parkinsonism [letter] Snider SR. **Ann Neurol** 1984 Dec;16(6):723

Sclerotherapy for the treatment of fissure in ano. Antebi E, et al. **Surg Gynecol Obstet** 1985 Mar;160(3):204–6

[Controlled study of the effects of Pygeum africanum extract on the functional symptoms of prostatic adenoma] Dufour B, et al. **Ann Urol (Paris)** 1984 May;18(3):193–5 (Eng. Abstr.) (Fre)

FATTY LIVER

[Clinical significance of steatosis of the liver] Brixová E, et al. **Bratisl Lek Listy** 1985 Jan;83(1):3–9 (Eng. Abstr.) (Slo)

BLOOD

Abnormal blood chemistry data in Cushing's syndrome: comparison with those for fatty liver. Sato T, et al. **Endocrinol Jpn** 1984 Dec;31(6):705–10

CHEMICALLY INDUCED

Hepatotoxicity of prolonged methotrexate therapy for rheumatoid arthritis. Mackenzie AH. **Cleve Clin Q** 1985 Summer;52(2):129–35

Hepatic steatosis in rats fed diets with varying concentrations of sucrose. Bacon BR, et al. **Fundam Appl Toxicol** 1984 Oct;4(5):819–26

Steroid-induced accumulation of lipid in the osteocytes of the rabbit femoral head. A histochemical and electron microscopic study. Kawai K, et al. **J Bone Joint Surg [Am]** 1985 Jun;67(5):755–63

Lipid accumulation in the livers of chlorpromazine-treated rats does not induce peroxisome proliferation. Price SC, et al. **Toxicol Lett** 1985 Apr;25(1):11–7

COMPLICATIONS

[Twin pregnancy with acute hepatic steatosis followed by antehypophyseal insufficiency and diabetes insipidus] Piech JJ, et al. **Presse Med** 1985 Jun 29;14(26):1421–3 (Eng. Abstr.) (Fre)

[Uncomplicated pregnancies following recovery from acute pregnancy-related hepatic steatosis] Crouet H, et al. **Rev Fr Gynecol Obstet** 1985 Feb;80(2):113–7 (Eng. Abstr.) (Fre)

[Severe jaundice with fatal outcome in pregnancy] Gétin Y, et al. **Rev Fr Gynecol Obstet** 1984 Jul–Sep;79(7–9):517–22 (Eng. Abstr.) (Fre)

[Hepatic failure due to fatty liver of pregnancy] Zohar S, et al. **Harefuah** 1985 Jan 15;108(2):79–82 (Eng. Abstr.) (Heb)

[Two cases of progressive bulbospinal muscular atrophy of sex-linked recessive trait (Kennedy-Alter-Sung) with type IV hyperlipoproteinemia and fatty liver] Yamamoto R, et al. **Rinsho Shinkeigaku** 1984 May;24(5):441–6 (Eng. Abstr.) (Jpn)

DIAGNOSIS

Characteristic sonographic signs of hepatic fatty infiltration. Quinn SF, et al. **AJR** 1985 Oct;145(4):753–5

Focal fatty liver change by sonography. Livraghi T, et al. **Diagn Imag Clin Med** 1984;53(5):226–30

In vitro detection of fatty liver infiltration in protein-depleted rats using proton nuclear magnetic resonance. Jacobs DO, et al. **J Surg Res** 1985 Jul;39(1):25–30

Acute fatty liver of pregnancy. Kaplan MM. **N Engl J Med** 1985 Aug 8;313(6):367–70 (21 ref.)

Proton chemical shift imaging: an evaluation of its clinical potential using an in vivo fatty liver model. Rosen BR, et al. **Radiology** 1985 Feb;154(2):469–72

[Acute hepatic steatosis in pregnancy] Bernuau J. **Presse Med** 1985 Jun 29;14(26):1407–8 (Fre)

[Non-alcoholic hepatic steatosis] Boustière C, et al. **Presse Med** 1985 May 18;14(20):1147–50 (Eng. Abstr.) (Fre)

[Clinical evaluation of the glucagon test in fatty liver] Nagamine T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Apr;82(4):614–20 (Eng. Abstr.) (Jpn)

[The diagnosis of fatty liver by administration of two different dosages (0.5mg/kg and 5.0mg/kg) of indocyanine green] Yokoyama H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):2062 (Jpn)

[Idiopathic acute fatty liver in pregnancy. Clinico-pathological study of 3 cases] Rocha LO, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Nov–Dec;39(6):272–7 (Eng. Abstr.) (Por)

[Complex clinico-instrumental diagnosis of diffuse liver diseases] Kudinova NA. **Ter Arkh** 1984;56(12):83–8 (Eng. Abstr.) (Rus)

DRUG THERAPY

Liver lipid peroxidation induced by cholesterol and its treatment with a dihydroquinoline type free radical scavenger in rabbits. Sulyok S, et al. **Acta Physiol Hung** 1984;64(3–4):437–42

ENZYMOLOGY

Relationship between arterial oxygen tension and serum aminotransferases in morbidly obese patients with fatty liver [letter] Nanji AA, et al. **Clin Chem** 1985 Sep;31(9):1571–2

[Serum cholinesterase activity in non-alcoholic fatty liver. Effect of obesity on the activity and role of its measurement in the differential diagnosis in chronic hepatitis] Nomura F, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Jul;81(7):1569–73 (Eng. Abstr.) (Jpn)

ETIOLOGY

Pathogenesis of hepatic steatosis in the parenterally fed rat. Hall RI, et al. **J Clin Invest** 1984 Nov;74(5):1658–68

Development of hepatic steatosis and essential fatty acid deficiency in rats with hypercaloric, fat-free parenteral nutrition. Keim NL, et al. **J Nutr** 1984 Oct;114(10):1807–15

Does long-term home parenteral nutrition in adult patients cause chronic liver disease? Bowyer BA, et al. **JPEN** 1985 Jan–Feb;9(1):11–7

[Massive hepatic steatosis in the infant with mucoviscidosis] Fischer A, et al. **Minerva Pediatr** 1984 Nov 30;36(22):1155–9 (Eng. Abstr.) (Ita)

[A case of familial hypo-beta-lipoproteinemia with steatosis of the liver] Ohnishi S, et al. **Nippon Naika Gakkai Zasshi** 1984 May;73(5):676–9 (Jpn)

METABOLISM

Drug metabolism in diabetic subjects with fatty livers. Pirttiaho HI, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):895–9

Studies on fatty liver with isolated hepatocytes. III. Cumene hydroperoxide-induced change of several cell functions. Chiarpotto E, et al. **Exp Mol Pathol** 1984 Oct;41(2):191–201

Chloroquine-induced phospholipid fatty liver. Measurement of drug and lipid concentrations in rat liver lysosomes. Hostetler KY, et al. **J Biol Chem** 1985 Jan 10;260(1):215–9

Ibuprofen stereoisomer hepatic clearance and distribution in normal and fatty in situ perfused rat liver. Cox JW, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):636–43

Comparison of the thin layer chromatography/flame ionization detection system with other methods for the quantitative analysis of liver lipid contents in alcohol-fed rats and controls. Rao GA, et al. **Lipids** 1985 Aug;20(8):531–5

Evidence against a role for disturbed hepatocellular calcium homeostasis in the fatty liver of carbon tetrachloride hepatotoxicity. Pencil SD, et al. **Toxicol Pathol** 1984;12(1):96–100

[Influence of splenectomy on the synthesis of collagen and on steatosis of the rat liver induced by treatment with carbon tetrachloride and progesterone] Gambella GR, et al. **Pathologica** 1984 May–Jun;76(1043):391–8 (Eng. Abstr.) (Ita)

[The effect of silymarin on lipids in the blood and liver in steatosis] Uličná O, et al. **Vnitr Lek** 1985 Jan;31(1):15–9 (Eng. Abstr.) (Slo)

[Obstetric acute fatty liver] Bianchi R, et al. **Rev Chil Obstet Ginecol** 1983;48(2):108–15 (Eng. Abstr.) (Spa)

MORTALITY

Acute fatty liver of pregnancy [letter] Pockros PJ, et al. **Dig Dis Sci** 1985 Jun;30(6):601–2

OCCURRENCE

[Incidence of fatty liver in Germany. A pathoanatomo-epidemiologic study (letter)] Hartz F, et al. **Dtsch Med Wochenschr** 1985 Aug 2;110(31–32):1232 (Ger)

PATHOLOGY

Liver in obesity. Braillon A, et al. **Gut** 1985 Feb;26(2):133–9

Diabetic hepatitis preceding the onset of glucose intolerance. Batman PA, et al. **Histopathology** 1985 Feb;9(2):237–43

Renal morphological changes in idiopathic acute fatty liver of pregnancy. Slater DN, et al. **Histopathology** 1984 Jul;8(4):567–81

Light microscopic and electron microscopic study on morphologic features resulting in the delay of ICG elimination in diabetic and non-diabetic fatty liver. Inaba R, et al. **Tokai J Exp Clin Med** 1984 Aug;9(3):207–16

[Reye's syndrome—visceral fatty degeneration and encephalopathy] Simell O. **Duodecim** 1985;101(14):1347–51 (Fin)

PREVENTION & CONTROL

Dietary arachidonic acid protects mice against the fatty liver induced by a high fat diet and by ethanol. Karpe F, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Aug;55(2):95–9

RADIOGRAPHY

Nodular focal fatty infiltration of the liver: CT appearance. Baker ME, et al. **AJR** 1985 Jul;145(1):79–80

CT appearance of multifocal hepatic steatosis. Flournoy JG, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1192–4

CT evaluation of the bile ducts in patients with fatty liver. Quint LE, et al. **Radiology** 1984 Dec;153(3):755–6

[Computed tomography of fatty liver] Tiu CM, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Dec;83(12):1274–86 (Eng. Abstr.) (Chi)

[Experimental study on quantitative evaluation of fatty liver by computed tomography] Kunieda T, et al. **Nippon Geka Gakkai Zasshi** 1984 Nov;85(11):1472–8 (Eng. Abstr.) (Jpn)

RADIONUCLIDE IMAGING

A false-negative xenon-133 study in focal fatty infiltration of the liver. Hartshorne MF, et al. **Clin Nucl Med** 1985 May;10(5):336–40

THERAPY

[Acute fatty liver in pregnancy—treatment of hemorrhagic diathesis] Haapanen E, et al. **Z Geburtshilfe Perinatol** 1985 Jan–Feb;189(1):22–4 (Eng. Abstr.) (Ger)

VETERINARY

Inositol as a lipotropic agent in dairy cattle diets. Gerloff BJ, et al. **J Anim Sci** 1984 Sep;59(3):806–12

Plasma calcium, phosphorus, 25-dihydroxyvitamin D3, and 1-25-dihydroxyvitamin D3 of hens with fatty liver syndrome. Harms RH, et al. **Poult Sci** 1985 Apr;64(4):768–70

Sudden deaths in wethers associated with fatty livers. Malone F, et al. **Vet Rec** 1984 Nov 17;115(20):516

FATTY LIVER, ALCOHOLIC

BLOOD

[Prolactin in chronic alcoholic liver diseases with and without gynecomastia] Nardoni A, et al. **Minerva Med** 1985 Jan 14;76(1–2):37–42 (Eng. Abstr.) (Ita)

COMPLICATIONS

Pancreatic and liver disease in an alcoholic. Kreel L. **Postgrad Med J** 1985 Jan;61(711):37–8

DIAGNOSIS

[Alcoholic fatty liver, alcoholic hepatitis and alcoholic cirrhosis. Drinking behavior and incidence of clinical, clinico-chemical and histological findings in 282 patients] Bode JC, et al. **Dtsch Med Wochenschr** 1984 Oct 5;109(40):1516–21 (Eng. Abstr.) (Ger)

[Zieve's syndrome as a particular form of alcoholic fatty liver] Hartleb M, et al. **Pol Tyg Lek** 1984 Nov 19;39(47):1551–2 (Pol)

DRUG THERAPY

[Epomediol treatment of fatty liver in alcohol abuse. A controlled clinical double-blind study] Pierri G, et al. **Clin Ter** 1985 Mar 31;112(6):527–35 (Eng. Abstr.) (Ita)

PATHOLOGY

Functional properties of isolated hepatocytes from ethanol-treated rat liver. Schüller A, et al. **Hepatology** 1985 Jul–Aug;5(4):677–82

PREVENTION & CONTROL

Choline fails to prevent liver fibrosis in ethanol-fed baboons but causes toxicity. Lieber CS, et al. **Hepatology** 1985 Jul–Aug;5(4):561–72

Fatty liver caused by chronic alcohol ingestion is prevented by dietary supplementation with pyruvate or glycerol. Rao GA, et al. **Lipids** 1984 Aug;19(8):583–8

Gamma-linolenic acid inhibits the development of the ethanol-induced fatty liver. Segarnick DJ, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):277–82

RADIOGRAPHY

Focal fatty liver lesions in alcoholic liver disease: a broadened spectrum of CT appearances. Tang-Barton P, et al. **Gastrointest Radiol** 1985;10(2):133–7

RADIONUCLIDE IMAGING

[Hepatic gammagraphy in alcoholism. Its relation to digestive radiology] Navarro Izquierdo AL, et al. **Rev Esp Enferm Apar Dig** 1984 Dec;66(6):523–9 (Eng. Abstr.) (Spa)

FATTY TISSUE see ADIPOSE TISSUE

FATTY TUMOR see LIPOMA

FAVISM

BLOOD

Increased red cell calcium, decreased calcium adenosine triphosphatase, and altered membrane proteins during fava bean hemolysis in glucose-6-phosphate dehydrogenase-deficient (Mediterranean variant) individuals. Turrini F, et al. **Blood** 1985 Aug;66(2):302-5

Membrane cross bonding in red cells in favic crisis: a missing link in the mechanism of extravascular haemolysis. Fischer TM, et al. **Br J Haematol** 1985 Jan;59(1):159-69

DRUG THERAPY

Deferoxamine and favism [letter] Ekert H, et al. **N Engl J Med** 1985 May 9;312(19):1260

ENZYMOLOGY

Impairment of the calcium pump of human erythrocytes by divicine. Benatti U, et al. **Arch Biochem Biophys** 1985 Jun;239(2):334-41

Favism: disordered erythrocyte calcium homeostasis. De Flora A, et al. **Blood** 1985 Aug;66(2):294-7

FAMILIAL & GENETIC

Favism: looking for an autosomal gene associated with glucose-6-phosphate dehydrogenase deficiency. Mareni C, et al. **J Med Genet** 1984 Aug;21(4):278-80

FAVRE-RACOUCHOT SYNDROME see under **SKIN DISEASES**

FAVUS see **TINEA FAVOSA**

FAZADINIUM see under **PYRIDINIUM COMPOUNDS**

FC RECEPTORS see **RECEPTORS, FC**

FEAR

see related
PHOBIC DISORDERS

Experimental models of anxiety. Problems and perspectives. Griez E. **Acta Psychiatr Belg** 1984;84:511-32 (61 ref.)

A case of obsessional fears treated by brief hypno-imagery intervention. Johnson GM, et al. **Am J Clin Hypn** 1985 Apr;27(4):232-6

Homosexual panic and murder. Walter R. **Am J Forensic Med Pathol** 1985 Mar;6(1):49-51

The fear of needles in children. Fassler D. **Am J Orthopsychiatry** 1985 Jul;55(3):371-7

Deviations on exploration, attachment, and fear of strangers in high-risk and control infants at one year of age. Näslund B, et al. **Am J Orthopsychiatry** 1984 Oct;54(4):569-77

The DST in psychiatric outpatients with generalized anxiety disorder, panic disorder, or primary affective disorder. Avery DH, et al. **Am J Psychiatry** 1985 Jul;142(7):844-8

Can nicotine control panic attacks? [letter] Brodsky L. **Am J Psychiatry** 1985 Apr;142(4):524

Lactate infusions in obsessive-compulsive disorder. Gorman JM, et al. **Am J Psychiatry** 1985 Jul;142(7):864-6

Insulin levels during lactate infusion. Gorman JM, et al. **Am J Psychiatry** 1984 Dec;141(12):1621-2

Simultaneous panic and depressive disorders [letter] Grunhaus L. **Am J Psychiatry** 1985 Oct;142(10):1230-1

Otoneurological examination in panic disorder and agoraphobia with panic attacks: a pilot study. Jacob RG, et al. **Am J Psychiatry** 1985 Jun;142(6):715-20

Specificity of lactate infusions in social phobia versus panic disorders. Liebowitz MR, et al. **Am J Psychiatry** 1985 Aug;142(8):947-50

Atypical panic attacks in major depression [letter] McGrath PJ, et al. **Am J Psychiatry** 1985 Oct;142(10):1224

Steroid-induced panic disorder [letter] Raskin DE. **Am J Psychiatry** 1984 Dec;141(12):1647

Glucose tolerance testing in panic disorder. Uhde TW, et al. **Am J Psychiatry** 1984 Nov;141(11):1461-3

Arterial pH in provocation of panic [letter] Van den Hout MA, et al. **Am J Psychiatry** 1985 Apr;142(4):514-5

Panic attacks, hypochondriasis, and agoraphobia: a self-psychology formulation. Diamond DB. **Am J Psychother** 1985 Jan;39(1):114-25

An integrated approach to the treatment of panic disorder. Roberts R. **Am J Psychother** 1984 Jul;38(3):413-30 (44 ref.)

The inaccessible, but intact engram: a challenge for animal models of memory dysfunction. Mactutus CF, et al. **Ann NY Acad Sci** 1985;444:465-8

A physician's perspective on allaying patients' fears. Petty C. **AORN J** 1985 Mar;41(3):537, 540, 542

Increased sensitivity to caffeine in patients with panic disorders. Preliminary evidence. Boulenger JP, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1067-71

Major depression in patients with agoraphobia and panic disorder. Breier A, et al. **Arch Gen Psychiatry** 1984 Dec;41(12):1129-35

Platelet alpha 2-adrenergic receptor binding and plasma catecholamines. Before and during imipramine treatment in patients with panic anxiety. Cameron OG, et al. **Arch Gen Psychiatry** 1984 Dec;41(12):1144-8

Ambulatory monitoring of panic disorder. Freedman RR, et al. **Arch Gen Psychiatry** 1985 Mar;42(3):244-8

The scared little boy with insomnia. Joseph E. **Aust Fam Physician** 1984 Dec;13(12):895

A psychophysiological therapy for dental fear. Berggren U, et al. **Behav Res Ther** 1984;22(5):487-92

Agoraphobia, the panic attack and the hyperventilation syndrome. Ley R. **Behav Res Ther** 1985;23(1):79-81

Fears in visually-impaired and normally-sighted youths. Ollendick TH, et al. **Behav Res Ther** 1985;23(3):375-8

Fears in children and adolescents: normative data. Ollendick TH, et al. **Behav Res Ther** 1985;23(4):465-7

Dental pessimism: negative cognitions in fearful dental patients. Wardle J. **Behav Res Ther** 1984;22(5):553-6

Depression and panic in patients with borderline personality disorder. Grunhaus L, et al. **Biol Psychiatry** 1985 Jun;20(6):688-92

Fearfulness of hens caged individually or in groups in different tiers of a battery and the effects of translocation between tiers. Jones RB. **Br Poult Sci** 1985 Jul;26(3):399-408

Dominance rank, fear scores and reproduction in cockerels. Shabalina AT. **Br Poult Sci** 1984 Jul;25(3):297-301

Usefulness of two psychometric scales in Swedish patients with severe dental fear. Berggren U, et al. **Community Dent Oral Epidemiol** 1985 Apr;13(2):70-4

Psychometric measures of dental fear. Berggren U, et al. **Community Dent Oral Epidemiol** 1984 Oct;12(5):319-24

The relationship of panic disorder to agoraphobia. Garvey MJ, et al. **Compr Psychiatry** 1984 Sep-Oct;25(5):529-31

A comparison of panic disorder and agoraphobia with panic attacks. Thyer BA, et al. **Compr Psychiatry** 1985 Mar-Apr;26(2):208-14

Panics, prolapse, and PVCs. Muskin PR. **Gen Hosp Psychiatry** 1985 Jul;7(3):219-23

Violent or fear-inducing behavior associated with hospital admission. Rossi AM, et al. **Hosp Community Psychiatry** 1985 Jun;36(6):643-7

Community fear of nonionizing radiation: a field investigation. Daley ML, et al. **IEEE Trans Biomed Eng** 1985 Mar;32(3):246-8

Fear of crime among elderly Jews in Boston and London. Ginsberg Y. **Int J Aging Hum Dev** 1984-85;20(4):257-58

Significant others and fear of crime among the elderly. Kennedy LW, et al. **Int J Aging Hum Dev** 1984-85;20(4):241-56

The phenomenon of panic. Barlow DH, et al. **J Abnorm Psychol** 1985 Aug;94(3):320-8

Observational conditioning of snake fear in rhesus monkeys. Mineka S, et al. **J Abnorm Psychol** 1984 Nov;93(4):355-72

Characteristics of people with infrequent panic attacks. Norton GR, et al. **J Abnorm Psychol** 1985 May;94(2):216-21

Life events preceding the onset of panic disorder. Faravelli C. **J Affective Disord** 1985 Jul;9(1):103-5

Dentists' management of patients' fear and anxiety. Corah NL, et al. **J Am Dent Assoc** 1985 May;110(5):734-6

Further contributions to the understanding of stage fright: narcissistic issues. Gabbard GO. **J Am Psychoanal Assoc** 1983;31(2):423-41

Respiratory control as a treatment for panic attacks. Clark DM, et al. **J Behav Ther Exp Psychiatry** 1985 Mar;16(1):23-30

Demand effects for desensitization and two placebos in a dental fear context. Landau DL, et al. **J Behav Ther Exp Psychiatry** 1984 Jun;15(2):115-21

Standardization of the fear survey schedule based upon patients with DSM-III anxiety disorders. Tomlin P, et al. **J Behav Ther Exp Psychiatry** 1984 Jun;15(2):123-6

Combat-related flashbacks in posttraumatic stress disorder: phenomenology and similarity to panic attacks. Mellman TA, et al. **J Clin Psychiatry** 1985 Sep;46(9):379-82

Propranolol therapy in a patient with panic disorder, tardive dyskinesia, and essential tremor [letter] Olivera AA, et al. **J Clin Psychiatry** 1984 Nov;45(11):484-5

Panic attacks and temporal lobe seizures associated with a right temporal lobe arteriovenous malformation: case report. Wall M, et al. **J Clin Psychiatry** 1985 Apr;46(4):143-5

Attribution of control and the fear of death among first-year medical students. Vargo ME, et al. **J Clin Psychol** 1984 Nov;40(6):1525-8

The clinical spectrum of panic attacks. Grunhaus L, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):93-9 (68 ref.)

The dexamethasone suppression test in agoraphobia. Peterson GA, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):100-2

Assessment of fear of fear in agoraphobics: the body sensations questionnaire and the agoraphobic cognitions questionnaire. Chambless DL, et al. **J Consult Clin Psychol** 1984 Dec;52(6):1090-7

Lightning-strike disaster: effects on children's fears and worries. Dollinger SJ, et al. **J Consult Clin Psychol** 1984 Dec;52(6):1028-38

Dental fear and avoidance: a comparison of two modes of treatment. Berggren U, et al. **J Dent Res** 1984 Oct;63(10):1223-7

Effects of grade, gender, and hospitalization on children's medical fears. Aho AC, et al. **J Dev Behav Pediatr** 1985 Jun;6(3):146-53

Developmental differences in empathy with a television protagonist's fear. Wilson BJ, et al. **J Exp Child Psychol** 1985 Apr;39(2):284-99

Panic disorder: fear disguised as medical illness. Weiss KJ. **J Med Soc NJ** 1985 Feb;82(2):141-2

Estimating the prevalence of school refusal and school-related fears. A Venezuelan sample. Granell de Aldaz E, et al. **J Nerv Ment Dis** 1984 Dec;172(12):722-9

Hostility, somatic symptoms, and hypochondriacal fears and beliefs. Kellner R, et al. **J Nerv Ment Dis** 1985 Sep;173(9):554-60

Panic attack following injection of aqueous procaine penicillin G (Hoigné syndrome) [letter] Silber TJ, et al. **J Pediatr** 1985 Aug;107(2):314-5

Panic attack syndrome. Van Winter JT, et al. **J Pediatr** 1984 Oct;105(4):661-5

Reducing medical fears in a general population of children: a comparison of three audiovisual modeling procedures. Elkins PD, et al. **J Pediatr Psychol** 1985 Mar;10(1):65-75

Communication apprehension in esophageal and tracheoesophageal speakers. Byles PL, et al. **J Speech Hear Disord** 1985 May;50(2):114-9

Panic disorder and alcohol misuse. Hudson CJ, et al. **J Stud Alcohol** 1984 Sep;45(5):462-4

Threat of war in minds of children [letter] Barton EM. **Lancet** 1985 Jan 26;1(8422):226

Diagnosis of panic disorder [letter] Bell DS. **Med J Aust** 1984 Aug 18;141(4):261

Effects of alpha-adrenoceptor agonists and antagonists in a maze-exploration model of 'fear'-motivated behaviour. Handley SL, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Aug;327(1):1-5

Panic disorder [letter] Peden JG Jr. **NC Med J** 1985 Feb;46(2):119

Sex differences in lateralization in the domestic chick. Andrew RJ, et al. **Neuropsychologia** 1984;22(4):503-9

A dental phobia clinic. Kaplan AS, et al. **NY State Dent J** 1984 Oct;50(8):491-2

Fear and time estimation. Watts FN, et al. **Percept Mot Skills** 1984 Oct;59(2):597-8

The number of pre-shock trials affects sex differences in passive avoidance behavior. van Haaren F, et al. **Physiol Behav** 1984 Aug;33(2):269-72

Longitudinal course of panic disorder: clinical and biological considerations. Uhde TW, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985;9(1):39-51

Mitral valve prolapse and panic disorder. Crowe RR. **Psychiatr Clin North Am** 1985 Mar;8(1):63-71

Startle potentiation and heart rate as affected by fear and hunger. Anderson DC, et al. **Psychol Rep** 1985 Feb;56(1):95-106

Relationship between hypnotic susceptibility, fear of failure and need for achievement. Manganello JL, et al. **Psychol Rep** 1985 Feb;56(1):239-42

Fear of death and the concept of extended self. Westman AS, et al. **Psychol Rep** 1985 Apr;56(2):419-25

Major depression and panic disorder: a family study perspective. Leckman JF, et al. **Psychopharmacol Bull** 1985;21(3):543-5

Effect of panic attacks on the treatment of atypical depressives. Liebowitz MR, et al. **Psychopharmacol Bull** 1985;21(3):558-61

Panic attacks in outpatients with depression: response to antidepressant treatment. Robinson DS, et al. **Psychopharmacol Bull** 1985;21(3):562-7

Panic disorder and major depression: biological relationships. Roy-Byrne PP, et al. **Psychopharmacol Bull** 1985;21(3):551-4

Cerebral tumor presenting with panic attacks. Dietch JT. **Psychosomatics** 1984 Nov;25(11):861-3

Panic attacks with panic masked by alexithymia. Jones BA. **Psychosomatics** 1984 Nov;25(11):858-9

Clinical presentations of panic and anxiety. Pasnau RO. **Psychosomatics** 1984 Oct;25(10 Suppl):4-9

Panic disorders: clinical update 1984. Diagnostic dilemmas. Spitzer RL, et al. **Psychosomatics** 1984 Oct;25(10 Suppl):16-20

Metronidazole and panic attacks [letter] Brown JT. **South Med J** 1985 May;78(5):627

[Agoraphobia with panic attacks. Value of the dexamethasone test (letter)] Cottraux J, et al. **Presse Med** 1984 Nov 24;13(42):2582 **(Fre)**

[Fear of dying and destructiveness] Richter HE. **Psyche (Stuttg)** 1984 Dec;38(12):1105-23 (Eng. Abstr.) **(Ger)**

[Role of fear in patients after myocardial infarction in the development of differences between a subjective and clinical evaluation of their working capacity] Babiarz M, et al. **Kardiol Pol** 1984;27(10):847-52 (Eng. Abstr.) **(Pol)**

[Apprehension of estimation and the need for social approval in clinical psychological diagnosis] Brzeziński J, et al. **Psychiatr Pol** 1984 May-Jun;18(3):225-32 (Eng. Abstr.) **(Pol)**

DRUG EFFECTS

Effects of Litoralon (gamma-L-glutamyl-taurine) and its analogues on fear-motivated behaviour of rats. Schulz H, et al. **Acta Physiol Hung** 1985;65(2):169-79

Increased anxiogenic effects of caffeine in panic disorders. Charney DS, et al. **Arch Gen Psychiatry** 1985 Mar;42(3):233-43 (115 ref.)

Lactate provocation of panic attacks. II. Biochemical and physiological findings. Liebowitz MR, et al. **Arch Gen Psychiatry** 1985 Jul;42(7):709–19

Effect of acute beta-adrenergic blockade on lactate-induced panic [letter] Rainey JM Jr, et al. **Arch Gen Psychiatry** 1985 Jan;42(1):104–5

The use of alprazolam [letter] Molnar B. **Aust NZ J Psychiatry** 1984 Jun;18(2):191

Sodium lactate infusion, panic attacks, and ionized calcium. Fyer AJ, et al. **Biol Psychiatry** 1984 Oct;19(10):1437–47

Imipramine versus propranolol for the treatment of panic attacks: a pilot study. Munjack DJ, et al. **Compr Psychiatry** 1985 Jan–Feb;26(1):80–9

Peripheral panic symptoms occur during changes in alveolar carbon dioxide. van den Hout MA, et al. **Compr Psychiatry** 1985 Jul–Aug;26(4):381–7

Lactate infusion in anxiety research: its evolution and practice. Sheehan DV, et al. **J Clin Psychiatry** 1985 May;46(5):158–65

Behavioral effects of diazepam and propranolol in patients with panic disorder and agoraphobia. Ghoneim MM, et al. **Neuropsychobiology** 1984;11(4):229–35

Panic disorder: response to sodium lactate and treatment with antidepressants. Rifkin A, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985;9(1):33–8 (17 ref.)

Imipramine in the treatment of panic disorder and its complications. Liebowitz MR. **Psychiatr Clin North Am** 1985 Mar;8(1):37–47

Monoamine oxidase inhibitors and alprazolam in the treatment of panic disorder and agoraphobia. Sheehan DV. **Psychiatr Clin North Am** 1985 Mar;8(1):49–62 (35 ref.)

Lactate vulnerability of remitted panic patients. Fyer AJ, et al. **Psychiatry Res** 1985 Feb;14(2):143–8

The lactate infusion model. Gorman JM, et al. **Psychopharmacol Bull** 1985;21(3):428–33

Lactate infusion in patients with depression and anxiety. McGrath PJ, et al. **Psychopharmacol Bull** 1985;21(3):555–7

Panic anxiety and lactate metabolism. Rainey JM Jr, et al. **Psychopharmacol Bull** 1985;21(3):434–7

Anxiolytic drugs and the acquisition of conditioned fear in mice. Sanger DJ, et al. **Psychopharmacology (Berlin)** 1985;85(3):284–8

Psychopharmacologic treatment of panic disorder. Klein DF. **Psychosomatics** 1984 Oct;25(10 Suppl):32–6

Agoraphobia and panic disorder: treatment with alprazolam. Mark SL. **Tex Med** 1984 Oct;80(10):50–2

[Panic attacks treated with alprazolam (letter)] Andersen T. **Ugeskr Laeger** 1985 Jun 17;147(25):2014–5 (Dan)

PHYSIOLOGY

Physiological responses associated with feigned death in the American opossum. Gabrielsen GW, et al. **Acta Physiol Scand** 1985 Apr;123(4):393–8

A multivariate analysis of the genetics of fearfulness in potential guide dogs. Goddard ME, et al. **Behav Genet** 1985 Jan;15(1):69–89

Neophobia in spontaneous hypertensive (SHR) and normotensive control (WKY) rats. Delini-Stula A, et al. **Behav Neural Biol** 1985 Mar;43(2):206–11

Habituation under stress: shocked mice show nonassociative learning in a T-maze. Mitchell D, et al. **Behav Neural Biol** 1985 Mar;43(2):212–7

Platelet monoamine oxidase activity in patients with panic disorder. Gorman J, et al. **Biol Psychiatry** 1985 Aug;20(8):852–7

Psychophysiology of relaxation-associated panic attacks. Cohen AS, et al. **J Abnorm Psychol** 1985 Feb;94(1):96–101

A case of panic disorder treated with breathing retraining. Rapee RM. **J Behav Ther Exp Psychiatry** 1985 Mar;16(1):63–5

Fear of male homosexuality: cardiac responses of low and high homonegative males. Shields SA, et al. **J Homosex** 1984 Fall;10(1–2):53–67

Raynaud's syndrome, panic disorder, and mood changes [letter] Pies R. **JAMA** 1985 May 17;253(19):2833

Suppressant effect of REM sleep deprivation on neophobia in normal rats and in rats with selective DSP-4 induced damage of locus coeruleus neurons. Mogilnicka E, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):93–7

Fear-related responses of white Leghorn hens of several genetic stocks in five-bird cages and associations with quantitative traits. Kujiyat SK, et al. **Poult Sci** 1984 Sep;63(9):1679–88

Normalization of venous pH, pCO2, and bicarbonate levels after blockade of panic attacks. Gorman JM, et al. **Psychiatry Res** 1985 Jan;14(1):57–65

Urinary catecholamines and mitral valve prolapse in panic-anxiety patients. Nesse RM, et al. **Psychiatry Res** 1985 Jan;14(1):67–75

Normal pain sensitivity in patients with panic disorder. Roy-Byrne P, et al. **Psychiatry Res** 1985 Jan;14(1):77–84

The sleep of patients with panic disorder: a preliminary report. Uhde TW, et al. **Psychiatry Res** 1984 Jul;12(3):251–9

Social influences on conditioned cortisol secretion in the squirrel monkey. Stanton ME, et al. **Psychoneuroendocrinology** 1985;10(2):125–34

Fear and anxiety: relationship to noradrenergic function. Uhde TW, et al. **Psychopathology** 1984;17 Suppl 3:8–23

Neuroendocrine abnormalities in panic disorder. Roy-Byrne PP, et al. **Psychopharmacol Bull** 1985;21(3):546–50

Panic disorders: clinical update 1984. Neuroendocrine aspects. Rubin RT. **Psychosomatics** 1984 Oct;25(10 Suppl):21–6 (13 ref.)

[The dexamethasone suppression test in agoraphobia with panic attacks. 30 cases] Cottraux J, et al. **Encephale** 1984;10(6):267–72 (Eng. Abstr.) (Fre)

[Neuropsychology of fear] Strian F. **Dtsch Med Wochenschr** 1985 May 31;110(22):889–95 (Ger)

FEATHERS

The effects of recessive white and dominant white genotypes on early growth rate. Fox W, et al. **Poult Sci** 1985 Mar;64(3):429–33

[Increase in polynuclear neutrophils of the broncho-alveolar irrigation fluid following exposure in a case of acute alveolitis] Fitting JW, et al. **Rev Mal Respir** 1984;1(5):301–4 (Eng. Abstr.) (Fre)

ABNORMALITIES

Zinc deficiency in pheasant chicks fed practical diets. Cook ME, et al. **Avian Dis** 1984 Oct–Dec;28(4):1102–9

Induction of chick embryo feather malformations by an influenza C virus. Spence HA, et al. **Teratology** 1985 Aug;32(1):57–64

ANALYSIS

Variability of cadmium and lead concentrations in bird feathers. Dmowski K, et al. **Naturwissenschaften** 1984 Dec;71(12):639–40

ANATOMY & HISTOLOGY

Effect of the eumelanin restrictor Db on plumage pattern phenotypes of the domestic fowl. Carefoot WC. **Br Poult Sci** 1985 Jul;26(3):409–12

CYTOLOGY

Avian feather development: relationships between morphogenesis and keratinization. Haake AR, et al. **Dev Biol** 1984 Dec;106(2):406–13

Exogenous glycosaminoglycans (GAG) are able to modulate avian skin differentiation (epithelial keratinization and feather formation). Becchetti E, et al. **J Embryol Exp Morphol** 1984 Aug;82:25–40

EMBRYOLOGY

Altered keratin biosynthesis follows inhibition of scale morphogenesis by hydrocortisone. Fisher CJ, et al. **Dev Biol** 1984 Nov;106(1):45–52

Analysis of morphogenesis and keratinization in transfilter recombinants of feather-forming skin. König G, et al. **Dev Biol** 1985 Jun;109(2):381–92

The spatial pattern and temporal sequence in which feather germs arise in the white Leghorn chick embryo. Mayerson PL, et al. **Dev Biol** 1985 Jun;109(2):259–67

Differentiation of embryonic chick feather-forming and scale-forming tissues in transfilter cultures. Peterson CA, et al. **Dev Biol** 1985 Sep;111(1):8–25

Expression of cell-adhesion molecules in embryonic induction. I. Morphogenesis of nestling feathers. Chuong CM, et al. **J Cell Biol** 1985 Sep;101(3):1009–26

Dermal cells form strong adhesions to the basement membrane during the development of feather primordia in chick skin. Davidson D. **J Embryol Exp Morphol** 1984 Dec;84:149–58

The effects of Janus Green B on the temporal and spatial pattern of feather germ morphogenesis. Mayerson PL, et al. **J Exp Zool** 1984 Nov;232(2):231–42

GROWTH & DEVELOPMENT

Expression of cell-adhesion molecules in embryonic induction. II. Morphogenesis of adult feathers. Chuong CM, et al. **J Cell Biol** 1985 Sep;101(3):1027–43

IMMUNOLOGY

Immunoglobulin E antibodies against budgerigar and canary feathers. van Toorenenbergen AW, et al. **Int Arch Allergy Appl Immunol** 1985;77(4):433–7

PATHOLOGY

Isolation of a papovavirus-like agent from young budgerigars with feather abnormalities. Hirai K, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):577–82

Feather abnormalities associated with paramyxovirus-1 pigeon variant in pigeons and chickens. Lemahieu P, et al. **Vet Rec** 1985 Jun 1;116(22):591

FECAL INCONTINENCE

see related
ENCOPRESIS

The Great Incontinence Roadshow. Isaacs B. **Isr J Med Sci** 1985 Mar;21(3):288–91

DIAGNOSIS

[Clinical aspects and treatment of functional fecal incontinence in children] Gachechiladze TV, et al. **Pediatriia** 1985 Jun;(6):42–4 (Rus)

ETIOLOGY

Faecal incontinence due to external anal sphincter division in childbirth is associated with damage to the innervation of the pelvic floor musculature: a double pathology. Snooks SJ, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):824–8

New concepts in incontinence [editorial] Swash M. **Br Med J [Clin Res]** 1985 Jan 5;290(6461):4–5

Urological aspects of the Shy-Drager syndrome: a urodynamic and telemetric investigation. Incontinence treatment by electrical pacemaker and prenalterol. Vereecken RL, et al. **Eur Urol** 1985;11(1):65–8

Incidence and correlates of incontinence in stroke patients. Brocklehurst JC, et al. **J Am Geriatr Soc** 1985 Aug;33(8):540–2

Postoperative continence assessed by electromyography of the external sphincter in anorectal malformations. Iwai N, et al. **Z Kinderchir** 1985 Apr;40(2):87–90

Anal sphincter function after surgery for high imperforate anus—a long term follow-up investigation. Molander ML, et al. **Z Kinderchir** 1985 Apr;40(2):91–6

[Neurogenic myopathy of pelvic floor and sphincter musculature in idiopathic incontinence] Beersiek F. **Fortschr Med** 1984 Sep 6;102(33):819–22 (Eng. Abstr.) (Ger)

HISTORY

Classic articles in colonic and rectal surgery. Roman R. Wreden 1867–1934. Harvey Brinton Stone 1882–1977. **Dis Colon Rectum** 1985 Jun;28(6):467–72

OCCURRENCE

Incontinence in the elderly: prevalence and prognosis. Campbell AJ, et al. **Age Ageing** 1985 Mar;14(2):65–70

The prevalence of faecal and double incontinence. Thomas TM, et al. **Community Med** 1984 Aug;6(3):216–20

PHYSIOPATHOLOGY

Abnormalities of colonic function in patients with rectal prolapse and faecal incontinence. Keighley MR, et al. **Br J Surg** 1984 Nov;71(11):892–5

Abnormalities of the innervation of the urethral striated sphincter musculature in incontinence. Snooks SJ, et al. **Br J Urol** 1984 Aug;56(4):401–5

Diagnosis of disturbances of continence and defecation. Kuijpers HC, et al. **Dis Colon Rectum** 1984 Oct;27(10):658–62

Abnormal rectoanal function in children recovered from chronic constipation and encopresis. Loening-Baucke VA. **Gastroenterology** 1984 Dec;87(6):1299–304

Anorectal incontinence and rectal prolapse: differential assessment of the innervation to puborectalis and external anal sphincter muscles. Snooks SJ, et al. **Gut** 1985 May;26(5):470–6

Damage to the innervation of the voluntary anal and periurethral sphincter musculature in incontinence: an electrophysiological study. Snooks SJ, et al. **J Neurol Neurosurg Psychiatry** 1984 Dec;47(12):1269–73

Gastrointestinal transit time and anorectal manometry in children with fecal soiling. Cucchiara S, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):545–50

Abnormalities in central and peripheral nerve conduction in patients with anorectal incontinence. Snooks SJ, et al. **J R Soc Med** 1985 Apr;78(4):294–300

Solid-sphere test for examination of anal sphincter strength. Ling L, et al. **Scand J Gastroenterol** 1984 Oct;19(7):960–4

[Evaluation of the tonus of the large intestine in disorders or absence of the obturator apparatus] Khankin SL, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):91–4 (Eng. Abstr.) (Rus)

PREVENTION & CONTROL

Irrigation management of sigmoid colostomy. Jao SW, et al. **Arch Surg** 1985 Aug;120(8):916–7

Biofeedback training to obtain continence in permanent colostomy. Experience of two centers. Rebos G, et al. **Dis Colon Rectum** 1985 Jun;28(6):419–21

The management of dehydration and incontinence in nonambulatory geriatric patients. Spangler PF, et al. **J Appl Behav Anal** 1984 Fall;17(3):397–401

Continent ileostomy. Keller RJ, et al. **Mt Sinai J Med (NY)** 1984 Jul–Aug;51(4):473–8

[18 years' experience with continent ileostomy] Kock NG, et al. **Chirurg** 1985 May;56(5):299–304 (Ger)

[Principles and results of narrow rectum continence resection in cancer] Stelzner F, et al. **Langenbecks Arch Chir** 1984;363(1):17–30 (Eng. Abstr.) (Ger)

[Significance of the suture technic and anastomosis sites for continence following deep rectum resection] Jostarndt L, et al. **Zentralbl Chir** 1985;110(11):664–70 (Eng. Abstr.) (Ger)

[Comparative studies of local recurrence following sphincter preserving anterior rectal resection and primary rectal excision 1980–1983] von Gottberg C, et al. **Zentralbl Chir** 1985;110(2–3):172–6 (Eng. Abstr.) (Ger)

SURGERY

Anal incontinence following obstetrical injury. Corman ML. **Dis Colon Rectum** 1985 Feb;28(2):86–9

Overlapping sphincteroplasty for acquired anal incontinence. Fang DT, et al. **Dis Colon Rectum** 1984 Nov;27(11):720–2

Rectal prolapse and anal incontinence treated with a modified

Roscoe Graham operation. Klaaborg KE, et al. **Dis Colon Rectum** 1985 Aug;28(8):582–4

Gracilis muscle transposition in the treatment of fecal incontinence. Long-term follow-up and evaluation of anal pressure recordings. Leguit P Jr, et al. **Dis Colon Rectum** 1985 Jan;28(1):1–4

Electrophysiologic and manometric assessment of failed postanal repair for anorectal incontinence. Snooks SJ, et al. **Dis Colon Rectum** 1984 Nov;27(11):733–6

Anal sphincter substitute using autologous smooth muscle in a fold-over, half-cylinder, double plasty (SMFD-plasty): a new method of treatment of anorectal incontinence. Hofmann-von Kap-herr S, et al. **J Pediatr Surg** 1985 Apr;20(2):134–7

Postanal repair in the treatment of faecal incontinence. van Vroonhoven TJ, et al. **Neth J Surg** 1984 Dec;36(6):160–2

Surgically correctable fecal incontinence. Petrino RA, et al. **South Med J** 1985 Feb;78(2):130–3

Operative therapy for anal incontinence. Schoetz DJ Jr. **Surg Clin North Am** 1985 Feb;65(1):35–46 (16 ref.)

[Free autogenous skeletal muscle transplantation for anal incontinence in children—animal experiment and clinical application] Liu GL. **Chung Hua Wai Ko Tsa Chih** 1984 Sep;22(9):519–21, 572 (Eng. Abstr.) (Chi)

[Our surgical method for acquired anal incontinence] Knoch HG. **Rozhl Chir** 1985 Jun;64(6):460–5 (Eng. Abstr.) (Cze)

[Transabdominal circumrectal use of Schmidt-plasty with free transplanted autologous intestinal musculature in complete anal sphincter incontinence] Köle W, et al. **Chirurg** 1985 Apr;56(4):276–9 (Ger)

[Late results following smooth muscle sphincter replacement] Schmidt E. **Chirurg** 1985 May;56(5):305–10 (Ger)

[Surgical correction of anal sphincter incompetence in children] Shchitinin VE, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):68–71 (Eng. Abstr.) (Rus)

THERAPY

Biofeedback for gastrointestinal disorders: a review of the literature. Marzuk PM. **Ann Intern Med** 1985 Aug;103(2):240–4 (22 ref.)

A components analysis of biofeedback in the treatment of fecal incontinence. Latimer PR, et al. **Biofeedback Self Regul** 1984 Sep;9(3):311–24

New concepts in incontinence [letter] Smith N. **Br Med J [Clin Res]** 1985 Feb 2;290(6465):396

A treatment programme for faecal incontinence. Wakefield MA, et al. **Dev Med Child Neurol** 1984 Oct;26(5):613–6

Biofeedback treatment of fecal incontinence in geriatric patients. Whitehead WE, et al. **J Am Geriatr Soc** 1985 May;33(5):320–4

[Optical-acoustical analogous biofeedback conditioning in the treatment of fecal incontinence in childhood] Koltai JL, et al. **Z Kinderchir** 1984 Dec;39(6):389–91 (Eng. Abstr.) (Ger)

[Electrotherapy in anal incontinence] Melzer B, et al. **Zentralbl Chir** 1985;110(11):699–704 (Ger)

[Anal incontinence] Signorelli I, et al. **Chir Ital** 1983 Jun;35(3):358–91 (Eng. Abstr.) (Ita)

[Fecal incontinence—a review. Simple measures can give good therapeutic results] Ling L. **Lakartidningen** 1985 Feb 6;82(6):392–3 (Swe)

FECES

see related

MANURE

MELENA

Fiber intakes, stool frequency, and stool weights of subjects consuming self-selected diets. Kelsay JL, et al. **Am J Clin Nutr** 1984 Dec;40(6 Suppl):1357–60

Carcinoma of colon and appendix related to faecal stasis. Bett NJ. **Ann Gastroenterol Hepatol (Paris)** 1984 Oct–Nov;20(5):229–31

Effects of metronidazole on intestinal transit time and faecal weights of human subjects. Kurpad AV, et al. **Clin Exp Pharmacol Physiol** 1984 Sep–Oct;11(5):551–3

An arthritic woman with feculent emesis. Molina A. **Hosp Pract [Off]** 1985 Sep 15;20(9):82CC, 82FF

Biological inactivation by faeces of antimicrobial drugs applicable in selective decontamination of the digestive tract. Veringa EM, et al. **J Antimicrob Chemother** 1984 Dec;14(6):605–12

Protective role of faecal pH in experimental colon carcinogenesis. Samelson SL, et al. **J R Soc Med** 1985 Mar;78(3):230–3

Bowel function of healthy men consuming liquid diets with and without dietary fiber. Slavin JL, et al. **JPEN J Parenter Enteral Nutr** 1985 May–Jun;9(3):317–21

Human fecal fractions can produce nuclear damage in the colonic epithelial cells of mice. Suzuki K, et al. **Mutat Res** 1984 Sep;141(1):35–9

[Ruminal drinkers and clay defecators] de Visser NA, et al. **Tijdschr Diergeneeskd** 1984 Oct 15;109(20):800–4 (Eng. Abstr.) (Dut)

[Stercoral peritonitis caused by sigmoid diverticula. Apropos of 29 cases] Testas P, et al. **Chirurgie** 1984;110(6–7):670–1 (Fre)

[Unusual complication of costal fracture. Stercoraceous pyopneumothorax (letter)] Gaucher L, et al. **Presse Med** 1985 May 18;14(20):1154 (Fre)

[Experience in the use of paper diagnostic tests for chemical and bacteriological studies of feces in clinical diagnostic laboratories] Mironova II. **Lab Delo** 1984;(12):719–22 (Eng. Abstr.) (Rus)

ANALYSIS

Intestinal water-soluble mucins in germfree, exgermfree and conventional animals. Gustafsson BE, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Oct;92(5):247–52

Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer. Determination of fiber and fiber constituents in food and stools. Kurup PA, et al. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):961–3

Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer. Composition, intake, and excretion of fiber constituents. Kurup PA, et al. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):942–6

Effect of dietary cholesterol and degree of fat unsaturation on plasma lipid levels, lipoprotein composition, and fecal steroid excretion in normal young adult men. Oh SY, et al. **Am J Clin Nutr** 1985 Sep;42(3):399–413

Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer. In situ bromination for the separation of the cholesterol-cholestanol pair in human fecal extracts. Turjman N, et al. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):952–6

Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer. Amberlite XAD-2 in the determination of human fecal bile acids. Turjman N, et al. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):957–60

Influence of dietary cis- and trans-fat on 1,2-dimethylhydrazine-induced colon tumors and fecal steroid excretion in Fischer 344 rats. Watanabe M, et al. **Am J Clin Nutr** 1985 Sep;42(3):475–84

Characterization and evaluation of immunochemical methods for the measurement of fecal alpha 1-antitrypsin. Buffone GJ, et al. **Am J Clin Pathol** 1985 Mar;83(3):326–30

Quantitation of free and conjugated bile acids in human feces using a high-pressure liquid chromatography counterion method. Ferguson LR, et al. **Anal Biochem** 1984 Dec;143(2):325–32

Stool electrolyte and osmolality measurements in the evaluation of diarrheal disorders. Shiau YF, et al. **Ann Intern Med** 1985 Jun;102(6):773–5

Identification of various T-2 toxin metabolites in chicken excreta and tissues. Visconti A, et al. **Appl Environ Microbiol** 1985 May;49(5):1246–50

Total arsenic determination in urine and faeces of soldiers after a gas attack by atomic absorption spectrophotometry using the MHS-20 hydride generating system. Heyndrickx A, et al. **Arch Belg** 1984;Suppl:90–101

Excretion of (sulfated) steroids in the urine and excretion of cholesterol sulfate in the feces of boys with recessive X-linked ichthyosis. Marinkovic-Ilsen A, et al. **Arch Dermatol Res** 1984;276(6):364–9

Relationship between changes in plasma lipoprotein concentrations and fecal steroid excretion in man during consumption of four experimental diets. Kay RM, et al. **Atherosclerosis** 1985 Apr;55(1):15–23

Olfactory, gas chromatographic and mass-spectral analyses of fecal volatiles traced to ingested licorice and apple. Moore JG, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):339–46

Protein conservation by the immature intestine. Sivan Y, et al. **Biol Neonate** 1985;47(1):32–5

Excretion of radioactivity in faeces and urine of rats injected with 3H,14C-lipopolysaccharide. Kleine B, et al. **Br J Exp Pathol** 1985 Jun;66(3):303–8

Identification of ring oxidized metabolites of 1-nitropyrene in the feces and urine of germfree F344 rats. El-Bayoumy K, et al. **Carcinogenesis** 1984 Oct;5(10):1371–3

Mutagenicity of urine and faeces after treatment of rats with known genotoxins. Willems MI, et al. **Carcinogenesis** 1985 Jul;6(7):967–76

Rapid procedure for fecal porphyrin assay. Lockwood WH, et al. **Clin Chem** 1985 Jul;31(7):1163–7

Determination of lysozyme in serum, urine, cerebrospinal fluid and feces by enzyme immunoassay. Brouwer J, et al. **Clin Chim Acta** 1984 Sep 15;142(1):21–30

Fecal lipid chromatography—identification of an unusual fraction in relation to colon cancer. Peuchant E, et al. **Clin Chim Acta** 1984 Aug 31;141(2–3):151–68

The contribution of endogenous urea to faecal ammonia in man, determined by 15N labelling of plasma urea. Wrong OM, et al. **Clin Sci** 1985 Feb;68(2):193–9

Fecal bile acid excretion pattern in colonic cancer patients. Breuer NF, et al. **Dig Dis Sci** 1985 Sep;30(9):852–9

Fecal odorgrams. A method for partial reconstruction of ancient and modern diets. Moore JG, et al. **Dig Dis Sci** 1984 Oct;29(10):907–11

Faecal weight, constituents, colonic motility, and lactose tolerance in the irritable bowel syndrome. Eastwood MA, et al. **Digestion** 1984;30(1):7–12

Enzymatic determination of unconjugated oestrogens in faeces for pregnancy diagnosis in mares. Bamberg E, et al. **Equine Vet J** 1984 Nov;16(6):537–9

The effect of a glucose polymer mixture (caloreen) on stool composition in normal neonates. Russell G, et al. **Eur J Pediatr** 1984 Nov;143(1):32–4

Cholestyramine-enhanced fecal elimination of carbon-14 in rats after administration of ammonium [14C]perfluorooctanoate or potassium [14C]perfluorooctanesulfonate. Johnson JD, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):972–6

Fecal bile acid profiles of Japanese patients with adenomatous polyps of the large bowel: special reference to distribution, multiplicity, size and degree of dysplasia of the polyps. Tanida N, et al. **Gann** 1985 Feb;76(2):104–12

Diagnostic value of fecal fat concentration [letter] Feurle GE. **Gastroenterology** 1985 Mar;88(3):857–8

Fecal fat concentration: determinants and diagnostic value [letter] Hofmann AF, et al. **Gastroenterology** 1985 Jul;89(1):231–3

Quantitative fecal recovery of ingested hemoglobin-heme in blood: comparisons by HemoQuant assay with ingested meat and fish. Schwartz S, et al. **Gastroenterology** 1985 Jul;89(1):19–26

Simultaneous assessment of fat maldigestion and fat malabsorption by a double-isotope method using fecal radioactivity. Thorsgaard Pedersen N, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):47–54

Role of the faecal stream in the maintenance of Crohn's colitis. Harper PH, et al. **Gut** 1985 Mar;26(3):279–84

Methane excretion in man—a study of breath, flatus, and faeces. McKay LF, et al. **Gut** 1985 Jan;26(1):69–74

N-nitrosoproline excretion in urine, faeces and milk from cows in relation to feed composition. van Broekhoven LW, et al. **IARC Sci Publ** 1984;(57):205–12

Stool pH and sugar in preterm neonates. Gupta AP, et al. **Indian J Pediatr** 1984 Jul–Aug;51(411):391–3

Fecal pellets from a commensal shrew (Suncus murinus) and a house gecko (Gekkonidae). Olsen AR. **J Assoc Off Anal Chem** 1984 Nov–Dec;67(6):1035–6

Rubner's test for lactose in urine applied for lactose in stool [letter] Chaudhary SK, et al. **J Assoc Physicians India** 1985 Feb;33(2):184–5

Faecal lipid chromatography. I. Quantitative determination with chromarods. Peuchant E, et al. **J Chromatogr** 1984 Oct 12;310(2):297–305

Selective liquid chromatographic isolation and gas chromatographic-mass spectrometric analysis of ketonic bile acids in faeces. Tandon R, et al. **J Chromatogr** 1984 Oct 19;302:1–14

Studies of metabolites in diarrheal stool specimens containing Shigella species by frequency-pulsed electron capture gas-liquid chromatography. Brooks JB, et al. **J Clin Microbiol** 1985 Apr;21(4):599–606

Studies of stools from pseudomembranous colitis, rotaviral, and other diarrheal syndromes by frequency-pulsed electron capture gas-liquid chromatography. Brooks JB, et al. **J Clin Microbiol** 1984 Sep;20(3):549–60

Rapid differentiation of enterotoxigenic Escherichia coli that produce heat-stable and heat-labile toxins by frequency-pulsed electron capture gas-liquid chromatography analysis of diarrheal stool specimens. Brooks JB, et al. **J Clin Microbiol** 1984 Dec;20(6):1145–53

Enzyme-linked immunosorbent assay for detection of Clostridium botulinum type A and type B toxins in stool samples of infants with botulism. Dezfulian M, et al. **J Clin Microbiol** 1984 Sep;20(3):379–83

Stool desorbing activity: a possible cause of false-positive reactions in competitive enzyme immunoassays. Hanvanich M, et al. **J Clin Microbiol** 1985 Feb;21(2):184–8

Latex agglutination test for detection of Clostridium difficile toxin in stool samples. Shahrabadi MS, et al. **J Clin Microbiol** 1984 Sep;20(3):339–41

Significance of stool toxin determination to Clostridium difficile diarrhoea. Chang TW. **J Diarrhoeal Dis Res** 1984 Mar;2(1):41–2

Fractionation of fecal neutral steroids by high performance liquid chromatography. Jackson EM, et al. **J Lipid Res** 1985 Jul;26(7):893–7

Detection of adenoviruses in stool specimens by nucleic acid spot hybridization. Stålhandske P, et al. **J Med Virol** 1985 Jul;16(3):213–8

Composition of fecal fiber from human subjects. Marlett JA, et al. **J Nutr** 1985 May;115(5):650–60

Enteric protein loss in necrotizing enterocolitis as measured by fecal alpha 1-antitrypsin excretion. Shulman RJ, et al. **J Pediatr** 1985 Aug;107(2):287–9

Fecal alpha 1-antitrypsin and infant feeding. Woodruff C, et al. **J Pediatr** 1985 Feb;106(2):228–32

Reliability and usefulness of random fecal alpha 1-antitrypsin concentration: further simplification of the method. Magazzù G, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):402–7

Influence of microbial bile salt desulfation upon the fecal excretion of bile salts in gnotobiotic rats. Eyssen H, et al. **J Steroid Biochem** 1985 Apr;22(4):547–54

Analysis of metabolic profiles of steroids in faeces of healthy subjects undergoing chenodeoxycholic acid treatment by liquid-gel chromatography and gas-liquid chromatography-mass spectrometry. Owen RW, et al. **J Steroid Biochem** 1984 Nov;21(5):593–600

Further comparative studies on chemical properties of carcinoembryonic antigen in tumor tissues and closely related antigens in adult feces and meconium. Koga Y, et al. **Mol Immunol** 1985 Jan;22(1):67–73

Blood group specific oligosaccharides from faeces of a blood group A breast-fed infant. Sabharwal H, et al. **Mol Immunol** 1984 Nov;21(11):1105–12

Fecal mutagenicity arising from ingestion of fried ground beef in the human. Hayatsu H, et al. **Mutat Res** 1985 Aug;143(4):207–11

Leafy-green coloured infant stools [letter] Harding W, et al. **NZ Med J** 1985 Jan 23;98(771):31

Detection of Giardia lamblia antigen in the feces by counterimmunoelectrophoresis. Vinayak VK, et al. **Pediatr Infect Dis** 1985 Jul-Aug;4(4):383-6

A general system for the automation of a backflush equipped gas chromatograph and its application in the determination of fluoride in plasma and faeces. Glerum JH, et al. **Pharm Weekbl [Sci]** 1985 Jun 21;7(3):117-20

The maternal pheromone and deoxycholic acid in the survival of preweanling rats. Lee TM, et al. **Physiol Behav** 1984 Dec;33(6):931-5

Feeding suppression induced by a fecal anorexigenic substance (FS-T). Tsuda TT, et al. **Physiol Behav** 1985 May;34(5):791-8

A plastic bag freezing method for preparation of faeces for analysis. Giese B, et al. **Scand J Clin Lab Invest** 1985 May;45(3):287-8

Deconjugation of bilirubin conjugates and urobilin formation by conventionalized germ-free rats. Saxerholt H, et al. **Scand J Clin Lab Invest** 1984 Oct;44(6):573-7

Methods for determination of conjugated bilirubin in rat faeces. Saxerholt H, et al. **Scand J Clin Lab Invest** 1984 Oct;44(6):565-71

A simplified method for estimating mean values of multiple specimens. Tougaard L, et al. **Scand J Clin Lab Invest** 1985 Sep;45(5):477-80

Application of electroblotting technique to studies of the intestinal antibody response to extractable fecal antigens. Folkersen J, et al. **Scand J Gastroenterol** 1985 Mar;20(2):247-53

Faecal steroids after jejunoileal bypass with 3:1 or 1:3 jejunoileal ratio. Sørensen TI, et al. **Scand J Gastroenterol** 1985 Mar;20(2):205-8

Idiopathic bile acid diarrhoea reconsidered. Thaysen EH. **Scand J Gastroenterol** 1985 May;20(4):452-6

Changes in the oropharyngeal and colon microflora in relation to antimicrobial concentrations in saliva and faeces. Heimdahl A, et al. **Scand J Infect Dis [Suppl]** 1985;44:52-8

Assay of mutagens in aqueous fecal extracts with a modified ames Salmonella test. Shaw R, et al. **Teratogenesis Carcinog Mutagen** 1985;5(1):15-27

Fecal bile acid excretion in patients with colon cancer, colon polyp and peptic ulcer. Makino T. **Tokai J Exp Clin Med** 1984 Oct;9(4):297-305

Are colon bacteria a major source of cobalamin analogues in human tissues? 24-hr human stool contains only about 5 micrograms of cobalamin but about 100 micrograms of apparent analogue (and 200 micrograms of folate). Herbert V, et al. **Trans Assoc Am Physicians** 1984;97:161-71

Use of the enzyme-linked immunosorbent assay (ELISA) for detection of Entamoeba histolytica antigen in faecal samples. Randall GR, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):593-5

Faecal chymotrypsin for investigation of exocrine pancreatic function: a comparison of two newly developed tests with the titrimetric method. Ehrhardt-Schmelzer S, et al. **Z Gastroenterol** 1984 Nov;22(11):647-51

[Deferoxamine in hemosiderosis. Fecal iron excretion during continuous subcutaneous infusion] Krüger N, et al. **Dtsch Med Wochenschr** 1984 Nov 2;109(44):1682-5 (Eng. Abstr.) (Ger)

[Chymotrypsin determination in feces: an indirect pancreatic function test] Lankisch PG, et al. **Dtsch Med Wochenschr** 1984 Oct 5;109(40):1527-9 (Ger)

[Isolation and quantification of nonsulfated and sulfated bile acids in the feces] Breuer N, et al. **J Clin Chem Clin Biochem** 1984 Sep;22(9):623-31 (Eng. Abstr.) (Ger)

[Applicability of estrogen determination in feces to the diagnosis of pregnancy in cattle] Bamberg E, et al. **Zentralbl Veterinarmed [A]** 1985 Feb;32(2):119-22 (Eng. Abstr.) (Ger)

[Fecal clearance of alpha 1-antitrypsin in childhood] Pilotti G, et al. **Minerva Pediatr** 1984 May 31;36(10):535-9 (Eng. Abstr.) (Ita)

[Detection of Shigella antigens in the feces of patients with acute intestinal diseases using a coagglutination reaction] Tishchenko MS. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):45-8 (Eng. Abstr.) (Rus)

CYTOLOGY

Fecal leucocytes in acute diarrhea. Patel P, et al. **Indian Pediatr** 1984 Mar;21(3):191-4

The early diagnosis of Campylobacter enteritis by wet-mount examination. Murray BJ. **J Fam Pract** 1985 Mar;20(3):305-8

[Alpha 1-antitrypsin and the percentage of fecal excretion of 111In-oxin-labeled leukocytes in Crohn disease (letter)] Fischbach W, et al. **Dtsch Med Wochenschr** 1985 Aug 2;110(31-32):1233 (Ger)

ENZYMOLOGY

Occurrence of trypsin inhibitors in colostrum, meconium, and faeces of different species of ungulates and carnivores. Baintner K. **Acta Vet Hung** 1984;32(1-2):91-5

The distribution of chymotrypsin within the feces and description of a new device for the preparation of stool samples. Kaspar P, et al. **Clin Chem** 1984 Nov;30(11):1864-6

New photometric assay for chymotrypsin in stool. Kaspar P, et al. **Clin Chem** 1984 Nov;30(11):1753-7

Proposed reference values for fecal chymotrypsin as measured photometrically [letter] Melzi d'Eril GV, et al. **Clin Chem** 1985 Jun;31(6):1088-9

The use of fecal alkaline phosphatase as an indicator of intestinal damage. Thomas DW, et al. **Digestion** 1985;31(2-3):82-8

Fecal alpha 1-antitrypsin measurement: an indicator of Crohn's disease activity. Meyers S, et al. **Gastroenterology** 1985 Jul;89(1):13-8

Faecal sulphatase in health and in inflammatory bowel disease. Rhodes JM, et al. **Gut** 1985 May;26(5):466-9

Faecal mucus degrading glycosidases in ulcerative colitis and Crohn's disease. Rhodes JM, et al. **Gut** 1985 Aug;26(8):761-5

Lactobacillus feeding alters human colonic bacterial enzyme activities. **Nutr Rev** 1984 Nov;42(11):374-6

[Determination of chymotrypsin in the feces by a new photometric method] Dockter G, et al. **Padiatr Padol** 1985;20(3):257-65 (Eng. Abstr.) (Ger)

[Fecal chymotrypsin test in the diagnosis of pancreatic insufficiency] Lami F, et al. **Recenti Prog Med** 1985 Feb;76(2):95-9 (Eng. Abstr.) (Ita)

[Determination of chymotrypsin in stools with a new kit] Tauchi K, et al. **Rinsho Byori** 1985 Jun;33(6):645-51 (Jpn)

[Comparative study between the Lundh test and fecal chymotrypsin in chronic pancreatitis] de las Heras G, et al. **Rev Esp Enferm Apar Dig** 1985 Jan;67(1):57-61 (Eng. Abstr.) (Spa)

IMMUNOLOGY

Enzyme-linked immunosorbent assay, using monoclonal antibody, to detect enterotoxic Escherichia coli K99 antigen in feces of dairy calves. Holley DL, et al. **Am J Vet Res** 1984 Dec;45(12):2613-6

Immunoglobulin E in feces from children with allergy. Evidence of local production of IgE in the gut. Kolmannskog S, et al. **Int Arch Allergy Appl Immunol** 1985;76(2):133-7

Detection of immunoglobulin E in feces by immunoprecipitation, and characterization of associated non-immunoglobulin precipitins. Kolmannskog S, et al. **Int Arch Allergy Appl Immunol** 1985;76(3):226-31

Chronic shedding of bovine enteric coronavirus antigen-antibody complexes by clinically normal cows. Crouch CF, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1489-500

Demonstration of specific IgA in human feces after immunization with live Ty21a Salmonella typhi vaccine. Cancellieri V, et al. **J Infect Dis** 1985 Mar;151(3):482-4

[Fixation of antibodies by covalent bonds to polystyrene: use of the immunoenzyme technic for the detection of Escherichia coli K99 in calf feces] Perrin B, et al. **Ann Rech Vet** 1984;15(3):375-9 (Eng. Abstr.) (Fre)

[ELISA for the detection of K99 fimbrial antigen of enterotoxic E. coli in feces] Schneider E, et al. **Schweiz Arch Tierheilkd** 1984 Dec;126(12):607-20 (Eng. Abstr.) (Ger)

METABOLISM

The correlation between cholecystectomy and fecal bile acids, and large-bowel cancer induced with 1,2-dimethylhydrazine in mice. Narisawa T, et al. **Dis Colon Rectum** 1985 Jan;28(1):27-30

MICROBIOLOGY

The composition of the faecal microflora in breastfed and bottle fed infants from birth to eight weeks. Lundequist B, et al. **Acta Paediatr Scand** 1985 Jan;74(1):45-51

The establishment of some microflora associated biochemical characteristics in feces from children during the first years of life. Norin KE, et al. **Acta Paediatr Scand** 1985 Mar;74(2):207-12

Evaluation of two commercial kits for rapid detection of human rotavirus in feces: Rotalex, a latex agglutination test and Rotavirus ELISA Kit. Jensen A. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Apr;93(2):159-60

The association of Streptococcus bovis fecal carriage and colon neoplasia: possible relationship with polyps and their premalignant potential. Burns CA, et al. **Am J Gastroenterol** 1985 Jan;80(1):42-6

Colonic bacterial flora and serum cholesterol: alterations induced by dietary citrus pectin. Vargo D, et al. **Am J Gastroenterol** 1985 May;80(5):361-4

Impact of imipenem/cilastatin therapy on normal fecal flora. Wexler HM, et al. **Am J Med** 1985 Jun 7;78(6A):41-6

The prevalence of Toxocara species ova in backyards and gardens of Baltimore, Maryland. Childs JE. **Am J Public Health** 1985 Sep;75(9):1092-4

Fecal rotaviruses, adenoviruses, coronavirus-like particles, and small round viruses in a cohort of rural Costa Rican children. Simhon A, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):931-6

Comparison of rectal mucosal cultures and fecal cultures in detecting Salmonella infection in horses and cattle. Palmer JE, et al. **Am J Vet Res** 1985 Mar;46(3):697-8

Faecal pollution and shellfish hygienic condition. Volterra L, et al. **Ann Ist Super Sanita** 1983;19(2-3):317-21

Trimethoprim resistance plasmids. Amyes SG, et al. **Ann Microbiol (Paris)** 1984 Sep-Oct;135B(2):177-86

Modified Köster staining method for the diagnosis of cryptosporidiosis. Kageruka P, et al. **Ann Soc Belg Med Trop** 1984 Jun;64(2):171-5

Changes in the pharmacokinetics of ciprofloxacin and fecal flora during administration of a 7-day course to human volunteers. Brumfitt W, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):757-61

Effect of aztreonam on throat and stool flora of cancer patients. Jones PG, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):941-3

Impact of cefoperazone therapy on fecal flora. Mulligan ME, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):226-30

Alterations in human fecal flora, including ingrowth of Clostridium difficile, related to cefoxitin therapy. Mulligan ME, et al. **Antimicrob Agents Chemother** 1984 Sep;26(3):343-6

Selective decontamination and the anaerobic faecal flora. Hazenberg MP, et al. **Antonie Van Leeuwenhoek** 1984;50(5-6):683-9

The human faecal flora and Crohn's disease. van de Merwe JP. **Antonie Van Leeuwenhoek** 1984;50(5-6):691-700 (46 ref.)

Characterization of plant polysaccharide- and mucin-fermenting anaerobic bacteria from human feces. Bayliss CE, et al. **Appl Environ Microbiol** 1984 Sep;48(3):626-32

Anaerobic incubation of membrane filter cultures for improved detection of fecal coliforms from recreational waters. Doyle JD, et al. **Appl Environ Microbiol** 1984 Aug;48(2):324-6

Analysis of sample preparation procedures for enumerating fecal coliforms in coarse southwestern U.S. bottom sediments by the most-probable-number method. Doyle JD, et al. **Appl Environ Microbiol** 1984 Oct;48(4):881-3

Detection of false-positives among total and fecal coliform counts by factorial analysis of correspondence. Joncas M, et al. **Appl Environ Microbiol** 1985 Jan;49(1):229-31

Evaluation of m-T7 agar as a fecal coliform medium. LeChevallier MW, et al. **Appl Environ Microbiol** 1984 Aug;48(2):371-5

Metabolism of the benzidine-based azo dye Direct Black 38 by human intestinal microbiota. Manning BW, et al. **Appl Environ Microbiol** 1985 Jul;50(1):10-5

Methanogens and anaerobes in a colon segment isolated from the normal fecal stream. Miller TL, et al. **Appl Environ Microbiol** 1984 Aug;48(2):449-50

Occurrence of Campylobacter jejuni and Giardia species in muskrat (Ondatra zibethica). Pacha RE, et al. **Appl Environ Microbiol** 1985 Jul;50(1):177-8

Method for improving the detection of viruses in fecal samples. Pontefract RD, et al. **Appl Environ Microbiol** 1985 Feb;49(2):456-8

Enrichment medium for isolation of Campylobacter jejuni-Campylobacter coli. Rogol M, et al. **Appl Environ Microbiol** 1985 Jul;50(1):125-6

Effect of fecal pollution on Vibrio parahaemolyticus densities in an estuarine environment. Watkins WD, et al. **Appl Environ Microbiol** 1985 May;49(5):1307-13

Micro-organisms in gastroenteritis. Ellis ME, et al. **Arch Dis Child** 1984 Sep;59(9):848-55

Intestinal permeability changes and excretion of micro-organisms in stools of infants with diarrhoea and vomiting. Weaver LT, et al. **Arch Dis Child** 1985 Apr;60(4):326-32

Isolation from faecal specimens of new strains of human rotavirus primarily cytopathic for stationary cell cultures without trypsin. Aglianó AM, et al. **Arch Virol** 1985;84(1-2):119-27

An enteric coronavirus of the rabbit: detection by immunoelectron microscopy and identification of structural polypeptides. Descôteaux JP, et al. **Arch Virol** 1985;84(3-4):241-50

Characterization of a new calicivirus isolated from feces of a dog. Schaffer FL, et al. **Arch Virol** 1985;84(3-4):181-95

Reduction of 17-keto steroids by anaerobic microorganisms isolated from human fecal flora. Winter J, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):208-11

A comparison of various media in the detection of Aeromonas spp. from stool samples. Figura N. **Boll Ist Sieroter Milan** 1985;64(2):167-9

Klebsiella and acute anterior uveitis. Beckingsale AB, et al. **Br J Ophthalmol** 1984 Dec;68(12):866-8

Prevalence of rotavirus and coronavirus antigens in the feces of normal cows. Crouch CF, et al. **Can J Comp Med** 1984 Jul;48(3):340-2

Antibiotic activity against pathological genito urinary and enteric gram negative rods as observed in 1983. At Public Health Laboratory, Mutare General Hospital, Zimbabwe. Kambaza A, et al. **Cent Afr J Med** 1984 Oct;30(10):195-7

Antibiotic administration and oral bacterial therapy in infants. Benoni G, et al. **Chemioterapia** 1984 Oct;3(5):291-4

Intestinal flora in the second week of life in hospitalized preterm infants fed stored frozen breast milk or a proprietary formula. Stevenson DK, et al. **Clin Pediatr (Phila)** 1985 Jun;24(6):338-41

The symptomless salmonella excretor working in the food industry. Bush MF. **Community Med** 1985 May;7(2):133-5

Evaluation of a new screening system for enteric pathogens. Hinrichs J, et al. **Diagn Microbiol Infect Dis** 1985 Sep;3(5):397-401

Community-wide surveillance of Campylobacter jejuni infection. Evaluation of a laboratory-based method. Johnson KE, et al. **Diagn Microbiol Infect Dis** 1985 Sep;3(5):389-96

Impact of short perioperative courses of cefotaxime on aerobic bacterial flora in patients undergoing transurethral prostatic resection. Grabe M, et al. **Eur J Clin Microbiol** 1985 Feb;4(1):24–9

Isolation of a previously undescribed Vibrionaceae [letter] Hansen MW, et al. **Eur J Clin Microbiol** 1984 Dec;3(6):560–1

Elimination of fecal flora by cefoperazone [letter] Hoensch HP, et al. **Eur J Clin Microbiol** 1985 Feb;4(1):67–8

Enrichment media for isolation of Clostridium difficile from faeces [letter] Levett PN, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):135–6

Effect of iron on neonatal gut flora during the first week of life. Mevissen–Verhage EA, et al. **Eur J Clin Microbiol** 1985 Feb;4(1):14–8

Impact of imipenem/cilastatin therapy on faecal flora. Nord CE, et al. **Eur J Clin Microbiol** 1984 Oct;3(5):475–7

Changing fecal Escherichia coli flora during travel. Orskov F, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):306–9

Detection of human rotavirus by nucleic acid analysis in comparison to enzyme–linked immunoassay and electron microscopy. Selb B, et al. **Eur J Clin Microbiol** 1985 Feb;4(1):41–5

Evaluation of four tests for detecting human rotavirus in feces [letter] Shinozaki T, et al. **Eur J Pediatr** 1985 Jan;143(3):238

Metabolism of mixed human colonic bacteria in a continuous culture mimicking the human cecal contents. Edwards CA, et al. **Gastroenterology** 1985 Jun;88(6):1903–9

S. amager (3,10:y:1,2): a new Salmonella serotype isolated for the first time in India. Oak SD, et al. **Indian J Pathol Microbiol** 1984 Apr;27(2):105–6

R–plasmids in intestinal Escherichia coli. Prabhakar H, et al. **Indian J Pathol Microbiol** 1984 Apr;27(2):133–8

Adhesion of a human fecal Escherichia coli strain to mouse colonic mucus. Cohen PS, et al. **Infect Immun** 1985 Apr;48(1):139–45

The prevalence of gastro–intestinal parasites and bacteria in the game scouts at the Kainji Lake National Park of Nigeria. Ogunji FO, et al. **Int J Zoonoses** 1984 Jun;11(1):119–22

The influence of single dose intravenous antibiotics on faecal flora and emergence of Clostridium difficile. Ambrose NS, et al. **J Antimicrob Chemother** 1985 Mar;15(3):319–26

An assessment of Bacteroides fragilis group organisms as indicators of human faecal pollution. Allsop K, et al. **J Appl Bacteriol** 1985 Jan;58(1):95–9

Production and metabolism of lignans by the human faecal flora. Borriello SP, et al. **J Appl Bacteriol** 1985 Jan;58(1):37–43

Anaerobic ureolytic bacteria from caecal content and soft faeces of rabbit. Crociani F, et al. **J Appl Bacteriol** 1984 Aug;57(1):83–8

Mucin degradation in human colon ecosystems. Isolation and properties of fecal strains that degrade ABH blood group antigens and oligosaccharides from mucin glycoproteins. Hoskins LC, et al. **J Clin Invest** 1985 Mar;75(3):944–53

Isolation of Bacteroides fragilis from the feces of diarrheic calves and lambs. Border M, et al. **J Clin Microbiol** 1985 Mar;21(3):472–3

Selection of nonfastidious adenovirus species in 293 cells inoculated with stool specimens containing adenovirus 40. Brown M. **J Clin Microbiol** 1985 Aug;22(2):205–9

Diagnosis of fastidious enteric adenoviruses 40 and 41 in stool specimens. Brown M, et al. **J Clin Microbiol** 1984 Sep;20(3):334–8

Evaluation of cost–effectiveness and rationale for use of a selective culture plate for isolation of Staphylococcus aureus from stool specimens. Cashman JS, et al. **J Clin Microbiol** 1984 Sep;20(3):570–1

Isolation and enumeration of Clostridium botulinum by direct inoculation of infant fecal specimens on egg yolk agar and Clostridium botulinum isolation media. Glasby C, et al. **J Clin Microbiol** 1985 Feb;21(2):264–6

Evaluation of a two–hour method for screening pathogens from stool specimens. Greene LC, et al. **J Clin Microbiol** 1984 Aug;20(2):285–7

Infections caused by Mycobacterium avium complex in immunocompromised patients: diagnosis by blood culture and fecal examination, antimicrobial susceptibility tests, and morphological and seroagglutination characteristics. Kiehn TE, et al. **J Clin Microbiol** 1985 Feb;21(2):168–73

Recovery of Salmonella group B from blood and Salmonella group C2 from feces and serological evidence of dual infection in one patient. Papasian CJ, et al. **J Clin Microbiol** 1984 Sep;20(3):584–5

Selective medium for isolation of Clostridium butyricum from human feces. Popoff MR. **J Clin Microbiol** 1984 Sep;20(3):417–20

Feasible method for routine surveillance culturing of stools from neutropenic patients. Smith JA, et al. **J Clin Microbiol** 1984 Dec;20(6):1174–6

Evaluation of a rapid method to exclude the presence of certain enteric pathogens in stool specimens. Teti G, et al. **J Clin Microbiol** 1984 Dec;20(6):1049–52

Prevalence of Clostridium difficile and its cytotoxin in infants in Mexico. Torres JF, et al. **J Clin Microbiol** 1984 Aug;20(2):274–5

New, simple medium for selective recovery of Klebsiella pneumoniae and Klebsiella oxytoca from human feces. Van Kregten E, et al. **J Clin Microbiol** 1984 Nov;20(5):936–41

Three–year prospective study of intestinal pathogens in Madrid, Spain. Velasco AC, et al. **J Clin Microbiol** 1984 Aug;20(2):290–2

Effect of antibiotic concentration in a selective medium on the isolation of Clostridium difficile from faecal specimens. Levett PN. **J Clin Pathol** 1985 Feb;38(2):233–4

Detection of rotavirus by a latex agglutination test, Rotalex: comparison with electron microscopy, immunofluorescence, polyacrylamide gel electrophoresis, and enzyme linked immunosorbent assay. Moosai RB, et al. **J Clin Pathol** 1985 Jun;38(6):694–700

Rapid detection of enteric adenovirus and rotavirus: a simple method using polyacrylamide gel electrophoresis. Moosai RB, et al. **J Clin Pathol** 1984 Dec;37(12):1404–8

Isolation and characterization of enterotoxigenic Escherichia coli from patients with traveller's diarrhoea in Osaka. Abe H, et al. **J Diarrhoeal Dis Res** 1984 Jun;2(2):83–7

A rapid test for the identification of Vibrio cholerae in stools. Lam SY. **J Diarrhoeal Dis Res** 1983 Jun;1(2):87–9

Elimination of some enteroviruses in the excrements of experimentally infected rats (Rattus norvegicus) and gulls (Larus ridibundus). Daneš L, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(3):309–18

Induction in rats of serum agglutinins to Eubacterium, Peptostreptococcus and Coprococcus species by the faecal flora from patients with Crohn's disease and healthy subjects. Hazenberg MP, et al. **J Hyg (Lond)** 1984 Oct;93(2):345–8

The effects of oxytetracycline on the intestinal Escherichia coli flora of newly weaned pigs. Hinton M, et al. **J Hyg (Lond)** 1985 Aug;95(1):77–85

The persistence of drug resistant Escherichia coli strains in the majority faecal flora of calves. Hinton M, et al. **J Hyg (Lond)** 1984 Dec;93(3):547–57

Further observations on the excretion of salmonella in the faeces of calves fed milk substitute. Hinton M, et al. **J Hyg (Lond)** 1984 Dec;93(3):539–46

A survey of Campylobacter in animals. Manser PA, et al. **J Hyg (Lond)** 1985 Aug;95(1):15–21

The development of bacterial flora of premature neonates. Rotimi VO, et al. **J Hyg (Lond)** 1985 Jun;94(3):309–18

Salmonellas in Danish pigs: a comparison of three isolation methods. Skovgaard N, et al. **J Hyg (Lond)** 1985 Aug;95(1):69–75

The detection of Escherichia coli heat–labile enterotoxin by enzyme–linked immunosorbent assay. Clarke DR, et al. **J Infect** 1984 Nov;9(3):244–51

Antimicrobial agents and Clostridium difficile in acute enteric disease: epidemiological data from Sweden, 1980–1982. Aronsson B, et al. **J Infect Dis** 1985 Mar;151(3):476–81

Adenoviruses and pediatric gastroenteritis. Brandt CD, et al. **J Infect Dis** 1985 Mar;151(3):437–43

Rotavirus in children [letter] Burke V, et al. **J Infect Dis** 1985 Sep;152(3):646–7

Selective decontamination of the digestive tract with aztreonam: a study of 10 healthy volunteers. de Vries–Hospers HG, et al. **J Infect Dis** 1984 Nov;150(5):636–42

Bacterial translocation and gram–negative bacteremia in patients with hematological malignancies. Tancrède CH, et al. **J Infect Dis** 1985 Jul;152(1):99–103

Incidence of trimethoprim–sulfamethoxazole–resistant enterobacteriaceae among transplant recipients. Wells CL, et al. **J Infect Dis** 1984 Nov;150(5):699–706

Epimerization of the four 3,7–dihydroxy bile acid epimers by human fecal microorganisms in anaerobic mixed cultures and in feces. Setoguchi T, et al. **J Lipid Res** 1984 Nov;25(11):1246–56

Media for isolation of Aeromonas spp. from faeces. Robinson J, et al. **J Med Microbiol** 1984 Dec;18(3):405–11

Morphological response of human rotavirus to ultra–violet radiation, heat and disinfectants. Rodgers FG, et al. **J Med Microbiol** 1985 Aug;20(1):123–30

Isolation and identification of enteroviruses from faecal samples in a differentiated epithelial cell line (HRT–18) derived from human rectal carcinoma. Patel JR, et al. **J Med Virol** 1984;14(3):255–61

Rotavirus shedding by newborn children. Perez–Schael I, et al. **J Med Virol** 1984;14(2):127–36

Faecal and pharyngeal shedding of rotavirus and rotavirus IgA in children with diarrhoea. Stals F, et al. **J Med Virol** 1984;14(4):333–9

Value of methylene blue examination, dark–field microscopy, and carbol–fuchsin Gram stain in the detection of Campylobacter enteritis. Thorson SM, et al. **J Pediatr** 1985 Jun;106(6):941–3

Enteric colonization in sporadic neonatal necrotizing enterocolitis. Blakey JL, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):591–5

Metabolism of unsaturated bile acids and androstanes by human faecal bacteria. Owen RW, et al. **J Steroid Biochem** 1985 Jun;22(6):817–22

Effect of prophylactic, low dose cephalexin on fecal and vaginal bacteria. Martinez FC, et al. **J Urol** 1985 Jun;133(6):994–6

Characterization of clostridia isolated from faeces of limited flora mice and their effect on caecal size when associated with germ–free mice. Itoh K, et al. **Lab Anim** 1985 Apr;19(2):111–8

Characteristic faecal flora of NC mice. Itoh K, et al. **Lab Anim** 1985 Jan;19(1):7–15

Clinical features of sporadic non–A, non–B hepatitis possibly associated with faecal–oral spread [letter] Caredda F, et al. **Lancet** 1985 Aug 24;2(8452):444–5

Faecal carriage of methicillin–resistant staphylococci [letter] Hone R, et al. **Lancet** 1985 Aug 24;2(8452):445–6

Planar lattices in faeces of babies [letter] Moura Nunes JF, et al. **Lancet** 1984 Nov 24;2(8413):1218–9

Cryptosporidium in stools [letter] Blakey J. **Med J Aust** 1984 Nov 10;141(10):686

The intestinal microflora of infants: composition of fecal flora in breast–fed and bottle–fed infants. Benno Y, et al. **Microbiol Immunol** 1984;28(9):975–86

Comparison of methods for the enumeration of fecal coliforms exposed to certain synfuel process waters. Adams JC. **Microbiologica** 1985 Jan;8(1):79–83

Species of the Bifidobacterium in the feces of infants. Biavati B, et al. **Microbiologica** 1984 Oct;7(4):341–5

Lactobacillus lactis as dominant lactobacilli flora in human intestine. Dellaglio F, et al. **Microbiologica** 1984 Oct;7(4):381–3

Quantitative culture of Rhodococcus equi from the feces of horse. Nakazawa M, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Summer;23(2):67–8

Incompatibility groups of R plasmids in Escherichia coli isolated from animal waste. Hanzawa Y, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):453–7

The effects of prey bacterial density and temperature on the growth of Colpoda inflata and its feeding on porcine fecal bacteria. Kubokura Y, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):831–6

Fecal examinations for diagnosis of canine parvovirus infection. Mochizuki M, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):587–92

Isolation of a rotavirus from canine diarrheal feces. Mochizuki M, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):905–8

The use of membrane filters applied directly to the surface of agar plates for the isolation of Campylobacter jejuni from feces. Steele TW, et al. **Pathology** 1984 Jul;16(3):263–5

Selective inhibition of enterobacteriaceae in fecal flora of children by oral trimethoprim–sulfamethoxazole. Fujita K, et al. **Pediatr Infect Dis** 1984 Nov–Dec;3(6):530–3

Composition of, and cholate transformation by, the predominant fecal flora of patients with colon or rectal cancer and matched controls. Edenharder R, et al. **Prog Clin Biol Res** 1985;181:305–9

Characterization of fusiform bacteria and clostridia isolated from feces of limited flora mice and their association to germfree mice. Itoh K, et al. **Prog Clin Biol Res** 1985;181:217–9

Detection of classic and invasive E. coli and Shigella serotypes in stools by indirect immunofluorescence. Dias W de O, et al. **Rev Inst Med Trop Sao Paulo** 1984 Nov–Dec;26(6):295–300

An improved medium for the isolation of Cryptococcus neoformans from pigeon droppings. Rubio M, et al. **Sabouraudia** 1984;22(4):345–6

In vitro effects of sulphasalazine, azodisal sodium, and their metabolites on Clostridium difficile and some other faecal bacteria. Sandberg–Gertzen H, et al. **Scand J Gastroenterol** 1985 Jun;20(5):607–12

Cryptosporidium in stool specimens in Madrid [letter] Lopez–Brea M, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):422–3

Infection of fowls with Newcastle disease virus by food contaminated with pigeon faeces. Alexander DJ, et al. **Vet Rec** 1984 Dec 8;115(23):601–2

Survival of Treponema hyodysenteriae in samples of dysenteric pig faeces sent by post and stored at room temperature. Taylor DJ, et al. **Vet Rec** 1985 Jan 12;116(2):48–9

Faecal bacteria of wild ruminants and the alpine marmot. Pagano A, et al. **Vet Res Commun** 1985 Jul;9(3):227–32

Characterization of Campylobacter jejuni/coli–isolates from human faeces. Holländer R. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Oct;258(1):128–34

Enteropathogenicity of Klebsiella pneumoniae strains isolated from stools of diarrhoeal patients and other clinical specimens: an experimental study. Raychaudhury A, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Oct;258(1):94–103

[Morphological response of the VERO, PK and MDBK cell lines to infections with E. coli strains isolated from feces] Korych B. **Cesk Epidemiol Mikrobiol Imunol** 1984 Nov;33(6):324–31 (Eng. Abstr.) **(Cze)**

[Rotavirus excretion in infants. Virologic and immunologic aspects] German–Fattal M, et al. **Ann Pharm Fr** 1984;42(3):227–33 (Eng. Abstr.) **(Fre)**

[Virologic and immunologic studies on rotavirus excretion in children] German A, et al. **Bull Acad Natl Med (Paris)** 1984 Jan–Feb;168(1–2):243–8 (Eng. Abstr.) **(Fre)**

[Etiology of acute infantile gastroenteritis in Gabon] Gendrel D, et al. **Bull Soc Pathol Exot Filiales** 1985;78(3):290–5 (Eng. Abstr.) **(Fre)**

[Epidemiologic study of enterotoxigenic and enteropathogenic Escherichia coli isolated from infantile diarrhea cases on the Wallis and Futuna Islands (French Overseas Territory)] Germani Y, et al. **Bull Soc Pathol Exot Filiales** 1985;78(2):141–9 (Eng. Abstr.) **(Fre)**

[Quantitative and qualitative study of the fecal flora of cirrhotic patients] Cattoen C, et al. **Pathol Biol (Paris)** 1985 Feb;33(2):111–4 (Eng. Abstr.) **(Fre)**

Effect of insulin and glucose on feeding behavior. Rodin J, et al. **Metabolism** 1985 Sep;34(9):826–31

The role of feeding rejection in Drosophila mutation assays. Gollapudi BB, et al. **Mutat Res** 1985 Sep;144(1):13–7

Injections of bombesin into the substantia nigra produce hypothermia and hypophagia in food-deprived rats. Calisher SB, et al. **Neuropharmacology** 1984 Oct;23(10):1201–6

Evidence that naloxone attenuates the consumption of food by domestic pigeons through a central influence. Deviche P, et al. **Neuropharmacology** 1984 Oct;23(10):1173–8

Cholecystokinin acts through catecholaminergic mechanisms in the hypothalamus to influence ingestive behaviour in the rat. Tsai SH, et al. **Neuropharmacology** 1984 Nov;23(11):1351–6

Behavioural pharmacology of food, water and salt intake in relation to drug actions at benzodiazepine receptors. Cooper SJ, et al. **Neurosci Biobehav Rev** 1985 Spring;9(1):5–19 (162 ref.)

Feeding induced by injections of muscimol into the substantia nigra of rats: unaffected by haloperidol but abolished by large lesions of the superior colliculus. Redgrave P, et al. **Neuroscience** 1984 Sep;13(1):77–85

CNS tissue levels of dynorphin-A immunoreactivity and the anorexia associated with sodium chloride imbibition in the rat. Bryant HU, et al. **Peptides (Fayetteville)** 1985 Jan–Feb;6(1):59–65

Peripheral motilin administration stimulates feeding in fasted rats. Garthwaite TL. **Peptides (Fayetteville)** 1985 Jan–Feb;6(1):41–4

Effects of calcitonin gene-related peptide on food intake. Krahn DD, et al. **Peptides (Fayetteville)** 1984 Sep–Oct;5(5):861–4

Peptidergic regulation of feeding in the dog (Canis familiaris). Levine AS, et al. **Peptides (Fayetteville)** 1984 Jul–Aug;5(4):675–9

Cholecystokinin and bombesin suppress operant responding for food reward. Babcock AM, et al.
Pharmacol Biochem Behav 1985 May;22(5):893–5

Clonazepam-induced hyperphagia in nondeprived rats: tests of pharmacological specificity with Ro5-4864, Ro5-3663, Ro15-1788 and CGS 9896. Cooper SJ, et al.
Pharmacol Biochem Behav 1985 May;22(5):753–60

Opiate antagonists stereoselectively attenuate the consumption of food but not of water by pigeons. Deviche P, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):507–12

Pimozide decreases the positive reinforcing effect of sham fed sucrose in the rat. Geary N, et al.
Pharmacol Biochem Behav 1985 May;22(5):787–90

Some effects of pimozide on nondeprived rats licking sucrose solutions in an anhedonia paradigm. Gramling SE, et al.
Pharmacol Biochem Behav 1984 Oct;21(4):617–24

Stereospecific reduction by narcotic antagonists of clonidine-induced food intake. Katz NL, et al.
Pharmacol Biochem Behav 1985 Apr;22(4):549–51

Chronic norepinephrine injection into the hypothalamic paraventricular nucleus produces hyperphagia and increased body weight in the rat. Leibowitz SF, et al.
Pharmacol Biochem Behav 1984 Nov;21(5):801–8

Alloxan-induced glucoprivic feeding deficits are blocked by D-glucose and amygdalin. Murnane JM, et al.
Pharmacol Biochem Behav 1985 Mar;22(3):407–13

Naloxone induced suppression of feeding in tigers. Billington CJ, et al. **Physiol Behav** 1985 Apr;34(4):641–3

Sex differences in the activational effects of gonadal hormones on food intake and body weight. Czaja JA.
Physiol Behav 1984 Oct;33(4):553–8

Aldosterone-stimulated feeding and weight gain: interactions with estrogen? Devenport L, et al. **Physiol Behav** 1984 Nov;33(5):745–9

Effect of hepatic vagotomy and/or coeliac ganglionectomy on the delayed eating response to insulin and 2DG injection in rats. Granneman J, et al. **Physiol Behav** 1984 Sep;33(3):495–7

Increase of food intake induced by glucagon in the rat. Hell NS, et al. **Physiol Behav** 1985 Jan;34(1):39–44

Effect of intracerebroventricularly infused glucagon on feeding behavior. Inokuchi A, et al. **Physiol Behav** 1984 Sep;33(3):397–400

Depression of rat feeding in familiar and novel environment by sulfated and nonsulfated cholecystokinin octapeptide. Kádár T, et al. **Physiol Behav** 1985 Mar;34(3):395–400

Ketone kinetics and D-(-)-3-hydroxybutyrate-induced inhibition of feeding in rats. Langhans W, et al.
Physiol Behav 1985 Apr;34(4):579–82

Subcutaneous glycerol injection fails to reduce food intake in rats fed a high protein diet. Langhans W, et al.
Physiol Behav 1984 May;32(5):785–9

Insulin infusion during a nocturnal fast suppresses the subsequent day-time intake. Larue-Achagiotis C, et al.
Physiol Behav 1984 Nov;33(5):719–22

Noradrenergic feeding elicited via the paraventricular nucleus is dependent upon circulating corticosterone. Leibowitz SF, et al. **Physiol Behav** 1984 May;32(5):857–64

Environment modulates naloxone's suppressive effect on feeding in diabetic and non-diabetic rats. Levine AS, et al. **Physiol Behav** 1985 Mar;34(3):391–3

Estradiol and progesterone suppress feeding induced by 2-deoxy-D-glucose. McDermott LJ, et al.
Physiol Behav 1984 May;32(5):731–6

Feeding behavior responses of Zucker rats to naloxone. McLaughlin CL, et al. **Physiol Behav** 1984 May;32(5):755–61

Intraventricular alloxan impairs feeding to both central and systemic glucoprivation. Murnane JM, et al.
Physiol Behav 1985 Apr;34(4):609–13

Insulin suppresses intake without inducing illness in sham feeding rats. Oetting RL, et al. **Physiol Behav** 1985 Apr;34(4):557–62

Failure of 2-deoxy-D-glucose to stimulate feeding in deermice. Rowland N, et al. **Physiol Behav** 1985 Jan;34(1):155–7

The time-structure of the anorectic effect of satietin. Sándor G, et al. **Physiol Behav** 1985 May;34(5):851–3

Influence of vagotomy in domestic fowls on feeding activity, food passage, digestibility and satiety effects of two peptides. Savory CJ, et al. **Physiol Behav** 1984 Dec;33(6):937–44

Neuropeptide Y injected in the paraventricular hypothalamus: a powerful stimulant of feeding behavior. Stanley BG, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3940–3

The effects of vitamin B6 deprivation with 4-deoxypyridoxine in meal-fed rats. Hoover-Plow JL, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):234–9

Benzodiazepine receptor ligands and the consumption of a highly palatable diet in non-deprived male rats. Cooper SJ, et al. **Psychopharmacology (Berlin)** 1985;86(3):348–55

Ingestive behaviour of the pigeon: stereoselective influence of the opiate agonist levorphanol and its antagonism by naloxone. Deviche P, et al. **Psychopharmacology (Berlin)** 1984;83(4):357–62

Low doses of the putative serotonin agonist 8-hydroxy-2-(di-n-propylamino) tetralin (8-OH-DPAT) elicit feeding in the rat. Dourish CT, et al.
Psychopharmacology (Berlin) 1985;86(1–2):197–204

Effects of valproate on hyponeophagia in rats: competitive antagonism with picrotoxin and non-competitive antagonism with RO 15-1788. Shephard RA, et al.
Psychopharmacology (Berlin) 1985;86(3):313–7

Pimozide attenuates free feeding: best scores analysis reveals a motivational deficit. Wise RA, et al.
Psychopharmacology (Berlin) 1984;84(4):446–51

[Ergotrophic action of flavophospholipol during the fattening of geese] Kostadinov K, et al. **Vet Med Nauki** 1985;22(2):74–80 (Eng. Abstr.) **(Bul)**

[Effect of 3-hydroxymethyl-N-methylpiperidine (4-chlorophenoxyacetate) hydrochloride on feeding behavior. Toxicity and neuropsychopharmacology] Massicot F, et al. **C R Acad Sci [III]** 1984;299(9):347–9 (Eng. Abstr.) **(Fre)**

[Role of monoaminergic systems in the development of the effect of stimulation of acetylcholinergic brain structures in the cat] Shugalev NP. **Zh Vyssh Nerv Deiat** 1985 Jan–Feb;35(1):103–9 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Circadian rhythms of food and 1% NaCl intake, urine and electrolyte excretion, plasma renin activity and insulin concentration in adrenalectomized rats. Ikonomov OC, et al. **Acta Physiol Hung** 1985;65(2):181–98

The transitional infant: behavioral development and feeding. Lipsitt LP, et al. **Am J Clin Nutr** 1985 Feb;41(2 Suppl):485–96

Chewing cycles in 4- and 5-year-old Down's syndrome children: a comparison of eating efficacy with normals. Gisel EG, et al. **Am J Occup Ther** 1984 Oct;38(10):666–70

Ecological distinctions between sympatric species of Saguinus and Sciurus. Garber PA, et al.
Am J Phys Anthropol 1984 Oct;65(2):135–46

Abdominal vagus and regulation of ingestive behavior and body weight in golden hamsters. Miceli MO.
Am J Physiol 1985 Jun;248(6 Pt 2):R686–97

Input-output relationships of identified buccal neurones involved in feeding control in Aplysia. Fiore L, et al.
Behav Brain Res 1985 Jul;16(1):37–45

Striatal influence on ingestive behaviour in the cat. Gravante G, et al. **Behav Brain Res** 1985 Jul;16(1):47–55

Asymmetry in the effects of unilateral 6-OHDA lesions on eating and drinking evoked by hypothalamic stimulation. Mittleman G, et al. **Behav Brain Res** 1985 May;15(3):263–7

Movement and non-movement related pallidal unit activity during bar press feeding behavior in the monkey. Nishino H, et al. **Behav Brain Res** 1985 Jan;15(1):27–42

Increased alpha 1-adrenergic receptor density in brown adipose tissue of cafeteria-fed rats. Raasmaja A, et al.
Biosci Rep 1984 Oct;4(10):851–9

Feeding behaviour following substantia nigra and globus pallidus stimulation in chronic cats. Sorbera F, et al.
Boll Soc Ital Biol Sper 1984 Aug 31;60(8):1593–8

Brainstem organization of interacting behavioral systems. Proceedings of a satellite symposium of the 8th annual meeting of the European Neuroscience Association, September 11, 1984, The Hague, The Netherlands.
Brain Behav Evol 1984;25(2–3):85–174

Interaction of respiration with coughing, feeding, vision and oculomotor control in fish. Ballintijn CM, et al.
Brain Behav Evol 1984;25(2–3):99–108

Brainstem mechanisms for feeding in birds: interaction or plasticity. A functional-anatomical consideration of the pathways. Dubbeldam JL. **Brain Behav Evol** 1984;25(2–3):85–98

Grasping in the pigeon: mechanisms of motor control. Deich J, et al. **Brain Res** 1985 Jul 1;337(2):362–7

Reward related neuronal activity in monkey dorsolateral prefrontal cortex during feeding behavior. Inoue M, et al. **Brain Res** 1985 Feb 11;326(2):307–12

The influence of opiate agonists on day-night feeding rhythms in young and old mice. Kavaliers M, et al.
Brain Res 1985 Feb 4;326(1):160–7

Hypothalamic alpha 2- and beta-adrenoceptor rhythms are correlated with circadian feeding: evidence from chronic methamphetamine treatment and withdrawal. Kräuchi K, et al. **Brain Res** 1984 Oct 29;321(1):83–90

Comparison of electrolytic and ibotenic acid lesions in the lateral hypothalamus. Markowska A, et al. **Brain Res** 1985 Mar 4;328(2):313–23

Monkey substantia nigra (pars reticulata) neuron discharges during operant feeding. Nishino H, et al. **Brain Res** 1985 May 13;334(1):190–3

The neural and metabolic basis of feeding. Satellite symposium of the annual meetings of the Society for Neuroscience. October 7–9, 1984. **Brain Res Bull** 1985 Jun;14(6):503–700

On-line continuous measurement of blood glucose and meal pattern in free-feeding rats: the role of glucose in meal initiation. Campfield LA, et al. **Brain Res Bull** 1985 Jun;14(6):605–16

Nutritional influences on dietary selection patterns of obese and lean Zucker rats. Castonguay TW, et al.
Brain Res Bull 1985 Jun;14(6):625–31

Satiety: an ecological perspective. Collier GH.
Brain Res Bull 1985 Jun;14(6):693–700 (29 ref.)

Impaired diet-induced thermogenesis in brown adipose tissue from rats made obese with parasagittal hypothalamic knife-cuts. Coscina DV, et al. **Brain Res Bull** 1985 Jun;14(6):585–93

Internal signals cause large changes in food intake in one-way crossed intestines rats. Koopmans HS. **Brain Res Bull** 1985 Jun;14(6):595–603

On the role of the mouth and gut in the control of saccharin and sugar intake: a reexamination of the sham-feeding preparation. Sclafani A, et al. **Brain Res Bull** 1985 Jun;14(6):569–76

Visceral factors in the control of food intake. Stricker EM, et al. **Brain Res Bull** 1985 Jun;14(6):687–92 (52 ref.)

Patterns of hyperphagia in the Zucker obese rat: a role for fat cell size and number? Vasselli JR. **Brain Res Bull** 1985 Jun;14(6):633–41

Comparison of the metabolic and behavioral disturbances following paraventricular- and ventromedial-hypothalamic lesions. Weingarten HP, et al. **Brain Res Bull** 1985 Jun;14(6):551–9

Thiarubrine A, a bioactive constituent of Aspilia (Asteraceae) consumed by wild chimpanzees. Rodriguez E, et al. **Experientia** 1985 Mar 15;41(3):419–20

Peptidergic control of food intake in food-producing animals. Baile CA, et al. **Fed Proc** 1984 Nov;43(14):2898–902 (37 ref.)

Effect of a meal on human whole blood serotonin. Anderson GM, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):86–9

Role of ovarian hormones on hoarding in rats—feedback mechanism. Borker AS, et al.
Indian J Physiol Pharmacol 1984 Oct–Dec;28(4):253–8

The neurophysiology of feeding. Rolls ET. **Int J Obes** 1984;8 Suppl 1:139–50 (71 ref.)

Aspects of ingestive behavior in cattle. Bell FR.
J Anim Sci 1984 Nov;59(5):1369–72 (16 ref.)

Control of feed intake in sheep. Della-Fera MA, et al.
J Anim Sci 1984 Nov;59(5):1362–8 (31 ref.)

Controls of feeding in pigs. Houpt TR. **J Anim Sci** 1984 Nov;59(5):1345–53 (59 ref.)

Controls of feeding in horses. Ralston SL. **J Anim Sci** 1984 Nov;59(5):1354–61 (52 ref.)

The role of the rat in research on control of ingestion: a commentary and review of recent advances in understanding brain control of food intake. Ritter RC.
J Anim Sci 1984 Nov;59(5):1373–80 (50 ref.)

Role of sensory input in the control of food intake. Fantino M. **J Auton Nerv Syst** 1984 May–Jun;10(3–4):347–58

Hormonal rhythm and feeding behavior. Hiroshige T.
J Auton Nerv Syst 1984 May–Jun;10(3–4):337–46 (22 ref.)

Selective hepatic vagotomy eliminates the hypophagic effect of different metabolites. Langhans W, et al.
J Auton Nerv Syst 1985 Jul;13(3):255–62

Metabolic and feeding patterns: role of sympathetic and parasympathetic efferent pathways. Le Magnen J.
J Auton Nerv Syst 1984 May–Jun;10(3–4):325–35 (38 ref.)

Stimulation of chemosensory pathways and intracellular alkalinization mimic cAMP activation of endogenous bursting in feeding command neurones. Gillette ML.
J Exp Biol 1984 Jul;111:239–45

Functional roles and circuitry in an inhibitory pathway to feeding command neurones in Pleurobranchaea. London JA, et al. **J Exp Biol** 1984 Nov;113:423–46

A computerized control system for a bar-press feeding task initiated by monkey vocalization. Yamamoto T, et al.
J Neurosci Methods 1985 May;13(3–4):281–94

Feeding control through bioassay of body chemistry. Oomura Y. **Jpn J Physiol** 1985;35(1):1–19 (60 ref.)

Selective attenuation of sweetened milk consumption by opiate receptor antagonists in male and female rats of the Roman strains. Cooper SJ, et al. **Neuropeptides** 1985 Feb;5(4–6):349–52

Evidence for opiate receptor involvement in the consumption of a high palatability diet in nondeprived rats. Cooper SJ, et al. **Neuropeptides** 1985 Feb;5(4-6):345-8

Electrical phenomena in the telencephalon of the pigeon during pecking. Boiko VP, et al. **Neurosci Behav Physiol** 1985 May-Jun;15(3):265-70

Food intake control in birds. Denbow DM. **Neurosci Biobehav Rev** 1985 Summer;9(2):223-32 (205 ref.)

Is regulation of body weight elucidated. Le Magnen J. **Neurosci Biobehav Rev** 1984 Winter;8(4):515-22 (115 ref.)

Cholecystokinin-immunoreactive innervation of the ventromedial hypothalamus in the rat: possible substrate for autonomic regulation of feeding. Fulwiler CE, et al. **Neurosci Lett** 1985 Feb 4;53(3):289-96

Normal pancreatic and intestinal enzymes in hypophagic growth-retarded rats that received dorsomedial hypothalamic lesions shortly after weaning. Bernardis LL, et al. **Pharmacol Biochem Behav** 1984 Aug;21(2):245-53

Autoradiographic localization of kappa opiate receptors in CNS taste and feeding areas. Lynch WC, et al. **Pharmacol Biochem Behav** 1985 May;22(5):699-705

Medial and lateral amygdalectomy differentially influences consummatory negative contrast. Becker HC, et al. **Physiol Behav** 1984 Nov;33(5):707-12

The effect of liver denervation on meal patterns, body weight and body composition of rats. Bellinger LL, et al. **Physiol Behav** 1984 Oct;33(4):661-7

Plasma corticosterone and meal expectancy in rats: effects of low probability cues. Coover GD, et al. **Physiol Behav** 1984 Aug;33(2):179-84

Effects of serotonin-depleting midbrain lesions on the defense of hypothalamic obesity. Coscina DV, et al. **Physiol Behav** 1984 Oct;33(4):575-9

Response of monkeys to intragastric preloads: limitations on caloric compensation. Foltin RW, et al. **Physiol Behav** 1984 Nov;33(5):791-8

The pineal gland and opiate-induced feeding. Gosnell BA, et al. **Physiol Behav** 1985 Jan;34(1):1-6

Lesions of the globus pallidus and striatum attenuate ketocyclazocine-induced feeding. Gosnell BA, et al. **Physiol Behav** 1984 Sep;33(3):349-55

Inhibitory controls of ingestion in 6-day-old rat pups. Hall WG, et al. **Physiol Behav** 1984 May;32(5):831-41

Ventromedial hypothalamic lesions in rats: gradual elevation of body weight set-point. Hallonquist JD, et al. **Physiol Behav** 1984 Nov;33(5):831-6

Temperature dependent attraction by goldfish to a chemical feeding cue presented alone and in combination with heated water. Jones KA. **Physiol Behav** 1984 Oct;33(4):509-15

Opioid-induced feeding in the slug, Limax maximus. Kavaliers M, et al. **Physiol Behav** 1984 Nov;33(5):765-7

Diet selection following area postrema/nucleus of the solitary tract lesions. Kenney NJ, et al. **Physiol Behav** 1984 May;32(5):749-53

The effects of ileal transposition and jejunoileal bypass on food intake and GI hormone levels in rats. Koopmans HS, et al. **Physiol Behav** 1984 Oct;33(4):601-9

Behavioral correlates of oral and postingestive satiety in the rat. Kushner LR, et al. **Physiol Behav** 1984 Nov;33(5):713-8

Investigation of the nature of the 'stretch response' in suckling rats. Lau C, et al. **Physiol Behav** 1985 Apr;34(4):649-51

Regulation of milk ingestion in the infant rat. Lau C, et al. **Physiol Behav** 1984 Nov;33(5):809-15

The effect of constant light on maternal physiology and behavior. Leon M. **Physiol Behav** 1985 Apr;34(4):631-3

Decreased food intakes and body weights in rats immunized against pancreatic glucagon. McLaughlin CL, et al. **Physiol Behav** 1984 Nov;33(5):723-7

Tail pinch induced eating: psychogenetic comparison of Roman high- and low-avoidance rats. Martin JR. **Physiol Behav** 1984 Dec;33(6):985-7

Acquisition of dietary self-selection in rats with normal and impaired oral sensation. Miller MG, et al. **Physiol Behav** 1985 Mar;34(3):401-8

Recovery of anticipatory activity to restricted feeding in rats with ventromedial hypothalamic lesions. Mistlberger RE, et al. **Physiol Behav** 1984 Aug;33(2):227-35

'De-satiation' produced by liquid diet in rats satiated for glucose solution. Mook DG, et al. **Physiol Behav** 1984 May;32(5):876-7

Activation of brain regions in rats during food-intake operant behavior. Morimoto A, et al. **Physiol Behav** 1984 Dec;33(6):965-8

Contributions of the mesencephalic dopaminergic system and the trigeminal sensory pathway to the ventral tegmental aphagia syndrome in rats. Nadaud D, et al. **Physiol Behav** 1984 Dec;33(6):879-87

Vestibular versus tail-pinch activation in cats with lateral hypothalamic lesions. O'Brien DP, et al. **Physiol Behav** 1985 May;34(5):811-4

Circadian rhythms and patterns of running-wheel activity, feeding and drinking behaviors of old male rats. Peng MT, et al. **Physiol Behav** 1984 Oct;33(4):615-20

Behavioral and physiological responses of female house mice to foraging variation. Perrigo G, et al. **Physiol Behav** 1985 Mar;34(3):437-40

Behavioral and physiological consequences of intragastric oil feeding in rats. Ramirez I. **Physiol Behav** 1984 Sep;33(3):421-6

Voluntary exercise, food intake, and plasma metabolites in streptozotocin-diabetic Syrian hamsters. Rowland N, et al. **Physiol Behav** 1985 Apr;34(4):635-40

Prolonged responsiveness to the maternal pheromone in the postweanling rat. Schumacher SK, et al. **Physiol Behav** 1985 Mar;34(3):471-3

Phase shifts of circadian rhythms in activity entrained to food access. Stephan FK. **Physiol Behav** 1984 Apr;32(4):663-71

Interactions between nocturnal feeding and wheel running patterns in the rat. Stewart KT, et al. **Physiol Behav** 1985 Apr;34(4):601-8

The relationship between plasma concentrations of prolactin and consumption of feed and water during the reproductive cycle of the domestic turkey. Zadworny D, et al. **Poult Sci** 1985 Feb;64(2):401-10

Functional morphology of the piper Hyporhamphus ihi with reference to the role of the lateral line in feeding. Montgomery JC, et al. **Proc R Soc Lond [Biol]** 1985 Apr 22;224(1235):197-208

Field and laboratory studies of the feeding behaviour of the piper Hyporhamphus ihi with reference to the role of the lateral line in feeding. Saunders AJ, et al. **Proc R Soc Lond [Biol]** 1985 Apr 22;224(1235):209-21

Hypophysectomy disturbs the noradrenergic feeding system of the paraventricular nucleus. Roland CR, et al. **Psychoneuroendocrinology** 1985;10(1):109-20

Central and peripheral contributions of endogenous opioid systems to nutrient selection in rats. Marks-Kaufman R, et al. **Psychopharmacology (Berlin)** 1985;85(4):414-8

In vitro feeding of Psoroptes ovis (Acari:Psoroptidae). Deloach JR. **Vet Parasitol** 1984 Oct;16(1-2):117-25

Experience with sham-feeding as a postoperative test of vagotomy. Thirumalai CH, et al. **West Indian Med J** 1985 Mar;34(1):43-7

[Prevention of ruminal acidosis during the intensive fattening of weanling lambs] Malchevski M, et al. **Vet Med Nauki** 1985;22(2):50-8 (Eng. Abstr.) (Bul)

[Experimental study on the predation of Cionella lubrica Müller by Nesovitrea hammonis Ström] Badie A, et al. **Ann Rech Vet** 1985;16(1):105-9 (Eng. Abstr.) (Fre)

[Effect of cold adaptation on the feeding behavior of genetically obese Zucker rats] Bertin R, et al. **J Physiol (Paris)** 1984;79(5):361-4 (Eng. Abstr.) (Fre)

[Feeding behavior of the cat in response to stimulation of the caudate nucleus] Gravante G, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):249-54 (Eng. Abstr.) (Ita)

[Ultrastructurometric study of the reaction of the enterocyte microvilli in the rat small intestine in natural feeding] Khvylia SI, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):624-7 (Eng. Abstr.) (Rus)

[Comparative evaluation of the effect of extracts of the mucosa of the proximal and distal segments of the intestines on food intake] Rozin DG. **Fiziol Zh SSSR** 1985 Feb;71(2):261-3 (Rus)

[Neurochemical mechanisms of the involvement of sensorimotor cortex neurons in food and orienting-exploratory behavior] Sudakov SK, et al. **Fiziol Zh SSSR** 1984 Sep;70(9):1311-5 (Eng. Abstr.) (Rus)

[Effect of restricted feeding on metabolic changes in lipids following a single lethal irradiation of rats] Toropila M, et al. **Radiobiologiia** 1984 Nov-Dec;24(6):794-7 (Eng. Abstr.) (Rus)

[Pathogenetic role of the functional state of the stomach in sudden death in ischemic heart disease] Berezhnoi RV. **Sud Med Ekspert** 1984 Jul-Sep;27(3):20-2 (Eng. Abstr.) (Rus)

[Functional heterogeneity of the limbic structures of the brain in organizing feeding and defensive behaviors] Chalchenko GM. **Usp Fiziol Nauk** 1985 Jan-Mar;16(1):62-75 (105 ref.) (Rus)

[Systems analysis of neurochemical mechanisms of involvement of cortical neurons in goal-oriented behavior] Andrianov VV. **Vestn Akad Med Nauk SSSR** 1985;(2):24-9 (Eng. Abstr.) (Rus)

[Systemogenesis of the behavioral acts of animals in their natural environment] Bogomolova EM, et al. **Vestn Akad Med Nauk SSSR** 1985;(2):79-85 (Eng. Abstr.) (Rus)

[Systems organization of instrumental feeding behavior in the cat and its reflection in readjustment of the spike flow of cerebral cortex neurons] Fadeev IuA, et al. **Vestn Akad Med Nauk SSSR** 1985;(2):11-5 (Eng. Abstr.) (Rus)

[Systems mechanisms of behavior in the presence of a growing level of dominant motivation in conflict situations] Kotov AV. **Vestn Akad Med Nauk SSSR** 1985;(2):35-40 (Eng. Abstr.) (Rus)

[Anticipatory reflection of a changing environment in the activity of central neurons] Shvyrkova NA, et al. **Vestn Akad Med Nauk SSSR** 1985;(2):16-24 (Eng. Abstr.) (Rus)

[Integrative properties of dominant motivation at the stage of afferent synthesis] Zilov VG. **Vestn Akad Med Nauk SSSR** 1985;(2):93-6 (Rus)

[Cellular reactions to elaboration of a backward conditioned connection in Helix lucorum] Balaban PM, et al. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):497-503 (Eng. Abstr.) (Rus)

[Functional differentiation of the theta-rhythm of the hippocampus in the cat] Melikov EM. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):457-64 (Eng. Abstr.) (Rus)

[Role of acetylcholinergic structures of the caudate nucleus in mechanisms of inhibition of a conditioned food-getting reflex in the cat] Shugalev NP. **Zh Vyssh Nerv Deiat** 1984 Sep-Oct;34(5):875-80 (Eng. Abstr.) (Rus)

[Natural 1st and 2d degree conditioned food reflexes in the dog in relation to space orientation] Simonov PV, et al. **Zh Vyssh Nerv Deiat** 1985 Jan-Feb;35(1):46-51 (Eng. Abstr.) (Rus)

RADIATION EFFECTS

[Effect of food intake on the weight and length of the small intestine in white rats exposed to irradiation] Kukel' IuP. **Vopr Pitan** 1985 Jan-Feb;(1):44-5 (Rus)

FEEDING PATTERNS see FEEDING BEHAVIOR

FEELINGS see EMOTIONS

FEER'S DISEASE see ACRODYNIA

FEES AND CHARGES

see related
RATE SETTING AND REVIEW

Doctors can't split fees—why should lawyers? Lepore MJ. **Am J Dermatopathol** 1985 Feb;7(1):49-51

Financial analysis of an inner city trauma center: charges vs collections. Cooper MA, et al. **Ann Emerg Med** 1985 Apr;14(4):331-4

Contingent methadone take-home privileges: effects on compliance with fee payment schedules. Stitzer ML, et al. **Drug Alcohol Depend** 1984 Jul;13(4):395-9

Pricing objectives in nonprofit hospitals. Bauerschmidt AD, et al. **Health Serv Res** 1985 Jun;20(2):153-62

Managed care pricing strategies shifting. **Hospitals** 1985 Aug 16;59(16):85-6

Panel: Payment changes push hospitals to consider capitation mechanisms. Traska MR. **Hospitals** 1985 May 1;59(9):46, 48, 50

On the research status of risk-adjusted capitation rates. McClure W. **Inquiry** 1984 Fall;21(3):205-13

The life and death of a field experiment: a case study of health care research in a hostile environment. Yesalis CE 3d, et al. **J Health Polit Policy Law** 1985 Winter;9(4):611-28

Yet another delay for announcement of government's proposals on primary care? Deitch R. **Lancet** 1985 Apr 13;1(8433):881

Comparative costs versus symptomatic and employment benefits of medical and surgical treatment of stable angina pectoris. Hemenway D, et al. **Med Care** 1985 Feb;23(2):133-41

Predicting hospital charge and stay variation. The role of patient teaching status, controlling for diagnosis-related group, demographic characteristics, and severity of illness. Jones KR. **Med Care** 1985 Mar;23(3):220-33

[Effects of 'new harmonization' on the right to charge and the reimbursement of costs of chief physicians] Rieger HJ. **Dtsch Med Wochenschr** 1985 Mar 8;110(10):392-3 (Ger)

[Socioeconomic aspects of dermatologic surgery in medical practice] Schwenzer G. **Z Hautkr** 1985 Mar 1;60(5):430-2, 435-7 (Eng. Abstr.) (Ger)

LEGISLATION & JURISPRUDENCE

Another cause for litigation [letter] Liston SL, et al. **JAMA** 1985 Jun 7;253(21):3095

TRENDS

Are fee-for-service costs increasing faster than HMO costs? Newhouse JP, et al. **Med Care** 1985 Aug;23(8):960-6

FEES, DENTAL

Drilling for gold [letter] **Br Dent J** 1984 Aug 25;157(4):120-1

A comparison of dental treatment plans under different reimbursement systems. Hazelkorn HM. **J Public Health Policy** 1985 Jun;6(2):223-35

FEES, MEDICAL

Ban balance billing? A US federal court says 'no'. Korcok M. **Can Med Assoc J** 1984 Nov 15;131(10):1269-70, 1272-3, 1276

Medicare issues. Chavin IF. **Del Med J** 1984 Oct;56(10):577-8

An unpleasant offer you cannot refuse [editorial] Markman LM. **Del Med J** 1984 Oct;56(10):587-8

Freestanding abortion clinics: services, structure, fees. Henshaw SK. **Fam Plann Perspect** 1982 Sep-Oct;14(5):248-50, 253-6

Cost containment and professional incomes. Hill RB, et al. **Hum Pathol** 1985 May;16(5):436-8

An analysis of hospital case mix, cost, and payment differences for Medicare, Medicaid, and Blue Cross Plan patients using DRGs. Martin SG, et al. **Inquiry** 1984 Winter;21(4):369-79

Are adolescents able and willing to pay the fee for confidential health care? Fisher M, et al. **J Pediatr** 1985 Sep;107(3):480-3

The doctors, Medicare, and private hospitals. Thompson HL. **Med J Aust** 1984 Sep 15;141(6):373-7

The Minnesota Medical Association policy on physician payment. **Minn Med** 1985 Feb;68(2):130-4

Where do we go from here? Handler S. **Minn Med** 1985 Apr;68(4):305-7

As the competitive market unfolds: physician attitudes and actions toward fee disclosure and price information. Kaemmerer CJ, et al. **Minn Med** 1985 Jan;68(1):61–6
Dealing with conflicts of interest [editorial] Relman AS. **N Engl J Med** 1985 Sep 19;313(12):749–51
The impact of prospective payment for physician fees on medical specialists. Steel JG. **NC Med J** 1985 May; 46(5):275–6
Percentage of anaesthetic fee refunded to patients by schedule-using private medical insurers in New Zealand. Berry PR, et al. **NZ Med J** 1985 Jul 24;98(783):593–5
Unpaid accounts and how to cope with them. Abrahamson IA Jr. **Ohio State Med J** 1984 Dec;80(12):839–41
Medicine and the law. Peer review of fees—1985 update. Young MG. **Tex Med** 1985 Jun;81(6):78–80

HISTORY

Western Surgical Association, Colorado Springs, Colo, Nov 12–14, 1984. The presidential address. Jordan GL Jr. **Arch Surg** 1985 May;120(5):525–9
Medical society regulation of fees in Boston 1780–1820. Blumberg MS. **J Hist Med Allied Sci** 1984 Jul;39(3):303–38

LEGISLATION & JURISPRUDENCE

The Medical Fee Schedule. Stevenson JL. **Ariz Med** 1984 Nov;41(11):728–9
An antitrust primer for physicians. Anders GT, et al. **Conn Med** 1985 Feb;49(2):120–2
The price physicians are willing to pay. Johnson DH Jr. **J La State Med Soc** 1984 Nov;136(11):5
Strategies for reforming Medicare's physician payments. Physician diagnosis-related groups and other approaches. Jencks SF, et al. **N Engl J Med** 1985 Jun 6;312(23):1492–9
New Medicare assignment underway. **Wis Med J** 1984 Sep; 83(9):37–9

STANDARDS

Can patients be asked to pay for experimental treatment? Lind SE. **Clin Res** 1984 Oct;32(4):393–8
Physicians' fees [letter] Williams RG. **N Engl J Med** 1985 Aug 22;313(8):523

TRENDS

The surgeon and the cost of medical care. Cohn R. **Am J Surg** 1985 Jul;150(1):2–8
The patient comes first—a commitment we all share. Boyle JF. **Iowa Med** 1985 Jun;75(6):250–3
An attack on physician services. Carr AA. **J Med Assoc Ga** 1985 Mar;74(3):142–51

FEES, PHARMACEUTICAL

ABC analysis of the relationship between pharmacy charges and DRGs. Magee MJ, et al. **Am J Hosp Pharm** 1985 Mar; 42(3):571–6
Chronically ill and prescription charges [letter] Bailey RR, et al. **NZ Med J** 1985 Feb 27;98(773):111

LEGISLATION & JURISPRUDENCE

The pharmaceutical price regulation scheme: a time for change. Collier J. **Lancet** 1985 Apr 13;1(8433):862–3

FELDSHERS see **PHYSICIANS' ASSISTANTS**

FELINE CALICIVIRUSES see **CALICIVIRIDAE**

FELINE FIBROSARCOMA VIRUS see under **RETROVIRIDAE**

FELINE INFECTIOUS ANEMIA see under **CAT DISEASES**

FELINE INFECTIOUS ENTERITIS

IMMUNOLOGY

Role of neutrophils in production of early enteritis after oral infection with feline infectious peritonitis virus in passively sensitized kittens. Hayashi T, et al. **Nippon Juigaku Zasshi** 1984 Jun;46(3):273–9

MICROBIOLOGY

Characterization of antigenic variation among mink enteritis virus isolates. Parrish CR, et al. **Am J Vet Res** 1984 Dec; 45(12):2591–9

FELINE INFECTIOUS ENTERITIS VIRUS see under **PARVOVIRIDAE**

FELINE LEUKEMIA VIRUS

Transcription and expression of the herpes simplex virus tk gene inserted into proviral sequences of feline leukemia virus. Roach A, et al. **Gene** 1984 Dec;32(3):389–98
Feline leukaemia virus. Jarrett O. **In Pract** 1985 Jul;7(4):125–6

GENETICS

Feline leukaemia viruses: molecular biology and pathogenesis. Neil JC, et al. **Anticancer Res** 1985 Jan–Feb; 5(1):49–63 (126 ref.)
Transcription and expression of the herpes simplex virus tk gene inserted into proviral sequences of feline leukemia virus. Roach A, et al. **Gene** 1984 Dec;32(3):389–98
The promoter of the long terminal repeat of feline leukemia virus is effective for expression of a mouse H-2 histocompatibility gene in mouse and human cells. Wong TC, et al. **Gene** 1985;34(1):27–38
Nucleotide sequence of a transduced myc gene from a defective feline leukemia provirus. Braun MJ, et al. **J Virol** 1985 Jul;55(1):177–83
Translational readthrough of an amber termination codon during synthesis of feline leukemia virus protease. Yoshinaka Y, et al. **J Virol** 1985 Sep;55(3):870–3

IMMUNOLOGY

Subunit vaccines against exogenous retroviruses: overview and perspectives. Hunsmann G. **Cancer Res** 1985 Sep;45(9 Suppl):4691s–4693s
Induction of protective immune response in cats by vaccination with feline leukemia virus iscom. Osterhaus A, et al. **J Immunol** 1985 Jul;135(1):591–6
Stimulation of a cell-mediated cytotoxic response to FeLV-induced T cell lymphomas in the cat. Tompkins MB, et al. **J Immunol** 1985 Oct;135(4):2817–23
Influence of antibody infusion on pathogenesis of experimental feline leukemia virus infection. Haley PJ, et al. **JNCI** 1985 Apr;74(4):821–7

METABOLISM

Suppression of gamma interferon production by inactivated feline leukemia virus. Engelman RW, et al. **Science** 1985 Mar 15;227(4692):1368–70

PATHOGENICITY

Retroviral-associated eosinophilic leukemia in the cat. Lewis MG, et al. **Am J Vet Res** 1985 May;46(5):1066–70
Animal models: lessons from feline and bovine leukaemia virus infections. Onions D. **Leuk Res** 1985;9(6):709–11

PHYSIOLOGY

Haemadsorption and haemagglutination by feline leukaemia viruses. Mochizuki M, et al. **J Gen Virol** 1985 Feb;66 (Pt 2):385–9
Retrovirus-mediated immunosuppression. I. FeLV-UV and specific FeLV proteins alter T lymphocyte behavior by inducing hyporesponsiveness to lymphokines. Orosz CG, et al. **J Immunol** 1985 May;134(5):3396–403
Retrovirus-mediated immunosuppression. II. FeLV-UV alters in vitro murine T lymphocyte behavior by reversibly impairing lymphokine secretion. Orosz CG, et al. **J Immunol** 1985 Jul;135(1):583–90
Feline leukaemia virus-free lymphosarcoma in a specific pathogen free cat. Jarrett O, et al. **Vet Rec** 1984 Sep 8; 115(10):249–50

FELINE LYMPHOMA VIRUS see **FELINE LEUKEMIA VIRUS**

FELLOWSHIPS AND SCHOLARSHIPS

National Study of Internal Medicine Manpower: IX. Internal medicine residency and fellowship training: 1984 update. Schleiter MK, et al. **Ann Intern Med** 1985 May;102(5):681–5
A retrospective study of the PAHO fellowships program in the Caribbean, 1970–1979. Lockett BA, et al. **Bull Pan Am Health Organ** 1984;18(3):281–7
Fellowship programs in critical care medicine: 1985–1986. **Crit Care Med** 1985 Jul;13(7):594–604
Super fellowship in vascular surgery. Thomas JM. **Curr Surg** 1984 Nov–Dec;41(6):444–7
Postgraduate pharmacy fellowships (1984–85). Kaul AF, et al. **Drug Intell Clin Pharm** 1985 Mar;19(3):219–24
Endoscopic training in the academic GI program. Program Directors Workshop, March 29 and 30, 1984, Atlanta, Georgia. On balance: endoscopic training as part of the academic postgraduate gastroenterology fellowship. Hogan WJ, et al. **Gastrointest Endosc** 1984 Dec;30(6):362–4
Fifteen years of the ICN/3M Fellowship Programme. Marshall-Burnett S. **Int Nurs Rev** 1985 Mar–Apr;32(2):48–9
Four years' experience with a fellowship program for dental quality studies. O'Shea RM, et al. **J Dent Educ** 1984 Dec; 48(12):649–52
Committee on Accreditation of Fellowships in Forensic Psychiatry. Rosner R. **J Forensic Sci** 1983 Jan;28(1):8–14
The fellowship application process. Lind SE. **JAMA** 1984 Dec 28;252(24):3409–10
Fellowship in Chemical Dependency University of Minnesota Hospitals and Clinics. Westermeyer J. **Minn Med** 1984 Sep;67(9):519–20
The World Health Organization policy on fellowships. **World Health Stat Q** 1984;37(1):30–51 (Eng, Fre)

FELTY'S SYNDROME

BLOOD

Unusual T cell proliferations and neutropenia in rheumatoid arthritis: comparison with classical Felty's syndrome. Linch DC, et al. **Scand J Haematol** 1984 Oct;33(4):342–50

COMPLICATIONS

Palindromic rheumatism and Felty's syndrome. Davies PG, et al. **Ann Rheum Dis** 1985 Sep;44(9):640–1
Felty syndrome in juvenile arthritis. Toomey K, et al. **J Pediatr** 1985 Feb;106(2):254–5

DIAGNOSIS

Felty's syndrome presenting with severe extra-articular features in the absence of clinical rheumatoid arthritis. Fitzgerald P, et al. **Ir Med J** 1984 Dec;77(12):397–8
Felty's syndrome in a child. Rosenberg AM, et al. **J Rheumatol** 1984 Dec;11(6):835–7

DRUG THERAPY

Felty's syndrome: response to auranofin [letter] Tumiati B, et al. **Clin Exp Rheumatol** 1983 Apr–Jun;1(2):183–4
[Methylprednisolone pulse therapy in Felty's syndrome] Beyer JM, et al. **Ugeskr Laeger** 1985 May 27;147(22):1774–5 (Eng. Abstr.) (Dan)

IMMUNOLOGY

Phagocytosis and intracellular killing by polymorphonuclear cells from patients with rheumatoid arthritis and Felty's syndrome. Breedveld FC, et al. **Arthritis Rheum** 1985 Apr; 28(4):395–404
[A case of Felty's syndrome with evidence for suppression of human bone marrow colony-forming unit in culture (CFU-C)-derived colony formation by patient's peripheral blood T lymphocytes] Sugimoto M, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Nov;47(7):1445–55 (Eng. Abstr.) (Jpn)

PATHOLOGY

Felty's syndrome in an Asian [letter] Srivastava A, et al. **Br J Rheumatol** 1985 Aug;24(3):303
Felty's syndrome presenting without arthritis. Bradley JD, et al. **Clin Exp Rheumatol** 1983 Jul–Sep;1(3):257–9

SURGERY

Felty's syndrome: when is splenectomy indicated? Coon WW. **Am J Surg** 1985 Feb;149(2):272–5
Splenectomy for Felty's syndrome. Sheth SB, et al. **RI Med J** 1985 Jun;68(6):275–9

FELYPRESSIN see under **LYPRESSIN**

FEMINIZATION

BLOOD

Testicular feminization syndrome. An unusual case with high estrogen levels. Steinman G, et al. **J Reprod Med** 1985 Jan; 30(1):61–3

CHEMICALLY INDUCED

Ethyl alcohol and gonadal function. Van Thiel DH. **Hosp Pract [Off]** 1984 Nov;19(11):152–8

COMPLICATIONS

Constitutional factors in alcoholic cirrhosis. Thaler H, et al. **Tokai J Exp Clin Med** 1984 Oct;9(4):249–51

ETIOLOGY

Malignant feminizing Leydig cell tumor. Shapiro CM, et al. **J Surg Oncol** 1984 Oct;27(2):73–5
[Endocrinological study of hypogonadism and feminization in patients with bulbar spinal muscular atrophy] Mukai E, et al. **Rinsho Shinkeigaku** 1984 Sep;24(9):925–9 (Eng. Abstr.) (Jpn)

FEMORAL ARTERY

Stripping of the deep circumflex iliac artery. A rare complication to percutaneous catheterization of the femoral artery. Asmussen I. **Acta Radiol [Diagn] (Stockh)** 1984; 25(4):283–4
Dilemmas in dealing with the blue toe syndrome: aortic versus peripheral source. Fisher DF Jr, et al. **Am J Surg** 1984 Dec;148(6):836–9
Comparative assessment of blood flow to canine island flaps. Silverman DG, et al. **Arch Otolaryngol** 1985 Oct; 111(10):677–81
Infected pseudo-aneurysm of the femoral artery caused by a monitoring catheter. Kjartansson J, et al. **Burns Incl Therm Inj** 1985 Feb;11(3):213–5
Comparison of blood gas and pH values obtained from arteriovenous fistulae and femoral arteries in chronic renal failure patients managed by hemodialysis. Beasley CR, et al. **Clin Nephrol** 1985 Apr;23(4):184–8
Cannulation of big arteries in critically ill patients. Gurman GM, et al. **Crit Care Med** 1985 Apr;13(4):217–20
Depression of lymphocyte traffic in sheep by induced systemic arterial hypotension and by acute arterial occlusion. Moore TC, et al. **Immunology** 1984 Dec; 53(4):677–82
Aorto-femoral graft sepsis—a case report. Colgan MP, et al. **Ir Med J** 1985 Apr;78(4):102–3
Pseudoaneurysm secondary to a protruding screw as a result of normal growth and remodeling following supracondylar

osteotomy. A case report. Falconer DP, et al. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1126-8

Occlusion of the common femoral artery complicating total hip arthroplasty. Heyes FL, et al. **J Bone Joint Surg [Br]** 1985 Aug;67(4):533-5

Arterial thromboembolic complications of peritoneovenous shunting for malignant ascites. Paschold EH, et al. **J Surg Oncol** 1984 Oct;27(2):71-2

Analysis of femoral artery Doppler signals by LaPlace transform damping method. Baker JD, et al. **J Vasc Surg** 1984 Jul;1(4):520-4

Idiopathic arterial calcification in 9-year-old boy: a successful reconstruction for ilio-femoral occlusion. Kusaba A, et al. **Jpn J Surg** 1985 Jan;15(1):68-74

Tamoxifen and arterial thrombosis [letter] Dahan R, et al. **Lancet** 1985 Mar 16;1(8429):638

Drug-induced inhibition of platelet function delays progression of peripheral occlusive arterial disease. A prospective double-blind arteriographically controlled trial. Hess H, et al. **Lancet** 1985 Feb 23;1(8426):415-9

Different resorption rates of bioprostheses in canine femoral vein and artery. Moczar M, et al. **Life Support Syst** 1984 Apr-Jun;2(2):127-30

The femoral triangle. A potential death trap for the drug abuser. Pace BW, et al. **NY State J Med** 1984 Dec;84(12):596-8

Percutaneous transluminal angioplasty of the femoropopliteal artery: initial and long-term results. Krepel VM, et al. **Radiology** 1985 Aug;156(2):325-8

Transfemoral catheterization: mechanical versus manual control of bleeding. Semler HJ. **Radiology** 1985 Jan;154(1):234-5

False aneurysm of the profunda femoris artery complicating fracture of the femoral shaft and treated by transcatheter embolization. A case report. Barnes DI, et al. **S Afr Med J** 1985 May 17;67(20):824-6

Bypass versus primary major amputation in patients with femoropopliteal distal disease and a threatened limb. Robbs JV, et al. **S Afr Med J** 1984 Nov 24;66(21):809-12

Perigraft seromas complicating arterial grafts. Blumenberg RM, et al. **Surgery** 1985 Feb;97(2):194-204

[Management of a broken catheter during selective arteriography: report of 3 cases] Fan GR. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1985 Mar;13(1):48-9 (Chi)

[Management of mycotic aneurysms. Apropos of 3 cases] Barthel J, et al. **Acta Chir Belg** 1985 Mar-Apr;85(2):107-13 (Eng. Abstr.) (Fre)

[Iliac-femoral artery involvement in relapsing polychondritis] Joyeux A, et al. **J Mal Vasc** 1984;9(3):207-10 (Eng. Abstr.) (Fre)

[Aneurysm of the superficial femoral artery] Celi S, et al. **Chir Ital** 1984 Apr;36(2):260-5 (Eng. Abstr.) (Ita)

[Usefulness of morphoscillography for the prognosis of the duration of aorta-femoral bypass in complex ilio-femoral arteriopathies] Dall'Antonia F, et al. **Chir Ital** 1984 Feb;36(1):37-48 (Eng. Abstr.) (Ita)

[A case of spurious aneurysm of the femoral artery] Tigani D, et al. **Chir Organi Mov** 1984;69(4):397-9 (Eng. Abstr.) (Ita)

[Technic for using the saphenous vein in the creation of a femoro-popliteal bypass in cases of anatomic changes of the saphenous vein] Gullà P, et al. **Minerva Chir** 1984 Jul 15-31;39(13-14):1029-33 (Eng. Abstr.) (Ita)

[A case of left femoral artery embolism after ASD patch closure in an adult] Asai Y, et al. **Kyobu Geka** 1985 Apr;38(4):322-5 (Eng. Abstr.) (Jpn)

[Liposarcomatous tumor emboli to the left iliac artery growing intraluminally into the femoral artery. A report of an operative and autopsy case] Ito K, et al. **Nippon Geka Gakkai Zasshi** 1985 Mar;86(3):357-61 (Eng. Abstr.) (Jpn)

[Clinical experience with long sheath in transfemoral angiography] Nakamura H, et al. **Rinsho Hoshasen** 1985 Jan;30(1):169-71 (Eng. Abstr.) (Jpn)

[Traumatic arteriovenous fistula with false aneurysm] Lewandowski A, et al. **Wiad Lek** 1984 May 15;37(10):806-8 (Eng. Abstr.) (Pol)

[Infectious endocarditis caused by Listeria monocytogenes and mycotic aneurysm of the deep femoral artery. Report of a case] Arruda WO, et al. **Arq Bras Cardiol** 1984 Aug;43(2):119-21 (Eng. Abstr.) (Por)

[Changes in the hydrodynamic resistance of collaterals after ligation of the femoral artery] Prokhorov GG. **Arkh Anat Gistol Embriol** 1984 Nov;87(11):43-7 (Eng. Abstr.) (Rus)

[Efficacy of using antibiotic-impregnated synthetic prostheses in vascular surgery] Bredikis IuIu, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):118-9 (Rus)

[Reoperation on the aortofemoral segment in occlusive vascular lesions] Sidarenko LN, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):27-30 (Eng. Abstr.) (Rus)

[Lipid spectrum of blood in patients with atherosclerotic lesions of the abdominal aorta and arteries of the lower limbs] Satmari VV, et al. **Vrach Delo** 1985 Jan;(1):86-8 (Eng. Abstr.) (Rus)

[Femoro-popliteal hydatid embolism and subsequent multiple embolization in a patient with recurring myocardial hydatidosis] Muñoz Fernández J, et al. **Rev Esp Cardiol** 1984 Sep-Oct;37(5):371-4 (Eng. Abstr.) (Spa)

ABNORMALITIES

[Unusual variations of the large arteries of the thigh] Anger P, et al. **ROFO** 1984 Sep;141(3):318-26 (Eng. Abstr.) (Ger)

ANATOMY & HISTOLOGY

Functional anatomy of the perivascular tissue in the adductor canal. de Souza RR, et al. **Gegenbaurs Morphol Jahrb** 1984;130(5):733-8

[Method of calculating momentary blood velocity, mean velocity, vascular diameter and volume of blood flowing through the vessels using pulse-Doppler flowmeter UDP-30] Nowicki A, et al. **Wiad Lek** 1984 May 1;37(9):724-31 (Eng. Abstr.) (Pol)

DRUG EFFECTS

Pre- and postjunctional effects of NPY on sympathetic control of rat femoral artery. Lundberg JM, et al. **Acta Physiol Scand** 1985 Apr;123(4):511-3

Effect of serotonin on albumin and low density lipoprotein uptake in perfused rabbit femoral arteries. Santillan GG, et al. **Angiology** 1984 Nov;35(11):694-700

Methyl methacrylate cement induced pseudoaneurysm of the right common femoral artery. Kraus ML, et al. **Conn Med** 1985 Jun;49(6):351-3

Actions of cysteinyl leukotrienes in coronary, femoral and carotid vessels of the pig. Greenwald SE, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):107-14

Vascular responses to serotonin in steroid hypertensive rats. Mecca TE, et al. **Hypertension** 1984 Nov-Dec;6(6 Pt 1):887-92

EMBRYOLOGY

Nutrient and waste product concentration differences in upper and lower body arteries of fetal sheep. Charlton V, et al. **J Dev Physiol** 1984 Oct;6(5):431-7

INJURIES

Arteriovenous fistula: a rare complication of arterial puncture for cardiac catheterization. Kron J, et al. **Am J Cardiol** 1985 May 1;55(11):1445-6

Femoral pseudoaneurysm following nonpenetrating trauma in a patient with aortic insufficiency. Squire A, et al. **Am J Med** 1985 Apr;78(4):719-20

A study of the extent and pathology of experimental avulsion injury in rabbit arteries and veins. Mitchell GM, et al. **Br J Plast Surg** 1985 Apr;38(2):278-87

Arterial injuries after total hip replacement [editorial] Ratliff AH. **J Bone Joint Surg [Br]** 1985 Aug;67(4):517-8

Case report: common femoral artery occlusion following blunt trauma in a child. Walls RM, et al. **J Emerg Med** 1984;1(4):307-10

Iatrogenic false aneurysm in slipped capital femoral epiphysis. Herndon WA, et al. **J Pediatr Orthop** 1984 Nov;4(6):754-5

False aneurysm causing non-union of a closed femoral shaft fracture. Read L. **J R Coll Surg Edinb** 1984 Jul;29(4):257-9

Microvascular repair following local crush and avulsion vascular injury. Cooley BC, et al. **Microsurgery** 1985;6(1):46-8

Pseudoaneurysm: a complication of faulty technique in femoral arterial puncture. Rapoport S, et al. **Radiology** 1985 Feb;154(2):529-30

[Iatrogenic femoral arteriovenous fistulas (letter)] Lacombe M. **Presse Med** 1984 Dec 22;13(46):2813-4 (Fre)

[Vascular injuries in the area of the pelvis and the leg—reconstruction, complications and operative results] Bätz W, et al. **Vasa** 1984;13(3):244-7 (Eng. Abstr.) (Ger)

[Injuries of femoral vessels during Toianov-Trendelenburg procedures] Konstantinova GD. **Khirurgiia (Mosk)** 1985 Mar;(3):99-102 (Rus)

[Errors in the diagnosis and treatment of patients with injuries of the major blood vessels] Kniazev MD, et al. **Vestn Khir** 1985 May;134(5):139-41 (Rus)

INNERVATION

Dopamine preferentially stimulates postsynaptic alpha 2-adrenoceptors in the femoral vascular bed, but alpha 1-adrenoceptors in the renal vascular bed of the anaesthetised dog. Duval N, et al. **Eur J Pharmacol** 1985 Feb 5;108(3):265-72

Sympathetic vasoconstriction sensitive to alpha 2-adrenergic receptor blockade. No evidence for preferential innervation of alpha 1-adrenergic receptors in the canine femoral bed. Elsner D, et al. **Hypertension** 1984 Nov-Dec;6(6 Pt 1):915-25

Sympathetic postganglionic pathways to the hind-limb of the rat: a fluorescent histochemical study. Peterson DF, et al. **J Auton Nerv Syst** 1985 Jun;13(2):171-4

METABOLISM

[3H]dihydroergocryptine binding to alpha-adrenoceptors in human femoral veins and arteries. Kaiser B, et al. **Biomed Biochim Acta** 1984;43(4):439-46

Distinctive effect of angiotensin II on prostaglandin production in dog renal and femoral arteries. Satoh H, et al. **Prostaglandins** 1984 Jun;27(6):807-20

PATHOLOGY

Sonography of axillofemoral and femorofemoral subcutaneous arterial bypass grafts. Gooding GA, et al. **AJR** 1985 May;144(5):1005-8

Fascial pathways of extravasation of blood in lower abdomen following angiography-anatomic and clinical correlation. Khan SA, et al. **Angiology** 1984 Oct;35(10):672-5

Direct femoral artery pressure measurement at rest and during reactive hyperemia in the evaluation of the aorto-iliac segment. Verhagen PF, et al. **J Cardiovasc Surg (Torino)** 1984 Sep-Oct;25(5):395-9

Failure of antiplatelet therapy with ibuprofen (Motrin) to prevent neointimal fibrous hyperplasia. McCready RA, et al. **J Vasc Surg** 1985 Jan;2(1):205-13

Effect of wall shear stress on intimal thickening of arterially transplanted autogenous veins in dogs. Morinaga K, et al. **J Vasc Surg** 1985 May;2(3):430-3

A new microvascular clamp for the production of experimental ischemia. Stark RH, et al. **Microsurgery** 1984;5(4):202-6

Diabetes mellitus and atherosclerotic involvement of the profunda femoris artery. King TA, et al. **Surg Gynecol Obstet** 1984 Dec;159(6):553-6

Relation between arterial intimal thickening and the vasa-vasorum. Diaz-Flores L, et al. **Virchows Arch [A]** 1985;406(2):165-77

PHYSIOLOGY

Diameter and pulsatile oscillations of the femoral artery recorded by ultrasound. Christensen T, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(4):313-6

Comparison of canine femoral and splanchnic hemodynamics during intravenous infusions of prostacyclin. Campion TW, et al. **Curr Surg** 1985 May-Jun;42(3):214-5

Effects of muscle contraction on pulsatile pressure-flow relations in femoral bed. Lambert CR, et al. **J Appl Physiol** 1985 Apr;58(4):1128-35

Noninvasive measurement of femoral artery pressure for evaluating aortoiliac occlusive disease. Brose WG, et al. **J Surg Res** 1985 Mar;38(3):201-9

PHYSIOPATHOLOGY

The relation between arterial and balloon rupture in experimental angioplasty. Zollikofer CL, et al. **AJR** 1985 Apr;144(4):777-9

Effect of patent ductus arteriosus on lower extremity blood flow velocity patterns in preterm infants. Alverson DC, et al. **Am J Perinatol** 1984 Apr;1(3):216-22

Simultaneous determination of brachial and femoral arterial pressures during reactive hyperemia and papaverine vasodilation. Padberg FT Jr, et al. **Am Surg** 1985 Apr;51(4):237-41

Femoral artery flow in deep vein thrombosis: hemodynamics of slow versus acute femoral vein occlusion. Shifrin EG. **Angiology** 1985 Mar;36(3):154-9

The use of Doppler ultrasound to locate 'pulseless' femoral arteries. Appleton GV, et al. **Br J Radiol** 1984 Sep;57(682):829-30

Criteria from intra-arterial femoral artery pressure measurements combined with reactive hyperaemia to assess the aorto-iliac segment; a prospective study. Verhagen PF, et al. **Br J Surg** 1984 Sep;71(9):706-8

On the nervous control of collateral arterial tone in the human lower limb with large artery obstruction during postural change. Agerskov K. **Dan Med Bull** 1984 Aug;31(4):316-29 (102 ref.)

Hemodynamic assessment of the iliac disease by proximal thigh pressure and Doppler femoral flow velocity. Hirai M, et al. **J Cardiovasc Surg (Torino)** 1984 Jul-Aug;25(4):365-9

Prostacyclin production in regions of arterial stenosis. Qvarfordt PG, et al. **Surgery** 1985 Sep;98(3):484-91

Variability and reproducibility of arterial Doppler waveforms. Campbell WB, et al. **Ultrasound Med Biol** 1984 Sep-Oct;10(5):601-6

[Diagnostic value of sphygmometric indicators of arterial damage in comparative studies of patients with arteriosclerosis and arterial hypertension] Chlebus H, et al. **Pol Arch Med Wewn** 1984 Oct;72(4):149-58 (Eng. Abstr.) (Pol)

RADIOGRAPHY

Fatal thrombo-embolic complications at aorto-femoral angiography. Takolander R, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Jan-Feb;26(1):15-9

Arteriomegaly. Kinnunen J, et al. **Eur J Radiol** 1985 May;5(2):156-7

Thigh claudication due to profunda femoris artery occlusion. Martin RS 3d. **J Vasc Surg** 1984 Sep;1(5):692-4

Newly devised long sheath for transfemoral angiography. Nakamura H, et al. **Radiology** 1985 Jun;155(3):828

[Iohexol (Omnipaque) and metrizoate (Isopaque-Amine) in femoral arteriography. A double-blind multicenter study] Hedemand N, et al. **Ugeskr Laeger** 1984 Sep 19;146(38):2865-7 (Eng. Abstr.) (Dan)

[Vascular diagnosis of the extremities. Conventional angiography— digital substraction angiography] Lackner K, et al. **Dtsch Med Wochenschr** 1985 Jul 12;110(28-29):1130-1 (Ger)

[Arterial DSA in malignant hypervascularized bone tumors]

Arlart IP, et al. **ROFO** 1984 Nov;141(5):541-4 (Eng. Abstr.) (Ger)

[Intra-arterial digital subtraction angiography of the femoral bifurcation as a supplement to conventional pelvic-leg arteriography] Gmelin E, et al. **Rontgenblatter** 1984 Nov; 37(11):377-80 (Eng. Abstr.) (Ger)

[Iopamidol compared with Isopaque Cerebral in angiography of the lower extremities] Aspestrand F. **Tidsskr Nor Laegeforen** 1984 Nov 10;104(31):2164-5 (Eng. Abstr.) (Nor)

RADIONUCLIDE IMAGING

Scintigraphic appearance of axillofemoral and femorofemoral bypass grafts. Shapiro HR, et al. **J Nucl Med** 1984 Oct; 25(10):1101-2

Scintigraphic detection of femoral artery atherosclerosis with 111-indium-labeled autologous platelets. Sinzinger H, et al. **Vasa** 1984;13(4):350-3

[Indirect radioisotope angiography of the aorta and major arteries using scintigraphic tables] Kokhan EP, et al. **Voen Med Zh** 1985 Feb;(2):54-6 (Rus)

SURGERY

Fibrinous tissue glue in artery anastomosis. Physiological, histological and scanning evaluation. Decleer W, et al. **Acta Chir Belg** 1985 Mar-Apr;85(2):121-4

In situ saphenous vein bypass grafts for limb salvage. A current fad or a viable alternative to reversed vein bypass grafts? Bush HL Jr, et al. **Am J Surg** 1985 Apr; 149(4):477-80

Bypass or amputation? Concomitant review of bypass arterial grafting and major amputations. Gregg RO. **Am J Surg** 1985 Mar;149(3):397-402

Role of vein patch angioplasty in isolated operations for profunda femoris stenosis and disabling claudication. Jennings WC, et al. **Am J Surg** 1985 Aug;150(2):263-5

In situ femoropopliteal and infrapopliteal bypass. Two-year experience. Carney WI Jr, et al. **Arch Surg** 1985 Jul; 120(7):812-6

Polytetrafluoroethylene grafts as the first-choice arterial substitute in femoropopliteal revascularization. Quinones-Baldrich WJ, et al. **Arch Surg** 1984 Nov; 119(11):1238-43

The significance of hydronephrosis after aortofemoral reconstruction. Schubart P, et al. **Arch Surg** 1985 Mar; 120(3):377-81

Femoro-internal carotid artery bypass for cerebral ischemia in takayasu's arteritis. Yamamoto S, et al. **Arch Surg** 1984 Dec;119(12):1426-9

Topical use of prostacyclin in microvascular surgery. Crabb DJ, et al. **Br J Plast Surg** 1985 Jul;38(3):383-8

Cystic adventitial disease of the common femoral artery communicating with the hip joint. Campbell WB, et al. **Br J Surg** 1985 Jul;72(7):537

Aortofemoral bypass and the role of concomitant femorodistal reconstruction. Harris PL, et al. **Br J Surg** 1985 Apr;72(4):317-20

Femoropopliteal bypass with a Goretex prosthesis: a long-term follow-up. Klimach O, et al. **Br J Surg** 1984 Nov;71(11):821-4

Aortoenteric fistula developing 7 years after aortofemoral bypass surgery [letter] Gough JC. **Can Med Assoc J** 1984 Sep 15;131(6):539-41

A new approach to the femoral artery. Sheriffdeen AH. **Ceylon Med J** 1984 Jun;29(2):93-6

Axillary-femoral shunt visualization. A serendipitous finding during abdominal radionuclide angiograms. Blend M, et al. **Clin Nucl Med** 1984 Dec;9(12):730-1

Experimental evaluation of arterial steal in in vitro models of femoro-tibial bypass with adjuvant arteriovenous shunt. Campbell H, et al. **Clin Phys Physiol Meas** 1984 Nov; 5(4):253-62

A comparison of methods of valve destruction with respect to acute thrombogenicity and flow rate of in situ femoral artery vein bypass grafts. Giangola G, et al. **Curr Surg** 1985 Jan-Feb;42(1):13-7

Pulsatile left atrial-femoral artery bypass aids in limiting myocardial infarct size following reperfusion. Grossi EA, et al. **Curr Surg** 1985 May-Jun;42(3):211-3

Effect of aprotinin on metabolic changes in blood following aortofemoral bypass operation. Hörl M, et al. **Eur Surg Res** 1985;17(3):186-96

Arterial steal phenomenon in femoro-tibial bypass with arterio-venous shunt. How TV, et al. **J Biomech** 1985; 18(6):463-5

Six year experience with expanded polytetrafluoroethylene arterial grafts for limb salvage. Ascer E, et al. **J Cardiovasc Surg (Torino)** 1985 Sep-Oct;26(5):468-72

Occlusion of femoropopliteal bypasses (Biografts). Boontje AH. **J Cardiovasc Surg (Torino)** 1984 Sep-Oct;25(5):385-9

Descending thoracic aortobifemoral bypass for occluded abdominal aorta: retroperitoneal route without an abdominal incision. Bowes DE, et al. **J Cardiovasc Surg (Torino)** 1985 Jan-Feb;26(1):41-5

Ruptured abdominal aortic aneurysm treated by ligation of the aorta and an axillobifemoral bypass. Corbett CR, et al. **J Cardiovasc Surg (Torino)** 1984 Nov-Dec;25(6):510-2

Incarcerated femoral hernia after an aortofemoral bypass graft. Donaldson MC, et al. **J Cardiovasc Surg (Torino)** 1985 Sep-Oct;26(5):512-3

Vascular grafts in below-knee femoro-popliteal bypass. A comparative study. Geiger G, et al. **J Cardiovasc Surg (Torino)** 1984 Nov-Dec;25(6):523-9

Temporary arteriovenous fistula for venous reconstruction using synthetic graft: a clinical and experimental investigation. Ijima H, et al. **J Cardiovasc Surg (Torino)** 1985 Mar-Apr;26(2):131-6

Surgical treatment of radiation induced atherosclerotic disease of the iliac and femoral arteries. Lawson JA. **J Cardiovasc Surg (Torino)** 1985 Mar-Apr;26(2):151-6

Atherosclerotic aneurysm of the deep femoral artery. Ratto GB, et al. **J Cardiovasc Surg (Torino)** 1984 Nov-Dec; 25(6):574-6

Femorofemoral bypass for unilateral iliac artery occlusion in the presence of bilateral superficial femoral artery occlusions. Todd GJ, et al. **J Cardiovasc Surg (Torino)** 1985 Jan-Feb;26(1):12-4

Improved salvage of the foot with arterial reconstruction. Sengpiehl KE. **J Foot Surg** 1984 Sep-Oct;23(5):370-6

The effect of redundancy and tension on microvascular vein grafts. Wilber RG, et al. **J Hand Surg [Am]** 1984 Sep; 9(5):649-52

Interrupted and continuous microarteriorrhaphy techniques: a hemodynamic comparison. Blair WF, et al. **J Orthop Res** 1984;2(4):419-24

Adjunctive left ventricular unloading during myocardial reperfusion plays a major role in minimizing myocardial infarct size. Laschinger JC, et al. **J Thorac Cardiovasc Surg** 1985 Jul;90(1):80-5

Elective femoro-femoral bypass for operations on the heart and great vessels. Pillai R, et al. **J Thorac Cardiovasc Surg** 1984 Oct;88(4):635-7

Influence of endothelial cell seeding on platelet deposition and patency in small-diameter Dacron arterial grafts. Allen BT, et al. **J Vasc Surg** 1984 Jan;1(1):224-33

Aortofemoral or femoropopliteal revascularization? A prospective evaluation of the papaverine test. Flanigan DP, et al. **J Vasc Surg** 1984 Jan;1(1):215-23

Iatrogenic entrapment of the femoropopliteal bypass. Gutierrez IZ, et al. **J Vasc Surg** 1985 May;2(3):468-71

Late axillary artery thrombosis in patients with occluded axillary-femoral bypass grafts. Hartman AR, et al. **J Vasc Surg** 1985 Mar;2(2):285-7

Increased compliance near vascular anastomoses. Hasson JE, et al. **J Vasc Surg** 1985 May;2(3):419-23

The risk of vascular surgery in a metropolitan community. With observations on surgeon experience and hospital size. Hertzer NR, et al. **J Vasc Surg** 1984 Jan;1(1):13-21

The limitations of predictability of success of femoral-popliteal bypass grafts. Hiatt JG, et al. **J Vasc Surg** 1984 Sep;1(5):617-22

Use of fibrin sealant for reinforcing arterial anastomoses. Jakob H, et al. **J Vasc Surg** 1984 Jan;1(1):171-80

Femorofemoral bypass with an infrascrotal perineal approach for the patient with an infected groin wound. Lawrence PF, et al. **J Vasc Surg** 1985 May;2(3):485-7

Renal revascularization by extra-anatomic bypass. McCready RA, et al. **J Vasc Surg** 1984 Jul;1(4):569-72

Omental protection of autogenous arterial reconstruction following femoral prosthetic graft infection. Mendes D, et al. **J Vasc Surg** 1985 Jul;2(4):603-6

Extended autogenous profundaplasty and aortofemoral grafting: an alternative to synchronous distal bypass. Pearce WH, et al. **J Vasc Surg** 1984 May;1(3):455-8

Femorotibial vein bypass in a child. Pinkerton JA Jr, et al. **J Vasc Surg** 1985 Sep;2(5):735-8

Femorofemoral bypass grafts: ten-year experience. Plecha FR, et al. **J Vasc Surg** 1984 Jul;1(4):555-61

Isolated profundaplasty for limb salvage. Rollins DL, et al. **J Vasc Surg** 1985 Jul;2(4):585-90

Distal thoracic aorta to femoral artery bypass: a surgical alternative. Rosenfeld JC, et al. **J Vasc Surg** 1985 Sep; 2(5):747-50

Perioperative noninvasive hemodynamic ankle indices as predictors of infrainguinal graft patency. Samson RH, et al. **J Vasc Surg** 1985 Mar;2(2):307-311

Microvascular anastomosis using the milliwatt CO2 laser. Quigley MR, et al. **Lasers Surg Med** 1985;5(4):357-65

A hemodynamic evaluation of cuffed microarteriorrhaphy. Bell LD, et al. **Microsurgery** 1985;6(2):106-12

Microarteriorrhaphy: blood flow after wound healing. Blair WF, et al. **Microsurgery** 1985;6(2):116-20

Application of Kunlin's technique in vascular micro-anastomosis: experimental and clinical study. Fossati E, et al. **Microsurgery** 1985;6(1):53-5

Effect of sympathectomy on microvascular anastomosis in the rat. Hweidi SA, et al. **Microsurgery** 1985;6(2):92-6

An experimental study of the effect of infection on microvascular anastomosis. Luk KD, et al. **Microsurgery** 1985;6(2):113-5

The use of autologous graft and human umbilical vein graft in femorocrural bypasses—a preliminary report. Rondhuis JJ, et al. **Neth J Surg** 1985 Apr;37(2):50-3

Ascending aorta-bilateral femoral arteries bypass via preperitoneal route of ventral abdominal wall. Koie H, et al. **Nippon Geka Hokan** 1984 Jan 1;53(1):237-42

Infected aortoiliofemoral grafts: magnetic resonance imaging. Justich E, et al. **Radiology** 1985 Jan;154(1):133-6

Sequential bypass grafting for salvage of lower extremities. Calhoun TR, et al. **South Med J** 1985 Jan;78(1):41-4

Prognostic indicators in femoropopliteal and distal bypass grafts. Barry R, et al. **Surg Gynecol Obstet** 1985 Aug; 161(2):129-32

Patency of femoropopliteal and femorotibial grafts after outflow revascularization (jump grafts) to bypass distal disease. Andros G, et al. **Surgery** 1984 Nov;96(5):878-83

Comparison of axillounifemoral and axillobifemoral bypass operations. Ascer E, et al. **Surgery** 1985 Feb;97(2):169-75

Aneurysm of persistent sciatic artery: report of a case treated by endovascular occlusion and femoropopliteal bypass. Becquemin JP, et al. **Surgery** 1985 Sep;98(3):605-11

Revascularization of popliteal and below-knee arteries with polytetrafluoroethylene. Christenson JT, et al. **Surgery** 1985 Feb;97(2):141-9

Laser-assisted microvascular anastomoses: angiographic and anatomopathologic studies on growing microvascular anastomoses: preliminary report. Frazier OH, et al. **Surgery** 1985 May;97(5):585-90

Iliac endarterectomy with crossover ileofemoral bypass grafting for bilateral iliac artery stenosis. Lawrence PF, et al. **Surgery** 1985 May;97(5):621-5

Oscillating loop endarterectomy for peripheral vascular reconstruction. Lerwick ER. **Surgery** 1985 May; 97(5):574-84

Intraoperative assessment of in situ saphenous vein bypass grafts with continuous-wave Doppler probe. Spencer TD, et al. **Surgery** 1984 Nov;96(5):874-7

Femoropopliteal saphenous vein bypass grafts 8 years later. Sonnenfeld T, et al. **Vasa** 1985;14(2):152-4

[Effect of defibrinogenase on the patency rate of femoral artery microanastomosis in rabbits] Weng LJ. **Chung Hua Wai Ko Tsa Chih** 1984 Jun;22(6):327-8, 381 (Eng. Abstr.) (Chi)

[The etiology and treatment of complications in femoropoliteal vein bypass] Bartoš J, et al. **Rozhl Chir** 1984 Jul;63(7):457-68 (Eng. Abstr.) (Cze)

[The significance of profundaplasty. Proximal femoral gangrene despite central and peripheral arterial reconstruction to establish patency] Andersen J. **Ugeskr Laeger** 1984 Oct 15;146(42):3205-6 (Eng. Abstr.) (Dan)

[Upper limb complications of axillofemoral bypass] Dimaria G, et al. **Chirurgie** 1984;110(5):546-51 (Eng. Abstr.) (Fre)

[Aorto-ilio-femoral venous grafts. 66 cases. 60 surgically treated patients] Streichenberger R, et al. **Chirurgie** 1985; 111(2):168-79 (Eng. Abstr.) (Fre)

[Bilateral ureteral obstruction following aortofemoral bypass. Presentation of a case] Bonard M, et al. **Helv Chir Acta** 1984 Oct;51(3-4):399-401 (Eng. Abstr.) (Fre)

[Extra-anatomical shunts in the lower limbs. Apropos of a series of 51 consecutive cases] Glock Y, et al. **J Chir (Paris)** 1984 Oct;121(10):593-8 (Eng. Abstr.) (Fre)

[Extra-anatomic ilio- or femoro-femoral bypass] Paineau J, et al. **J Chir (Paris)** 1985 Jan;122(1):3-7 (Eng. Abstr.) (Fre)

[Femorotibial bypass. Apropos of 106 consecutive cases] Von Segesser L, et al. **J Chir (Paris)** 1984 Jun-Jul; 121(6-7):401-9 (Eng. Abstr.) (Fre)

[Long-term results of reversed venous femoro-popliteal bypass. Apropos of 151 cases] Ribal JP, et al. **J Mal Vasc** 1985;10(1):55-60 (Eng. Abstr.) (Fre)

[Composite arterial prosthesis for aortofemoral reconstruction with preservation of hypogastric flow] Branchereau A, et al. **Presse Med** 1985 Apr 13; 14(15):839-40 (Eng. Abstr.) (Fre)

[Aortoduodenal fistula following aortic replacement—cause of massive upper gastrointestinal hemorrhage] Bätz W, et al. **Chirurg** 1985 Feb;56(2):117-9 (Ger)

[Urologic complications following vascular prosthetic interventions in the aortofemoral area] Kleinhans G, et al. **Chirurg** 1985 Feb;56(2):95-9 (Eng. Abstr.) (Ger)

[Transplant occlusion following aortofemoral bifurcation bypass: causes, therapeutic measures and results] Hepp W, et al. **Langenbecks Arch Chir** 1984;363(2):83-92 (Eng. Abstr.) (Ger)

[Importance of transvenous digital subtraction angiography (DSA) in detecting vascular complications following aorto-iliac/femoral bifurcation bypass] Arlart IP, et al. **ROFO** 1984 Sep;141(3):313-8 (Eng. Abstr.) (Ger)

[Colon ureter following bilateral ureteral obstruction caused by aortobifemoral bypass operation] Mohácsi L, et al. **Urologe [A]** 1985 Jan;24(1):56-8 (Eng. Abstr.) (Ger)

[Morphologic changes in artificial prostheses following para-articular knee bypass operations] Tuchmann A. **Wien Klin Wochenschr** 1985 Jun 7;97(12):522-5 (Eng. Abstr.) (Ger)

[Profundaplasty—a palliative operation in leg arterial occlusion of the aged?] Liepe B, et al. **Z Gerontol** 1985 Jan-Feb;18(1):22-7 (Eng. Abstr.) (Ger)

[Transient reduced adrenal gland function following large vascular surgical interventions] Arndt M, et al. **Zentralbl Chir** 1984;109(16):1051-5 (Eng. Abstr.) (Ger)

[Axillo-bifemoral bypass with a PTFE expanded prosthesis (Gore-Tex) in the revascularization of the legs] Belardi P, et al. **Minerva Cardioangiol** 1984 Sep;32(9):615-20 (Eng. Abstr.) (Ita)

[Non-invasive evaluation of myocardial function in patients undergoing aorto-bifemoral bypass] Lo Cicero G, et al. **Minerva Cardioangiol** 1985 May;33(5):279-86 (Eng. Abstr.) (Ita)

[2 cases of combined aorto-femoral and femoral-popliteal

arterial reconstruction] Stancanelli V, et al.
Minerva Cardioangiol 1985 May;33(5):295-9 (Eng. Abstr.) (Ita)

[A case of flow reversal and thromboexclusion by ascending aorta-bilateral femoral artery bypass and permanent aortic clamp for extreme type of DeBakey III dissecting aneurysm] Hayase S, et al.
Nippon Kyobu Geka Gakkai Zasshi 1984 Jul;32(7):1078-85 (Eng. Abstr.) (Jpn)

[Repair of arteries with vascular microsurgery. Comparative experimental study] Stocchero IN, et al.
Rev Hosp Clin Fac Med Sao Paulo 1984 Jul-Aug; 39(4):178-82 (Eng. Abstr.) (Por)

[Use of antimicrobial polymers in emergency vascular surgery] Popous IuM, et al. **Klin Khir** 1985 Apr;(4):56-8 (Eng. Abstr.) (Rus)

[Successful treatment of aneurysm of a femoral artery prosthesis] Protsenko NV, et al. **Sov Med** 1985;(1):98-9 (Rus)

[Choosing the method of anesthesia in aortofemoral shunting] Astakhov AA, et al. **Vestn Khir** 1984 Dec;133(12):73-5 (Eng. Abstr.) (Rus)

[Experience with the treatment of suppuration surrounding synthetic vascular prostheses] Neugodov IuV, et al.
Vestn Khir 1984 Nov;133(11):108-10 (Eng. Abstr.) (Rus)

[Isolated plastic repair of the deep femoral artery in acute arterial obstruction] Vakhidov AV, et al. **Vestn Khir** 1984 Oct;133(10):64-8 (Eng. Abstr.) (Rus)

[Experimental arterial microanastomoses] Dobzhanskii NV, et al. **Zh Vopr Neirokhir** 1985 Jul-Aug;(3):54-60 (Eng. Abstr.) (Rus)

[Notes on a technic in axillo-femoral bypass] Cacciatore E. **Angiologia** 1985 Jan-Feb;37(1):18-20 (Eng. Abstr.) (Spa)

[Clinical and plethysmographic follow-up in aorto-iliac revascularization] Fernández de Caleya D, et al.
Angiologia 1985 May-Jun;37(3):99-105 (Eng. Abstr.) (Spa)

TRANSPLANTATION

Endarterectomized superficial femoral artery as an arterial patch. Rollins DL, et al. **Arch Surg** 1985 Mar;120(3):367-9

Visualization of arterial grafts on a gastrointestinal bleeding scan. Noel AW, et al. **Clin Nucl Med** 1985 Jan;10(1):19-20

Salvage of ischemic lower limb by subcutaneous femorofemoral crossover graft. Mashiah A, et al.
Isr J Med Sci 1984 Nov;20(11):1090-3

Influence of vessel clips on vascular patency in microarterial grafts less than 0.5 mm in external diameter. Huang GK, et al. **J Hand Surg [Am]** 1985 Jul;10(4):538-41

In vivo evaluation of the acute thrombogenicity of the modified human umbilical vein and autologous artery. Björck CG, et al. **J Vasc Surg** 1985 May;2(3):434-42

The superficial femoral artery as a conduit: an alternative to prosthetic material. Mukherjee D, et al. **J Vasc Surg** 1985 Sep;2(5):739-40

ULTRASTRUCTURE

Scanning electron microscopy studies of needle and suture damage in rat carotid and femoral arteries. Longa EZ, et al. **Microsurgery** 1984;5(4):169-74

[Ultrastructural features of femoral artery myocytes during experimental leg lengthening] Ir'ianov IuM, et al.
Arkh Anat Gistol Embriol 1984 Nov;87(11):48-52 (Eng. Abstr.) (Rus)

FEMORAL FRACTURES

[Open intra-articular fractures of the femoral condyle. A difficult problem in fresh knee injuries] Leutenegger A, et al. **Helv Chir Acta** 1985 Apr;52(1):185-8 (Eng. Abstr.) (Ger)

BLOOD

Low circulating vitamin K levels and fractured femur [letter] Klenerman L. **Lancet** 1984 Oct 27;2(8409):979

COMPLICATIONS

Brucella osteomyelitis of a closed femur fracture. Abrahams MA, et al. **Clin Orthop** 1985 May;(195):194-6

Common avoidable problems in nonunions. Connolly JF.
Clin Orthop 1985 Apr;(194):226-35

Growth disturbances following fractures of the femur and tibia in children. Cigala F, et al.
Ital J Orthop Traumatol 1985 Mar;11(1):121-5

Growth disturbances following fractures of the femur and tibia in children. Di Leo P, et al.
Ital J Orthop Traumatol 1985 Mar;11(1):127-31

Growth disturbances following fractures of the femur and tibia in children. Lorenzi GL, et al.
Ital J Orthop Traumatol 1985 Mar;11(1):133-7

Growth disturbances following fractures of the femur and tibia in children. Parrini L, et al.
Ital J Orthop Traumatol 1985 Mar;11(1):139-45

Ipsilateral fractures of the femur and tibia. A report of fifty-seven consecutive cases. Veith RG, et al.
J Bone Joint Surg [Am] 1984 Sep;66(7):991-1002

Stiffness after fractures around the knee in spina bifida. Drabu KJ, et al. **J Bone Joint Surg [Br]** 1985 Mar;67(2):266-7

Ipsilateral fracture of neck and shaft of femur. Mishra KM, et al. **J Indian Med Assoc** 1984 Sep;82(9):331-2

False aneurysm causing non-union of a closed femoral shaft fracture. Read L. **J R Coll Surg Edinb** 1984 Jul;29(4):257-9

Multiple fractures associated with myocardial infarction [letter] Breit R. **Med J Aust** 1985 Jan 21;142(2):165

False aneurysm of the profunda femoris artery complicating fracture of the femoral shaft and treated by transcatheter embolization. A case report. Barnes DI, et al.
S Afr Med J 1985 May 17;67(20):824-6

[Surgical treatment of limited bending capacity of the knee joint following femoral fractures] Barnbeck F, et al.
Beitr Orthop Traumatol 1984 Sep;31(9):468-71 (Eng. Abstr (Ger)

[Separation of the distal femoral epiphysis] Linhart WE, et al. **Unfallchirurg** 1985 Jun;88(6):274-9 (Eng. Abstr.) (Ger)

[Combined fractures of the pelvic bones and the femur in children] Dzhalilov PS. **Ortop Travmatol Protez** 1985 Jun;(6):12-5 (Eng. Abstr.) (Rus)

DIAGNOSIS

Stress fracture of the femoral shaft in children: report of two cases and discussion. Burks RT, et al. **J Pediatr Orthop** 1984 Sep;4(5):614-6

DRUG THERAPY

Effects of short-term cyclosporin-A on biomechanical properties of intact and fractured bone in the rat. Warren SB, et al. **J Orthop Res** 1985;3(1):96-100

ETIOLOGY

Ski fractures of the femur. Yvars MF, et al.
Am J Sports Med 1984 Sep-Oct;12(5):386-90

Supracondylar fracture in a patient with total knee arthroplasty. A case report. Ritter MA, et al.
Clin Orthop 1985 Mar;(193):168-70

Femoral fracture following hip arthroplasty. Brief note on treatment. Wang GJ, et al. **J Bone Joint Surg [Am]** 1985 Jul;67(6):956-8

Production of a standard closed fracture in laboratory animal bone. Bonnarens F, et al. **J Orthop Res** 1984;2(1):97-101

Fractured femur of the newborn at cesarean section. A case report. Barnes AD, et al. **J Reprod Med** 1985 Mar; 30(3):203-5

Biomechanics of femur fractures secondary to gunshot wounds. Smith HW, et al. **J Trauma** 1984 Nov;24(11):970-7

Femoral fracture due to osteosarcoma masquerading as internal derangement of the knee. Smith SM, et al.
Nebr Med J 1984 Sep;69(9):304-6

[Ipsilateral femoral fractures after hip alloplasty using the Partridge method] Larsen E, et al. **Ugeskr Laeger** 1984 Oct 15;146(42):3195-8 (Eng. Abstr.) (Dan)

[Fracture of the femur associated with ipsilateral hip replacement. A complication of hip replacement] Rasmussen AK, et al. **Ugeskr Laeger** 1984 Dec 3; 146(49):3839-41 (Eng. Abstr.) (Dan)

[Treatment of metastatic fractures of the femoral shaft by closed reposition and intramedullary nailing] Simesen K, et al. **Ugeskr Laeger** 1985 Jun 17;147(25):1991-2 (Eng. Abstr.) (Dan)

[Osteolysis, then fracture of the femur in a Paget's disease patient treated with high-dose disodium etidronate] Pinel B, et al. **Rev Rhum Mal Osteoartic** 1984 Jul-Sep; 51(7-8):417-8 (Fre)

[Femur shaft fractures in artificial hip joint replacement] Mayer G, et al. **Zentralbl Chir** 1985;110(12):739-48 (Eng. Abstr.) (Ger)

[Considerations on a case of obstetrical injury of the proximal third of the femur] Patella V, et al. **Chir Organi Mov** 1984; 69(3):307-9 (Eng. Abstr.) (Ita)

[Femoral fracture in a child during spontaneous delivery in the occipital position] Bosner H, et al.
Jugosl Ginekol Opstet 1984 May-Aug;24(3-4):65-6 (Eng. Abstr.) (Scr)

METABOLISM

Uptake of technetium-99m methylene diphosphonate by fractured and osteoporotic bone after a pulse dose of vitamin D3. Carr EA Jr, et al. **J Nucl Med** 1985 Apr; 26(4):385-9

[H3-25-hydroxycholecalciferol metabolism in rats with experimental femoral fractures] Arkhapchev IuP, et al.
Vopr Pitan 1984 Jul-Aug;(4):54-7 (Eng. Abstr.) (Rus)

MORTALITY

Fractures of the hip in the elderly: therapeutic and medico-social considerations. el Banna S, et al.
Arch Gerontol Geriatr 1984 Dec;3(4):311-9

OCCURRENCE

A stochastic model of age-related bone loss and fractures. Horsman A, et al. **Clin Orthop** 1985 May;(195):207-15

Incidence of proximal femoral fracture [letter] Evans JG. **Lancet** 1985 Apr 20;1(8434):925-6

[Femoral shaft fractures in children. 5-year case material] Raugstad TS, et al. **Tidsskr Nor Laegeforen** 1984 Nov 10; 104(31):2162-4 (Eng. Abstr.) (Nor)

PHYSIOPATHOLOGY

Alcoholism and fracture healing. A radiological study in the rat. Jänicke-Lorenz J, et al. **Arch Orthop Trauma Surg** 1984; 103(4):286-9

Radiation-induced alterations of fracture healing biomechanics. Pelker RR, et al. **J Orthop Res** 1984; 2(1):90-6

[Biomechanical studies of bone treated with intramedullary nailing, with special reference to possible axis deviations] Fux HD, et al. **Unfallchirurgie** 1984 Aug;10(4):163-7 (Eng. Abstr.) (Ger)

[New aspects of secondary fracture healing during intramedullary nailing. Biomechanical analysis] Fux HD, et al. **Unfallheilkunde** 1984 Sep;87(9):369-73 (Eng. Abstr.) (Ger)

[Regional blood flow in fractures of femoral diaphysis in children] Timoshchenko OA, et al. **Klin Khir** 1985;(6):34-6 (Eng. Abstr.) (Rus)

PSYCHOLOGY

[Social medicine sequelae of femoral fractures near the hip in elderly patients] Kopp P. **ZFA** 1985 Jan-Feb;40(1):29-40 (Eng. Abstr.) (Ger)

RADIOGRAPHY

Simultaneous ipsilateral trochanteric and femoral shaft fracture. Barquet A, et al. **Acta Orthop Scand** 1985 Feb; 56(1):36-9

Fractured femur of the newborn at cesarean section. A case report. Barnes AD, et al. **J Reprod Med** 1985 Mar; 30(3):203-5

Case report 285. Femur and cerebellum. Moskowitz H, et al. **Skeletal Radiol** 1984;12(2):151

[Roentgen diagnosis of statically-induced chronic fractures] König H, et al. **Rontgenblatter** 1984 Aug;37(8):269-72 (Eng. Abstr.) (Ger)

REHABILITATION

A microcomputer based audit of fracture of the proximal femur in the elderly. Beringer TR, et al. **Age Ageing** 1984 Nov;13(6):344-8

SURGERY

Technical faults and complications in interlocking nailing of femoral and tibial fractures. Reinders J, et al.
Acta Orthop Belg 1984 Sep-Oct;50(5):577-90

Effects of rotational instability on healing of femoral osteotomies in the rat. Mølster AO. **Acta Orthop Scand** 1984 Dec;55(6):632-6

A nail-safe method. Robinson JE, et al. **Am J Nurs** 1985 Feb;85(2):158-61

Blunt multiple trauma (ISS 36), femur traction, and the pulmonary failure-septic state. Seibel R, et al. **Ann Surg** 1985 Sep;202(3):283-95

Plate osteosynthesis in posttraumatic deformities of the femoral shaft. Müller KH, et al.
Arch Orthop Trauma Surg 1984;103(5):303-19

Ender's nailing of hip fractures: the operation and the radiation hazards. Moreau JP, et al. **Can J Surg** 1985 Jan; 28(1):25-6

Retrieval and analysis of intramedullary rods. A follow-up study. Cook SD, et al. **Clin Orthop** 1984 Dec;(191):269-73

Ununited fractures of the femur stabilized with the fluted rod. Harper MC. **Clin Orthop** 1984 Nov;(190):273-8

Femoral shaft nonunion treated by a fluted intramedullary rod. Heiple KG, et al. **Clin Orthop** 1985 Apr;(194):218-25

Semirigid rod fixation for long-bone fracture. Wang GJ, et al. **Clin Orthop** 1985 Jan-Feb;(192):291-8

Supracondylar fractures of the femur [letter] Zimmerman AJ. **Clin Orthop** 1984 Dec;(191):287-8

Open medullary nailing of the femur: Ibadan experience. Ebong WW. **East Afr Med J** 1984 May;61(5):393-8

Fatal complications of the surgical treatment of distal fractures of the femur. Ferris BD, et al. **Injury** 1984 Nov; 16(3):207-8

The management of severely comminuted fractures of the femoral shaft, using the external fixator. Gottschalk FA, et al. **Injury** 1985 May;16(6):377-81

External fixation of ipsilateral fractures of the femur and tibia. Rööser B, et al. **Injury** 1985 May;16(6):371-3

Infected non-union of a femur treated with a vascularized fibular graft. Scott WA. **Injury** 1985 Jul;16(7):455-6

The floating knee. 40 cases of ipsilateral fractures of the femur and the tibia. Bansal VP, et al. **Int Orthop** 1984;8(3):183-7

Plate and screw fixation by autogenous corticocancellous grafts in comminuted fractures of the femur. Rinaldi E, et al. **Ital J Orthop Traumatol** 1984 Sep;10(3):349-54

Biomechanical factors affecting fracture stability and femoral bursting in closed intramedullary rod fixation of femur fractures. Tencer AF, et al. **J Biomech Eng** 1985 May; 107(2):104-11

Fractures of the femur treated by open and closed intramedullary nailing using the fluted rod. Harper MC.
J Bone Joint Surg [Am] 1985 Jun;67(5):699-708

Ipsilateral fractures of the femoral neck and shaft [letter] Harper MC. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1143-4

Comminuted femoral-shaft fractures: treatment by roller traction, cerclage wires and an intramedullary nail, or an interlocking intramedullary nail. Johnson KD, et al.
J Bone Joint Surg [Am] 1984 Oct;66(8):1222-35

Cephalosporins for prophylaxis in operative repair of femoral fractures. Levels in serum, muscle, and hematoma. Jones S, et al. **J Bone Joint Surg [Am]** 1985 Jul;67(6):921-4

Closed locked intramedullary nailing. Its application to comminuted fractures of the femur. Kempf I, et al. **J Bone Joint Surg [Am]** 1985 Jun;67(5):709–20

A biomechanical comparison of various methods of stabilization of subtrochanteric fractures of the femur. Tencer AF, et al. **J Orthop Res** 1984;2(3):297–305

Immediate closed antegrade ender nailing of femoral fractures in polytrauma patients. Browner BD, et al. **J Trauma** 1984 Nov;24(11):921–7

Genitoperineal injury induced by orthopedic fracture table. Peterson NE. **J Urol** 1985 Oct;134(4):760–1

Surgical emphysema from wound drainage suction unit [letter] Naguib M, et al. **Lancet** 1985 Jun 8;1(8441):1330

Intramedullary nailing and diaphyseal blood supply. Sigmond ER, et al. **Minn Med** 1985 May;68(5):363–7

[Treatment of fractures of the femoral diaphysis in childhood] Mrzena V. **Acta Chir Orthop Traumatol Cech** 1985 Jul;52(4):374–7 (Eng. Abstr.) (Cze)

[Treatment of comminuted fractures of the femoral diaphysis by percutaneous nailing locked with Geneste's clamp plate] Theodoresco B, et al. **Acta Orthop Belg** 1984;50(6):844–53 (Eng. Abstr.) (Fre)

[Fentanyl, pancuronium and nitrous oxide in high-risk orthopedic and traumatologic surgery] Tartière J, et al. **Cah Anesthesiol** 1985 Jan–Feb;33(1):51–4 (Fre)

[Postoperative infection of fractures of the femoral diaphysis treated by osteosynthesis. Long-term outcome] Pahud B, et al. **Rev Chir Orthop** 1985;71(4):231–4 (Eng. Abstr.) (Fre)

[Compound osteosynthesis in spontaneous femoral fractures] Holz U. **Aktuel Traumatol** 1985 Jun;15(3):100–3 (Eng. Abstr.) (Ger)

[Delayed operative management of isolated closed femur shaft fractures in adults] Konold P. **Aktuel Traumatol** 1985 Jun;15(3):104–9 (Eng. Abstr.) (Ger)

[Reconstructive interventions following femoral fractures] Walter E, et al. **Aktuel Traumatol** 1985 Feb;15(1):17–24 (Eng. Abstr.) (Ger)

[Arterial supply of the sartorius muscle] Kaiser E, et al. **Chirurg** 1984 Nov;55(11):731–2 (Eng. Abstr.) (Ger)

[Dynamic hip screw] Krueger P, et al. **Chirurg** 1985 Jan;56(1):9–15 (Ger)

[Reconstructive transposition osteotomy for the treatment of unstable pertrochanteric femoral fractures] Mischkowsky T, et al. **Chirurg** 1985 Jan;56(1):25–9 (Ger)

[Operative technic on the hip: osteosynthesis or prosthesis] Schauwecker F, et al. **Chirurg** 1985 Jan;56(1):1–8 (Ger)

[Ender nailing—pro and contra] Vécsei V. **Chirurg** 1985 Jan;56(1):16–24 (Ger)

[Ender nailing with expanded indications] Korisek G, et al. **Unfallchirurg** 1985 Aug;88(8):357–62 (Eng. Abstr.) (Ger)

[Considerations on the time of surgery of femoral fractures] Ecke H, et al. **Unfallchirurgie** 1985 Apr;11(2):89–93 (Eng. Abstr.) (Ger)

[Delay in the liberation of the polyvinylpyrrolidone iodine complex from porous, resorbable tricalcium phosphate ceramic granules by using soluble coatings in the local treatment of osteomyelitis. An animal experiment study] Eitenmüller J, et al. **Unfallheilkunde** 1984 Dec;87(12):517–23 (Eng. Abstr.) (Ger)

[Vario-head endoprostheses in femoral neck and para-femoral neck fractures] Niebuhr H, et al. **Unfallheilkunde** 1984 Aug;87(8):331–7 (Eng. Abstr.) (Ger)

[Initial experiences with a new driving instrument for intramedullary nailing of proximal femoral fractures] Klötzer R, et al. **Zentralbl Chir** 1984;109(20):1335–7 (Ger)

[Incidence of intercurrent complications and their prognostic value in elderly patients with femoral fractures near the hip] Kopp P. **ZFA** 1984 Nov–Dec;39(6):337–45 (Eng. Abstr.) (Ger)

[Primary total hip replacement for displaced subcapital femoral fractures] Mirovsky Y, et al. **Harefuah** 1985 Feb 15;108(4):172–5 (Eng. Abstr.) (Heb)

[Use of an autologous rib in bone reconstruction of major defects in pseudoarthrosis] Bodrogi L, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985;28(1):83–6 (Eng. Abstr.) (Hun)

[Etage fracture] Kaplonyi G, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985;28(3):191–205 (Eng. Abstr.) (Hun)

[Osteosynthesis of fractures caused by metastases] Kovalkovits I, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1984;27(4):262–7 (Eng. Abstr.) (Hun)

[Isotope study of patients after medullary nailing] Magyari Z, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985;28(1):51–4 (Eng. Abstr.) (Hun)

[Experience with gas gangrene patients treated with hyperbaric oxygen] Varga P, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985;28(1):11–6 (Eng. Abstr.) (Hun)

[Functional retraining in osteosynthesis of the femur] Pescatori E, et al. **Chir Ital** 1982 Jun;34(3):455–60 (Eng. Abstr.) (Ita)

[Treatment of inter-supracondylar fractures of the femur using the Judet bone plate] Bocchi L, et al. **Chir Organi Mov** 1984;69(1):39–44 (Eng. Abstr.) (Ita)

[Intramedullary fixation by the Ender method: technical device] Consolo C. **Chir Organi Mov** 1984;69(3):257–60 (Eng. Abstr.) (Ita)

[Blocked centromedullary nailing in the treatment of diaphyseal fractures of the femur and tibia] Fontanesi G, et al. **Chir Organi Mov** 1982–83;68(4–6):439–51 (Eng. Abstr.) (Ita)

[Grosse and Kempf nails in the treatment of diaphyseal fractures of the femur] Zinghi GF, et al. **Chir Organi Mov** 1984;69(2):153–8 (Eng. Abstr.) (Ita)

[Usefulness of the Ender method in the treatment of femoral fractures with neoplastic changes] Betta E, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(4):331–4 (Eng. Abstr.) (Pol)

[Value of decortication in osteotomies of the long bones] Bieniek J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(2):161–3 (Eng. Abstr.) (Pol)

[Evaluation of treatment of ununited fractures of the long bones by the Guduszauri method] Gazda J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(3):245–50 (Eng. Abstr.) (Pol)

[Intramedullary stable osteosynthesis of femoral shaft fractures by a closed method] Niedziółka J. **Chir Narzadow Ruchu Ortop Pol** 1984;49(4):325–9 (Eng. Abstr.) (Pol)

['Zespol'—a new type of osteosynthesis. III. Results of treatment] Ramotowski W, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(4):313–8 (Eng. Abstr.) (Pol)

[Usefulness of cylindrical transplants of cancellous bone tissue for acceleration of osteogenetic processes in pseudarthroses] Skwarcz A, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(3):251–4 (Eng. Abstr.) (Pol)

[Treatment of femoral shaft fractures by the Küntscher method] Kladny J, et al. **Wiad Lek** 1985 Feb 1;38(3):199–202 (Eng. Abstr.) (Pol)

[Osteosynthesis with an elastic rod as an alternative in treating fractures of the pelvic limb] Burghele N, et al. **Rev Chir [Chir]** 1984 Jul–Aug;33(4):281–8 (Eng. Abstr.) (Rum)

[Causes of complications during intramedullary osteosynthesis of the femur and their prevention] Abduev BD. **Ortop Travmatol Protez** 1985 Jan;(1):19–22 (Eng. Abstr.) (Rus)

[Correction of a deformity of the femur using Ilizarov's apparatus in a 3-year-old child with chronic osteomyelitis] Saenko OL. **Vestn Khir** 1984 Nov;133(11):106–7 (Rus)

[Closed transosseous osteosynthesis using the Ilizarov method in treating patients with condylar fractures of the femur and crus] Shved SI, et al. **Vestn Khir** 1984 Sep;133(9):90–3 (Eng. Abstr.) (Rus)

[Unilateral fractures of the femoral neck and diaphysis] Jovanović Z, et al. **Vojnosanit Pregl** 1984 Nov–Dec;41(6):464–6 (Ser)

THERAPY

The rapid transit system for patients with fractures of proximal femur. Sikorski JM, et al. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):439–43

The rapid transit system for patients with fractures of the proximal femur [letter] Warne RW. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1076

Supracondylar fractures of the femur: results of treatment of 61 patients. Halpenny J, et al. **Can J Surg** 1984 Nov;27(6):606–9

Treatment of femoral fractures with the cast brace. McIvor JB, et al. **Can J Surg** 1984 Nov;27(6):592–4

Treatment of femoral shaft fractures associated with acute spinal cord injuries. Garland DE, et al. **Clin Orthop** 1985 Jul–Aug;(197):191–5

Treatment of supracondylar fractures following prosthetic arthroplasty of the knee. Sisto DJ, et al. **Clin Orthop** 1985 Jun;(196):265–72

Treatment of bone non-union by electromagnetic therapy. Lynch AF, et al. **Ir J Med Sci** 1985 Apr;154(4):153–5

Segmental femur loss in children. Mesko JW, et al. **J Pediatr Orthop** 1985 Jul–Aug;5(4):471–4

Severe tetanus complicating an open femoral fracture successfully managed using intrathecal human tetanus immunoglobulin and external fixation. Henderson A, et al. **J R Army Med Corps** 1984 Oct;130(3):185–7

Conservative treatment of ipsilateral supracondylar femoral fracture after total knee arthroplasty. Delport PH, et al. **J Trauma** 1984 Sep;24(9):846–9

Treatment of femoral shaft fractures in the spinal cord injury patient using the Wagner leg lengthening device. Baird RA, et al. **Paraplegia** 1984 Dec;22(6):366–72

The treatment of trochanteric fractures of the femur by the Ender method. McCoy GF, et al. **Ulster Med J** 1983;52(2):136–41

[Late results following femoral shaft fractures in childhood] Hofmann von Kap-herr S, et al. **Unfallchirurgie** 1985 Feb;11(1):28–32 (Eng. Abstr.) (Ger)

[Femoral shaft fractures in early childhood] Pachucki A, et al. **Unfallchirurgie** 1984 Dec;10(6):303–8 (Eng. Abstr.) (Ger)

[Post-traumatic femur head necrosis following trochanter fracture] Linhart W, et al. **Z Orthop** 1984 Nov–Dec;122(6):766–9 (Eng. Abstr.) (Ger)

[Analysis of suppurative complications of the surgical treatment of femoral fractures previously treated by epicondylar wire traction] Kozak J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(3):231–3 (Eng. Abstr.) (Pol)

[Gunshot fractures of the femur] Dubrov IaG. **Khirurgiia (Mosk)** 1985 May;(5):61–5 (Rus)

[Periarticular and intra-articular fractures of the knee joint in middle-aged and aged patients] Imamaliev AS, et al. **Ortop Travmatol Protez** 1984 Dec;(12):37–43 (Rus)

[Regional administration of vitamins C and B 1 and calcium gluconate in the treatment of closed diaphyseal fractures] Shalkhiev USh, et al. **Ortop Travmatol Protez** 1984 Nov;(11):31–3 (Eng. Abstr.) (Rus)

[Treatment characteristics of bilateral femoral fractures] Stamatin SI, et al. **Vestn Khir** 1984 Oct;133(10):86–9 (Eng. Abstr.) (Rus)

URINE

[Changes in urinary hydroxyproline in fractures] Wang ZX, et al. **Chung Hua Wai Ko Tsa Chih** 1985 May;23(5):275–7, 318 (Eng. Abstr.) (Chi)

VETERINARY

Preliminary study of ethylene oxide sterilization of full-thickness cortical allografts used in segmental femoral fracture repair. Johnson AL, et al. **Am J Vet Res** 1985 May;46(5):1050–6

Femoral fracture repair complicated by vascular injury in a foal. Rose PL, et al. **J Am Vet Med Assoc** 1984 Oct 1;185(7):795–7

Hedgehog information [letter] Maggs MJ. **Vet Rec** 1985 Jun 29;116(26):699

Tetanus in a cat [letter] Robinson LR. **Vet Rec** 1985 Jun 29;116(26):699

Preliminary study on the use of a silver oxide watch battery (1.5 V) for electrical enhancement of bone healing. Shokry M. **Vet Res Commun** 1985 Jul;9(3):245–50

FEMORAL HEAD PROSTHESIS see **HIP PROSTHESIS**

FEMORAL HERNIA see **HERNIA, FEMORAL**

FEMORAL NECK FRACTURES

COMPLICATIONS

Hip fracture in rheumatoid arthritis. Strömqvist B. **Acta Orthop Scand** 1984 Dec;55(6):624–8

Femoral head vitality at reoperation for femoral neck fracture complications. Strömqvist B, et al. **Arch Orthop Trauma Surg** 1984;103(4):235–40

The young patient with a fractured neck of femur [editorial] Klenerman L. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1928

The iliopsoas muscle pedicle bone graft: an experimental study of femoral head vascularity after subcapital fractures and hip dislocations. Day B, et al. **Clin Orthop** 1984 Dec;(191):262–8

Anterior dislocation of the hip with ipsilateral basicervical fracture. A case report. Sadler AH, et al. **J Bone Joint Surg [Am]** 1985 Feb;67(2):326–9

Ipsilateral fracture of neck and shaft of femur. Mishra KM, et al. **J Indian Med Assoc** 1984 Sep;82(9):331–2

Prevention of fatal pulmonary embolism in patients with fractures of the neck of the femur. Gruber UF. **Surg Gynecol Obstet** 1985 Jul;161(1):37–42

[Articular amyloidosis, femoral neck fracture and chronic periodic hemodialysis] Huaux JP, et al. **Rev Rhum Mal Osteoartic** 1985 Mar;52(3):179–82 (Fre)

DIAGNOSIS

Spontaneous stress fractures of the femoral neck. Dorne HL, et al. **AJR** 1985 Feb;144(2):343–7

ETIOLOGY

Bilateral fracture of the femoral neck during a hypocalcaemic convulsion. A case report. Taylor LJ, et al. **J Bone Joint Surg [Br]** 1985 Aug;67(4):536–7

Femoral neck fracture in a child with autosomal dominant osteopetrosis. Greene WB, et al. **J Pediatr Orthop** 1985 Jul–Aug;5(4):483–5

Femoral neck fractures complicating Gaucher disease in children. Goldman AB, et al. **Skeletal Radiol** 1984;12(3):162–8

Is avoidance of sunlight a cause of fractures of the femoral neck in elderly Saudis? Al-Arabi KM, et al. **Trop Geogr Med** 1984 Sep;36(3):273–9

[Occult damage to the femur neck in senile-/inactivity-osteoporosis] Reichelt HG. **Rontgenblatter** 1985 Jun;38(6):177–81 (Eng. Abstr.) (Ger)

[Pathological femur neck fractures in psoriasis] Bakay E, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1984;27(4):293–6 (Eng. Abstr.) (Hun)

OCCURRENCE

Rising incidence of fracture of the proximal femur. Boyce WJ, et al. **Lancet** 1985 Jan 19;1(8421):150–1

Does fluoridation of drinking-water prevent bone fragility and osteoporosis? Simonen O, et al. **Lancet** 1985 Aug 24;2(8452):432–4

PATHOLOGY

Histomorphometric changes in the trabecular structure of a selected stress region in the femur in patients with osteoarthritis and fracture of the femoral neck. Fazzalari NL, et al. **Bone** 1985;6(3):125–33

[Distribution of trabecular microfractures in the proximal femur—with the epiphyseal scar as a landmark] Tamai K, et al. **Nippon Seikeigeka Gakkai Zasshi** 1984 Jul;58(7):631–7 (Eng. Abstr.) (Jpn)

PHYSIOPATHOLOGY

Anorexia nervosa presenting as morbid exercising [letter] Waldstreicher J. **Lancet** 1985 Apr 27;1(8435):987

PREVENTION & CONTROL

Femoral neck fracture: a preventable phenomenon? Burry HC, et al. **NZ Med J** 1984 Dec 12;97(769):856–9

PSYCHOLOGY

Mental function and morbidity after acute hip surgery during spinal and general anaesthesia. Bigler D, et al. **Anaesthesia** 1985 Jul;40(7):672–6

RADIOGRAPHY

The radiological evaluation of multiple pin fixation of the femoral head. Turner A, et al. **Br J Radiol** 1984 Oct; 57(682):887–90

Neck fractures of femoral prostheses. A report of two cases. Burstein AH, et al. **J Bone Joint Surg [Am]** 1985 Mar; 67(3):497–9

[Lateral femoral neck fracture as a fatigue fracture] Schratz W, et al. **Aktuel Traumatol** 1985 Feb;15(1):33–5 (Eng. Abstr.) (Ger)

[Roentgen diagnosis of statically-induced chronic fractures] König H, et al. **Rontgenblatter** 1984 Aug;37(8):269–72 (Eng. Abstr.) (Ger)

[Bilateral fatigue fracture of the femur neck in Bechterew disease. Case report] Korovessis P. **Z Orthop** 1984 Sep–Oct; 122(5):716–7 (Eng. Abstr.) (Ger)

RADIONUCLIDE IMAGING

Radionuclide scintimetry for diagnosis of complications following femoral neck fracture. Alberts KA, et al. **Acta Orthop Scand** 1984 Dec;55(6):606–11

Comparison of skeletal and bone marrow radionuclide scintimetry of femoral neck fracture. Alberts KA, et al. **Acta Orthop Scand** 1984 Dec;55(6):612–5

Evaluation in femoral neck fracture scintimetry: modes of region of interest selection and influence on results. Holmberg S, et al. **J Nucl Med** 1985 Apr;26(4):353–6

[Use of technetium Tc 99m pyrophosphate for the examination of patients with medial femoral neck fracture] Rutskii AV, et al. **Ortop Travmatol Protez** 1985 Feb; (2):19–23 (Eng. Abstr.) (Rus)

REHABILITATION

A microcomputer based audit of fracture of the proximal femur in the elderly. Beringer TR, et al. **Age Ageing** 1984 Nov;13(6):344–8

Hospital care for fractured neck of femur [letter] Bendall R, et al. **Lancet** 1985 Jan 12;1(8420):113–4

[Evaluation of the systems controlling motor efficiency of elderly persons after femoral neck fractures] Konieczna D. **Chir Narzadow Ruchu Ortop Pol** 1984;49(6):549–52 (Eng. Abstr.) (Pol)

SURGERY

Osteosynthesis of femoral neck fracture. The sliding-screw-plate with or without compression. Frandsen PA, et al. **Acta Orthop Scand** 1984 Dec;55(6):620–3

Sliding screw-plate for fixation of femoral neck fracture. Nordkild P, et al. **Acta Orthop Scand** 1984 Dec;55(6):616–9

Two-year follow-up of femoral neck fractures. Comparison of osteosynthesis methods. Strömqvist B, et al. **Acta Orthop Scand** 1984 Oct;55(5):521–5

Mortality following surgery for fractures of the neck of femur. Goucke CR. **Anaesthesia** 1985 Jun;40(6):578–83

Analgesia following femoral neck surgery. Lateral cutaneous nerve block as an alternative to narcotics in the elderly. Jones SF, et al. **Anaesthesia** 1985 Jul;40(7):682–5

Effects of anaesthetic technique on deep vein thrombosis. A comparison of subarachnoid and general anaesthesia. McKenzie PJ, et al. **Br J Anaesth** 1985 Sep;57(9):853–7

Rapid transit system for patients with fractured neck of femur [letter] McKenzie PJ, et al. **Br Med J [Clin Res]** 1985 Mar 16;290(6471):856–7

Femoral head viability following hip fracture. Prognostic role of radionuclide bone imaging. Drane WE, et al. **Clin Nucl Med** 1985 Mar;10(3):141–6

The treatment of pathologic and impending pathologic fractures of the proximal femur in the elderly. Behr JT, et al. **Clin Orthop** 1985 Sep;(198):173–8

Subtrochanteric fracture as a complication of proximal femoral pinning. Karr RK, et al. **Clin Orthop** 1985 Apr; (194):214–7

Treatment of femoral neck fractures with a sliding compression screw and two Knowles pins. Ort PJ, et al. **Clin Orthop** 1984 Nov;(190):158–62

Femoral head vitality in femoral neck fracture after hook-pin internal fixation. Strömqvist B, et al. **Clin Orthop** 1984 Dec; (191):105–9

Avoidance of avascular necrosis of the femoral head, following fractures of the femoral neck, by early reduction and internal fixation. Manninger J, et al. **Injury** 1985 Jul; 16(7):437–48

Femoral neck fracture: sliding screw plate versus sliding nail plate—a randomized trial. Nordkild P, et al. **Injury** 1985 Jul;16(7):449–54

Osteosynthesis with valgus osteotomy in the primary treatment of subcapital fractures of the neck of the femur. Rinaldi E, et al. **Ital J Orthop Traumatol** 1984 Sep; 10(3):313–20

Femoral neck fractures in the geriatric population: the influence of perioperative health upon the selection of surgical treatment. Zindrick MR, et al. **J Am Geriatr Soc** 1985 Feb;33(2):104–8

Primary total hip replacement for displaced subcapital fractures of the femur. Taine WH, et al. **J Bone Joint Surg [Br]** 1985 Mar;67(2):214–7

Hand grip—a simple test for morbidity after fracture of the neck of femur. Davies CW, et al. **J R Soc Med** 1984 Oct; 77(10):833–6

Mo(o)re or less prostheses—retrospective study of 166 dislocated femoral neck fractures treated by the Moore endoprostheses. Diercks RL, et al. **Neth J Surg** 1985 Feb; 37(1):11–5

[The Monk metal cap hemiarthroplasty in the treatment of medical fractures of the femoral neck] Bagger J, et al. **Ugeskr Laeger** 1985 Feb 18;147(8):704–5 (Eng. Abstr.) (Dan)

[Refracture of a femur neck fracture treated with osteosynthesis] Hansen , et al. **Ugeskr Laeger** 1984 Dec 31;147(1):28–9 (Eng. Abstr.) (Dan)

[Intracapsular fractures of the femoral neck in children. Apropos of 24 cases] Lacheretz M, et al. **Chirurgie** 1984; 110(5):538–45 (Eng. Abstr.) (Fre)

[Automatic retroversion of the femur neck during fasciculated nailing of pertrochanteric fractures by the Ender method] Teinturier P, et al. **Int Orthop** 1984; 8(1):13–7 (Eng. Abstr.) (Fre)

[Trochanteric fractures in the elderly: Ender nails, prostheses or direct osteosyntheses. Apropos of a continuous series of 265 cases] Saragaglia D, et al. **Rev Chir Orthop** 1985; 71(3):179–86 (Eng. Abstr.) (Fre)

[Osteosynthesis of true neck fracture using the Decamps-Kerner compression plate clamp (STACA)] Freuler C, et al. **Z Unfallchir Versicherungsmed Berufskr** 1984;77(2):99–101 (Fre)

[Differentiated procedure in fractures of the coxal femur end in adults] Scharf W, et al. **Aktuel Traumatol** 1985 Feb; 15(1):10–6 (Eng. Abstr.) (Ger)

[Osteosynthesis of median femoral neck fractures using spongiosa screws] Woischke R. **Aktuel Traumatol** 1985 Jun; 15(3):93–9 (Eng. Abstr.) (Ger)

[Operative technic on the hip: osteosynthesis or prosthesis] Schauwecker F, et al. **Chirurg** 1985 Jan;56(1):1–8 (Ger)

[Choice of implant material in fractures of the proximal femur] Regazzoni P, et al. **Helv Chir Acta** 1985 Jan; 51(6):625–8 (Eng. Abstr.) (Ger)

[Compression effect of the dynamic hip screw. Experimental study on cadaveric bone] Hertz H, et al. **Unfallchirurg** 1985 Aug;88(8):377–80 (Eng. Abstr.) (Ger)

[The value of the Duopleet prosthesis for the treatment of femur neck fractures] Müller HW, et al. **Unfallchirurgie** 1985 Jun;11(3):136–40 (Eng. Abstr.) (Ger)

[Femoral neck fractures in childhood] Pistor G, et al. **Unfallchirurgie** 1984 Dec;10(6):293–302 (Eng. Abstr.) (Ger)

[Treatment of medial femoral neck fractures with the femur head prosthesis] Benedetto KP, et al. **Unfallheilkunde** 1984 Aug;87(8):326–30 (Eng. Abstr.) (Ger)

[Vario-head endoprostheses in femoral neck and para-femoral neck fractures] Niebuhr H, et al. **Unfallheilkunde** 1984 Aug;87(8):331–7 (Eng. Abstr.) (Ger)

[Causes and frequency of aseptic femur head necrosis following medial femoral neck fractures] Scharf W, et al. **Unfallheilkunde** 1984 Aug;87(8):338–43 (Eng. Abstr.) (Ger)

[Femur shaft fractures in artificial hip joint replacement] Mayer G, et al. **Zentralbl Chir** 1985;110(12):739–48 (Eng. Abstr.) (Ger)

[Incidence of intercurrent complications and their prognostic value in elderly patients with femoral fractures near the hip] Kopp P. **ZFA** 1984 Nov–Dec;39(6):337–45 (Eng. Abstr.) (Ger)

[Pin-plate screw fixation in subcapital fractures of the femur] Waisman M, et al. **Harefuah** 1985 Feb 1;108(3):134–7 (Eng. Abstr.) (Heb)

[Femoral neck fractures in younger adults (between ages 20–50)] Manninger J, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1984; 27(4):241–9 (Eng. Abstr.) (Hun)

[Decreasing the incidence of collapse of the necrosed femur head by emergency osteosynthesis in femoral neck fractures] Manninger J, et al. **Orv Hetil** 1985 Jun 30; 126(26):1577–80 (Eng. Abstr.) (Hun)

[Triple screwing in sub-capitated fractures of the neck of the femur (our experience)] Caserta S, et al. **Chir Ital** 1984 Jun;36(3):445–9 (Eng. Abstr.) (Ita)

[Ender nailing. Controlled sliding of the nails (a note on the operative technic)] Federzoni F. **Chir Organi Mov** 1984; 69(4):367–71 (Eng. Abstr.) (Ita)

[Osteosynthesis of fractures of the femur neck] Fioretta G, et al. **Chir Organi Mov** 1982–83;68(4–6):497–507 (Eng. Abstr.) (Ita)

[Femoral neck fractures in the elderly. A comparison of 3 therapeutic methods] Svenningsen S, et al. **Tidsskr Nor Laegeforen** 1985 Mar 10;105(7):492–5 (Eng. Abstr.) (Nor)

[Osteosynthesis of the femoral neck with variable geometry] Firică A, et al. **Rev Chir [Chir]** 1984 May–Jun;33(3):209–16 (Eng. Abstr.) (Rum)

[A method of inserting a guide pin using a special device in osteosynthesis of fragments of the femur neck] Dudko GE. **Ortop Travmatol Protez** 1985 May;(5):51–2 (Rus)

[Current views on hip endoprosthesis and prospects for the development of mobilizing operations on the hip joint] Korzh AA, et al. **Ortop Travmatol Protez** 1985 Feb;(2):1–5 (Eng. Abstr.) (Rus)

[Treatment of medial femoral neck fractures] Popov PV. **Ortop Travmatol Protez** 1985 Feb;(2):48 (Rus)

[Guide for inserting bone transplants] Skliarenko ET, et al. **Ortop Travmatol Protez** 1984 Sep;(9):54 (Rus)

[Unilateral fractures of the femoral neck and diaphysis] Jovanović Z, et al. **Vojnosanit Pregl** 1984 Nov–Dec; 41(6):464–6 (Ser)

[Possibilities of surgical treatment of pathologic fractures of the femoral neck] Posinković B, et al. **Vojnosanit Pregl** 1985 Mar–Apr;42(2):106–10 (Eng. Abstr.) (Ser)

[Angulation osteotomy as an alternative in the treatment of non-union of the femoral neck] Lindsjö U, et al. **Lakartidningen** 1984 Nov 28;81(48):4504–6 (Eng. Abstr.) (Swe)

THERAPY

Hospital stay for fractured neck of femur [letter] Boyce WJ, et al. **Lancet** 1984 Nov 24;2(8413):1214

Analysing stages of care in hospital stay for fractured neck of femur. Robbins JA, et al. **Lancet** 1984 Nov 3; 2(8410):1028–9

[Conservative versus surgical therapy of abduction fractures of the femur neck. Results of a clinical follow-up] Jeanneret B, et al. **Unfallchirurg** 1985 Jun;88(6):270–3 (Eng. Abstr.) (Ger)

[Fractures of the femur neck in children. Study of 27 cases] Valdiserri L, et al. **Chir Organi Mov** 1984;69(2):143–52 (Eng. Abstr.) (Ita)

VETERINARY

[Proximal femoral fractures in cats and dogs] Matis U, et al. **Tierarztl Prax** 1985;Suppl 1:159–78 (Eng. Abstr.) (Ger)

FEMORAL NEOPLASMS

Late metastases from osteogenic sarcoma. A case report. Pho RW, et al. **J Bone Joint Surg [Am]** 1985 Jan;67(1):147–50

ANALYSIS

[Mineral and trace element determination in human osteosarcoma. Case report] Milachowski KA, et al. **Z Orthop** 1984 Nov–Dec;122(6):848–50 (Eng. Abstr.) (Ger)

COMPLICATIONS

Squamous cell carcinoma in chronic osteomyelitis. Report of a case and review of the literature. Sankaran-Kutty M, et al. **Clin Orthop** 1985 Sep;(198):264–7

Femoral fracture due to osteosarcoma masquerading as internal derangement of the knee. Smith SM, et al. **Nebr Med J** 1984 Sep;69(9):304–6

[Simultaneous incidence of fibrous dysplasia and ganglion of the region of the knee] Vajda A, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985; 28(2):147–50 (Eng. Abstr.) (Hun)

[Usefulness of the Ender method in the treatment of femoral fractures with neoplastic changes] Betta E, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(4):331–4 (Eng. Abstr.) (Pol)

DIAGNOSIS

Osteoid osteoma of the proximal femur: new techniques in diagnosis and treatment. Kumar SJ, et al. **J Pediatr Orthop** 1984 Nov;4(6):669–72

[Osteoid osteoma: diagnostic errors] Pellacci F. **Chir Organi Mov** 1984;69(1):75–7 (Eng. Abstr.) (Ita)

[A case of spurious aneurysm of the femoral artery] Tigani D, et al. **Chir Organi Mov** 1984;69(4):397–9 (Eng. Abstr.) (Ita)

ETIOLOGY

Malignant fibrous histiocytoma at site of metal implant. Lee YS, et al. **Cancer** 1984 Nov 15;54(10):2286–9

Osteosarcoma in association with total hip replacement. Penman HG, et al. **J Bone Joint Surg [Br]** 1984 Nov; 66(5):632–4

PATHOLOGY

Bursa formation in secondary chondrosarcoma with intrabursal chondrosarcomatosis. Josefczyk MA, et al.

Am J Surg Pathol 1985 Apr;9(4):309–14

Periosteal osteosarcoma. Hall RB, et al. **Cancer** 1985 Jan 1; 55(1):165–71

An unusual presentation of osteoid osteoma. Sharma RK. **J Indian Med Assoc** 1984 Aug;82(8):284–7

Ewing's sarcoma presenting as monoarthritis. McGirr EE, et al. **J Rheumatol** 1984 Aug;11(4):534–6

[An unusual case of clear-cell chondrosarcoma with intrasynovial tumoral localization] Duparc J, et al. **Rev Chir Orthop** 1985;71(2):127–31 (Eng. Abstr.) (Fre)

[Consideration on a case of benign chondroid neoplasia of bone] Bacchini B. **Chir Organi Mov** 1984;69(4):403–6 (Eng. Abstr.) (Ita)

[Ultrastructural and pathological studies of chondromyxoid fibroma of bone] Morimoto K, et al. **Nippon Seikeigeka Gakkai Zasshi** 1984 Sep;58(9):887–94 (Eng. Abstr.) (Jpn)

PHYSIOPATHOLOGY

Prediction of muscle and joint loads after segmental femur replacement for osteosarcoma. van Krieken FM, et al. **Clin Orthop** 1985 Sep;(198):273–83

Spontaneous regression of osteochondromas. Two case reports. Copeland RL, et al. **J Bone Joint Surg [Am]** 1985 Jul;67(6):971–3

RADIOGRAPHY

Osteolytic lesion in chronic myelogenous leukaemia. Frydecka I, et al. **Folia Haematol (Leipz)** 1984;111(5):610–3

The meaning of radiolucencies in parosteal osteosarcoma. Bertoni F, et al. **J Bone Joint Surg [Am]** 1985 Jul; 67(6):901–10

Tumorous osteomyelitis. Report of two cases. Kozlowski K, et al. **Pediatr Radiol** 1984;14(6):404–6

Fibrocartilaginous dysplasia of bone. Drolshagen LF, et al. **Radiology** 1985 Jul;156(1):32

Tumour-like lesions in the femur with cementum-like material. Does a 'cementoma' of long bone exist? Adler CP. **Skeletal Radiol** 1985;14(1):26–37

Case report 315. Diagnosis: parosteal (periosteal, juxtacortical) chondromyxoid fibroma of the upper end of the femur. Bialik V, et al. **Skeletal Radiol** 1985;13(4):323–6

Case report 289: 'cystic' parosteal osteosarcoma. Kricun ME, et al. **Skeletal Radiol** 1984;12(3):227–31

Juxtacortical osteosarcoma: a radiologic and histologic spectrum. Levine E, et al. **Skeletal Radiol** 1985;14(1):38–46

Case report 302. Desmoplastic fibroma of the proximal end of the left femur. Lichtman EA, et al. **Skeletal Radiol** 1985; 13(2):160–3

Case report 281. Low-grade cartilaginous tumor with 'skip lesion'. Pope TL Jr, et al. **Skeletal Radiol** 1984;12(2):134–8

Case report 283. Hemangioendothelioma (malignant) of femur. Schoepf R, et al. **Skeletal Radiol** 1984;12(2):142–5

[X-ray computed tomography of pulmonary metastases of an osteogenic sarcoma] Spiegl G, et al. **J Belge Radiol** 1984; 67(6):405–7 (Eng. Abstr.) (Fre)

[Variability of the radiologic characteristics of osteoid osteoma] Priolo F, et al. **Radiol Med (Torino)** 1984 May; 70(5):262–7 (Eng. Abstr.) (Ita)

RADIONUCLIDE IMAGING

Intraoperative scintigraphic localization of the nidus of osteoid osteoma. Ellison MJ, et al. **Clin Nucl Med** 1984 Nov;9(11):640–2

Perivascular soft tissue spread of osteosarcoma. Hudson TM. **Clin Nucl Med** 1984 Sep;9(9):531–2

Pleural metastasis with osteosarcoma. Dramatic presentation on skeletal scintigraphy. Shore RM, et al. **Clin Nucl Med** 1984 Nov;9(11):622–4

Synthesis and purification of sodium [11C]benzoate for physiological and metabolic studies: evaluation in a tumor-bearing dog. Conti PS, et al. **Int J Nucl Med Biol** 1984;11(2):179–83

Osteoid osteoma of the femoral head. Dunlap H, et al. **Pediatr Radiol** 1985;15(4):262–3

Osteoid osteoma: operative confirmation of complete removal by bone scintigraphy. Papanicolaou N. **Radiology** 1985 Mar;154(3):821–2

[Peroperative isotope labeling in surgery for osteoid osteoma. Apropos of 2 case reports] Gille P, et al. **Rev Chir Orthop** 1985;71(2):123–6 (Eng. Abstr.) (Fre)

SECONDARY

Magnetic resonance imaging and tissue characterization of a renal cell carcinoma and its osseous metastasis. Report of a case. Pettersson H, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Mar–Apr;26(2):193–5

A case of spontaneous regression of hepatocellular carcinoma with bone metastasis. Sato Y, et al. **Cancer** 1985 Aug 1; 56(3):667–71

Case report 284. Osteolytic cortical metastasis in the femur from bronchogenic carcinoma. Greenspan A, et al. **Skeletal Radiol** 1984;12(2):146–50

Case report 297. Loosening of a total hip replacement caused by metastatic carcinoma (primary in the lung). Kernohan J, et al. **Skeletal Radiol** 1985;13(1):77–9

Case report 292. Diagnosis: alveolar rhabdomyosarcoma, metastatic to the right femur, primary site undetermined. McLean RG, et al. **Skeletal Radiol** 1984;12(4):288–93

[Unusual course of osseous metastasis of hypernephroid carcinoma] Lange H, et al. **Zentralbl Chir** 1985; 110(10):628–30 (Ger)

[Osteosynthesis of fractures caused by metastases] Kovalkovits I, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1984; 27(4):262–7 (Eng. Abstr.) (Hun)

SURGERY

En block surgery for osteogenic sarcoma: analysis and review of ninety operative cases. Marcove RC, et al. **Bull NY Acad Med** 1984 Sep;60(7):748–58

Perioperative management of a patient with a malignant pheochromocytoma. Miller D, et al. **Can Anaesth Soc J** 1985 May;32(3 Pt 1):278–82

Benign epiphyseal chondroblastoma adjacent to the femoral intercondylar fossa. Zucchi V, et al. **Ital J Orthop Traumatol** 1984 Sep;10(3):369–75

Functional performance after tibial rotationplasty. Murray MP, et al. **J Bone Joint Surg [Am]** 1985 Mar;67(3):392–9

Autogenous patella as replacement for a resected femoral or tibial condyle. A report on 19 cases. Campanacci M, et al. **J Bone Joint Surg [Br]** 1985 Aug;67(4):557–63

Minneapolis hip prosthesis in severe destructive lesions of the femur. Kumar JM, et al. **J R Soc Med** 1985 Mar; 78(3):224–9

[Resection of tumors of the proximal segment of the femur with preservation of the femur head by alloplasty] Imamaliev AS, et al. **Ortop Travmatol Protez** 1985 Feb; (2):51–2 (Rus)

[Method of treating benign tumors of the long tubular bones] Li AD, et al. **Sov Med** 1984;(12):113–4 (Rus)

THERAPY

A pertrochanteric fracture in an adolescent treated for an osteogenic sarcoma of the shaft of the femur with chemotherapy, tumour resection and endoprosthesis. Hoekstra HJ, et al. **Arch Orthop Trauma Surg** 1984; 103(3):224–6

[Treatment of osteogenic sarcoma in childhood] Horský I, et al. **Acta Chir Orthop Traumatol Cech** 1984 Oct; 51(5):388–91 (Eng. Abstr.) (Slo)

ULTRASTRUCTURE

Chondromyxoid fibroma of the mandible. Ultrastructural comparison with a typical chondromyxoid fibroma of the femur. Happonen RP, et al. **Proc Finn Dent Soc** 1984; 80(5–6):230–7

FEMORAL NERVE

Femoral nerve block in knee joint surgery. Ringrose NH, et al. **Am J Sports Med** 1984 Sep–Oct;12(5):398–402

Femoral block with mepivacaine for muscle biopsy in malignant hyperthermia patients. Berkowitz A, et al. **Anesthesiology** 1985 May;62(5):651–2

Warfarin-induced iliopsoas hemorrhage with subsequent femoral nerve palsy. King RB, et al. **Ann Emerg Med** 1985 Apr;14(4):362–4

Femoral nerve neuropraxia secondary to repetitive trauma in a patient with juvenile lumbar osteochondrosis: differential diagnosis of an osteolytic lesion with a neurologic deficit. Report of a case. Milgrom C, et al. **Clin Orthop** 1984 Nov;(190):135–7

Iliacus hematoma and subsequent femoral nerve palsy after penetration of the medical acetabular wall during total hip arthroplasty. Report of a case. Wooten SL, et al. **Clin Orthop** 1984 Dec;(191):221–3

Bilateral postpartum femoral neuropathy. Donaldson JO, et al. **Conn Med** 1985 Aug;49(8):496–8

Problems of etiology in femoral neuropathies. Compagnoni L, et al. **Ital J Neurol Sci** 1985 Mar;6(1):37–41

Alopecia in meralgia paresthetica. Aranoff SM, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):176–8

Femoral neuropathy after renal transplantation. Yazbeck S, et al. **J Urol** 1985 Oct;134(4):720–1

Diagnosis of meralgia paresthetica [letter] Ecker AD. **JAMA** 1985 Feb 15;253(7):976

Neuropathy caused by silver absorption from arthroplasty cement [letter] Vik H, et al. **Lancet** 1985 Apr 13;1(8433):872

[Femoral nerve damage as a complication of anticoagulant therapy] Alberty-Ryöppy A, et al. **Duodecim** 1984; 100(20):1324–8 (Fin)

[Are idiopathic leg pains due to a hernia of the lumbar intervertebral foramen canal (letter)?] Recoules-Arche D. **Presse Med** 1985 Jan 26;14(3):161 (Fre)

[Fasting and postprandial blood glucose in subjects with crural pain and sciatica] Daragon A, et al. **Rev Rhum Mal Osteoartic** 1985 Jan;52(1):7–11 (Eng. Abstr.) (Fre)

[Partial paralysis of the right lumbar plexus caused by a traumatic hematoma of the ileo-psoas muscle] Ginanneschi U, et al. **Chir Ital** 1985 Apr;37(2):165–73 (Eng. Abstr.) (Ita)

[Femoral nerve paralysis after traumatic iliacus muscle rupture] Cedell CA, et al. **Lakartidningen** 1985 May 1; 82(18):1692 (Swe)

DRUG EFFECTS

Oral anticoagulant-induced femoral nerve entrapment. Wood CL, et al. **J Okla State Med Assoc** 1985 May;78(5):135–8

INJURIES

Stretch of the femoral nerve in a dancer. A case report. Miller EH, et al. **J Bone Joint Surg [Am]** 1985 Feb;67(2):315–7

[Femoral nerve paralysis after vaginal hysterectomy. Its causes and forensic significance] Jürgens R, et al. **Dtsch Med Wochenschr** 1984 Nov 30;109(48):1848–50 (Eng. Abstr.) (Ger)

[Sensation disorders of the lateral cutaneous femoral neck following ilial chip removal] Kestel M, et al. **Fortschr Kiefer Gesichtschir** 1985;30:69–70 (Ger)

[Laparoscopic uterine suspension. A case of injury to the femoral nerve] Flateland I. **Tidsskr Nor Laegeforen** 1985 May 10;105(13):879 (Eng. Abstr.) (Nor)

['High' femoral nerve injury] Haftek J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(2):125–9 (Eng. Abstr.) (Pol)

PHYSIOLOGY

[Motor conduction in the femoral nerve in healthy subjects] Kruger M, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Nov; 14(2):165–8 (Eng. Abstr.) (Fre)

TRANSPLANTATION

Sensitive fasciocutaneous flap with nervus cutaneous femoris lateralis. Preliminary report. Riebelová V, et al. **Acta Chir Plast** 1985;27(2):121–6

Histological studies of vascularised nerve graft and conventional nerve graft. Pho RW, et al. **J Hand Surg [Br]** 1985 Feb;10(1):45–8

FEMORAL VEIN

Infusion of blood from pericardial sac into femoral vein: a technique for survival until operative closure of a cardiac perforation during balloon septostomy. Moore JW, et al. **Am J Cardiol** 1985 Sep 1;56(7):494–5

Femoral artery flow in deep vein thrombosis: hemodynamics of slow versus acute femoral vein occlusion. Shifrin EG. **Angiology** 1985 Mar;36(3):154–9

Free-floating iliofemoral thrombus. A risk of pulmonary embolism. Norris CS, et al. **Arch Surg** 1985 Jul;120(7):806–8

Management of a widowmaker. Peyton JW, et al. **Ir J Med Sci** 1984 May;153(5):181–3

Heparin-associated thrombocytopenia with venous thrombosis. A case report. Mandt PR, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1123–4

Thrombectomy with temporary arteriovenous fistula: the treatment of choice in acute iliofemoral venous thrombosis. Plate G, et al. **J Vasc Surg** 1984 Nov;1(6):867–76

Different resorption rates of bioprostheses in canine femoral vein and artery. Moczar M, et al. **Life Support Syst** 1984 Apr–Jun;2(2):127–30

The femoral triangle. A potential death trap for the drug abuser. Pace BW, et al. **NY State J Med** 1984 Dec; 84(12):596–8

[Postcatheterization thrombosis of the femoro-iliac veins in children] Tuma S, et al. **Rozhl Chir** 1985 May;64(5):378–82 (Eng. Abstr.) (Cze)

[Leiomyosarcoma of the femoral vein. Apropos of a case] Joyeux A, et al. **J Mal Vasc** 1984;9(3):221–4 (Eng. Abstr.) (Fre)

[CT findings in fresh pelvic vein thrombosis] Kniffert T, et al. **ROFO** 1985 Mar;142(3):342–3 (Ger)

[Experimental and clinical studies on left ilio-femoral thrombosis, with reference to the significance of impaired venous return] Matsumoto K. **Nippon Geka Gakkai Zasshi** 1985 Jan;86(1):98–110 (Eng. Abstr.) (Jpn)

[Acquired disorders of venous circulation in the pelvis and lower limbs in children] Marciński A, et al. **Pol Przegl Radiol (Warszawa)** 1984 Jan–Feb;48(1):13–8 (Eng. Abstr.) (Pol)

[Traumatic arteriovenous fistula with false aneurysm] Lewandowski A, et al. **Wiad Lek** 1984 May 15;37(10):806–8 (Eng. Abstr.) (Pol)

[Blue phlebitis] Zhenetl' ZD, et al. **Sov Med** 1984;(8):116–7 (Rus)

[Insertion of 2 catheters by the femoral vein route through a single puncture] Pella J, et al. **Cas Lek Cesk** 1985 Mar 29;124(13):411–2 (Eng. Abstr.) (Slo)

ABNORMALITIES

[Aplasia of the iliac vein. Presentation of a case] Alcocer Andalón A, et al. **Angiologia** 1985 Jan–Feb;37(1):21–4 (Eng. Abstr.) (Spa)

ANATOMY & HISTOLOGY

Functional anatomy of the perivascular tissue in the adductor canal. de Souza RR, et al. **Gegenbaurs Morphol Jahrb** 1984; 130(5):733–8

[Structural and histochemical characteristics of different variants of the perimuscularization of the femoral vein in an experiment] Zuev NS, et al. **Biull Eksp Biol Med** 1985 May;99(5):622–4 (Eng. Abstr.) (Rus)

[Morphofunctional characteristics of the walls of the major veins in intensified muscle activity] Tal'ko VI. **Vrach Delo** 1984 Aug;(8):38–41 (Eng. Abstr.) (Rus)

DRUG EFFECTS

Endothelium-dependent contractions to arachidonic acid are mediated by products of cyclooxygenase. Miller VM, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):H432-7

INJURIES

Arteriovenous fistula: a rare complication of arterial puncture for cardiac catheterization. Kron J, et al. **Am J Cardiol** 1985 May 1;55(11):1445-6

A study of the extent and pathology of experimental avulsion injury in rabbit arteries and veins. Mitchell GM, et al. **Br J Plast Surg** 1985 Apr;38(2):278-87

[Treatment of superficial femoral vein injuries] Zhang BG, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Mar;23(3):141-2, 189 (Eng. Abstr.) (Chi)

[Iatrogenic femoral arteriovenous fistulas (letter)] Lacombe M. **Presse Med** 1984 Dec 22;13(46):2813-4 (Fre)

[Secondary aneurysm of the iliac vein as a complication of traumatic arteriovenous fistulae of the lower extremity] Mansfeld L, et al. **ROFO** 1985 Feb;142(2):222-4 (Ger)

[Injuries of femoral vessels during Toianov-Trendelenburg procedures] Konstantinova GD. **Khirurgiia (Mosk)** 1985 Mar;(3):99-102 (Rus)

[Death from a puncture wound of the femoral vein from the end of a slab during a fall] Okhvat IuM, et al. **Sud Med Ekspert** 1985 Apr-Jun;28(2):60-1 (Rus)

INNERVATION

Dopamine preferentially stimulates postsynaptic alpha 2-adrenoceptors in the femoral vascular bed, but alpha 1-adrenoceptors in the renal vascular bed of the anaesthetised dog. Duval N, et al. **Eur J Pharmacol** 1985 Feb 5;108(3):265-72

METABOLISM

[3H]dihydroergocryptine binding to alpha-adrenoceptors in human femoral veins and arteries. Kaiser B, et al. **Biomed Biochim Acta** 1984;43(4):439-46

PHYSIOLOGY

A study of the mechanical properties of fresh and preserved human femoral vein wall and valve cusps. Ackroyd JS, et al. **Br J Surg** 1985 Feb;72(2):117-9

Muscle and femoral vein temperatures during short-term maximal exercise in heart failure. Shellock FG, et al. **J Appl Physiol** 1985 Feb;58(2):400-8

PHYSIOPATHOLOGY

[Pathogenesis and surgical tactics in varicose ulcers of the lower limbs] Gostishchev VK, et al. **Vestn Khir** 1984 Aug;133(8):59-63 (Eng. Abstr.) (Rus)

RADIOGRAPHY

Acquired deep venous thrombosis in children. Marcinski A, et al. **Pediatr Radiol** 1985;15(5):300-6

[Evaluation of deep venous thrombosis of the legs: clinical observations on the relation to manifestations] Zhang BG, et al. **Chung Hua Wai Ko Tsa Chih** 1985 May;23(5):257-60, 317 (Eng. Abstr.) (Chi)

[Vascular diagnosis of the extremities. Conventional angiography— digital substraction angiography] Lackner K, et al. **Dtsch Med Wochenschr** 1985 Jul 12;110(28-29):1130-1 (Ger)

RADIONUCLIDE IMAGING

Heterotopic bone formation (myositis ossificans) and lower-extremity swelling mimicking deep-venous disease. Orzel JA, et al. **J Nucl Med** 1984 Oct;25(10):1105-7

Scintigraphic appearance of axillofemoral and femorofemoral bypass grafts. Shapiro HR, et al. **J Nucl Med** 1984 Oct;25(10):1101-2

SURGERY

Implantation of a strip of fascia in the venous wall. Jacobs JW, et al. **Acta Morphol Neerl Scand** 1984 Jul;22(2):115-22

Percutaneous Kimray-Greenfield filter placement by femoral vein puncture. Denny DF, et al. **AJR** 1985 Oct;145(4):827-9

Fate of claudicants after femoropopliteal vein bypass: prospective, long-term follow-up of 100 patients. Sladen JG, et al. **Can J Surg** 1985 Sep;28(5):401-4

Venous grafting in femoropopliteal obstructions: a 16-year experience. Settembrini P, et al. **Int Surg** 1984 Jul-Sep;69(3):271-5

Temporary arteriovenous fistula for venous reconstruction using synthetic graft: a clinical and experimental investigation. Ijima H, et al. **J Cardiovasc Surg (Torino)** 1985 Mar-Apr;26(2):131-6

The effect of redundancy and tension on microvascular vein grafts. Wilber RG, et al. **J Hand Surg [Am]** 1984 Sep;9(5):649-52

Elective femoro-femoral bypass for operations on the heart and great vessels. Pillai R, et al. **J Thorac Cardiovasc Surg** 1984 Oct;88(4):635-7

Long-term patency of venous repairs demonstrated by venography. Phifer TJ, et al. **J Trauma** 1985 Apr;25(4):342-6

Sequential changes in coagulation and platelet function following femorotibial bypass. McDaniel MD, et al. **J Vasc Surg** 1984 Mar;1(2):261-8

Femorotibial vein bypass in a child. Pinkerton JA Jr, et al. **J Vasc Surg** 1985 Sep;2(5):735-8

Early phlebographic results after iliofemoral venous thrombectomy. Stirnemann P, et al. **Thorac Cardiovasc Surg** 1984 Oct;32(5):299-303

[Treatment of primary valvular incompetence of the deep veins of the leg with repair of femoral vein valves] Zhang PH, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Mar;23(3):134-7, 189 (Eng. Abstr.) (Chi)

[Role of surgery in the preventive treatment of pulmonary embolism] Sala A, et al. **Minerva Med** 1985 Mar 17;76(11):521-2 (Ita)

[Treatment of recurrent varicose veins of the lower limbs] Vilianskii MP, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):118-22 (Rus)

TRANSPLANTATION

A comparison of methods of valve destruction with respect to acute thrombogenicity and flow rate of in situ femoral artery vein bypass grafts. Giangola G, et al. **Curr Surg** 1985 Jan-Feb;42(1):13-7

Relief of superior vena caval syndrome with autologous femoral vein used as a bypass graft. Gladstone DJ, et al. **J Thorac Cardiovasc Surg** 1985 May;89(5):750-2

Effect of wall shear stress on intimal thickening of arterially transplanted autogenous veins in dogs. Morinaga K, et al. **J Vasc Surg** 1985 May;2(3):430-3

The use of autogenous vein for nerve grafting. Rice DH, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):410-2

Intraluminal thrombus and neointimal hyperplasia after microvascular surgery. Gutierrez-Diaz JA, et al. **Surg Neurol** 1985 Aug;24(2):153-9

FEMUR

intra-articular pressures and intraosseous pressure in the human knee and its implication for patello-femoral pain syndromes. An experimental study using simulated joint effusion. Hejgaard N. **Acta Orthop Belg** 1984;50(6):791-801

Use of femur length in estimation of fetal weight. Hill LM, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):847-52

Slipped distal femoral epiphyseal plate following closed manipulation of the knee. A case report. Friedman MJ, et al. **Am J Sports Med** 1985 May-Jun;13(3):201-3

Dedifferentiated chondrosarcoma with a rhabdomyosarcomatous component. Astorino RN, et al. **Hum Pathol** 1985 Mar;16(3):318-20

Osteotomy of the patella in the patellofemoral pain syndrome. The significance of increased intraosseous pressure during sustained knee flexion. Hejgaard N, et al. **Int Orthop** 1984;8(3):189-94

Slipped upper femoral epiphysis and primary juvenile hypothyroidism. Puri R, et al. **J Bone Joint Surg [Br]** 1985 Jan;67(1):14-20

Persistent congenital isolation of the suprapatellar pouch mimicking patellofemoral disease. Elmer RM. **J Pediatr Orthop** 1984 Sep;4(5):623-4

Excessive lateral pressure as a cause of patello-femoral pain syndrome. Osborne AH, et al. **J R Nav Med Serv** 1985 Summer;71(2):81-5

Nuclear polymorphism in osteosarcomas as a prognostic factor for the effect of chemotherapy. A quantitative study. Apel R, et al. **Virchows Arch [A]** 1985;405(2):215-23

[Proliferative capacity of chondrocytes in chondral and subchondral articular cartilage lesions] Herrling K, et al. **Beitr Orthop Traumatol** 1984 Aug;31(8):381-90 (Eng. Abstr.) (Ger)

[Luxation of the patella and femoro-patellar dysplasia—causality in statutory accident insurance (letter)] Rütt A. **Unfallchirurg** 1985 Mar;88(3):149-50 (Ger)

[Surgical treatment of focal lesions of the neck, lesser trochanter and Adam's arch of the femur] Kulish NI, et al. **Ortop Travmatol Protez** 1984 Oct;(10):23-6 (Eng. Abstr.) (Rus)

[Atypical course of hematogenic osteomyelitis of the femur] Tallashev MM, et al. **Vestn Khir** 1984 Oct;133(10):81-2 (Rus)

[Surgical treatment of bedsores, trophic ulcers and osteomyelitis in patients with injuries of the spine and spinal cord] Virozub ID, et al. **Zh Vopr Neirokhir** 1984 Jul-Aug;(4):28-32 (Eng. Abstr.) (Rus)

ABNORMALITIES

Caudal dysplasia and femoral hypoplasia-unusual facies syndrome: different manifestations of the same disorder? Riedel F, et al. **Eur J Pediatr** 1985 May;144(1):80-2

Femoral lateral epiphyseal hypoplasia as a cause of unilateral genu valgum. Gopal G. **Indian J Pediatr** 1984 Mar-Apr;51(409):241-2

Familial bilateral proximal femoral focal deficiency. Report of a kindred. Sen Gupta DK, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1470-2

Avulsion of muscles from the femoral trochanter in the fowl. Duff SR. **J Comp Pathol** 1985 Jul;95(3):383-92

The femoral hypoplasia-unusual facies syndrome. Burn J, et al. **J Med Genet** 1984 Oct;21(5):331-40

Congenital deficiency of the femur. Kalamchi A, et al. **J Pediatr Orthop** 1985 Mar-Apr;5(2):129-34

Congenital short femur: prenatal sonographic diagnosis. Graham M. **J Ultrasound Med** 1985 Jul;4(7):361-3

[Duplication of the femur, imperforate anus and polydactyly in a stillborn infant] Pesenti P, et al. **Pediatr Med Chir** 1984 Jan-Feb;6(1):147-50 (Eng. Abstr.) (Ita)

[Correction of a deformity of the femur using Ilizarov's apparatus in a 3-year-old child with chronic osteomyelitis] Saenko OL. **Vestn Khir** 1984 Nov;133(11):106-7 (Rus)

[Femoral hypoplasia-unusual facies syndrome] Aledo AG, et al. **An Esp Pediatr** 1984 Dec;21(9):861-3 (Spa)

ANALYSIS

[An assessment of the mineral content in the femur of patients with chronic renal failure by computed tomography] Sakurai K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Sep 25;44(9):1141-50 (Eng. Abstr.) (Jpn)

ANATOMY & HISTOLOGY

Femoral anteversion measured by the Dunlap/Rippstein and Norman methods. Reikerås O, et al. **Acta Radiol [Diagn] (Stockh)** 1985 May-Jun;26(3):303-5

The mathematical versus anatomical methods of stature estimate from long bones. Lundy JK. **Am J Forensic Med Pathol** 1985 Mar;6(1):73-6

Allometry between length and cross-sectional dimensions of the femur and tibia in Homo sapiens sapiens. Ruff CB. **Am J Phys Anthropol** 1984 Dec;65(4):347-58

Primate cortical bone microstructure: relationship to locomotion. Schaffler MB, et al. **Am J Phys Anthropol** 1984 Oct;65(2):191-7

Age changes in geometry and mineral content of the lower limb bones. Ruff CB, et al. **Ann Biomed Eng** 1984;12(6):573-84

The femur length/head circumference relation in obstetric sonography. Hadlock FP, et al. **J Ultrasound Med** 1984 Oct;3(10):439-42

Computer-assisted evaluation of ultrasonic fetal weight prediction using multiple regression equations with and without the fetal femur length. Woo JS, et al. **J Ultrasound Med** 1985 Feb;4(2):65-7

Collagen orientation in compact bone: I. A new method for the determination of the proportion of collagen parallel to the plane of compact bone sections. Boyde A, et al. **Metab Bone Dis Relat Res** 1984;5(6):299-307

Collagen orientation in compact bone: II. Distribution of lamellae in the whole of the human femoral shaft with reference to its mechanical properties. Portigliatti Barbos M, et al. **Metab Bone Dis Relat Res** 1984;5(6):309-15

Curvature of the fetal femur: a normal sonographic finding. Abrams SL, et al. **Radiology** 1985 Aug;156(2):490

[Body height determination of male individuals using femoral, tibial and humeral fragments] Sonder E, et al. **Z Morphol Anthropol** 1985;75(2):131-53 (Eng. Abstr.) (Ger)

BLOOD SUPPLY

Effect of fixation devices on radiostrontium clearance in the intact canine femur. Daum WJ, et al. **Clin Orthop** 1985 Apr;(194):306-12

Intramedullary nailing and diaphyseal blood supply. Sigmond ER, et al. **Minn Med** 1985 May;68(5):363-7

[Regional blood flow in fractures of femoral diaphysis in children] Timoshchenko OA, et al. **Klin Khir** 1985;(6):34-6 (Eng. Abstr.) (Rus)

DRUG EFFECTS

Response of the rabbit metaphysis to implants of bovine bone morphogenetic protein (bBMP). Nilsson O, et al. **Clin Orthop** 1985 May;(195):275-81

[Microradiographic studies with the TUR mammographic attachment after endosseous implantation of sintered bioglass ceramic] Schubert R, et al. **Zahn Mund Kieferheilkd** 1984;72(6):541-8 (Eng. Abstr.) (Ger)

EMBRYOLOGY

Assessment of gestational age by ultrasonic measurement of the femur length. Shalev E, et al. **Acta Obstet Gynecol Scand** 1985;64(1):71-4

Fetal femur length and its relationship to birth weight [letter] Weiner CP. **Am J Obstet Gynecol** 1984 Nov 15;150(6):794

A comparison of the fetal femur length and biparietal diameter in predicting gestational age in the third trimester. Tse CH, et al. **Aust NZ J Obstet Gynaecol** 1984 Aug;24(3):186-8

Formation of the femoropatellar part of the human knee joint. Doskočil M. **Folia Morphol (Praha)** 1985;33(1):38-47

Accuracy of ultrasound in fetal femur length determination. Ultrasound phantom study. Gamba JL, et al. **Invest Radiol** 1985 May-Jun;20(3):316-23

Is fetal femur length a better indicator of gestational age in the growth-retarded fetus as compared with biparietal diameter? Woo JS, et al. **J Ultrasound Med** 1985 Mar;4(3):139-42

The ultrasound femur length as a predictor of fetal length. Vintzileos AM, et al. **Obstet Gynecol** 1984 Dec;64(6):779-82

Ultrasonic fetal weight prediction: role of head circumference and femur length. Weiner CP, et al. **Obstet Gynecol** 1985 Jun;65(6):812-7

Use of femur length/abdominal circumference ratio in detecting the macrosomic fetus. Hadlock FP, et al. **Radiology** 1985 Feb;154(2):503–5

Caveats in the sonographic determination of fetal femur length for estimation of gestational age. Krook PM, et al. **Radiology** 1985 Mar;154(3):823–4

The distal femoral epiphyseal ossification center in the assessment of third-trimester menstrual age: sonographic identification and measurement. Mahony BS, et al. **Radiology** 1985 Apr;155(1):201–4

[Ultrasonic measurement of fetal femur length in normal pregnancy] Ruseva R, et al. **Akush Ginekol (Sofiia)** 1984; 23(5):387–91 (Eng. Abstr.) (Bul)

[Stimulant effect of Epimedium in an injection form on the growth of the chick embryo femur in vitro] Gao ZF. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):172–4, 133 (Eng. Abstr.) (Chi)

GROWTH & DEVELOPMENT

Dimensions of the rabbit femur during growth. Rudicel S, et al. **Am J Vet Res** 1985 Jan;46(1):268–9

Relative growth between femur and tibia in the German cockroach, Blattella germanica. Tanaka A. **Growth** 1984 Autumn;48(3):278–96

Development of the distal femoral epiphysis: a microscopic morphological investigation of the zone of Ranvier. Burkus JK, et al. **J Pediatr Orthop** 1984 Nov;4(6):661–8

Fetal femur length: a critical reevaluation of the relationship to menstrual age. Warda AH, et al. **Obstet Gynecol** 1985 Jul;66(1):69–75

[Fetal femur length in the 2d and 3d trimester of pregnancy] Schmidt W, et al. **Geburtshilfe Frauenheilkd** 1985 Feb; 45(2):91–7 (Eng. Abstr.) (Ger)

INJURIES

Traumatic dislocation of the hip with separation of the proximal femoral epiphysis. Report of two cases and review of the literature. Barquet A, et al. **Arch Orthop Trauma Surg** 1984;103(3):219–23

Plastic bowing of the femur in a neonate. Zionts LE, et al. **J Pediatr Orthop** 1984 Nov;4(6):749–51

METABOLISM

Effect of guanethidine-induced sympathectomy on osteoblastic activity in the rat femur evaluated by 3H-proline autoradiography. Herskovits MS, et al. **Acta Anat (Basel)** 1984;120(3):151–5

Bioresorption of ceramic strontium-85-labeled calcium phosphate implants in dog femora. A pilot study to quantitate bioresorption of ceramic implants of hydroxyapatite and tricalcium orthophosphate in vivo. Renooij W, et al. **Clin Orthop** 1985 Jul–Aug;(197):272–85

PATHOLOGY

Histomorphometric changes in the trabecular structure of a selected stress region in the femur in patients with osteoarthritis and fracture of the femoral neck. Fazzalari NL, et al. **Bone** 1985;6(3):125–33

Osteolytic changes in the upper femoral shaft following porous-coated hip replacement. Brown IW, et al. **J Bone Joint Surg [Br]** 1985 Mar;67(2):218–21

Dyschondroplasia/osteochondrosis of the femoral trochanter in the fowl. Duff SR. **J Comp Pathol** 1985 Jul;95(3):363–71

PHYSIOLOGY

Anteroposterior tibiofemoral displacements during isometric extension efforts. The roles of external load and knee flexion angle. Jurist KA, et al. **Am J Sports Med** 1985 Jul–Aug;13(4):254–8

Quantitative and comparative stress analysis in human femur under two different static situations by three-dimensional photoelasticity. Bianchi R, et al. **Anat Rec** 1985 Mar; 211(3):323–8

Experimental animal investigation of bone regeneration with collagen-apatite. Katthagen BD, et al. **Arch Orthop Trauma Surg** 1984;103(5):291–302

Calcification of cartilaginous matrix in culture by constant direct-current stimulation. Noda M, et al. **Clin Orthop** 1985 Mar;(193):281–7

Biologic fixation of a modified Moore prosthesis. Part II. Evaluation of adaptive femoral bone modeling. Engh CA, et al. **Hip** 1984;:110–32

On 'Some mechanical properties of goose femoral cortical bone' [letter] Wright TM, et al. **J Biomech** 1984; 17(10):817–8

Advancement of the tibial tuberosity. A biomechanical study. Nakamura N, et al. **J Bone Joint Surg [Br]** 1985 Mar; 67(2):255–60

In vitro contact stress distribution on the femoral condyles. Brown TD, et al. **J Orthop Res** 1984;2(2):190–9

Changes in long-bone structural properties during the first 8 weeks of plate implantation. Carter DR, et al. **J Orthop Res** 1984;2(1):80–9

[Hydroxyapatite implants in the rabbit femur. Histologic and microradiographic observations] Olmi R, et al. **Chir Organi Mov** 1984;69(4):383–9 (Eng. Abstr.) (Ita)

PHYSIOPATHOLOGY

[Disorders of ossification and growth of the proximal end of the femur due to the incorrect use of abduction treatment of luxatio coxae congenita] Feltl M, et al. **Acta Chir Orthop Traumatol Cech** 1985 Jul;52(4):350–5 (Eng. Abstr.) (Cze)

RADIOGRAPHY

Comparison between radiologic lower extremity angles of femur and tibia and articular surface pressure measurements in gonarthrosis treated by high tibial osteotomy. Jokio PJ, et al. **Acta Orthop Belg** 1984;50(6):802–14

The measurement of the anteversion of the femoral component of a total prosthesis of the hip. Proubasta IR, et al. **Acta Orthop Belg** 1984;50(6):743–9

Evaluation of the Dunlap/Rippstein method for determination of femoral neck angles. Reikerås O, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Mar–Apr;26(2):177–9

Focal lytic lesions associated with femoral stem loosening in total hip prosthesis. Scott WW Jr, et al. **AJR** 1985 May; 144(5):977–82

Interobserver variability in interpreting radiographic lucencies about total hip reconstructions. Brand RA, et al. **Clin Orthop** 1985 Jan–Feb;(192):237–9

Radiological work-up of primary malignant bone tumours. Taconis WK, et al. **Diagn Imag Clin Med** 1985;54(1):28–38

Growth-disturbance lines in congenital dislocation of the hip. O'Brien T. **J Bone Joint Surg [Am]** 1985 Apr;67(4):626–32

Tibiofemoral alignment and the results of knee replacement. Tew M, et al. **J Bone Joint Surg [Br]** 1985 Aug;67(4):551–6

Slip of the capital femoral epiphysis: revival of a method of assessment. Billing L, et al. **Pediatr Radiol** 1984; 14(6):413–8

[Ossification of the distal femoral epiphysis. On the question of osteochondrosis dissecans in children] Maurer HJ, et al. **Z Orthop** 1984 Nov–Dec;122(6):803–9 (Eng. Abstr.) (Ger)

RADIONUCLIDE IMAGING

Estimation of parameters affecting the uptake of 99mTc-methylenediphosphonate in rat femur with model simulation. Hyödynmaa S, et al. **Eur J Nucl Med** 1985; 10(1–2):63–7

Does aspiration of bones and joints affect results of later bone scanning? Canale ST, et al. **J Pediatr Orthop** 1985 Jan–Feb; 5(1):23–6

SURGERY

Planning an intertrochanteric femoral osteotomy. Fidler M. **Acta Orthop Scand** 1984 Oct;55(5):501–3

Ender nailing of pertrochanteric fractures. Complications related to technical failures and bone quality. Zain Elabdien BS, et al. **Acta Orthop Scand** 1985 Apr;56(2):138–44

Feline model for the study of frozen osteoarticular hemijoint transplantation: qualitative and quantitative assessment of bone healing. Henry WB Jr, et al. **Am J Vet Res** 1985 Aug;46(8):1714–20

Simultaneous femoral and tibial lengthening for limb length discrepancies. Coleman SS. **Arch Orthop Trauma Surg** 1985; 103(6):359–66

Effects of a distal venting hole in the femur during total hip replacement. Engesaeter LB, et al. **Arch Orthop Trauma Surg** 1984;103(5):328–31

Anterior advancement of the tibial tuberosity in the treatment of the patellofemoral pain syndrome. Karlsson J, et al. **Arch Orthop Trauma Surg** 1985;103(6):392–5

Plate osteosynthesis in posttraumatic deformities of the femoral shaft. Müller KH, et al. **Arch Orthop Trauma Surg** 1984;103(5):303–19

Z-shaped osteotomy for one-stage femoral elongation. Report of 14 cases. Ning ZJ, et al. **Chin Med J [Engl]** 1985 Apr;98(4):244–9

Abductor muscle performance in total hip arthroplasty with and without trochanteric osteotomy. Radiographic and mechanical analyses. Borja F, et al. **Clin Orthop** 1985 Jul–Aug;(197):181–90

Partial epiphysiodesis at the knee to correct angular deformity. Bowen JR, et al. **Clin Orthop** 1985 Sep; (198):184–90

Interface mechanics and bone growth into porous Co-Cr-Mo alloy implants. Cook SD, et al. **Clin Orthop** 1985 Mar; (193):271–80

Heterotopic ossification. Incidence and relation to trochanteric osteotomy in 100 total hip arthroplasties. Errico TJ, et al. **Clin Orthop** 1984 Nov;(190):138–41

Results of treatment of subchondral bone cysts in the medial condyle of the equine femur with an autogenous cancellous bone graft. Kold SE, et al. **Equine Vet J** 1984 Sep; 16(5):414–8

Computer modeling of surgery and a consideration of the mechanical effects of proximal femoral osteotomies. Brand RA, et al. **Hip** 1984;:193–210

Lengthening of a short traumatic femoral stump. Moss AL, et al. **Injury** 1985 Mar;16(5):350–3

Replacement of the patello-femoral joint with the total condylar knee arthroplasty. Ranawat CS, et al. **Int Orthop** 1984;8(1):61–5

Subluxation of the knee as a complication of femoral lengthening by the Wagner technique. Jones DC, et al. **J Bone Joint Surg [Br]** 1985 Jan;67(1):33–5

Closed intramedullary rodding for osteogenesis imperfecta. Middleton RW. **J Bone Joint Surg [Br]** 1984 Nov; 66(5):652–5

Intramedullary cancellous bone block to improve femoral stem fixation in Charnley low-friction arthroplasty. Wroblewski BM, et al. **J Bone Joint Surg [Br]** 1984 Nov; 66(5):639–44

Deep, late infections associated with internal fixation in children. Highland TR, et al. **J Pediatr Orthop** 1985 Jan–Feb;5(1):59–64

The 'screwbreaker'. An instrument for removing problem screws from the upper femur. Scher MA. **J R Coll Surg Edinb** 1985 Feb;30(1):68–9

Greater trochanteric overgrowth: development and surgical correction. Fernbach SK, et al. **Radiology** 1985 Mar; 154(3):661–4

[Care of the patients undergoing a one-stage femoral lengthening operation] Chen W. **Chung Hua Hu Li Tsa Chih** 1985 Apr;20(2):80–1 (Chi)

[Lengthening of the femur using implantable appliances] Bliskunov AI. **Acta Chir Orthop Traumatol Cech** 1984 Dec; 51(6):454–66 (Eng. Abstr.) (Cze)

[Bernbeck's osteotomy in persistent anteversion and valgosity of the femoral neck in congenital hip dysplasia and certain types of Perthes disease] Kundrát J. **Acta Chir Orthop Traumatol Cech** 1985 Jul;52(4):316–23 (Eng. Abstr.) (Cze)

[Abbreviation osteotomy] Náhoda J. **Acta Chir Orthop Traumatol Cech** 1984 Jul;51(4):319–23 (Eng. Abstr.) (Cze)

[Hip surgery: local tissue reactions] Forest M, et al. **Ann Pathol** 1985;5(1):3–18 (52 ref.) (Eng. Abstr.) (Fre)

[Femoral lengthening by transverse diaphyseal osteotomy. Experimental study in the dog] David T, et al. **Rev Chir Orthop** 1985;71(3):145–51 (Eng. Abstr.) (Fre)

[An unknown after surgical lengthening of the femur in children: spontaneous postoperative parasitic lengthening] Suva D, et al. **Rev Chir Orthop** 1984;70(8):631–6 (Eng. Abstr.) (Fre)

[Role of orthopedic surgery in the treatment of bone metastasis] Debeyre J, et al. **Rev Rhum Mal Osteoartic** 1985 Mar;52(3):161–9 (Fre)

[Subtrochanteric lengthening of the femur using stepwise osteotomy] Höntzsch D. **Aktuel Traumatol** 1985 Jun; 15(3):135–6 (Ger)

[Massive intraoperative lung embolism caused by the introduction of a telescope pin (Bailey-Dubow pin) in a child with osteogenesis imperfecta] Fösel T, et al. **Anaesthesist** 1985 May;34(5):252–4 (Eng. Abstr.) (Ger)

[Development of coxarthrosis following intertrochanteric displacement osteotomy as seen in the roentgen film] Reichel F. **Beitr Orthop Traumatol** 1985 Apr;32(4):180–5 (Eng. Abstr.) (Ger)

[Surgical method in intertrochanteric displacement osteotomy] Reichel F. **Beitr Orthop Traumatol** 1985 Apr; 32(4):173–9 (Eng. Abstr.) (Ger)

[Hematogenous osteomyelitis of the femur in elderly patients—special forms of pathogenesis] Geiselhart HP. **Unfallchirurgie** 1984 Aug;10(4):177–81 (Eng. Abstr.) (Ger)

[Value of homologous spongiosa in filling up subchondral bone defects] Mommsen U, et al. **Unfallchirurgie** 1984 Dec; 10(6):273–7 (Eng. Abstr.) (Ger)

[New instruments for the removal of an artificial hip joint from the shaft] Brinckmann P, et al. **Z Orthop** 1985 Jan–Feb;123(1):113–4 (Eng. Abstr.) (Ger)

[Spontaneous femoral condyle necrosis of the knee joint (Ahlbäck disease)] Albers W, et al. **Zentralbl Chir** 1985; 110(10):607–12 (Eng. Abstr.) (Ger)

[Posterior diaphyso-metaphyseal hemiresection of the femur] Capanna R, et al. **Chir Organi Mov** 1984;69(1):91–6 (Eng. Abstr.) (Ita)

[Surgical lengthening and contralateral shortening in Ollier's chondrodysplasia] Mastragostino S, et al. **Chir Organi Mov** 1982–83;68(4–6):453–8 (Eng. Abstr.) (Ita)

[Zanoli-Pemberton acetabuloplasty associated with femoral osteotomy in the treatment of congenital hip dislocation] Rubbini L, et al. **Chir Organi Mov** 1984;69(2):119–25 (Eng. Abstr.) (Ita)

[Phillips' operation in degeneration of the hip joint] Lach JB, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(5):455–9 (Eng. Abstr.) (Pol)

[Radionuclide studies of osteogenesis and blood circulation after experimental correction of extensive crural bone defects] Sveshnikov AA, et al. **Ortop Travmatol Protez** 1984 Nov;(11):33–7 (Eng. Abstr.) (Rus)

[Transmyoplasty in the treatment of chronic osteomyelitis of the legs] Nikitin GD, et al. **Vestn Khir** 1985 Mar; 134(3):95–100 (Eng. Abstr.) (Rus)

[Corrosion of metal implants—causes of unsuccessful surgical treatment of injuries of the osteoarticular system] Horský I. **Bratisl Lek Listy** 1984 Nov;82(5):1351–5 (Eng. Abstr.) (Slo)

ULTRASTRUCTURE

Low temperature and conventional scanning electron microscopic observations of dog femoral condylar cartilage surface after anterior cruciate ligament division. O'Connor P, et al. **Ann Rheum Dis** 1985 May;44(5):321–7

FEMUR HEAD

Primary hypothyroidism associated with pituitary enlargement, slipped capital femoral epiphysis and cystic ovaries. Nishi Y, et al. **Eur J Pediatr** 1985 Jan;143(3):216–9

Trochanteric advancement for premature arrest of the femoral capital growth plate. Lloyd-Roberts GC, et al. **J Bone Joint Surg [Br]** 1985 Jan;67(1):21-4

The resolution of protrusio acetabuli treated with Ring's hip prosthesis. Sharp DJ, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):635-8

Pin placement in slipped capital femoral epiphysis. Bennet GC, et al. **J Pediatr Orthop** 1984 Sep;4(5):574-8

Slipped capital femoral epiphysis: case 3. Herring JA, et al. **J Pediatr Orthop** 1985 Jan-Feb;5(1):112-4

Slipped capital femoral epiphysis. Herring JA, et al. **J Pediatr Orthop** 1984 Sep;4(5):636-40

Slipped epiphysis associated with hypothyroidism. Heyerman W, et al. **J Pediatr Orthop** 1984 Sep;4(5):569-73

Value of the head-at-risk concept in assessing the prognosis in Legg-Calvé-Perthes disease. Vila Verde VM, et al. **J Pediatr Orthop** 1985 Jul-Aug;5(4):422-7

[A case of bone lipoma of the femur head] Lemerle R, et al. **Rev Chir Orthop** 1985;71(4):275-7 (Eng. Abstr.) (Fre)

ABNORMALITIES

[Radiological changes caused by osteitis in infancy] Boroń Z, et al. **Pol Przegl Radiol (Warszawa)** 1984 Sep-Oct; 48(5):315-6 (Eng. Abstr.) (Pol)

[Autoarthroplasty of the hip joint in hyperplasia and defects of the femur head] Marakusha IG. **Ortop Travmatol Protez** 1985 Feb;(2):49-50 (Rus)

ANALYSIS

Clinicopathological importance of deposits of amyloid in the femoral head. Cary NR. **J Clin Pathol** 1985 Aug; 38(8):868-72

ANATOMY & HISTOLOGY

Magnetic resonance imaging of the normal and ischemic femoral head. Totty WG, et al. **AJR** 1984 Dec; 143(6):1273-80

Improvement of femoral head coverage by Chiari osteotomy. Küsswetter W, et al. **Nippon Geka Hokan** 1985 Mar 1; 54(2):75-81

BLOOD SUPPLY

Effects of vascular occlusion on the femoral head in growing rabbits. Calvert PT, et al. **Acta Orthop Scand** 1984 Oct; 55(5):526-30

Vitality of the slipped capital femoral epiphysis. Preoperative evaluation by tetracycline labeling. Hägglund G, et al. **Acta Orthop Scand** 1985 Jun;56(3):215-7

The femoral head—dead or alive! [editorial] Hulth A. **Acta Orthop Scand** 1985 Jun;56(3):193-5

Traumatic hip joint tamponade. Two cases with femoral head ischaemia. Strömqvist B, et al. **Acta Orthop Scand** 1985 Feb;56(1):81-5

Transient ischaemia of the proximal femoral epiphysis in the child. Interpretation of bone scintimetry for diagnosis in hip pain. Wingstrand H, et al. **Acta Orthop Scand** 1985 Jun;56(3):197-203

Intracapsular pressure in transient synovitis of the hip. Wingstrand H, et al. **Acta Orthop Scand** 1985 Jun; 56(3):204-10

Ischemia of the childhood femoral and humeral head epiphyses following osteomyelitis. A hypothesis on its cause. Mortensson W, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(4):269-72

Femoral head vitality at reoperation for femoral neck fracture complications. Strömqvist B, et al. **Arch Orthop Trauma Surg** 1984;103(4):235-40

The iliopsoas muscle pedicle bone graft: an experimental study of femoral head vascularity after subcapital fractures and hip dislocations. Day B, et al. **Clin Orthop** 1984 Dec; (191):262-8

Femoral head vitality in femoral neck fracture after hook-pin internal fixation. Strömqvist B, et al. **Clin Orthop** 1984 Dec; (191):105-9

A dynamic canine model of experimental hip dysplasia. Gross and histological pathology, and the effect of position of immobilization on capital femoral epiphyseal blood flow. Schoenecker PL, et al. **J Bone Joint Surg [Am]** 1984 Oct; 66(8):1281-8

The effect of core decompression on femoral head blood flow in steroid-induced avascular necrosis of the femoral head. Wang GJ, et al. **J Bone Joint Surg [Am]** 1985 Jan; 67(1):121-4

DRUG EFFECTS

Steroid-induced accumulation of lipid in the osteocytes of the rabbit femoral head. A histochemical and electron microscopic study. Kawai K, et al. **J Bone Joint Surg [Am]** 1985 Jun;67(5):755-63

GROWTH & DEVELOPMENT

[Evaluation and prognosis of changes in the femur end of the hip in hip dislocation] Weickert H, et al. **Z Orthop** 1985 Mar-Apr;123(2):141-6 (Eng. Abstr.) (Ger)

INJURIES

Histologic patterns of capital femoral growth plate fracture in the rabbit: the effect of shear direction. Lee KE, et al. **J Pediatr Orthop** 1985 Jan-Feb;5(1):32-9

Shear fractures through the capital femoral physis of the skeletally immature rabbit. Rudicel S, et al. **J Pediatr Orthop** 1985 Jan-Feb;5(1):27-31

[Proximal femoral fractures in cats and dogs] Matis U, et al. **Tierarztl Prax** 1985;Suppl 1:159-78 (Eng. Abstr.) (Ger)

[Femur head fracture and its prognosis] Engelhardt P, et al. **Z Unfallchir Versicherungsmed Berufskr** 1984; 77(3):153-6 (Ger)

[Experimental methods for the analysis of injury of the femur with hip prosthesis prompted by fatigue] Prati E, et al. **Chir Organi Mov** 1984;69(3):261-4 (Eng. Abstr.) (Ita)

[Considerations on a rare case of detachment-fracture-dislocation of the nucleus of the femur head] Rosa D. **Chir Organi Mov** 1982-83; 68(4-6):741-6 (Eng. Abstr.) (Ita)

[Study of a stress-deformed state of the proximal end of the femur by the finite element method] Miteleva ZM, et al. **Ortop Travmatol Protez** 1984 Dec;(12):16-20 (Eng. Abstr.) (Rus)

METABOLISM

Biosynthesis of sulfated proteoglycan in vitro by cells derived from human osteochondrophytic spurs of the femoral head. Malemud CJ, et al. **Connect Tissue Res** 1984;12(3-4):319-35

The effect of age on bone composition and viability in the femoral head. Wong SY, et al. **J Bone Joint Surg [Am]** 1985 Feb;67(2):274-83

PATHOLOGY

Pathologic features of the femoral head in Mseleni disease. Sokoloff L, et al. **Hum Pathol** 1985 Feb;16(2):117-20

Topographical variation in the calcified zone of upper femoral articular cartilage. Meachim G, et al. **J Anat** 1984 Sep;139 (Pt 2):341-52

Surface morphology of Asian cadaveric hips. Das De S, et al. **J Bone Joint Surg [Br]** 1985 Mar;67(2):225-8

Focal lacunar resorption in the articular cartilage of femoral heads. Lothe K, et al. **J Bone Joint Surg [Br]** 1985 Aug; 67(4):543-7

Correlation of histopathology and sulfated proteoglycans in human osteoarthritic hip cartilage. Goldberg VM, et al. **J Orthop Res** 1984;1(3):302-12

Histological study of the femoral heads treated by bone grafting for idiopathic necrosis. Hattori A, et al. **Nippon Geka Hokan** 1984 Mar 1;53(2):287-97

[Changes in the shape and structure of the femoral head in coxarthrosis] Tesárek B, et al. **Acta Chir Orthop Traumatol Cech** 1985 Feb;52(1):11-9 (Eng. Abstr.) (Cze)

[Pathological anatomy of congenital hip diseases] Ogden JA, et al. **Orthopade** 1985 Feb;14(1):2-31 (Ger)

[Bone and boundary zone changes following the implantation of double-cup arthroplasties] Delling G, et al. **Z Orthop** 1984 Nov-Dec;122(6):770-6 (Eng. Abstr.) (Ger)

[Experimental study of hypertrophy of the femoral head—with special reference to the effects of the surgical procedure on the hip joint] Andoh K. **Nippon Seikeigeka Gakkai Zasshi** 1985 Apr;59(4):443-57 (Eng. Abstr.) (Jpn)

[Distribution of trabecular microfractures in the proximal femur—with the epiphyseal scar as a landmark] Tamai K, et al. **Nippon Seikeigeka Gakkai Zasshi** 1984 Jul;58(7):631-7 (Eng. Abstr.) (Jpn)

[Massive osteolysis. Presentation of a new case] Durán Sacristán DH, et al. **An R Acad Nac Med (Madr)** 1984; 101(2):205-18 (Spa)

PHYSIOLOGY

The apparent elastic modulus of the juxtarticular subchondral bone of the femoral head. Brown TD, et al. **J Orthop Res** 1984;2(1):32-8

Slipped capital femoral epiphysis: factors affecting shear forces on the epiphyseal plate. Litchman HM, et al. **J Pediatr Orthop** 1984 Nov;4(6):745-8

PHYSIOPATHOLOGY

Cartilage—bone interface. Millington PF. **Eng Med** 1984 Jul; 13(3):133-6

Stress changes in the femoral head due to porous ingrowth surface replacement arthroplasty. Carter DR, et al. **J Biomech** 1984;17(10):737-47

A technique for determining femoral head containment during gait. Rab GT, et al. **J Pediatr Orthop** 1985 Jan-Feb; 5(1):8-12

RADIOGRAPHY

Incidence of full containment of the femoral head after Legg-Calvé-Perthes disease and in the 'normal' hip. Reimers J. **J Pediatr Orthop** 1985 Mar-Apr;5(2):199-201

Slipping of the upper femoral epiphysis masked by acute appendicitis [letter] Schüller HM, et al. **Neth J Surg** 1985 Jun;37(3):94-5

[Degenerative changes in osteophytes of the hip joint] Stleda A, et al. **Cesk Radiol** 1985 Jan;39(1):27-33 (Eng. Abstr.) (Cze)

[Non-arthrosic geodes in the femur head. Isolated or predominant geodes] Lequesne M, et al. **Rev Rhum Mal Osteoartic** 1985 Apr;52(4):237-45 (Eng. Abstr.) (Fre)

[The asterisk sign and adult ischemic femur head necrosis] Dihlmann W, et al. **ROFO** 1985 Apr;142(4):430-5 (Eng. Abstr.) (Ger)

[Lateralization of the femur head—its significance for the pathogenesis, diagnosis, therapy and course of Perthes' disease] Schmitz B. **Z Orthop** 1985 Mar-Apr;123(2):156-62 (Eng. Abstr.) (Ger)

[Cases of rare localization of König's disease] Nowak C. **Wiad Lek** 1984 Sep 15;37(16):1292-6 (Eng. Abstr.) (Pol)

SURGERY

Stabilization of the hip joint after resection of caput and collum femoris by osteotomy of the femur. Soren A. **Acta Orthop Belg** 1984 Jul-Aug;50(4):499-511

Total hip replacement combined with bone grafting for acetabular dysplasia causing severe osteoarthritis of the hip joint. Dooley BJ, et al. **Aust NZ J Surg** 1985 Apr; 55(2):195-8

Cuneiform osteotomy of the femoral neck in the treatment of slipped capital femoral epiphysis. Fish JB. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1153-68

The treatment of chronic slipped capital femoral epiphysis by biplane osteotomy. Rao JP, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1169-75

Slipped capital femoral epiphysis. Southwick WO. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1151-2

Iatrogenic false aneurysm in slipped capital femoral epiphysis. Herndon WA, et al. **J Pediatr Orthop** 1984 Nov;4(6):754-5

Slipped capital femoral epiphysis: case 2 [clinical conference] Herring JA. **J Pediatr Orthop** 1984 Nov;4(6):764-7

An improved method for pinning of chronic slipped capital femoral epiphysis. Rab GT, et al. **J Pediatr Orthop** 1985 Mar-Apr;5(2):212-3

[Extensive excision of the upper end of the femur in children with motor handicap of cerebral origin] Pilliard D, et al. **Rev Chir Orthop** 1984;70(8):623-9 (Eng. Abstr.) (Fre)

[Prognosis of epiphyseolysis capitis femoris] Baumann P, et al. **Beitr Orthop Traumatol** 1985 Feb;32(2):68-73 (Eng. Abstr.) (Ger)

[Joint saving operation procedures in idiopathic femur head necrosis] Heisel J, et al. **Z Orthop** 1984 Sep-Oct; 122(5):705-15 (Eng. Abstr.) (Ger)

[Development of the hip joint after extra-articular operations in juvenile epiphysiolysis of the femur head] Koren' MN. **Ortop Travmatol Protez** 1985 Feb;(2):13-7 (Eng. Abstr.) (Rus)

[Centering operations in osteochondropathies of the femur head] Tikhonenkov ES, et al. **Ortop Travmatol Protez** 1985 Feb;(2):8-12 (Eng. Abstr.) (Rus)

[Surgical treatment of hip joint dysplasia by incomplete angular osteotomy of the pelvis] Tikhonenkov ES, et al. **Ortop Travmatol Protez** 1984 Jul;(7):51-3 (Rus)

[Osteo-cartilaginous autoplasty of femur head defects] Marakusha IG. **Probl Tuberk** 1985;(2):45-8 (Eng. Abstr.) (Rus)

[Osteocartilaginous alloplasty in aseptic femur head necrosis] Chabanenko SV, et al. **Vestn Khir** 1985 Feb;134(2):105-8 (Eng. Abstr.) (Rus)

[Experience with endoprosthesis of the femur head and neck] Vereshchagin AP, et al. **Vestn Khir** 1984 Nov;133(11):116-9 (Eng. Abstr.) (Rus)

[Personal experience with Imhäuser's operation for epiphysiolysis capitis femoris] Steňo M, et al. **Acta Chir Orthop Traumatol Cech** 1985 Feb;52(1):2-10 (Eng. Abstr.) (Sla)

TRANSPLANTATION

[Experimental studies of osteochondral allografts] Watanabe N. **Nippon Seikeigeka Gakkai Zasshi** 1984 Jul;58(7):703-18 (Eng. Abstr.) (Jpn)

ULTRASTRUCTURE

Slipped capital femoral epiphysis: a pathological study. II. An ultrastructural study of 23 cases. Agamanolis DP, et al. **J Pediatr Orthop** 1985 Jan-Feb;5(1):47-58

Slipped capital femoral epiphysis: a pathological study. I. A light microscopic and histochemical study of 21 cases. Agamanolis DP, et al. **J Pediatr Orthop** 1985 Jan-Feb; 5(1):40-6

FEMUR HEAD NECROSIS

CHEMICALLY INDUCED

Femoral osteonecrosis following soft tissue corticosteroid infiltration. Roseff R, et al. **Am J Med** 1984 Dec; 77(6):1119-20

Avascular necrosis of bone in neuroblastoma treated with combination chemotherapy. Ishii E, et al. **Eur J Pediatr** 1984 Dec;143(2):152-3

An animal model for aseptic necrosis after intramuscular injections. Müller-Vahl H, et al. **Int J Tissue React** 1984; 6(3):251-4

Steroid-induced accumulation of lipid in the osteocytes of the rabbit femoral head. A histochemical and electron microscopic study. Kawai K, et al. **J Bone Joint Surg [Am]** 1985 Jun;67(5):755-63

Avascular necrosis of bone following short-term dexamethasone therapy for brain edema. Case report. Fast A, et al. **J Neurosurg** 1984 Nov;61(5):983-5

[Bilateral femur head necrosis following high dosage corticosteroid therapy for chorioretinitis] Schlumpf U, et al. **Schweiz Med Wochenschr** 1985 Apr 6;115(14):488–94 (Eng. Abstr.) (Ger)

COMPLICATIONS

Residual deformities related to arthrotic change after Perthes' disease. A long–term follow–up of fifty–one cases. Saito S, et al. **Arch Orthop Trauma Surg** 1985;104(1):7–14
Reflections on complex problems of the hip in the adolescent. Tachdjian MO. **Bull Hosp Jt Dis Orthop Inst** 1985 Spring; 45(1):1–20
Avascular necrosis of the femoral head in sickle–cell disease. A series from the Guinea Savannah of Nigeria. Iwegbu CG, et al. **J Bone Joint Surg [Br]** 1985 Jan;67(1):29–32
[Pre–arthrosis conditions of the hip joint in children] Dungl P. **Cas Lek Cesk** 1984 Sep 14;123(37):1148–51 (Eng. Abstr.) (Cze)
[Osteochondritis dissecans of the hip in Legg–Perthes–Calve disease] Filipe G, et al. **Rev Chir Orthop** 1985;71(1):55–61 (Eng. Abstr.) (Fre)

DIAGNOSIS

The biology of idiopathic necrosis of the human femoral head studied by tetracycline labelling and microradiography. Portigliatti Barbos M, et al. **Acta Orthop Belg** 1985 Jan–Feb;51(1):18–27
Magnetic resonance imaging of the normal and ischemic femoral head. Totty WG, et al. **AJR** 1984 Dec; 143(6):1273–80
Nuclear magnetic resonance imaging in Legg–Calvé–Perthes disease. Scoles PV, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1357–63
Idiopathic bone necrosis of the femoral head. Early diagnosis and treatment. Ficat RP. **J Bone Joint Surg [Br]** 1985 Jan; 67(1):3–9
MR imaging of iliopsoas bursitis and concurrent avascular necrosis of the femoral head. Cohen JM, et al. **J Comput Assist Tomogr** 1985 Sep–Oct;9(5):969–71
Chemical–shift–selective magnetic–resonance imaging of avascular necrosis of the femoral head. Matthaei D, et al. **Lancet** 1985 Feb 16;1(8425):370–1
Early Legg–Perthes disease (ischemic necrosis of the femoral head) demonstrated by magnetic resonance imaging. Bluemm RG, et al. **Skeletal Radiol** 1985;14(2):95–8
[Diagnostic and therapeutic differences between primary and secondary coxarthrosis and femur head necrosis] Kubát R, et al. **Acta Chir Orthop Traumatol Cech** 1984 Jul; 51(4):288–91 (Eng. Abstr.) (Cze)
[Aseptic bone necrosis of the femur head in pregnancy] Breederveld RS, et al. **Ned Tijdschr Geneeskd** 1984 Jul 14; 128(28):1330–3 (Eng. Abstr.) (Dut)
[Diagnosis of bone necrosis by magnetic resonance tomography. The potentials for early diagnosis] Rupp N, et al. **ROFO** 1985 Feb;142(2):131–7 (Eng. Abstr.) (Ger)
[Legg–Perthes disease and multiple epiphyseal dysplasia] Tikhonenkov ES, et al. **Ortop Travmatol Protez** 1985 May; (5):45–6 (Rus)

DRUG THERAPY

[Early results in the treatment of Legg–Calvé–Perthes disease using intra–articular injections of aqueous propolis extract] Przybylski J, et al. **Z Orthop** 1985 Mar–Apr;123(2):163–7 (Eng. Abstr.) (Ger)
[Emptying–filling with calcitonin and spongostan in the treatment of osteonecrosis of the femoral head: experimental assumptions, technic and medium–term results] De Bastiani G, et al. **Chir Organi Mov** 1982–83; 68(4–6):509–13 (Eng. Abstr.) (Ita)

ETIOLOGY

Femoral head necrosis following traumatic hip joint tamponade. A case report. Bauer GC. **Acta Orthop Scand** 1985 Jun;56(3):275–6
Osteonecrosis of the femoral head and pregnancy. Arlet J, et al. **Clin Rheumatol** 1982 Jun;1(2):95–103
Gaucher's disease. Lachiewicz PF. **Orthop Clin North Am** 1984 Oct;15(4):765–74
Steroid treatment and aseptic necrosis of the femoral head in renal transplant recipients. Haajanen J, et al. **Transplant Proc** 1984 Oct;16(5):1316–9
[Non–traumatic necrosis of the femoral head associated with alcohol abuse] Schantz K, et al. **Ugeskr Laeger** 1985 Mar 4;147(10):858–60 (Eng. Abstr.) (Dan)
[Osteonecrosis of the femur head caused by sickle cell anemia in Benin. Epidemiologic and radiologic aspects] Genin P, et al. **Bull Soc Pathol Exot Filiales** 1985;78(2):249–55 (Eng. Abstr.) (Fre)
[Aseptic necrosis of the femoral head in young adults] Vasey HM. **Int Orthop** 1984;8(2):77–88 (91 ref.) (Eng. Abstr.) (Fre)
[Etiological forms of aseptic osteonecrosis of the femoral head (apropos of 12 cases)] Kchir MM, et al. **Tunis Med** 1984 Jul–Aug;62(4):315–7 (Eng. Abstr.) (Fre)
[Causes and frequency of aseptic femur head necrosis following medial femoral neck fractures] Scharf W, et al. **Unfallheilkunde** 1984 Aug;87(8):338–43 (Eng. Abstr.) (Ger)
[Evaluation and prognosis of changes in the femur end of the hip in hip dislocation] Weickert H, et al. **Z Orthop** 1985 Mar–Apr;123(2):141–6 (Eng. Abstr.) (Ger)
[Decreasing the incidence of collapse of the necrosed femur head by emergency osteosynthesis in femoral neck fractures] Manninger J, et al. **Orv Hetil** 1985 Jun 30; 126(26):1577–80 (Eng. Abstr.) (Hun)

HISTORY

The classic. The first stages of coxa plana by Henning Waldenström. 1938. **Clin Orthop** 1984 Dec;(191):4–7

METABOLISM

C–reactive protein in femoral head necrosis. Gadeberg N, et al. **J Trauma** 1985 Jun;25(6):511–5

OCCURRENCE

Perthes' disease in Kurunegala. Wijesekera C. **Ceylon Med J** 1984 Jun;29(2):65–83

PATHOLOGY

Effects of vascular occlusion on the femoral head in growing rabbits. Calvert PT, et al. **Acta Orthop Scand** 1984 Oct; 55(5):526–30
Acetabular hypertrophy in Legg–Calvé–Perthes disease. Yngve DA, et al. **J Pediatr Orthop** 1985 Jul–Aug; 5(4):416–21
Histological study of the femoral heads treated by bone grafting for idiopathic necrosis. Hattori A, et al. **Nippon Geka Hokan** 1984 Mar 1;53(2):287–97
[Early histologic findings in Perthes disease] Tomaschewski HK. **Beitr Orthop Traumatol** 1984 Dec;31(12):613–21 (Eng. Abstr.) (Ger)
[Experimental study on osteonecrosis of the femur head: methods] Portigliatti Barbos M, et al. **Chir Organi Mov** 1984;69(1):71–4 (Eng. Abstr.) (Ita)
[Cloning of bone marrow stromal fibroblasts from a focus of aseptic femur head necrosis] Shumada IV, et al. **Arkh Patol** 1984;46(10):47–51 (Eng. Abstr.) (Rus)

PHYSIOPATHOLOGY

A technique for determining femoral head containment during gait. Rab GT, et al. **J Pediatr Orthop** 1985 Jan–Feb; 5(1):8–12
[Femur head necrosis as a prearthrotic deformity] Dürrschmidt V, et al. **Beitr Orthop Traumatol** 1985 Feb; 32(2):84–8 (Eng. Abstr.) (Ger)

PREVENTION & CONTROL

Avoidance of avascular necrosis of the femoral head, following fractures of the femoral neck, by early reduction and internal fixation. Manninger J, et al. **Injury** 1985 Jul; 16(7):437–48

RADIOGRAPHY

Lesions of the femoral neck in Legg–Perthes disease. Silverman FN. **AJR** 1985 Jun;144(6):1249–54
Angiography in Perthes' disease. de Camargo FP, et al. **Clin Orthop** 1984 Dec;(191):216–20
Metaphysis in Perthes disease: a method of assessment and selection for treatment. Ellis W. **J Pediatr Orthop** 1984 Nov;4(6):731–4
Incidence of full containment of the femoral head after Legg–Calvé–Perthes disease and in the 'normal' hip. Reimers J. **J Pediatr Orthop** 1985 Mar–Apr;5(2):199–201
Perthes' disease—a long term follow–up. Templeton J, et al. **Ulster Med J** 1983;52(2):125–30
[Degenerative changes in osteophytes of the hip joint] Středa A, et al. **Cesk Radiol** 1985 Jan;39(1):27–33 (Eng. Abstr.) (Cze)
[Osteonecrosis of the femoral head of sickle–cell origin. Apropos of 19 cases observed during a year in Benin. Proposal for radiologic classification] Genin P, et al. **J Radiol** 1984 Oct;65(10):681–7 (Eng. Abstr.) (Fre)
[Complex studies in juvenile osteochondrosis deformans of the hip (Calvé–Legg–Perthes). II. Roentgen diagnosis studies] Siegling CW. **Beitr Orthop Traumatol** 1985 Apr; 32(4):190–7 (Eng. Abstr.) (Ger)
[Femur head necrosis—value of so–called radiologic early signs for diagnosis and therapy] Stahl C, et al. **Beitr Orthop Traumatol** 1985 Feb;32(2):88–97 (Eng. Abstr.) (Ger)
[The asterisk sign and adult ischemic femur head necrosis] Dihlmann W, et al. **ROFO** 1985 Apr;142(4):430–5 (Eng. Abstr.) (Ger)
[Progress in the diagnosis of femur head necrosis in adults] Bosnjakovic–Büscher S, et al. **Roentgenpraxis** 1984 Jul; 37(7):254–63 (Ger)
[Roentgenologic stages of Perthes disease] Dahmen G, et al. **Z Orthop** 1984 Sep–Oct;122(5):692–9 (Eng. Abstr.) (Ger)
[Late prognosis of Perthes' disease: which factors determine arthritis risk?] Engelhardt P. **Z Orthop** 1985 Mar–Apr; 123(2):168–81 (Eng. Abstr.) (Ger)
[Post–traumatic femur head necrosis following trochanter fracture] Linhart W, et al. **Z Orthop** 1984 Nov–Dec; 122(6):766–9 (Eng. Abstr.) (Ger)
[Lateralization of the femur head—its significance for the pathogenesis, diagnosis, therapy and course of Perthes' disease] Schmitz B. **Z Orthop** 1985 Mar–Apr;123(2):156–62 (Eng. Abstr.) (Ger)

RADIONUCLIDE IMAGING

Bone scan in Legg–Calve–Perthes' disease. Colón IN, et al. **Bol Asoc Med PR** 1984 Dec;76(12):513–6
Femoral head viability following hip fracture. Prognostic role of radionuclide bone imaging. Drane WE, et al. **Clin Nucl Med** 1985 Mar;10(3):141–6
Detection of femoral head avascular necrosis in adults by SPECT. Collier BD, et al. **J Nucl Med** 1985 Sep; 26(9):979–87
[Radionuclide diagnosis of various diseases of the hip joint] Prikhod'ko AG, et al. **Ortop Travmatol Protez** 1984 Jul; (7):47–51 (Rus)

SURGERY

Resurfacing of the femoral head with fresh osteochondral allografts. Long–term results. Meyers MH. **Clin Orthop** 1985 Jul–Aug;(197):111–4
'The present status of surgical treatment of Legg–Perthes disease' [letter] Axer A. **J Bone Joint Surg [Am]** 1985 Sep; 67(7):1141–2
The effect of an incomplete interochanteric osteotomy on Legg–Calvé–Perthes disease. Clancy M, et al. **J Bone Joint Surg [Am]** 1985 Feb;67(2):213–6
The effect of core decompression on femoral head blood flow in steroid–induced avascular necrosis of the femoral head. Wang GJ, et al. **J Bone Joint Surg [Am]** 1985 Jan; 67(1):121–4
Innominate osteotomy in Perthes' disease. A radiological survey of results. Maxted MJ, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):399–401
Derotation varus osteotomy in Perthes disease. McElwain JP, et al. **J Pediatr Orthop** 1985 Mar–Apr;5(2):195–8
[Bernbeck's osteotomy in persistent anteversion and valgosity of the femoral neck in congenital hip dysplasia and certain types of Perthes disease] Kundrát J. **Acta Chir Orthop Traumatol Cech** 1985 Jul;52(4):316–23 (Eng. Abstr.) (Cze)
[Treatment of avascular femur head necrosis in the adult] Jahn K, et al. **Z Arztl Fortbild (Jena)** 1984;78(20):843–7 (Ger)
[Effect of various criteria on the course and therapy result in Perthes disease] Dahmen G, et al. **Z Orthop** 1984 Sep–Oct;122(5):700–4 (Eng. Abstr.) (Ger)
[Joint saving operation procedures in idiopathic femur head necrosis] Heisel J, et al. **Z Orthop** 1984 Sep–Oct; 122(5):705–15 (Eng. Abstr.) (Ger)
[Results with ceramic–on–ceramic sliding endoprosthesis completely or partially fixed without cement] Trepte CT, et al. **Z Orthop** 1985 Mar–Apr;123(2):239–44 (Eng. Abstr.) (Ger)
[Joint distraction of the hip (clinical experience)] Aldegheri R, et al. **Chir Organi Mov** 1982–83;68(4–6):527–31 (Eng. Abstr.) (Ita)
[Considerations on 3 cases of resurfacing hip prosthesis] Contro E, et al. **Chir Organi Mov** 1982–83;68(4–6):515–22 (Eng. Abstr.) (Ita)
[Various possibilities of the clinical use of atypical total hip endoprostheses] Kreczko R. **Chir Narzadow Ruchu Ortop Pol** 1984;49(2):165–70 (Eng. Abstr.) (Pol)
[Autoarthroplasty of the hip joint in hyperplasia and defects of the femur head] Marakusha IG. **Ortop Travmatol Protez** 1985 Feb;(2):49–50 (Rus)
[Experience with endoprosthesis of the hip joint] Shenderov VA. **Ortop Travmatol Protez** 1985 Jun;(6):43–7 (Rus)
[Centering operations in osteochondropathies of the femur head] Tikhonenkov ES, et al. **Ortop Travmatol Protez** 1985 Feb;(2):8–12 (Eng. Abstr.) (Rus)
[Osteocartilaginous alloplasty in aseptic femur head necrosis] Chabanenko SV, et al. **Vestn Khir** 1985 Feb;134(2):105–8 (Eng. Abstr.) (Rus)

THERAPY

Perthes' disease. Klisić PJ. **Int Orthop** 1984;8(2):95–102 (63 ref.)
IMA II brace for deambulatory treatment of Legg–Perthes disease. Nava LC. **J Biomed Eng** 1985 Jan;7(1):71–4
Use of pulsed electromagnetic fields in Perthes disease: report of a pilot study. Harrison MH, et al. **J Pediatr Orthop** 1984 Sep;4(5):579–84
Value of the head–at–risk concept in assessing the prognosis in Legg–Calvé–Perthes disease. Vila Verde VM, et al. **J Pediatr Orthop** 1985 Jul–Aug;5(4):422–7
Conservative treatment of sickle cell avascular necrosis of the femoral head. Washington ER, et al. **J Pediatr Orthop** 1985 Mar–Apr;5(2):192–4
Preoperative skeletal traction in Legg–Perthes disease. Killian JT, et al. **South Med J** 1985 Aug;78(8):928–32

VETERINARY

Staphylococcal necrosis of the head of the femur in broiler chickens. Griffiths GL, et al. **Aust Vet J** 1984 Sep;61(9):293
Bilateral degenerative coxofemoral joint disease in a foal. Trent AM, et al. **J Am Vet Med Assoc** 1985 Feb 1; 186(3):284–7

FEMUR NECK

Arteriovenous malformation eroding the right femoral neck. Case report 327. Gilliland JD, et al. **Skeletal Radiol** 1985; 14(2):145–7

GROWTH & DEVELOPMENT

Femoral neck: growth deformity following the irritable hip syndrome. Wolinski AP, et al. **Br J Radiol** 1984 Sep; 57(682):773–7

[Developmental model of the femur neck. Autonomous nature of growth processes in the femur neck and the risk of disorders after operations on the hip joint] Gryboś J. **Chir Narzadow Ruchu Ortop Pol** 1984;49(5):415–9 (Eng. Abstr.) (Pol)

INJURIES

Implant-induced trabecular damage in cadaveric femoral necks. Scott WA, et al. **Acta Orthop Scand** 1985 Apr; 56(2):145–6

[Study of a stress-deformed state of the proximal end of the femur by the finite element method] Miteleva ZM, et al. **Ortop Travmatol Protez** 1984 Dec;(12):16–20 (Eng. Abstr.) (Rus)

PATHOLOGY

Anteversion of the femoral neck in congenital dislocation of the hip. Koshimune G. **Acta Med Okayama** 1985 Jun; 39(3):221–30

Monostotic fibrous dysplasia in the femoral neck. A clinicopathologic study. Nakashima Y, et al. **Clin Orthop** 1984 Dec;(191):242–8

[Bernbeck's osteotomy in persistent anteversion and valgosity of the femoral neck in congenital hip dysplasia and certain types of Perthes disease] Kundrát J. **Acta Chir Orthop Traumatol Cech** 1985 Jul;52(4):316–23 (Eng. Abstr.) (Cze)

PHYSIOPATHOLOGY

[Cortical erosion of the bare area of the femoral neck in irritable hip joints of alcoholics] Szántó D. **Orv Hetil** 1985 Aug 11;126(32):1975–8 (Eng. Abstr.) (Hun)

RADIOGRAPHY

Bone mineral density in the femoral neck: quantitative assessment using dual-energy projection radiography. Sartoris DJ, et al. **AJR** 1985 Mar;144(3):605–11

Lesions of the femoral neck in Legg-Perthes disease. Silverman FN. **AJR** 1985 Jun;144(6):1249–54

SURGERY

Stabilization of the hip joint after resection of caput and collum femoris by osteotomy of the femur. Soren A. **Acta Orthop Belg** 1984 Jul–Aug;50(4):499–511

Southwick's osteotomy in the treatment of chronic slipped upper femoral epiphysis. Fixation with AO blade plate. Cigala F, et al. **Ital J Orthop Traumatol** 1984 Dec; 10(4):461–8

Cuneiform osteotomy of the femoral neck in the treatment of slipped capital femoral epiphysis. Fish JB. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1153–68

[Remarks with regard to corrective osteotomy in the treatment of congenital hip dislocation in the Garlicki modification] Sotirow B. **Chir Narzadow Ruchu Ortop Pol** 1984;49(1):27–30 (Eng. Abstr.) (Pol)

[A method of the surgical treatment of juvenile epiphysiolysis of the femur head] Abakarov AA, et al. **Ortop Travmatol Protez** 1984 Jul;(7):53–5 (Rus)

[Experience with endoprosthesis of the femur head and neck] Vereshchagin AP, et al. **Vestn Khir** 1984 Nov;133(11):116–9 (Eng. Abstr.) (Rus)

FENBENDAZOLE see under **BENZIMIDAZOLES**

FENCHLORPHOS

PHARMACODYNAMICS

In vitro studies of the effect of propylthiouracil and ronnel on thyroxine-5'-monodeiodinase activity in steers. Kahl S, et al. **J Anim Sci** 1985 Jul;61(1):197–202

Effects of in vitro ronnel on metabolic activity in subcutaneous adipose tissue and skeletal muscle from steers. Trankina ML, et al. **J Anim Sci** 1985 Mar;60(3):652–8

FENCLONINE see **P-CHLOROPHENYLALANINE**

FENCLOZIC ACID see under **THIAZOLES**

FENDILINE see under **PHENETHYLAMINES**

FENELZIN see **PHENELZINE**

FENESTRATION

Fenestration: a twenty-five-year evaluation. Brooks DN. **J Laryngol Otol** 1985 Mar;99(3):225–30

METHODS

Stapedotomy technique and results. Causse JB, et al. **Am J Otol** 1985 Jan;6(1):68–71

Fenestration of the horizontal semicircular canal in congenital conductive deafness. Farrior JB, et al. **Laryngoscope** 1985 Sep;95(9 Pt 1):1029–36

Small fenestra stapedectomy: technique and advantages. Pappas JJ, et al. **South Med J** 1984 Nov;77(11):1410–4

FENFLURAMINE

ADVERSE EFFECTS

Long-term follow-up of pulmonary hypertension in patients with and without anorectic drug intake. Loogen F, et al. **Cor Vasa** 1985;27(2–3):111–24

ANALOGS & DERIVATIVES

Determination of fenfluramine and norfenfluramine in plasma using a nitrogen-sensitive detector. Krebs HA, et al. **J Chromatogr** 1984 Oct 12;310(2):412–7

Discriminative stimulus properties of the serotonin agonist 1-(3-trifluoromethylphenyl)piperazine (TFMPP). Glennon RA, et al. **Life Sci** 1984 Oct 1;35(14):1475–80

[Derivatives of N-hydroxyfenfluramine and their anorectic activity] Bianchi M, et al. **Farmaco [Sci]** 1984 Dec; 39(12):1061–72 (Eng. Abstr.) (Ita)

BLOOD

Determination of fenfluramine and norfenfluramine in plasma using a nitrogen-sensitive detector. Krebs HA, et al. **J Chromatogr** 1984 Oct 12;310(2):412–7

DIAGNOSTIC USE

Effect of fenfluramine oral administration on serum prolactin levels in healthy and hyperprolactinemic women. Scarduelli C, et al. **Gynecol Obstet Invest** 1985;19(2):92–6

Fenfluramine stimulation of serum cortisol in patients with major affective disorders and healthy controls: further evidence for a central serotonergic action of lithium in man. Mühlbauer HD, et al. **J Neural Transm** 1985;61(1–2):81–94

The influence of fenfluramine stimulation on prolactin plasma levels in lithium long-term-treated manic-depressive patients and healthy subjects. Mühlbauer HD. **Pharmacopsychiatry** 1984 Nov;17(6):191–3

PHARMACODYNAMICS

Possible relationships between changes in body weight set-point and stress metabolism after treating rats chronically with D-fenfluramine. Effects of feeding rats acutely with fructose on the metabolism of corticosterone, glucose, fatty acids, glycerol and triacylglycerol. Brindley DN, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1265–71

Fenfluramine delays gastric emptying of solid food. Horowitz M, et al. **Br J Clin Pharmacol** 1985 Jun;19(6):849–51

Naloxone reduces the fenfluramine-induced prolactin release in man. Foresta C, et al. **Clin Endocrinol (Oxf)** 1985 Apr; 22(4):539–43

Antagonism of apomorphine-induced cage climbing behaviour and methamphetamine stereotypy by fenfluramine in mice. Gada VP, et al. **Indian J Physiol Pharmacol** 1984 Oct–Dec;28(4):326–30

d-Fenfluramine and salbutamol: two drugs causing anorexia through different neurochemical mechanisms. Garattini S, et al. **Int J Obes** 1984;8 Suppl 1:151–7

d-Fenfluramine selectively decreases carbohydrate but not protein intake in obese subjects. Wurtman JJ, et al. **Int J Obes** 1984;8 Suppl 1:79–84

Comparison of the effects of fenfluramine and other anorectic agents in different feeding and drinking paradigms in rats. Rowland NE, et al. **Life Sci** 1985 Jun 17;36(24):2295–300

Use of mRNA hybridization and radioimmunoassay to study mechanisms of drug-induced accumulation of enkephalins in rat brain structures. Mocchetti I, et al. **Mol Pharmacol** 1985 Jul;28(1):86–91

Serotonin and norepinephrine-dependent effects of fenfluramine on plasma renin activity in conscious male rats. Van de Kar LD, et al. **Neuropharmacology** 1985 Jun; 24(6):487–94

Alteration of the neurochemical effects of fenfluramine by previous treatment with d-amphetamine. Hunsinger RN, et al. **Pharmacol Biochem Behav** 1985 Jan;22(1):127–34

Effect of dopamine agonists and fenfluramine on discriminative behavior in obese and lean Zucker rats. Schechter MD, et al. **Pharmacol Biochem Behav** 1985 Jul; 23(1):7–11

Anorectic effect of fenfluramine isomers and metabolites: relationship between brain levels and in vitro potencies on serotonergic mechanisms. Mennini T, et al. **Psychopharmacology (Berlin)** 1985;85(1):111–4

POISONING

Experimental neurotoxicity of the anorectic fenfluramine. I. A fine structural model for cerebral lysosomal storage and neuroglial reaction. Dastur DK, et al. **Acta Neuropathol (Berl)** 1985;67(1–2):142–54

THERAPEUTIC USE

Fenfluramine and chronic schizophrenia. Shore D, et al. **Biol Psychiatry** 1985 Mar;20(3):349–52

Suppression of eating by fenfluramine in patients with bulimia nervosa. Robinson PH, et al. **Br J Psychiatry** 1985 Feb; 146:169–76

Effects of fenfluramine on behavioral, cognitive, and affective disturbances in autistic children. August GJ, et al. **J Autism Dev Disord** 1985 Mar;15(1):97–107

Fenfluramine treatment in infantile autism. Neurochemical, electrophysiological, and behavioral effects. August GJ, et al. **J Nerv Ment Dis** 1984 Oct;172(10):604–12

Study of fenfluramine in outpatients with the syndrome of autism. Ritvo ER, et al. **J Pediatr** 1984 Nov;105(5):823–8

[Efficacy of fenfluramine for the treatment of compulsive behavior disorders in psychotic children (letter)] Gastaut H. **Presse Med** 1984 Sep 29;13(33):2024–5 (Fre)

TOXICITY

The effect of previous d-amphetamine treatment on the disposition and lethality of fenfluramine in the rat. Hunsinger RN, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):236–45

FENFORMIN see **PHENFORMIN**

FENILBUTAZON see **PHENYLBUTAZONE**

FENITOIN see **PHENYTOIN**

FENITROTHION

[Evaluation of the release rate of an enveloped slow-release larvicide and its efficacy in mosquito control] Wu N. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Jun; 6(3):153–5 (Eng. Abstr.) (Chi)

ADMINISTRATION & DOSAGE

Malaria control with residual fenitrothion in Central Java, Indonesia: an operational-scale trial using both full and selective coverage treatments. Gandahusada S, et al. **Bull WHO** 1984;62(5):783–94

ANALYSIS

Distribution of fenitrothion residues in brook trout (Salvelinus fontinalis) and lake trout (Salvelinus namaycush) tissues following aerial applications to Lac Ste-Anne, Québec. Holmes SB, et al. **Bull Environ Contam Toxicol** 1984 Oct;33(4):468–75

Gas chromatographic method for determination of fenitrothion in technical and in emulsifiable concentrate and water-dispersible powder formulations: collaborative study. Mount DL, et al. **J Assoc Off Anal Chem** 1985 May–Jun;68(3):576–80

METABOLISM

Effects of pH upon the environmental fate of [14C]fenitrothion in an aquatic microcosm. Fisher SW. **Ecotoxicol Environ Safety** 1985 Aug;10(1):53–62

PHARMACODYNAMICS

Protein-bound iodine levels in the blood plasma of freshwater teleost, Channa punctatus (Bl.) exposed to subtoxic pesticide concentrations. Saxena PK, et al. **Toxicol Lett** 1985 Jan;24(1):33–6

[The effect of dichlorvos and metathion on selected enzymes of the amoeba Tetrahymena pyriformis] Niltiar F, et al. **Vet Med (Praha)** 1985 Jul;30(7):443–7 (Eng. Abstr.) (Slo)

POISONING

Delayed neurotoxicity produced by an organophosphorus compound (Sumithion). A case report. Sakamoto T, et al. **Arch Toxicol** 1984 Dec;56(2):136–8

TOXICITY

The effects of temperature, salinity and a simulated tidal cycle on the toxicity of fenitrothion to Callinectes sapidus. Johnston JJ, et al. **Comp Biochem Physiol [C]** 1985; 80(1):145–9

Potentiated toxicity of 2-sec-butylphenyl methylcarbamate (BPMC) by O,O-dimethyl O-(3-methyl-4-nitrophenyl)phosphorothioate (fenitrothion) in mice; relationship between acute toxicity and metabolism of BPMC. Takahashi H, et al. **Fundam Appl Toxicol** 1984 Oct;4(5):718–23

Pharmacokinetic analysis of increased toxicity of 2-sec-butylphenyl methylcarbamate (BPMC) by fenitrothion pretreatment in mice. Tsuda S, et al. **Fundam Appl Toxicol** 1984 Oct;4(5):724–30

Comparative toxic effect of sumithion on rat and pigeon at the level of myelin. Nag A, et al. **Neurosci Lett** 1985 May 14;56(2):167–73

Effects of a short period exposure of fenitrothion on the reproduction of pregnant females of the guppy, Poecilia reticulata. Miyashita M. **Nippon Eiseigaku Zasshi** 1984 Aug; 39(3):647–50

Pulmonary toxicity of aerosolized oil-formulated fenitrothion in rats. Chevalier G, et al. **Toxicol Appl Pharmacol** 1984 Nov;76(2):349–55

[Mutagenicity and teratogenicity studies of fenitrothion] Hou YH. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Jul; 18(4):227–30 (Eng. Abstr.) (Chi)

FENMETRAZIN see **PHENMETRAZINE**

FENOPROFEN see under **PHENYLPROPIONATES**

FENOTEROL see under **ETHANOLAMINES**

FENSPIRIDE see under **SPIRO COMPOUNDS**

FENSULFOTHION see under **INSECTICIDES, ORGANOTHIOPHOSPHATE**

FENTANYL

Comparison of fentanyl and halothane as supplement to nitrous-oxide-oxygen anaesthesia for coronary artery surgery. Fischerström A, et al. **Acta Anaesthesiol Scand** 1985 Jan;29(1):16–21

Lorazepam and high-dose fentanyl anaesthesia: effects on haemodynamics and oxygen transportation in patients undergoing coronary revascularization. Heikkilä H, et al. **Acta Anaesthesiol Scand** 1984 Aug;28(4):357–61

Metoprolol medication and coronary artery bypass grafting operation. Heikkilä H, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):677–82

Comparison of alfentanil and fentanyl as supplements to induction of anaesthesia with thiopentone. Hynynen M, et al. **Acta Anaesthesiol Scand** 1985 Feb;29(2):168–74

Haemodynamic response to nitrous oxide during high-dose fentanyl pancuronium anaesthesia. Meretoja OA, et al. **Acta Anaesthesiol Scand** 1985 Jan;29(1):137–41

Isoflurane v fentanyl for outpatient laparoscopy. Rising S, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):251–5

Sequential myocardial depressant and non-depressant anaesthesia for coronary artery surgery. Settergren G, et al. **Acta Anaesthesiol Scand** 1985 Jan;29(1):26–31

A double blind comparison of alfentanil and fentanyl. Liberman H, et al. **Anaesth Intensive Care** 1985 Feb;13(1):5–11

Epidural fentanyl in labour. An evaluation of the systemic contribution to analgesia. Vella LM, et al. **Anaesthesia** 1985 Aug;40(8):741–7

Fentanyl anesthesia in familial dysautonomia. Beilin B, et al. **Anesth Analg** 1985 Jan;64(1):72–6

Comparison of fentanyl, sufentanil, and alfentanil anesthesia in patients undergoing valvular heart surgery. Bovill JG, et al. **Anesth Analg** 1984 Dec;63(12):1081–6

A comparison of fentanyl-O2 and sufentanil-O2 for cardiac anesthesia. Howie MB, et al. **Anesth Analg** 1985 Sep;64(9):877–87

Vecuronium infusion dose requirements during fentanyl and halothane anesthesia in humans. Swen J, et al. **Anesth Analg** 1985 Apr;64(4):411–4

Intravenous nitroglycerin dosage to prevent intraoperative myocardial ischemia during fentanyl-pancuronium anesthesia [letter] Shapira Y, et al. **Anesthesiology** 1985 Jul;63(1):121–3

Fentanyl 'anesthesia' in dogs [letter] Stanley TH, et al. **Anesthesiology** 1985 Jun;62(6):837–9

Failure of intravenous nitroglycerin to prevent intraoperative myocardial ischemia during fentanyl-pancuronium anesthesia. Thomson IR, et al. **Anesthesiology** 1984 Oct;61(4):385–93

Fentanyl and bupivacaine mixtures for extradural blockade. Rucci FS, et al. **Br J Anaesth** 1985 Mar;57(3):275–84

Comparison between high-dose sufentanil-oxygen and high-dose fentanyl-oxygen for neuroanaesthesia. Shupak RC, et al. **Br J Anaesth** 1985 Apr;57(4):375–81

Ventilatory effects of nitrous oxide during continuous infusion of fentanyl or alfentanil. Sinclair ME, et al. **Eur J Anaesthesiol** 1984 Dec;1(4):345–52

Conformationally restrained fentanyl analogues. 2. Synthesis and analgetic evaluation of perhydro-1,6-naphthyridin-2-ones. Borne RF, et al. **J Med Chem** 1984 Oct;27(10):1271–5

Fentanyl-nitrous oxide anesthesia in spinal cord injuries. Scafuro M, et al. **J Neurosurg Sci** 1984 Jul-Dec;28(3-4):233–5

Hemodynamic effects of diazepam-vecuronium-fentanyl sequence for induction of anesthesia for coronary artery surgery. Baraka A, et al. **Middle East J Anaesthesiol** 1984 Jun;7(5):337–46

[Combined prolonged venous anesthesia with radenarkon and fentanyl in operations on the abdominal cavity—a clinical study] Stoianov E, et al. **Khirurgiia (Sofiia)** 1984;37(6):433–7 (Eng. Abstr.) (Bul)

[Combined flunitrazepam-fentanyl and curare in emergency internal surgery] Barrois V, et al. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):25–8 (Fre)

[Anesthesia with flunitrazepam/fentanyl in the severe coronary patient. Hemodynamic study] Bastien O, et al. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):65–8 (Eng. Abstr.) (Fre)

[Peridural anesthesia and surgery of the spine] Debout J, et al. **Cah Anesthesiol** 1985 Apr-May;33(3):207–8 (Fre)

[Flunitrazepam-fentanyl for the intracavitary placement of pacemakers] Herbeau C, et al. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):69–73 (Eng. Abstr.) (Fre)

[Quantification of analgesia. Technical proposal] Neidhardt A, et al. **Cah Anesthesiol** 1985 Jan-Feb;33(1):29–30 (Fre)

[Fentanyl, pancuronium and nitrous oxide in high-risk orthopedic and traumatologic surgery] Tartière J, et al. **Cah Anesthesiol** 1985 Jan-Feb;33(1):51–4 (Fre)

[Suspension laryngoscopy using monitored diazepam-analgesia and a respiratory analeptic. Apropos of 150 cases] Mourot F, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(3):315–7 (Eng. Abstr.) (Fre)

[Clinical aspects of anesthesia with etomidate-fentanyl in the dog] Glardon O, et al. **Berl Munch Tierarztl Wochenschr** 1984 Nov 1;97(11):412–5 (Eng. Abstr.) (Ger)

[Use of small neuroleptanalgesia sub partu] Domke N, et al. **Zentralbl Gynakol** 1984;106(10):666–71 (Eng. Abstr.) (Ger)

[The effects of intravenous lidocaine on hemodynamics—comparisons among patients anesthetized with halothane, those with nitrous oxide-fentanyl, and the patients with acute pulmonary insufficiency] Dohi S, et al. **Masui** 1984 Jul;33(7):725–30 (Eng. Abstr.) (Jpn)

[Fentanyl anesthesia for the removal of pheochromocytoma] Katagai H, et al. **Masui** 1984 Oct;33(10):1141–5 (Eng. Abstr.) (Jpn)

[Fentanyl anesthesia and cardiac surgery: clinical report] Morita S, et al. **Masui** 1984 Jun;33(6):653–8 (Eng. Abstr.) (Jpn)

[Anesthesia with continuous fentanyl infusion for ischemic heart disease—hemodynamics and plasma catecholamine responses] Okutani R, et al. **Masui** 1984 Jul;33(7):767–73 (Eng. Abstr.) (Jpn)

[Ataractoanesthesia for removal of aldosterone producing tumor] Shirasaki S, et al. **Masui** 1984 Sep;33(9):1003–7 (Eng. Abstr.) (Jpn)

[Adequacy of ataralgesia in abdominal surgical procedures] Togalbaev AA, et al. **Anesteziol Reanimatol** 1984 Sep-Oct;(5):66–8 (Eng. Abstr.) (Rus)

[Epidural anesthesia using fentanyl as a method of surgical narcosis] Oleshchuk IE, et al. **Klin Khir** 1984 Dec;(12):40–1 (Rus)

[Comparative study of extradural fentanyl combined with etidocaine and bupivacaine in hip surgery] Bello Cámara P, et al. **Rev Esp Anestesiol Reanim** 1984 Jul-Aug;31(4):144–52 (Eng. Abstr.) (Spa)

[Diazanalgesia as an anesthetic technic in heart surgery with extracorporeal circulation] Gómez Herreras JI, et al. **Rev Esp Anestesiol Reanim** 1984 May-Jun;31(3):95–8 (Eng. Abstr.) (Spa)

ADMINISTRATION & DOSAGE

Hormonal response in thoracic surgery. Effects of high-dose fentanyl anesthesia, compared to halothane anesthesia. Sofianos E, et al. **Acta Anaesthesiol Belg** 1985 Jun;36(2):89–96

Intravenous sedation for the intubated and spontaneously breathing patient in the intensive care unit. Bird TM, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):640–3

Surgical stimulation during high-dose fentanyl anaesthesia: effects of dehydrobenzperidol on the haemodynamics and myocardial oxygenation. Heikkilä H, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):259–64

Midazolam as adjunct to high-dose fentanyl anaesthesia for coronary artery bypass grafting operation. Heikkilä H, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):683–9

Comparison of intramuscular analgesia, intercostal block, epidural morphine and on-demand-i.v.-fentanyl in the control of pain after upper abdominal surgery. Rosenberg PH, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):603–7

Midazolam versus fentanyl/droperidol and placebo as intramuscular premedicant. van Wijhe M, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):409–14

Fentanyl supplementation to inhalation anaesthesia. Ridley S. **Anaesthesia** 1984 Nov;39(11):1135–9

Anesthetic induction with fentanyl. Bailey PL, et al. **Anesth Analg** 1985 Jan;64(1):48–53

Comparison of the effects of 15 and 60 micrograms/kg fentanyl used for induction of anesthesia in patients with coronary artery disease. Bazaral MG, et al. **Anesth Analg** 1985 Mar;64(3):312–8

Computer-assisted continuous infusions of fentanyl during cardiac anesthesia: comparison with a manual method. Alvis JM, et al. **Anesthesiology** 1985 Jul;63(1):41–9

Clinical advantages of fentanyl given epidurally for postoperative analgesia. Lomessy A, et al. **Anesthesiology** 1984 Oct;61(4):466–9

Fentanyl by constant rate i.v. infusion for postoperative analgesia. Nimmo WS, et al. **Br J Anaesth** 1985 Mar;57(3):250–4

Computer-assisted continuous infusion of the intravenous analgesic fentanyl during general anesthesia—an interactive system. Alvis JM, et al. **IEEE Trans Biomed Eng** 1985 May;32(5):323–9

Transurethral resection of prostate with intravenous sedation. Lichtwardt JR, et al. **Urology** 1985 Aug;26(2):112–3

[Bupivacaine-fentanyl combination in obstetric epidural anesthesia. Apropos of 203 cases] Thounynck D, et al. **Agressologie** 1984 Oct;25(9):1025–8 (Eng. Abstr.) (Fre)

[Double-blind randomized clinical study of a droperidol-fentanyl combination] Bertrand JC, et al. **Cah Anesthesiol** 1984 Mar;32(3):225–7 (Eng. Abstr.) (Fre)

[Peridural obstetrical analgesia using an electronic syringe] Lavenac G, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(2):239–45 (Eng. Abstr.) (Fre)

[High dosage thalamonal/rohypnol for premedication (letter)] Höfling S. **Anaesthesist** 1985 May;34(5):261–4 (Ger)

[Bupivacaine and fentanyl mixture in epidural anesthesia] Rucci FS, et al. **Minerva Anestesiol** 1984 Jul-Aug;50(7-8):383–96 (Eng. Abstr.) (Ita)

[High-dose fentanyl anesthesia in a pregnant patient with Eisenmenger's syndrome] Ogura M, et al. **Masui** 1985 Feb;34(2):241–6 (Eng. Abstr.) (Jpn)

[The effect of moderate-dose fentanyl-N2O anesthesia on urinary catecholamine excretion during upper-abdominal surgery] Takino Y, et al. **Masui** 1984 Oct;33(10):1095–8 (Eng. Abstr.) (Jpn)

[General anesthesia with large doses of fentanyl in heart surgery] Tulbure TP, et al. **Anesteziol Reanimatol** 1985 Jan-Feb;(1):18–20 (Rus)

[Use of central analgesia in emergency abdominal operations] Koriachkin VA, et al. **Vestn Khir** 1985 Mar;134(3):107–9 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

Grand mal seizures following fentanyl-lidocaine [letter] Baraka A, et al. **Anesthesiology** 1985 Feb;62(2):206

Concerning the possible nature of reported fentanyl seizures [letter] Benthuysen JL, et al. **Anesthesiology** 1985 Feb;62(2):205

Isoflurane-fentanyl flush [letter] DesMarteau JK. **Anesthesiology** 1985 Jul;63(1):126

Nalbuphine antagonism of ventilatory depression following high-dose fentanyl anesthesia. Moldenhauer CC, et al. **Anesthesiology** 1985 May;62(5):647–50

Cardiovascular effects of ketamine given to relieve penile turgescence after high doses of fentanyl. Roy R. **Anesthesiology** 1984 Nov;61(5):610–3

Seizure-like movements during a fentanyl infusion with absence of seizure activity in a simultaneous EEG recording. Scott JC, et al. **Anesthesiology** 1985 Jun;62(6):812–4

Fentanyl and emesis [letter] Sosis M. **Can Anaesth Soc J** 1985 May;32(3 Pt 1):314–5

[Hormones of the pituitary-adrenal cortex system in patients under long-term sedation with etomidate and fentanyl] Kochs E, et al. **Anaesthesist** 1984 Sep;33(9):402–7 (Eng. Abstr.) (Ger)

[Hypertension during high dose fentanyl anesthesia for aorto-coronary bypass surgery] Horimoto Y, et al. **Masui** 1984 Jun;33(6):659–64 (Eng. Abstr.) (Jpn)

[The effects of high-dose fentanyl on cerebral circulation and metabolism in dogs] Tada T, et al. **Masui** 1984 Dec;33(12):1310–6 (Eng. Abstr.) (Jpn)

ANALOGS & DERIVATIVES

Etomidate and alfentanyl infusion for major surgery [letter] Gepts E, et al. **Acta Anaesthesiol Belg** 1984 Sep;35(3):246–7

Alfentanil combinations for induction and general anesthesia. Rating W, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:441–5

General anesthesia with etomidate, alfentanil and droperidol for caesarean section. Regaert P, et al. **Acta Anaesthesiol Belg** 1984 Sep;35(3):193–200

Alfentanil analgesia for surgical procedures of medium and long duration. van Leeuwen L, et al. **Acta Anaesthesiol Belg** 1984 Jun;35(2):123–9

Overview of the clinical pharmacokinetics of alfentanil. Van Peer A, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:261–3

Comparison of alfentanil and fentanyl as supplements to induction of anaesthesia with thiopentone. Hynynen M, et al. **Acta Anaesthesiol Scand** 1985 Feb;29(2):168–74

Hemodynamic effects of alfentanil in verapamil-treated dogs. Lehd Pedersen J, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):354–7

Haemodynamic effects of fentanyl or alfentanil as adjuvants to etomidate for induction of anaesthesia in cardiac patients. Spiss CK, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):554–6

A double blind comparison of alfentanil and fentanyl. Liberman H, et al. **Anaesth Intensive Care** 1985 Feb;13(1):5–11

Epidural sufentanil for postoperative pain relief. Donadoni R, et al. **Anaesthesia** 1985 Jul;40(7):634–8

A comparison of alfentanil, halothane and enflurane for day-case gynaecological surgery. Jellicoe JA. **Anaesthesia** 1985 Aug;40(8):810–2

Alfentanil and memory function. A comparison with fentanyl for day case termination of pregnancy. Kennedy DJ, et al. **Anaesthesia** 1985 Jun;40(6):537–40

Alfentanil in short procedures. A comparison with halothane using etomidate or methohexitone for induction of anaesthesia. Sanders RS, et al. **Anaesthesia** 1984 Dec;39(12):1202–6

Antagonism of fentanyl and alfentanil by intravenous plus subcutaneous naloxone. Pattern of ventilatory depression after a short procedure. Valgardsson A, et al. **Anaesthesia** 1985 Aug;40(8):772–6

Analgetic contribution of sufentanil during halothane anesthesia: a mechanism involving serotonin. Althaus JS, et al. **Anesth Analg** 1985 Sep;64(9):857–63

Comparison of fentanyl, sufentanil, and alfentanil anesthesia in patients undergoing valvular heart surgery. Bovill JG, et al. **Anesth Analg** 1984 Dec;63(12):1081–6

A comparison of fentanyl-O2 and sufentanil-O2 for cardiac anesthesia. Howie MB, et al. **Anesth Analg** 1985 Sep;64(9):877–87

Reduction in halothane MAC: comparison of morphine and alfentanil. Lake CL, et al. **Anesth Analg** 1985 Aug;64(8):807–10

Fentanyl and alfentanil suppress brainstem pain transmission.

Yuge O, et al. **Anesth Analg** 1985 Jun;64(6):597–600

The pharmacokinetics of sufentanil in surgical patients. Bovill JG, et al. **Anesthesiology** 1984 Nov;61(5):502–6

Alfentanil pharmacokinetics in patients with cirrhosis. Ferrier C, et al. **Anesthesiology** 1985 Apr;62(4):480–4

Postoperative rigidity following sufentanil administration. Goldberg M, et al. **Anesthesiology** 1985 Aug;63(2):199–201

Lipid solubility, pharmacokinetics, and the EEG: are you better off today than you were four years ago? Hug CC Jr. **Anesthesiology** 1985 Mar;62(3):221–6

Influence of sufentanil on cerebral metabolism and circulation in the rat. Keykhah MM, et al. **Anesthesiology** 1985 Sep;63(3):274–7

Hemodynamic and anesthetic effects of sufentanil as the sole anesthetic for pediatric cardiovascular surgery. Moore RA, et al. **Anesthesiology** 1985 Jun;62(6):725–31

Postsystolic shortening of canine left ventricle supplied by a stenotic coronary artery when nitrous oxide is added in the presence of narcotics. Philbin DM, et al. **Anesthesiology** 1985 Feb;62(2):166–74

EEG quantitation of narcotic effect: the comparative pharmacodynamics of fentanyl and alfentanil. Scott JC, et al. **Anesthesiology** 1985 Mar;62(3):234–41

Effects of sufentanil on regional cerebral glucose utilization in rats. Young ML, et al. **Anesthesiology** 1984 Nov;61(5):564–8

Clinical assessment and plasma pharmacokinetics associated with intramuscular or extradural alfentanil. Chauvin M, et al. **Br J Anaesth** 1985 Sep;57(9):886–91

Effect of alfentanil anaesthesia on the adrenocortical and hyperglycaemic response to abdominal surgery. Møller IW, et al. **Br J Anaesth** 1985 Jun;57(6):591–4

Comparison between high–dose sufentanil–oxygen and high–dose fentanyl–oxygen for neuroanaesthesia. Shupak RC, et al. **Br J Anaesth** 1985 Apr;57(4):375–81

Respiratory depression after alfentanil infusion [letter] **Br Med J [Clin Res]** 1985 Jan 26;290(6464):319

Respiratory depression after alfentanil infusion. Sebel RS, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1581–2

Use of a viewdata system to collect data from a multicentre clinical trial in anaesthesia. Waldron HA, et al. **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1059–61

Alfentanil as an adjunct to thiopentone and nitrous oxide in short surgical procedures. Dechène JP. **Can Anaesth Soc J** 1985 Jul;32(4):346–50

Clinical experience with alfentanil for induction of anaesthesia, a comparison with thiopentone. Palazzo MG, et al. **Can Anaesth Soc J** 1984 Sep;31(5):517–22

Ventilatory effects of nitrous oxide during continuous infusion of fentanyl or alfentanil. Sinclair ME, et al. **Eur J Anaesthesiol** 1984 Dec;1(4):345–52

Radiosynthesis of an opiate receptor binding radiotracer: [11C]carfentanil. Dannals RF, et al. **Int J Appl Radiat Isot** 1985 Apr;36(4):303–6

Pharmacokinetic data analysis of alfentanil after multiple injections and etomidate–infusion in patients undergoing orthopedic surgery. Richter O, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jan;23(1):11–5

Use of alfentanil in short anaesthetic procedures. Collins KM, et al. **J R Soc Med** 1985 Jun;78(6):456–8

Carfentanil and xylazine for immobilization of moose (Alces alces) on Isle Royale. Seal US, et al. **J Wildl Dis** 1985 Jan;21(1):48–51

Postoperative analgesia with intravenous infusion of alfentanil [letter] Andrews CJ, et al. **Lancet** 1985 Sep 21;2(8456):671

Sufentanil—a new opioid anesthetic. **Med Lett Drugs Ther** 1984 Nov 23;26(675):106

Chloroacryloyl amides and alpha–methylenelactones from naltrexone, oxymorphone and fentanyl. Archer S, et al. **Neuropeptides** 1985 Feb;5(4–6):395–8

Probes for narcotic receptor mediated phenomena. 10. Irreversible ligands to opioid receptors based on biologically potent endoethenooripavines. Reversible binding of fit to mu and delta opioid receptors. Lessor RA, et al. **Neuropeptides** 1984 Dec;5(1–3):229–32

Evidence that the delta–selective alkylating agent, fit, alters the mu–noncompetitive opiate delta binding site. Rothman RB, et al. **Neuropeptides** 1985 Jun;6(3):227–37

Opiate receptors in brain labelled in vivo with [3H]lofentanil. Laduron PM, et al. **Neuropharmacology** 1985 Jul;24(7):617–20

Use of carfentanil and a ketamine–xylazine mixture to immobilise wild grey seals (Halichoerus grypus). Baker JR, et al. **Vet Rec** 1985 Feb 23;116(8):208–10

[Analgesic activity and toxicity of potent analgesics, ohmefentanyl and mefentanyl] Huang ZM, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Sep;5(3):153–8 (Eng. Abstr.) (Chi)

[Studies on potent analgesics. V. Synthesis and analgesic activity of the ester derivatives of N–(1–(2–hydroxy–2–phenylethyl)–3–methyl–4–piperidyl)–amide (7302)] Fang SN, et al. **Yao Hsueh Hsueh Pao** 1983 Nov;18(11):823–8 (Eng. Abstr.) (Chi)

[Contribution of alfentanyl in anesthesia with althesin by continuous flow infusion. A study of 200 cases in neuroradiology] Bidabe AM, et al. **Agressologie** 1984 May;25(6):703–7 (Eng. Abstr.) (Fre)

[A new technic for protection in surgical stress] Carrasco MS, et al. **Agressologie** 1985 Mar;26(3):271–4 (Eng. Abstr.) (Fre)

[Endocrine and metabolic changes induced in surgery by the combination of ketamerin and alfentanyl] Carrasco MS, et al. **Agressologie** 1985 Jun;26(7):605–7 (Eng. Abstr.) (Fre)

[Anesthesiologic experiences with an alfentanyl bolus technic in neurosurgical interventions] Krumholz W, et al. **Anaesthesist** 1984 Aug;33(8):356–9 (Eng. Abstr.) (Ger)

[Alfentanil in routine clinical use. A study of 50 patients] Löffler B. **Anaesthesist** 1985 Jan;34(1):32–6 (Eng. Abstr.) (Ger)

[Alfentanil for neuroleptanesthesia in short operations] Schockenhoff B, et al. **Anaesthesist** 1985 Jan;34(1):28–31 (Eng. Abstr.) (Ger)

[Comparative studies of short–term anesthesia with alfentanil/etomidate and alphaxalone/alphadolone in cats] Ittner J, et al. **Tierarztl Prax** 1985;Suppl 1:132–6 (Eng. Abstr.) (Ger)

ANTAGONISTS & INHIBITORS

Antagonism of fentanyl and alfentanil by intravenous plus subcutaneous naloxone. Pattern of ventilatory depression after a short procedure. Valgardsson A, et al. **Anaesthesia** 1985 Aug;40(8):772–6

Aminophylline antagonism of the residual effects of fentanyl anesthesia [letter] Wang MD, et al. **Anesth Analg** 1985 Oct;64(10):1034

A benzodiazepine antagonist inhibits the cerebral metabolic and respiratory depressant effects of fentanyl. Naughton N, et al. **Life Sci** 1985 Jun 10;36(23):2239–45

BLOOD

Sequestration of fentanyl by the cardiopulmonary bypass (CPBP). Koren G, et al. **Eur J Clin Pharmacol** 1984;27(1):51–6

DIAGNOSTIC USE

Diagnostic epidural opioid blockade and chronic pain: preliminary report. Cherry DA, et al. **Pain** 1985 Feb;21(2):143–52

METABOLISM

Effects of furosemide on the plasma and urinary concentrations and the excretion of fentanyl: model for the study of drug interaction in the horse. Soma LR, et al. **Am J Vet Res** 1984 Sep;45(9):1743–9

Clinical actions of fentanyl and buprenorphine. The significance of receptor binding. Boas RA, et al. **Br J Anaesth** 1985 Feb;57(2):192–6

Pharmacokinetics of fentanyl in children with renal disease. Koren G, et al. **Res Commun Chem Pathol Pharmacol** 1984 Dec;46(3):371–9

PHARMACODYNAMICS

Serum levels of cortisol in man during etomidate, fentanyl and air anesthesia, compared with neurolept anesthesia. Boidin MP. **Acta Anaesthesiol Belg** 1985 Jun;36(2):79–87

CBF and CMRO2 during continuous etomidate infusion supplemented with N2O and fentanyl in patients with supratentorial cerebral tumour. A dose–response study. Cold GE, et al. **Acta Anaesthesiol Scand** 1985 Jul;29(5):490–4

The effect of high–dose fentanyl anaesthesia on P50 in man. Damen J, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):256–8

Haemodynamics and myocardial oxygenation during anaesthesia for coronary artery surgery: comparison between enflurane and high–dose fentanyl anaesthesia. Heikkilä H, et al. **Acta Anaesthesiol Scand** 1985 Jul;29(5):457–64

Haemodynamic effects of fentanyl or alfentanil as adjuvants to etomidate for induction of anaesthesia in cardiac patients. Spiss CK, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):554–6

Effects of fentanyl citrate and droperidol on electroencephalographic findings in dogs. Katherman AE, et al. **Am J Vet Res** 1985 Apr;46(4):974–6

Alfentanil and memory function. A comparison with fentanyl for day case termination of pregnancy. Kennedy DJ, et al. **Anaesthesia** 1985 Jun;40(6):537–40

Effects of halothane and fentanyl anesthesia on plasma beta–endorphin immunoreactivity during cardiac surgery. Cork RC, et al. **Anesth Analg** 1985 Jul;64(7):677–80

Pulmonary and systemic hemodynamic responses to fentanyl in infants. Hickey PR, et al. **Anesth Analg** 1985 May;64(5):483–6

Effects of low–dose morphine and fentanyl infusions on urinary and plasma catecholamine concentrations during scoliosis surgery. Pathak KS, et al. **Anesth Analg** 1985 May;64(5):509–14

Influence of fentanyl and morphine on intestinal circulation. Tverskoy M, et al. **Anesth Analg** 1985 Jun;64(6):577–84

Fentanyl and alfentanil suppress brainstem pain transmission. Yuge O, et al. **Anesth Analg** 1985 Jun;64(6):597–600

Fentanyl's analgesic, respiratory, and cardiovascular actions in relation to dose and plasma concentration in unanesthetized dogs. Arndt JO, et al. **Anesthesiology** 1984 Oct;61(4):355–61

Acute tolerance to fentanyl during anesthesia in dogs. Askitopoulou H, et al. **Anesthesiology** 1985 Sep;63(3):255–61

Comparison of histamine release in human skin mast cells induced by morphine, fentanyl, and oxymorphone. Hermens JM, et al. **Anesthesiology** 1985 Feb;62(2):124–9

Lipid solubility, pharmacokinetics, and the EEG: are you better off today than you were four years ago? Hug CC Jr. **Anesthesiology** 1985 Mar;62(3):221–6

Reserpine–induced changes in anesthetic action of fentanyl. Kissin I, et al. **Anesthesiology** 1985 May;62(5):597–600

Effects of enflurane, isoflurane, and nitrous oxide on somatosensory evoked potentials during fentanyl anesthesia. McPherson RW, et al. **Anesthesiology** 1985 May;62(5):626–33

Postsystolic shortening of canine left ventricle supplied by a stenotic coronary artery when nitrous oxide is added in the presence of narcotics. Philbin DM, et al. **Anesthesiology** 1985 Feb;62(2):166–74

Cardiovascular and pharmacodynamic effects of high–dose fentanyl in newborn piglets. Schieber RA, et al. **Anesthesiology** 1985 Aug;63(2):166–71

EEG quantitation of narcotic effect: the comparative pharmacodynamics of fentanyl and alfentanil. Scott JC, et al. **Anesthesiology** 1985 Mar;62(3):234–41

Effect of anaesthesia on fentanyl–induced changes in human intracholedochal pressure. Tigerstedt I, et al. **Ann Clin Res** 1984;16(4):204–10

Fentanyl, Na–pentobarbital and halothane influence myocardial infarct size. Mergner GW, et al. **Basic Res Cardiol** 1985 May–Jun;80(3):291–302

Effect of volatile anaesthetics and nitrous oxide–fentanyl anaesthesia on bleeding time. Fyman PN, et al. **Br J Anaesth** 1984 Nov;56(11):1197–200

Myocardial metabolism and haemodynamic responses during high–dose fentanyl anaesthesia for coronary patients. Moffit EA, et al. **Can Anaesth Soc J** 1984 Nov;31(6):611–8

High–dose fentanyl for rapid induction of anaesthesia in patients with coronary artery disease. Murkin JM, et al. **Can Anaesth Soc J** 1985 Jul;32(4):320–5

The effect of immobilizing drugs on adrenal responsiveness to ACTH in Rusa deer. Van Mourik S, et al. **Comp Biochem Physiol [C]** 1984;78(2):467–71

Effects of fentanyl on a bradykinin–induced excitatory cardiac reflex in the anaesthetized rat. Vetterlein F, et al. **Eur J Pharmacol** 1984 Sep 17;104(3–4):345–9

Dose–related effects of fentanyl on autonomic and behavioral responses in performance horses. Kamerling SG, et al. **Gen Pharmacol** 1985;16(3):253–8

Central nervous system opiate and 5–hydroxytryptamine influences on baroreflex control of the coronary circulation. Moore PG, et al. **J Auton Nerv Syst** 1985 Feb–Mar;12(2–3):185–94

Multiple sites for the cardiovascular actions of fentanyl in rats. Gautret B, et al. **J Cardiovasc Pharmacol** 1985 Jul–Aug;7(4):649–52

Dose–dependent influence of fentanyl on prolactin, growth hormone, and mood. Hoehe M, et al. **Neuropeptides** 1984 Dec;5(1–3):269–72

The effect of fentanyl on the lick/chew response in rabbits. Myers DE, et al. **Neuropeptides** 1985 Feb;5(4–6):407–10

Effect of fentanyl and naloxone on the P300 auditory potential. Velasco M, et al. **Neuropharmacology** 1984 Aug;23(8):931–8

In vivo modulation of intestinal motility and sites of opioid effects in the rat. Ruckebusch Y, et al. **Regul Pept** 1984 Sep;9(1–2):109–17

Presynaptic stimulation of dopaminergic CNS structures in sheep as a mechanism of immobilising action of Immobyl (fentanyl + azaperone). Kania BF. **Res Vet Sci** 1985 Mar;38(2):179–83

[Effects of high doses of pethidine and fentanyl on hemodynamics in the dog] Avril G, et al. **Cah Anesthesiol** 1984 Jan–Feb;32(1):15–9 (Fre)

[Effects of fentanyl on the plasma concentrations of beta–endorphin and ACTH in pediatric surgery] Merli C, et al. **Minerva Anestesiol** 1984 Nov;50(11):539–45 (Eng. Abstr.) (Ita)

[Effects of fentanyl and morphine on hemodynamics and metabolism of rat heart after ischemia] Kumazawa T, et al. **Masui** 1985 Apr;34(4):423–8 (Eng. Abstr.) (Jpn)

[The study on the effect of spinal function in NLA—as an index of the change in unit activities on lamina V type cells] Nagasaka H. **Masui** 1985 Mar;34(3):280–5 (Eng. Abstr.) (Jpn)

[Effect of the separate and combined use of fentanyl and droperidol on animal sensitivity to hypoxia] Volynskii BG, et al. **Patol Fiziol Eksp Ter** 1985 May–Jun;(3):71–3 (Eng. Abstr.) (Rus)

[The role of changes in the antioxidative activity and phospholipid composition of the rat liver in the mechanism of phenazepam action on the liver and the protective effect of talamonal] Molochkina EM, et al. **Vopr Med Khim** 1985 May–Jun;31(3):17–21 (Eng. Abstr.) (Rus)

[Endorphinergic repercussions of anesthetic premedication] Miralles FS, et al. **Rev Esp Anestesiol Reanim** 1984 Nov–Dec;31(6):229–30 (Eng. Abstr.) (Spa)

[Effect of fentanyl on lymphocyte mitogenesis. In vitro study] Pacheco M, et al. **Rev Esp Anestesiol Reanim** 1984 Jul–Aug;31(4):137–40 (Eng. Abstr.) (Spa)

[Effect of type II neuroleptanalgesia on T and B lymphocytes] Pacheco M, et al. **Rev Esp Anestesiol Reanim** 1984 Nov–Dec;31(6):225–8 (Eng. Abstr.) (Spa)

[Effect of administration of high doses of fentanyl on ADH secretion] Rodriguez del Rio JM, et al.

Rev Esp Anestesiol Reanim 1985 May-Jun;32(3):107-12 (Eng. Abstr.) (Spa)

POISONING

A death from fentanyl overdose. Garriott JC, et al. **J Anal Toxicol** 1984 Nov-Dec;8(6):288-9

THERAPEUTIC USE

Adverse effects of pancuronium during high-dose fentanyl anesthesia for coronary artery bypass grafting. Thomson IR, et al. **Anesthesiology** 1985 Jun;62(6):708-13

[Alleviation by fentanyl of the cardiocirculatory effects related to intubation] Cantele F, et al. **Cah Anesthesiol** 1982 Nov;30(7):885-91 (Fre)

[High-dose thalamonal-rohypnol for premedication. A randomized double-blind study] Tolksdorf W, et al. **Anaesthesist** 1984 Oct;33(10):489-92 (Eng. Abstr.) (Ger)

[Effect of neuroleptanalgesia agents on the collateral coronary circulation and systemic hemodynamics in acute myocardial ischemia] Iakushev MP, et al. **Farmakol Toksikol** 1984 Jul-Aug;47(4):59-62 (Eng. Abstr.) (Rus)

TOXICITY

Fentanyl does not inhibit fertilization or early development of sea urchin eggs. Bruce DL, et al. **Anesth Analg** 1985 May;64(5):498-500

FENTHION

Evaluation of controlled release formulations of mosquito larvicides. Kalyanasundaram M, et al. **Indian J Med Res** 1984 Dec;80:649-52

ADVERSE EFFECTS

Asthma due to insecticide sensitivity. Bryant DH. **Aust NZ J Med** 1985 Feb;15(1):66-8

Neurologic findings among workers exposed to fenthion in a veterinary hospital—Georgia. **MMWR** 1985 Jul 5; 34(26):402-3

ANTAGONISTS & INHIBITORS

Correction of organophosphate-induced neuromuscular blockade by diphenhydramine. Clemmons RM, et al. **Am J Vet Res** 1984 Oct;45(10):2167-9

TOXICITY

Potentiation of acute toxicity of 2-sec-butylphenyl N-methylcarbamate (BPMC) by fenthion in mice. Miyaoka T, et al. **Fundam Appl Toxicol** 1984 Oct;4(5):802-7

FENTOLAMIN see **PHENTOLAMINE**

FEP see **POLYTETRAFLUOROETHYLENE**

FERMENTATION

Selection of a beta-amylase-producing strain and its fermentation conditions. He BW, et al. **Ann NY Acad Sci** 1984;434:275-7

Fermentation of cellodextrins by cellulolytic and noncellulolytic rumen bacteria. Russell JB. **Appl Environ Microbiol** 1985 Mar;49(3):572-6

Fermented milks: new developments in the biochemistry of the starter cultures. Marshall VM. **Biochem Soc Trans** 1984 Dec;12(6):1150-2

Fermentation process and products—3. Aminoacids by bacteria. Joshi SS, et al. **Hindustan Antibiot Bull** 1984 Aug-Nov;26(3-4):117-37

Fermentation: process and production 4. Subrahmanyam A, et al. **Hindustan Antibiot Bull** 1984 Aug-Nov; 26(3-4):145-58

Chaetiacandin, a novel papulacandin. I. Fermentation, isolation and characterization. Komori T, et al. **J Antibiot (Tokyo)** 1985 Apr;38(4):455-9

New 5'-nucleotidase inhibitors, melanocidin A and melanocidin B. I. Taxonomy, fermentation, isolation and biological properties. Ogawara H, et al. **J Antibiot (Tokyo)** 1985 May;38(5):587-91

Oxetin, a new antimetabolite from an actinomycete. Fermentation, isolation, structure and biological activity. Omura S, et al. **J Antibiot (Tokyo)** 1984 Nov;37(11):1324-32

Metabolic products from microorganisms. 230. Amiclenomycin-peptides, new antimetabolites of biotin. Taxonomy, fermentation and biological properties. Poetsch M, et al. **J Antibiot (Tokyo)** 1965 Mar;38(3):312-20

Novel antitumor antibiotics, CI-940 (PD 114,720) and PD 114,721. Taxonomy, fermentation and biological activity. Tunac JB, et al. **J Antibiot (Tokyo)** 1985 Apr;38(4):460-5

Fermentation mechanism of fucose and rhamnose in Salmonella typhimurium and Klebsiella pneumoniae. Badia J, et al. **J Bacteriol** 1985 Jan;161(1):435-7

Regulation of nitrogen fixation in Rhodospirillum rubrum grown under dark, fermentative conditions. Schultz JE, et al. **J Bacteriol** 1985 Jun;162(3):1322-4

Intragastrointestinal alcohol fermentation syndrome: report of two cases and review of the literature. Kaji H, et al. **J Forensic Sci Soc** 1984 Sep-Oct;24(5):461-71

Fermentation of glycerol by the flora of immature dental plaque, before and after rinsing with a mineralising solution containing urea and glycerol. Gallagher IH, et al. **NZ Dent J** 1985 Jan;81(363):20-2

[Parasite egg development during methane fermentation] Tsanov TsS, et al. **Vet Med Nauki** 1985;22(4):58-62 (Eng. Abstr.) (Bul)

[Comparative evaluation of several noninstrumental methods of determining fats in the fermentation media in manufacturing antibiotics] Dimov NP. **Antibiot Med Biotekhnol** 1985 Apr;30(4):275-7 (Eng. Abstr.) (Rus)

[Lipid composition of Fusarium sambucinum grown in a fermenter on media with different carbon sources] Ievleva NR, et al. **Mikrobiologiia** 1984 Jul-Aug;53(4):628-32 (Eng. Abstr.) (Rus)

[Mucin: a probable endogenous substrate of intestinal fermentation] Barúa RL, et al. **Acta Gastroenterol Latinoam** 1984;14(4):279-83 (Eng. Abstr.) (Spa)

DRUG EFFECTS

Changes in metabolism of the rumen bacterium Streptococcus bovis H13/1 resulting from alteration in dilution rate and glucose supply per unit time. Silley P, et al. **J Appl Bacteriol** 1984 Oct;57(2):345-53

Effects of three benzimidazole anthelmintics on the ruminal fermentation ability of sheep. Jara W, et al. **Vet Rec** 1984 Dec 1;115(22):565-6

FERREDOXIN-NADP REDUCTASE see under **NADH, NADPH OXIDOREDUCTASES**

FERREDOXINS

Azotobacter chroococcum 7Fe ferredoxin. Two pH-dependent forms of the reduced 3Fe clusters and its conversion to a 4Fe cluster. George SJ, et al. **Biochem J** 1984 Nov 15;224(1):247-51

Quarter field resonance and integer-spin/half-spin interaction in the EPR of Thermus thermophilus ferredoxin. Possible new fingerprints for three iron clusters. Hagen WR, et al. **Biochim Biophys Acta** 1985 Apr 29; 828(3):369-74

A simple and novel interpretation of the three-dimensional structure of globular proteins based on quantum-mechanical computations on small model molecules. I. Peters D, et al. **Biopolymers** 1985 Mar; 24(3):491-508

Crystallization and preliminary x-ray diffraction study of the 3-Fe ferredoxin II from the bacterium Desulfovibrio gigas. Sieker LC, et al. **J Mol Biol** 1984 Oct 15;179(1):151-5

[Hydratation of the rubredoxin polypeptide chain from data on the spatial structure] Chirgadze IuN, et al. **Mol Biol (Mosk)** 1984 Jul-Aug;18(4):994-1000 (Eng. Abstr.) (Rus)

ANALYSIS

The amino acid sequence of a high-redox-potential ferredoxin from the purple phototrophic bacterium, Rhodospirillum tenue strain 2761. Tedro SM, et al. **Arch Biochem Biophys** 1985 May 15;239(1):94-101

Differential levels of ferredoxin and rubredoxin in Clostridium acetobutylicum. Marczak R, et al. **Biochimie** 1985 Feb;67(2):241-8

The importance of quantitative Mössbauer spectroscopy of MoFe-protein from Azotobacter vinelandii. Dunham WR, et al. **Eur J Biochem** 1985 Feb 1;146(3):497-501

Amino acid sequence of a ferredoxin from thermoacidophilic archaebacterium, Sulfolobus acidocaldarius. Presence of an N6-monomethyllysine and phyletic consideration of archaebacteria. Minami Y, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):745-53

Amino acid sequence of the [4Fe-4S] ferredoxin isolated from Desulfovibrio desulfuricans Norway. Bruschi MH, et al. **J Biol Chem** 1985 Jul 15;260(14):8292-6

[4Fe-4S]-cluster-depleted Azotobacter vinelandii ferredoxin I: a new 3Fe iron-sulfur protein. Stephens PJ, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5661-5

[Localization of the FeMo-cofactor in the active center of nitrogenase] Levchenko LA, et al. **Dokl Akad Nauk SSSR** 1984;277(4):1003-5 (Rus)

BIOSYNTHESIS

Enzymic synthesis of the 4Fe-4S clusters of Clostridium pasteurianum ferredoxin. Bonomi F, et al. **Eur J Biochem** 1985 Apr 1;148(1):67-73

BLOOD

Biosynthesis of iron-molybdenum cofactor in the absence of nitrogenase. Ugalde RA, et al. **J Bacteriol** 1984 Sep; 159(3):888-93

GENETICS

Molecular basis of biological nitrogen fixation. Orme-Johnson WH. **Annu Rev Biophys Biophys Chem** 1985;14:419-59 (164 ref.)

The plant ferredoxin precursor: nucleotide sequence of a full length cDNA clone. Smeekens S, et al. **Nucleic Acids Res** 1985 May 10;13(9):3179-94

Cloning and nucleotide sequence determination of the Clostridium pasteurianum ferredoxin gene. Graves MC, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1653-7

IMMUNOLOGY

Abrogation and reconstitution of nonresponsiveness: a correlation with high network connectivity. Singhai R, et al. **Eur J Immunol** 1985 May;15(5):526-9

Immune response to ferredoxin; nonresponder status is not due to suppression. Sikora LK, et al. **J Immunol** 1984 Dec; 133(6):2898-903

ISOLATION & PURIFICATION

Chromatographic seperation of extruded iron-sulfur cores from the apoproteins of Clostridium pasteurianum and spinach ferredoxins in aqueous Triton X-100/urea. Bonomi F, et al. **Anal Biochem** 1984 Oct;142(1):226-31

Isolation and characterization of soluble cytochromes, ferredoxins and other chromophoric proteins from the halophilic phototrophic bacterium Ectothiorhodospira halophila. Meyer TE. **Biochim Biophys Acta** 1985 Jan 23; 806(1):175-83

Purification, amino-acid sequence and some properties of the ferredoxin isolated from Bacillus acidocaldarius. Schlatter D, et al. **Biol Chem Hoppe Seyler** 1985 Mar;366(3):223-31

Electron microscopy of the Mo-Fe-protein from Azotobacter vinelandii nitrogenase. Tsuprun VL, et al. **Eur J Biochem** 1985 Jun 3;149(2):389-92

Ferredoxins from the photosynthetic purple non-sulfur bacterium Rhodopseudomonas palustris. Isolation and amino acid sequence of ferredoxin I. Minami Y, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):585-92

Purification and properties of ferredoxinTOL. A component of toluene dioxygenase from Pseudomonas putida F1. Subramanian V, et al. **J Biol Chem** 1985 Feb 25; 260(4):2355-63

[The C27-steroid hydroxylating system from bovine liver mitochondria. Isolation of ferredoxin (hepatoredoxin) by affinity chromatography on cytochrome-c-sepharose] Shkumatov VM, et al. **Bioorg Khim** 1983 Sep;9(9):1231-6 (Eng. Abstr.) (Rus)

METABOLISM

Role of the phosphoroclastic reaction of Clostridium pasteurianum in the reduction of metronidazole. Lockerby DL, et al. **Antimicrob Agents Chemother** 1985 May; 27(5):863-7

Ferredoxin-linked reduction of metronidazole in Clostridium pasteurianum. Lockerby DL, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):665-9

Preliminary 1H-NMR studies of the interaction between cytochrome c3 and ferredoxin I from Desulfovibrio desulfuricans Norway. Guerlesquin F, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1102-8

Copper facilitated chemiluminescence from the sulfhydryl proteins: yeast alcohol dehydrogenase, spinach ferredoxin and metallothionein. Wong KH, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):425-30

The inactive MoFe protein (NifB-Kp1) of the nitrogenase from nifB mutants of Klebsiella pneumoniae. Its interaction with FeMo-cofactor and the properties of the active MoFe protein formed. Hawkes TR, et al. **Biochem J** 1984 Nov 1;223(3):783-92

Circular dichroism and redox properties of high redox potential ferredoxins. Przysiecki CT, et al. **Biochemistry** 1985 May 7;24(10):2542-9

Selective oxidative destruction of iron-sulfur clusters. Ferricyanide oxidation of Azotobacter vinelandii ferredoxin I. Morgan TV, et al. **FEBS Lett** 1985 Apr 22; 183(2):206-10

Artificial electron transport mediated by trinitrophenyl groups introduced into protein molecules by means of chemical modification. Sakihama N, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):371-5

Kinetics of reduction of Clostridium pasteurianum rubredoxin by laser photoreduced spinach ferredoxin:NADP+ reductase and free flavins. Electron transfer within a protein-protein complex. Przysiecki CT, et al. **J Biol Chem** 1985 Feb 10;260(3):1452-8

Inhibition of iron-molybdenum cofactor binding to component I of nitrogenase. Shah VK, et al. **J Biol Chem** 1985 Apr 10;260(7):3891-4

Enzymatic reduction of synthetic polymer-bound hemin derivatives: efficient method to prepare a heme-oxygen adduct in cooled aqueous medium. Uotani N, et al. **J Inorg Biochem** 1984 Oct;22(2):85-9

PHARMACODYNAMICS

Inactivation of Escherichia coli glutamine synthetase by xanthine oxidase, nicotinate hydroxylase, horseradish peroxidase, or glucose oxidase: effects of ferredoxin, putidaredoxin, and menadione. Stadtman ER, et al. **Arch Biochem Biophys** 1985 Jun;239(2):379-87

FERRETS see under **CARNIVORA**

FERRIC COMPOUNDS see under **IRON**

FERRICHROME see under **HYDROXAMIC ACIDS**

FERRICYANIDES

Sodium nitroprusside, pregnancy and multiple intracranial aneurysms. Willoughby JS. **Anaesth Intensive Care** 1984 Nov;12(4):358–60

Sodium nitroprusside, pregnancy and multiple intracranial aneurysms. Willoughby JS. **Anaesth Intensive Care** 1984 Nov;12(4):351–7 (74 ref.)

Electrical activity of the cerebral cortex during induced hypotension in man. A comparison of sodium nitroprusside and trimetaphan. Thomas WA, et al. **Br J Anaesth** 1985 Feb;57(2):134–41

Systemic and carotid haemodynamics and plasma renin activity during deliberate hypotension in dogs: a comparison of sodium nitroprusside with nicergoline. Pinaud ML, et al. **Eur J Anaesthesiol** 1984 Mar;1(1):21–9

[Controlled hypotension induced by sodium nitroprusside in orthopedic surgery on the spine] Salvati C, et al. **Minerva Anestesiol** 1984 May;50(5):183–6 (Eng. Abstr.) (Ita)

ADMINISTRATION & DOSAGE

Comparative acute hemodynamic effects of intravenous sodium nitroprusside and MDL–17,043, a new inotropic drug with vasodilator effects, in refractory congestive heart failure. Amin DK, et al. **Am Heart J** 1985 May;109(5 Pt 1):1006–12

Computer–controlled regulation of sodium nitroprusside infusion. Meline LJ, et al. **Anesth Analg** 1985 Jan;64(1):38–42

The antidotal action of thiosulfate following acute nitroprusside infusion in dogs. Vesey CJ, et al. **Anesthesiology** 1985 Apr;62(4):415–21

Hemodynamic equivalence of automated nitroglycerin– and nitroprusside–infusions combined with dobutamine for augmentation of cardiac output in patients following aorta coronary bypass–operation. Pomer S, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Nov;22(11):602–7

Management of postcardiotomy hypertension by microcomputer–controlled administration of sodium nitroprusside. de Asla RA, et al. **J Thorac Cardiovasc Surg** 1985 Jan;89(1):115–20

[Combined high doses of dopamine and nitroprusside in the treatment of cardiogenic shock] Jakobsen CJ, et al. **Ugeskr Laeger** 1984 Aug 27;146(35):2628–9 (Eng. Abstr.) (Dan)

[Our experience with the treatment of cardiogenic shock in recent myocardial infarction with dopamine and sodium nitroprusside] Korewicki J, et al. **Kardiol Pol** 1984;27(5):345–51 (Eng. Abstr.) (Pol)

[Effect of intraperitoneal administration of furosemide and sodium nitroprusside on the elimination of water, sodium and potassium during peritoneal dialysis] Grzegorzewska A, et al. **Pol Arch Med Wewn** 1984 May;71(5):281–91 (Eng. Abstr.) (Pol)

ADVERSE EFFECTS

Evaluation of potential adverse effects of sodium nitroprusside during pacing–induced myocardial ischaemia in man. Ihlen H, et al. **Eur Heart J** 1984 Oct;5(10):834–41

Hypotensive acute cardiopulmonary edema. Varriale P, et al. **RI Med J** 1985 May;68(5):215–8

[Microcirculation in the brain during controlled arterial hypotension. Experimental study of the effect of nipruton] Blinkov SM, et al. **Zh Vopr Neirokhir** 1985 Jul–Aug;(3):22–5 (Eng. Abstr.) (Rus)

ANALYSIS

Flow injection amperometric determination of nitroprusside at a glassy carbon electrode and at a sessile mercury drop electrode. Fogg AG, et al. **Analyst** 1985 Apr;110(4):345–8

In vitro study of the effect of selected drugs used in carrier intravenous lines on sodium nitroprusside delivery. Matthew D, et al. **Heart Lung** 1984 Nov;13(6):645–9

Two methods for monitoring the photodecomposition of sodium nitroprusside in aqueous and glucose solutions. Hartley TF, et al. **J Pharm Sci** 1985 Jun;74(6):668–71

Nitroprusside, antihypertensive drug and analytical reagent. Review of (photo)stability, pharmacology and analytical properties. Leeuwenkamp OR, et al. **Pharm Weekbl [Sci]** 1984 Aug 24;6(4):129–40 (103 ref.)

Specific cation effect in the reaction of nitroprusside with cysteine, acetophenone and sulfite (Legal and Boedeker reaction). Leeuwenkamp OR, et al. **Pharm Weekbl [Sci]** 1984 Oct 19;6(5):195–202

ANTAGONISTS & INHIBITORS

Propranolol prevents hemodynamic and humoral events after abrupt withdrawal of nitroprusside. Fahmy NR, et al. **Clin Pharmacol Ther** 1984 Oct;36(4):470–7

Effect of cyanide on nitrovasodilator–induced relaxation, cyclic GMP accumulation and guanylate cyclase activation in rat aorta. Rapoport RM, et al. **Eur J Pharmacol** 1984 Sep 3;104(1–2):61–70

DIAGNOSTIC USE

[Comparison between non–invasive indices and myocardial contractility] Malavasi A, et al. **Cardiologia** 1984 May–Jun;29(5–6):301–10 (Eng. Abstr.) (Ita)

METABOLISM

Transmembrane ferricyanide reduction in carrot cells. Barr R, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):49–54

Effect of hypothermic cardiopulmonary bypass on nitroprusside metabolism. Moore RA, et al. **Clin Pharmacol Ther** 1985 Jun;37(6):680–3

Selective oxidative destruction of iron–sulfur clusters. Ferricyanide oxidation of Azotobacter vinelandii ferredoxin I. Morgan TV, et al. **FEBS Lett** 1985 Apr 22;183(2):206–10

Purification and properties of a novel ferricyanide–linked xanthine dehydrogenase from Pseudomonas putida 40. Woolfolk CA. **J Bacteriol** 1985 Aug;163(2):600–9

Importance of local positive charges on cytochrome f for electron transfer to plastocyanin and potassium ferricyanide. Takenaka K, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1813–21

Properties of a transplasma membrane electron transport system in HeLa cells. Sun IL, et al. **J Bioenerg Biomembr** 1984 Dec;16(5–6):583–95

Temperature dependent release of cyanide from sodium nitroprusside. Tanaka T, et al. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):201–6

PHARMACODYNAMICS

Renin release during controlled hypotension with sodium nitroprusside, nitroglycerin and adenosine: a comparative study in the dog. Lagerkranser M, et al. **Acta Anaesthesiol Scand** 1985 Jan;29(1):45–9

Acute hemodynamic effects of nitroprusside in children with isolated mitral regurgitation. Nakano H, et al. **Am J Cardiol** 1985 Aug 1;56(4):351–5

Effects of vasodilators on canine cardiopulmonary function when a decrease in cardiac output complicates an increase in right ventricular afterload. Ghignone M, et al. **Am Rev Respir Dis** 1985 Apr;131(4):527–30

Regional blood flows during induced hypotension produced by nitroprusside or trimethaphan in the rhesus monkey. Sivarajan M, et al. **Anesth Analg** 1985 Aug;64(8):759–66

Aminophylline potentiates sodium nitroprusside–induced hypotension in the dog. Pearl RG, et al. **Anesthesiology** 1984 Dec;61(6):712–5

Effectiveness of sodium nitroprusside as a function of total peripheral resistance in the anesthetized dog. Voss GI, et al. **Anesthesiology** 1985 Feb;62(2):130–4

A comparison of nitroglycerin and nitroprusside: II. The effects of volume loading. Fremes SE, et al. **Ann Thorac Surg** 1985 Jan;39(1):61–7

Effects of drug–induced changes in resting blood pressure on classically conditioned heart rate and blood pressure in restrained rats. Fitzgerald RD, et al. **Behav Neurosci** 1984 Oct;98(5):820–9

Cyclic GMP–dependent protein kinase activation in canine tracheal smooth muscle by methacholine and sodium nitroprusside. Fiscus RR, et al. **Biochim Biophys Acta** 1984 Dec 11;805(4):382–92

Age–related changes in the sensitivity to verapamil and sodium nitroprusside of vascular smooth muscle of rabbit aorta. Karaki H, et al. **Br J Pharmacol** 1985 May;85(1):223–8

Effect of sodium–potassium pump inhibitors and membrane–depolarizing agents on sodium nitroprusside–induced relaxation and cyclic guanosine monophosphate accumulation in rat aorta. Rapoport RM, et al. **Circ Res** 1985 Jul;57(1):164–70

Contribution of beta–adrenergic receptor mediated renin release to the maintenance of blood pressure during nitroprusside infusion in conscious rats. Bush EN, et al. **Clin Exp Hypertens [A]** 1984;6(12):2161–72

Nitroprusside vs. a nitroprusside–trimethaphan mixture for induced hypotension: hemodynamic effects and cyanide release. Fahmy NR. **Clin Pharmacol Ther** 1985 Mar;37(3):264–70

Transcutaneous PO2 monitoring during sodium nitroprusside infusion. Tremper KK, et al. **Crit Care Med** 1985 Feb;13(2):65–7

Transmembrane redox in control of cell growth. Stimulation of HeLa cell growth by ferricyanide and insulin. Sun IL, et al. **Exp Cell Res** 1985 Feb;156(2):528–36

Inotropic, vascular and neuroendocrine effects of nifedipine in heart failure: comparison with nitroprusside. Fifer MA, et al. **J Am Coll Cardiol** 1985 Mar;5(3):731–7

Direct effects of nitroprusside do not alter gas exchange in canine oleic acid edema. Angle M, et al. **J Appl Physiol** 1984 Nov;57(5):1498–501

Inhibition of superoxide dismutase by nitroprusside and electron spin resonance observations on the formation of a superoxide–mediated nitroprusside nitroxyl free radical. Misra HP. **J Biol Chem** 1984 Oct 25;259(20):12678–84

Effects of nitroprusside and D 600 on norepinephrine– and KCl–stimulated Ca++ activation and contraction systems in canine renal vein as compared to canine renal artery. Hester RK, et al. **J Cardiovasc Pharmacol** 1984 Sep–Oct;6(5):762–71

Age and blood pressure determine vasodepressor response to sodium nitroprusside. Irvine NA, et al. **J Cardiovasc Pharmacol** 1984 Sep–Oct;6(5):816–21

Endothelium–dependent and nitrovasodilator–induced activation of cyclic GMP–dependent protein kinase in rat aorta. Fiscus RR, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1983–84;9(6):415–25

Effect of local infusion of ouabain on human forearm vascular resistance and on response to potassium, verapamil and sodium nitroprusside. Robinson BF, et al. **J Hypertens** 1983 Aug;1(2):165–9

Some actions of sodium nitroprusside and glyceryl trinitrate on guinea–pig isolated trachealis muscle. Kishen R, et al. **J Pharm Pharmacol** 1985 Jul;37(7):502–4

Possible mechanisms of inhibitory action of sodium nitroprusside on histamine–induced contractile responses in isolated rabbit aorta compared with basilar artery and taenia coli. Ohashi M, et al. **Jpn J Pharmacol** 1985 Feb;37(2):189–95

Effects of nitroprusside, glyceryl trinitrate, and 8–bromo cyclic GMP on phosphorylase a formation and myosin light chain phosphorylation in rat aorta. Johnson RM, et al. **Mol Pharmacol** 1985 Mar;27(3):333–42

Stimulating and potentiating effects of sodium nitroprusside on the guinea–pig vas deferens and their comparison with the effects on the portal vein and the taenia coli. Sunano S. **Nippon Heikatsukin Gakkai Zasshi** 1984 Feb;20(1):25–33

The effects of sodium nitroprusside on the phasic and tonic contraction of the potassium contracture of the smooth muscle of guinea–pig vas deferens and portal vein. Sunano S. **Nippon Heikatsukin Gakkai Zasshi** 1984 Feb;20(1):35–44

Nitroprusside (NP) on post–ischemic acute renal failure. Satta A, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr;48(1):137–40

Different effects of nitroglycerin and nitroprusside on myocardial blood flow and metabolism. Ihlen H. **Scand J Clin Lab Invest [Suppl]** 1984;173:75–9

[Hemodynamic effects of the combination Maniprus (mannitol and naniprus) via venous infusion] Iakimova K, et al. **Eksp Med Morfol** 1985;24(1):20–3 (Eng. Abstr.) (Bul)

[effect of manniprus (mannitol and naniprus) on the blood pressure of rats] Klouchek E, et al. **Eksp Med Morfol** 1984;23(4):222–5 (Eng. Abstr.) (Bul)

[Plasma renin activity and prostaglandin E2 in hypotension induced by sodium nitroprusside] Blanloeil Y, et al. **Ann Fr Anesth Reanim** 1985;4(1):9–13 (Eng. Abstr.) (Fre)

[Sodium nitroprusside in hypothermic surgery under extracorporeal circulation] Karam J, et al. **Cah Anesthesiol** 1984 Oct;32(6):473–80 (Eng. Abstr.) (Fre)

[Hemodynamic effects of sodium nitroprusside in infants and children with congenital heart diseases] Ueda K. **Kokyu To Junkan** 1985 Mar;33(3):333–8 (Eng. Abstr.) (Jpn)

[Effects of serotonin, phenoxybenzamine, sodium nitroprusside and nitroglycerin on pulmonary capillary blood flow in dogs] Masuda J. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug;22(8):650–8 (Eng. Abstr.) (Jpn)

THERAPEUTIC USE

The topical use of sodium nitroprusside for relief of intraoperative arterial spasm. Mathews WS, et al. **Anesthesiology** 1984 Dec;61(6):776–7

Effect of nitroprusside on wave reflections in patients with heart failure. Brin KP, et al. **Ann Biomed Eng** 1984;12(2):135–50

A comparison of nitroglycerin and nitroprusside: I. Treatment of postoperative hypertension. Fremes SE, et al. **Ann Thorac Surg** 1985 Jan;39(1):53–60

Blood cyanide and thiocyanate concentrations produced by long–term therapy with sodium nitroprusside. Vesey CJ, et al. **Br J Anaesth** 1985 Feb;57(2):148–55

Hemodynamic advantage of combined administration of oral ibopamine and nitroprusside in patients with ischemic and idiopathic congestive cardiomyopathy. Dei Cas L, et al. **Clin Cardiol** 1985 Aug;8(8):427–32

Hemodynamic effects of vasodilators on pulmonary hypertension in decompensated chronic obstructive pulmonary disease. Cerdá E, et al. **Crit Care Med** 1985 Apr;13(4):221–3

IV nitroglycerin vs. nitroprusside treatment of myocardial ischemia [letter] Sarvotham SS, et al. **Crit Care Med** 1985 Mar;13(3):212–3

Effect of sodium nitroprusside on ventilation–perfusion mismatching in heart failure. Bencowitz HZ, et al. **J Am Coll Cardiol** 1984 Nov;4(5):918–22

Use of sodium nitroprusside in neonates: efficacy and safety. Benitz WE, et al. **J Pediatr** 1985 Jan;106(1):102–10

The effects of sodium nitroprusside on blood flow and oxygen delivery to the organs of the hypoxemic newborn lamb. Mirro R, et al. **Pediatr Res** 1985 Jan;19(1):15–8

[The treatment of a patient with ergotism] Kerker JP, et al. **Ned Tijdschr Geneeskd** 1984 Oct 6;128(40):1901–4 (Eng. Abstr.) (Dut)

[Effects of a sodium nitroprusside–dobutamine combination in left cardiac failure] Moore N, et al. **Therapie** 1985 Mar–Apr;40(2):99–103 (Eng. Abstr.) (Fre)

[Effect of sodium nitroprusside and nitroglycerin on the resistance and capacitance system in cardiac surgery interventions] Hausdorf G, et al. **Z Kardiol** 1984 Aug;73(8):530–7 (Eng. Abstr.) (Ger)

[Use of sodium nitroprusside in the treatment of eclampsia] Nardi G, et al. **Minerva Anestesiol** 1984 Dec;50(12):655–61 (Eng. Abstr.) (Ita)

[Intra–arterial infusion of SNP for peripheral ischemia caused by acute ergotism] Kaji T, et al. **Rinsho Hoshasen** 1985 May;30(5):629–32 (Eng. Abstr.) (Jpn)

[The use of peripheral vasodilators in the immediate postoperative period following cardiac surgery:

comparative study of the effects of dianhydrosorbitol dinitrate and sodium nitroprusside] Fortuna AB, et al. **Arq Bras Cardiol** 1981 Oct;37(4):335-9 (Eng. Abstr.) (Por)

[Effect of nitroprusside, nitroglycerin, propranolol and mannitol on the size of a myocardial infarct] Orlov VN, et al. **Kardiologiia** 1985 Apr;25(4):17-20 (Eng. Abstr.) (Rus)

[Controlled hypotension with sodium nitroprusside in orthopedic injury operations] Shlapak IP, et al. **Klin Khir** 1984 Dec;(12):12-4 (Eng. Abstr.) (Rus)

[Use of nipride in patients with acute myocardial infarction with rupture of the interventricular septum] Ershova NV, et al. **Klin Med (Mosk)** 1984 Aug;62(8):132-4 (Rus)

TOXICITY

Circulatory effects of haemorrhage during sodium nitroprusside induced hypotension. A study in the rat. Gustafson C, et al. **Acta Anaesthesiol Scand** 1985 Jul;29(5):502-7

FERRICYTOCHROME C see CYTOCHROME C

FERRIHEMOGLOBIN see METHEMOGLOBIN

FERRIHEMOPROTEIN P-450 REDUCTASE see NADPH CYTOCHROME C REDUCTASE

FERRITIN

Hydrogen-tritium exchange by apoferritin and ferritin. Collawn JF Jr, et al. **Arch Biochem Biophys** 1985 Jul;240(1):242-5

Incorporation of chemically modified (hydrophobized) ferritin in liposomal membranes: electron microscopic studies. Ladhoff AM, et al. **Biomed Biochim Acta** 1984;43(7):963-9

Electron microscopic studies of human haemosiderin and ferritin. Weir MP, et al. **J Clin Pathol** 1985 Aug;38(8):915-8

ANALOGS & DERIVATIVES

The location of antigenic sites on ferritin molecules. Addison JM, et al. **FEBS Lett** 1984 Oct 1;175(2):333-6

Iron deposition in apoferritin. Evidence for the formation of a mixed valence binuclear iron complex. Chasteen ND, et al. **J Biol Chem** 1985 Mar 10;260(5):2926-9

The translational mobility of substances within the cytoplasmic matrix. Jacobson K, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6747-51

ANALYSIS

A ferritin-containing cell type in the stria vascularis of the mouse inner ear. Santos-Sacchi J, et al. **Acta Otolaryngol (Stockh)** 1985 Jul-Aug;100(1-2):26-32

Isolation and fractionation of ferritin from human term placenta—a source for human isoferritins. Konijn AM, et al. **Anal Biochem** 1985 Feb 1;144(2):423-8

The microheterogeneity of human liver and serum ferritins measured on minute amounts of ferritin in crude samples. Zuyderhoudt FM, et al. **Ann Clin Biochem** 1984 Nov;21 (Pt 6):471-6

Frequency of intratubular germ cell neoplasia with invasive testicular germ cell tumors. Histologic and immunocytochemical features. Coffin CM, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):555-9

Molecular size heterogeneity of ferritin in mouse liver. Massover WH. **Biochim Biophys Acta** 1985 Jul 1;829(3):377-86

Electron spin resonance studies of splenic ferritin and haemosiderin. Weir MP, et al. **Biochim Biophys Acta** 1985 Apr 29;828(3):298-305

An initial test of a method for the estimation of real mean particle size from shadowed samples. Willison JH. **Can J Microbiol** 1985 Jul;31(7):604-7

Immunohistochemical ferritin in testicular seminoma. Cohen C, et al. **Cancer** 1984 Nov 15;54(10):2190-4

The distribution of ferritin subunit types in porcine tissues. Collawn JF Jr, et al. **Comp Biochem Physiol [B]** 1984;78(3):653-6

Ferritin and lysozyme distribution in normal and abnormal duodenal mucosae. Shousha S, et al. **Dig Dis Sci** 1985 Jul;30(7):630-6

Structural homology between mouse liver and horse spleen ferritins. Rice DW, et al. **FEBS Lett** 1985 Feb 11;181(1):165-8

Correlations between iron content and isoferritin profiles of normal and malignant tissues. Niitsu Y, et al. **Gann** 1984 Aug;75(8):699-702

CEA and ferritin in chronic pancreatic disease: a comparative evaluation. Fabris C, et al. **Hepatogastroenterology** 1985 Jun;32(3):146-8

Iron and phosphorus content of rabbit liver ferritin fractions with different subunit composition. Frenkel EJ, et al. **Int J Biochem** 1985;17(3):421-4

Structure and immunochemistry of isoferritins. Arosio P, et al. **Ital J Biochem** 1984 Jul-Aug;33(4):275A-277A

Evidence for two nonidentical subunits of bacterioferritin from Azotobacter vinelandii. Harker AR, et al. **J Bacteriol** 1985 May;162(2):651-5

Characteristics of a specific radioimmunoassay for measurement of ferritin on the surface of peripheral mononuclear white blood cells in cancer patients. Bluestein BI, et al. **J Immunoassay** 1984;5(3-4):159-82

Ferritin deposition in the glomerular deposits of focal glomerular sclerosis in the rat. Melcion C, et al. **J Pathol** 1984 Sep;144(1):45-55

A simple method for assaying rat tissue ferritin. Setsuda T. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):155-8

Iron overload and lysosomal stability in beta zero-thalassaemia intermedia and trait: correlation between serum ferritin and serum N-acetyl-beta-D-glucosaminidase levels. Frigerio R, et al. **Scand J Haematol** 1984 Sep;33(3):252-5

Serum ferritin in Danish children and adolescents. Milman N, et al. **Scand J Haematol** 1984 Sep;33(3):260-6

Synovial fluid ferritin in rheumatic diseases. Milman N, et al. **Scand J Rheumatol** 1985;14(1):33-6

[Significance of ferritin determination in pleural effusions and ascitic fluid] Yu SY. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1985 Feb;8(1):28-30, 61 (Eng. Abstr.) (Chi)

[Concentrations of carcinoembryonic antigen and ferritin in pleural and ascitic effusion of various origins (letter)] Stabellini G, et al. **Gastroenterol Clin Biol** 1985 Jun-Jul;9(6-7):543-5 (Fre)

[Ferritin, CEA and TPA as tumor markers in breast neoplasms] Bonanni F, et al. **Minerva Med** 1985 Sep 15;76(34-35):1533-4 (Eng. Abstr.) (Ita)

[Association of ferritin with the CEA test in post-operative monitoring of colo-rectal, breast and stomach carcinomas] Fanciullacci A, et al. **Quad Sclavo Diagn** 1984 Dec;20(4):355-63 (Eng. Abstr.) (Ita)

[Comparison of biochemical characteristics between human liver and spleen ferritin] Nishi M. **Nippon Ika Daigaku Zasshi** 1985 Apr;52(2):165-77 (Eng. Abstr.) (Jpn)

BIOSYNTHESIS

Molecular mechanisms regulating the synthesis of transferrin receptors and ferritin in human erythroleukemic cell lines. Louache F, et al. **FEBS Lett** 1985 Apr 22;183(2):223-7

[Effect of a single dose of iron on ferritin synthesis in isolated rat hepatocytes] Suzuki E. **Nippon Ika Daigaku Zasshi** 1984 Aug;51(4):473-81 (Eng. Abstr.) (Jpn)

BLOOD

Endocrine involvement in children with beta-thalassemia major. Transverse and longitudinal studies. I. Pituitary-thyroidal axis function and its correlation with serum ferritin levels. Cavallo L, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):49-53

Liver affection in iron overload studied with serum ferritin and serum aminotransferases. Olsson KS, et al. **Acta Med Scand** 1985;217(1):79-84

Iron stores in users of oral contraceptive agents. Frassinelli-Gunderson EP, et al. **Am J Clin Nutr** 1985 Apr;41(4):703-12

A study of serum ferritin in beta thalassemia. Iron deficiency and overload. Saraya AK, et al. **Am J Clin Pathol** 1985 Jul;84(1):103-7

Interaction between a serum factor and T lymphocytes in Gaucher disease. Bassan R, et al. **Am J Hematol** 1985 Apr;18(4):381-4

Changes in cellular ferritin content during myeloid differentiation of human leukemic cell lines. Fibach E, et al. **Am J Hematol** 1985 Feb;18(2):143-51

Concentration-dependent sedimentation properties of ferritin: implications for estimation of iron contents of serum ferritins. Niitsu Y, et al. **Am J Hematol** 1985 Apr;18(4):363-71

Monitoring of intensive phlebotomy therapy in iron overload by serum ferritin assay. van Oost BA, et al. **Am J Hematol** 1985 Jan;18(1):7-12

Improved sensitivity in homogeneous enzyme immunoassays using a fluorogenic macromolecular substrate: an assay for serum ferritin. Armenta R, et al. **Anal Biochem** 1985 Apr;146(1):211-9

Camera luminometer for use with luminescent assays. Bunce RA, et al. **Analyst** 1985 Jun;110(6):657-63

Iron overload in thalassaemic patients in Hong Kong. Tso SC, et al. **Ann Acad Med Singapore** 1984 Jul;13(3):487-90

Iron deficiency in a Northern Thai population: the effects of iron supplements studied by means of plasma ferritin estimations. Linpisarn S, et al. **Ann Clin Biochem** 1984 Jul;21 (Pt 4):268-74

A single-step immunoradiometric assay for the measurement of serum ferritin. Perera P, et al. **Ann Clin Biochem** 1984 Sep;21 (Pt 5):389-92

Antigen binding in the two-site immunoradiometric assay for serum ferritin: the nature of the hook effect. Perera P, et al. **Ann Clin Biochem** 1984 Sep;21 (Pt 5):393-7

Changes in serum ferritin and other 'acute phase' proteins following major surgery. Rubin C, et al. **Ann Clin Biochem** 1984 Jul;21 (Pt 4):290-4

Effects of iron supplementation on serum ferritin and other hematological indices of iron status in menstruating women. Hercberg S, et al. **Ann Nutr Metab** 1985;29(4):232-8

Source of serum ferritin in malaria [letter] Oppenheimer SJ, et al. **Ann Trop Paediatr** 1984 Dec;4(4):251

Body iron reserves of rural and urban Guatemalan women of reproductive age. Franzetti S, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):69-82

Mobilization of ferritin iron in erythroblasts by chelating agents. Grasso JA, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):109-18

Ferritin in erythrocytes and plasma of patients with iron overload. Bodemann HH, et al. **Blut** 1985 Jul;51(1):25-31

The effect of acute liver damage on circulating ferritin levels in vivo and in the isolated perfused rat liver. Mack U, et al. **Br J Exp Pathol** 1985 Apr;66(2):185-91

Red cell ferritin content: a re-evaluation of indices for iron deficiency in the anaemia of rheumatoid arthritis. Davidson A, et al. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):648-50

Diagnostic efficacy of screening tests for hereditary hemochromatosis. Borwein S, et al. **Can Med Assoc J** 1984 Oct 15;131(8):895-901

Ferritin in neuroblastoma. Impact of tumor load and blood transfusions. Potaznik D, et al. **Cancer Invest** 1985;3(4):327-38

Prognostic importance of serum ferritin in patients with Stages III and IV neuroblastoma: the Childrens Cancer Study Group experience. Hann HW, et al. **Cancer Res** 1985 Jun;45(6):2843-8

Measurement of ferritin in serum: application in diagnostic use. van Oost BA, et al. **Clin Biochem** 1984 Aug;17(4):263-9

Short-term changes in iron, ferritin, total iron-binding capacity, and transferrin in serum after myocardial infarction [letter] Finlayson J, et al. **Clin Chem** 1985 May;31(5):782-3

Detecting iron deficiency by serum tests [letter] Lorier MA, et al. **Clin Chem** 1985 Feb;31(2):337-8

Determination of serum ferritin by a one-step immunoenzymoassay, and comparison of four liver-ferritin standards. Revenant MC, et al. **Clin Chem** 1985 Apr;31(4):640-2

A biotin-avidin enzyme immunoassay for the quantitation of serum ferritin. Lee M, et al. **Clin Chim Acta** 1985 Apr 15;147(2):109-16

Plasma ferritin in old age. Influence of biological and pathological factors in a large elderly population. Touitou Y, et al. **Clin Chim Acta** 1985 Jun 30;149(1):37-45

Two-site immunochemiluminometric assay for serum ferritin. Weeks I, et al. **Clin Chim Acta** 1984 Aug 31;141(2-3):275-80

Diagnostic value of serum ferritin in primary hepatocellular carcinoma. Giannoulis E, et al. **Digestion** 1984;30(4):236-41

Stability of serum ferritin in healthy subjects. Ulvik RJ. **Haematologia (Budap)** 1984;17(4):433-8

Iron depletion and blood lead levels in a population with endemic lead poisoning. Hershko C, et al. **Isr J Med Sci** 1984 Nov;20(11):1039-43

Serum ferritin as a marker of thyroid hormone action on peripheral tissues. Takamatsu J, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):672-6

Erythrocyte ferritin concentration in patients with myelodysplastic syndromes [letter] Peters SW, et al. **J Clin Pathol** 1985 Jan;38(1):113-4

Clinical usefulness of serum ferritin measurements in lung cancer patients. Volpino P, et al. **J Nucl Med Allied Sci** 1984 Jan-Mar;28(1):27-30

Serum ferritin as a guide for iron stores in chronic hemodialysis patients. Van de Vyver FL, et al. **Kidney Int** 1984 Oct;26(4):451-8

Ferritin, iron and total iron-binding capacity of the serum from Holstein young steers in prolonged undernutrition. Furugouri K. **Nippon Juigaku Zasshi** 1984 Dec;46(6):859-65

Serum ferritin concentration of dairy bulls: determinations by radioimmunoassay and enzyme immunoassay. Miyata Y, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):783-9

Serum ferritin and non-Hodgkin's lymphoma. Ohnishi K, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):1012-6

Combined evaluation of serum ribonuclease and ferritin: any advantages in pancreatic cancer diagnosis? Fabris C, et al. **Oncology** 1984;41(6):393-5

Clinical usefulness of serum ferritin measurements in patients with testicular germ cell tumors. Szymendera JJ, et al. **Oncology** 1985;42(4):253-8

Serum ferritin concentration in malignant lymphomas. Sacchi S, et al. **Panminerva Med** 1985 Jan-Mar;27(1):29-31

Basic ferritin content of red cells of patients with anemia and polycythemia vera. Van der Weyden MB, et al. **Pathology** 1984 Oct;16(4):419-23

Serum ferritin as a prognostic indicator in neuroblastoma: biological effects of isoferritins. Hann HW, et al. **Prog Clin Biol Res** 1985;175:331-45

Evaluation of heart isoferritins in serum using specific monoclonal antibodies. Cavanna F, et al. **Ric Clin Lab** 1984 Jul-Sep;14(3):337-40

Effects of heavy alcohol consumption on serum ferritin concentrations. Meyer TE, et al. **S Afr Med J** 1984 Oct 13;66(15):573-5

A comparison between serum ferritin concentration and the amount of bone marrow stainable iron. Harju E, et al. **Scand J Clin Lab Invest** 1984 Oct;44(6):555-6

Red cell basic ferritin content of patients with megaloblastic anaemia due to vitamin B12 or folate deficiency. van der Weyden MB, et al. **Scand J Haematol** 1984 Oct;33(4):373-7

Ferritin metabolism and the liver. Halliday JW, et al. **Semin Liver Dis** 1984 Aug;4(3):207-16 (122 ref.)

Ferritin levels in patients with microcytic anaemia complicating pulmonary tuberculosis. Henderson A. **Tubercle** 1984 Sep;65(3):185-9

Serum ferritin and total iron-binding capacity to estimate iron storage in pigs. Smith JE, et al. **Vet Pathol** 1984 Nov;

21(6):597-600

[Mass investigation of serum ferritin] Yu RQ. **Chung Hua Nei Ko Tsa Chih** 1984 Apr;23(4):226-8 (Eng. Abstr.) (Chi)

[Breath-holding spell syndrome of functional disorder—a study of serum ferritin and erythrocyte acetylcholinesterase] Hu YM. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Oct, 17(5):287-9 (Eng. Abstr.) (Chi)

[Does the ferritin level have a practical value in chronically hemodialized patients?] Kopf A, et al. **Nephrologie** 1984; 5(2):77-81 (Eng. Abstr.) (Fre)

[Iron overload in a beta thalassemia heterozygote of the intermediate type in a subject of Alsation origin. Results of iron chelation treatment] North ML, et al. **Nouv Rev Fr Hematol** 1984;26(5):317-21 (Eng. Abstr.) (Fre)

[Does blood ferritin permit diagnosis of iron deficiency in Basedow's disease? (letter)] Rynier JC, et al. **Presse Med** 1984 Oct 27;13(38):2327 (Fre)

[Association of serum tumor markers in solid neoplasms (CEA, ferritin, alpha 1-antitrypsin, parathormone and calcitonin)] Di Martino G, et al. **Boll Ist Sieroter Milan** 1982;61(5):411-22 (Eng. Abstr.) (Ita)

[Serum levels of ferritin in 268 children] Scaglioni S, et al. **Minerva Pediatr** 1984 Jul 31;36(13-14):681-4 (Eng. Abstr.) (Ita)

[Determination of human serum ferritin by latex immunoassay] Merlini G, et al. **Ric Clin Lab** 1984;14 Suppl 2:95-7 (Ita)

[Fundamental and clinical evaluations of magnetic ferritin RIA kit (Corning)] Suzuki Y, et al. **Kaku Igaku** 1985 Feb; 22(2):275-80 (Jpn)

[Fundamental and clinical evaluation of measuring plasma ferritin levels by a magnetic ferritin kit] Chida R, et al. **Radioisotopes** 1985 Feb;34(2):87-90 (Jpn)

[Serum ferritin determination by means of radioimmunoassay technic—rapid improved method and normal reference value] Kimiyama H, et al. **Radioisotopes** 1985 Feb; 34(2):91-4 (Jpn)

[Fundamental and clinical evaluation of a magnetic ferritin kit] Kousaka T, et al. **Radioisotopes** 1984 Dec;33(12):883-6 (Jpn)

[The measurement of serum ferritin by radioimmunoassay methods—the evaluation of a magnetic ferritin kit] Mitsuma T, et al. **Radioisotopes** 1984 Nov;33(11):804-7 (Jpn)

[Changes in serum ferritin levels in normal pregnancy] Skalba P, et al. **Ginekol Pol** 1984 Apr;55(4):263-7 (Eng. Abstr.) (Pol)

[Expression of surface markers of lymphocytes and their relation to suppressor function in lymphogranulomatosis] Tabegari DZ, et al. **Eksp Onkol** 1985;7(2):60-4 (Eng. Abstr.) (Rus)

[Changes in immunochemical properties of serum ferritin after its post-translation modification with glucose in patients with diabetes mellitus] Andreeva AP, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):23-5 (Eng. Abstr.) (Rus)

[Tumor markers in breast cancer] Polevaia EB, et al. **Sov Med** 1985;(3):25-9 (Eng. Abstr.) (Rus)

[Carcino-embryonic antigen and ferritin during the treatment of patients with primary and metastatic cancer of the liver] Roshchin EM, et al. **Vestn Akad Med Nauk SSSR** 1984; (10):78-81 (Eng. Abstr.) (Rus)

[Serum levels of 4 tumor-associated antigens in the evaluation of the spread of breast carcinoma] Stefanović L, et al. **Med Pregl** 1984;37(3-4):107-12 (Eng. Abstr.) (Ser)

[Serum ferritin in acute myocardial infarction] Camps C, et al. **Rev Esp Cardiol** 1985 May-Jun;38(3):177-9 (Eng. Abstr.) (Spa)

[Iron stores in a healthy adult population in Chile] Grebe G, et al. **Rev Med Chil** 1984 Sep;112(9):884-92 (Eng. Abstr.) (Spa)

[Serum ferritin and other biological parameters as indicators of tumor activity in Hodgkin's disease] Hermosa V, et al. **Sangre (Barc)** 1985;30(2):154-8 (Eng. Abstr.) (Spa)

CEREBROSPINAL FLUID

Ferritin concentration in cerebrospinal fluid. Fehling C, et al. **Acta Neurol Scand** 1985 Jun;71(6):510-2

DIAGNOSTIC USE

The glomerular mesangium: kinetics using radiolabeled ferritin and the effects of aggregated IgG. Borges HF, et al. **Clin Immunol Immunopathol** 1984 Oct;33(1):80-6

Labeling of articular cartilage surface with cationized ferritin: aged human normal and osteoarthritic cartilage. Stanescu R, et al. **J Orthop Res** 1984;2(2):151-60

[Antigenic structure of Salmonella L forms studied by an immunoferritin method] Prozorovskil SV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):24-6 (Eng. Abstr.) (Rus)

GENETICS

Assignment of human ferritin genes to chromosomes 11 and 19q13.3——19qter. Worwood M, et al. **Hum Genet** 1985; 69(4):371-4

Structure of human ferritin light subunit messenger RNA: comparison with heavy subunit message and functional implications. Dörner MH, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3139-43

IMMUNOLOGY

A unidirectional carrier effect. Kohno Y, et al. **Cell Immunol** 1985 May;92(2):226-34

Preparation and characterization of monoclonal antibodies specific to placenta ferritin. Moroz C, et al. **Clin Chim Acta** 1985 May 30;148(2):111-8

Immunoferritin electron microscopic studies with antibasophil serum of guinea pig basophil degranulation and regranulation in vitro. Dvorak AM, et al. **Clin Immunol Immunopathol** 1985 Oct;37(1):63-76

Optimal conditions for the preparation of ferritin-labeled antibodies defined by binding to their antigen in an ELISA. Rauterberg EW, et al. **Immunobiology** 1984 May; 166(4-5):439-45

Comparison of beta-D-galactosidase from Escherichia coli and horseradish peroxidase as labels of anti-human ferritin Fab' by sandwich enzyme immunoassay technique. Imagawa M, et al. **J Biochem (Tokyo)** 1984 Sep; 96(3):659-64

Pathogenesis of chronic inflammation in experimental ferritin-induced arthritis. V. Electron microscopic localization of specific antibodies in the synovial membrane. Sakata T, et al. **J Orthop Res** 1984;2(4):346-55

Isolation of model soluble immune complexes in the fluid phase by monoclonal anti-IgG-ferritin antibodies. Knutson DW, et al. **Scand J Immunol** 1985 Jan;21(1):1-9

ISOLATION & PURIFICATION

Preparation, characterization and storage of human ferritin for use as a standard for the assay of serum ferritin. International Committee for Standardization in Haematology (Expert Panel on Iron). **Clin Lab Haematol** 1984;6(2):177-91

Isolation, purification and characterization of bovine spleen ferritin. Cetinkaya N, et al. **Comp Biochem Physiol [B]** 1985; 80(4):773-8

Isoferritins from tumorous and non-tumorous human liver. Asakawa H, et al. **Gann** 1985 Feb;76(2):95-8

Isolation of ferritin from human hepatocellular carcinoma. Whittaker D, et al. **Scand J Haematol** 1984 Nov;33(5):432-9

Preliminary crystallographic studies on bacterioferritin from Azotobacter vinelandii. Zhao BG, et al. **Sci Sin [B]** 1984 Oct;27(10):1002-7

METABOLISM

The distribution of concanavalin A- and cationized ferritin-binding sites on plasma membrane of human platelet and the changes of these sites in cells responding to adenosine diphosphate. Yotsumoto S. **Acta Pathol Jpn** 1984 Sep;34(5):1115-36

The role of transferrin and ferritin in the fetal-maternal-placental unit. Okuyama T, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):344-50

Effect of plasma proteins on endothelial binding and vesicle loading of anionized ferritin in rabbit aorta. Baldwin AL, et al. **Arteriosclerosis** 1985 Sep-Oct;5(5):451-8

Regulation of aortic endothelial vesicular uptake of cationized ferritin by plasmalemmal binding. Baldwin AL, et al. **Atherosclerosis** 1985 May;55(2):233-45

Some comments on the relationship between mammalian ferritins and the complex non-haem-iron-containing bacterial cytochromes b557.5 [letter] Moore GR. **Biochem J** 1985 Apr 1;227(1):341-2

Ferritin in liver, plasma and bile of the iron-loaded rat. Zuyderhoudt FM, et al. **Biochim Biophys Acta** 1985 Mar 8;835(3):381-6

Enhancement of glomerular permeability to anionic ferritin induced by kidney perfusion with collagenase. Schaeverbeke J, et al. **Biol Cell** 1985;53(2):179-85

Mucosal iron binding proteins and the inhibition of iron absorption by endotoxin. El-Shobaki F, et al. **Blut** 1985 Feb;50(2):95-101

Blood leucocyte infiltration after intravenous injection of ferritin in the rat. Laohapand T, et al. **Br J Exp Pathol** 1985 Aug;66(4):475-82

Release of ferrous iron from ferritin by liver microsomes: a possible role in the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin. Rowley B, et al. **Can J Biochem Cell Biol** 1984 Dec;62(12):1293-300

Uptake and transport of ferritin in the epithelium of carp (Cyprinus carpio L.) and the possible immunological implications. Rombout JH, et al. **Cell Biol Int Rep** 1985 Jun;9(6):516

Endocytosis of cationized ferritin in human peripheral blood by resting T-lymphocytes. Renau-Piqueras J, et al. **Cell Tissue Res** 1985;240(3):743-6

Morphological evidence for the transfer of anionic macromolecules from the interior of the eye to the blood stream. Raviola G, et al. **Curr Eye Res** 1985 Apr; 4(4):503-16

Ferritin: an interim review. Jacobs A. **Curr Top Hematol** 1985;5:25-62 (179 ref.)

Luteinizing hormone (LH) receptor aggregation: modification of ferritin-LH binding and aggregation by prostaglandin F2 alpha and ferritin-LH. Luborsky JL, et al. **Endocrinology** 1984 Dec;115(6):2217-26

Transfer of ferritin-bound iron to adriamycin. Demant EJ. **FEBS Lett** 1984 Oct 15;176(1):97-100

Ferritin and superoxide-dependent lipid peroxidation. Thomas CE, et al. **J Biol Chem** 1985 Mar 25;260(6):3275-80

Pleural fluid ferritin concentrations in human disease. Klockars M, et al. **J Clin Pathol** 1985 Jul;38(7):818-24

Lectin-ferritin binding on dystrophic and normal retinal pigment epithelial membranes. McLaughlin BJ, et al. **J Neurocytol** 1984 Jun;13(3):467-80

Compounds which mediate gallium-67 transfer from lactoferrin to ferritin. Weiner RE, et al. **J Nucl Med** 1985 Aug;26(8):908-16

Immunohistochemical investigation of lysozyme, lactoferrin, alpha 1-antitrypsin, alpha 1-antichymotrypsin and ferritin in parotid gland tumors. Schested M, et al. **J Oral Pathol** 1985 Jul;14(6):459-65

Basolateral endocytosis of protein in isolated perfused proximal tubules. Nielsen JT, et al. **Kidney Int** 1985 Jan; 27(1):39-45

Iron is sequestered as ferritin in macrophages in skeletal muscle of vitamin E-deficient rabbits. Chu JY, et al. **Pediatr Res** 1984 Oct;18(10):1012-6

Reduction of mammalian ferritin. Watt GD, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3640-3

The charge distribution in the rough endoplasmic reticulum/Golgi complex transitional area investigated by microinjection of charged tracers. Brac T. **Tissue Cell** 1984; 16(6):859-71

The induction and distribution of an insect ferritin—a new function for the endoplasmic reticulum. Locke M, et al. **Tissue Cell** 1984;16(5):739-66

Iron stores in male blood donors evaluated by serum ferritin. Milman N, et al. **Transfusion** 1984 Nov-Dec;24(6):464-8

[Subcellular localization of ferritin in liver cancer] Yang XY. **Chung Hua I Hsueh Tsa Chih** 1985 Mar;65(3):171-2 (Chi)

PHARMACODYNAMICS

The role of iron in ferritin- and haemosiderin-mediated lipid peroxidation in liposomes. O'Connell MJ, et al. **Biochem J** 1985 Jul 1;229(1):135-9

Abnormalities in myelopoietic regulatory interactions with acidic isoferritins and lactoferrin in mice infected with Friend virus complex: association with altered expression of Ia antigens on effector and responding cells. Lu L, et al. **Blood** 1985 Jan;65(1):91-9

Differential effect of isolated placental isoferritins on in vitro T-lymphocyte function. Matzner Y, et al. **Br J Haematol** 1985 Mar;59(3):443-8

Endocytosis by platelets during cationized ferritin-induced aggregation. Suzuki H, et al. **Cell Tissue Res** 1985; 240(3):513-7

Inhibition of quantal transmitter release by the polycationic ligand cationized ferritin. Publicover SJ. **Exp Brain Res** 1985;59(3):629-32

Xanthine oxidase induced depolymerization of hyaluronic acid in the presence of ferritin. Carlin G, et al. **FEBS Lett** 1984 Nov 5;177(1):27-30

The effects of bovine serum albumin and a form of cationised ferritin upon the molecular selectivity of the walls of single frog capillaries. Michel CC, et al. **Microvasc Res** 1985 Mar; 29(2):190-203

The role of ferritin isomers on the maternofetal iron transfer in rats. Shinjo S, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):829-37

PHYSIOLOGY

Biochemical and immunological characteristics of ferritin from HL-60, U-937 and K-562 cell lines: implications for haemopoietic regulation. Wyllie F, et al. **Leuk Res** 1984; 8(6):1095-101

SECRETION

Quantification of ferritin-secreting cells in patients with non-Hodgkin's lymphoma. Ohnishi K, et al. **Acta Haematol (Basel)** 1985;73(3):145-9

THERAPEUTIC USE

Efficacy of iron therapy: a comparative evaluation of four iron preparations administered to anaemic pregnant women. Fochi F, et al. **J Int Med Res** 1985;13(1):1-11

FERROCHELATASE see under **LYASES**

FERROCYANIDES

Parameters for the adsorption of thallium ions by activated charcoal and Prussian blue. Lehmann PA, et al. **J Toxicol Clin Toxicol** 1984;22(4):331-9

METABOLISM

Mechanism of electron transfer to coordinated dioxygen of oxyhemoglobins to yield peroxide and methemoglobin. Protein control of electron donation by aquopentacyanoferrate(II). Kawanishi S, et al. **J Biol Chem** 1985 Apr 25;260(8):4622-31

PHARMACODYNAMICS

Characterization of cucumber ascorbate oxidase and its reaction with hexacyanoferrate (II). Kawahara K, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):179-86

THERAPEUTIC USE

[Effectiveness of ferrocin in decreasing the resorption of radioactive thallium] Borisov VP, et al. **Med Radiol (Mosk)** 1984 Sep;29(9):15–8 (Rus)

FERROCYTOCHROME C see CYTOCHROME C

FERROPROTOPORPHYRIN see HEME

FERROUS COMPOUNDS see under IRON

FERROZINE see under TRIAZINES

FERTILITY

Semen quality and fertility after heat stress in boars. Malmgren L, et al. **Acta Vet Scand** 1984;25(3):425–35

Fertility and cryptorchidism [letter] Hadziselimovic F. **Am J Dis Child** 1985 Oct;139(10):963–4

Declining fertility in England and Wales as a major cause of the twentieth century decline in mortality. The role of changing family size and age structure in infectious disease mortality in infancy. Reves R. **Am J Epidemiol** 1985 Jul;122(1):112–26

A woman's age: childbearing and child rearing. Stein ZA. **Am J Epidemiol** 1985 Mar;121(3):327–42 (96 ref.)

Demography of the Juang tribal population of Orissa. Ray AK, et al. **Am J Phys Anthropol** 1984 Dec;65(4):387–93

Relationship between fertility and blood glucose and cholesterol concentrations in Holstein cows. Kappel LC, et al. **Am J Vet Res** 1984 Dec;45(12):2607–12

Seminal plasma leucine aminopeptidase in male fertility. González Buitrago JM, et al. **Andrologia** 1985 Mar–Apr;17(2):139–42

Study of sperm morphologic characteristics in a group of 833 fertile men. Schwartz D, et al. **Andrologia** 1984 Sep–Oct;16(5):423–8

Reproductive defects in patients of both sexes with cystic fibrosis: a review. Seale TW, et al. **Ann Clin Lab Sci** 1985 Mar–Apr;15(2):152–8

Inbreeding and fertility in a South Indian population. Hann KL. **Ann Hum Biol** 1985 May–Jun;12(3):267–74

Effect of confinement, climatic conditions and litter parity on the seasonal variations of the fertility rate and prolificacy. Martinat-Botte F, et al. **Ann Rech Vet** 1984;15(2):165–72

Fertility data from daughters of a Santa Gertrudis bull with chromosomal translocation 1/29. Betancourt A. **Beitr Trop Landwirtsch Veterinarmed** 1985;23(1):77–80

Biology, life-tables, and intrinsic rates of increase of Bulinus globosus Morelet and Lymnea natalensis Kraus (Gastropoda: Pulmonata)—the snail intermediate hosts of Schistosoma haematobium and Fasciola gigantica, respectively, in Southeastern Nigeria. Iheagwam EU, et al. **Beitr Trop Landwirtsch Veterinarmed** 1984;22(4):429–34

Estimation of fertility and fecundity in women receiving artificial insemination by donor semen and in normal fertile women. Peek JC, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):1019–24

Effects of age, cigarette smoking, and other factors on fertility: findings in a large prospective study. Howe G, et al. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1697–700

Effect of semen storage time and number of spermatozoa inseminated on the fertility and hatchability of eggs from dwarf broiler breeder hens. Van Wambeke F. **Br Poult Sci** 1984 Oct;25(4):58[illegible]–7

Sex ratio of offspring of patients with prostatic cancer. Hill GB, et al. **Can Med Assoc J** 1985 Sep 15;133(6):567–71

Effect of balanced X/autosome translocations on sexual and physical development. A personal experience in 4 patients. Kleczkowska A, et al. **Clin Genet** 1985 Feb;27(2):1[illegible]7–52

Late infertile days in early postpartum cycles. Hatherley LI. **Clin Reprod Fertil** 1985 Mar;3(1):73–80

Plasma cortisol and sex steroid levels in Great Lakes coho salmon (Oncorhynchus kisutch Walbaum) in relation to fecundity and egg survival. Morrison PF, et al. **Comp Biochem Physiol [A]** 1985;80(1):61–8

Report of a joint National Institutes of Health (NIH)/Agency for International Development (AID)/Program for Applied Research in Fertility Regulation (PARFR) workshop on research and development of immunological methods of fertility regulation, April 16–18, 1984. **Contraception** 1985 Jan;31(1):11–28

Birth spacing and fertility limitation: a behavioral analysis of a nineteenth century frontier population. Anderton DL, et al. **Demography** 1985 May;22(2):169–83

Measuring the effect of sex preference on fertility: the case of Korea. Arnold F. **Demography** 1985 May;22(2):280–8

The threshold hypothesis: evidence from less developed Latin American countries, 1950 to 1980. Cutright P, et al. **Demography** 1984 Nov;21(4):459–73

Fertility adaptation of rural-to-urban migrant women: a method of estimation applied to Korean women. Farber SC, et al. **Demography** 1984 Aug;21(3):339–45

Evaluating the demographic impact of societal events through intervention analysis: the Brown vs. Board of Education decision. Hogan TD. **Demography** 1984 Nov;21(4):673–82

A demonstration of the effect of seasonal migration on fertility. Massey DS, et al. **Demography** 1984 Nov;21(4):501–17

Fertility and replacement: some alternative stochastic models and results for Brazil. Mazzkopf J, et al. **Demography** 1984 Nov;21(4):519–36

Census-derived estimates of fertility by duration since first marriage in the Republic of Korea. Retherford RD, et al. **Demography** 1984 Nov;21(4):537–58

Trend and variation in the seasonality of U.S. fertility, 1947–1976. Seiver DA. **Demography** 1985 Feb;22(1):89–100

The declining significance of first-birth timing. Teachman JD, et al. **Demography** 1985 May;22(2):185–98

Further reflections on changes in fertility expectations and preferences. Thornton AD, et al. **Demography** 1984 Aug;21(3):423–9

Determinants of birth-interval length in the Philippines, Malaysia, and Indonesia: a hazard-model analysis. Trussell J, et al. **Demography** 1985 May;22(2):145–68

Health, nutrition and fertility. A review of correlates in rural development. Uyanga J. **Ecol Dis** 1982;1(1):45–58 (101 ref.)

Ovarian and steroidal influences on neuroendocrine aging processes in female rodents. Finch CE, et al. **Endocr Rev** 1984 Fall;5(4):467–97 (286 ref.)

Ectopic pituitary grafts in mice: hormone levels, effects on fertility, and the development of adenomyosis uteri, prolactinomas, and mammary carcinomas. Huseby RA, et al. **Endocrinology** 1985 Apr;116(4):1440–8

The effect of legal abortion on teenage fertility in Trieste, Italy. Benussi G, et al. **Fam Plann Perspect** 1985 Jan–Feb;17(1):23–4

Contraception and fertility in the Netherlands. Ketting E. **Fam Plann Perspect** 1983 Jan–Feb;15(1):19–25

Differential fertility in the United States: 1976–1980. O'Connell M, et al. **Fam Plann Perspect** 1982 Sep–Oct;14(5):281–4, 286

Contraceptive use, pregnancy and fertility patterns among single American women in their 20s. Tanfer K, et al. **Fam Plann Perspect** 1985 Jan–Feb;17(1):10–9

Low fertility in Europe: a report from the 1981 IUSSP meeting. Wulf D. **Fam Plann Perspect** 1982 Sep–Oct;14(5):264–70

Semen selenium and human fertility. Bleau G, et al. **Fertil Steril** 1984 Dec;42(6):890–4

Cesarean section and subsequent fertility: results from the 1982 National Survey of Family Growth. Hemminki E, et al. **Fertil Steril** 1985 Apr;43(4):520–8

Scoring sperm morphology from fertile and infertile cigarette smokers using the scanning electron microscope and image analysis. Hoidas S, et al. **Fertil Steril** 1985 Apr;43(4):595–8

Adverse effects of human leukocyte antigen-DR sharing on fertility: a cohort study in a human isolate. Ober CL, et al. **Fertil Steril** 1985 Aug;44(2):227–32

Prognosis of fertility in women with unexplained infertility and sperm agglutinins in the serum. Rümke P, et al. **Fertil Steril** 1984 Oct;42(4):561–7

Contralateral tubal-ovarian apposition and fertility in hemiovariectomized primates. Sopelak VM, et al. **Fertil Steril** 1984 Oct;42(4):633–7

A symmetric two-locus fertility model. Feldman MW, et al. **Genetics** 1985 Jan;109(1):229–53

Genetics of factors affecting the life history of Drosophila melanogaster. I. Female productivity. Hiraizumi Y. **Genetics** 1985 Jul;110(3):452–64

The population dynamics and fertility of the trio of surinam: an application of a two census method. Gage TB, et al. **Hum Biol** 1984 Dec;56(4):691–701

Opportunity for selection during the 17th–19th centuries in the diocese of Linköping as estimated with Crow's index in a population of clergymen's wives. Hed H. **Hum Hered** 1984;34(6):378–87

Socio-economic correlates of fertility and contraceptive practices amongst target couples of a rural community. Bhattacharya M, et al. **Indian J Public Health** 1984 Jul–Sep;28(3):139–46

Conception-waits in fertile women after stopping oral contraceptives. Harlap S, et al. **Int J Fertil** 1984;29(2):73–80

Fertility and contraception of 6 patients with ovarian pregnancy. Fortuondo JA, et al. **Int J Fertil** 1984;29(4):254–6

Diagnosis and management of tubal pregnancy: effect on fertility outcome. Paavonen J, et al. **Int J Gynaecol Obstet** 1985 Apr;23(2):129–33

Effect of epididymitis on semen quality of rams. Bagley CV, et al. **J Am Vet Med Assoc** 1984 Oct 15;185(8):[illegible]76–7

Decreased fertility and motility of spermatozoa from rats immunized with a prealbumin epididymal-specific glycoprotein. Fournier-Delpech S, et al. **J Androl** 1985 Jul–Aug;6(4):246–50

Fertility of ewe lambs maintained indoors year-round on an accelerated breeding program. Hackett AJ, et al. **J Anim Sci** 1984 Nov;59(5):1129–34

Uterine involution: its role in regulating postpartum intervals. Kiracofe GH. **J Anim Sci** 1980;51 Suppl 2:16–28 (142 ref.)

Reproductive criteria of beef bulls during and after exposure to increased ambient temperature. Meyerhoeffer DC, et al. **J Anim Sci** 1985 Feb;60(2):352–7

Influence of seminal additives and packaging systems on fertility of frozen bovine spermatozoa. Pickett BW, et al. **J Anim Sci** 1978;47 Suppl 2:12–47 (179 ref.)

Components of semen quality. Saacke RG. **J Anim Sci** 1982;55 Suppl 2:1–13 (59 ref.)

Influence of reduced litter size and daily litter separation on fertility of sows at 2 to 5 weeks postpartum. Stevenson JS, et al. **J Anim Sci** 1984 Aug;59(2):284–93

Rural-urban differentials in marital fertility in four Muslim populations. Ahmad S. **J Biosoc Sci** 1985 Apr;17(2):157–66

Factors affecting fertility in four Muslim populations: a multivariate analysis. Ahmad S. **J Biosoc Sci** 1985 Jul;17(3):305–16

Trends and differentials in Moslem fertility. A comment. Jones GW. **J Biosoc Sci** 1985 Jul;17(3):371–2

Socioeconomic status and fertility in rural Bangladesh. Shaikh K, et al. **J Biosoc Sci** 1985 Jan;17(1):81–9

Fertility of couples following cessation of contraception. Spira N, et al. **J Biosoc Sci** 1985 Jul;17(3):281–90

Analysis of demographic data collected in a rural area of Kenya. van Vianen HA, et al. **J Biosoc Sci** 1984 Oct;16(4):463–73

Fertility and social class in a French village, 1901–75. White PE. **J Biosoc Sci** 1985 Jul;17(3):253–65

Demographic and endocrinological aspects of low natural fertility in Highland New Guinea. Wood JW, et al. **J Biosoc Sci** 1985 Jan;17(1):57–79

Determinants of mating success in the golden hamster (Mesocricetus auratus): I. Male capacity. Huck UW, et al. **J Comp Psychol** 1985 Mar;99(1):98–107

Effects of climatic and management factors on conception rate of dairy cattle in subtropical environment. Badinga L, et al. **J Dairy Sci** 1985 Jan;68(1):78–85

Effect of season and high environmental temperature on fertility of Holstein cattle. Cavestany D, et al. **J Dairy Sci** 1985 Jun;68(6):1471–8

Uterine contractions and fertility following clitoral massage of dairy cattle in estrus. Cooper MD, et al. **J Dairy Sci** 1985 Mar;68(3):703–8

Stage of estrous cycle, time of insemination, and seasonal effects on estrus and fertility of Holstein heifers after prostaglandin F2 alpha. Stevenson JS, et al. **J Dairy Sci** 1984 Aug;67(8):1798–805

Intersexuality in five pigs, with particular reference to oestrous cycles, the ovotestis, steroid hormone secretion and potential fertility. Hunter RH, et al. **J Endocrinol** 1985 Aug;106(2):233–42

Fertility in elderly men. Dondero F, et al. **J Endocrinol Invest** 1985;8 Suppl 2:87–91

Morphology and X-ray microprobe analysis of spermatozoa from fertile and infertile men in in vitro fertilization. Appleton TC, et al. **J In Vitro Fert Embryo Transfer** 1984 Sep;1(3):188–203

A symmetric two locus model with viability and fertility selection. Liberman U, et al. **J Math Biol** 1985;22(1):31–60

Antibodies against epididymal glycoproteins block fertilizing ability in rat. Cuasnicú PS, et al. **J Reprod Fertil** 1984 Nov;72(2):467–71

Observations on variability in LH release and fertility during oestrus in the domestic cat (Felis catus). Glover TE, et al. **J Reprod Fertil** 1985 Sep;75(1):145–52

Gonadotrophin-stimulated cyclic AMP production by granulosa cells from Booroola x Romney ewes with and without a fecundity gene. Henderson KM, et al. **J Reprod Fertil** 1985 Sep;75(1):111–20

Disruption of pair bonding induces pregnancy failure in newly mated mongolian gerbils (Meriones unguiculatus). Norris ML. **J Reprod Fertil** 1985 Sep;75(1):43–7

The role of uterine luminal fluid in uterine contractions, sperm transport and fertility of rats. Toner JP, et al. **J Reprod Fertil** 1985 May;74(1):295–302

Genetics of Darwinian fitness. II. Pleiotropic selection on fertility and survival. Abugov R. **J Theor Biol** 1985 May 7;114(1):109–23

Mortality/fertility relationships in the Dominican Republic. Ballweg JA, et al. **J Trop Pediatr** 1984 Aug;30(4):224–7

Transient fertility after vasovasostomy in 892 patients. Belker AM, et al. **J Urol** 1985 Jul;134(1):75–6

Reproductive biology of paraplegics: results of semen collection, testicular biopsy and serum hormone evaluation. Perkash I, et al. **J Urol** 1985 Aug;134(2):284–8

Leads from the MMWR. Teenage pregnancy and fertility trends—United States, 1974 and 1980. **JAMA** 1985 Jun 7;253(21):3064–5

Cigarette smoking associated with delayed conception. Baird DD, et al. **JAMA** 1985 May 24–31;253(20):2679–83

Male fertility in hot environment [letter] Levine RJ. **JAMA** 1984 Dec 21;252(23):3250–1

Teenage pregnancy and fertility trends—United States, 1974, 1980. **MMWR** 1985 May 17;34(19):277–80

The fertility of men with spinal injuries. Brindley GS. **Paraplegia** 1984 Dec;22(6):337–48

Fatness, menarche, and female fertility. Frisch RE. **Perspect Biol Med** 1985 Summer;28(4):611–33

Sexual behavior frequency and biphasic ovulatory type menstrual cycles. Cutler WB, et al. **Physiol Behav** 1985 May;34(5):805–10

Suppression of postpartum fertility in pairs of female rats sharing the same nesting environment. Gudermuth DF, et al. **Physiol Behav** 1984 Aug;33(2):257–60

Laws and policies affecting fertility: a decade of change. **Popul Rep [E]** 1984 Nov;(7):E105–50

The impact of family planning programs on fertility. Sherris JD, et al. **Popul Rep [J]** 1985 Jan–Feb;(29):J733–71 (360 ref.)

Fluorometry of poultry semen: its application in the determination of viability, enzyme leakage, and fertility. Bilgili SF, et al. **Poult Sci** 1985 Jun;64(6):1227–30

Relationship of body fat to fertility in broiler breeder hens. Bilgili SF, et al. **Poult Sci** 1985 Jul;64(7):1394–6

Relationships among fertility, sperm storage, and shell quality. Bilgili SF, et al. **Poult Sci** 1984 Nov;63(11):2292–5

The influence of the grower diet and fat in the layer diet

on performance of turkey hens. Harms RH, et al. **Poult Sci** 1984 Aug;63(8):1634–7
Fertility of fresh and stored turkey spermatozoa in the presence or absence of glucose or fructose in the suspension medium. Pinto O, et al. **Poult Sci** 1985 Jul;64(7):1388–90
Ultrastructural analyses of uterovaginal sperm storage glands in fertile and infertile turkey breeder hens. Schuppin GT, et al. **Poult Sci** 1984 Sep;63(9):1872–82
Effect of selection for fertility of frozen-thawed semen in chickens on the fertility of fresh and stored semen. Yousif YF, et al. **Poult Sci** 1984 Aug;63(8):1475–80
Black fertility patterns—Cape Town and Ciskei. Roberts M, et al. **S Afr Med J** 1984 Sep 29;66(13):481–4
Evidence of increasing natural fertility in Taiwan. Jejeebhoy SJ. **Soc Biol** 1983 Winter;30(4):388–99
Trends in Moslem fertility and the application of the demographic transition model. Nagi MH. **Soc Biol** 1983 Fall;30(3):245–62
Childlessness: a panel study of expressed intentions and reported fertility. Pol LG. **Soc Biol** 1983 Fall;30(3):318–27
Fertility effects of isolated spouse separations in relation to their timing. Potter RG, et al. **Soc Biol** 1983 Fall; 30(3):279–89
Those ubiquitous fertility trends: United States, 1945–1979. Sweet JA, et al. **Soc Biol** 1983 Summer;30(2):127–39
The persistence of high fertility in Kenya. Sindiga I. **Soc Sci Med** 1985;20(1):71–84
The impact of development and population policies on fertility in India. Jain AK. **Stud Fam Plann** 1985 Jul–Aug; 16(4):181–98
An analysis of the child survival hypothesis in Jordan. Nur O el-H. **Stud Fam Plann** 1985 Jul–Aug;16(4):211–8
The potential impact of changes in fertility on infant, child, and maternal mortality. Trussell J, et al. **Stud Fam Plann** 1984 Nov–Dec;15(6 Pt 1):267–80
Long-term follow-up of fertility in cryptorchid patients. Fallon B, et al. **Urology** 1985 May;25(5):502–4
Fertility of the West African dwarf goat in its native environment following prostaglandin F2-alpha induced estrus. Akusu MO, et al. **Vet Q** 1984 Jul;6(3):173–6
A three year herd health and management program on thirty Dutch dairy farms. III. Economic evaluation of fertility control. Dijkhuizen AA, et al. **Vet Q** 1984 Jul;6(3):158–62
Strategy for marketing preventive medicine. Andrews AH. **Vet Rec** 1984 Sep 22;115(12):305
Herdsman ability [letter] Lester WA. **Vet Rec** 1985 Apr 13; 116(15):423–4
Birth and fertility rates for States. United States, 1980. Taffel S. **Vital Health Stat [21]** 1984 Sep;(42):i–iii, 1–31
Does the MHC influence fertility of male rats? Amelang D, et al. **Zentralbl Veterinarmed** [A] 1985 May;32(5):391–8
Porcine parvovirus infection in boars: II. Influence on fertility. Bonte P, et al. **Zentralbl Veterinarmed** [B] 1984 Jun;31(5):391–5
[Fertility in bilateral cryptorchism] Tsvetkova D. **Akush Ginekol (Sofiia)** 1984;23(6):532–4 (Eng. Abstr.) **(Bul)**
[Effect of feeding on fertility] Ganovski Kh, et al. **Vet Med Nauki** 1985;22(5):90–4 **(Bul)**
[The fertility of older women] Němeček R. **Cas Lek Cesk** 1984 Dec 7;123(49):1498 **(Cze)**
[The thermoresistance test of spermatozoa and fertility in bulls] Kozumplík J, et al. **Vet Med (Praha)** 1985 Jul; 30(7):385–92 (Eng. Abstr.) **(Cze)**
[Cryptorchidism and fertility] Arvis G, et al. **Ann Urol (Paris)** 1984 Jun–Jul;18(4):246–52 (Eng. Abstr.) **(Fre)**
[Echographic monitoring of the growth of ovarian follicles and fertility] Lambotte R, et al. **Bull Acad Natl Med (Paris)** 1984 May–Jun;168(5–6):660–5 (Eng. Abstr.) **(Fre)**
[Fertility in Gabon (Haut Obooué). Retrospective study in Okondja and Franceville. Obstetrical activity at the maternity hospital in Franceville during the first trimester of 1981] Matheron S, et al. **Bull Soc Pathol Exot Filiales** 1985;78(3):368–77 (Eng. Abstr.) **(Fre)**
[Fertility and genetic counseling in Turner syndrome] Pescia G, et al. **J Genet Hum** 1984 Sep;32(4):271–7 (Eng. Abstr.) **(Fre)**
[Reproduction and immune factors in women. Pregnancy, habitual abortion and HLA histocompatibility] Martin-du-Pan RC, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):291–3 (Eng. Abstr.) **(Fre)**
[Study of fertility after extrauterine pregnancy] Vitse M, et al. **Rev Fr Gynecol Obstet** 1984 Dec;79(12):785–9 (Eng. Abstr.) **(Fre)**
[Minimum fertility age] Grimm H. **Arztl Jugendkd** 1984 Aug; 75(4):223–32 (Eng. Abstr.) **(Ger)**
[Calving interval as a function of production and age] Merkt H, et al. **DTW** 1985 Jan 6;92(1):4–6 (Eng. Abstr.) **(Ger)**
[Fertility of zebu beef cattle in the tropics of Brazil] Weitze KF. **DTW** 1984 Nov 22;91(11–12):409–14 (12 ref.) (Eng. Abstr.) **(Ger)**
[Retractile testis and fertility] **Hautarzt** 1985 May;36(5):311 **(Ger)**
[Fertility of smokers and nonsmokers] Vogt HJ, et al. **Z Hautkr** 1985 Jul 15;60(14):1127–30, 1133–4, 1137–46 (Eng. Abstr.) **(Ger)**
[Hormonal and spermatologic controls in patients operated on for monolateral torsion of the spermatic cord] Cucchi A, et al. **Minerva Urol Nefrol** 1984 Apr–Jun;36(2):123–5 (Eng. Abstr.) **(Ita)**
[Pregnancy in patients with minimal change nephrotic syndrome] Kosino Y, et al. **Nippon Jinzo Gakkai Shi** 1985 Apr;27(4):451–8 (Eng. Abstr.) **(Jpn)**
[Medical genetic study of the population of Turkmenia. VI. An analysis of the genetic component of fertility dispersion in the population of Nokhor] Revazov AA, et al. **Genetika (Moskva)** 1984 Oct;20(10):1714–8 (Eng. Abstr.) **(Rus)**
[Characteristics of the cytological picture of the endometrium in healthy fertile women of child-bearing age] Petrova AS, et al. **Lab Delo** 1984;(8):474–8 (Eng. Abstr.) **(Rus)**
[Fecundity of Aedes aegypti mosquitoes in relation to their infection with the malaria agent Plasmodium gallinaceum] Zharova AN, et al. **Parazitologiia** 1984 Nov–Dec; 18(6):469–72 (Eng. Abstr.) **(Rus)**
[Changes in the ovarian structure and fertility of the rat after various ovarian neurectomies] Pérez de Obanos ML, et al. **Rev Esp Fisiol** 1985 Jun;41(2):235–41 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Chemotherapeutic agents and future fertility. Fraschini F, et al. **Acta Eur Fertil** 1985 May–Jun;16(3):191–4 (27 ref.)
Fertility of male workers exposed to mercury vapor or to manganese dust: a questionnaire study. Lauwerys R, et al. **Am J Ind Med** 1985;7(2):171–6
Effect of deoxynivalenol (vomitoxin) on fertility, pregnancy, and postnatal development of Sprague-Dawley rats. Morrissey RE, et al. **Appl Environ Microbiol** 1985 May; 49(5):1062–6
The effect of exogenous testosterone on homospermic and heterospermic fertility in the cock. Hagen DR, et al. **Biol Reprod** 1985 Jun;32(5):1080–6
Suppression of spermatogenesis by testosterone in adult male rats: effect on fertility, pregnancy outcome and progeny. Robaire B, et al. **Biol Reprod** 1984 Sep;31(2):221–30
Effect of a luteinizing hormone releasing hormone agonist given during combination chemotherapy on posttherapy fertility in male patients with lymphoma: preliminary observations. Johnson DH, et al. **Blood** 1985 Apr; 65(4):832–6
Contragestational profile of the tumor-inhibiting agent, L-alanosine, in the rat and the hamster. Galliani G, et al. **Cancer Chemother Pharmacol** 1985;14(1):74–8
Comparative evaluation of contraceptive efficacy of norethisterone oenanthate (200 mg) injectable contraceptive given every two or three monthly. Indian Council of Medical Research Task Force on Hormonal Contraception. Banerjee SK, et al. **Contraception** 1984 Dec; 30(6):561–74
Fertility regulation in nursing women. VI. Contraceptive effectiveness of a subdermal progesterone implant. Díaz S, et al. **Contraception** 1984 Oct;30(4):311–25
Phase I comparative clinical trial with subdermal implants—bioabsorbable levonorgestrel or norethisterone pellet fused with cholesterol. Joshi UM, et al. **Contraception** 1985 Jan;31(1):71–82
Immediate postabortal contraception with Norplant: levonorgestrel, gonadotropin, estradiol, and progesterone levels over two postabortal months and return of fertility after removal of Norplant capsules. Kurunmäki H, et al. **Contraception** 1984 Nov;30(5):431–42
Ethylene glycol monomethyl ether (EGME) and propylene glycol monomethyl ether (PGME): inhalation fertility and teratogenicity studies in rats, mice and rabbits. Hanley TR Jr, et al. **Environ Health Perspect** 1984 Aug;57:7–12
Effects of ethylene glycol monomethyl ether (EGME) on mating performance and epididymal sperm parameters in F344 rats. Chapin RE, et al. **Fundam Appl Toxicol** 1985 Feb;5(1):182–9
Effect of atropine on fertility of female rat and sperm motility. Ratnasooriya WD. **Indian J Exp Biol** 1984 Sep; 22(9):463–6
Effect of intra-epididymal injection of copper particles on fertility, spermatogenesis, and tissue copper levels in rats. Xu Y, et al. **Int J Androl** 1985 Apr;8(2):168–74
Effect of cyclosporin A on the morphology and function of the ovary and fertility in the rabbit. Al-Chalabi HA. **Int J Fertil** 1984;29(4):218–23
Fertility of young mares after long-term anabolic steroid treatment. Squires EL, et al. **J Am Vet Med Assoc** 1985 Mar 15;186(6):583–7
Changes of luteinizing hormone and progesterone for dairy cows after gonadotropin-releasing hormone at first postpartum breeding. Lee CN, et al. **J Dairy Sci** 1985 Jun; 68(6):1463–70
Permanent changes in the functional development of accessory sex organs and in fertility in male mice after neonatal exposure to cyproterone acetate. Jean-Faucher C, et al. **J Endocrinol** 1985 Jan;104(1):113–20
Menstrual history and fecundity of women exposed and unexposed in utero to diethylstilbestrol. Barnes AB. **J Reprod Med** 1984 Sep;29(9):651–5
Paternal cyclophosphamide treatment of rats causes fetal loss and malformations without affecting male fertility. Trasler JM, et al. **Nature** 1985 Jul 11–17;316(6024):144–6
Pregnancy and reproductive function in a patient with non-mosaic Turner syndrome. Baudier MM, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):60S–64S
Decreased fertility resulting from treatment of fowl spermatozoa with neuraminidase or phospholipase c. Froman DP, et al. **Poult Sci** 1984 Dec;63(12):2479–82
Increased conception rate in dairy cows after PGF2 alpha [letter] Caldow GL. **Vet Rec** 1984 Dec 8;115(23):606
LH and progesterone concentrations in heifers [letter] MacFarlane JS. **Vet Rec** 1985 Mar 16;116(11):302–3
Current trends in antifertility vaccine research. Covey DC, et al. **West J Med** 1985 Feb;142(2):197–202 (72 ref.)
[Fertility and pregnancy following intrauterine exposure to diethylstilbestrol] Stolk JG. **Ned Tijdschr Geneeskd** 1984 Aug 18;128(33):1574–6 **(Dut)**
[Reproduction toxicologic studies on rats following oral administration of benzopyrone preparations] Preuss-Ueberschär C, et al. **Arzneimittelforsch** 1984; 34(10):1308–13 (Eng. Abstr.) **(Ger)**
[The effect of meclofenoxate on the growth, fertility and number of offspring in Wistar rats] Neumann HJ. **Biomed Biochim Acta** 1985;44(2):289–300 (Eng. Abstr.) **(Ger)**
[Effects of an increased intake of various elements, trace elements and nitrate in farm-produced feed on the health and fertility of dairy cows] Lotthammer KH. **DTW** 1985 Jun 7;92(6):233–6 **(Ger)**
[Adverse effects of drugs on sexual behavior and fertility in males] Przybilla B, et al. **Med Monatsschr Pharm** 1984 Jul;7(7):197–208 **(Ger)**
[Alcohol and fertility: sex hormones] Kley HK, et al. **Z Hautkr** 1985 Jul 1;60(13):1017–25 (12 ref.) (Eng. Abstr.) **(Ger)**
[Side effects of drugs on male fertility] Schill WB, et al. **Z Hautkr** 1985 Jul 1;60(13):1066, 1069–76, 1079–82 (41 ref.) (Eng. Abstr.) **(Ger)**
[Effects of intravenous administration of ranitidine hydrochloride on the fertility of the male and female rats] Kamada S, et al. **J Toxicol Sci** 1984 Jun;9 Suppl 1:13–28 (Eng. Abstr.) **(Jpn)**
[Toxicological studies on a new cephamycin, MT-141. VIII. Its fertility test in rats] Kurebe M, et al. **Jpn J Antibiot** 1984 Jun;37(6):1176–85 (Eng. Abstr.) **(Jpn)**

FERTILITY AGENTS, FEMALE

PHARMACODYNAMICS

Recent data concerning the use of ovulation inductors during in vitro fertilization programs. Frydman R. **Acta Eur Fertil** 1985 Jan–Feb;16(1):5–11 (39 ref.)

THERAPEUTIC USE

Observation of effect of iontophoresis of traditional Chinese drug in female infertility. Pang BC, et al. **J Tradit Chin Med** 1984 Dec;4(4):259–60
[Comparative studies of hormonal methods for affecting the reproductive functions of cows being raised by different technics] Kostov L, et al. **Vet Med Nauki** 1984;21(6):67–74 (Eng. Abstr.) **(Bul)**

FERTILITY AGENTS, FEMALE, HORMONAL see under **FERTILITY AGENTS, FEMALE**

FERTILITY AGENTS, FEMALE, SYNTHETIC see under **FERTILITY AGENTS, FEMALE**

FERTILITY AGENTS, MALE

THERAPEUTIC USE

Treatment of men with oligoasthenozoospermia and asthenozoospermia with kallikrein. Mićić S, et al. **Acta Eur Fertil** 1985 Jan–Feb;16(1):51–4
The medical management of male infertility. Hargreave TB. **Turk J Pediatr** 1984;26(1–4):147–50

FERTILITY AGENTS, MALE, HORMONAL see under **FERTILITY AGENTS, MALE**

FERTILITY AGENTS, MALE, SYNTHETIC see under **FERTILITY AGENTS, MALE**

FERTILITY FACTOR see **F FACTOR**

FERTILIZATION

see related
GERM CELLS

Decondensation of human spermatozoal chromatin by nuclear actin polymerization. Jamil K. **Arch Androl** 1984; 13(2–3):137–46
Early pregnancy factor (EPF): a link between fertilization and immunomodulation. Morton H. **Aust J Biol Sci** 1984; 37(5–6):393–407 (48 ref.)
Effects of in vivo and in vitro fertilization environments on the expression of a surface antigen of the mouse sperm tail. Vernon RB, et al. **Biol Reprod** 1985 Apr;32(3):669–80
'Missed pill' conception: fact or fiction? [letter] **Br Med J [Clin Res]** 1985 Jul 13;291(6488):136–7
Quantitation of the fertilising ability of fresh compared with frozen and thawed fowl spermatozoa. Wishart GJ. **Br Poult Sci** 1985 Jul;26(3):375–80
Electrical response to fertilization in starfish eggs and oocytes. Dale B, et al. **Cell Biol Int Rep** 1984 Dec; 8(12):1015

CA++ in fertilization and mitosis: the phosphatidylinositol cycle in sea urchin gametes and zygotes is involved in control of fertilization and mitosis. Sillers PJ, et al. **Cell Biol Int Rep** 1985 Mar;9(3):275–82

Fertilization. Sano K, et al. **Cell Struct Funct** 1984 Jul;9 Suppl:s103–10 (100 ref.)

Toad egg-jelly as a source of divalent cations essential for fertilization. Ishihara K, et al. **Dev Biol** 1984 Oct; 105(2):435–42

Fertilization stimulates lipid peroxidation in the sea urchin egg. Perry G, et al. **Dev Biol** 1985 Jan;107(1):58–65

Activation of Na+-dependent transport at fertilization in the sea urchin: requirements of both an early event associated with exocytosis and a later event involving increased energy metabolism. Schneider EG. **Dev Biol** 1985 Mar;108(1):152–63

Fertilization potential and electrical properties of the Xenopus laevis egg. Webb DJ, et al. **Dev Biol** 1985 Feb; 107(2):395–406

Multiple levels of regulation of protein synthesis at fertilization in sea urchin eggs. Winkler MM, et al. **Dev Biol** 1985 Feb;107(2):290–300

Intracellular pH shift leads to microtubule assembly and microtubule-mediated motility during sea urchin fertilization: correlations between elevated intracellular pH and microtubule activity and depressed intracellular pH and microtubule disassembly. Schatten G, et al. **Eur J Cell Biol** 1985 Jan;36(1):116–27

Changes in calmodulin level after fertilization and during first cleavage in the egg of the urodelan amphibian Pleurodeles waltlii. Gallien CL, et al. **Exp Cell Res** 1984 Dec;155(2):397–405

Development of a maturation antigen on the plasma membrane of rat spermatozoa in the epididymis and its fate during fertilization. Jones R, et al. **Exp Cell Res** 1985 Jan; 156(1):31–44

The effects of several ion channel blockers and calmodulin antagonists on fertilization-induced acid release and 45Ca2+ uptake in sea urchin eggs. Komukai M, et al. **Exp Cell Res** 1985 Aug;159(2):463–72

Fertilization of investment-free Xenopus eggs. Stewart-Savage J, et al. **Exp Cell Res** 1984 Oct; 154(2):639–42

Injection of a soluble sperm fraction into sea-urchin eggs triggers the cortical reaction. Dale B, et al. **Experientia** 1985 Aug 15;41(8):1068–70

Factors affecting the probability of conception after treatment of subfertile men with varicocele by transcatheter embolization with Bucrylate. Comhaire FH, et al. **Fertil Steril** 1985 May;43(5):781–6

Polyspermy: effect of varying stimulation protocols and inseminating sperm concentrations. Diamond MP, et al. **Fertil Steril** 1985 May;43(5):777–80

Nuclear chromatin decondensation of spermatozoa in vitro: a method for evaluating the fertilizing ability of ovine semen. Rodriguez H, et al. **Int J Androl** 1985 Apr; 8(2):147–58

Do mycoplasmas inhibit the human sperm fertilizing ability in vitro? Busolo F, et al. **Isr J Med Sci** 1984 Oct; 20(10):902–4

Purification and properties of ovoperoxidase, the enzyme responsible for hardening the fertilization membrane of the sea urchin egg. Deits T, et al. **J Biol Chem** 1984 Nov 10; 259(21):13525–33

An elevated free cytosolic Ca2+ wave follows fertilization in eggs of the frog, Xenopus laevis. Busa WB, et al. **J Cell Biol** 1985 Apr;100(4):1325–9

Source and sinks for the calcium released during fertilization of single sea urchin eggs. Eisen A, et al. **J Cell Biol** 1985 May;100(5):1522–7

Temporal sequence and spatial distribution of early events of fertilization in single sea urchin eggs. Eisen A, et al. **J Cell Biol** 1984 Nov;99(5):1647–54

Sperm surface proteins persist after fertilization. Gundersen GG, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1343–53

Localized surface antigens of guinea pig sperm migrate to new regions prior to fertilization. Myles DG, et al. **J Cell Biol** 1984 Nov;99(5):1634–41

Intracellular sodium activity in the sea urchin egg during fertilization. Shen SS, et al. **J Cell Biol** 1985 Aug; 101(2):420–6

Sodium-potassium exchange in sea urchin egg. I. Kinetic and biochemical characterization at fertilization. Ciapa B, et al. **J Cell Physiol** 1984 Oct;121(1):235–42

Sodium-potassium exchange in sea urchin egg. II. Ionic events stimulating the Na+-K+ pump activity at fertilization. Ciapa B, et al. **J Cell Physiol** 1984 Oct; 121(1):243–50

Electron microscopic observations on sperm entry and pronuclear formation in naked eggs of the rose bitterling in polyspermic fertilization. Ohta T. **J Exp Zool** 1985 May; 234(2):273–81

Cross fertilization in vivo and in vitro between three species of vesper mice, Calomys (Rodentia, Cricetidae). Roldan ER, et al. **J Exp Zool** 1985 Mar;233(3):433–42

Ultrastructural observations on fertilization and sporulation in Goussia iroquoina (Molnar and Fernando, 1974) in experimentally infected fathead minnows (Pimephales promelas, Cyprinidae). Paterson WB, et al. **J Parasitol** 1984 Oct;70(5):703–11

Fertilization-induced ionic conductances in eggs of the frog, Rana pipiens. Jaffe LA, et al. **J Physiol (Lond)** 1985 Jan; 358:299–319

Effects of withholding food for 0–72 h on mating, pregnancy rate and pituitary function in female rats. McClure TJ, et al. **J Reprod Fertil** 1985 May;74(1):57–64

Follicular development, ovulation, fertilization and fetal development in tenrecs (Tenrec ecaudatus). Nicoll ME, et al. **J Reprod Fertil** 1985 May;74(1):47–55

Prolonged survival of the Graafian follicle and fertilization in the Japanese greater horseshoe bat, Rhinolophus ferrumequinum nippon. Oh YK, et al. **J Reprod Fertil** 1985 Jan;73(1):121–6

Sex ratio, dominance status and maternal hormone levels at the time of conception. James WH. **J Theor Biol** 1985 Jun 7;114(3):505–10

Pregnancy after translaparoscopic gamete intrafallopian transfer [letter] Asch RH, et al. **Lancet** 1984 Nov 3; 2(8410):1034–5

Conception rates after IVF in women with previous ectopic pregnancy [letter] Peek JC, et al. **Lancet** 1985 Aug 3; 2(8449):275–6

Phosphatidylinositol metabolism during fertilization in the sea urchin egg. Kamel LC, et al. **Lipids** 1985 Jun; 20(6):350–6

When does life begin? [letter] **Nature** 1985 Apr 11–17; 314(6011):492

Phorbol ester and sperm activate mouse oocytes by inducing sustained oscillations in cell Ca2+. Cuthbertson KS, et al. **Nature** 1985 Aug 8–14;316(6028):541–2

Effect of microsurgical ampullary segmental reversal on fertilization in the rabbit. Nagasaka T. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Nov; 36(11):2155–60

Reproductive performance in gilts through their first two parities. Linde C, et al. **Nord Vet Med** 1984 Jul–Aug; 36(7–8):207–14

Mechanisms controlling mammalian fertilization. Fraser LR. **Oxf Rev Reprod Biol** 1984;6:174–225 (290 ref.)

Microtubule configurations during fertilization, mitosis, and early development in the mouse and the requirement for egg microtubule-mediated motility during mammalian fertilization. Schatten G, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4152–6

Nuclear lamins and peripheral nuclear antigens during fertilization and embryogenesis in mice and sea urchins. Schatten G, et al. **Proc Natl Acad Sci USA** 1985 Jul; 82(14):4727–31

Fertilization in mammals. Yanagimachi R. **Tokai J Exp Clin Med** 1984 Jun;9(2):81–5

[The zona pellucida, its properties and significance in the process of fertilization] Ulčová-Gallová Z. **Cesk Gynekol** 1985 Jul;50(6):421–6 (68 ref.) (Cze)

[Qualitative changes and the fertilizing capacity of sperm after 6 years of preservation of boar semen] Kozumplík J. **Vet Med (Praha)** 1985 May;30(5):289–300 (Eng. Abstr.) (Cze)

[Fertilization in sea urchins: what's new?] Sardet C. **Biochimie** 1984 Sep–Oct;66(9–10):VII–XII (90 ref.) (Fre)

[Effects of environmental factors on human fertilization and embryonic development] Hoshi K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Sep; 36(9):1387–400 (Jpn)

[Studies on oocyte maturation and mammals and human fertilization] Suzuki S, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Sep; 36(9):1367–76 (Jpn)

[Biochemical analysis of metabolic processes of the oocyte and preimplantation embryos during fertilization and implantation] Tsutsumi O, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Sep; 36(9):1377–86 (Jpn)

DRUG EFFECTS

Effect of reserpine on fertilizing capacity of human spermatozoa. Chan SY, et al. **Contraception** 1984 Oct; 30(4):363–9

Fertilization of a colchicine-treated gamete of the fern Marsilea vestita. Kuligowski J, et al. **Exp Biol** 1985; 43(4):263–76

Inhibition of fertilization in the rabbit long after injection of Depo-Provera. Chang MC. **Fertil Steril** 1985 Apr; 43(4):652–5

Improvement by ergonovine of sperm transport, fertilization and pregnancy rates in ewes in natural or prostaglandin-induced estrus. Hawk HW, et al. **J Anim Sci** 1984 Sep;59(3):754–63

Cortical granule exocytosis in sea urchin eggs is inhibited by drugs that alter intracellular calcium stores. Stapleton CL, et al. **J Exp Zool** 1985 May;234(2):289–99

Mitogenic activity and in vitro fertilization inhibitory activity of Genypterus blacodes lectin. Oda Y, et al. **J Pharmacobiodyn** 1984 Nov;7(11):849–55

Reproductive performance of patients treated with clomiphene citrate. Nunley WC Jr, et al. **South Med J** 1985 Jan;78(1):31–3

Increased conception rate in dairy cows after PGF2 alpha [letter] Young IM, et al. **Vet Rec** 1985 Jan 5;116(1):26–7

[Toxicological studies on a new cephamycin, MT-141. X. Its perinatal and postnatal test in rats] Kurebe M, et al. **Jpn J Antibiot** 1984 Jun;37(6):1211–27 (Eng. Abstr.) (Jpn)

RADIATION EFFECTS

[Characteristics of the descendants of male dogs exposed to chronic combined gamma-irradiation and in the postradiation period] Fedorova NL, et al. **Radiobiologiia** 1985 Jan–Feb;25(1):69–73 (Eng. Abstr.) (Rus)

FERTILIZATION, DELAYED see FERTILIZATION

FERTILIZATION IN VITRO

In vitro fertilization for male infertility. Aitken RJ. **Acta Eur Fertil** 1984 Nov–Dec;15(6):425–9

The importance of the FSH/LH ratio in ovarian stimulation therapy regime for in vitro fertilization. Bhat AM, et al. **Acta Eur Fertil** 1984 Nov–Dec;15(6):449–53

Indications for in vitro fertilization. Cittadini E, et al. **Acta Eur Fertil** 1984 Sep–Oct;15(5):333–41

Treatment of male infertility by in vitro fertilization: factors affecting fertilization and pregnancy. Cohen J, et al. **Acta Eur Fertil** 1984 Nov–Dec;15(6):455–65

Oocyte maturation and fertilization in vitro. Fishel SB. **Acta Eur Fertil** 1985 Jan–Feb;16(1):13–9

Surrogate parenting. Friedman S. **Acta Eur Fertil** 1984 Nov–Dec;15(6):441–4

Recent data concerning the use of ovulation inductors during in vitro fertilization programs. Frydman R. **Acta Eur Fertil** 1985 Jan–Feb;16(1):5–11 (39 ref.)

The diagnostic value of in vitro fertilization and embryo transfer. Gianaroli L, et al. **Acta Eur Fertil** 1984 Jul–Aug; 15(4):249–52

Conception and realization of artificial dyed embryos for training in in vitro fertilization and embryo transfer (IVF and ET). Menezo Y, et al. **Acta Eur Fertil** 1985 Jan–Feb; 16(1):55–8

Gamete quality in human in vitro fertilization. Plachot M, et al. **Acta Eur Fertil** 1984 Nov–Dec;15(6):431–5

Problems related to the implantation of the human egg after in vitro fertilization. Psychoyos A, et al. **Acta Eur Fertil** 1985 Mar–Apr;16(2):107–9

In vitro fertilization and embryo transfer programme in Ljubljana. Tomaževič T, et al. **Acta Eur Fertil** 1985 Mar–Apr;16(2):133–7

Ectopic pregnancy and spontaneous abortions following in-vitro fertilization and embryo transfer. Lindenberg S, et al. **Acta Obstet Gynecol Scand** 1985;64(1):31–4

Ovarian hyperstimulation for successful in vitro fertilization and embryo transfer. Gronow MJ. **Acta Obstet Gynecol Scand [Suppl]** 1985;131:1–80

Comparison of the outcome of ovulation induction therapy in an in vitro fertilization program employing a low-dose and an individually adjusted high-dose schedule of human menopausal gonadotropins. Yuen BH, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):172–5

Making babies without sex: the law and the profits. Annas GJ. **Am J Public Health** 1984 Dec;74(12):1415–7

Effect of sperm antibodies in males on human in vitro fertilization (IVF). Clarke GN, et al. **Am J Reprod Immunol Microbiol** 1985 Jun;8(2):62–6

In vitro fertilization results for women with sperm antibodies in plasma and follicular fluid. Clarke GN, et al. **Am J Reprod Immunol Microbiol** 1985 Aug;8(4):130-1

Evaluation of commercially available radioimmunoassays for the determination of luteinizing hormone in serum and urine. Application for the detection of endogenous rise of luteinizing hormone in a in vitro fertilization program. Liu Y, et al. **Ann Biol Clin (Paris)** 1984;42(6):419–25

Human in vitro fertilization. Blasco L, et al. **Ann Clin Lab Sci** 1985 May–Jun;15(3):177–84

In vitro fertilization and embryo transfer. **Ann NY Acad Sci** 1985;442:1–619

Ovarian stimulation regimens in an in vitro fertilization program: a comparative analysis. Bayly CM, et al. **Ann NY Acad Sci** 1985;442:123–7

The impact of in vitro fertilization on tubal surgery for complete fimbrial obstruction. Boer-Meisel ME, et al. **Ann NY Acad Sci** 1985;442:533–5

Monitoring embryos after in vitro fertilization using early pregnancy factor. Chen C, et al. **Ann NY Acad Sci** 1985; 442:420–8

In vitro fertilization and embryo replacement: opening lecture. Edwards RG. **Ann NY Acad Sci** 1985;442:1–22

Helsinki statement on human in vitro fertilization. Edwards RG, et al. **Ann NY Acad Sci** 1985;442:571–2

Ethical and moral issues of in vitro fertilization. Introduction: the scientific basis of ethics. Edwards RG. **Ann NY Acad Sci** 1985;442:564–70

Ultrasonic and hormonal evaluation of luteal phases and early ongoing pregnancies after in vitro fertilization and embryo replacement. Feichtinger W, et al. **Ann NY Acad Sci** 1985; 442:445–54

Factors influencing human embryonic development in vitro. Fishel SB, et al. **Ann NY Acad Sci** 1985;442:342–56

The luteal phase after hyperstimulation for in vitro fertilization. Gronow MJ, et al. **Ann NY Acad Sci** 1985; 442:391–401

Psychological interviews in screening couples undergoing in vitro fertilization. Haseltine FP, et al. **Ann NY Acad Sci** 1985;442:504–22

Oocyte maturation as regulated by follicular factors. Hillensjö T, et al. **Ann NY Acad Sci** 1985;442:73–9

An economic and ethical way to introduce in vitro fertilization to infertility practice, and findings related to postcoital sperm/mucus penetration in isolated tubal, 'cervical,' and unexplained infertility. Hull MG, et al. **Ann NY Acad Sci** 1985;442:318-23

A practical ethical framework for in vitro fertilization and related reproductive interventions. Jansen RP. **Ann NY Acad Sci** 1985;442:595-600

Patient selection for in vitro fertilization: physical and psychological aspects. Johnston WI, et al. **Ann NY Acad Sci** 1985;442:490-503

Ethics of in vitro fertilization: 1984. Jones HW Jr. **Ann NY Acad Sci** 1985;442:577-82

Ethical and moral issues of in vitro fertilization. Juva M. **Ann NY Acad Sci** 1985;442:585-7

Psychosocial testing and pretreatment of women for in vitro fertilization. Kemeter P, et al. **Ann NY Acad Sci** 1985; 442:523-32

In vitro studies of human blastocyst implantation. Lindenberg S, et al. **Ann NY Acad Sci** 1985;442:368-74

Successful use of in vitro fertilization for patients with persisting low-quality semen. Mahadevan MM, et al. **Ann NY Acad Sci** 1985;442:293-300

Chromosome studies of early human embryos: proof of fertilization in uncleaved human oocytes. Mettler L, et al. **Ann NY Acad Sci** 1985;442:458-65

Successful in vitro fertilization with sperm cells from a man with immune infertility. Naaktgeboren N, et al. **Ann NY Acad Sci** 1985;442:304-9

Maternal recognition of pregnancy prior to implantation: methods for monitoring embryonic viability in vitro and in vivo. O'Neill C, et al. **Ann NY Acad Sci** 1985;442:429-39

Sperm phagocytosis by corona cells in a human in vitro fertilization system. Pijnenborg R, et al. **Ann NY Acad Sci** 1985;442:310-7

Impairment of human embryo development after abnormal in vitro fertilization. Plachot M, et al. **Ann NY Acad Sci** 1985;442:336-41

Chromosome analysis of human oocytes and embryos fertilized in vitro. Rudak E, et al. **Ann NY Acad Sci** 1985; 442:476-86

Jewish and Moslem aspects of in vitro fertilization and embryo transfer. Schenker JG. **Ann NY Acad Sci** 1985; 442:601-7

Genetic aspects of in vitro fertilization. Schulman JD, et al. **Ann NY Acad Sci** 1985;442:466-75

The world collaborative report on in vitro fertilization and embryo replacement: current state of the art in January 1984. Seppälä M. **Ann NY Acad Sci** 1985;442:558-63

The ethics of the reproduction revolution. Singer P. **Ann NY Acad Sci** 1985;442:588-94

Monitoring of postimplantation embryo viability by measurement of PAPP-A, SP1, and hCG. Sinosich MJ, et al. **Ann NY Acad Sci** 1985;442:440-4

Historical aspects of the ethics of in vitro fertilization. Steptoe P. **Ann NY Acad Sci** 1985;442:573-6

The selection of couples for in vitro fertilization and embryo replacement. Steptoe P. **Ann NY Acad Sci** 1985;442:487-9

Polyspermy in in vitro fertilization of human oocytes: frequency and possible causes. van der Ven HH, et al. **Ann NY Acad Sci** 1985;442:88-95

Extracorporeal maturation: Norfolk, 1984. Veeck LL. **Ann NY Acad Sci** 1985;442:357-67

Pregnancy proteins in the endometrium after follicle aspiration for in vitro fertilization. Wahlström T, et al. **Ann NY Acad Sci** 1985;442:402-7

Hormonal correlates with polyspermy. Webster BW, et al. **Ann NY Acad Sci** 1985;442:332-5

The management of oligospermic infertility by in vitro fertilization. Yovich JL, et al. **Ann NY Acad Sci** 1985; 442:276-86

IVF/Andrology International Symposium. September 13-16, 1984. Kiawah, South Carolina, USA. Abstracts. **Arch Androl** 1984;12(2-3):127-86

Preparation of human spermatozoa for in vitro fertilization by isopycnic centrifugation on self-generating density gradients. Bolton VN, et al. **Arch Androl** 1984; 13(2-3):167-76

Nuclear chromatin decondensation abilities of human sperm. Huret JL, et al. **Arch Androl** 1984;12 Suppl:19-22

Hamster ova/human sperm penetration: correlation with count, motility, and morphology for in vitro fertilization. Swanson RJ, et al. **Arch Androl** 1984;12 Suppl:69-77

Hormonal and ultrasonic characteristics of 23 clomiphene citrate stimulated cycles resulting in pregnancies after in vitro fertilization and embryo transfer. Hünlich T, et al. **Arch Gynecol** 1984;236(1):19-33

A new set of instruments for sonographically controlled follicular puncture. Trotnow S, et al. **Arch Gynecol** 1985; 236(4):211-7

Effect of human seminal plasma and mouse accessory gland extracts on mouse fertilization in vitro. Quinn P, et al. **Aust J Biol Sci** 1984;37(3):147-52

The results of the I.V.F. program in Hobart [letter] Correy JF, et al. **Aust NZ J Obstet Gynaecol** 1984 Aug;24(3):227

Monitoring early production of chorionic gonadotrophin (HCG) following in vitro fertilization and embryo transfer. Hay DL, et al. **Aust NZ J Obstet Gynaecol** 1984 Aug; 24(3):206-9

Endocrinology of ovarian stimulation for in vitro fertilization. Kerin JF, et al. **Aust NZ J Obstet Gynaecol** 1984 May; 24(2):121-4

The use of donor eggs and embryos in the management of human infertility. Leeton J, et al. **Aust NZ J Obstet Gynaecol** 1984 Nov;24(4):265-70 (16 ref.)

Unexplained infertility and the possibilities of management with in vitro fertilization and embryo transfer. Leeton J, et al. **Aust NZ J Obstet Gynaecol** 1984 May;24(2):131-4

Indications for the treatment of tubal infertility patients by microsurgery or in vitro fertilization. Paterson PJ. **Aust NZ J Obstet Gynaecol** 1984 Nov;24(4):262-4

Assessment and hormonal treatment of the luteal phase of in vitro fertilization cycles. Yovich JL, et al. **Aust NZ J Obstet Gynaecol** 1984 May;24(2):125-30

Granulosa cell steroidogenesis before in vitro fertilization. Hillier SG, et al. **Biol Reprod** 1984 Nov;31(4):679-86

Effects of in vivo and in vitro fertilization environments on the expression of a surface antigen of the mouse sperm tail. Vernon RB, et al. **Biol Reprod** 1985 Apr;32(3):669-80

Sperm concentration and the fertilization of human eggs in vitro. Wolf DP, et al. **Biol Reprod** 1984 Nov;31(4):837-48

Bilateral tubal ectopic pregnancy following in-vitro fertilization and embryo replacement. Case report. Hewitt J, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):850-2

A simplified approach to oocyte recovery for in-vitro fertilization. Little DJ, et al. **Br J Obstet Gynaecol** 1985 Feb;92(2):180-1

Research on early human embryos from in-vitro fertilization (IVF): the Warnock recommendations. McLaren A. **Br J Obstet Gynaecol** 1985 Apr;92(4):305-7

Reduced in-vitro fertilization of human oocytes from patients with raised basal luteinizing hormone levels during the follicular phase. Stanger JD, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):385-93

Relation between pregnancy-associated plasma protein A (PAPP-A) in human peri-ovulatory follicle fluid and the collection and fertilization of human ova in vitro. Stanger JD, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):786-92

Hormonal profiles in the follicular phase, luteal phase and first trimester of pregnancies arising from in-vitro fertilization. Yovich JL, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):374-84

Repeated pregnancies following in vitro fertilisation therapy in cases of male infertility. Hewitt J, et al. **Br J Urol** 1985 Aug;57(4):484-5

Cancer, chemotherapy, and fertility [letter] Rowland GF, et al. **Br Med J [Clin Res]** 1985 May 25;290(6481):1587

Clinical implications of developments in in vitro fertilisation. Wood C, et al. **Br Med J [Clin Res]** 1984 Oct 13; 289(6450):978-80

In vitro fertilization and embryo transfer of rabbit oocytes collected at different times after P-LH injection. Al-Hasani S, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Aug; 17(6):417-23

Technique and results of ovarian microsurgery in preparation for in vitro fertilization. Winston RM, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec;18(5-6):381-90

The zona-free hamster egg penetration assay as a prognostic indicator in a human in vitro fertilization program. Ausmanas M, et al. **Fertil Steril** 1985 Mar;43(3):433-7

Estradiol in saliva for monitoring follicular stimulation in an in vitro fertilization program. Belkien LD, et al. **Fertil Steril** 1985 Sep;44(3):322-7

Effect of clomiphene citrate on human spermatozoal motility and fertilizing capacity in vitro. Chan SY, et al. **Fertil Steril** 1985 May;43(5):773-6

The role of in vitro fertilization in infertile patients with endometriosis. Chillik CF, et al. **Fertil Steril** 1985 Jul; 44(1):56-61

In vitro fertilization: a treatment for male infertility. Cohen J, et al. **Fertil Steril** 1985 Mar;43(3):422-32

In vitro fertilization using cryopreserved donor semen in cases where both partners are infertile. Cohen J, et al. **Fertil Steril** 1985 Apr;43(4):570-4

Infertile men and in vitro fertilization therapy [letter] Cohen J, et al. **Fertil Steril** 1985 Sep;44(3):429-30

Xenogenous and in vitro fertilization of frozen/thawed primate oocytes and blastomere separation of embryos. DeMayo FJ, et al. **Fertil Steril** 1985 Feb;43(2):295-300

Polyspermy: effect of varying stimulation protocols and inseminating sperm concentrations. Diamond MP, et al. **Fertil Steril** 1985 May;43(5):777-80

Selection of superior stimulation protocols for follicular development in a program for in vitro fertilization. Diamond MP, et al. **Fertil Steril** 1985 Feb;43(2):251-4

Growth rate of follicular estrogen secretion in relation to the outcome of in vitro fertilization and embryo replacement. Dirnfeld M, et al. **Fertil Steril** 1985 Mar; 43(3):379-84

Altered follicular development in clomiphene citrate versus human menopausal gonadotropin-stimulated cycles for in vitro fertilization. Dlugi AM, et al. **Fertil Steril** 1985 Jan; 43(1):40-7

Use of spinal anesthesia in laparoscopy for in vitro fertilization. Endler GC, et al. **Fertil Steril** 1985 May; 43(5):809-10

Delayed appearance of plasmatic chorionic gonadotropin in pregnancies after in vitro fertilization and embryo transfer. Englert Y, et al. **Fertil Steril** 1984 Dec;42(6):835-8

Psychological evaluation and support in a program of in vitro fertilization and embryo transfer. Freeman EW, et al. **Fertil Steril** 1985 Jan;43(1):48-53

The use of a mobile laboratory cart in a successful university-based human in vitro fertilization program. Gerrity M, et al. **Fertil Steril** 1985 Mar;43(3):481-4

The fetus is a graft, both biologically and legally [editorial] Gleicher N. **Fertil Steril** 1984 Dec;42(6):824-5

Treatment of idiopathic infertility, cervical mucus hostility, and male infertility: artificial insemination with husband's semen or in vitro fertilization? Hewitt J, et al. **Fertil Steril** 1985 Sep;44(3):350-5

Computer-assisted measurement of sperm swimming speed in human semen: correlation of results with in vitro fertilization assays. Holt WV, et al. **Fertil Steril** 1985 Jul; 44(1):112-9

The effect of follicle-stimulating hormone without additional luteinizing hormone on follicular stimulation and oocyte development in normal ovulatory women. Jones GS, et al. **Fertil Steril** 1985 May;43(5):696-702

Three years of in vitro fertilization at Norfolk. Jones HW Jr, et al. **Fertil Steril** 1984 Dec;42(6):826-34

Analysis of the outcome of in vitro fertilization in relation to the timing of human chorionic gonadotropin administration by the duration of estradiol rise in stimulated cycles. Levran D, et al. **Fertil Steril** 1985 Sep;44(3):335-41

Removal of the cumulus oophorus from the human oocyte for in vitro fertilization. Mahadevan MM, et al. **Fertil Steril** 1985 Feb;43(2):263-7

Serum is not necessary in human in vitro fertilization, early embryo culture, and transfer. Menezo Y, et al. **Fertil Steril** 1984 Nov;42(5):750-5

The combination of follicle-stimulating hormone and human menopausal gonadotropin for the induction of multiple follicular maturation for in vitro fertilization. Muasher SJ, et al. **Fertil Steril** 1985 Jul;44(1):62-9

Asynchronous ovulation in human menopausal gonadotropin induction of ovulation for in vitro fertilization. Navot D, et al. **Fertil Steril** 1984 Nov;42(5):806-7

Sequential use of clomiphene citrate, human menopausal gonadotropin, and human chorionic gonadotropin in human in vitro fertilization. I. Follicular growth and oocyte suitability. Plachot M, et al. **Fertil Steril** 1985 Feb; 43(2):255-62

Ultrasonic preovulatory follicular appearances as an indicator of the outcome of an in vitro fertilization cycle. Roberts AB, et al. **Fertil Steril** 1985 Apr;43(4):560-4

Motility, expression of surface antigen, and X and Y human sperm separation in in vitro fertilization medium. Sarkar S. **Fertil Steril** 1984 Dec;42(6):899-905

Development of multiple ovarian follicles for in vitro fertilization in a patient with an undiagnosed ectopic pregnancy. Serafini P, et al. **Fertil Steril** 1985 Apr; 43(4):656-8

Sperm factors and fertilization in vitro [letter] Sheriff DS. **Fertil Steril** 1985 Apr;43(4):669-71

Monitoring of postimplantation embryo viability following successful in vitro fertilization and embryo transfer by measurement of placental proteins. Sinosich MJ, et al. **Fertil Steril** 1985 Jul;44(1):70-4

Simultaneous ectopic pregnancy with intrauterine twin gestations after in vitro fertilization and embryo transfer. Sondheimer SJ, et al. **Fertil Steril** 1985 Feb;43(2):313-6

The in vitro fertilization pregnancy rate: let's be honest with one another [editorial] Soules MR. **Fertil Steril** 1985 Apr; 43(4):511-3

Male factor evaluation in in vitro fertilization: Norfolk experience. Van Uem JF, et al. **Fertil Steril** 1985 Sep; 44(3):375-83

The effect of different methods of ovarian stimulation for human in vitro fertilization and embryo replacement. Vargyas JM, et al. **Fertil Steril** 1984 Nov;42(5):745-9

Factors influencing pregnancy rates following in vitro fertilization and embryo transfer. Wood C, et al. **Fertil Steril** 1985 Feb;43(2):245-50

Early luteal serum progesterone concentrations are higher in pregnancy cycles. Yovich JL, et al. **Fertil Steril** 1985 Aug;44(2):185-9

Embryo transfer technique as a cause of ectopic pregnancies in in vitro fertilization. Yovich JL, et al. **Fertil Steril** 1985 Sep;44(3):318-21

Cytologic investigation of human in vitro fertilization failures. Zenzes MT, et al. **Fertil Steril** 1985 Jun; 43(6):883-91

Redefining parenthood and protecting embryos: why we need new laws. Annas GJ. **Hastings Cent Rep** 1984 Oct; 14(5):50-2

Australia: in vitro fertilization and more. Thomson CJ. **Hastings Cent Rep** 1984 Dec;14(6):14-5

The influence of transient hyperprolactinemia on in vitro fertilization in humans. Forman R, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):517-22

Adenosine 3',5'-monophosphate levels in human follicular fluid: relationship to oocyte maturation and achievement of pregnancy after in vitro fertilization. Tarlatzis BC, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1111-5

Maturation and fertilization of bovine oocytes in vitro. Ball GD, et al. **J Dairy Sci** 1984 Nov;67(11):2775-85 (58 ref.)

In vitro maturation of bovine cumulus enclosed primary oocytes and their subsequent in vitro fertilization and cleavage. Hensleigh HC, et al. **J Dairy Sci** 1985 Jun; 68(6):1456-62

Cross fertilization in vivo and in vitro between three species of vesper mice, Calomys (Rodentia, Cricetidae). Roldan ER, et al. **J Exp Zool** 1985 Mar;233(3):433-42

Abstracts of the Third World Congress of In Vitro Fertilization and Embryo Transfer. May 14-17, 1984, Helsinki, Finland. **J In Vitro Fert Embryo Transfer** 1984 Jun;1(2):97-151

Morphology and X–ray microprobe analysis of spermatozoa from fertile and infertile men in in vitro fertilization. Appleton TC, et al. **J In Vitro Fert Embryo Transfer** 1984 Sep;1(3):188–203

In vitro fertilization and embryo transfer program in Clamart, France. Belaisch–Allart JC, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):51–5

In vitro fertilization and embryo transfer at North Shore University Hospital: initial experiences. Bronson RA, et al. **J In Vitro Fert Embryo Transfer** 1984 Sep;1(3):204–8

Pregnancies following the frozen storage of expanding human blastocysts. Cohen J, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):59–64

The day of initiation of human menopausal gonadotropin stimulation affects follicular growth in in vitro fertilization cycles. Diugi AM, et al. **J In Vitro Fert Embryo Transfer** 1985 Mar;2(1):33–40

Legal issues raised by in vitro fertilization and embryo transfer in the United States. Fanta JC. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):65–86

Organization and computerized analysis of in vitro fertilization and embryo transfer programs. Feichtinger W, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):34–41

Laparoscopic or ultrasonically guided follicle aspiration for in vitro fertilization? Feichtinger W, et al. **J In Vitro Fert Embryo Transfer** 1984 Dec;1(4):244–9

The application of the zona–free hamster egg test for the prognosis of human in vitro fertilization. Foreman R, et al. **J In Vitro Fert Embryo Transfer** 1984 Sep;1(3):166–71

In vitro fertilization in Norfolk, Virginia, 1980–1983. Garcia J, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):24–8

A comparison of personality characteristics between in vitro fertilization patients and other infertile patients. Given JE, et al. **J In Vitro Fert Embryo Transfer** 1985 Mar;2(1):49–54

Human in vitro fertilization in a private program: Reproductive Genetics in Vitro, P.C. Henry GP, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):76–9

Seminal bacterial pathogens and in vitro fertilization. Hewitt J, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):105–7

Brief report of activity within the 6–month period between January 1, 1983, and June 30, 1983, in Vitro Fertilization and Embryo Transfer Program. Hung TT, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):86–8

Summary of the University of Utah in Vitro Fertilization Program. Jones KP, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):80–2

In vitro fertilization and embryo transfer program, Department of Obstetrics and Gynecology, University of Adelaide at the Queen Elizabeth Hospital, Woodville, South Australia. Kerin JF, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):63–71

The in vitro fertilization program in Helsinki. Koskimies AI, et al. **J In Vitro Fert Embryo Transfer** 1984 Sep;1(3):208–9

Human in vitro fertilization employing individualized ovulation induction by human menopausal gonadotropins. Laufer N, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):56–62

Pregnancy without ovarian function. Lutjen P, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):107–8

Analysis of human spermatozoa before and after processing for in vitro fertilization. McDowell JS, et al. **J In Vitro Fert Embryo Transfer** 1985 Mar;2(1):23–6

In vitro fertilization and embryo replacement at the Department of Obstetrics and Gynecology, University of Kiel, F.R.G. Mettler L, et al. **J In Vitro Fert Embryo Transfer** 1984 Dec;1(4):250–62

Deep–freezing and transfer of human embryos. Mohr LR, et al. **J In Vitro Fert Embryo Transfer** 1985 Mar;2(1):1–10

Follicular–phase response in two clomiphene–human menopausal gonadotropin regimes for an in vitro fertilization program. Ng SC, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):94–8

Program for in vitro fertilization and embryo transfer, Department of Obstetrics and Gynecology, University Central Hospital, Turku, Finland. Nikkanen V, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):109–10

Maternal blood platelet physiology and luteal–phase endocrinology as a means of monitoring pre– and postimplantation embryo viability following in vitro fertilization. O'Neill C, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):87–93

Inherent sources of ultrasound variability in relation to follicular measurements. Prins GS, et al. **J In Vitro Fert Embryo Transfer** 1984 Dec;1(4):221–5

Human in vitro fertilization and embryo transfer at the University of Texas, Houston. Quigley MM, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):29–33

Preliminary experience with a combination of clomiphene and variable dosages of menopausal gonadotropins for enhanced follicular recruitment. Quigley MM, et al. **J In Vitro Fert Embryo Transfer** 1985 Mar;2(1):11–6

Center for in vitro fertilization, Québec, Canada. Rioux JE, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):89–90

In vitro fertilization and embryo transfer: the Johns Hopkins Hospital, Baltimore, Maryland. Rock JA, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):110–2

University of Chicago in Vitro Fertilization Program at Michael Reese Hospital and Medical Center. Scommegna A, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):90–3

Ultrasonic assessment of endometrial changes in stimulated cycles in an in vitro fertilization and embryo transfer program. Smith B, et al. **J In Vitro Fert Embryo Transfer** 1984 Dec;1(4):233–8

Some clinical results of in vitro fertilization by the Malmö Group, Sweden. Sundström P, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):48–50

Initial experience with in vitro fertilization and embryo transfer at the University of Calgary/Foothills Hospital. Taylor PJ, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):112–3

In vitro fertilization results, 1979–1982, at Monash University, Queen Victoria, and Epworth Medical Centres. Trounson A, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):42–7

Implementation of an in vitro fertilization program. Utian WH, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):72–5

In vitro fertilization and embryo transfer in Pretoria, South Africa. Van der Merwe JV, et al. **J In Vitro Fert Embryo Transfer** 1985 Mar;2(1):55–6

The antiestrogenic effect of clomiphene on perineal tumescence of the baboon in an in vitro fertilization program. Van der Merwe JV, et al. **J In Vitro Fert Embryo Transfer** 1985 Mar;2(1):46–8

Ultrasound as a diagnostic and operative tool for in vitro fertilization and embryo replacement (IVF/ER) programs. Wikland M, et al. **J In Vitro Fert Embryo Transfer** 1984 Dec;1(4):213–6

The occurrence of relaxin in hyperstimulated human preovulatory follicles collected in an in vitro fertilization program. Yki–Järvinen H, et al. **J In Vitro Fert Embryo Transfer** 1984 Sep;1(3):180–2

Clinical experiences with in vitro fertilization–embryo transfer at Mount Sinai Hospital Medical Center of Chicago. Young RJ, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar;1(1):93–4

The limitations of in vitro fertilization from males with severe oligospermia and abnormal sperm morphology. Yovich JL, et al. **J In Vitro Fert Embryo Transfer** 1984 Sep;1(3):172–9

Fetal abnormality (Goldenhar syndrome) occurring in one of triplet infants derived from in vitro fertilization with possible monozygotic twinning. Yovich JL, et al. **J In Vitro Fert Embryo Transfer** 1985 Mar;2(1):27–32

Initial experience with in vitro fertilization in New Jersey. Kemmann E, et al. **J Med Soc NJ** 1984 Oct;81(10):849–54

Significance of Poisson distribution theory in analysing the interaction between human spermatozoa and zona–free hamster oocytes. Aitken RJ, et al. **J Reprod Fertil** 1984 Nov;72(2):311–21

Albumin is required to support the acrosome reaction but not capacitation in mouse spermatozoa in vitro. Fraser LR. **J Reprod Fertil** 1985 May;74(1):185–96

Generation of mouse oocyte monoclonal isoantibodies: their effects and those of antisperm monoclonal antibodies on in vitro fertilization. Lee CY, et al. **J Reprod Immunol** 1985 Jan;7(1):3–13

Application of simplified laser laparoscopy to preparation of the pelvis for in vitro fertilization. Keye WR Jr, et al. **J Reprod Med** 1985 May;30(5):418–20

Patient reaction to IVF treatment [letter] Alder E, et al. **Lancet** 1985 Jan 19;1(8421):168

Salivary progesterone profile after in–vitro fertilisation/embryo transfer [letter] Cedard L, et al. **Lancet** 1985 Mar 9;1(8428):577–8

Birth after replacement of hatching blastocyst cryopreserved at expanded blastocyst stage [letter] Cohen J, et al. **Lancet** 1985 Mar 16;1(8429):647

A government bill on surrogate motherhood? Deitch R. **Lancet** 1985 Jan 19;1(8421):178

Early prognosis for IVF pregnancies through plasma oestrogens [letter] Emperaire JC, et al. **Lancet** 1984 Nov 17;2(8412):1151

Pregnancy after total ovariectomy achieved by ovum donation [letter] Feichtinger W, et al. **Lancet** 1985 Sep 28;2(8457):722–3

Human fertilisation in vitro compared with nature [letter] Fleming J, et al. **Lancet** 1985 Jan 19;1(8421):168

Cryopreservation of semen in patients with malignant disease: role of in–vitro fertilisation [letter] Hewitt J, et al. **Lancet** 1985 Aug 24;2(8452):446–7

In–vitro fertilisation [letter] Hull MG, et al. **Lancet** 1984 Oct 6;2(8406):808

Causes of implantation failure after in–vitro fertilisation and embryo transfer [letter] O'Neill C, et al. **Lancet** 1985 Sep 14;2(8455):615

Endometriosis and in–vitro fertilisation [letter] O'Shea RT, et al. **Lancet** 1985 Sep 28;2(8457):723

Conception rates after IVF in women with previous ectopic pregnancy [letter] Peek JC, et al. **Lancet** 1985 Aug 3;2(8449):275–6

Pregnancy after perurethral transvesical oocyte recovery and in–vitro fertilisation [letter] Pring D, et al. **Lancet** 1985 Jun 15;1(8442):1395–6

In–vitro fertilisation for men with obstructive azoospermia [letter] Pryor J, et al. **Lancet** 1984 Sep 29;2(8405):762

Selection of infertile men for in–vitro fertilisation [letter] Rowland G, et al. **Lancet** 1984 Nov 17;2(8412):1150–1

Twin pregnancy after pituitary desensitisation with LHRH agonist and pure FSH [letter] Shaw RW, et al. **Lancet** 1985 Aug 31;2(8453):506–7

Endometriosis and ovulatory disorder: reduced fertilisation in vitro compared with tubal and unexplained infertility. Wardle PG, et al. **Lancet** 1985 Aug 3;2(8449):236–9

IVF versus nature [letter] Winston R, et al. **Lancet** 1985 Feb 2;1(8423):284

In–vitro fertilisation for endometriosis [letter] Yovich JL, et al. **Lancet** 1985 Sep 7;2(8454):552

Embryo quality and pregnancy rates in in–vitro fertilisation [letter] Yovich JL. **Lancet** 1985 Feb 2;1(8423):283–4

In vitro fertilization rate of mouse eggs with sperm after X–irradiation at various spermatogenetic stages. Matsuda Y, et al. **Mutat Res** 1985 Jan–Feb;142(1–2):59–63

Frozen embryos: policy issues. Grobstein C, et al. **N Engl J Med** 1985 Jun 13;312(24):1584–8

Embryos untouched [news] **Nature** 1985 Feb 21–27;313(6004):612

An appeal to embryologists [news] **Nature** 1985 Mar 7–13;314(6006):11

Embryo research (contd) [letter] **Nature** 1985 Apr 25–May 1;314(6013):666

Confused comment on Warnock [news] **Nature** 1984 Nov 29–Dec 5;312(5993):389

Warnock proposals in trouble [editorial] **Nature** 1985 Feb 7–13;313(6002):417

UK agonizes on embryo research [news] **Nature** 1985 Feb 7–13;313(6002):424

Voluntary authority set up [news] Clarke M. **Nature** 1985 Apr 4–10;314(6010):397

Unborn children (protection) bill. Evans HJ, et al. **Nature** 1985 Mar 14–20;314(6007):127–8

Status of IVF embryos [letter] Goodhart CB. **Nature** 1985 Mar 14–20;314(6007):126

In vitro fertilization [news] Neffe J. **Nature** 1985 Jun 6–12;315(6019):446

In vitro fertilization: surrogacy ban by Victoria state [news] Sellar J. **Nature** 1984 Sep 27–Oct 3;311(5984):288

France seeks policy in haste [news] Walgate R. **Nature** 1985 Feb 28–Mar 6;313(6005):728

In vitro fertilization at the North Carolina Memorial Hospital in Chapel Hill. Talbert LM, et al. **NC Med J** 1985 Jun;46(6):338–40

Issues arising from in vitro fertilisation, artificial insemination by donor and related problems in biotechnology. **NZ Med J** 1985 May 22;98(779):396–8

Issues arising from artificial conception practices. Aickin DR. **NZ Med J** 1985 Mar 27;98(775):186–7

The development of a programme for in vitro fertilisation in New Zealand. Graham FM, et al. **NZ Med J** 1985 Mar 27;98(775):177–81

Relationship between follicular fluid steroid concentrations and in vitro fertilization. Uehara S, et al. **Obstet Gynecol** 1985 Jul;66(1):19–23

Pregnancy related to infertility diagnosis, number of attempts, and age in a program of in vitro fertilization. Wilkes CA, et al. **Obstet Gynecol** 1985 Sep;66(3):350–2

In vitro fertilization. Garcia JE. **Obstet Gynecol Annu** 1985;14:45–72 (76 ref.)

The fetus––law, ethics and experimentation [editorial] Bromberger B. **Pathology** 1985 Jan;17(1):1–3

In vitro fertilization. The Scripps Clinic experience. Rakoff JS, et al. **Postgrad Med** 1985 Sep 1;78(3):167–9, 172, 175 passim

Current status of human conception in vitro. Edwards RG. **Proc R Soc Lond [Biol]** 1985 Feb 22;223(1233):417–48 (102 ref.)

Fertilization and cleavage in vitro of baboon oocytes. Iraigler UM, et al. **S Afr Med J** 1984 Sep 22;66(12):447–50

The effect of surgical glove powder on cleavage of two–cell mouse embryos in an in vitro fertilization programme. Kruger TF, et al. **S Afr Med J** 1985 Feb 16;67(7):241–2

The role of the social worker in the in–vitro fertilization program. Greenfeld D, et al. **Soc Work Health Care** 1984 Winter;10(2):71–9

Pregnancy following in vitro fertilization using cryopreserved semen from a man with testicular teratoma. Rowland GF, et al. **Urology** 1985 Jul;26(1):33–6

Female adolescents with Chlamydia. Tomorrow's candidates for in vitro fertilization? Schachter J, et al. **West J Med** 1985 Jul;143(1):101–2

In vitro fertilization: problems in culture conditions and embryo transfer. Wramsby H, et al. **Zentralbl Gynakol** 1984;106(13):907–10

[Legal admissibility and the consequences of artificial insemination and inovulation] Haderka J. **Cesk Gynekol** 1985 Jul;50(6):431–6 (Cze)

[Tubal pregnancy after fertilization in vitro and transfer of the embryo into the uterus] Pilka L, et al. **Cesk Gynekol** 1984 Nov;49(9):649–51 (Cze)

[Pregnancy after human embryo transfer preserved by freezing] Presl J. **Cesk Gynekol** 1985 Mar;50(2):149–50 (Cze)

[Ethical aspects of in–vitro fertilization: a critical reaction to the interim recommendation of the Public Health Council concerning in vitro fertilization] Fretz L. **Ned Tijdschr Geneeskd** 1985 Mar 2;129(9):393–5 (Eng. Abstr.) (Dut)

[Criteria for evaluating the quality of embryos obtained by IVF and their aptitude for implantation] Humeau C. **Ann Biol Clin (Paris)** 1985;43(1):23–6 (Eng. Abstr.) (Fre)

[Criteria for evaluating the quality of ovocytes and their aptitude for IVF] Testart J. **Ann Biol Clin (Paris)** 1985;43(1):17–21 (Eng. Abstr.) (Fre)

[In vitro fertilization: 5 years, soon the age of reason (editorial)] Plachot M, et al. **Ann Genet (Paris)** 1984; 27(3):133 (Fre)

[Failures at in vitro fertilization: electron microscopic studies of unfertilized oocytes and undivided ova] Arnal F, et al. **Bull Assoc Anat (Nancy)** 1983 Dec;67(199):363–74 (Eng. Abstr.) (Fre)

[In vitro fertilization and human embryo transfer: biological problems] Dalerna M, et al. **J Genet Hum** 1984 Jul; 32(3):229–33 (Eng. Abstr.) (Fre)

[Indications for in vitro fertilization and embryo transfer] Campana A, et al. **J Genet Hum** 1984 Jul;32(3):235–41 (Eng. Abstr.) (Fre)

[Medical genetics and in vitro fertilization with embryo transfer] Pescia G. **J Genet Hum** 1984 Jul;32(3):243–4 (Fre)

[Results of preparatory surgery for in vitro fertilization with embryo transfer] Cohen J, et al.
J Gynecol Obstet Biol Reprod (Paris) 1985;14(2):223–5 (Eng. Abstr.) (Fre)

[Distal tubal obstructions: microsurgery or in vitro fertilization] Mage G, et al.
J Gynecol Obstet Biol Reprod (Paris) 1984;13(8):933–7 (Eng. Abstr.) (Fre)

[Characteristics of pregnancies obtained by in vitro fertilization] Salat-Baroux J, et al.
J Gynecol Obstet Biol Reprod (Paris) 1985;14(3):365–74 (Eng. Abstr.) (Fre)

[Pregnancies by fertilization in vitro. Biochemistry of the follicular fluid] Cristol P, et al. **Pathol Biol (Paris)** 1985 Mar;33(3):155–61 (Eng. Abstr.) (Fre)

[In vitro fertilization or surgery in the treatment of tubal sterility] Nicollet B. **Rev Fr Gynecol Obstet** 1985 Jul; 80(7):529–31 (Eng. Abstr.) (Fre)

[Short-time in vitro insemination of rabbit oocytes collected in vivo and autologous transfer] Al-Hasani S. **DTW** 1985 Jan 6;92(1):12–3 (Eng. Abstr.) (Ger)

[In vitro fertilization and further development of deep-frozen/thawed mouse oocytes] Michaelis U, et al. **DTW** 1985 Jan 6;92(1):16–8 (Eng. Abstr.) (Ger)

[Risky artificial paternity. Legal aspects of in vitro fertilization suggest caution for physicians in the use of these technics] Krautkrämer H. **Fortschr Med** 1984 Nov 22;102(43):80–1 (Ger)

[Chromosome studies in early human embryo stages] Michelmann HW. **Fortschr Med** 1985 Mar 14;103(10):265–7 (Eng. Abstr.) (Ger)

[In-vitro-fertilization: chromosome analysis of unfertilized human oocytes] Vogel R, et al.
Geburtshilfe Frauenheilkd 1985 Jun;45(6):382–5 (Eng. Abstr.) (Ger)

[Cost-carrying responsibility in unsuccessful extracorporeal fertilization] Schlund GH. **Geburtshilfe Frauenheilkd** 1984 Sep;44(9):593–4 (Eng. Abstr.) (Ger)

[Incidence of single and multiple births following in vitro fertilization (letter)] Selbmann HK.
Geburtshilfe Frauenheilkd 1984 Sep;44(9):611 (Ger)

[In vitro fertilization in reduced male fertility] Lehmann F, et al. **Gynakologe** 1985 Jun;18(2):111–5 (Ger)

[Extracorporeal fertilization and embryo transfer] Haake KA. **Zentralbl Gynakol** 1984;106(13):885–91 (Eng. Abstr.) (Ger)

[Personal experience with in vitro fertilization and embryo transfer] Pilka L, et al. **Zentralbl Gynakol** 1984; 106(13):928–31 (Eng. Abstr.) (Ger)

[First experience with an in vitro fertilization program at the Rostock University Clinic of Gynecology and Obstetrics] Sudik R, et al. **Zentralbl Gynakol** 1984; 106(13):911–5 (Eng. Abstr.) (Ger)

[Ectopic pregnancy following in vitro fertilization and embryo transfer] Sudik R, et al. **Zentralbl Gynakol** 1984; 106(22):1495–9 (Eng. Abstr.) (Ger)

[Regulations for practice of human in vitro fertilization and embryo transfer (editorial)] Schenker JG, et al.
Harefuah 1985 Feb 1;108(3):153–4 (Heb)

[Preliminary data on our experience of in vitro fertilization-embryo transfer in the treatment of sterility] Di Gregorio A, et al. **Minerva Ginecol** 1984 Sep; 36(9):529–33 (Eng. Abstr.) (Ita)

[Application of monoclonal antibodies to sperm and egg antigens for analysis of fertilization mechanism] Kayama K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Sep; 36(9):1359–66 (Jpn)

[Methodological study for human in-vitro fertilization related to maturity of gametes] Kubo H, et al.
Nippon Sanka Fujinka Gakkai Zasshi 1985 Feb;37(2):257–64 (Eng. Abstr.) (Jpn)

[The first babies in Norway after in vitro fertilization] Kahn JA, et al. **Tidsskr Nor Laegeforen** 1985 Mar 20;105(8):565–7 (Eng. Abstr.) (Nor)

[Pregnancy obtained by in vitro fertilization and embryo transfer] Costoya A, et al. **Rev Chil Obstet Ginecol** 1984; 49(3):206–16 (Eng. Abstr.) (Spa)

[Effect of the daily concentration of estradiol on the morphological characteristics of the cumulus-corona-oocyte complex obtained in in vitro fertilization programs] Zegers F, et al.
Rev Chil Obstet Ginecol 1984;49(5):330–6 (Eng. Abstr.) (Spa)

DRUG EFFECTS

The use of pure FSH alone or in combination for ovulation stimulation in in vitro fertilization. Acosta AA, et al. **Acta Eur Fertil** 1985 Mar–Apr;16(2):81–99

Fentanyl does not inhibit fertilization or early development of sea urchin eggs. Bruce DL, et al. **Anesth Analg** 1985 May;64(5):498–500

High-dose human menopausal gonadotropin therapy for successful ovulation induction for in vitro fertilization in perimenopausal women. Friberg J, et al.
Ann NY Acad Sci 1985;442:168–77

An analysis of endocrine indices that may identify conceptual cycles prospectively in an in vitro fertilization program. McBain JC, et al. **Ann NY Acad Sci** 1985;442:140–5

Use of various ovarian stimulation methods to improve oocyte and embryo production for human in vitro fertilization. Marrs RP, et al. **Ann NY Acad Sci** 1985; 442:112–8

Selection of agents for enhanced follicular recruitment in an in vitro fertilization and embryo replacement treatment program. Quigley MM. **Ann NY Acad Sci** 1985;442:96–111

Specific effects of FSH and LH on follicular development and oocyte retrieval as determined by a program for in vitro fertilization. Seegar Jones GE, et al.
Ann NY Acad Sci 1985;442:119–22

Comparative effect of clomiphene and clomiphene/hMG on the preovulatory follicles and fertilizability of the oocyte. Testart J, et al. **Ann NY Acad Sci** 1985;442:128–39

Biological effects of trilostane in vitro on oocyte maturation and fertilization in the hamster. Suzuki S, et al.
Experientia 1984 Nov 15;40(11):1214–7

Effects of polyamines upon capacitation and fertilization in the guinea pig. Fleming AD, et al. **J Exp Zool** 1985 Jan; 233(1):93–100

Inhibition of in-vitro fertilization of hamster oocytes by a thiol proteinase inhibitor. Ichikawa S, et al.
J Reprod Fertil 1984 Nov;72(2):515–9

[The effects of calmodulin and it's antagonist, W-7, on the acrosome reaction and fertilization of human spermatozoa] Nagae T. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1239–48 (Eng. Abstr.) (Jpn)

INSTRUMENTATION

Instrument failure in in vitro fertilization: a case report. Hinduja I, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):108–9

[Micromanipulatory sperm injection—a new method in the treatment of infertile males] Metka M, et al.
Wien Med Wochenschr 1985 Feb 15;135(3):55–9 (Eng. Abstr.) (Ger)

[A transportation vehicle for laparoscopically obtained follicular specimens] Fliess FR, et al. **Zentralbl Gynakol** 1984;106(22):1491–4 (Eng. Abstr.) (Ger)

METHODS

Severe ovarian hyperstimulation following follicular aspiration. Friedman CI, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):436–7

Reconstructive pelvic operations for in vitro fertilization. Garcia JE, et al. **Am J Obstet Gynecol** 1985 Sep 15; 153(2):172–8

Comparative study of ultrasonically guided percutaneous aspiration with local anesthesia and laparoscopic aspiration of follicles in an in vitro fertilization program. Lewin A, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):621–5

Selection of the dominant ovarian follicle and hormonal enhancement of the natural cycle. Hodgen GD, et al.
Ann NY Acad Sci 1985;442:23–37

Culture factors affecting the success rate of in vitro fertilization and embryo transfer. Quinn P, et al.
Ann NY Acad Sci 1985;442:195–204

Laparoscopy for oocyte recovery. Steptoe P, et al.
Ann NY Acad Sci 1985;442:178–81

Transvesical and transvaginal approaches for the aspiration of follicles by use of ultrasound. Wikland M, et al.
Ann NY Acad Sci 1985;442:182–94

Mouse embryo culture for screening in human IVF. Ackerman SB, et al. **Arch Androl** 1984;12 Suppl:129–36

The use of ovulation-inducing agents in in-vitro fertilization. Quigley MM. **Clin Obstet Gynecol** 1984 Dec;27(4):983–92

Successful pregnancies from the transfer of pronucleate embryos in an outpatient in vitro fertilization program. Ahuja KK, et al. **Fertil Steril** 1985 Aug;44(2):181–4

Effect of serum source on human fertilization and embryonic growth parameters in vitro. Ball GD, et al. **Fertil Steril** 1985 Jul;44(1):75–9

Successful in vitro fertilization and embryo transfer in cynomolgus monkeys. Balmaceda JP, et al. **Fertil Steril** 1984 Nov;42(5):791–5

A simple technique of ovarian suspension in preparation for in vitro fertilization. DeCherney AH, et al. **Fertil Steril** 1985 Apr;43(4):659–61

Factors affecting human in vitro fertilization: a multifactorial study. de Mouzon J, et al. **Fertil Steril** 1985 Jun;43(6):892–6

In vitro fertilization of human oocytes in the clinical laboratory. Chan PJ, et al. **J Am Osteopath Assoc** 1984 Dec;84(4):339–42

Various techniques for oocyte recovery in an in vitro fertilization and embryo transfer program. Belaisch-Allart JC, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun; 2(2):99–104

Factors influencing the success of in vitro fertilization for alleviating human infertility. Edwards RG, et al.
J In Vitro Fert Embryo Transfer 1984 Mar;1(1):3–23

Simplification of the method of in vitro fertilization: sonographic measurements of follicular diameter as the sole index of follicular maturity. Nilsson L, et al.
J In Vitro Fert Embryo Transfer 1985 Mar;2(1):17–22

Birth following gamete intrafallopian transfer [letter] Asch RH, et al. **Lancet** 1985 Jul 20;2(8447):163

Oocyte retrieval for in-vitro fertilisation by ultrasonically guided needle aspiration via the urethra. Parsons J, et al. **Lancet** 1985 May 11;1(8437):1076–7

Induction of ovulation for in-vitro fertilisation using buserelin and gonadotropins [letter] Porter RN, et al.
Lancet 1984 Dec 1;2(8414):1284–5

Treatment of male sperm autoimmunity by in-vitro fertilization with washed spermatozoa. Harrison KL, et al. **Med J Aust** 1984 Oct 13;141(8):498–9

Outpatient in vitro fertilization using transvaginal oocyte retrieval and local anesthesia [letter] Schulman JD, et al. **N Engl J Med** 1985 Jun 20;312(25):1639

The present position on in vitro fertilisation. Craft I.
Practitioner 1985 Aug;229(1406):737-45

Results of phase I of the in vitro fertilization and embryo transfer programme at Tygerberg Hospital. Kruger TF, et al. **S Afr Med J** 1985 May 11;67(19):751–4

In vitro fertilization and embryo transfer in Pretoria. van der Merwe JV, et al. **S Afr Med J** 1984 Oct 27;66(17):641–4

[Extracorporeal interspecies fertilization—a new test for studying the fertilizing properties of human spermatozoa] Todorov I, et al. **Akush Ginekol (Sofiia)** 1984;23(5):438–45 (Eng. Abstr.) (Bul)

[Initial results of in vitro fertilization and cultivation of human preovulatory ova in sterile women] Todorov S, et al. **Akush Ginekol (Sofiia)** 1984;23(6):463–8 (Eng. Abstr.) (Bul)

[Ultrasonic folliculometry in an in vitro fertilization and embryo transfer program] Malý Z, et al. **Cesk Gynekol** 1985 Jul;50(6):406–9 (Eng. Abstr.) (Cze)

[Transabdominal aspiration of follicles using ultrasonically controlled puncture—a new method of obtaining human oocytes] Presl J. **Cesk Gynekol** 1984 Sep;49(8):601–2 (Cze)

[In vitro fertilization and embryo transplantation: from experiment to treatment method for infertility] te Velde ER, et al. **Ned Tijdschr Geneeskd** 1984 Oct 27; 128(43):2039–45 (Dut)

[Principle and practice of in vitro fertilization. Role in the treatment of female sterility] Hédon B, et al.
Ann Biol Clin (Paris) 1985;43(1):1–5 (Eng. Abstr.) (Fre)

[Culture media for in vitro fertilization] Ménezo Y.
Ann Biol Clin (Paris) 1985;43(1):27–31 (Eng. Abstr.) (Fre)

[In vitro fertilization and embryo transfer in the treatment of infertility] Dubois M. **Rev Med Liege** 1985 Jun 1; 40(11):458–62 (Fre)

[In vitro fertilization and embryo transfer in gonadotropin-stimulated cycles] Mettler L, et al.
Fortschr Med 1985 Mar 14;103(10):253–8 (Eng. Abstr.) (Ger)

[Andrologic aspects of in vitro fertilization] Riedel HH.
Fortschr Med 1985 Mar 14;103(10):259–64 (Eng. Abstr.) (Ger)

[Results of diagnostic hysteroscopies in an in vitro fertilization/embryo transfer program] Bordt J, et al.
Geburtshilfe Frauenheilkd 1984 Dec;44(12):813–5 (Eng. Abstr.) (Ger)

[Pregnancy following ultrasound guided transabdominal-transvesicle follicle puncture under peridural anesthesia within the scope of an IVF program] Habermann PG, et al. **Geburtshilfe Frauenheilkd** 1984 Oct; 44(10):667–9 (Eng. Abstr.) (Ger)

[Pregnancy and birth of monozygous female twins following in vitro fertilization and embryo transfer] Mettler L, et al. **Geburtshilfe Frauenheilkd** 1984 Oct;44(10):670–6 (Eng. Abstr.) (Ger)

[Micromanipulatory sperm injection. A new method in the treatment of infertile men?] Metka M, et al.
Gynakol Rundsch 1985;25(2):96–105 (Ger)

[In vitro fertilization and embryo transfer. Personal experiences in the introduction of laboratory methodology] Fliess FR, et al. **Zentralbl Gynakol** 1984;106(22):1483–90 (Eng. Abstr.) (Ger)

[Pregnancies caused by in vitro fertilization in cycles, stimulated with human hypophyseal gonadotropin and chorionic gonadotropin] Lisse K, et al.
Zentralbl Gynakol 1984;106(22):1463–72 (Eng. Abstr.) (Ger)

[In vitro fertilization program in therapy of the sterile marriage. International status and personal experiences] Sudik R, et al. **Zentralbl Gynakol** 1984;106(22):1446–62 (Eng. Abstr.) (Ger)

[Human in vitro fertilization and embryo transfer] Trounson A, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul; 37(7):1231–40 (44 ref.) (Jpn)

STANDARDS

Embryo research [letter] Gill PW. **Nature** 1985 Jun 6–12; 315(6019):452

TRENDS

[Current status of in vitro fertilization, indications and current problems] Feichtinger W, et al. **Zentralbl Gynakol** 1984; 106(13):900–6 (Eng. Abstr.) (Ger)

FERTILIZATION, POLYSPERMIC see FERTILIZATION

FERTILIZED OVUM see ZYGOTE

FERTILIZERS

Toxicologic studies with lambs fed sugar beets grown on municipal sludge-amended soil: lowered relative hemoglobin in red blood cells and mutagens in blood and excreta. Telford JN, et al. **Am J Vet Res** 1984 Dec;45(12):2490-4

A retrospective cohort mortality study of a phosphate fertilizer production facility. Stayner LT, et al. **Arch Environ Health** 1985 May-Jun;40(3):133-8

Stimulation of oil biodegradation by using slow-release fertilizers. Smith AD. **Biochem Soc Trans** 1985 Apr;13(2):523-5

[Use of the 5406 bacterial fertilizer to increase production of ginseng] Guo YL. **Chung Yao Tung Pao** 1985 Feb;10(2):55-7 (Chi)

[Survival time of enterobacteria and enteroviruses in activated sludge-fertilized soils] Möller F, et al. **Z Gesamte Hyg** 1985 Apr;31(4):237-41 (Eng. Abstr.) (Ger)

[The behavior of polycyclic aromatic hydrocarbons in soil fertilized with sewage sludge-garbage compost. I. Field studies] Pfeiffer EH, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec;179(6):566-73 (Eng. Abstr.) (Ger)

[The behavior of polycyclic aromatic hydrocarbons in soil fertilized with sewage sludge-garbage compost. II. Laboratory studies] Pfeiffer EH, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec;179(6):574-85 (Eng. Abstr.) (Ger)

ADVERSE EFFECTS

[Respiratory function disorders caused by agrochemical exposure] Lehnigk B, et al. **Z Erkr Atmungsorgane** 1985;164(3):267-9 (Eng. Abstr.) (Ger)

[Hygienic basis for a scale of hazards for the migration of agricultural chemicals from the soil into a surface water source] Goncharuk EI, et al. **Gig Sanit** 1985 Jun;(6):13-6 (Eng. Abstr.) (Rus)

POISONING

[Combined effect of organophosphate pesticides and ammonia released from fertilizers] Sapegin DI, et al. **Gig Sanit** 1985 May;(5):90-2 (Rus)

STANDARDS

[Hygienic principles for regulating waste from stock-breeding complexes used in agriculture] Timchenko II, et al. **Gig Sanit** 1984 Jul;(7):60-3 (Rus)

TOXICITY

Toxicologic studies with male sheep grazing on municipal sludge-amended soil. Hogue DE, et al. **J Toxicol Environ Health** 1984;14(2-3):153-61

Lymphoid malignancies in Nebraska: a hypothesis. Weisenburger DD. **Nebr Med J** 1985 Aug;70(8):300-5

[Action of potassium sulfate and potassium magnesium sulfate on the body of animals in a chronic experiment] Khodykina TM. **Gig Tr Prof Zabol** 1984 Jul;(7):47-9 (Rus)

FESTIVALS see HOLIDAYS

FETAL ALCOHOL SYNDROME

Fetal alcohol syndrome (embryopathia alcoholica). Zergollern L, et al. **Acta Med Iugosl** 1984;38(5):355-64

Maximizing the efficiency of a study on alcohol-related birth defects by means of data collection and analytic strategy dissociation. Sokol RJ, et al. **Am J Perinatol** 1985 Jul;2(3):245-9

A tool for the assessment and achievement of family goals within the clinical genetics service. Scott RV, et al. **Birth Defects** 1984;20(6):147-50

Characteristics of parental response to fetal alcohol syndrome. Wilson PJ, et al. **Birth Defects** 1984;20(6):187-91

The fetal alcohol syndrome. Ouellette EM. **Bol Asoc Med PR** 1984 Nov;76(11):492-4

Natural history of the fetal alcohol syndrome: a 10-year follow-up of eleven patients. Streissguth AP, et al. **Lancet** 1985 Jul 13;2(8446):85-91

BLOOD

Inhibitory effect of maternal alcohol ingestion on rat pup hepatic 25-hydroxyvitamin D production. Milne M, et al. **Pediatr Res** 1985 Jan;19(1):102-4

COMPLICATIONS

Ocular abnormalities in the fetal alcohol syndrome. Strömland K. **Acta Ophthalmol [Suppl] (Copenh)** 1985;171:1-50

Coeliac disease coexistent with fetal alcohol syndrome [letter] Høgh B, et al. **Eur J Pediatr** 1984 Nov;143(1):74-5

Fetal alcohol syndrome and malignant disease [letter] Kiess W, et al. **Eur J Pediatr** 1984 Dec;143(2):160-1

Steep corneal curvature: a fetal alcohol syndrome landmark. Garber JM. **J Am Optom Assoc** 1984 Aug;55(8):595-8

Fetal hydantoin syndrome and malignancy [letter] Allen RW Jr, et al. **J Pediatr** 1984 Oct;105(4):681

[Bartter syndrome with persistent hyperreninemia associated with the fetal alcoholic syndrome. Case report] Calvani M, et al. **Minerva Pediatr** 1984 Nov 30;36(22):1161-8 (Eng. Abstr.) (Ita)

[Fetal alcohol syndrome: clinical, metabolic and immunologic follow-up in 14 cases] Calvani M, et al. **Minerva Pediatr** 1985 Feb 15;37(3):77-86 (Eng. Abstr.) (Ita)

DIAGNOSIS

Drinking amongst pregnant women: some initial results from a prospective study. Plant ML. **Alcohol Alcohol** 1984;19(2):153-7

Oral findings of fetal alcohol syndrome patients. Riekman GA. **Can Dent Assoc J** 1984 Nov;50(11):841-2

Gamma glutamyl transpeptidase as a sensitive marker of fetal alcohol exposure. Reyes E, et al. **Neurobehav Toxicol Teratol** 1985 Mar-Apr;7(2):177-80

[Chondrodysplasia punctata and maternal alcohol intoxication. Apropos of 7 cases] Maroteaux P, et al. **Arch Fr Pediatr** 1984 Oct;41(8):547-50 (Eng. Abstr.) (Fre)

[The course of alcoholic embryopathy] Spohr HL, et al. **Monatsschr Kinderheilkd** 1984 Nov;132(11):844-9 (Eng. Abstr.) (Ger)

EMBRYOLOGY

[Antenatal action of alcohol on the morphofunctional development of the central nervous system] Smol'nikova NM, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):61-2 (Rus)

ENZYMOLOGY

Ethanol-induced inhibition of chick brain growth. Boyd JW, et al. **Alcoholism (NY)** 1984 Jul-Aug;8(4):343-6

[Gamma-glutamyltransferase in maternal serum and prenatal screening for the fetal alcohol syndrome] Halperin DS, et al. **Soz Praventivmed** 1984;29(4-5):209-10 (Eng. Abstr.) (Fre)

[Acetylcholinesterase activity in the brains of rats in a model of alcoholic embryopathy] Dremov DP, et al. **Zh Nevropatol Psikhiatr** 1985;85(7):993-6 (Eng. Abstr.) (Rus)

ETIOLOGY

Acute alcohol exposure during gestational day 8 in the rat: effects upon physical and behavioral parameters. Molina JC, et al. **Alcohol** 1984 Nov-Dec;1(6):459-64

Alcohol and the fetus [letter] Hill EE. **Arch Dis Child** 1985 Apr;60(4):394-5

Prospective study of children exposed to variable amounts of alcohol in utero. Larsson G, et al. **Arch Dis Child** 1985 Apr;60(4):316-21

Alcohol and the fetus [editorial] Smithells RW, et al. **Arch Dis Child** 1984 Dec;59(12):1113-4

Cigarette smoking, alcohol consumption and fetal outcome in Tasmania 1981-82. Lumley J, et al. **Aust NZ J Obstet Gynaecol** 1985 Feb;25(1):33-40

Adverse effects of alcohol in pregnancy. Barrison IG, et al. **Br J Addict** 1985 Mar;80(1):11-22

Prenatal effects of alcohol. Abel EL. **Drug Alcohol Depend** 1984 Sep;14(1):1-10 (66 ref.)

Effects of acute doses of ethanol on pre- and postnatal development in the mouse. Padmanabhan R, et al. **Drug Alcohol Depend** 1984 Oct;14(2):197-208

Ethanol and fetal nutrition: effect of chronic ethanol exposure on rat placental growth and membrane-associated folic acid receptor binding activity. Fisher SE, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):645-9

Nutritional issues in perinatal alcohol exposure. Weinberg J. **Neurobehav Toxicol Teratol** 1984 Jul-Aug;6(4):261-9

The effects of alcohol consumption during pregnancy. Graham JM Jr. **Prog Clin Biol Res** 1985;163C:335-9

Nutritional teratogens: a survey of epidemiological literature. Pieters JJ. **Prog Clin Biol Res** 1985;163B:419-29

[Alcohol and fetal malformations—current research and experience from preventive activities] Bohlin AB, et al. **Lakartidningen** 1984 Nov 28;81(48):4536, 4538-9, 4541 (Swe)

FAMILIAL & GENETIC

Isochromosome 9q in an infant exposed to ethanol prenatally [letter] Gardner LI, et al. **N Engl J Med** 1985 Jun 6;312(23):1521

HISTORY

Foetal alcohol syndrome: historical aspects [letter] Malcolm MT. **Alcohol Alcohol** 1984;19(3):261-2

METABOLISM

Biochemical and morphologic effects of ethanol on fetuses from normally ovulating and superovulated mice. Martinez F, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):428-33

Glycoproteins and proteins in an axolemma-enriched fraction and myelin from developing rats: effect of maternal ethanol consumption. Guandlinger JM, et al. **J Neurosci Res** 1984;12(4):633-45

Effect of alcoholization upon the maternal and fetal hepatic DNA and the maternal serum-proteins in pregnant albino rats. Gârban Z, et al. **Morphol Embryol (Bucur)** 1985 Jan-Mar;31(1):9-16

Impaired renal acidification in infants with fetal alcohol syndrome. Assadi FK, et al. **Pediatr Res** 1985 Aug;19(8):850-3

[Experimental studies on lipoprotein metabolism in rats reared with liquid alcohol diet from the fetal life] Tamura Y. **Hokkaido Igaku Zasshi** 1985 Jan;60(1):13-23 (Eng. Abstr.) (Jpn)

[Histoautoradiographic study of synthesis of neuronal proteins of the brain in response to exposure to damaging factors during the prenatal period] Kazakova PB, et al. **Zh Nevropatol Psikhiatr** 1985;85(7):1004-6 (Eng. Abstr.) (Rus)

[Characteristics of the DNA-RNA-protein-synthesizing apparatus of cerebral cortex neurons as a result of prenatal exposure to alcohol] Kolomeets NS, et al. **Zh Nevropatol Psikhiatr** 1985;85(7):996-1000 (Eng. Abstr.) (Rus)

[Penetration and accumulation of 14C-ethanol in the brain and liver of female rats exposed to long-term alcohol and in the tissue of the fetus] Maizelis MIa, et al. **Zh Nevropatol Psikhiatr** 1985;85(7):1000-3 (Eng. Abstr.) (Rus)

OCCURRENCE

Fetal alcohol syndrome: a clinical study. Rice M. **J Am Med Wom Assoc** 1985 Jan-Feb;40(1):23-7

Epidemiology of fetal alcohol syndrome among American Indians of the Southwest. May PA, et al. **Soc Biol** 1983 Winter;30(4):374-87

PATHOLOGY

Perforant pathway lamination in the dentate gyrus is unaffected by prenatal ethanol exposure. Dewey SL, et al. **Alcohol** 1985 Mar-Apr;2(2):221-5

Organization of the commissural projection to the dentate gyrus is unaltered by heavy ethanol exposure during gestation. Dewey SL, et al. **Alcohol** 1985 Jul-Aug;2(4):617-22

Brain myelination in the offspring of ethanol-treated rats: in utero versus lactational exposure by crossfostering offspring of control, pairfed and ethanol treated dams. Lancaster FE, et al. **Brain Res** 1984 Sep 10;309(2):209-16

The effect of in utero ethanol exposure on hippocampal mossy fibers: an HRP study. West JR, et al. **Brain Res** 1984 Aug;317(2):275-9

Ultrastructure of human placenta: effects of maternal drinking. Amankwah KS, et al. **Gynecol Obstet Invest** 1984;18(6):311-6

Fetal alcohol syndrome: an examination of craniofacial dysmorphology in Macaca nemestrina. Inouye RN, et al. **J Med Primatol** 1985;14(1):35-48

Fetal alcohol myopathy. Adickes ED, et al. **Pediatr Pathol** 1983 Oct-Dec;1(4):369-84

Effect of intrauterine ethanol exposure on fetal lung growth. Inselman LS, et al. **Pediatr Res** 1985 Jan;19(1):12-4

Scanning electron microscopic analyses of developmental defects induced in mice by accurately timed maternal alcohol administration. Sulik KK. **Prog Clin Biol Res** 1985;163C:399-403

[Effect of chronic alcoholic intoxication in the rat on the structural organization of the caudate nucleus in their progeny] Frumkina LE. **Arkh Anat Gistol Embriol** 1985 Mar;88(3):26-34 (Eng. Abstr.) (Rus)

[Ultrastructure of sensorimotor cortex neurons and interneuronal connections in the progeny of alcoholized rats] Popova EN. **Biull Eksp Biol Med** 1984 Dec;98(12):743-6 (Eng. Abstr.) (Rus)

PHYSIOPATHOLOGY

Children of alcoholic mothers. Growth and motor performance compared to matched controls. Kyllerman M, et al. **Acta Paediatr Scand** 1985 Jan;74(1):20-6

Delayed taste aversion learning in preweanling rats exposed to alcohol prenatally. Driscoll CD, et al. **Alcohol** 1985 Mar-Apr;2(2):277-80

Foetal alcohol syndrome. Poskitt EM. **Alcohol Alcohol** 1984;19(2):159-65

Prenatal alcohol exposure: abnormalities in placental growth and fetal amino acid uptake in the rat. Gordon BH, et al. **Biol Neonate** 1985;47(2):113-9

Direct evidence for enhanced axon sprouting in adult rats exposed to ethanol in utero. Dewey SL, et al. **Brain Res Bull** 1985 Apr;14(4):339-48

Increased rate of E-rosette formation by T lymphocytes of pregnant women who drink ethanol. Madden JJ, et al. **Clin Immunol Immunopathol** 1984 Oct;33(1):67-79

Prenatal effects of alcohol on growth: a brief overview. Abel EL. **Fed Proc** 1985 Apr;44(7):2318-22 (38 ref.)

Development and learning in the offspring of rats fed an alcohol diet on a short- or long-term basis. Cohen LE, et al. **Neurobehav Toxicol Teratol** 1985 Mar-Apr;7(2):129-37

[Congenital deafness in an infant with fetal alcohol syndrome] Tomaszewska E, et al. **Otolaryngol Pol** 1984;38(5):441-5 (Eng. Abstr.) (Pol)

PREVENTION & CONTROL

Alcohol and pregnancy: a clinical perspective. Rosett HL, et al. **Annu Rev Med** 1985;36:73–80

PSYCHOLOGY

Children of alcoholic mothers. Developmental, perceptual and behavioural characteristics as compared to matched controls. Aronson M, et al. **Acta Paediatr Scand** 1985 Jan; 74(1):27–35

VETERINARY

Fetal alcohol syndrome in the ferret (Mustela putorius). McLain DE, et al. **Teratology** 1984 Oct;30(2):203–10

FETAL ANOXIA

see related

ASPHYXIA NEONATORUM

[Consequences of perinatal hypoxia in term infants] Lavelli M, et al. **Ann Ostet Ginecol Med Perinat** 1984 Jul–Aug; 105(4):231–7 (Eng. Abstr.) (Ita)

BLOOD

Hypoxic-ischemic encephalopathy and plasma beta-endorphin. Sankaran K, et al. **Dev Pharmacol Ther** 1984;7(6):377–83

Catecholamines in arterial and venous umbilical blood: placental extraction, correlation with fetal hypoxia, and transcutaneous partial oxygen tension. Paulick R, et al. **J Perinat Med** 1985;13(1):31–42

The hypoxanthine level in cord blood—a potential indicator of foetal hypoxia. Měchurová A, et al. **Physiol Bohemoslov** 1985;34(2):173–6

[Effect of the beta-blocker metoprolol on the cardiovascular system and plasma catecholamines of the fetus in normoxia and acute hypoxia—animal experiment studies] Paulick R, et al. **Z Geburtshilfe Perinatol** 1985 Mar–Apr;189(2):47–55 (Eng. Abstr.) (Ger)

[Activity of the blood coagulation factor in neonates with a history of acute hypoxia at birth] Mishchenko AL, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):28–9 (Eng. Abstr.) (Rus)

CEREBROSPINAL FLUID

Cerebrospinal fluid and plasma vasopressin in the fetal lamb: basal concentration and the effect of hypoxia. Stark RI, et al. **Endocrinology** 1985 Jan;116(1):65–72

CHEMICALLY INDUCED

[The effect of prenatal therapy with corticosteroids on the incidence intranatal fetal hypoxia] Hájek Z, et al. **Cesk Gynekol** 1985 Jun;50(5):328–32 (Eng. Abstr.) (Cze)

COMPLICATIONS

The relationship between perinatal hypoxia and newborn encephalopathy. Low JA, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):256–60

Weight-specific stillbirths and associated causes of death: an analysis of 765 stillbirths. Morrison I, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):975–80

[Role of intrauterine hypoxia in the occurrence of neurotic states in the developing rat] Krybus AN, et al. **Patol Fiziol Eksp Ter** 1985 May–Jun;(3):67–71 (Eng. Abstr.) (Rus)

DIAGNOSIS

Technology! Good News—bad news. Avery JK. **J Tenn Med Assoc** 1984 Dec;77(12):716, 720

Vasopressin concentration in amniotic fluid as an index of fetal hypoxia: mechanism of release in sheep. Stark RI, et al. **Pediatr Res** 1984 Sep;18(9):835–41

[Effectiveness of the modified intrapartum CTG James score. II. Prospective study] Stembera Z. **Cesk Gynekol** 1984 Sep; 49(8):535–42 (Eng. Abstr.) (Cze)

[Disorders of the fetal oxygen supply during labor—retrospect and prospect of diagnostic possibilities] Künzel W, et al. **Z Geburtshilfe Perinatol** 1984 Jul–Aug; 188(4):153–60 (Eng. Abstr.) (Ger)

DRUG THERAPY

[Acute tocolysis in labor. Physiopathology and clinical aspects of intrauterine resuscitation] Kastendieck E. **Gynakologe** 1984 Dec;17(4):265–80 (Ger)

ETIOLOGY

[Physiopathological basis of disorders of homeostasis in parturients in relation to the degree of their physical capacity and development of fetal risk conditions] Brodziński W. **Ginekol Pol** 1984 Apr;55(4):287–92 (Eng. Abstr.) (Pol)

IMMUNOLOGY

[Clinical significance of the indicators of cellular, humoral and local immunity in children with perinatal brain damage] Stratulat PM. **Pediatriia** 1984 Dec;(12):22–4 (Eng. Abstr.) (Rus)

METABOLISM

[Significance of the adrenal medulla and brain catecholamine in perinatal period: their developmental changes and responses to hypoxia in fetal rats] Kishimoto Y. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr; 37(4):619–28 (Eng. Abstr.) (Jpn)

[Oxidation-reduction potential of soft tissues of the fetal head in labor complicated by intrauterine hypoxia and late toxicosis of pregnancy] Grishchenko VI, et al. **Akush Ginekol (Mosk)** 1985 May;(5):35–7 (Eng. Abstr.) (Rus)

[Adaptive changes in carbohydrate metabolism in the placenta in experimental fetal anoxia] Nazyrov AT. **Akush Ginekol (Mosk)** 1984 Oct;(10):45–7 (Eng. Abstr.) (Rus)

[Histoautoradiographic study of synthesis of neuronal proteins of the brain in response to exposure to damaging factors during the prenatal period] Kazakova PB, et al. **Zh Nevropatol Psikhiatr** 1985;85(7):1004–6 (Eng. Abstr.) (Rus)

PATHOLOGY

Postnatal development of myocardial cells after oxygen deficiency in utero. David H, et al. **Pathol Res Pract** 1985 Jan;179(3):370–6

[Hypoxic-ischemic encephalopathy. Clinical considerations] Wörle H, et al. **Padiatr Padol** 1984;19(4):355–64 (Eng. Abstr.) (Ger)

[Intrauterine lesions of the brain] Studenikin MIa. **Vestn Akad Med Nauk SSSR** 1985;(6):3–7 (Eng. Abstr.) (Rus)

PHYSIOPATHOLOGY

Effect of acute hypoxia on human fetal heart rate. The significance of increased heart rate variability. Thaler I, et al. **Acta Obstet Gynecol Scand** 1985;64(1):47–50

Fetal adaptations to spontaneous hypoxemia and responses to maternal oxygen breathing. Goetzman BW, et al. **Biol Neonate** 1984;46(6):276–84

Increased vascular resistance in the descending aorta of the human fetus in hypoxia. Jouppila P, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):853–6

Effects of beta-adrenergic blockade on blood flow distribution during hypoxaemia in fetal sheep. Court DJ, et al. **J Dev Physiol** 1984 Aug;6(4):349–58

Effect of hypoxia on the excitability of two cranial reflexes in unanaesthetized fetal sheep. Walker DW, et al. **J Dev Physiol** 1984 Oct;6(5):387–99

Alveolar-arterial oxygen gradients versus the Neonatal Pulmonary Insufficiency Index for prediction of mortality in ECMO candidates. Krummel TM, et al. **J Pediatr Surg** 1984 Aug;19(4):380–4

Heart rate variability and electrocardiogram changes in the fetal lamb during hypoxia and beta-adrenoceptor stimulation. Lilja H, et al. **J Perinat Med** 1984;12(3):115–25

[Fetal echocardiography. 5. Quantitative evaluation of selected hemodynamic indicators in fetuses with asymmetrical intrauterine growth retardation] Piela A, et al. **Ginekol Pol** 1984 Apr;55(4):257–62 (Eng. Abstr.) (Pol)

PREVENTION & CONTROL

[Prevention of chronic fetal hypoxia in pregnant women with acquired heart defects] Okoev GG, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):38–40 (Eng. Abstr.) (Rus)

[Effects of a salt mixture on the state of the mother, fetus and newborn in experimental hypoxia] Tarakhovskiĭ ML, et al. **Fiziol Zh** 1985 Mar–Apr;31(2):175–80 (Eng. Abstr.) (Rus)

THERAPY

Neonatal resuscitation. Poland R, et al. **Emerg Med Clin North Am** 1983 Dec;1(3):601–8

['Intrauterine resuscitation' in the curved course of transcutaneous pO2 measurement in the fetus during labor. 2. Uterine contraction inhibition and contraction regulation] Bellée H, et al. **Zentralbl Gynakol** 1985; 107(1):47–53 (Eng. Abstr.) (Ger)

[Treatment of acute fetal hypoxia at birth] Bykova GF, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):41–3 (Eng. Abstr.) (Rus)

FETAL BLOOD

Blood flow and oxygen delivery to fetal organs as functions of fetal hematocrit. Fumia FD, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):274–82

Percutaneous umbilical blood sampling. Hobbins JC, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):1–6

Disparate differentiation in hemopoietic colonies derived from human paired progenitors. Leary AG, et al. **Blood** 1985 Aug;66(2):327–32

The identification of false-positive amniotic fluid acetylcholinesterase results due to fetal calf serum contamination. Barlow RD, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):986–8

Reference values for serum lipids and lipoprotein cholesterol in adults and cord blood of Kenyan Africans. Ojwang PJ, et al. **East Afr Med J** 1984 May;61(5):367–71

Maternal and fetal production rates of progesterone in rhesus macaques: placental transfer and conversion to cortisol. Ducsay CA, et al. **Endocrinology** 1985 Sep;117(3):1253–8

Mediation of vascular endothelial proliferation by factors in fetal bovine retinal extracts and serum. Chen CH, et al. **Exp Eye Res** 1984 Oct;39(4):469–78

Fetal blood sampling through ultrasound-guided puncture of the umbilical vein in rhesus monkeys. Lindgren PG, et al. **J Med Primatol** 1985;14(3):159–63

Freeze-etching and biochemical analysis of human fetal erythrocyte membranes. Kurantsin-Mills J, et al. **Pediatr Res** 1984 Oct;18(10):1035–41

The effect of maternal water deprivation on ovine fetal blood volume. Bell RJ, et al. **Q J Exp Physiol** 1985 Jan;70(1):95–9

[Fetal karyotyping of fetal blood obtained from the umbilical vein using ultrasound] Taillemite JL, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):315–9 (Eng. Abstr.) (Fre)

[Prenatal diagnosis by fetal blood sampling under echographic control] Chartier M. **Presse Med** 1984 Nov 10;13(40):2423–4 (Fre)

[An improved culture method without human plasma for megakaryocyte colony formation: megakaryocyte colony forming cells (CFU-M) in human umbilical cord blood] Tsuji K, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 May; 48(3):823–30 (Eng. Abstr.) (Jpn)

ANALYSIS

Plasma growth hormone and thyroxine levels in the chronically catheterised pig foetus and the effect of thyrotrophin releasing hormone. Macdonald AA, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):126–9

Hemoglobin content of single erythrocytes from fetuses with parents having heterozygous beta-thalassemia. Meletis J, et al. **Acta Haematol (Basel)** 1985;73(1):16–21

Quantitative changes in steroid and peptide hormones in the maternal-fetoplacental system between the 28th–40th weeks of pregnancy. Hercz P. **Acta Med Hung** 1985; 42(1–2):29–39

The effect of fenoterol on fetal metabolism: cord blood studies. Kovács L, et al. **Acta Paediatr Hung** 1985; 26(1):41–7

Serum lipid and lipoprotein-cholesterol values in cord blood and on the sixth postnatal day in newborns of varying maturity. Tóth P, et al. **Acta Paediatr Hung** 1984; 25(3):275–81

Feto-maternal relationships between vitamin D metabolites in Israeli Bedouins and Jews. Shany S, et al. **Am J Clin Nutr** 1984 Dec;40(6):1290–4

Cytogenetic diagnosis using midtrimester fetal blood samples: application to suspected mosaicism and other diagnostic problems. Watson MS, et al. **Am J Med Genet** 1984 Dec; 19(4):805–13

Anticonvulsant drug therapy in human pregnancy: effects on serum concentrations of vitamin D metabolites in maternal and cord blood. Markestad T, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):254–8

The relationship of fetal plasma protein concentration and hemoglobin level to the development of hydrops in rhesus isoimmunization. Nicolaides KH, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):341–4

The effect of hypertension in pregnant women on fetal adrenal function and fetal plasma lipoprotein-cholesterol metabolism. Parker CR Jr, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):263–9

Umbilical cord plasma concentrations of deoxycorticosterone sulfate in anencephalic fetuses. Parker CR Jr, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):754–7

Cord blood glycosylated (glycated) hemoglobin: correlation with maternal glycosylated (glycated) hemoglobin and birth weight. Yatscoff RW, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):861–6

Umbilical cord pH, PCO2, and bicarbonate following uncomplicated term vaginal deliveries. Yeomans ER, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):798–800

Effects of fetal-maternal exchange transfusion on fetal oxygenation and blood flow distribution. Itskovitz J, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):H655–60

Intrauterine growth retardation of unknown etiology. I. Serum complement and circulating immune complexes in mothers and infants. Labarrere C, et al. **Am J Reprod Immunol Microbiol** 1985 Jul;8(3):87–93

Extraction from fetal bovine serum of erythrotropin, an erythroid cell-stimulating factor. Congote LF. **Anal Biochem** 1984 Aug 1;140(2):428–33

The hemoglobin content and concentration of single fetal erythrocytes obtained by placentocentesis from mothers with heterozygous beta-thalassemia. Yataganas X, et al. **Ann NY Acad Sci** 1985;445:376–9

Cytochemical bioassay of parathyroid hormone in maternal and cord blood. Allgrove J, et al. **Arch Dis Child** 1985 Feb;60(2):110–5

Cord blood gases, birth asphyxia, and intraventricular haemorrhage. Beverley DW, et al. **Arch Dis Child** 1984 Sep;59(9):884–6

Concentrations of lead in maternal blood, cord blood, and breast milk. Ong CN, et al. **Arch Dis Child** 1985 Aug; 60(8):756–9

Polychlorobiphenyl (PCB) congeners, p,p'-DDE, and hexachlorobenzene in maternal and fetal cord blood from mothers in Upstate New York. Bush B, et al. **Arch Environ Contam Toxicol** 1984 Sep;13(5):517–27

Lead in umbilical blood, indoor air, tap water, and gasoline in Boston. Rabinowitz M, et al. **Arch Environ Health** 1984 Jul-Aug;39(4):299-301

Unconjugated oestriol in the cord blood of infants delivered by caesarean section at term. Farquharson RG, et al. **Arch Gynecol** 1984;236(2):77-82

Measurement of transcutaneous pCO2 and pO2 in the fetus during labor. Schmidt S, et al. **Arch Gynecol** 1985; 236(3):145-51

Direct fetal blood examination for prenatal diagnosis of homozygous familial hypercholesterolemia. de Gennes JL, et al. **Arteriosclerosis** 1985 Sep-Oct;5(5):440-2

Clinical significance of antithrombin III, plasminogen and alpha 2-plasmin inhibitor in perinatal period. Fuse Y, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):121-5

Calmodulin in breast milk, and umbilical and maternal plasma. Hira T, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):107-111

Structural and functional analysis of spectrin from neonatal erythrocytes. Hajjar KA. **Biochim Biophys Acta** 1985 Mar 1;827(3):460-5

Characterization of fibronectin from fetal human plasma in comparison with adult plasma fibronectin. Yamaguchi Y, et al. **Biochim Biophys Acta** 1984 Oct 9;790(1):53-60

The metabolic and endocrine milieu of the human fetus at 18-21 weeks of gestation. II. Blood glucose, lactate, pyruvate and ketone body concentrations. Aynsley-Green A, et al. **Biol Neonate** 1985;47(1):19-25

Effect of fetal decapitation on unbound rat plasma corticosterone concentration at the end of pregnancy. Cohen A, et al. **Biol Neonate** 1985;47(3):163-9

Plasma levels of adenosine 3',5'-monophosphate in the fetoplacental unit and maternal circulation at delivery. Weintraub Z, et al. **Biol Neonate** 1985;47(3):186-8

Cord blood prolactin and thyroid hormone levels after antenatal administration of betamethasone or ambroxol for prevention of respiratory distress syndrome (RDS). Luerti M, et al. **Biol Res Pregnancy Perinatol** 1984;5(3):124-9

Changes in serum albumin and alpha 1-acid glycoprotein concentrations during pregnancy: an analysis of fetal-maternal pairs. Krauer B, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):875-81

Iatrogenic neonatal and maternal hyponatraemia following oxytocin and aqueous glucose infusion during labour. Singhi S, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):356-63

Effect of delays in collection or analysis on the results of umbilical cord blood measurements. Sykes GS, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):989-92

Fetal plasma renin and renin substrate in mid-trimester pregnancy. Symonds EM, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):618-21

Correlation of the interpretation of fetal heart rate records with cord plasma erythropoietin levels. Widness JA, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):326-32

Fetal haematology in rhesus isoimmunisation. Nicolaides KH, et al. **Br Med J [Clin Res]** 1985 Mar 2;290(6469):661-3

Digoxin immunoreactivity in cord and maternal serum and placental extracts. Partial characterization of immunoreactive substances by high-performance liquid chromatography and inhibition of Na+, K+-ATPase. Diamandis EP, et al. **Clin Biochem** 1985 Feb;18(1):48-55

Minimizing the effect of digoxin-like immunoreactive substances in immunoassays for digoxin in neonatal serum [letter] McCarthy RC. **Clin Chem** 1985 Jul;31(7):1240-1

Measurement of free choline concentrations in maternal and neonatal blood by micropyrolysis gas chromatography. McMahon KE, et al. **Clin Chim Acta** 1985 Jun 30; 149(1):1-12

Magnesium levels in the body fluids of dam and fetal rabbits during the reproductive phase. Kriesten K, et al. **Comp Biochem Physiol [A]** 1984;79(1):197-200

New procedure for fetal blood sampling during pregnancy: its application to prenatal pharmacology. Daffos F, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:47-51

The negative correlation between prolactin and ionic calcium in cord blood of full term infants. Nishiyama S, et al. **Endocrinol Jpn** 1985 Feb;32(1):9-15

Studies on equine prematurity 3: Insulin secretion in the foal during the perinatal period. Fowden AL, et al. **Equine Vet J** 1984 Jul;16(4):286-91

Progesterone and pH levels in breech deliveries at term. Farquharson RG, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Oct;18(3):121-5

Diagnostic fetal blood sampling for the haemoglobinopathies—10-year experience. Kanokpongsakdi S, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jul;20(1):35-41

Correlation between transcutaneous pCO2 and the corresponding values of fetal blood—a study at a measuring temperature of 39 degrees C. Schmidt S, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Aug;17(6):387-95

Prediction of pO2 and pCO2 of the umbilical artery blood by mathematical analysis of fetal heart rate decelerations. Breborowicz G, et al. **Ginekol Pol** 1984 Oct;55(10):731-6

Hb Setif or alpha 2 94(G1)Asp——Tyr beta 2 observed in a Saudi Arabian family. Al-Awamy B, et al. **Hemoglobin** 1985;9(1):87-90

Hb F-Dammam or alpha 2A gamma 2(79) (EF3) Asp——Asn. Al-Awamy BH, et al. **Hemoglobin** 1985; 9(2):171-3

Hemoglobin Handsworth or alpha2 18(A16)Gly——Arg beta2 in a Saudi newborn. Al-Awamy BH, et al. **Hemoglobin** 1985;9(2):183-6

Hb F-Tokyo or alpha 2G gamma 2 34(B16)Val——Ile, a silent gamma chain variant detected by reverse phase high performance liquid chromatography. Chen S, et al. **Hemoglobin** 1985;9(1):25-32

Hb F-Pendergrass, an A gamma I variant with a Pro——Arg substitution at position gamma 36(C2). Chen SS, et al. **Hemoglobin** 1985;9(1):73-7

Hb Gainesville-GA or alpha 2 beta 2 46(CD5)Gly——Arg. Chen SS, et al. **Hemoglobin** 1985;9(2):179-81

Glycosylated and acetylated hemoglobins in relation to gestational age and red cell age. Elseweidy MM, et al. **Hemoglobin** 1984;8(4):363-72

Hemoglobin Twin Peaks alpha 113 (GH1) Leu——His. Guis M, et al. **Hemoglobin** 1985;9(2):175-7

Hemoglobin Kariya or alpha 240(C5)Lys——Glu beta 2 in a Caucasian family from South Carolina. Nakatsuji T, et al. **Hemoglobin** 1984;8(4):401-5

Significance of meconium during labour and its correlation with umbilical cord blood studies. Ramachandra K, et al. **Indian J Pediatr** 1984 Mar-Apr;51(409):149-53

Maternal and cord serum C3 level. Tandon R, et al. **Indian Pediatr** 1984 May;21(5):407-13

Immunoglobulin E assayed after pepsin digestion by an automated and highly sensitive particle counting immunoassay: application to human cord blood. Magnusson CG, et al. **J Allergy Clin Immunol** 1985 Apr;75(4):513-24

Application of reversed-phase high-performance liquid chromatography using pre-column derivatization with o-phthaldialdehyde for the quantitative analysis of amino acids in adult and fetal sheep plasma, animal feeds and tissues. Krishnamurti CR, et al. **J Chromatogr** 1984 Dec 19;315:321-31

Somatomedin-C/insulin-like growth factor I-binding proteins in human amniotic fluid and in fetal and postnatal blood: evidence of immunological homology. D'Ercole AJ, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):612-7

Immunoassay of a somatomedin-binding protein from human amniotic fluid: levels in fetal, neonatal, and adult sera. Drop SL, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):908-15

Evaluation of the total fetomaternal vitamin D relationships at term: evidence for racial differences. Hollis BW, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):652-7

Cord serum thyroid-stimulating hormone and thyroglobulin levels decline with increasing birth weight in newborns. Penny R, et al. **J Clin Endocrinol Metab** 1984 Nov; 59(5):979-85

Arginine vasotocin in ovine fetal blood, urine, and amniotic fluid. Ervin MG, et al. **J Clin Invest** 1985 May; 75(5):1696-701

Presence of an acid-labile alpha-interferon in sera from fetuses and children with congenital rubella. Lebon P, et al. **J Clin Microbiol** 1985 May;21(5):775-8

On the origin of dehydroepiandrosterone sulphate in the blood of fetal sheep. Liggins GC, et al. **J Endocrinol** 1985 Feb;104(2):279-83

Possible role of uterine contractions in the short-term fluctuations of plasma ACTH concentration in fetal sheep. Lye SJ, et al. **J Endocrinol** 1985 Aug;106(2):R9-11

Effect of somatostatin and thyrotrophin-releasing hormone on the levels of growth hormone in the circulation of the chronically catheterized pig fetus in utero. Spencer GS, et al. **J Endocrinol** 1985 Jul;106(1):121-4

Serum thyroglobulin in newborns' cord blood, in childhood and adolescence: a physiological indicator of thyroidal status. Pacini F, et al. **J Endocrinol Invest** 1984 Oct; 7(5):467-71

Elevation of a calcium fraction tightly bound to serum proteins in maternal blood at delivery and in cord blood from newborn infants. Wortsman J, et al. **J Lab Clin Med** 1985 Mar;105(3):337-41

Elevated levels of apolipoprotein E in the high density lipoproteins of human cord blood plasma. Blum CB, et al. **J Lipid Res** 1985 Jun;26(6):755-60

Relationships of prostaglandin levels and natural killer (NK) cell cytotoxicity of mononuclear cells in cord blood. Ching CY, et al. **J Med** 1984;15(3):233-6

Fetal calf serum-mediated inhibition of neurite growth from ciliary ganglion neurons in vitro. Davis GE, et al. **J Neurosci Res** 1984;12(1):29-39

Catecholamines in arterial and venous umbilical blood: placental extraction, correlation with fetal hypoxia, and transcutaneous partial oxygen tension. Paulick R, et al. **J Perinat Med** 1985;13(1):31-42

Value of umbilical blood acid-base studies in fetal assessment. Gordon A, et al. **J Reprod Med** 1985 Apr;30(4):329-36

Umbilical cord cortisol in breech delivery. Tomaževič T, et al. **J Reprod Med** 1985 Jan;30(1):53-6

Testosterone, dihydrotestosterone and estradiol-17 beta levels in maternal and fetal plasma and in fetal testes in the rat. Habert R, et al. **J Steroid Biochem** 1984 Aug; 21(2):193-8

Transferrin in maternal and cord blood: the relationship with birthweight. Dissanayake S, et al. **J Trop Med Hyg** 1984 Aug;87(4):167-71

parathyroid hormone concentrations in maternal and fetal blood and in amniotic fluid from pregnant rats. Harada I, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):893-6

Maternal and fetal plasma concentrations of ritodrine. Gross TL, et al. **Obstet Gynecol** 1985 Jun;65(6):793-7

The Apgar score: is it enough? Silverman F, et al. **Obstet Gynecol** 1985 Sep;66(3):331-6

Precursor prothrombin status in two mother-infant pairs following gestational anticonvulsant therapy. Argent AC, et al. **Pediatr Pharmacol (New York)** 1984;4(3):183-7

Colloid osmotic pressure of umbilical cord plasma in healthy and sick newborn infants. Ekblad H, et al. **Pediatrics** 1985 Apr;75(4):764-9

Cord plasma alpha-fetoprotein values and neonatal jaundice. Tan KL, et al. **Pediatrics** 1984 Dec;74(6):1065-8

The hypoxanthine level in cord blood—a potential indicator of foetal hypoxia. Mŏchurová A, et al. **Physiol Bohemoslov** 1985;34(2):173-6

The relationship of placental protein 14 (PP14) in the mother and fetus to specific products of the human placenta. Bolton AE, et al. **Placenta** 1985 Jan-Feb;6(1):1-4

Testosterone levels in midtrimester maternal and fetal plasma and amniotic fluid. Rodeck CH, et al. **Prenat Diagn** 1985 May-Jun;5(3):175-81

Unusual apparently constitutive interferons and antagonists in human placental blood. Duc-Goiran P, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5010-4

Blood parameters and body composition in fetuses from reciprocal crosses of genetically lean and obese swine. Stone RT, et al. **Proc Soc Exp Biol Med** 1985 Oct; 180(1):191-5

Interpreting AFP and AChE results in bloodstained amniotic fluid samples. Cuckle HS. **Prog Clin Biol Res** 1985; 163B:213-7

Abnormal serum protein levels in infants with hyaline membrane disease—evidence of an underlying immunological disorder. Hardie G, et al. **S Afr Med J** 1985 Feb 2;67(5):161-5

Value of glycosylated haemoglobin determination in diabetic pregnancy. Macfarlane CM, et al. **S Afr Med J** 1985 Aug 31;68(5):310-2

Evidence of hyperinsulinaemia and hypoxaemia in the cord blood of neonates born to mothers with gestational diabetes. Macfarlane CM, et al. **S Afr Med J** 1985 Jan 19;67(3):81-4

Evidence of hypoxaemia and distribution of minor haemoglobin components in the cord blood of neonates born to diabetic mothers. Tsakalakos N, et al. **S Afr Med J** 1985 Apr 20;67(16):628-32

Paired maternal and umbilical cord serum cholesterol and triglyceride levels in Jamaicans. Normal values and the influence of some perinatal factors. Singhi S, et al. **West Indian Med J** 1984 Sep;33(3):158-63

[Levels of cortisol in plasma in the fetus and neonate] Přibylová H, et al. **Cesk Gynekol** 1985 May;50(4):273-6 (Eng. Abstr.) (Cze)

[Levels of cholesterol in fetal blood in premature labor] Sobata V, et al. **Cesk Gynekol** 1984 Dec;49(10):713-6 (Eng. Abstr.) (Cze)

[Vitamin status of low-birth-weight infants and their mothers] Navarro J. **Bull Acad Natl Med (Paris)** 1984 May-Jun;168(5-6):531-3 (Fre)

[Relations between iron levels in mothers and in their newborn infants] Hercberg S, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):835-40 (Eng. Abstr.) (Fre)

[Fetal hormonology by direct sampling of fetal blood during the 2d trimester of pregnancy. Study of fetal and maternal 5-ene steroid sulfates] Daffos F, et al. **Pathol Biol (Paris)** 1984 Oct;32(8):891-4 (Fre)

[Study of a new fetal blood gas parameter: oxygen saturation] Vitse M, et al. **Rev Fr Gynecol Obstet** 1984 Dec; 79(12):777-81 (Eng. Abstr.) (Fre)

[FBA and/or CTG: fetal blood analysis and/or cardiotocography] Hammacher K. **Geburtshilfe Frauenheilkd** 1984 Sep;44(9):608-10 (Eng. Abstr.) (Ger)

[Evaluation of markers in pediatric allergies] Cavagni G. **Boll Ist Sieroter Milan** 1984 Sep;63(4):277-89 (Eng. Abstr.) (Ita)

[Effects of the use of FRIGEN (AG-Ffm-HOECST) on the determination of blood levels of some proteins (IgA, IgM, IgG, C3c, C4) in cord blood of healthy newborn infants at term by laser nephelometry] Costanzo A, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1811-7 (Eng. Abstr.) (Ita)

[Potential ratios among blood levels of various blood proteins in the cord blood of healthy newborn infants] Mesiano V, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):221-8 (Eng. Abstr.) (Ita)

[Levels of free and conjugated catecholamines in amniotic fluid and in umbilical and maternal blood in patients undergoing cesarean section] Bardazzi N, et al. **Quad Sclavo Diagn** 1984 Dec;20(4):364-71 (Eng. Abstr.) (Ita)

[Immunoglobulins (G, A, M) in umbilical cord blood: determination using laser nephelometry] Caielli R, et al. **Quad Sclavo Diagn** 1984 Jun;20(2):163-70 (Eng. Abstr.) (Ita)

[Effects of delivery positions on the onset of first cry and umbilical blood gas parameters] Koga S. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):107-14 (Eng. Abstr.) (Jpn)

[Properdin levels in the amniotic fluid, maternal venous and umbilical cord blood serum in complicated pregnancy] Orlik-Runge T, et al. **Ginekol Pol** 1984 Apr;55(4):243-8 (Eng. Abstr.) (Pol)

[Chromium in the environment and its relation to human reproduction] Poradovský K, et al. **Cesk Gynekol** 1985 May;50(4):269-72 (Eng. Abstr.) (Slo)

[Polycythemia in the newborn infant] Cervantes FJ, et al. **Ginecol Obstet Mex** 1984 Mar;52(323):53–62 (Spa)

[Radioimmunoanalysis of adrenaline and noradrenaline in the normal fetus at term] Martínez Alcalá FO, et al. **Ginecol Obstet Mex** 1983 Oct;51(318):267–72 (Eng. Abstr.) (Spa)

CYTOLOGY

Arachidonic acid-induced aggregation of platelets from human cord blood compared with platelets from adults. Ahlsten G, et al. **Biol Neonate** 1985;47(4):199–204

Effect of neonatal cerebrospinal fluid on monocyte chemotaxis. Pappu LD, et al. **Biol Neonate** 1985;47(2):70–6

Characterization of immature T cell subpopulations in neonatal blood [letter] **Blood** 1985 Feb;65(2):507–9

Single-cell origin of human mixed hemopoietic colonies expressing various combinations of cell lineages. Nakahata T, et al. **Blood** 1985 Apr;65(4):1010–6

Immature T lymphocytes in human cord blood identified by monoclonal antibodies: a model for the study of the differentiation pathway of T cells in humans. Foa R, et al. **Cell Immunol** 1984 Nov;89(1):194–201

Pregnancy-associated growth factor. I. A proliferative agent which expands adult and cord T4 cells in unfractionated cultures. Morse JH, et al. **Clin Immunol Immunopathol** 1985 Feb;34(2):237–53

Recognition of immature T-cell phenotypes in neonatal blood using monoclonal antibodies. Patterson JA, et al. **Diagn Immunol** 1983;1(3):205–10

Chemotactic and random movement of cord-blood granulocytes. Maródi L, et al. **Experientia** 1984 Dec 15; 40(12):1407–10

Cord blood T lymphocyte subpopulations in premature and full-term infants. Lilja G, et al. **Int Arch Allergy Appl Immunol** 1984;75(3):273–5

Defective membrane potential changes in neutrophils from human neonates. Sacchi F, et al. **J Exp Med** 1984 Oct 1; 160(4):1247–52

Characterization of the human newborn response to herpesvirus antigen. Chilmonczyk BA, et al. **J Immunol** 1985 Jun;134(6):4184–8

Morphologic and immunologic characterization of human basophils developed in cultures of cord blood mononuclear cells. Ishizaka T, et al. **J Immunol** 1985 Jan;134(1):532–40

Mode of in vitro augmentation of natural killer cell activity by recombinant human interleukin 2: a comparative study of Leu-11+ and Leu-11- cell populations in cord blood and adult peripheral blood. Seki H, et al. **J Immunol** 1985 Oct;135(4):2351–6

Impaired production of gamma-interferon by newborn cells in vitro is due to a functionally immature macrophage. Taylor S, et al. **J Immunol** 1985 Mar;134(3):1493–7

A procedure for the isolation of highly purified populations of B cells, T cells and monocytes from human peripheral and umbilical cord blood. Hoover ML, et al. **J Immunol Methods** 1985 Apr 8;78(1):71–85

Studies on human cord blood progenitor cells. Yuen E, et al. **Nat Immun Cell Growth Regul** 1983–84;3(3):155–64

Erythroid progenitors in human fetal liver. Kimura N, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1235–41

Characterization of erythroid and granulocyte monocyte progenitors in human cord blood. Issaragrisil S, et al. **Scand J Haematol** 1984 Sep;33(3):317–22

Terminal differentiation of cord blood lymphocytes induced by thymosin fraction 5 and thymosin alpha 1. Ho AD, et al. **Scand J Immunol** 1985 Mar;21(3):221–5

[G-banded chromosomes of cord blood in newborn infants] Hua Y. **Chung Hua Fu Chan Ko Tsa Chih** 1985 May; 20(3):164–6, 190–1 (Eng. Abstr.) (Chi)

DRUG EFFECTS

In vitro comparison of the efficacy of cyclooxygenase inhibitors on the adult versus neonatal platelet. Stuart MJ, et al. **Biol Neonate** 1985;47(5):265–9

Kinetics of amyl nitrite-induced hemoglobin oxidation in cord and adult blood. Tarburton JP, et al. **Toxicology** 1985 Jul;36(1):15–21

[Deformability of erythrocytes from the umbilical cord of newborn infants after the administration of oxytocin in vitro] Tomášek J, et al. **Cesk Gynekol** 1985 Mar;50(2):84–7 (Eng. Abstr.) (Cze)

ENZYMOLOGY

Cyclic AMP-phosphodiesterase activity and histamine release in cord blood leukocyte preparations. McMillan JC, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:24–32

Fetal plasma carbonic anhydrase III in prenatal diagnosis of Duchenne muscular dystrophy. Heath R, et al. **Am J Med Genet** 1985 Jan;20(1):115–22

Luminol assay for microdetermination of superoxide dismutase activity: its application to human fetal blood. Hsu TP, et al. **Anal Biochem** 1984 Nov 1;142(2):467–72

A comparative study on the NAD glycohydrolase of the maternal and neonatal erythrocytes. Suh BH, et al. **Asia Oceania J Obstet Gynaecol** 1985 Jun;11(2):169–76

Cord blood G-6-PD activity by quantitative enzyme assay and fluorescent spot test in Chinese neonates. Fok TF, et al. **Aust Paediatr J** 1985 Feb;21(1):23–5

Alkaline ribonuclease activity in maternal serum and in serum of newborns from birth up to thirty days of age. A study made with full-term appropriate-, full-term small- and preterm appropriate-for-gestational-age infants. Trindade CE, et al. **Biol Neonate** 1985;47(4):211–6

Elevated chondroitin 6-sulfotransferase activity in fetal bovine serum. Sugahara K, et al. **FEBS Lett** 1985 Apr 8; 183(1):43–6

Immunomodulators and enzymes of purine metabolism in human lymphocytes. Ambrogi F, et al. **Int J Tissue React** 1984;6(5):379–84

Elevated umbilical cord blood leukocyte cyclic adenosine monophosphate-phosphodiesterase activity in children with atopic parents. Heskel NS, et al. **J Am Acad Dermatol** 1984 Sep;11(3):422–6

Acetylcholinesterase from fetal bovine serum. Purification and characterization of soluble G4 enzyme. Ralston JS, et al. **J Biol Chem** 1985 Apr 10;260(7):4312–8

Creatine kinase estimation in pure fetal blood samples for the prenatal diagnosis of Duchenne muscular dystrophy. Edwards RJ, et al. **Prenat Diagn** 1984 Jul–Aug;4(4):267–77

Immunoreactive trypsin level in fetoscopically-obtained cord sera of second trimester fetuses. Ryley HC, et al. **Prenat Diagn** 1984 Jul–Aug;4(4):303–6

[Peroxidation and the antioxidation system in the blood in ontogenesis] Dubinina EE, et al. **Vopr Med Khim** 1984 Sep–Oct;30(5):28–33 (Eng. Abstr.) (Rus)

IMMUNOLOGY

Immunoregulatory function of human cord blood lymphocytes on immunoglobulin production. Cheng H, et al. **Am J Reprod Immunol** 1984 Jun;5(4):171–8

Incidence of neutrophil antigens on human cord neutrophils. Madyastha PR, et al. **Am J Reprod Immunol** 1984 Oct–Nov; 6(3):124–7

Transplacental alloimmunization to fetal erythrocytes in rhesus monkeys (Macaca mulatta). Stong RC, et al. **Am J Reprod Immunol** 1984 Oct–Nov;6(3):128–32

Predictive capacity of cord blood IgE for the development of allergy in infancy and childhood. Bousquet J, et al. **Ann Allergy** 1984 Dec;53(6 Pt 2):692–5 (11 ref.)

G, A and M immunoglobulin levels in the parturients' blood serum, umbilical blood of their neonates, and the amniotic fluid in deliveries of prolonged pregnancies. Gryboś M. **Arch Immunol Ther Exp (Warsz)** 1984;32(4):397–403

BK virus specific IgM responses in cord sera, young children and healthy adults detected by RIA. Brown DW, et al. **Arch Virol** 1984;82(3–4):149–60

Analysis of decreased autologous mixed lymphocyte reaction of cord blood lymphocytes: with special reference to production of and response to interleukin-2 (IL-2). Kawano Y, et al. **Asian Pac J Allergy Immunol** 1984 Jun; 2(1):49–55

Augmentation of pokeweed mitogen-induced immunoglobulin production by cord T-cell supernatants. Brazil J, et al. **Biol Neonate** 1985;47(1):36–41

Association of decreased natural and antibody-dependent cellular cytotoxicity and production of natural killer cytotoxic factor and interferon in neonates. Nair MP, et al. **Cell Immunol** 1985 Aug;94(1):159–71

Human T cells in cord blood: abnormalities in IA antigens induction by phytohemagglutinin and in autologous mixed lymphocyte reactions. Scudeletti M, et al. **Cell Immunol** 1984 Oct 15;88(2):521–30

Insulin antibodies in the maternal and foetal circulation of pregnant diabetic women treated with human insulin of recombinant DNA origin. Leiper JM, et al. **Diabetes Res** 1984 Jul;1(2):75–81

Insulin-anti-insulin complexes in diabetic women and their neonates. Di Mario U, et al. **Diabetologia** 1984 Jul;27 Suppl:83–6

Maternal end cord serum levels of tissue polypeptide antigen (TPA) in normal pregnancies. Bremme K, et al. **Gynecol Obstet Invest** 1985;19(3):118–23

A study on an artifact introduced by fetal bovine serum-supplemented medium. Mizushima Y, et al. **Hokkaido Igaku Zasshi** 1985 May;60(3):321–6

Immunological status of newborn infants. Hariharan K, et al. **Indian J Pediatr** 1984 Jul–Aug;51(411):419–22

Neonatal infections: I—Maternal and cord serum IgG levels in relation to gestation and intrauterine growth. Tandon R, et al. **Indian J Pediatr** 1984 Sep–Oct;51(412):521–7

A mature thymocyte-like phenotypic pattern on human cord circulating T-lymphoid cells. Gerli R, et al. **J Clin Immunol** 1984 Nov;4(6):461–8

Interleukin-2 production by cord blood lymphocytes stimulated with mitogen and in the mixed leukocyte culture. Hauser GJ, et al. **J Clin Lab Immunol** 1985 Jan; 16(1):37–40

The autologous mixed lymphocyte reaction in cord blood lymphocytes: altered kinetics and magnitude of proliferative response compared to the adult autologous mixed lymphocyte reaction. Zamkoff KW, et al. **J Clin Lab Immunol** 1985 Feb;16(2):87–90

SS-A (Ro) antibody in random mother-infant pairs. Calmes M, et al. **J Clin Pathol** 1985 Jan;38(1):73–5

Transplacental antibodies. Part III: Maternal antibodies against polioviruses, M. parotitidis and M. parainfluenzae. Celko A, et al. **J Hyg Epidemiol Microbiol Immunol** 1985; 29(2):193–9

Defective IFN-gamma production in the human neonate. I. Dysregulation rather than intrinsic abnormality. Wakasugi N, et al. **J Immunol** 1985 Jan;134(1):167–71

Immune globulin for intravenous use: enhancement of in vitro opsonophagocytic activity of neonatal serum. Givner LB, et al. **J Infect Dis** 1985 Feb;151(2):217–20

Human NK cell activity is not inhibited by pregnancy and cord serum factors and female steroid hormones in vitro. Ukaila J. **J Reprod Immunol** 1985 Feb;7(2):111–20

Prenatal detection of rubella-specific IgM in fetal sera. Morgan-Capner P, et al. **Prenat Diagn** 1985 Jan–Feb; 5(1):21–6

Factors responsible for successful HLA-DR typing of mononuclear cells from cord blood. Radvany RM, et al. **Tissue Antigens** 1984 Oct;24(4):265–9

Detection of IgG anti-Lewis (a) antibodies in cord sera by kinetic Elisa. Spitalnik S, et al. **Vox Sang** 1985;48(4):235–8

[Critical evaluation of the possibility of predicting atopy in the neonatal period] Altobelli R, et al. **Pediatr Med Chir** 1983 Nov–Dec;5(6):555–9 (Eng. Abstr.) (Ita)

[Screening analysis of immunoglobulin M in umbilical cord blood] Dorłaczyński H, et al. **Ginekol Pol** 1984 Jul; 55(7):505–8 (Eng. Abstr.) (Pol)

[Alloimmune thrombocytopenia in newborn infants caused by specific anti-platelet antibodies] Maślanka K. **Pediatr Pol** 1985 Jan;60(1):69–75 (Eng. Abstr.) (Pol)

METABOLISM

Influence of two different anaesthetic agents on the newborn and the correlation between foetal oxygenation and induction-delivery time in elective caesarean section. Bernstein K, et al. **Acta Anaesthesiol Scand** 1985 Feb; 29(2):157–60

25-Hydroxyvitamin D and 1,25-dihydroxyvitamin D of D2 and D3 origin in maternal and umbilical cord serum after vitamin D2 supplementation in human pregnancy. Markestad T, et al. **Am J Clin Nutr** 1984 Nov;40(5):1057–63

The presence of cyclosporine in body tissues and fluids during pregnancy. Flechner SM, et al. **Am J Kidney Dis** 1985 Jan;5(1):60–3

Disposition of ethanol in maternal blood, fetal blood, and amniotic fluid of third-trimester pregnant ewes. Brien JF, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):583–90

Mathematical model of fetal circulation and oxygen delivery. Huikeshoven FJ, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R192–202

Induction in utero of hepatic glucose-6-phosphatase by fetal hypoinsulinemia. Domenech M, et al. **Biol Neonate** 1985; 47(2):92–8

Lipoproteins and apoproteins of fetal and newborn piglets. Hollanders B, et al. **Biol Neonate** 1985;47(5):270–9

The effects of acute and chronic perinatal stress on plasma vasopressin concentration and renin activity at birth. Pohjavuori M, et al. **Biol Neonate** 1985;47(5):259–64

Alteration of arterial gas composition by positive pressure ventilation in the unanesthetized fetal lamb in utero. Willis DM, et al. **Biol Neonate** 1985;47(5):295–304

The cord blood oxygen affinity from normal human newborns: 1) A methodological approach. Fabris C, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2163–70

The whole blood oxygen affinity in normal human newborns: II) P50, n value and related parameters. Tosetti F, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):99–106

Relation between fetal arterial PO2 and oxytocin-induced uterine contractions in pregnant sheep. Lye SJ, et al. **Can J Physiol Pharmacol** 1984 Oct;62(10):1337–40

Effects of hyperinsulinemia in the primate fetus. Susa JB, et al. **Diabetes** 1985 Jun;34 Suppl 2:36–41

Long-term effect of diabetes and pregnancy in the rat. van Assche FA, et al. **Diabetes** 1985 Jun;34 Suppl 2:116–8

Possible role of cortisol in the stimulation of cortisol-binding capacity in the plasma of fetal sheep. Challis JR, et al. **Endocrinology** 1985 Mar;116(3):1139–44

Perinatal and postnatal patterns of plasma sex steroid-binding protein and testosterone in relation to puberty in the male little brown bat. Gustafson AW, et al. **Endocrinology** 1984 Dec;115(6):2347–54

Prostanoid concentrations in maternal/fetal plasma and amniotic fluid and intrauterine tissue prostanoid output in relation to myometrial contractility during the onset of adrenocorticotropin-induced preterm labor in sheep. Olson DM, et al. **Endocrinology** 1985 Jan;116(1):389–97

Naloxone protein binding in adult and foetal plasma. Asali LA, et al. **Eur J Clin Pharmacol** 1984;27(4):459–63

Arginine vasopressin in amniotic fluid, arterial and venous cord plasma and maternal venous plasma. Johannesen P, et al. **Gynecol Obstet Invest** 1985;19(4):192–5

Reversible change in the fibroblast lysosomal enzyme dipeptidyl aminopeptidase-1 (cathepsin C) related to the commercial source of fetal bovine serum in the culture medium. Doughty MJ, et al. **In Vitro Cell Dev Biol** 1985 Jun;21(6):340–6

Cord blood prolactin in normal & abnormal deliveries. Thomas S, et al. **Indian J Med Res** 1984 Oct;80:439–43

Selenium concentration in maternal and umbilical cord blood, placenta and amniotic membranes. Korpela H, et al. **Int J Vitam Nutr Res** 1984;54(2–3):257–61

Normal reference ranges for biochemical substances relating to renal, hepatic, and bone function in fetal and maternal plasma throughout pregnancy. Moniz CF, et al. **J Clin Pathol** 1985 Apr;38(4):468–72

Influence of gestational age on cord serum bilirubin binding studies. Ritter DA, et al. **J Pediatr** 1985 Jan;106(1):118–21

Fetal lamb clearance of morphine as determined by high performance liquid chromatography with electrochemical detection. Olsen GD, et al. **Neuropeptides** 1984 Dec;

5(1–3):77–80

Concentrations of total and ionic calcium, inorganic phosphorus, magnesium, and protein in maternal and fetal blood and in amniotic fluid in parathyroidectomized pregnant rats. Harada I, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):403–11

Effect of nicotine on fetal prostacyclin and thromboxane in humans. Ylikorkala O, et al. **Obstet Gynecol** 1985 Jul; 66(1):102–5

Lidocaine and mepivacaine in cord blood. Watson PD, et al. **Pediatr Pharmacol (New York)** 1982;2(4):341–8

Oxidative metabolism of cord blood neutrophils: relationship to content and degranulation of cytoplasmic granules. Ambruso DR, et al. **Pediatr Res** 1984 Nov;18(11):1148–53

Serum growth-promoting activity measured as [3H]thymidine incorporation into human activated lymphocytes and serum transferrin levels in newborns and mothers. Bozzola M, et al. **Pediatr Res** 1985 Feb; 19(2):220–3

Correlation between fetal and maternal serum bile acid concentrations. Colombo C, et al. **Pediatr Res** 1985 Feb; 19(2):227–31

Circulating thyrotropin in the ovine fetus: evidence for pulsatile release and the effect of hypothermia in utero. Fraser M, et al. **Pediatr Res** 1985 Feb;19(2):208–12

The development of glucose metabolism in infants of diabetic mothers. Wako Y, et al. **Tohoku J Exp Med** 1984 Nov; 144(3):273–80

[Prostacyclin sensitivity of thrombocytes and prostacyclin-like activity in the umbilical cord] Briel RC, et al. **Z Geburtshilfe Perinatol** 1984 Nov–Dec;188(6):275–8 (Eng. Abstr.) (Ger)

[Microelements in the placenta, in maternal blood and in umbilical cord blood] Takács S, et al. **Zentralbl Gynakol** 1984;106(17):1204–14 (Eng. Abstr.) (Ger)

[Comparative study of the proteolytic products of fibronectins in the serum of adult and embryonic animals formed under the effects of proteinases of the spleen] Zlatopol'skiĭ AD, et al. **Biokhimiia** 1984 Sep;49(9):1418–24 (Eng. Abstr.) (Rus)

[Redox potential and pH of the blood of newborn infants and their mothers following normal and pathologic pregnancies] Bylinkina VV. **Pediatriia** 1985 Mar;(3):6–9 (Eng. Abstr.) (Rus)

MICROBIOLOGY

[Bacteriologic study of umbilical blood and its clinical significance] Velcminský M, et al. **Cesk Gynekol** 1984 Aug; 49(7):475–8 (Eng. Abstr.) (Cze)

PHYSIOLOGY

pH measurement from the fetus during labor—a task for the midwife? Löfgren O. **Acta Obstet Gynecol Scand** 1984; 63(8):703–6

Neonatal and maternal fibrinolysis: activation at time of birth. Suarez CR, et al. **Am J Hematol** 1985 Aug;19(4):365–72

Quantitative measurement of fetal blood flow using Doppler ultrasound. Erskine RL, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):600–4

Umbilical artery blood flow characteristics in normal and growth-retarded fetuses. Erskine RL, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):605–10

The relation between umbilical pH values and neonatal neurological morbidity in full term appropriate-for-dates infants. Dijxhoorn MJ, et al. **Early Hum Dev** 1985 May; 11(1):33–42

Effect of cord blood plasma on erythroid burst formation. Hara M. **Hiroshima J Med Sci** 1984 Sep;33(3):337–40

Flow through the foramen ovale of the fetal and new-born lamb. Anderson DF, et al. **J Physiol (Lond)** 1985 Aug; 365:29–40

Bovine leukemia virus inhibiting activity in fetal calf serum. Cereda PM, et al. **Microbiologica** 1984 Jul;7(3):251–6

Changes in the umbilical venous blood flow of human fetus in labor. Murakami M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May; 37(5):776–82

Bupivacaine alters red blood cell properties: a possible explanation for neonatal jaundice associated with maternal anesthesia. Clark DA, et al. **Pediatr Res** 1985 Apr; 19(4):341–3

Opsonic activity of cord blood sera against various species of microorganism. Maródi L, et al. **Pediatr Res** 1985 May; 19(5):433–6

Characteristics and functional capacities of human cord blood granulocytes and monocytes. Maródi L, et al. **Pediatr Res** 1984 Nov;18(11):1127–31

Neonatal and maternal hemostasis: value of molecular markers in the assessment of hemostatic status. Suarez CR, et al. **Semin Thromb Hemost** 1984 Oct;10(4):280–4

Maternal and fetal platelet responses and adrenoceptor binding characteristics. Jones CR, et al. **Thromb Haemost** 1985 Feb 18;53(1):95–8

FETAL CIRCULATION, PERSISTENT see PERSISTENT FETAL CIRCULATION SYNDROME

FETAL DEATH

15(S)-15-methyl-prostaglandin F2 alpha used for induction of delivery in the case of intra-uterine fetal death. Osler M, et al. **Acta Obstet Gynecol Scand** 1985;64(2):131–2

Perinatal and maternal mortality in a religious group avoiding obstetric care. Kaunitz AM, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):826–31

Some characteristics of breech deliveries. Wong FC, et al. **Asia Oceania J Obstet Gynaecol** 1985 Jun;11(2):183–7

Progress report on nationwide networking system of perinatal summary records. Yamamoto K, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):99–106

Supportive counselling of parents after a stillbirth. Barr P, et al. **Aust Fam Physician** 1984 Aug;13(8):621–2

Trial of 16,16 dimethyl trans delta 2 prostaglandin E1 methyl ester vaginal pessaries for management of second trimester fetal death [letter] Goh TH. **Aust NZ J Obstet Gynaecol** 1984 Nov;24(4):294

Why are stillbirth and neonatal mortality rates continuing to fall? Alberman E. **Br J Obstet Gynaecol** 1985 Jun; 92(6):559–64

Changing problems and priorities in obstetrics. Baird D. **Br J Obstet Gynaecol** 1985 Feb;92(2):115–21

Wessex perinatal mortality survey 1982. Buckell EW, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):550–8

Enquiry into perinatal death [editorial] Chalmers I. **Br J Obstet Gynaecol** 1985 Jun;92(6):545–9

A routine system for monitoring perinatal deaths in Scotland. McIlwaine GM, et al. **Br J Obstet Gynaecol** 1985 Jan; 92(1):9–13

Transmission of the maternal electrocardiograph via a fetal scalp electrode in the presence of intrauterine death. Case report. McWhinney NA, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):1046–8

Short, Black, Baird, Himsworth, and social class differences in fetal and neonatal mortality rates [editorial] Chalmers I. **Br Med J [Clin Res]** 1985 Jul 27;291(6490):231–3

Fetal mortality in sibships of cases with neural tube defects. Lippman A. **Clin Genet** 1984 Dec;26(6):563–8

Intrauterine fetal demise and hemostatic failure: the fetal death syndrome. Romero R, et al. **Clin Obstet Gynecol** 1985 Mar;28(1):24–31

Soluble fibrin monomer complexes and other hemostatic parameters in patients with intrauterine fetal death. Gilabert J, et al. **Gynecol Obstet Invest** 1985;19(2):82–8

Relationship between fetal position and stillbirth in the cynomolgus monkeys (Macaca fascicularis): retrospective analysis. Cho F, et al. **J Med Primatol** 1985;14(3):169–74

Development of a perinatal grief checklist. Beckey RD, et al. **J Obstet Gynecol Neonatal Nurs** 1985 May–Jun; 14(3):194–9

Grief and perinatal loss. A community hospital approach to support. Carr D, et al. **J Obstet Gynecol Neonatal Nurs** 1985 Mar–Apr;14(2):130–9

Congenital malformation: dental features of acardia—case report. Dean D, et al. **J Oral Med** 1985 Jul–Sep;40(3):106–7

Secular changes of the sex-ratio of stillbirths and early deaths in Italy: evidence for postponement of male specific risk. Ulizzi L, et al. **Jinrui Idengaku Zasshi** 1984 Jun; 29(2):139–45

Use of refined perinatal mortality rate trends to evaluate the effect of a confidential inquiry. Thomas J, et al. **Lancet** 1985 Jul 27;2(8448):197–9

Parental perinatal grief as viewed by a community health sister. McKibben HI. **Med J Aust** 1984 Nov 10; 141(10):655–7

Abortion or premature delivery? Perkins R. **Med J Aust** 1985 Mar 4;142(5):313–4

Intrauterine twin demise and oligomeganephronia. Weir MR, et al. **Nephron** 1985;40(4):482–4

Comparing perinatal mortality. Hein HA, et al. **Obstet Gynecol** 1985 Sep;66(3):346–9

Prenatal care and perinatal mortality in a black population. Rahbar F, et al. **Obstet Gynecol** 1985 Mar;65(3):327–9

Long-term reactions following a stillbirth with a congenital abnormality: a preliminary report. Morris J, et al. **Z Kinderchir** 1984 Dec;39 Suppl 2:117–9

[Prolonged intrauterine retention of the dead fetus] Aagesen L, et al. **Ugeskr Laeger** 1984 Aug 27;146(35):2626–7 (Eng. Abstr.) (Dan)

[Obstetrical consequences of unresolved mourning over the death of an infant in the perinatal period] Eskes TK. **Ned Tijdschr Geneeskd** 1985 Mar 9;129(10):433–6 (Dut)

[Developments in perinatal mortality in the last 25 years] Renaer M. **Verh K Acad Geneeskd Belg** 1985;47(1):5–25 (Eng. Abstr.) (Dut)

[Impact of the new classification by weight group recommended by WHO on perinatal mortality] Langhendries JP, et al. **Arch Belg** 1984;42(9–10):492–500 (Eng. Abstr.) (Fre)

[A new prostaglandin E1 analog in late interruption of pregnancy, in utero deaths and very premature ruptures of the membranes. Apropos of 117 cases] Henrion R, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):939–46 (Eng. Abstr.) (Fre)

[In utero death of one twin and cerebral complications in the surviving twin] Choulot JJ, et al. **Presse Med** 1985 May 11;14(19):1077–80 (Eng. Abstr.) (Fre)

[Epidemiology of fatal abnormalities in Switzerland] Ackermann-Liebrich U, et al. **Soz Praventivmed** 1985; 30(1):9–12 (Eng. Abstr.) (Ger)

[Successful induction of abortion in intrauterine fetal death and operated pulmonary embolism] Kölbl H, et al. **Z Geburtshilfe Perinatol** 1984 Nov–Dec;188(6):285–6 (Eng. Abstr.) (Ger)

[Hepatic failure due to fatty liver of pregnancy] Zohar S, et al. **Harefuah** 1985 Jan 15;108(2):79–82 (Eng. Abstr.) (Heb)

[Transcervical intra-amniotic induction with PgF2 alpha in missed abortion and labor in the 3d trimester of pregnancy with dead fetus. II] Rizzuto E, et al. **Minerva Ginecol** 1985 Apr;37(4):137–9 (Eng. Abstr.) (Ita)

[Perinatal morbidity and mortality in maternity hospitals. I—Project description and general results] Laurenti R, et al. **Rev Saude Publica** 1984 Dec;18(6):436–47 (Eng. Abstr.) (Por)

[Stimulation of uterine contraction in fetal death] Gurtovoĭ BL, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):65–7 (Eng. Abstr.) (Rus)

[Possible fate of conceived twins and the birth of a single viable fetus—the 'vopiscus'] Rosenzweig E. **Med Pregl** 1984;37(7–8):343–5 (Ser)

CHEMICALLY INDUCED

Aspirin reduces alcohol-induced prenatal mortality and malformations in mice. Randall CL, et al. **Alcoholism (NY)** 1984 Nov–Dec;8(6):513–5

An activity derived from rabbit serum causing interruption of pregnancy in mice. Waters CA, et al. **Am J Reprod Immunol Microbiol** 1985 Jan;7(1):7–14

Fetal death following extra-amniotic prostaglandin gel. Report of two cases [letter] Thiery M. **Br J Obstet Gynaecol** 1985 Apr;92(4):427–8

Intrauterine death during continuous subcutaneous infusion of insulin. Steel JM, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1787

Intrauterine death from ergotamine overdosage. Au KL, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 May;19(5):313–5

Fatal in utero salicylism. Rejent TA, et al. **J Forensic Sci** 1985 Jul;30(3):942–4

Ethanol-induced late fetal death in mice exposed around the time of fertilization. Washington WJ, et al. **Mutat Res** 1985 Aug;147(4):205–10

Paternal cyclophosphamide treatment of rats causes fetal loss and malformations without affecting male fertility. Trasler JM, et al. **Nature** 1985 Jul 11–17;316(6024):144–6

Alcohol enhancement of marihuana-induced fetotoxicity. Abel EL. **Teratology** 1985 Feb;31(1):35–40

The relationship between prenatal lethality or fetal weight and intrauterine position in rats exposed to diethylstilbestrol, zeranol, 3,4,3',4'-tetrachlorobiphenyl, or cadmium. Cornwall GA, et al. **Teratology** 1984 Dec; 30(3):341–9

Teratogenicity and embryolethality of acrolein and structurally related compounds in rats. Slott VL, et al. **Teratology** 1985 Aug;32(1):65–72

Embryolethality in rats caused by retinoic acid. Vickers TH. **Teratology** 1985 Feb;31(1):19–33

An analysis of factors responsible for resorption of embryos in cisplatin-treated rats. Bajt ML, et al. **Toxicol Appl Pharmacol** 1985 Aug;80(1):97–107

The acute toxicity and teratogenicity of nickel in pregnant rats. Mas A, et al. **Toxicology** 1985 Apr;35(1):47–57

[Several probability distributions applied to the dominant lethal mutation test] Liu YY. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 May; 18(3):151–4 (Eng. Abstr.) (Chi)

[Assessment of damage to the child in acute CO poisoning in pregnancy] Weiler G, et al. **Geburtshilfe Frauenheilkd** 1984 Nov;44(11):744–8 (Eng. Abstr.) (Ger)

[Experimental studies on the embryotoxic, gonadotoxic and mutagenic effects of hexachlorophene] Dymin VV, et al. **Gig Sanit** 1984 Aug;(8):25–6 (Eng. Abstr.) (Rus)

[Effect of hydrazine on the reproductive function of animals exposed to it in different ways] Dymin VV, et al. **Gig Sanit** 1984 Sep;(9):25–8 (Eng. Abstr.) (Rus)

[Comparative gonadotoxic effect of maloran in laboratory animals after its administration by different routes] Shepel'skaia NR, et al. **Gig Sanit** 1985 Mar;(3):84–5 (Rus)

[Embryotoxic effect of diuron in animal experiments] Telakin IuN, et al. **Gig Sanit** 1984 Aug;(8):83–5 (Rus)

[Embryotropic effect of fenuron] Voloshina LT. **Vrach Delo** 1985 Feb;(2):103–5 (Eng. Abstr.) (Rus)

[Effect of oils heated with aniline on development in the Wistar rat] Alia M, et al. **Arch Farmacol Toxicol** 1985 Apr; 11(1):63–8 (Eng. Abstr.) (Spa)

COMPLICATIONS

Intra-uterine fetal death and thrombosis of the umbilical vessels. Vous Kristiansen F, et al. **Acta Obstet Gynecol Scand** 1985;64(4):331–4

Vascular basis for malformations in a twin. David TJ. **Arch Dis Child** 1985 Feb;60(2):166–7

Primary central nervous system tumors in stillborns and infants. Epidemiological considerations. Jänisch W, et al. **J Neurooncol** 1984;2(2):113–6

DIAGNOSIS

The predictive value of total estriol; HPL and Hb on perinatal outcome in severe pre-eclampsia. Sagen N, et al. **Acta Obstet Gynecol Scand** 1984;63(7):603–8

The role of ultrasound in the aggressive management of obstructed labor secondary to fetal malformations. Clark SL, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1042–4

Misinterpretation of fetal heart rate monitoring in case of intrauterine death. Achiron R, et al. **Clin Exp Obstet Gynecol** 1984;11(4):126-9

Antibody to cardiolipin as a predictor of fetal distress or death in pregnant patients with systemic lupus erythematosus. Lockshin MD, et al. **N Engl J Med** 1985 Jul 18;313(3):152-6

Stillbirth after nonstress testing. Barss VA, et al. **Obstet Gynecol** 1985 Apr;65(4):541-5

[Our management of arrested pregnancies in the 2d and 3d trimesters of pregnancy] Rezgui M, et al. **Tunis Med** 1984 Nov;62(7):523-6 (Eng. Abstr.) (Fre)

[Cardiotocography—practice. Case 9] Nieder J. **Zentralbl Gynakol** 1985;107(11):714-6 (Ger)

[Use of vital stains as an investigational method in pregnancies at term with living and dead fetuses] Morales A, et al. **Rev Chil Obstet Ginecol** 1983;48(5):349-53 (Spa)

ETIOLOGY

Prenatal death from acute myocardial infarction and cardiac tamponade due to embolus from the placenta. Wolf PL, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):603-5

Maternal urinary tract infection and adverse fetal outcomes. McGrady GA, et al. **Am J Epidemiol** 1985 Mar; 121(3):377-81

The importance of primary diagnosis in perinatal death. Davies BR, et al. **Am J Obstet Gynecol** 1985 May 1; 152(1):17-23

Diagnosis of congenital syphilis by immunofluorescence following fetal death in utero. Epstein H, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):689-90

The significance of a previous stillbirth. Freeman RK, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):7-13

Escherichia coli gas production in a stillborn fetus. Jasnosz KM, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):1001-2

Fetal assessment based on fetal biophysical profile scoring: experience in 12,620 referred high-risk pregnancies. I. Perinatal mortality by frequency and etiology. Manning FA, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):343-50

Weight-specific stillbirths and associated causes of death: an analysis of 765 stillbirths. Morrison I, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):975-80

A prospective study of microbial infection in stillbirths and early neonatal death. Quinn PA, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):238-49

Brain injury and intrauterine death. Sims ME, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):721-3

Clinically silent polymicrobial amnionitis and intrauterine fetal death associated with a Cu-7 intrauterine contraceptive device. Waites KB, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):998-9

Pilot study of revised stillbirth and neonatal death certificates. Gedalla B, et al. **Arch Dis Child** 1984 Oct;59(10):976-82

Fusobacteria. An important cause of chorioamnionitis. Altshuler G, et al. **Arch Pathol Lab Med** 1985 Aug; 109(8):739-43

Leatherwork: a possible hazard to reproduction [letter] Golding J, et al. **Br Med J [Clin Res]** 1985 Jun 29; 290(6486):1986

A case-control study of stillbirths at a teaching hospital in Zambia, 1979-80: serological investigations for selected infectious agents. Watts TE, et al. **Bull WHO** 1984; 62(5):803-8

Fetal loss from umbilical cord abnormalities—a difficult case for prevention. Ghosh A, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Nov;18(4):183-98

Twin pregnancy: report of a case with 35 days between deliveries. Omaje IH, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Aug;17(6):413-5

Fetal mortality at the time of chorionic villi sampling. Lippman A, et al. **Hum Genet** 1984;68(4):337-9

Foetal loss & family size in neonatal jaundice due to ABO-HDN, G-6-PD deficiency & low birth weight. Gupte SC, et al. **Indian J Med Res** 1984 Aug;80:209-11

Pregnancy impairment in mice by antibodies to subcellular placenta fractions. Morenz J, et al. **Int J Fertil** 1984; 29(2):91-7

Previous experience of induced abortion as a risk factor for fetal death and preterm delivery. Park TK, et al. **Int J Gynaecol Obstet** 1984 Jun;22(3):195-202

Stereoisomers of alpha-tocopheryl acetate. III. Simultaneous determination of resorption-gestation and myopathy in rats as a means of evaluating biopotency ratios of all-rac- and RRR-alpha-tocopheryl acetate. Weiser H, et al. **Int J Vitam Nutr Res** 1985;55(2):149-58

Blunt and penetrating trauma during pregnancy: four cases. Timms MR, et al. **J Med Assoc Ga** 1985 Mar;74(3):158-61

Sudden, unforeseen fetal death in a woman being treated for premature labor. A case report. Lenke RR, et al. **J Reprod Med** 1984 Dec;29(12):872-4

An interesting ultrasonic observation following chorionic villus sampling. Maxwell DJ, et al. **JCU** 1985 Jun; 13(5):343-4

Intracranial haemorrhages in Pacific Islander stillbirths: is traditional massage the cause? [letter] Becroft DM, et al. **NZ Med J** 1985 Jan 23;98(771):18-9

In defence of traditional massage [letter] Maiai S. **NZ Med J** 1985 Apr 10;98(776):251

The stillborn fetus: placental histologic examination in determining a cause. Rayburn W, et al. **Obstet Gynecol** 1985 May;65(5):637-41

Amniotic fluid infection with intact membranes in relation to stillborns. Royston D, et al. **Obstet Gynecol** 1985 May; 65(5):745-6

Macrosomia—maternal characteristics and infant complications. Spellacy WN, et al. **Obstet Gynecol** 1985 Aug;66(2):158-61

Fetal loss after chorionic villus sampling (CVS) in small and large centres [letter] Hecht F, et al. **Prenat Diagn** 1985 Mar-Apr;5(2):167-8

Adolescent mothers and fetal loss, what is learned from experience? Smith PB, et al. **Psychol Rep** 1984 Dec; 55(3):775-8

Maternal toxicity: a possible etiological factor in embryo-fetal deaths and fetal malformations of rodent-rabbit species. Khera KS. **Teratology** 1985 Feb; 31(1):129-53

Embryotoxic and teratogenic effect of high intensity, low frequency ultrasonic vibration on chicken embryos. Shpuntoff H, et al. **Ultrasound Med Biol** 1984 Nov-Dec; 10(6):697-700

Fatal congenital human leptospirosis. Faine S, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Sep;257(4):548

[Rate and causes of perinatal mortality in the cities of Jiangsu Province] **Chung Hua Fu Chan Ko Tsa Chih** 1984 Jul; 19(3):151-4, 191 (Eng. Abstr.) (Chi)

[Intrauterine fetal death caused by stricture and torsion of the umbilical cord] Ahrentsen OD, et al. **Ugeskr Laeger** 1984 Oct 29;146(44):3374-5 (Eng. Abstr.) (Dan)

[Spontaneous abortions and stillbirths in relation to prenatal examinations in Denmark. Report from the Cytogenetic Central Register] Friedrich U, et al. **Ugeskr Laeger** 1984 Jun 18;146(25):1848-9 (Eng. Abstr.) (Dan)

[Antenatal fetal death] Kjer JJ, et al. **Ugeskr Laeger** 1984 Aug 27;146(35):2623-6 (Eng. Abstr.) (Dan)

[Intrapericardial teratoma in a stillborn infant] Lauritzen AF, et al. **Ugeskr Laeger** 1984 Jun 18;146(25):1859-60 (Eng. Abstr.) (Dan)

[Congenital heart defects as a cause of still birth and infant mortality] Busch R, et al. **Gegenbaurs Morphol Jahrb** 1985; 131(2):253-9 (Eng. Abstr.) (Ger)

[Death in-utero of one twin due to asymptomatic premature separation of the placenta] Katz Z, et al. **Harefuah** 1984 Nov 1;107(9):235-6 (Eng. Abstr.) (Heb)

[Effect of irradiating immature oocytes of mice of different ages with low doses of x-ray] Gajewski AK, et al. **Med Dosw Mikrobiol** 1984;36(3):189-94 (Eng. Abstr.) (Pol)

[Case of maternal and fetal death caused by acute pancreatitis] Krzewicki J, et al. **Wiad Lek** 1985 Feb 1; 38(3):241-3 (Eng. Abstr.) (Pol)

[Data on the causes of perinatal mortality based on pathologoanatomical studies] Kartushina LM, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):73-4 (Rus)

[Pneumocystosis in a pregnant patient complicated by transplacental infection and intrauterine fetal death] Kurennaia SS, et al. **Akush Ginekol (Mosk)** 1985 Apr; (4):72-3 (Rus)

[Hemorrhage during pregnancy as a fetal risk factor] Sadauskas VM, et al. **Akush Ginekol (Mosk)** 1985 Jan; (1):32-5 (Eng. Abstr.) (Rus)

[Combined embryotoxic effect of formaldehyde and UV irradiation (pre- and postnatal effects)] Il'in VP, et al. **Gig Sanit** 1985 Mar;(3):78-9 (Rus)

[The problem of causality in the analysis of perinatal mortality] Langer A, et al. **Bol Med Hosp Infant Mex** 1984 Oct;41(10):528-35 (Eng. Abstr.) (Spa)

FAMILIAL & GENETIC

Cytogenetics of pregnancy wastage. Boué A, et al. **Adv Hum Genet** 1985;14:1-57 (150 ref.)

Fetal mortality in sibships with one or more affected members with oral clefts. Mutchinick O, et al. **Am J Med Genet** 1985 Feb;20(2):317-23

Fetal mortality in oral cleft families (X): a response [letter] Dronamraju KR, et al. **Clin Genet** 1985 Jun;27(6):613-6

Fetal mortality in oral cleft families (IX): factors relating to the occurrence of sporadic clefts. Dronamraju KR, et al. **Clin Genet** 1984 Oct;26(4):322-30

Fragile sites and chromosome breakpoints in constitutional rearrangements II. Spontaneous abortions, stillbirths and newborns. Hecht F, et al. **Clin Genet** 1984 Sep;26(3):174-7

[Lissencephaly in one of twins] Utsunomiya T, et al. **No To Hattatsu** 1985 Jul;17(4):352-6 (Eng. Abstr.) (Jpn)

[Incidence of chromosome anomalies in 123 married couples with reproductive loss] Lukáčová M, et al. **Bratisl Lek Listy** 1985 Jun;83(6):658-69 (Eng. Abstr.) (Slo)

IMMUNOLOGY

Immunologic consequences of vaccination against abortion in mice. Chaouat G, et al. **J Immunol** 1985 Mar; 134(3):1594-8

MICROBIOLOGY

Microbiological studies during the perinatal period. An attempt to correlate selected bacterial and viral infections with intra-uterine deaths and preterm labour. Ross SM, et al. **S Afr Med J** 1984 Oct 20;66(16):598-603

OCCURRENCE

Analysis of intrapartum fetal deaths: their decline with increasing electronic fetal monitoring. Erkkola R, et al. **Acta Obstet Gynecol Scand** 1984;63(5):459-62

Changing panorama of perinatal and infant mortality in diabetic pregnancy. Olofsson P, et al. **Acta Obstet Gynecol Scand** 1984;63(5):467-72

Re: 'Perinatal mortality: standardizing for birthweight is biased' [letter] Kleinman JC. **Am J Epidemiol** 1984 Nov; 120(5):798-801

Ultrasound evaluation of amniotic fluid volume. I. The relationship of marginal and decreased amniotic fluid volumes to perinatal outcome. Chamberlain PF, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):245-9

Ultrasound evaluation of amniotic fluid volume. II. The relationship of increased amniotic fluid volume to perinatal outcome. Chamberlain PF, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):250-4

Twin pregnancy with intrauterine death of one twin. Enbom JA. **Am J Obstet Gynecol** 1985 Jun 15;152(4):424-9

Declining perinatal mortality in a region of Finland, 1968-82. Piekkala P, et al. **Am J Public Health** 1985 Feb;75(2):156-60

Perinatal mortality with particular reference to the Singapore situation. Tan KL. **Ann Acad Med Singapore** 1984 Apr; 13(2):252-63

Fetal death rates in mothers of children with trisomy 21 (Down syndrome). Lippman A, et al. **Ann Hum Genet** 1984 Oct;48 (Pt 4):303-12

An analysis of ethnic differences in perinatal statistics in Singapore. Viegas OA, et al. **Asia Oceania J Obstet Gynaecol** 1984 Sep;10(3):295-302

Perinatal mortality rate in 11 Jiangsu cities. Liu BL, et al. **Chin Med J [Engl]** 1985 Mar;98(3):157-60

Diabetes in pregnancy. An epidemiologic study by Department of Obstetrics and Gynaecology of Sassari University from 1974 to 1983. Piras G, et al. **Clin Exp Obstet Gynecol** 1985;12(1-2):26-8

Perinatal mortality surveys in an African teaching hospital: II. The influence of clinico-pathologic and other factors on perinatal deaths. Adewunmi OA, et al. **East Afr Med J** 1984 Oct;61(10):778-86

Perinatal mortality surveys in an African teaching hospital: I. The past and present statistics. Dawodu AH, et al. **East Afr Med J** 1984 Sep;61(9):687-95

A study of perinatal mortality rate from rural based Medical College Hospital. Bhatia BD, et al. **Indian J Pediatr** 1984 Mar-Apr;51(409):165-71

Some observations on perinatal mortality in rural health centre. Damodar, et al. **Indian J Pediatr** 1983 Nov-Dec; 50(407):629-33

Perinatal mortality. Gupta PK, et al. **Indian Pediatr** 1985 Mar;22(3):201-5

Perinatal mortality in the Maltese Islands. Savona Ventura C, et al. **Int J Gynaecol Obstet** 1985 Feb;23(1):25-30

Epidemiologic analysis of fetal death in utero in Singapore. Tan KC, et al. **Int J Gynaecol Obstet** 1984 Jun;22(3):181-8

Fetal death and maternal occupation. An analysis of birth records in the State of Washington. Vaughan TL, et al. **J Occup Med** 1984 Sep;26(9):676-8

Nebraska stillborn survey—1981. Field CA, et al. **Nebr Med J** 1985 Jul;70(7):238-40

Perinatal mortality at a level 2 obstetric hospital: problems after 32 weeks gestation. Gunn T, et al. **NZ Med J** 1984 Dec 12;97(769):862-5

Reproductive loss in man: total and chromosomally determined. Zakharov AF. **Prog Clin Biol Res** 1985; 163C:9-14

Early embryonic loss: report of the study group. Zakharov AF. **Prog Clin Biol Res** 1985;163C:3-7

Assessing the contribution of changes in maternal age and parity to the decline in rates of reproductive mortality [letter] James WH. **Rev Epidemiol Sante Publique** 1984; 32(2):153-4

The use of logit models to investigate social and biological factors in infant mortality. II: Stillbirths. Murrells TJ, et al. **Stat Med** 1985 Apr-Jun;4(2):189-200

[For an improvement in the quality of fetal-infantile mortality statistics] Kaminski M, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):957-9 (Fre)

[Perinatal mortality in Quebec from 1967 to 1980] Brault R. **Union Med Can** 1984 Jul;113(7):557-60 (Eng. Abstr.) (Fre)

[Perinatal and maternal mortality in the United States] Ryan G Jr. **Union Med Can** 1984 Jul;113(7):572-6 (Eng. Abstr.) (Fre)

[Perinatal mortality in various weight classes: evaluation of data of the Ospedale Maria Vittoria, Turin 1977-1981] Guala G, et al. **Ann Osp Maria Vittoria Torino** 1983 Jan-Jun;26(1-6):69-80 (Eng. Abstr.) (Ita)

[Perinatal mortality: clinico-statistical considerations (1970-1981)] Pesando PC, et al. **Ann Ostet Ginecol Med Perinat** 1985 Jan-Feb;106(1):5-11 (Eng. Abstr.) (Ita)

[Pregnancy wastage and prenatal diagnosis] Grünfeld B, et al. **Tidsskr Nor Laegeforen** 1985 May 30;105(15):1079-81 (Nor)

[Development and survival of mouse embryos in intra- and interstrain transplants] Titok TG, et al. **Tsitol Genet** 1984 Nov-Dec;18(6):433-7 (Eng. Abstr.) (Rus)

[Various aspects of prenatal and perinatal reproductive loss] Cisarik F, et al. **Bratisl Lek Listy** 1985 Jun;83(6):670-7

(Eng. Abstr.) (Slo)

[Perinatal mortality and congenital anomalies in children of diabetic mothers. I] Frič D, et al. **Cesk Gynekol** 1985 Mar; 50(2):99–102 (Eng. Abstr.) (Slo)

[Perinatal mortality and congenital anomalies in children of diabetic mothers. II] Pačin J, et al. **Cesk Gynekol** 1985 Apr; 50(3):180–2 (Eng. Abstr.) (Slo)

PATHOLOGY

Hypotensive brain stem necrosis in a stillborn. Taylor SR, et al. **Acta Neuropathol (Berl)** 1984;65(2):166–7

Short rib–polydactyly syndrome (Majewski type): report of a case with autopsy findings. Akimoto N, et al. **Hiroshima J Med Sci** 1985 Jun;34(2):189–199

Nonimmune hydrops fetalis: a challenge in perinatal pathology. Mostoufi–Zadeh M, et al. **Hum Pathol** 1985 Aug;16(8):785–9

MPMLC assists pathologist researching infant defects. Troutman D. **Mich Med** 1985 Jun;84(6):368–9

[Primary failure of the development of the chorion in chromosome 16 trisomy] Jirásek JE, et al. **Cesk Gynekol** 1985 May;50(4):294–6 (Cze)

[Intrauterine death or infant death shortly after birth: reporting and diagnostic aspects] Christiaens GC, et al. **Ned Tijdschr Geneeskd** 1984 Aug 4;128(31):1482–6 (Dut)

[Dyssegmental dysplasia. Clinical case report and review of literature] Stöss H. **Pathologe** 1985 Mar;6(2):88–95 (Ger)

[Studies on implantation traces in rats. I. Size, observation period and staining] Yamada T, et al. **Jikken Dobutsu** 1985 Jan;34(1):17–22 (Eng. Abstr.) (Jpn)

[Morphologic changes in the organs of the immune system of stillborn infants and dead newborn infants exposed to antigens] Barkov LA. **Vrach Delo** 1984 Dec;(12):25–8 (Eng. Abstr.) (Rus)

PHYSIOPATHOLOGY

Predicting in vitro tissue culture growth for cytogenetic evaluation of stillborn fetuses. Macpherson TA, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Mar;19(3):167–74

Mechanism of foetal wastage following immunoneutralization of riboflavin carrier protein in the pregnant rat: disturbances in flavin coenzyme levels. Krishnamurthy K, et al. **FEBS Lett** 1984 Dec 3;178(1):87–91

PREVENTION & CONTROL

Antepartum fetal surveillance in gestational diabetes mellitus. Landon MB, et al. **Diabetes** 1985 Jun;34 Suppl 2:50–4

Intravenous gammaglobulin to prevent stillbirth in rhesus incompatibility [letter] Rewald E. **Lancet** 1985 Jul 27; 2(8448):208

Intrauterine fetal death in twins after 32 weeks of gestation. Knuppel RA, et al. **Obstet Gynecol** 1985 Feb;65(2):172–5

[Assessment of fetal movements in the prevention of intrauterine fetal death] Sadovsky E, et al. **Harefuah** 1985 May 1;108(9):425–8 (Eng. Abstr.) (Heb)

RADIOGRAPHY

The value of perinatal post–mortem radiography. Experience of 514 cases. Seppänen U. **Ann Clin Res** 1985;17 Suppl 44:1–59

VETERINARY

Effect on perinatal mortality of a single selenium injection to sows and gilts. Mikél Jensen A, et al. **Acta Vet Scand** 1984;25(3):436–44

In utero infection of swine fetuses with infectious bovine rhinotracheitis virus (bovine herpesvirus–1). Joo HS, et al. **Am J Vet Res** 1984 Oct;45(10):1924–7

Biological assay of attenuated strain NADL–2 and virulent strain NADL–8 of porcine parvovirus. Mengeling WL, et al. **Am J Vet Res** 1984 Nov;45(11):2403–7

Teratological examination of Wofatox 50 EC (50% methylparathion) on pheasant embryos. Déli E, et al. **Anat Anz** 1985;158(3):237–40

Enzyme activities in amniotic fluid and maternal blood in cattle before and after induced foetal death and abortion. Mohamed AR, et al. **Br Vet J** 1985 Jan–Feb;141(1):49–59

Triplet pregnancy in two Thoroughbred mares. Whitwell KE. **Equine Vet J** 1984 Jul;16(4):393–6

Correlations between calving ease and calf survival. Cue RI, et al. **J Dairy Sci** 1985 Apr;68(4):958–62

Influence of housing conditions on pregnancy outcome in cynomolgus monkeys (Macaca fascicularis). Boot R, et al. **Lab Anim** 1985 Jan;19(1):42–7

Spontaneous lobster claw deformity in a silvery marmoset (Callithrix argentata). Pugsley SL. **Lab Anim** 1984 Oct; 18(4):388–9

Reproductive problems associated with bluetongue virus activity in Nebraska. Kvasnicka WG. **Prog Clin Biol Res** 1985;178:109–19

Ovine abortion and stillbirth due to purulent placentitis caused by Yersinia pseudotuberculosis. Karbe E, et al. **Vet Pathol** 1984 Nov;21(6):601–6

Craniofacial duplication (diprosopus) in the cat—case report and review of the literature. Sekeles E, et al. **Zentralbl Veterinarmed [A]** 1985 Mar;32(3):226–33

FETAL DEVELOPMENT

Descent of the testis in the fetal calf. A summary of the anatomy and process. Hullinger RL, et al. **Acta Anat (Basel)** 1985;121(1):63–8

Normal growth of the fetal biparietal diameter and the abdominal diameter in a longitudinal study. An evaluation of the two parameters in predicting fetal weight. Eriksen PS, et al. **Acta Obstet Gynecol Scand** 1985;64(1):65–70

Hydatidiform mole with a coexistent fetus. Sande HA, et al. **Acta Obstet Gynecol Scand** 1985;64(4):353–5

Assessment of gestational age by ultrasonic measurement of the femur length. Shalev E, et al. **Acta Obstet Gynecol Scand** 1985;64(1):71–4

Neonatal pulmonary haemorrhage, birthweight, gestational age and intrauterine growth. Fekete M, et al. **Acta Paediatr Hung** 1985;26(1):65–73

Lymphocyte subpopulations in peripheral blood of small–for–gestational age and appropriate–for–gestational age preterm neonates. Kiss S, et al. **Acta Paediatr Hung** 1984;25(3):291–7

Introduction of food to infants. Genetic–environmental considerations. Falkner F. **Am J Clin Nutr** 1985 Feb;41(2 Suppl):436–9

Introduction to the study of pre– and postnatal growth in humans: a review. Mendez H. **Am J Med Genet** 1985 Jan; 20(1):63–85 (107 ref.)

Use of ultrasound in antenatal diagnosis of large–for–gestational age infants in diabetic gravid patients. Bracero LA, et al. **Am J Obstet Gynecol** 1985 May 1; 152(1):43–7

Erythrocyte filterability and fetal development in normal pregnancy. Kaibara M, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):719–20

A longitudinal study of fetal head biometry. Jeanty P, et al. **Am J Perinatol** 1984 Jan;1(2):118–28

Normal growth of the abdominal perimeter. Jeanty P, et al. **Am J Perinatol** 1984 Jan;1(2):129–35

A longitudinal study of fetal limb growth. Jeanty P, et al. **Am J Perinatol** 1984 Jan;1(2):136–44

Accurate ultrasonic estimation of fetal weight. Ott WJ, et al. **Am J Perinatol** 1985 Jul;2(3):178–82

Decreases in ovine fetal cartilage sulfate uptake and serum sulfate during gestation. Morriss FH Jr, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E115–20

Development of mouse embryos in hanging drop culture. Potter SW, et al. **Anat Rec** 1985 Jan;211(1):48–56

Age determination of early human embryos and fetuses. Kellokumpu–Lehtinen P. **Ann Hum Biol** 1984 Nov–Dec; 11(6):567–70

The role of gap junctions in development. Caveney S. **Annu Rev Physiol** 1985;47:319–35 (111 ref.)

Perinatal growth. Falkner F. **Arch Fr Pediatr** 1985 Mar; 42(3):195–7

The relationship between differences in regional growth rates and changes in shape during human fetal craniofacial growth. Trenouth MJ. **Arch Oral Biol** 1985;30(1):31–5

The relationship between gestational age and birth–weight in twin pregnancy. Fliegner JR, et al. **Aust NZ J Obstet Gynaecol** 1984 Aug;24(3):192–7

Energy metabolism during mammalian embryogenesis. Clough JR. **Biochem Soc Trans** 1985 Feb;13(1):77–9

Reprogramming of metabolic development by restriction of fetal growth. Jones CT. **Biochem Soc Trans** 1985 Feb; 13(1):89–91

Biochemical disturbances of fetal development. Snell K. **Biochem Soc Trans** 1985 Feb;13(1):73–5

Relationship between metabolic rate and body size in fetal life. Bell AW, et al. **Biol Neonate** 1985;47(2):120–3

Effects of exercise on fetal–placental growth and uteroplacental blood flow in the rat. Garris DR, et al. **Biol Neonate** 1985;47(4):223–9

Program for the eighteenth annual meeting of the Society for the Study of Reproduction, including a symposium on gonadal function and fetal development under stress. Montreal, Quebec, Canada, July 22–25, 1985. Abstracts. **Biol Reprod** 1985;32 Suppl 1:38–241

Development of pituitary gonadotropic cells in the pig fetus and the effect of luteinizing hormone–releasing hormone administration. Meijer JC, et al. **Biol Reprod** 1985 Feb; 32(1):137–43

Craniofacial defects from genetic and teratogen–induced deficiencies in presomite embryos. Sulik KK. **Birth Defects** 1984;20(3):79–98

Craniofacial development: the possible mechanisms for some malformations. Vig KW, et al. **Br J Orthod** 1984 Jul; 11(3):114–8

Ultrasound in first trimester shows no difference in fetal size between the sexes. Selbing A, et al. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):750

Observations on the development in vitro of early (13–day) and later (15–day) porcine embryos. Trujano M, et al. **Br Vet J** 1985 Jul–Aug;141(4):378–87

Embryonic development of the pig: ultrastructure and uptake of macromolecules during early pregnancy. Barends PM, et al. **Cell Biol Int Rep** 1985 Jun;9(6):517

Mini–review: hyaluronidases in early embryonic development. Stern CD. **Cell Biol Int Rep** 1984 Sep; 8(9):703–17 (78 ref.)

Fetal growth control: the role of insulin and related peptides. Milner RD, et al. **Clin Endocrinol (Oxf)** 1984 Oct; 21(4):415–33 (81 ref.)

Lithium, sodium, potassium and rubidium cation concentrations during the development of certain organs of unborn rabbits. Paasivaara R, et al. **Comp Biochem Physiol [A]** 1984;79(1):77–80

Techniques for observing fetal behavior in utero: a comparison of chemomyelotomy and spinal transection. Smotherman WP, et al. **Dev Psychobiol** 1984 Nov; 17(6):661–74

The chronology of adipose tissue appearance and distribution in the human fetus. Poissonnet CM, et al. **Early Hum Dev** 1984 Sep;10(1–2):1–11

The internal milieu of the pregnant rat is not growth promoting for maternal tissues and it reduces growth of fetal paw transplants. Cooke PS, et al. **Endocrinology** 1985 May;116(5):1899–904

Androgen receptors are similar in fetal and adult rabbits. George FW, et al. **Endocrinology** 1984 Oct;115(4):1451–8

Serial investigations of early pregnancy in pony mares using real time ultrasound scanning. Allen WE, et al. **Equine Vet J** 1984 Nov;16(6):509–14

Preliminary studies of mammary secretions in the mare to assess foetal readiness for birth. Ousey JC, et al. **Equine Vet J** 1984 Jul;16(4):259–63

Growth of the equine foetus. Platt H. **Equine Vet J** 1984 Jul;16(4):247–52 (56 ref.)

Developmental changes in the blood–ocular barriers in chicken embryos. Latker CH, et al. **Exp Eye Res** 1984 Oct; 39(4):401–14

Erythroid progenitor cells and stimulating factors during murine embryonic and fetal development. Johnson GR, et al. **Exp Hematol** 1985 Mar;13(3):200–8

Delayed pulmonary maturation in the fetus of the streptozotocin–diabetic rat. Gewolb IH, et al. **Exp Lung Res** 1985;8(2–3):141–51

Effect of serum source on human fertilization and embryonic growth parameters in vitro. Ball GD, et al. **Fertil Steril** 1985 Jul;44(1):75–9

Effects of human serum and plasma on development of mouse embryos in culture media. Shirley B, et al. **Fertil Steril** 1985 Jan;43(1):129–34

Zinc concentration of amniotic fluid in the course of pregnancy and its relationship to fetal weight and length. Durá Travé T, et al. **Gynecol Obstet Invest** 1984;18(3):152–5

Role of gynecological age and growth maturity status in fetal maturation and prenatal growth of infants born to young still–growing adolescent mothers. Frisancho AR, et al. **Hum Biol** 1984 Sep;56(3):583–93

Growth of the foetus and infant following maternal jejuno–ileal bypass for obesity: a case report. Brooke OG, et al. **Hum Nutr Appl Nutr** 1984 Aug;38(4):308–10

Fetal growth: relationship with maternal anthropometry, hemoglobin and serum albumin status. Bhatia BD, et al. **Indian J Pediatr** 1984 May–Jun;51(410):287–93

Fetal growth and perinatal mortality in twin pregnancy—effect of sick leave and hospitalization. Erkkola R, et al. **Int J Gynaecol Obstet** 1985 Apr; 23(2):115–20

Techniques and applications of transabdominal ultrasonography in the pregnant mare. Pipers FS, et al. **J Am Vet Med Assoc** 1984 Oct 1;185(7):766–71

The effects of mesencephalic neural crest cell extirpation on the development of chicken embryos. McKee GJ, et al. **J Anat** 1984 Oct;139 (Pt 3):491–512

Shape changes during human fetal craniofacial growth. Trenouth MJ. **J Anat** 1984 Dec;139 (Pt 4):639–51

In vitro development of porcine embryos in coculture with endometrial cell monolayers or culture supernatants. Allen RL, et al. **J Anim Sci** 1984 Dec;59(6):1657–61

Effects of maternal streptozotocin–diabetes on fetal growth, energy reserves and body composition of newborn pigs. Ezekwe MO, et al. **J Anim Sci** 1984 Oct;59(4):974–80

Maps of strength of positional signalling activity in the developing chick wing bud. Honig LS, et al. **J Embryol Exp Morphol** 1985 Jun;87:163–74

Sequence and regulation of morphological and molecular events during the first cell cycle of mouse embryogenesis. Howlett SK, et al. **J Embryol Exp Morphol** 1985 Jun; 87:175–206

Lack of growth hormone–dependent somatomedins or growth retardation in hypophysectomized fetal lambs. Parkes MJ, et al. **J Endocrinol** 1985 Feb;104(2):193–9

Passive immunization against progesterone inhibits endometrial sensitization in pseudopregnant mice and has antifertility effects in pregnant mice which are reversible by steroid treatment. Rider V, et al. **J Endocrinol** 1985 Jan;104(1):153–8

A multivalent lacto–N–fucopentaose III–lysyllysine conjugate decompacts preimplantation mouse embryos, while the free oligosaccharide is ineffective. Fenderson BA, et al. **J Exp Med** 1984 Nov 1;160(5):1591–6

Differential effects of recombinant human interferon–gamma and interleukin 2 on natural killer cell activity of peripheral blood in early human development. Ueno Y, et al. **J Immunol** 1985 Jul;135(1):180–4

Normal uterine growth curve by measurement of symphysial–fundal height in pregnant women seen at Ramathibodi Hospital. Linasmita V, et al. **J Med Assoc Thai** 1984 Oct;67 Suppl 2:22–6

Standard fetal growth curves for Thailand. Suthutvoravut S, et al. **J Med Assoc Thai** 1984 Oct;67 Suppl 2:36–41

Fetal brain waves and personhood [letter] Jones GE. **J Med Ethics** 1984 Dec;10(4):216–7

Singer and Kuhse on the potential of embryos [letter] Scarlett BF. **J Med Ethics** 1984 Dec;10(4):217–8

Effect of caloric restriction during pregnancy on maternal and fetal body composition in the obese Sprague-Dawley rat. Reynolds LK, et al. **J Nutr** 1984 Dec;114(12):2247–55

Effects of various levels of dietary calcium during pregnancy on maternal calcium utilization and fetal growth in rats. Lai A, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Jun;30(3):285–95

The predictive validity of fundal height curves in the identification of small- and large-for-gestational-age infants. Wise D, et al. **J Obstet Gynecol Neonatal Nurs** 1985 Mar–Apr;14(2):87–92

Experimental pulmonary hypoplasia and oligohydramnios: relative contributions of lung fluid and fetal breathing movements. Adzick NS, et al. **J Pediatr Surg** 1984 Dec;19(6):658–65

The effect of intrauterine esophageal ligation on growth of fetal rabbits. Wesson DE, et al. **J Pediatr Surg** 1984 Aug;19(4):398–9

Maternal serum alpha-fetoprotein (MSAFP) and fetal growth. Mariona FG, et al. **J Perinat Med** 1984;12(4):179–83

Follicular development, ovulation, fertilization and fetal development in tenrecs (Tenrec ecaudatus). Nicoll ME, et al. **J Reprod Fertil** 1985 May;74(1):47–55

Oxygen supply and fetal growth. Metcalfe J.
J Reprod Med 1985 Apr;30(4):301–7

Single ultrasonic estimation of fetal weight in utero compared with birth weight. Sampson MB, et al. **J Reprod Med** 1985 Jan;30(1):28–9

Energy transformation and entropy production in living systems I. Applications to embryonic growth. Briedis D, et al. **J Theor Biol** 1984 Sep 21;110(2):173–93

Homoeotic transformations in man: implications for the mechanism of embryonic development and for the organization of epithelia. Slack JM. **J Theor Biol** 1985 Jun 7;114(3):463–90

Underestimation of fetal weight in premature rupture of membranes. Divon MY, et al. **J Ultrasound Med** 1984 Dec;3(12):529–31

The femur length/head circumference relation in obstetric sonography. Hadlock FP, et al. **J Ultrasound Med** 1984 Oct;3(10):439–42

Fetal limb volume: a new parameter to assess fetal growth and nutrition. Jeanty P, et al. **J Ultrasound Med** 1985 Jun;4(6):273–82

The circumference of an ellipse [letter] Toms DA.
J Ultrasound Med 1984 Oct;3(10):480

Longitudinal studies of fetal growth using volume parameters determined with ultrasound. Deter RL, et al. **JCU** 1984 Jul–Aug;12(6):313–24

Sonographically detected free-floating particles in amniotic fluid predict a mature lecithin-sphingomyelin ratio. Gross TL, et al. **JCU** 1985 Jul–Aug;13(6):405–9

Ultrasonic assessment of fetal growth in the nonhuman primate (Macaca mulatta). Nyland TG, et al. **JCU** 1984 Sep;12(7):387–95

Mathematical modeling of fetal growth: II. Head cube (A), abdominal cube (B) and their ratio (A/B). Rossavik IK, et al. **JCU** 1984 Nov–Dec;12(9):535–45

Mathematical modeling of fetal growth: I. Basic principles. Rossavik IK, et al. **JCU** 1984 Nov–Dec;12(9):529–33

Multipotent developmental capacity of cells in the adult animal. Scarpelli DG. **Lab Invest** 1985 Apr;52(4):331–3

Ontogeny of neuroendocrine cells in human fetal lung. II. An immunohistochemical study. Stahlman MT, et al.
Lab Invest 1985 Jan;52(1):52–60

Do maternal energy reserves limit fetal growth? Briend A.
Lancet 1985 Jan 5;1(8419):38–40

Roles of serum thyroxine-binding proteins and maternal thyroid hormones in fetal development. Ekins R.
Lancet 1985 May 18;1(8438):1129–32

NMR imaging in human pregnancy: a preliminary study. Smith FW, et al. **Magn Reson Imaging** 1984;2(1):57–64

Effects of marijuana on pregnancy and fetal development in the human. Tennes K.
Natl Inst Drug Abuse Res Monogr Ser 1984;44:115–23 (24 ref.)

Growth discordancy in twin pregnancies: a risk factor not detected by measurements of biparietal diameter. Erkkola R, et al. **Obstet Gynecol** 1985 Aug;66(2):203–6

Estimation of fetal weight during labor. Patterson RM.
Obstet Gynecol 1985 Mar;65(3):330–2

Intrauterine growth in twin pregnancies: prediction of fetal growth retardation. Secher NJ, et al. **Obstet Gynecol** 1985 Jul;66(1):63–8

Three fetal ponderal indexes in normal pregnancy. Vintzileos AM, et al. **Obstet Gynecol** 1985 Jun;65(6):807–11

Fetal femur length: a critical reevaluation of the relationship to menstrual age. Warda AH, et al. **Obstet Gynecol** 1985 Jul;66(1):69–75

A hypothetical model suggesting suboptimal intrauterine growth in infants delivered preterm. Weiner CP, et al.
Obstet Gynecol 1985 Mar;65(3):323–6

A histological study of the development of human dental laminae. Nagahama S. **Okajimas Folia Anat Jpn** 1984 May;61(1):59–67

Fetal lung development in the diabetic pregnancy. Bourbon JR, et al. **Pediatr Res** 1985 Mar;19(3):253–67 (285 ref.)

The effects of unilateral ovariectomy during pregnancy on placental and fetal growth in mice. Dewar AD, et al.
Placenta 1984 Jul–Aug;5(4):323–7

Participation of estrogens in female sexual differentiation of the brain; neuroanatomical, neuroendocrine and behavioral evidence. Döhler KD, et al. **Prog Brain Res** 1984;61:99–117 (79 ref.)

Psychoendocrine research on sexual orientation. Current status and future options. Meyer-Bahlburg HF.
Prog Brain Res 1984;61:375–98 (127 ref.)

Developmental mechanisms, normal and abnormal. Proceedings of a workshop on Molecular Aspects of Abnormal Development. Salzburg, Austria, October 1983.
Prog Clin Biol Res 1985;171:1–334

A new theory about somite formation in the chick. Bellairs R. **Prog Clin Biol Res** 1985;171:25–44 (49 ref.)

Strategies for future research on control mechanisms in development and differentiation. Workshop summary. Ebert J, et al. **Prog Clin Biol Res** 1985;163C:365–8

Appearance of basement membrane components during the differentiation of limb bud mesenchyme cells in culture. Hassell JR, et al. **Prog Clin Biol Res** 1985;171:75–86

Somitogenesis: investigations on the mechanism of compaction in the presomitic mass and a possible role for fibronectin. Lash JW. **Prog Clin Biol Res** 1985;171:45–60

Mammalian embryos in culture: a new approach to investigating normal and abnormal developmental mechanisms. Sadler TW, et al. **Prog Clin Biol Res** 1985;171:227–40

The distal femoral epiphyseal ossification center in the assessment of third-trimester menstrual age: sonographic identification and measurement. Mahony BS, et al.
Radiology 1985 Apr;155(1):201–4

Tracheal morphogenesis and fetal development of the mucociliary epithelium of the rat. McAteer JA.
Scan Electron Microsc 1984;(Pt 4):1995–2008

Fetal pancreas transplantation in miniature swine. I. Developmental characteristics of fetal pig pancreases. Sasaki N, et al. **Transplantation** 1984 Oct;38(4):335–40

[Estimation of fetal weight by ultrasound scanning] Kliinder KB. **Ugeskr Laeger** 1985 Apr 8;147(15):1268–70 (Eng. Abstr.) (Dan)

[Structure-function relationship in the development of the fetal urinary tract] Gonzales J. **J Urol (Paris)** 1985;91(2):108–17 (Fre)

[Fetal development] Roux JF. **Union Med Can** 1984 Jul;113(7):577–80, 582–6 (Eng. Abstr.) (Fre)

[Fetal femur length in the 2d and 3d trimester of pregnancy] Schmidt W, et al. **Geburtshilfe Frauenheilkd** 1985 Feb;45(2):91–7 (Eng. Abstr.) (Ger)

[Pregnancy and fetal development after therapy of Hodgkin's disease] Slanina J, et al. **Strahlentherapie** 1985 Sep;161(9):558–64 (Eng. Abstr.) (Ger)

[Determination of gestational age using crown-rump length and the biparietal diameter in the 1st half of pregnancy—comparison of 2 methods] Fendel H, et al.
Z Geburtshilfe Perinatol 1984 Jul–Aug;188(4):161–6 (Eng. Abstr.) (Ger)

[Effect of maternal anxiety (unrest) on the health status of the fetus] Selvaggi L, et al. **Zentralbl Gynakol** 1984;106(23):1528–35 (Eng. Abstr.) (Ger)

[Serial determination of HbA1 or the oral glucose test in the adequate evaluation of fetal growth?] Mansani FE, et al. **Acta Biomed Ateneo Parmense** 1984;55(3–4):167–72 (Eng. Abstr.) (Ita)

[A rule for the calculation of various echographic parameters] Ciasca G, et al. **Minerva Ginecol** 1984 Jul–Aug;36(7–8):435–8 (Eng. Abstr.) (Ita)

[Ultrasonic fetal biometry in the second and third trimesters of pregnancy] Gramellini D, et al. **Minerva Ginecol** 1984 Jul–Aug;36(7–8):419–34 (Eng. Abstr.) (Ita)

[Rat aldolase isozyme gene: structure and expression in the liver during both fetal development and chemical carcinogenesis] Tsutsumi K, et al.
Gan To Kagaku Ryoho 1985 Mar;12(3 Pt 2):616–21 (Eng. Abstr.) (Jpn)

[Effects of environmental factors on human fertilization and embryonic development] Hoshi K, et al.
Nippon Sanka Fujinka Gakkai Zasshi 1984 Sep;36(9):1387–400 (Jpn)

[Hemodilution and anemia in pregnancy and fetal development] Kaibara M, et al.
Nippon Sanka Fujinka Gakkai Zasshi 1984 Oct;36(10):1893–900 (Eng. Abstr.) (Jpn)

[Fetal weight estimation by ultrasonics. Evaluation of 2 methods] Hals T, et al. **Tidsskr Nor Laegeforen** 1985 May 30;105(15):1052–4 (Eng. Abstr.) (Nor)

[Characteristics of the feto-placental complex in pregnant women with various forms of chronic glomerulonephritis] Shekhtman MM, et al. **Akush Ginekol (Mosk)** 1985 May;(5):45–8 (Eng. Abstr.) (Rus)

[Trace elements and perinatal development] Deshchekina MF, et al. **Pediatriia** 1985 Apr;(4):73–6 (65 ref.) (Rus)

[Significance and trends in intrauterine growth in developing countries] Vega-Franco L. **Bol Med Hosp Infant Mex** 1984 Dec;41(12):643–4 (Spa)

[Maternal nutrition and fetal growth] Mora JO. **GEN** 1983 Jan–Jun;37(1–2):1–15 (Spa)

[A combination of 3 fetal parameters in the diagnosis of intrauterine growth retardation] Vaccaro H, et al.
Rev Chil Obstet Ginecol 1983;48(4):263–9 (Eng. Abstr.) (Spa)

[Embryologico-echographic correlates in the 1st trimester of pregnancy] Yuraс C, et al. **Rev Chil Obstet Ginecol** 1984;49(5):346–58 (Eng. Abstr.) (Spa)

[Biochemical and ultrastructural characteristics of the placenta in relation to human nutrition] Araya J, et al.
Rev Med Chil 1984 Jul;112(7):649–54 (Eng. Abstr.) (Spa)

[Intrauterine growth in a selected group of Chilean newborn infants. Subdiagnosis of intrauterine growth retardation in Chile?] Juez G, et al. **Rev Med Chil** 1984 Aug;112(8):759–64 (Eng. Abstr.) (Spa)

DRUG EFFECTS

Effects of ethanol and maternal nutritional status on fetal development. Weinberg J. **Alcohol (NY)** 1985 Jan–Feb;9(1):49–55

Gestational zinc deficiency [letter] Bergmann KE, et al.
Am J Clin Nutr 1985 Aug;42(2):343–5

Biochemical and morphologic effects of ethanol on fetuses from normally ovulating and superovulated mice. Martinez F, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):428–33

Fentanyl does not inhibit fertilization or early development of sea urchin eggs. Bruce DL, et al. **Anesth Analg** 1985 May;64(5):498–500

Effect of LiCl on differentiation of mouse embryos beyond the blastocyst stage. Fernández MS, et al.
Arch Biol Med Exp (Santiago) 1983 Aug;16(1):51–4

The effects of acetaldehyde and 2,3-butanediol on rat embryos developing in vitro. Priscott PK.
Biochem Pharmacol 1985 Feb 15;34(4):529–32

Developmental toxicity of four glycol ethers applied cutaneously to rats. Hardin BD, et al.
Environ Health Perspect 1984 Aug;57:69–74

Protective effects of AET, MEA, and 5-HT in X-irradiated pregnant porton mice. Mazur L. **Folia Biol (Krakow)** 1984;32(1–2):81–7

Toxicity potential of absorbed-retained ethylene oxide residues in culture dishes on embryo development in vitro. Schiewe MC, et al. **J Anim Sci** 1985 Jun;60(6):1610–8

Effects of Alcide gel on fetal development in rats and mice. II. Gerges SE, et al. **J Appl Toxicol** 1985 Apr;5(2):104–9

Effect of magnesium injection on foetal development. Günther T, et al. **J Clin Chem Clin Biochem** 1984 Jul;22(7):473–8

Comparative effects of cathepsin inhibitors on rat embryonic development in vitro. Evidence that cathepsin D is unimportant in the proteolytic function of yolk sac. Freeman SJ, et al. **J Embryol Exp Morphol** 1985 Apr;86:271–81

The effect of protein on preimplantation mouse embryo development in vitro. Caro CM, et al.
J In Vitro Fert Embryo Transfer 1984 Sep;1(3):183–7

Effects of nicotine on oviducal blood flow and embryo development in the rat. Mitchell JA, et al.
J Reprod Fertil 1985 May;74(1):71–6

The effects of cyclopiazonic acid on pregnancy and fetal development of Fischer rats. Morrissey RE, et al.
J Toxicol Environ Health 1984;14(4):585–94

Histological studies on developing chick embryos treated with aminoguanidine sulfate. Sugiyama T, et al.
J Toxicol Sci 1985 May;10(2):143–53

Retinoic acid embryopathy: timing of exposure and effects on fetal development [letter] Hersh JH, et al. **JAMA** 1985 Aug 16;254(7):909–10

Toxic effects of chemicals on mouse post-blastocyst development—a trial to establish a testing system for embryotoxicity. Katayama S, et al.
Nippon Sanka Fujinka Gakkai Zasshi 1985 Mar;37(3):421–30

Effect of maternal oxygen inhalation on the fetus with growth retardation. Vileisis RA. **Pediatr Res** 1985 Mar;19(3):324–7

Prenatal gonadal steroidal influences on gender-related behavior. Reinisch JM, et al. **Prog Brain Res** 1984;61:407–16 (39 ref.)

The effect of surgical glove powder on cleavage of two-cell mouse embryos in an in vitro fertilization programme. Kruger TF, et al. **S Afr Med J** 1985 Feb 16;67(7):241–2

Influence of glucocorticoids on prenatal development of the gut and pancreas in rats. Majumdar AP, et al.
Scand J Gastroenterol 1985 Jan;20(1):65–71

Reproductive and developmental toxicity of metals. Clarkson TW, et al. **Scand J Work Environ Health** 1985 Jun;11(3 Spec No):145–54

In utero supplemental fetal feeding in an animal model: effects on fetal growth and development. Mulvihill SJ, et al.
Surgery 1985 Sep;98(3):500–5

The effect of acute maternal toxicity on fetal development in the mouse. Kavlock RJ, et al.
Teratogenesis Carcinog Mutagen 1985;5(1):3–13

Reproduction and fetal development in rats exposed to nitrous oxide. Mazze RI, et al. **Teratology** 1984 Oct;30(2):259–65

Absence of embryotoxic effects of formaldehyde after percutaneous exposure in hamsters. Overman DO.
Toxicol Lett 1985 Jan;24(1):107–10

[Passive smoking among pregnant women and its effect on the weight and growth of the newborn infant] Karakostov P. **Akush Ginekol (Sofiia)** 1985;24(2):28–31 (Eng. Abstr.) (Bul)

[Effects of intravenous administration of ranitidine hydrochloride to the pregnant rat in organogenesis period] Kamada S, et al. **J Toxicol Sci** 1984 Jun;9 Suppl 1:29–52 (Eng. Abstr.) (Jpn)

[Effect of trental on placental transport function and fetal development in hypotrophy] Kucheriavenko AN.
Akush Ginekol (Mosk) 1985 Apr;(4):67–9 (Rus)

RADIATION EFFECTS

Epidemiological studies on disturbances of human fetal development in areas with various doses of natural background radiation. II. Relationship between incidences of hydatidiform mole, malignant hydatidiform mole, and choriocepithelioma and gonad dose equivalent rate of natural background radiation. Ujeno Y. **Arch Environ Health** 1985 May-Jun;40(3):181-4

Intrauterine development of mice embryos after exposure to X-rays during the preimplantation period. Mazur L. **Folia Biol (Krakow)** 1984;32(1-2):71-9

The synergistic effects of radiation and caffeine on embryonic development in mice. Kusama T, et al. **J Radiat Res (Tokyo)** 1984 Sep;25(3):225-33

Discrimination between the effects of X-ray irradiation of the mouse oocyte and uterus on the induction of dominant lethals and congenital anomalies. II. Localised irradiation experiments. West JD, et al. **Mutat Res** 1985 Apr;149(2):231-8

FETAL DISEASES

see related
ABNORMALITIES

The management of fetal hydrocephalus. Chervenak FA, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):933-42

The management of bradycardia during nonstress tests [letter] Yeast JD. **Am J Obstet Gynecol** 1985 May 1;152(1):112-3

Progress in perinatal medicine III. 3rd International Berlin Meeting of Perinatal Medicine. 10th and 11th November 1983. Abstracts. **J Perinat Med** 1984;12 Suppl 1:1-100

Spontaneous intrauterine remission of hydrops fetalis in one identical twin: sonographic diagnosis. Shapiro I, et al. **JCU** 1985 Jul-Aug;13(6):427-30

Fetal supraventricular tachycardia. Review of the literature. Bergmans MG, et al. **Obstet Gynecol Surv** 1985 Feb;40(2):61-8 (45 ref.)

[Experience in our prenatal counseling service with congenital fetal arrhythmias] Musil J. **Cesk Gynekol** 1984 Nov;49(9):657-62 (Cze)

[Diagnosis and treatment of fetal supraventricular tachycardia. Apropos of 2 cases] Borg G, et al. **Rev Fr Gynecol Obstet** 1984 Feb;79(2):141-4 (Eng. Abstr.) (Fre)

[Fetal hydrops caused by cardiac failure in utero: description of 2 cases and pathogenetic considerations] Balducci G, et al. **Pediatr Med Chir** 1984 Jul-Aug;6(4):543-7 (Eng. Abstr.) (Ita)

BLOOD

Screening in pregnancy with unconjugated estriol compared with total estriol. Nielsen PV, et al. **Acta Obstet Gynecol Scand** 1985;64(4):297-301

Elevated maternal alpha-fetoprotein levels with subsequent fetal exsanguination. Dierker LJ. **Am J Obstet Gynecol** 1985 May 1;152(1):82-3

Fetal acidosis, 2-chloroprocaine, and epidural anesthesia for cesarean section. Philipson EH, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):322-4

Identifying fetal disorders by maternal serum alpha-fetoprotein screening. Haddow JE. **Practitioner** 1985 Aug;229(1406):721-5

[Antenatal cerebral hemorrhage and fetomaternal platelet incompatibility] Magny JF, et al. **Arch Fr Pediatr** 1984 Dec;41(10):711-2 (Eng. Abstr.) (Fre)

CHEMICALLY INDUCED

Exposure to chemical carcinogens during pregnancy: consequences for mother and conceptus. Rice JM. **Adv Exp Med Biol** 1984;176:13-49 (86 ref.)

Precipitated opiate abstinence in utero. Umans JG, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):441-4

Teratogenic effects of valproate in the CD-1 mouse fetus. Paulson RB, et al. **Arch Neurol** 1985 Oct;42(10):980-3

Fetal PCB syndrome: clinical features, intrauterine growth retardation and possible alteration in calcium metabolism. Yamashita F, et al. **Environ Health Perspect** 1985 Feb;59:41-5

Moderate prenatal ethanol exposure interacts with strain in affecting brain development in BALB/c and C57BL/6 mice. Wainwright P, et al. **Exp Neurol** 1985 Apr;88(1):84-94

Can captopril cause fetal and neonatal renal failure? Rothberg AD, et al. **Pediatr Pharmacol (New York)** 1984;4(3):189-92

[Assessment of damage to the child in acute CO poisoning in pregnancy] Weiler G, et al. **Geburtshilfe Frauenheilkd** 1984 Nov;44(11):744-8 (Eng. Abstr.) (Ger)

[Pregnancy and drug dependence] Clementi F, et al. **Minerva Med** 1985 Mar 24;76(12):563-6 (Eng. Abstr.) (Ita)

[Studies on the pharmacological bases of fetal toxicity of drugs (VIII). Enhancement effect of bacterial pyrogen on the fetal toxicity of salicylic acid] Itami T, et al. **Nippon Yakurigaku Zasshi** 1984 Nov;84(5):411-6 (Eng. Abstr.) (Jpn)

[Effect of the degree of water mineralization on reproductive function in women] Shtannikov EV, et al. **Gig Sanit** 1984 Sep;(9):20-3 (Eng. Abstr.) (Rus)

[Hazards of drug use in the perinatal period] Marianovich A, et al. **Pediatriia** 1984 Dec;(12):49-52 (Rus)

[Effect of oils heated with aniline on development in the Wistar rat] Alic M, et al. **Arch Farmacol Toxicol** 1985 Apr;11(1):63-8 (Eng. Abstr.) (Spa)

[Drugs and pregnancy] Grudzky C. **Rev Chil Obstet Ginecol** 1981;46(1):25-32 (Spa)

COMPLICATIONS

Prenatal death from acute myocardial infarction and cardiac tamponade due to embolus from the placenta. Wolf PL, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):603-5

Congenital rubella syndrome in Western Australia. Stanley FJ, et al. **Aust Paediatr J** 1985 May;21(2):111-4

Follow-up study of survivors of fetal and early onset neonatal listeriosis. Evans JR, et al. **Clin Invest Med** 1984;7(4):329-34

Congenital hydrocephalus secondary to intra-uterine germinal matrix/intraventricular haemorrhage. Hill A, et al. **Dev Med Child Neurol** 1984 Aug;26(4):524-7

Acute polyhydramnios associated with fetal hepatoblastoma. van de Bor M, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jul;20(1):65-9

Congenital unilateral orbital fibrosis with suspected prenatal orbital penetration. Effron L, et al. **J Pediatr Ophthalmol Strabismus** 1985 Jul-Aug;22(4):133-6

Nonimmunologic fetal hydrops associated with hyperreactio luteinalis. Hatjis CG. **Obstet Gynecol** 1985 Mar;65(3 Suppl):11S-13S

[Posthemorrhagic hydranencephaly in the fetal period with deficiency of factor XIII (fibrin stabilizing factor)] Ohtani K, et al. **No To Hattatsu** 1985 Jan;17(1):59-63 (Eng. Abstr.) (Jpn)

DIAGNOSIS

The clinical significance of increased echogenicity in the fetal abdomen. Lince DM, et al. **AJR** 1985 Oct;145(4):683-6

Magnetic resonance imaging of fetal anomalies in utero: early experience. McCarthy SM, et al. **AJR** 1985 Oct;145(4):677-82

Sonographic detection of fetal ureteral obstruction. Montana MA, et al. **AJR** 1985 Sep;145(3):595-6

Clinical course of fetal hydrocephalus: 40 cases. Pretorius DH, et al. **AJR** 1985 Apr;144(4):827-31

Evaluation of fetal well-being by ultrasonography. Wade RV. **Ala J Med Sci** 1985 Jan;22(1):30-3 (14 ref.)

Nuchal cysts syndromes: etiology, pathogenesis, and prenatal diagnosis. Elejalde BR, et al. **Am J Med Genet** 1985 Jul;21(3):417-32

The Perlman syndrome: familial renal dysplasia with Wilms tumor, fetal gigantism and multiple congenital anomalies. Neri G, et al. **Am J Med Genet** 1984 Sep;19(1):195-207

Cytogenetic diagnosis using midtrimester fetal blood samples: application to suspected mosaicism and other diagnostic problems. Watson MS, et al. **Am J Med Genet** 1984 Dec;19(4):805-13

Sonographic sign for the detection of early fetal ascites in the management of severe isoimmune disease without intrauterine transfusion. Benacerraf BR, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1039-41

Sonographic diagnosis of Down syndrome in the second trimester. Benacerraf BR, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):49-52

The natural history of ventriculomegaly in a fetus without obstructive hydrocephalus. Chervenak FA, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):574-5

The importance of primary diagnosis in perinatal death. Davies BR, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):17-23

Antepartum fetal heart rate testing. XII. The effect of manual manipulation of the fetus on the nonstress test. Druzin ML, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):61-4

Maternal serum alpha-fetoprotein screening of fetal trisomies. Hershey DW, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):224-5

Zinc and alpha-fetoprotein in amniotic fluid from early pregnancies with fetal malformations. Laitinen R, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):561-5

Application of Doppler echocardiography in the assessment of fetal cardiac disease. Maulik D, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):951-7

Prenatal diagnosis and treatment of fetal thyrotoxicosis. Pekonen F, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):893-4

Sound stimulation test and fetal well-being [letter] Querleu D, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):829-30

Antenatal diagnosis of renal anomalies with ultrasound. III. Bilateral renal agenesis. Romero R, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):38-43

Complete heart block in a fetus associated with maternal Sjögren's syndrome. Veille JC, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):660-1

The fetal biophysical profile in patients with premature rupture of the membranes—an early predictor of fetal infection. Vintzileos AM, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):510-6

Fetal pericardial fluid [letter] Yagel S, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):721-2

Prenatal ultrasonic detection of bilateral hydrocele. Hurwitz A, et al. **Am J Perinatol** 1984 Jan;1(2):195

Imaging case of the month. Hypophosphatasia. Yagel S, et al. **Am J Perinatol** 1985 Jul;2(3):261-2

Approach to the foetus with congenital hydronephrosis. Kramer SA, et al. **Ann Acad Med Singapore** 1984 Oct;13(4):565-70

Clinical problems relating to biotin. Nyhan WL. **Ann NY Acad Sci** 1985;447:222-4

Prenatal diagnosis by amniocentesis. Robinson A, et al. **Annu Rev Med** 1985;36:13-26 (37 ref.)

Early prenatal diagnosis of inborn error of metabolism: a case report of a fetus affected with Fabry's disease. Tsutsumi O, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):39-45

The fetus as a patient: some preliminary data from the first year of a fetal medicine and surgery program. Matthews AL, et al. **Birth Defects** 1984;20(6):192-6

Echocardiographic and anatomical correlations in fetal congenital heart disease. Allan LD, et al. **Br Heart J** 1984 Nov;52(5):542-8

Homozygous alpha-thalassemia: clinical presentation, diagnosis and management. A review of 46 cases. Liang ST, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):680-4

Fetoscopy in the assessment of unexplained fetal hydrops. Nicolaides KH, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):671-9

Importance of neurosurgical consultation after ultrasonic diagnosis of fetal hydrocephalus. Murphy S, et al. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1212-3

Fetal atrioventricular valve insufficiency associated with nonimmune hydrops: a two-dimensional echocardiographic and pulsed Doppler ultrasound study. Silverman NH, et al. **Circulation** 1985 Oct;72(4):825-32

Evaluation and treatment of fetal arrhythmias. Allan LD, et al. **Clin Cardiol** 1984 Sep;7(9):467-73

Ultrasound evaluation of a gravid uterus, large for dates. Lockard JW Jr, et al. **Del Med J** 1985 Feb;57(2):91-3

Antepartum fetal surveillance in gestational diabetes mellitus. Landon MB, et al. **Diabetes** 1985 Jun;34 Suppl 2:50-4

Ultrasound imaging during pregnancy. Gold RB. **Fam Plann Perspect** 1984 Sep-Oct;16(5):240-3

Fetal cerebrohepatorenal (Zellweger) syndrome: dysmorphic, radiologic, biochemical, and pathologic findings in four affected fetuses. Powers JM, et al. **Hum Pathol** 1985 Jun;16(6):610-20

The use of ultrasound in obstetrics [editorial] Jackson R. **Ir Med J** 1985 Jun;78(6):149-50

Prenatal diagnosis of cystinosis upon exposure of amniotic cells to cystine dimethyl ester. Steinherz R, et al. **Isr J Med Sci** 1985 Jun;21(6):537-9

Spontaneous regression of fetal ascites in utero in an adolescent. Leppert PC, et al. **J Adolesc Health Care** 1984 Oct;5(4):286-9

Advances in fetal medicine. Michejda M. **J Med Primatol** 1983;12(3):117-23

Prenatal diagnosis and natural history of the fetus with a congenital diaphragmatic hernia: initial clinical experience. Nakayama DK, et al. **J Pediatr Surg** 1985 Apr;20(2):118-24

Management of the fetus with an abdominal wall defect. Nakayama DK, et al. **J Pediatr Surg** 1984 Aug;19(4):408-13

Nonimmunologic hydrops fetalis: a review of 11 cases. Evron S, et al. **J Perinat Med** 1985;13(3):147-51

A monoclonal antibody micromethod for studying fetal lymphocytes: potential for prenatal diagnosis of inherited immunodeficiencies. Holzgreve B, et al. **J Reprod Immunol** 1984 Dec;6(6):341-4

Value of umbilical blood acid-base studies in fetal assessment. Gordon A, et al. **J Reprod Med** 1985 Apr;30(4):329-36

In utero diagnosis and management of fetal tachypnea. A case report. Reece EA, et al. **J Reprod Med** 1985 Mar;30(3):221-4

Transient in utero hydronephrosis. Baker ME, et al. **J Ultrasound Med** 1985 Jan;4(1):51-3

Antenatal diagnosis of hydrometrocolpos by ultrasound examination. Davis GH, et al. **J Ultrasound Med** 1984 Aug;3(8):371-4

The echocardiographic diagnosis of multiple fetal cardiac tumors. Dennis MA, et al. **J Ultrasound Med** 1985 Jun;4(6):327-9

Hemangioma presenting as a cystic mass in the fetal neck. Grundy H, et al. **J Ultrasound Med** 1985 Mar;4(3):147-50

Sonographic detection of fetal hydrometrocolpos. Hill SJ, et al. **J Ultrasound Med** 1985 Jun;4(6):323-5

Minimal fetal renal pyelectasis. Hoddick WK, et al. **J Ultrasound Med** 1985 Feb;4(2):85-9

Prenatal ultrasonographic diagnosis of a sacrococcygeal teratoma in twin pregnancy. Sherowsky RC, et al. **J Ultrasound Med** 1985 Mar;4(3):159-61

The natural history of prenatal hydronephrosis with normal amounts of amniotic fluid. Hellstrom WJ, et al. **J Urol** 1984 Nov;132(5):947-50

Neonatal bladder rupture: case report and review of literature. Trulock TS, et al. **J Urol** 1985 Feb;133(2):271-3

A sonographic study of fetal cystic hygromas. Chervenak FA, et al. **JCU** 1985 Jun;13(5):311-5

Fetal splenomegaly, ultrasound diagnosis of cytomegalovirus infection: a case report. Eliezer S, et al. **JCU** 1984 Oct;12(8):520-1

Doppler blood velocity waveforms in the umbilical artery as an indicator of fetal well-being. Friedman DM, et al. **JCU** 1985 Mar-Apr;13(3):161-5

In utero prenatal diagnosis of fetal facial tumor-hemangioma. Meizner I, et al. **JCU** 1985 Jul-Aug;13(6):435-7

The differential prenatal diagnosis of cystic hygromata and encephalocele by ultrasound examination. Pearce JM, et al. **JCU** 1985 Jun;13(5):317-20

Fetal hydronephrosis and polyhydramnios associated with vesico-ureteral reflux. Philipson EH, et al. **JCU** 1984 Nov-Dec;12(9):585-7

Ultrasound appearance of a glioblastoma in a 33-week fetus in utero. Riboni G, et al. **JCU** 1985 Jun;13(5):345-6

Prenatal diagnosis of fetal arrhythmias: a new echocardiographic technique. Shapiro I, et al. **JCU** 1984 Jul-Aug;12(6):369-72

Neonatal ovarian cyst diagnosed antenatally: report of two patients. Suita S, et al. **JCU** 1984 Oct;12(8):517-9

Prenatal ultrasound diagnosis of fetal teratoma of the neck. Trecet JC, et al. **JCU** 1984 Oct;12(8):509-11

Foetal and maternal survey. Jumshyd FJ. **JPMA** 1985 Jan;35(1):26-7

Can first-trimester fetal diagnosis be reliably evaluated? [editorial] **Lancet** 1985 Mar 30;1(8431):735-6

Prenatal diagnosis of haemophilia A by factor VIII gene analysis. Antonarakis SE, et al. **Lancet** 1985 Jun 22;1(8443):1407-9

Prenatal diagnosis of congenital toxoplasmosis. Desmonts G, et al. **Lancet** 1985 Mar 2;1(8427):500-4

Polymorphic DNA markers in prenatal diagnosis of fragile X syndrome [letter] Oberlé I, et al. **Lancet** 1985 Apr 13;1(8433):871

Correlation between fetal defects and early growth delay observed by ultrasound [letter] Tchobroutsky C, et al. **Lancet** 1985 Mar 23;1(8430):706-7

First trimester prenatal diagnosis of a male fetus with fragile X [letter] Tommerup N, et al. **Lancet** 1985 Apr 13;1(8433):870

Chorionic villus sampling [letter] **Med J Aust** 1985 Sep 2;143(5):217-8

Prenatal diagnosis of congenital heart defects in thoracoabdominally conjoined twins. Sanders SP, et al. **N Engl J Med** 1985 Aug 8;313(6):370-4

Diagnosis of intracranial hemorrhage in utero after a maternal seizure. Minkoff H, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):22S-24S

Prenatal diagnosis and perinatal management of a fetal ovarian cyst. Holzgreve W, et al. **Prenat Diagn** 1985 Mar-Apr;5(2):155-8

Prenatal detection of rubella-specific IgM in fetal sera. Morgan-Capner P, et al. **Prenat Diagn** 1985 Jan-Feb;5(1):21-6

Sonographic diagnosis of thoracic gastroenteric cyst in utero. Newnham JP, et al. **Prenat Diagn** 1984 Nov-Dec;4(6):467-71

Prenatal pleural effusion associated with congenital pulmonary lymphangiectasia. Wilson RH, et al. **Prenat Diagn** 1985 Jan-Feb;5(1):73-6

Failure to detect fetal obstructive uropathy by second trimester ultrasound. Wladimiroff JW, et al. **Prenat Diagn** 1985 Jan-Feb;5(1):41-6

The development of fetal gallstones demonstrated by ultrasound. Heijne L, et al. **Radiography** 1985 May-Jun;51(597):155-6

The fetal face: ultrasound examination. Benacerraf BR, et al. **Radiology** 1984 Nov;153(2):495-7

Large umbilical cord: a normal finding in some fetuses. Casola G, et al. **Radiology** 1985 Jul;156(1):181-2

Hydranencephaly: US appearance during in utero evolution. Greene MF, et al. **Radiology** 1985 Sep;156(3):779-80

Amnionicity and chorionicity in twin pregnancies: prediction using ultrasound. Mahony BS, et al. **Radiology** 1985 Apr;155(1):205-9

Fetal urethral obstruction: US evaluation. Mahony BS, et al. **Radiology** 1985 Oct;157(1):221-4

Ultrasonic demonstration of fetal skeletal dysplasia. Case reports. Muller LM, et al. **S Afr Med J** 1985 Feb 9;67(6):222-6

The antenatal ultrasonographic detection of the Holt-Oram syndrome. Muller LM, et al. **S Afr Med J** 1985 Aug 31;68(5):313-5

Antenatal detection of a fetal ovarian cyst by real-time ultrasound. A case report. O'Hagan DB, et al. **S Afr Med J** 1985 Mar 23;67(12):471-3

Ventriculomegaly: evaluation and management. Clewell WH, et al. **Semin Perinatol** 1985 Jul;9(2):98-102

Fetal urinary tract obstruction: management and selection for treatment. Golbus MS, et al. **Semin Perinatol** 1985 Jul;9(2):91-7

Nonimmune hydrops fetalis: diagnosis and management. Holzgreve W, et al. **Semin Perinatol** 1985 Jul;9(2):52-67 (102 ref.)

In utero diagnosis and treatment of fetal supraventricular tachycardia. Kleinman CS, et al. **Semin Perinatol** 1985 Jul;9(2):113-29

Antenatal diagnosis of Turner's syndrome. Bluth EI, et al. **South Med J** 1984 Oct;77(10):1335-6

Fetal echocardiography—applications and limitations. Kleinman CS, et al. **Ultrasound Med Biol** 1984 Nov-Dec;10(6):747-55

[Clinical significance of detecting prenatal infections in malformed fetuses] Lolan F, et al. **Cesk Pediatr** 1985 May;40(5):277-9 (Eng. Abstr.) (Cze)

[Antenatal diagnosis and treatment with ultrasound] **Ned Tijdschr Geneeskd** 1984 Nov 3;128(44):2073-6 (Dut)

[Perinatal course of fetal supraventricular tachycardia; case report and literature review] Van Oort AM, et al. **Tijdschr Kindergeneeskd** 1984 Jun;52(3):88-96 (Eng. Abstr.) (Dut)

[Selective management of fetal hydrocephalus] Kirkinen P, et al. **Duodecim** 1984;100(22):1515-24 (Eng. Abstr.) (Fin)

[Fetal bradycardia caused by an anomaly of auriculo-ventricular conduction. Apropos of a case with prenatal diagnosis. Review of the literature] Fraisse E, et al. **Rev Fr Gynecol Obstet** 1984 Feb;79(2):137-40 (Eng. Abstr.) (Fre)

[Diagnostic and therapeutic problems in anencephaly] Monnier JC, et al. **Rev Fr Gynecol Obstet** 1984 Nov;79(11):729-37 (Eng. Abstr.) (Fre)

[Sampling of chorionic villi during the first trimester of pregnancy] Rudigoz RC, et al. **Rev Fr Gynecol Obstet** 1985 Jul;80(7):535-8 (Eng. Abstr.) (Fre)

[Hypophosphatasia: complete absence of the fetal skeleton] Hausser C, et al. **Union Med Can** 1984 Nov;113(11):978-9 (Eng. Abstr.) (Fre)

[Early detection of perinatal complications. Physiology and pathophysiology of alpha-1-fetoprotein in pregnancy] Anger H. **Fortschr Med** 1985 Feb 7;103(5):91-3 (Eng. Abstr.) (Ger)

[Fetal arrhythmias. Differential diagnosis, clinical significance and prognosis] Voigt HJ, et al. **Geburtshilfe Frauenheilkd** 1985 Jun;45(6):351-9 (Eng. Abstr.) (Ger)

[Prenatal ultrasonographic diagnosis of a cystic ovarian tumor] Boos R, et al. **Geburtshilfe Frauenheilkd** 1984 Aug;44(8):521-4 (Eng. Abstr.) (Ger)

[Prenatal diagnosis of fetal meconium peritonitis, therapy and clinical course. With a contribution to the differential diagnosis of fetal ascites] Schlensker KH, et al. **Geburtshilfe Frauenheilkd** 1984 Jul;44(7):435-40 (Eng. Abstr.) (Ger)

[Problem of fetal arrhythmias—a case report] Voigt HJ, et al. **Z Geburtshilfe Perinatol** 1985 Jan-Feb;189(1):17-21 (Eng. Abstr.) (Ger)

[Fetal ascites in the ultrasound B image] Domke N, et al. **Zentralbl Gynakol** 1984;106(24):1582-6 (Eng. Abstr.) (Ger)

[Aspiration of chorionic tissue: diagnostic potential in prenatal (fetal) diagnosis] Intódy Z, et al. **Zentralbl Gynakol** 1985;107(11):657-63 (Eng. Abstr.) (Ger)

[Timely diagnosis and successful therapy of a fetal cardiac arrhythmia. Clinical case contribution to prenatal diagnosis] Krenz M, et al. **Zentralbl Gynakol** 1985;107(11):700-4 (Eng. Abstr.) (Ger)

[PQ interval and pre-excitation syndrome in direct fetal electrocardiogram—fetal Lown-Ganong-Levine (LGL) syndrome] Wunderlich M. **Zentralbl Gynakol** 1985;107(11):697-9 (Eng. Abstr.) (Ger)

[Prenatally diagnosed ascites-causing cytomegalovirus infection in a fetus] Szeifert G, et al. **Morphol Igazsagugyi Orv Sz** 1985 Jul;25(3):213-6 (Eng. Abstr.) (Hun)

[Sacrococcygeal teratoma and normal alpha-fetoprotein levels in the amniotic fluid] Szabó M, et al. **Orv Hetil** 1985 Aug 4;126(31):1925-9 (Eng. Abstr.) (Hun)

[Prenatal ultrasonic diagnosis of cystic adenomatoid changes in the fetal lung] Tóth Z, et al. **Orv Hetil** 1985 Jan 6;126(1):29-32 (Eng. Abstr.) (Hun)

[Comparison between the diagnostic value of amnioscopy and the non-stress test in prolonged pregnancy] Belgeri R, et al. **Ann Ostet Ginecol Med Perinat** 1984 Sep-Oct;105(5):319-24 (Eng. Abstr.) (Ita)

[A case of hydronephrosis in a newborn infant: prenatal diagnosis and treatment] Apollo A, et al. **Pediatr Med Chir** 1984 May-Jun;6(3):449-51 (Eng. Abstr.) (Ita)

[Clinical application of two-dimensional echocardiography in fetal cardiac arrhythmias] Hirose O. **J Cardiogr** 1984 Aug;14(2):415-22 (Eng. Abstr.) (Jpn)

[Diagnosis and treatment of fetal hydrocephalus. Problems in evaluation of the hydrocephalic state and selection for intrauterine shunt procedure] Oi S, et al. **Neurol Med Chir (Tokyo)** 1985 Mar;25(3):195-202 (Eng. Abstr.) (Jpn)

[Attitude of patients to prenatal diagnosis based on the example of families with Down's syndrome children] Czarkowski MP, et al. **Ginekol Pol** 1984 Aug;55(8):569-75 (Eng. Abstr.) (Pol)

[Prenatal diagnosis of genetic defects—analysis of 300 cases] Mazurczak T, et al. **Ginekol Pol** 1984 Aug;55(8):561-7 (Eng. Abstr.) (Pol)

[Evaluation of methods of amniotic fluid cell culture for prenatal diagnosis] Sosnowska K. **Ginekol Pol** 1984 Aug;55(8):617-24 (Eng. Abstr.) (Pol)

[Distribution of alpha 1-fetoprotein and acetylcholinesterase activity in amniotic fluid] Wrede A, et al. **Ginekol Pol** 1984 Aug;55(8):553-60 (Eng. Abstr.) (Pol)

[Importance of a statistical probability analysis of amplitude fluctuations in fetal PCG tones for detecting umbilical cord pathology during pregnancy] Logvinenko AV, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):30-2 (Eng. Abstr.) (Rus)

[Prenatal diagnosis of atrioventricular block the fetal heart] Poradovsky K, et al. **Bratisl Lek Listy** 1985 Feb;83(2):105-8 (Eng. Abstr.) (Slo)

[Advances in cardiologic diagnosis. Echocardiography] Quero Jiménez M. **An Esp Pediatr** 1984 Oct 15;21(5):435-6 (Spa)

[Prenatal echographic diagnosis of fetal cystic hygroma. Clinical cases] Avilés G. **Rev Chil Obstet Ginecol** 1982;47(6):427-30 (Eng. Abstr.) (Spa)

[Prenatal diagnosis of congenital cardiopathies: 2 clinical cases] Vaccaro H, et al. **Rev Chil Obstet Ginecol** 1983;48(5):362-5 (Eng. Abstr.) (Spa)

DRUG THERAPY

Inappropriate fetal bradycardia [letter] Goodlin RC. **Am J Obstet Gynecol** 1984 Nov 15;150(6):795-6

Unsuccessful treatment of fetal immunologic thrombocytopenia with dexamethasone. Yin CS, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):316-7

Prenatal treatment of multiple carboxylase deficiency. Roth KS. **Ann NY Acad Sci** 1985;447:263-71

Successful treatment of fetal atrial flutter and congestive heart failure. Hirata K, et al. **Arch Dis Child** 1985 Feb;60(2):158-60

Treatment of intrauterine supraventricular tachycardia with digoxin and verapamil. Lilja H, et al. **J Perinat Med** 1984;12(3):151-4

Pharmacologic cardioversion of intrauterine supraventricular tachycardia. A case report. Golichowski AM, et al. **J Reprod Med** 1985 Feb;30(2):139-44

Prenatal vitamin B12 therapy of a fetus with methylcobalamin deficiency (cobalamin E disease). Rosenblatt DS, et al. **Lancet** 1985 May 18;1(8438):1127-9

Fetal supraventricular tachycardia: in utero therapy with digoxin and quinidine. Spinnato JA, et al. **Obstet Gynecol** 1984 Nov;64(5):730-5

ETIOLOGY

Biopsy of chorionic villi for prenatal diagnosis [letter] Marchese Ca, et al. **Acta Obstet Gynecol Scand** 1984;63(8):737

Moderate drinking during pregnancy and foetal outcome. Barrison IG, et al. **Alcohol Alcohol** 1984;19(2):167-72

Pregnancy, fertility, and inflammatory bowel disease. Korelitz BI. **Am J Gastroenterol** 1985 May;80(5):365-70

Intrauterine atrial fibrillation associated with fetomaternal hemorrhage. Bacevice AE Jr, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):81-2

Idiopathic nonimmune hydrops: a common entity [letter] Buttino L Jr. **Am J Obstet Gynecol** 1985 Jul 1;152(5):606-7

Investigation of nonimmune hydrops fetalis. Holzgreve W, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):805-12

Escherichia coli gas production in a stillborn fetus. Jasnosz KM, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):1001-2

The relationship of fetal plasma protein concentration and hemoglobin level to the development of hydrops in rhesus isoimmunization. Nicolaides KH, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):341-4

Non-immunologic hydrops fetalis [letter] Phillips RR, et al. **Arch Dis Child** 1985 Jan;60(1):84

Factor V deficiency and antenatal intraventricular haemorrhage. Whitelaw A, et al. **Arch Dis Child** 1984 Oct;59(10):997-9

Hydrops fetalis with supraventricular tachycardia and cytomegalovirus infection. Filloux F, et al. **Clin Pediatr (Phila)** 1985 Sep;24(9):534-6

Congenital defects due to reactivation of latent murine cytomegaloviral infection during pregnancy. Baskar JF, et al. **J Infect Dis** 1985 Sep;152(3):621-4

Hydrops fetalis associated with midgut volvulus. Nogami W, et al. **J Pediatr Surg** 1985 Apr;20(2):177-8

Intrauterine parvovirus infection associated with hydrops fetalis [letter] Brown T, et al. **Lancet** 1984 Nov 3;2(8410):1033-4

A simple sensitive prenatal test for hydrops fetalis caused by alpha-thalassaemia. Rubin EM, et al. **Lancet** 1985 Jan 12;1(8420):75-7

Does chorionic villus sampling cause fetomaternal haemorrhage? [letter] Warren RC, et al. **Lancet** 1985 Mar 23;1(8430):691

The health care professional's role in occurrence of cerebral palsy. Goodlin RC. **Nebr Med J** 1985 Jul;70(7):229-30

Intracranial hemorrhage in utero due to isoimmune neonatal thrombocytopenia. Morales WJ, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):20S-21S

Fetal deformation caused by uterine malformation. Crabtree GS, et al. **Pediatr Pathol** 1984;2(3):305-12

Fetal ascites. A report of 6 cases. Shweni PM, et al. **S Afr Med J** 1984 Oct 20;66(16):616-8

Hydrops foetalis in 3 infants of a mother with acquired chronic pure red cell aplasia: transitory red cell aplasia in 1 of the infants. Oie BK, et al. **Scand J Haematol** 1984 Nov;33(5):466-70

[Meconium aspiration syndrome] Suhonen H, et al. **Duodecim** 1984;100(13):785-90 (Fin)

[Cardiomyopathy in children of diabetic mothers. Fetal hyperinsulinism and cardiomyopathy] Morville P, et al. **Ann Pediatr (Paris)** 1985 Apr;32(4):363-8 (Eng. Abstr.) (Fre)

[Evaluation of the clinical and biologic means of assessing fetal prognosis in pregnancy toxemias. Apropos of 223 cases] Valentin B, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(4):499-505 (Eng. Abstr.) (Fre)

[Fever in labor and delivery. Fetal and neonatal risk] Kosmann JC. **Rev Fr Gynecol Obstet** 1984 Jun;79(6):501-2 (Fre)

[Non-immunologic hydrops fetalis and genetic counseling] Domenici R, et al. **Pathologica** 1983;75 Suppl:142-8 (Ita)

[Chickenpox in a pregnant women as a cause of severe morphological anomalies and lack of spontaneous vital functions in a newborn infant] Karkowski MK. **Wiad Lek** 1984 Dec 15;37(24):1969–70 (Eng. Abstr.) **(Pol)**

[Intrauterine infection as a fetal risk factor] Zdziennicki A. **Wiad Lek** 1984 Oct 1;37(19):1533–6 (26 ref.) (Eng. Abstr.) **(Pol)**

[Pathogenesis of intrauterine fetal infection caused by opportunistic microorganisms] Ankirskaia AS, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):14–8 (Eng. Abstr.) **(Rus)**

[Various features of erythron lesions in mother and fetus in late toxemias of pregnancy] Loseva MI, et al. **Gematol Transfuziol** 1984 Sep;29(9):44–8 (Eng. Abstr.) **(Rus)**

[Trauma of the fetal vessels during amniocentesis] Sepúlveda W, et al. **Rev Chil Obstet Ginecol** 1984;49(2):99–103 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Sibs with the fetal akinesia sequence, fetal edema, and malformations: a new syndrome? Toriello HV, et al. **Am J Med Genet** 1985 Jun;21(2):271–7

Cystic hygroma and multiple pterygium syndrome. Fryns JP, et al. **Ann Genet (Paris)** 1984;27(4):252–3

A 16–week–old fetus with severe hydrops. Zorn E. **Hosp Pract [Off]** 1985 Feb 15;20(2):45, 48

B2–microglobulin levels in amniotic fluids of abnormal fetuses. Shalev A, et al. **Isr J Med Sci** 1984 Dec; 20(12):1205–6

METABOLISM

Catecholamine responses in fetal lambs subjected to hemorrhage. Jones CM, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):475–8

Amniotic fluid laminin and type IV collagen in normal and pathological pregnancies. Risteli L, et al. **Clin Chim Acta** 1985 Apr 30;147(3):283–90

Meconium aspiration and fetal acidosis. Mitchell J, et al. **Obstet Gynecol** 1985 Mar;65(3):352–5

[Carbohydrate–protein compounds and ascorbic acid in the amniotic fluid in normal and complicated pregnancy] Tsapok PI. **Akush Ginekol (Mosk)** 1984 Oct;(10):41–3 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Transplacental spread of influenza virus [letter] Amstey MS. **Am J Obstet Gynecol** 1985 Mar 15;151(6):828–9

[Fetal and congenital candidiasis] Gaillard D, et al. **Arch Anat Cytol Pathol** 1985;33(1):26–31 (Eng. Abstr.) **(Fre)**

OCCURRENCE

Clinical sequelae of the extended nonstress test. Devoe LD, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1074–8

Perinatal listeriosis: report of an outbreak. Evans JR, et al. **Pediatr Infect Dis** 1985 May–Jun;4(3):237–41

[Nonimmunologic hydrops fetalis: a review of 30 cases] Okai T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1813–21 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Intracranial extracerebral neuroglial hamartoma. Ball RY, et al. **Acta Neuropathol (Berl)** 1984;65(2):172–6

Malformations and chromosome anomalies in spontaneously aborted fetuses with single umbilical artery. Byrne J, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):340–2

Prenatal diagnosis by fetoscopy and chorion biopsy. Rodeck CH. **Aust NZ J Obstet Gynaecol** 1984 May;24(2):86–90

PiZZ alpha 1–antitrypsin deficiency in a 20–week fetus. Roberts PF. **Hum Pathol** 1985 Feb;16(2):188–90

Pathology of fetal congenital nephrosis: immunohistochemical and ultrastructural studies. Rapola J, et al. **Kidney Int** 1984 Apr;25(4):701–7

Chorionic biopsy [editorial] Anderson JC. **Med J Aust** 1985 Mar 4;142(5):289–90

Prenatal diagnosis. A preliminary study of first–trimester chorionic villous biopsy. Finikiotis G, et al. **Med J Aust** 1985 Mar 4;142(5):299–300

Placental and fetal candidiasis. Presentation of a case of an abortus. Bittencourt AL, et al. **Mycopathologia** 1984 Sep 30;87(3):181–7

Nonimmune hydrops fetalis in association with hemangioma of the umbilical cord. Seifer DB, et al. **Obstet Gynecol** 1985 Aug;66(2):283–6

The fetal adrenal gland: definitive cortex cystic change, lipid patterns, and their relationship to fetal disease and maturity. Delprado WJ, et al. **Pathology** 1984 Jul;16(3):312–7

Vaccinial osteomyelitis in a case of generalized intrauterine virus infection Vorst EJ, et al. **Pediatr Pathol** 1983 Apr–Jun;1(2):221–8

Prenatal diagnosis of cystic fibrosis. II. Meconium ileus in affected fetuses. Muller F, et al. **Prenat Diagn** 1985 Mar–Apr;5(2):109–17

[Indicators for the pathologic–anatomical study of placenta and fetal membranes] Herva R. **Duodecim** 1985; 101(4):415–9 **(Fin)**

[The value of current echographic parameters in fetal biometry] Sussmann M, et al. **Rev Fr Gynecol Obstet** 1985 May;80(6):415–22 (Eng. Abstr.) **(Fre)**

[Congenital cystic adenomatoid malformation of the lung of mixed histological type] Mórocz I, et al. **Morphol Igazsagugyi Orv Sz** 1984 Jul;24(3):211–7 (Eng. Abstr.) **(Hun)**

[Aplasia cutis congenita and foetus papyraceus] Csécsei K, et al. **Orv Hetil** 1985 Mar 31;126(13):777–80 (Eng. Abstr.) **(Hun)**

[Changes in the structure of cerebral ventricular walls in children as a result of damage to immature white matter] Dambska M, et al. **Neuropatol Pol** 1984;22(4):491–7 (Eng. Abstr.) **(Pol)**

[Pathological anatomy of hemorrhages into the cerebellum of fetuses and newborn infants] Vlasiuk VV. **Arkh Patol** 1984;46(10):58–64 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Effects of hypoxemic events on breathing, body movements, and heart rate variation: a study in growth–retarded human fetuses. Bekedam DJ, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):52–6

Renal responses to hypoxemia during renin–angiotensin system inhibition in fetal lambs. Nakamura KT, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R116–24

Fetal blood flow measurements during fetal cardiac arrhythmia. Tonge HM, et al. **Early Hum Dev** 1984 Sep; 10(1–2):23–34

Fetal urinary tract obstruction: experimental pathophysiology. Adzick NS, et al. **Semin Perinatol** 1985 Jul;9(2):79–90 (54 ref.)

[Paroxysmal junctional reciprocal tachycardia and fetoplacental anasarca] Maurier F, et al. **Arch Mal Coeur** 1985 Feb;78(2):275–8 (Eng. Abstr.) **(Fre)**

[Fetal torsades de pointe and the long QT syndrome] Morville P, et al. **Arch Mal Coeur** 1985 May;78(5):781–4 (Eng. Abstr.) **(Fre)**

PREVENTION & CONTROL

Evidence for decreasing prevalence of diabetes mellitus in childhood apparently produced by prevention of hyperinsulinism in the foetus and newborn. Dörner G, et al. **Exp Clin Endocrinol** 1984 Oct;84(2):134–42

Fetal hyperthyroidism: experience of treatment in four siblings. Cove DH, et al. **Lancet** 1985 Feb 23;1(8426):430–2

Vitamins and neural tube defects [letter] Simpson D, et al. **Med J Aust** 1985 Jun 24;142(13):706

Maternal and fetal well–being. Shy KK, et al. **West J Med** 1984 Dec;141(5):807–15 (122 ref.)

[Improvement in feto–neonatal prognosis in twin pregnancies. Comparison of 2 series of 158 pregnancies before and after establishing a therapeutic protocol] Michiels Y, et al. **Rev Fr Gynecol Obstet** 1985 Feb; 80(2):99–102 (Eng. Abstr.) **(Fre)**

[Diabetes and pregnancy] Foidart JM. **Rev Med Liege** 1985 Feb 15;40(4):117–30 **(Fre)**

[Proposal of a software program as a model of fetal medicine of the preventive type] Malanetto C, et al. **Minerva Ginecol** 1985 Apr;37(4):157–70 (Eng. Abstr.) **(Ita)**

[Management of intracranial hemorrhage of the fetus and newborn] Arai M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Mar;37(3):435–9 **(Jpn)**

[Visit of a pediatrician to France: problems of children handicapped since birth] Stolyhwo–Suchanek A. **Pol Tyg Lek** 1985 Mar 4;40(9):279–82 **(Pol)**

[Use of lactic–acid bacteria in the prevention and treatment of suppurative–inflammatory diseases in pregnant women and puerperae] Saiadian OB, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):33–5 (Eng. Abstr.) **(Rus)**

[Problems in antenatal neurology] Badalian LO. **Zh Nevropatol Psikhiatr** 1984;84(10):1441–6 (Eng. Abstr.) **(Rus)**

SURGERY

Modification of fetal intraventricular amniotic shunt. Platt LD, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1044–5

Fetal neurosurgery––a new challenge on the horizon. Bannister CM. **Dev Med Child Neurol** 1984 Dec; 26(6):827–30

Fetal surgery for congenital hydronephrosis. Inturrisi M, et al. **J Obstet Gynecol Neonatal Nurs** 1985 Jul–Aug; 14(4):271–6

Correction of congenital hydrocephalus in utero II: Efficacy of in utero shunting. Glick PL, et al. **J Pediatr Surg** 1984 Dec;19(6):870–81

Correction of congenital hydronephrosis in utero IV: in utero decompression prevents renal dysplasia. Glick PL, et al. **J Pediatr Surg** 1984 Dec;19(6):649–57

Intrauterine fetal surgery: a nursing challenge. Reedy NJ, et al. **JOGN Nurs** 1984 Sep–Oct;13(5):291–5

Fetal diaphragmatic hernia: fetal but fixable. Harrison MR, et al. **Semin Perinatol** 1985 Jul;9(2):103–12

Fetal hydrocephalus: a case of ventricular–amniotic shunting. Reynolds JE, et al. **South Med J** 1985 Feb;78(2):203–4

Intrauterine treatment of spina bifida: primate model. Michejda M. **Z Kinderchir** 1984 Aug;39(4):259–61

[In utero surgical therapy of curable abnormalities] Dodat H, et al. **Pediatrie** 1985 Apr–May;40(3):237–45 (33 ref.) **(Fre)**

THERAPY

Correction of fetal supraventricular tachycardia by compression of the umbilical cord: report of a case. Martin CB Jr, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):324–6

The management of severe rhesus isoimmunization by fetoscopic intravascular transfusions. Rodeck CH, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):769–74

Nonimmune hydrops fetalis managed with peritoneal dialysis. Caldwell CC, et al. **Am J Perinatol** 1985 Jul;2(3):211–3

Successful treatment of fetal bladder obstruction in utero. Case report. Kujansuu E, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):292–4

Successful prenatal treatment of non–immune hydrops fetalis due to congenital chylothorax. Case report. Schmidt W, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):685–7

Nonimmune hydrops fetalis––a rational attitude of management. Hirsch M, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Mar;19(3):191–6

Intrauterine treatment: meeting the psychosocial needs of the family. Furlong RM, et al. **Health Soc Work** 1985 Winter; 10(1):55–62

In–utero platelet transfusion in alloimmune thrombocytopenia [letter] Naiman JL. **Lancet** 1984 Nov 10;2(8411):1103–4

Hydrops from reciprocating atrioventricular tachycardia in a 27–week fetus requiring quinidine for conversion. Guntheroth WG, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):29S–33S

Intrauterine transfusion in an Rh–immunized twin pregnancy: a case report of successful outcome and a review of the literature. Manning FA, et al. **Obstet Gynecol** 1985 Mar; 65(3 Suppl):2S–6S

Recent advances in prenatal diagnosis and treatment. Adzick NS, et al. **Pediatr Clin North Am** 1985 Oct;32(5):1103–16 (41 ref.)

Ethical considerations in and beyond experimental fetal therapy. Fletcher JC. **Semin Perinatol** 1985 Jul;9(2):130–5

Legal issues in fetal therapy. Robertson JA. **Semin Perinatol** 1985 Jul;9(2):136–42

Prenatal treatment of biochemical disorders. Schulman JD. **Semin Perinatol** 1985 Jul;9(2):75–8

In utero fetal hematopoietic stem cell transplantation. Simpson TJ, et al. **Semin Perinatol** 1985 Jul;9(2):68–74

Direct fetal therapy: the multidisciplinary team concept. Reynolds JE, et al. **South Med J** 1985 Jun;78(6):661–4

[Fetal therapy. Ethical problems as a result of prenatal diagnosis] Piechowiak H. **Geburtshilfe Frauenheilkd** 1985 Feb;45(2):67–72 (Eng. Abstr.) **(Ger)**

[Fetal therapy] Queenan JT. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Sep;36(9):1351 **(Jpn)**

[Intrauterine treatment of nonimmunologic hydrops fetalis associated with pleural effusion] Shimokawa H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):66–72 (Eng. Abstr.) **(Jpn)**

TRANSMISSION

[Natural history of congenital toxoplasmosis] Desmonts G, et al. **Ann Pediatr (Paris)** 1984 Nov;31(10):799–802 (Eng. Abstr.) **(Fre)**

VETERINARY

Experimental infection of fetal and newborn Suffolk sheep with scrapie virus. Hadlow WJ, et al. **Am J Vet Res** 1984 Dec;45(12):2637–9

Prevalence of Trypanosoma theileri in cows and fetuses at slaughter. Hussain K, et al. **Am J Vet Res** 1985 Jun; 46(6):1256–8

In utero infection of swine fetuses with infectious bovine rhinotracheitis virus (bovine herpesvirus–1). Joo HS, et al. **Am J Vet Res** 1984 Oct;45(10):1924–7

Bovine anaplasmosis: transplacental transmission as it relates to stage of gestation. Zaugg JL. **Am J Vet Res** 1985 Mar; 46(3):570–2

Experimental studies on vertical infection of mice with Japanese encephalitis virus. IV. Effect of virus strain on placental and fetal infection. Fujisaki Y, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Spring;23(1):21–6

Transmission of a malignant catarrhal fever–like syndrome to sheep: preliminary experiments. Buxton D, et al. **Res Vet Sci** 1985 Jan;38(1):22–9

[Intrauterine infection of calves with cysticercosis and the role of this factor in the epidemiology of taeniarhynchosis] Nadzhafov IG, et al. **Med Parazitol (Mosk)** 1985 Jan–Feb; (1):74–7 (Eng. Abstr.) **(Rus)**

FETAL DISTRESS

BLOOD

Serum cortisol levels in maternal venous, umbilical arterial and umbilical venous blood at delivery in the cases of fetal distress. Kohno H, et al. **Tohoku J Exp Med** 1984 Nov; 144(3):299–304

COMPLICATIONS

Identification of nuchal cords during nonstress testing. Simmons JN, et al. **J Reprod Med** 1985 Feb;30(2):97–100

DIAGNOSIS

Significance of fetal deceleration during antepartum heart rate testing [letter] Mazor M, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):146-7

Foetal bradycardia diagnosis display using intrinsic dimensions. Hernández C, et al. **Australas Phys Eng Sci Med** 1984 Jul-Sep;7(3):108-11

Reliability of cardiotocography in predicting baby's condition at birth. Curzen P, et al. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1345-7

Significance of meconium during labour and its correlation with umbilical cord blood studies. Ramachandra K, et al. **Indian J Pediatr** 1984 Mar-Apr;51(409):149-53

Antibody to cardiolipin as a predictor of fetal distress or death in pregnant patients with systemic lupus erythematosus. Lockshin MD, et al. **N Engl J Med** 1985 Jul 18;313(3):152-6

Fetal tachycardia as an indicator of maternal and neonatal morbidity. Hager WD, et al. **Obstet Gynecol** 1985 Aug; 66(2):191-4

Prospective randomized study of x-ray pelvimetry in the primigravida. Parsons MT, et al. **Obstet Gynecol** 1985 Jul; 66(1):76-9

Management of severe distress in a potentially anomalous preterm fetus. Chestnut DH, et al. **South Med J** 1985 Jul; 78(7):867-9

[Diagnostic evaluation of fetal distress during pregnancy by a sound stimulation test] Querleu D, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(7):789-96 (Eng. Abstr.) **(Fre)**

[Lowering the cesarean section rate by exclusion of cardiotocographically suspected acidosis using fetal blood gas analysis] Köppel R, et al. **Geburtshilfe Frauenheilkd** 1984 Sep;44(9):573-5 (Eng. Abstr.) **(Ger)**

[Cardiotocography with or without fetal blood analysis] Saling E. **Geburtshilfe Frauenheilkd** 1985 Mar;45(3):190-3 (Eng. Abstr.) **(Ger)**

[Medical liability in the delayed use of cesarean section] Schlund GH. **Geburtshilfe Frauenheilkd** 1984 Sep; 44(9):591-2 **(Ger)**

[Interpretation of the fetal heart rate in pregnancy and labor] Künzel W, et al. **Gynakologe** 1984 Dec;17(4):255-64 **(Ger)**

[Cardiotocography practice 6] Bellée H. **Zentralbl Gynakol** 1984;106(10):700-1 **(Ger)**

[Current possibilities of diagnosis of twisting of the umbilical cord around the fetus' body] Grishchenko VI, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):75-9 **(Rus)**

[Is meconium admixture in the amniotic fluid a sign of fetal distress?] Mukhamadieva SM, et al. **Akush Ginekol (Mosk)** 1984 Dec;(12):6-8 (41 ref.) **(Rus)**

[Value of ultrasonics in the diagnosis of twisting of the umbilical cord around the fetus' neck] Tkhoa NI, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):33-5 (Eng. Abstr.) **(Rus)**

[Evaluation of cord compression in normal-risk pregnancies using ultrasonography and cardiotocography] Guzmán Sánchez A, et al. **Ginecol Obstet Mex** 1984 Mar; 52(323):77-9 (Eng. Abstr.) **(Spa)**

[The non-stress test. A test without stimulus for determining fetal well-being] Vazquez Zárate VM, et al. **Ginecol Obstet Mex** 1983 Aug;51(316):213-6 (Eng. Abstr.) **(Spa)**

[Intrahepatic cholestasis of pregnancy, serum bile acids, and electronic monitoring of the fetus] Lisoni M, et al. **Rev Chil Obstet Ginecol** 1983;48(5):366-71 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Use of tocolytic drugs to reverse oxytocin-induced uterine hypertonus and fetal distress. Lipshitz J, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):16S-18S

ETIOLOGY

Fetal resuscitation with terbutaline during eclampsia-induced uterine hypertonus. Barrett JM. **Am J Obstet Gynecol** 1984 Dec 1;150(7):895

Fetal distress secondary to vancomycin-induced maternal hypotension. Hill LM. **Am J Obstet Gynecol** 1985 Sep 1; 153(1):74-5

Prolonged pregnancy. I. Observations concerning the causes of fetal distress. Leveno KJ, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):465-73

Fetal loss from umbilical cord abnormalities—a difficult case for prevention. Ghosh A, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Nov;18(4):183-91

PHYSIOPATHOLOGY

Trends in continuous metabolic monitoring during experimental fetal distress. Abitbol MM, et al. **Am J Perinatol** 1984 Jul;1(4):293-7

THERAPY

Treatment of fetal distress with a transfusion in the severely anemic patient with sickle-cell disease. A case report. Stark CF, et al. **J Reprod Med** 1985 Mar;30(3):200-2

FETAL GLOBULINS see FETAL PROTEINS

FETAL GROWTH RETARDATION

see related

INFANT, SMALL FOR GESTATIONAL AGE

Low birth weight, intrauterine growth retardation, and preterm delivery. Goldenberg RL, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):980-4

Impaired fetal growth: ultrasonic evaluation and clinical management. Seeds JW. **Obstet Gynecol** 1984 Oct; 64(4):577-84 (51 ref.)

Low birth weight babies. The small for gestational age. A review of current management. Varma TR. **Obstet Gynecol Surv** 1984 Oct;39(10):616-24 (97 ref.)

BLOOD

Serum growth-promoting activity in human newborns. Relationship of thymidine activity with birth weight and the length of gestation. Bozzola M, et al. **Acta Paediatr Scand** 1985 Jul;74(4):534-8

Zinc and copper nutrition in human pregnancy: a longitudinal study in normal primigravidae and in primigravidae at risk of delivering a growth retarded baby. Tuttle S, et al. **Am J Clin Nutr** 1985 May;41(5):1032-41

Placental protein measurements in complicated pregnancies. I. Intrauterine growth retardation. Westergaard JG, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1216-23

Maternal zinc and intrauterine growth retardation. Simmer K, et al. **Clin Sci** 1985 Apr;68(4):395-9

Maternal serum copper and zinc concentrations in normal and small-for-date pregnancies. Kiilholma P, et al. **Gynecol Obstet Invest** 1984;18(4):212-6

Maternal and cord serum C3 level. Tandon R, et al. **Indian Pediatr** 1984 May;21(5):407-13

Studies on the growth of the fetal guinea pig. Changes in plasma hormone concentration during normal and abnormal growth. Jones CT, et al. **J Dev Physiol** 1984 Dec; 6(6):461-72

HPL as indicator of intrauterine malnutrition [letter] Kyank HR. **J Perinat Med** 1985;13(2):100-1

Reduced plasma somatomedin activity and costal cartilage sulfate incorporation activity during experimental growth retardation in the fetal rat. De Prins FA, et al. **Pediatr Res** 1984 Nov;18(11):1100-4

[Concentration of magnesium and calcium electrolytes in the last trimester of normal pregnancy and in fetal hypotrophy] Ruseva R, et al. **Akush Ginekol (Sofiia)** 1985;24(1):11-5 (Eng. Abstr.) **(Bul)**

[Hemostaseologic studies of maternal blood in intrauterine retardation and threatened premature labor] Voigt T, et al. **Zentralbl Gynakol** 1985;107(6):370-80 (Eng. Abstr.) **(Ger)**

[Radioimmunological assay of alpha-fetoprotein in maternal serum and intrauterine fetal growth retardation] Conte N, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1453-6 (Eng. Abstr.) **(Ita)**

[Serum bilirubin levels in hypotrophic premature infants during the first few days of life] Iwaszko-Krawczuk W, et al. **Pediatr Pol** 1984 Jun;59(6):437-42 (Eng. Abstr.) **(Pol)**

CHEMICALLY INDUCED

Abnormalities in offspring associated with prenatal marihuana exposure. Qazi QH, et al. **Dev Pharmacol Ther** 1985;8(2):141-8

Captopril administration in pregnancy impairs fetal angiotensin converting enzyme activity and neonatal adaptation [letter] Boutroy MJ, et al. **Lancet** 1984 Oct 20; 2(8408):935-6

Retardation of fetal growth in patients receiving immunosuppressive therapy [letter] Pirson Y, et al. **N Engl J Med** 1985 Aug 1;313(5):328

Maternal caffeine use before, during and after pregnancy and effects upon offspring. Watkinson B, et al. **Neurobehav Toxicol Teratol** 1985 Jan-Feb;7(1):9-17

Fetal hydantoin syndrome: inhibition of placental folic acid transport as a potential mechanism for fetal growth retardation in the rat. Will M, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr;48(1):91-8

Adverse effect of a sucrose-based semipurified diet on development and postnatal growth of Fischer rats. Halperin-Walega ES, et al. **Toxicol Appl Pharmacol** 1985 Sep 15;80(2):284-92

[Embryotoxic effect of diuron in animal experiments] Talakin IuN, et al. **Gig Sanit** 1984 Aug;(8):83-5 **(Rus)**

COMPLICATIONS

Maternal furosemide may not provoke urine production in the compromised fetus. Harman CR. **Am J Obstet Gynecol** 1984 Oct 1;150(3):322-3

Aplastic anaemia in Dubowitz syndrome. Walters TR, et al. **J Pediatr** 1985 Apr;106(4):622-3

Hypoglycemia in the newborn growth-retarded rat: delayed phosphoenolpyruvate carboxykinase induction despite increased glucagon availability. Bussey ME, et al. **Pediatr Res** 1985 Apr;19(4):363-7

DIAGNOSIS

Predictive value of antepartum fetal heart rate non-stress test in high-risk pregnancy. Lenstrup C, et al. **Acta Obstet Gynecol Scand** 1985;64(2):133-8

Umbilical artery waveform? [letter] Spinnato JA. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):915-6

The value of biparietal diameter and abdominal perimeter in the diagnosis of growth retardation in twin gestation. Barnea ER, et al. **Am J Perinatol** 1985 Jul;2(3):221-2

Use of sonographic estimated fetal weight in the prediction of intrauterine growth retardation. Chervenak FA, et al. **Am J Perinatol** 1984 Jul;1(4):298-301

Twin pregnancy: routine use of ultrasound examinations in the prenatal diagnosis of intrauterine growth retardation and discordant growth. Chitkara U, et al. **Am J Perinatol** 1985 Jan;2(1):49-54

The predictive value of three pregnancy-associated proteins in the detection of the light-for-dates baby. Pledger DR, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):870-4

Screening for small for dates fetuses [letter] **Br Med J [Clin Res]** 1985 Jan 5;290(6461):77

Screening for small for dates fetuses [letter] Kennedy I. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):237-8

Screening for small for dates fetuses: a controlled trial. Neilson JP, et al. **Br Med J [Clin Res]** 1984 Nov 3; 289(6453):1179-82

Ultrasonic screening for small for dates fetuses [letter] Whitfield CR, et al. **Br Med J [Clin Res]** 1984 Dec 8; 289(6458):1618

Diagnosis of intrauterine growth retardation using ultrasound. Geirsson RT, et al. **Clin Obstet Gynaecol** 1984 Aug;11(2):457-80

Diagnosis of growth retardation by biochemical methods. Klopper A. **Clin Obstet Gynaecol** 1984 Aug;11(2):437-55

Prenatal factors affecting intrauterine growth retardation. Miller HC. **Clin Perinatol** 1985 Jun;12(2):307-18

Screening for intrauterine growth retardation in late pregnancy. Cnattingius S, et al. **Early Hum Dev** 1985 Jan; 10(3-4):225-35

Which is the best placental function test? A comparison of placental lactogen and unconjugated oestriol in the prediction of intrauterine growth retardation. Chard T, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jan;19(1):13-7

Doppler assessment of the fetoplacental circulation in normal and growth-retarded fetuses. Reuwer PJ, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Nov;18(4):199-205

Ultrasonic screening for intrauterine growth retardation. Kumari CK, et al. **Indian Pediatr** 1984 Dec;21(12):955-62

Seckel syndrome: an overdiagnosed syndrome. Thompson E, et al. **J Med Genet** 1985 Jun;22(3):192-201

Is fetal femur length a better indicator of gestational age in the growth-retarded fetus as compared with biparietal diameter? Woo JS, et al. **J Ultrasound Med** 1985 Mar; 4(3):139-42

Early assessment of gestation in diabetics [letter] Steel JM, et al. **Lancet** 1984 Oct 27;2(8409):975-6

Growth discordancy in twin pregnancies: a risk factor not detected by measurements of biparietal diameter. Erkkola R, et al. **Obstet Gynecol** 1985 Aug;66(2):203-6

Fetal femur length, neonatal crown-heel length, and screening for intrauterine growth retardation. Ott WJ. **Obstet Gynecol** 1985 Apr;65(4):460-4

Intrauterine growth in twin pregnancies: prediction of fetal growth retardation. Secher NJ, et al. **Obstet Gynecol** 1985 Jul;66(1):63-8

Intrauterine growth retardation: evaluation by magnetic resonance. Work in progress. Stark DD, et al. **Radiology** 1985 May;155(2):425-7

How many ultrasound examinations? [letter] Kennedy I. **S Afr Med J** 1985 Feb 16;67(7):238

[The placenta. Ultrasonic and hormonal changes in fetal growth retardation] Ruseva R, et al. **Akush Ginekol (Sofiia)** 1985;24(1):16-9 (Eng. Abstr.) **(Bul)**

[Pregnancy-specific beta 1-glycoprotein, HCG alpha subunit, alpha fetoproteins and HPL in fetal hypotrophy] Ruseva R, et al. **Akush Ginekol (Sofiia)** 1984;23(4):315-20 (Eng. Abstr.) **(Bul)**

[Clinical standards of intrauterine fetal growth—measurement of the uterine height, girth and weight of the pregnant woman] Liu ZF. **Chung Hua I Hsueh Tsa Chih** 1984 Oct;64(10):628-32 **(Chi)**

[Idiopathic intrauterine growth retardation] Thoulon JM. **Rev Fr Gynecol Obstet** 1984 Apr;79(4):263-7 (Eng. Abstr.) **(Fre)**

[Detection of intrauterine growth retardation within the scope of routine prenatal care] Bitzer J, et al. **Geburtshilfe Frauenheilkd** 1985 Feb;45(2):79-82 (Eng. Abstr.) **(Ger)**

[Definition of intrauterine growth retardation] Usandizaga M, et al. **Geburtshilfe Frauenheilkd** 1984 Oct;44(10):656-8 (Eng. Abstr.) **(Ger)**

[Follow-up study of former prenatally dystrophic newborn infants now 6 to 12 years old] Schauseil-Zipf U, et al. **Monatsschr Kinderheilkd** 1985 Feb;133(2):93-8 (Eng. Abstr.) **(Ger)**

[Height and weight of 70 prenatally dystrophic children of ages 5 to 11] von Petrykowski W, et al. **Monatsschr Kinderheilkd** 1985 Apr;133(4):231-4 (Eng. Abstr.) **(Ger)**

[Intrauterine retardation in cyanotic heart defect in pregnancy] Bellée H. **Zentralbl Gynakol** 1985;107(9):577-9 (Eng. Abstr.) **(Ger)**

[Placental perfusion, endocrine parameters of pregnancy and cardiotocographic non-stress tests in cases of intrauterine retardation] Doszpod J, et al. **Zentralbl Gynakol** 1984; 106(21):1413-8 (Eng. Abstr.) (Ger)

[Value of ultrasonic scanning for evaluation of the development and hypotrophy of the fetus] Krasin BA, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):29-32 (Eng. Abstr.) (Rus)

[A combination of 3 fetal parameters in the diagnosis of intrauterine growth retardation] Vaccaro H, et al. **Rev Chil Obstet Ginecol** 1983;48(4):263-9 (Eng. Abstr.) (Spa)

[Intrauterine growth in a selected group of Chilean newborn infants. Subdiagnosis of intrauterine growth retardation in Chile?] Juez G, et al. **Rev Med Chil** 1984 Aug;112(8):759-64 (Eng. Abstr.) (Spa)

DRUG THERAPY

Growth enhancement by dopaminergic therapy in children with intrauterine growth retardation. Huseman CA. **J Clin Endocrinol Metab** 1985 Sep;61(3):514-9

Magnesium therapy decreased the rate of intrauterine fetal retardation, premature rupture of membranes and premature delivery in risk pregnancies treated with betamimetics. Conradt A, et al. **Magnesium** 1985;4(1):20-8

[Therapy of intrauterine malnutrition] Sabata V. **Gynakologe** 1984 Dec;17(4):236-42 (Ger)

EMBRYOLOGY

[Epiphyseal points of the fetal knee. The impact of growth disorders on bone maturation] Fernandez H, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(4):467-72 (Eng. Abstr.) (Fre)

ENZYMOLOGY

Amniotic fluid alkaline ribonuclease activity: an indicator of foetal growth retardation and anencephaly. Buamah PK, et al. **Clin Chim Acta** 1984 Nov 15;143(2):157-62

Altered growth, hypoglycemia, hypoalaninemia, and ketonemia in the young rat: postnatal consequences of intrauterine growth retardation. Ogata ES, et al. **Pediatr Res** 1985 Jan;19(1):32-7

[Enzymatic activity of carbohydrate metabolism in the placenta in neonatal hypotrophy] Doszpod E, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):56-7 (Rus)

ETIOLOGY

Mechanism of foetal growth retardation caused by smoking during pregnancy. Mochizuki M, et al. **Acta Physiol Hung** 1985;65(3):295-304

Neurofibromatosis: cause or coincidence of pregnancy complications? [letter] Davies BR. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):914-5

Placentas of small-for-dates infants from Mexico City, Mexico [letter] Labarrere C. **Am J Obstet Gynecol** 1985 Sep 15;153(2):235-6

Intrauterine growth retardation induced by thiamine deficiency and pyrithiamine during pregnancy in the rat. Roecklein B, et al. **Am J Obstet Gynecol** 1985 Feb 15; 151(4):455-60

Developmental and nutritional determinants of pregnancy outcome among teenagers. Frisancho AR, et al. **Am J Phys Anthropol** 1985 Mar;66(3):247-61

Epidemiology and aetiology of the growth retarded baby. Keirse MJ. **Clin Obstet Gynaecol** 1984 Aug;11(2):415-36

The possibility of an early growth delay in White's class A diabetic pregnancy. Pedersen JF, et al. **Diabetes** 1985 Jun; 34 Suppl 2:47-9

Foetal malnutrition and maternal factors—a correlative study. Dastidar DK, et al. **J Indian Med Assoc** 1984 Sep; 82(9):318-20

Ethanol and fetal nutrition: effect of chronic ethanol exposure on rat placental growth and membrane-associated folic acid receptor binding activity. Fisher SE, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):645-9

Maternal Addison's disease and fetal growth retardation. A case report. O'Shaughnessy RW, et al. **J Reprod Med** 1984 Oct;29(10):752-6

The fetal tobacco syndrome. Nieburg P, et al. **JAMA** 1985 May 24-31;253(20):2998-9

Does dehydration contribute to retarded fetal growth in rats exposed to alcohol during gestation? Leichter J, et al. **Life Sci** 1984 Nov 19;35(21):2105-11

Altered developmental sequences in diabetic embryopathy [letter] Wilson GN. **N Engl J Med** 1985 Jun 6; 312(23):1519-20

Intrauterine growth retardation. Lin CC. **Obstet Gynecol Annu** 1985;14:127-221 (608 ref.)

Placenta praevia and intra-uterine growth retardation. Dommisse J. **S Afr Med J** 1985 Feb 23;67(8):291-2

Embryotoxic and teratogenic effect of high intensity, low frequency ultrasonic vibration on chicken embryos. Shpuntoff H, et al. **Ultrasound Med Biol** 1984 Nov-Dec; 10(6):697-700

[Etiologic factors of fetal hypotrophy. Apropos of 600 cases] Dumont M, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(4):439-48 (Eng. Abstr.) (Fre)

[Multivariate analysis of the clinical care of underweight patients] Schulz S, et al. **Geburtshilfe Frauenheilkd** 1984 Oct; 44(10):680-4 (Eng. Abstr.) (Ger)

[Significance and incidence of risk factors in pre- and dysmaturity] Huber JC, et al. **Z Geburtshilfe Perinatol** 1984 Nov-Dec;188(6):256-60 (Eng. Abstr.) (Ger)

[A case of intrauterine fetal retardation with polycythemia in a patient with a pacemaker] Plesse R, et al. **Zentralbl Gynakol** 1984;106(23):1547-50 (Eng. Abstr.) (Ger)

[Fetal hypotrophy in multiparous women] Omarov SM, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):23-6 (Eng. Abstr.) (Rus)

FAMILIAL & GENETIC

Mental retardation, unusual face, and intrauterine growth retardation: a new recessive syndrome? Pitt DB, et al. **Am J Med Genet** 1984 Oct;19(2):307-13

Guadalajara camptodactyly syndrome type II. Cantú JM, et al. **Clin Genet** 1985 Jul;28(1):54-60

IMMUNOLOGY

Intrauterine growth retardation of unknown etiology. I. Serum complement and circulating immune complexes in mothers and infants. Labarrere C, et al. **Am J Reprod Immunol Microbiol** 1985 Jul;8(3):87-93

Neonatal infections: I—Maternal and cord serum IgG levels in relation to gestation and intrauterine growth. Tandon R, et al. **Indian J Pediatr** 1984 Sep-Oct;51(412):521-7

Immunoglobulin concentrations in newborn infants associated with intrauterine growth retardation [letter] Cedarqvist LL. **Obstet Gynecol** 1984 Oct;64(4):596-7

[Immunoglobulin concentration in the maternal serum in fetal growth retardation] Ruseva R, et al. **Akush Ginekol (Sofiia)** 1984;23(6):493-8 (Eng. Abstr.) (Bul)

[NBT reduction test in newborn infants with intrauterine dystrophy syndrome and infections] Godula-Stuglik U. **Pediatr Pol** 1984 May;59(5):381-6 (Eng. Abstr.) (Pol)

METABOLISM

Lipolytic activity in the placentas of chronically deprived fetuses. Biale Y. **Acta Obstet Gynecol Scand** 1985; 64(2):111-4

Reprogramming of metabolic development by restriction of fetal growth. Jones CT. **Biochem Soc Trans** 1985 Feb; 13(1):89-91

Increased amniotic vasopressin levels in experimentally growth-retarded rat fetuses. Oosterbaan HP, et al. **J Dev Physiol** 1985 Apr;7(2):89-97

Effect of maternal oxygen inhalation on the fetus with growth retardation. Vileisis RA. **Pediatr Res** 1985 Mar; 19(3):324-7

[Ammonia metabolism of liver of the fetus induced experimental IUGR in rats—in respect of the enzymes in pyrimidin biosynthesis and urea cycle system] Nagasaki T. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):24-30 (Eng. Abstr.) (Jpn)

[Serotonin concentration in the rat fetal brain in experimental intrauterine dystrophy] Chrzanowska B, et al. **Probl Med Wieku Rozwoj** 1984;13:193-7 (Eng. Abstr.) (Pol)

OCCURRENCE

Screening for detection of intra-uterine growth retardation by means of ultrasound. Selbing A, et al. **Acta Obstet Gynecol Scand** 1984;63(6):543-8

Ultrasound evaluation of amniotic fluid volume. I. The relationship of marginal and decreased amniotic fluid volumes to perinatal outcome. Chamberlain PF, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):245-9

Factors influencing birthweight for gestational age, with special respect to risk factors for intrauterine growth retardation. Cnattingius S, et al. **Early Hum Dev** 1984 Sep; 10(1-2):45-55

Early pregnancy screening for intrauterine growth retardation. Cnattingius S, et al. **Early Hum Dev** 1984 Sep; 10(1-2):35-44

Birth weights of fetuses exposed to diagnostic ultrasound. Smith CB. **J Ultrasound Med** 1984 Sep;3(9):395-6

PATHOLOGY

Immunohistochemical findings in acute atherosis associated with intrauterine growth retardation. Labarrere C, et al. **Am J Reprod Immunol Microbiol** 1985 Apr;7(4):149-55

Quantitative structural studies on human placentas associated with pre-eclampsia, essential hypertension and intrauterine growth retardation. Boyd PA, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):714-21

A hypothetical model suggesting suboptimal intrauterine growth in infants delivered preterm. Weiner CP, et al. **Obstet Gynecol** 1985 Mar;65(3):323-6

PHYSIOPATHOLOGY

Effects of hypoxemic events on breathing, body movements, and heart rate variation: a study in growth-retarded human fetuses. Bekedam DJ, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):52-6

Regional distribution of cerebral blood flow in experimental intrauterine growth retardation. Clapp JF 3d, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):843-6

Umbilical artery velocity waveforms and intrauterine growth retardation. Fleischer A, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):502-5

Umbilical artery blood flow characteristics in normal and growth-retarded fetuses. Erskine RL, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):605-10

The influence of intra-uterine growth retardation on brainstem development of preterm infants. Pettigrew AG, et al. **Dev Med Child Neurol** 1985 Aug;27(4):467-72

Follow-up of growth-retarded children born by elective caesarean section before 33 weeks. Huisjes HJ, et al. **Gynecol Obstet Invest** 1985;19(4):169-73

Placental function studies in low birth weight infants with and without dysmaturity. Westergaard JG, et al. **Obstet Gynecol** 1985 Mar;65(3):316-8

Intrauterine growth-retarded rat pups show increased susceptibility to pulmonary O2 toxicity. Frank L, et al. **Pediatr Res** 1985 Mar;19(3):281-6

Heterogeneous growth and mental development of intrauterine growth-retarded infants during the first 3 years of life. Villar J, et al. **Pediatrics** 1984 Nov;74(5):783-91

[Fetal echocardiography. 5. Quantitative evaluation of selected hemodynamic indicators in fetuses with asymmetrical intrauterine growth retardation] Piela A, et al. **Ginekol Pol** 1984 Apr;55(4):257-62 (Eng. Abstr.) (Pol)

[Effect of trental on placental transport function and fetal development in hypotrophy] Kucheriavenko AN. **Akush Ginekol (Mosk)** 1985 Apr;(4):67-9 (Rus)

[The hypophyseo-thyroid system in newborn infants with fetal growth retardation and in their mothers] Katricheva LV, et al. **Pediatriia** 1984 Dec;(12):17-9 (Eng. Abstr.) (Rus)

RADIOGRAPHY

[A new radioisotope method for the study of placental circulation in intrauterine growth retardation] Bódis J, et al. **Orv Hetil** 1985 Jan 6;126(1):11-5 (Eng. Abstr.) (Hun)

RADIONUCLIDE IMAGING

Determination of the intervillous perfusion index in pregnancies with intrauterine growth retardation. Bódis J, et al. **Gynecol Obstet Invest** 1985;19(2):89-91

THERAPY

Obstetric management of the growth retarded baby. Simpson GF, et al. **Clin Obstet Gynaecol** 1984 Aug;11(2):481-97

The effect of prenatal therapy in pregnancies with small-for-date fetuses on the psychoneurologic development of the infant. Sabata V, et al. **Prog Clin Biol Res** 1985;163B:249-53

[Prenatal therapy of fetal hypotrophy using long-term glucose infusions] Sabata V. **Cas Lek Cesk** 1984 Aug 10; 123(32):977-82 (Eng. Abstr.) (Cze)

[Therapy of fetal hypotrophy] Kadrnková M, et al. **Cesk Gynekol** 1985 Jul;50(6):410-2 (Cze)

[Therapeutic efforts and prenatal modification of selected disordered fetomaternal relations] Ruckhäberle KE, et al. **Zentralbl Gynakol** 1985;107(13):803-11 (Eng. Abstr.) (Ger)

VETERINARY

Myofiber differentiation in skeletal muscles of newborn runt and normal weight pigs. Aberle ED. **J Anim Sci** 1984 Dec; 59(6):1651-6

FETAL HEART

Long-term use of verapamil for control of persistent supraventricular tachycardia [letter] Díaz R, et al. **Am J Dis Child** 1985 May;139(5):443

Fetal echocardiography. V. M-mode measurements of the aortic root and aortic valve in second- and third-trimester normal human fetuses. DeVore GR, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):543-50

Fetal echocardiography. IV. M-mode assessment of ventricular size and contractility during the second and third trimesters of pregnancy in the normal fetus. DeVore GR, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):981-8

The Dublin randomized controlled trial of intrapartum fetal heart rate monitoring. MacDonald D, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):524-39

Foetal bradycardia diagnosis display using intrinsic dimensions. Hernández C, et al. **Australas Phys Eng Sci Med** 1984 Jul-Sep;7(3):108-11

Fetal echocardiography. Davison GB. **Australas Radiol** 1984 Aug;28(3):262-6

Psychological effects of cardiotocographic and ultrasonographic examinations in pregnancy and labour on the mother. Part II. The influence of cardiotocographic and ultrasonographic examinations on the maternal emotions of reassurance and pleasure. Sioda T, et al. **Ginekol Pol** 1984 Sep;55(9):661-7

False reactive nonstress tests in postterm pregnancies. Vantanasiri C, et al. **J Med Assoc Thai** 1985 May; 68(5):266-8

Fetal heart rate patterns and premature rupture of membranes [letter] Goodlin RC. **Obstet Gynecol** 1985 Mar;65(3):447-8

Fetal tachycardia as an indicator of maternal and neonatal morbidity. Hager WD, et al. **Obstet Gynecol** 1985 Aug; 66(2):191-4

ABNORMALITIES

Diagnosis of fetal heart abnormalities by echocardiography and its significance in the obstetric and fetal management. Pizzato F, et al. **Cardiologia** 1985 Jan;30(1):25-32

The prenatal diagnosis of congenital heart disease—a practical approach for the fetal sonographer. DeVore GR. **JCU** 1985 May;13(4):229-45

Fetal echocardiography: a pediatric cardiologist's perspective. Gutgesell HP. **JCU** 1985 May;13(4):227-8

Pulsed Doppler fetal echocardiography. Huhta JC, et al. **JCU** 1985 May;13(4):247-54

ANATOMY & HISTOLOGY

The use of the abdominal circumference as a means of assessing M-mode ventricular dimensions during the second and third trimesters of pregnancy in the normal human fetus. DeVore GR, et al. **J Ultrasound Med** 1985 Apr;4(4):175-82

The random measurement of the transverse diameter of the fetal heart: a potential source of error. DeVore GR, et al. **J Ultrasound Med** 1985 Jul;4(7):335-41

Fetal cardiac dimensions: a potential tool for the diagnosis of congenital heart defects. Jeanty P, et al. **J Ultrasound Med** 1984 Aug;3(8):359-64

Fetal echocardiography—applications and limitations. Kleinman CS, et al. **Ultrasound Med Biol** 1984 Nov-Dec;10(6):747-55

DRUG EFFECTS

Direct-vision sampling of chorionic villi during extra-amniotic instillation of physiologic saline solution: effect on intrauterine pressure and fetal heart activity. Löfberg L, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):591-2

Sinusoidal fetal heart rate and butorphanol administration [letter] Welt SI. **Am J Obstet Gynecol** 1985 Jun 1;152(3):362-3

Placental transfer of ephedrine does not affect neonatal outcome. Hughes SC, et al. **Anesthesiology** 1985 Aug;63(2):217-9

Fetal heart rate decelerations after oxytocin infusion in an abdominal pregnancy. Cabbad MF, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):2S-4S

[Monitoring changes in the heart rate of the premature fetus during tocolysis with the beta-adrenomimetics partusisten and Pre-par] Ivanov S, et al. **Akush Ginekol (Sofiia)** 1985;24(1):36-9 (Eng. Abstr.) **(Bul)**

[Effect of beta-methyldigoxin on the embryonal and fetal chicken heart] Rickenbacher J, et al. **Schweiz Med Wochenschr** 1985 May 4;115(18):625-9 **(Ger)**

[Effects of autonomic blockades, beta-adrenergic agent and cholinergic agent on the FHR variability of 'Shiba goats'] Okai T. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct;36(10):1822-30 (Eng. Abstr.) **(Jpn)**

[Effect of cholinoreceptor and beta-adrenoreceptor blockade on the variability of cardiac rhythm in rat fetuses] Siutkina EV. **Vestn Akad Med Nauk SSSR** 1985;(6):31-5 (Eng. Abstr.) **(Rus)**

EMBRYOLOGY

[Echocardiographic study of the fetal heart in the 3d trimester] Strizhakov AN, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):22-4 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

[Enzyme activity in human embryonic and fetal hearts] Lichnovský V, et al. **Acta Univ Palacki Olomuc Fac Med** 1985;108:63-70 **(Ger)**

GROWTH & DEVELOPMENT

Quantitative assessment of right and left ventricular growth in the human fetal heart: a pathoanatomic study. St. John Sutton MG, et al. **Circulation** 1984 Dec;70(6):935-41

[Fetal cardiac biometry. Evaluation of the growth of the right and left ventricles using bidimensional echocardiography in normal pregnancies] Créquat J, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):321-5 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

The demonstration of SS-A/Ro antigen in human fetal tissues and in neonatal and adult skin. Lee LA, et al. **J Invest Dermatol** 1985 Aug;85(2):143-6

INNERVATION

[Study on the functional development of the sympathetic nervous system of fetal heart in rats] Watanabe T, et al. **Nippon Yakurigaku Zasshi** 1984 Aug;84(2):229-41 (Eng. Abstr.) **(Jpn)**

METABOLISM

The role of lysosomes and microtubules in cardiac protein degradation. Wildenthal K, et al. **Adv Myocardiol** 1985;5:137-44

Protein turnover in heart and diaphragm of rat fetus. Johnson JD, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):E781-5

PHYSIOLOGY

Breast stimulation test in fetal surveillance. Erkkola R, et al. **Acta Obstet Gynecol Scand** 1984;63(8):719-22

Predictive value of antepartum non-stress test in multiple pregnancies. Lenstrup C. **Acta Obstet Gynecol Scand** 1984;63(7):597-601

Cardiotocographic distortion of fetal heart rate variability. Theoretical considerations and exemplification by computerized simulation. Sigurd J, et al. **Acta Obstet Gynecol Scand** 1985;64(3):255-8

Acute responses to maternal smoking of the pulsatile movements in fetal aorta. Sindberg Eriksen P, et al. **Acta Obstet Gynecol Scand** 1984;63(7):647-54

Effects of a beta-sympathomimetic drug on the foetal and maternal cardiovascular system in a chronic sheep model. Vojcek L, et al. **Acta Physiol Hung** 1985;65(4):511-6

Fetal heart rate response to maternal exercise. Collings C, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):498-501

Respiratory sinus arrhythmia in the human fetus. Divon MY, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):425-8

Longitudinal measurements of fetal breathing, body movements, heart rate, and heart rate accelerations and decelerations at 24 to 32 weeks of gestation. Natale R, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):256-63

Fetal heart rate accelerations and fetal movements in twin pregnancies. Ohel G, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):686-7

The distribution of accelerations of the human fetal heart rate at 38 to 40 weeks' gestational age. Patrick J, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):283-7

The management of bradycardia during nonstress tests [letter] Yeast JD. **Am J Obstet Gynecol** 1985 May 1;152(1):112-3

Antenatal cardiotocography in the evaluation of fetal well-being. Visser GH. **Aust NZ J Obstet Gynaecol** 1984 May;24(2):80-5

Improvements in the registration and analysis of fetal heart rate records at the bedside. Dawes GS, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):317-25

Baseline fetal heart rates from 15 to 38 weeks gestation in normotensive and hypertensive pregnancies. Dawson AJ, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):60-4

Reliability of cardiotocography in predicting baby's condition at birth [letter] **Br Med J [Clin Res]** 1985 Jan 12;290(6462):160

Reliability of cardiotocography in predicting baby's condition at birth. Curzen P, et al. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1345-7

Fetal cardiac responding: a correlate of birth weight and neonatal behavior. Emory EK, et al. **Child Dev** 1984 Aug;55(4):1651-7

Computerized detection of low-level fetal signals in the maternal abdominal electrocardiogram. Saini VD, et al. **Comput Biol Med** 1985;15(2):81-93

The value of an auditory stimulatory test in antenatal fetal cardiotocography. Davey DA, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec;18(5-6):273-7

Prediction of pO2 and pCO2 of the umbilical artery blood by mathematical analysis of fetal heart rate decelerations. Breborowicz G, et al. **Ginekol Pol** 1984 Oct;55(10):731-6

Psychological effects of cardiotocographic and ultrasonographic examinations in pregnancy and labour on the mother. Part I. The significance of cardiotocographic and ultrasonographic examinations for the development of maternal bonding. Sioda T. **Ginekol Pol** 1984 Sep;55(9):653-60

Psychological effects of cardiotocographic and ultrasonographic examinations in pregnancy and labour on the mother. Part II. The influence of cardiotocographic and ultrasonographic examinations on the maternal emotions of reassurance and pleasure. Sioda T, et al. **Ginekol Pol** 1984 Sep;55(9):661-7

Developmental considerations in neonatal failure. Rudolph AM. **Hosp Pract [Off]** 1985 Jan 15;20(1):53-7, 61-7, 70

Fetal heart rate in maternal hypoglycemic coma. Confino E, et al. **Int J Gynaecol Obstet** 1985 Feb;23(1):59-60

Continuous twenty-four hour recording of the fetal cardiac rhythm during normal pregnancies. Lecoutour X, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):385-8

Ultrasonic assessment of cardiac function in the intact human fetus. Kleinman CS, et al. **J Am Coll Cardiol** 1985 Jan;5(1 Suppl):84S-94S

Human maternal and fetal response to graded exercise. Jovanovic L, et al. **J Appl Physiol** 1985 May;58(5):1719-22

Flow through the foramen ovale of the fetal and new-born lamb. Anderson DF, et al. **J Physiol (Lond)** 1985 Aug;365:29-40

Fetal heart bradycardia associated with the vacuum extractor. A case report. Apuzzio JJ, et al. **J Reprod Med** 1984 Jul;29(7):496-7

Safety margin of fetal oxygenation. Meschia G. **J Reprod Med** 1985 Apr;30(4):308-11

Significance of exaggerated fetal heart rate accelerations during active labor. Ott WJ. **J Reprod Med** 1984 Sep;29(9):661-4

Alterations in the heart rate of Thoroughbred horse, pony and Holstein cow through pre- and post-natal stages. Matsui K, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):505-10

Studies on a new technique of simultaneous FHR recordings on single chart in twin pregnancy. Kigawa J, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul;37(7):1244-6

Changes in the umbilical venous blood flow of human fetus in labor. Murakami M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May;37(5):776-82

The significance of nonstress test from 24 to 42 weeks' gestation. Sato A, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Dec;36(12):2634-40

The fetal heart rate W-sign [letter] **Obstet Gynecol** 1985 Feb;65(2):298-9

Supine position in labor and associated fetal heart rate changes. Abitbol MM. **Obstet Gynecol** 1985 Apr;65(4):481-6

Effect of a pause on action potentials of the working ventricular myocardium of human embryos. Ježek K, et al. **Physiol Bohemoslov** 1985;34(1):69-76

Simultaneous antepartum testing of twin fetal heart rates. Devoe LD. **South Med J** 1985 Apr;78(4):380-3

[The value of routine cardiotocography during induced labor] Lenstrup C, et al. **Ugeskr Laeger** 1984 Sep 24;146(39):2948-50 (Eng. Abstr.) **(Dan)**

[Small oscillations in fetal cardiac rhythm: a sign of well-being? A new approach to the diagnostic value of spontaneous recordings of fetal cardiac rhythm in pregnancy] Puech F, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(1):49-57 (Eng. Abstr.) **(Fre)**

[Simultaneous registration of fetal cardiac rhythm of twins during labor] Uzan S, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(7):785-7 (Eng. Abstr.) **(Fre)**

[Dynamic tests for monitoring fetal cardiac rhythm] Béguin F, et al. **Rev Fr Gynecol Obstet** 1985 Jul;80(7):525-8 (Eng. Abstr.) **(Fre)**

[Quantification of fetal cardiac time intervals by mono-bidimensional echocardiography. Methodology] Mandorla S, et al. **Minerva Ginecol** 1985 Apr;37(4):141-5 (Eng. Abstr.) **(Ita)**

[On the identity of several variability indices for fetal heart beats] Kubo T, et al. **Iyodenshi To Seitai Kogaku** 1985 Feb;23(1):21-8 (Eng. Abstr.) **(Jpn)**

[The effect of the uterine contraction on the fetal heart rate pattern] Inoue T. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Feb;37(2):237-46 (Eng. Abstr.) **(Jpn)**

[Studies on periodic changes of fetal and neonatal heart rate] Kitada F. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Nov;36(11):2147-54 (Eng. Abstr.) **(Jpn)**

[The short-term variability index from abdominal fetal electrocardiogram] Ohno Y, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):53-60 (Eng. Abstr.) **(Jpn)**

[An on-line computer system for analyzing cardiotocograms] Moczko J, et al. **Ginekol Pol** 1984 Aug;55(8):611-5 (Eng. Abstr.) **(Pol)**

[Fetal movements and uterine contractions in the third trimester of pregnancy. III. Prenatal cardiotocography] Stanek J, et al. **Ginekol Pol** 1984 Dec;55(12):901-9 (Eng. Abstr.) **(Pol)**

[Characteristics of the development of cardiac rhythm in the fetus and neonate] Evsiukova II. **Akush Ginekol (Mosk)** 1985 Apr;(4):17-20 (36 ref.) **(Rus)**

[Circadian rhythm of fetal heart activity] Rymashevskii NV, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):25-7 (Eng. Abstr.) **(Rus)**

[Characteristics of the frequency spectrum of the fetal electrocardiogram] Eisenberg de Smoler P, et al. **Ginecol Obstet Mex** 1984 Oct;52(330):241-6 (Eng. Abstr.) **(Spa)**

[Value of monitoring the antepartum fetal heart rate] Lozano de la Garza JG, et al. **Ginecol Obstet Mex** 1982 Dec;50(308):329-32 (Eng. Abstr.) **(Spa)**

[Evidence of biorhythmic organization of the fetal heart rate. Technic of prolonged electrocardiographic recording] Ugartechea JC, et al. **Ginecol Obstet Mex** 1984 Apr;52(324):81-8 (Eng. Abstr.) **(Spa)**

[The non-stress test. A test without stimulus for determining fetal well-being] Vazquez Zárate VM, et al. **Ginecol Obstet Mex** 1983 Aug;51(316):213-6 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Neurodevelopmental outcome and electronic fetal heart rate monitoring in a neonatal intensive care population. Holmqvist P, et al. **Acta Obstet Gynecol Scand** 1984;63(6):527-32

Predictive value of antepartum fetal heart rate non-stress test in high-risk pregnancy. Lenstrup C, et al. **Acta Obstet Gynecol Scand** 1985;64(2):133-8

Sinusoidal fetal heart rate pattern. An indicator of fetal anemia in iso-immunization. Sigurd J, et al. **Acta Obstet Gynecol Scand** 1984;63(5):463-6

Acute effects of maternal smoking on fetal heart beat intervals. Sindberg Eriksen P, et al. **Acta Obstet Gynecol Scand** 1984;63(5):385-90

Effect of acute hypoxia on human fetal heart rate. The significance of increased heart rate variability. Thaler I, et al. **Acta Obstet Gynecol Scand** 1985;64(1):47-50

Effects of hypoxemic events on breathing, body movements, and heart rate variation: a study in growth-retarded human fetuses. Bekedam DJ, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):52-6

Preeclampsia and fetal heart rate decelerations [letter] Mazor M, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):115-6

Fetal responses to vibrotactile stimulation, a possible predictor of fetal and neonatal outcome. Leader LR, et al. **Aust NZ J Obstet Gynaecol** 1984 Nov;24(4):251-6

Correlation of the interpretation of fetal heart rate records with cord plasma erythropoietin levels. Widness JA, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):326-32

The ultrasound score and fetal heart-rate pattern as predictor of fetal outcome. Mazor M, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jan;19(1):7-11

Heart rate variability and electrocardiogram changes in the fetal lamb during hypoxia and beta-adrenoceptor stimulation. Lilja H, et al. **J Perinat Med** 1984;12(3):115-25

Fetal heart rate tracings in fetuses with congenital malformations. Biale Y, et al. **J Reprod Med** 1985 Jan;30(1):43-7

Observations on perinatal heart rate monitoring. II. Quantitative unreliability of Doppler fetal heart rate variability. Suidan JS, et al. **J Reprod Med** 1985 Jul;30(7):519-22

Treatment of fetal supraventricular tachyarrhythmias. Kleinman CS, et al. **JCU** 1985 May;13(4):265-73

Stillbirth after nonstress testing. Barss VA, et al. **Obstet Gynecol** 1985 Apr;65(4):541-4

Correlation of ominous fetal heart rate patterns and brain-specific creatine kinase. Feldman RC, et al. **Obstet Gynecol** 1985 Apr;65(4):476-80

Fetal heart rate W-sign [letter] Krebs HB. **Obstet Gynecol** 1985 Mar;65(3):448-9

Fixed fetal heart rate pattern after intrauterine accidental decerebration. van der Moer PE, et al. **Obstet Gynecol** 1985 Jan;65(1):125-7

Fetal heart rate variation with umbilical haematoma. Ballas S, et al. **Postgrad Med J** 1985 Aug;61(718):753-5

Sinusoidal fetal heart rate pattern associated with congenital hydrocephalus. A report of 2 cases. Ombelet W, et al. **S Afr Med J** 1985 Mar 16;67(11):423-5

[The significance of acceleration in the intrapartum cardiotocogram] Horská S, et al. **Cesk Gynekol** 1985 Jul;50(6):395-401 (Eng. Abstr.) **(Cze)**

[Interpretation of the fetal heart rate in pregnancy and labor] Künzel W, et al. **Gynakologe** 1984 Dec;17(4):255-64 **(Ger)**

[Placental perfusion, endocrine parameters of pregnancy and cardiotocographic non-stress tests in cases of intrauterine retardation] Doszpod J, et al. **Zentralbl Gynakol** 1984;106(21):1413-8 (Eng. Abstr.) **(Ger)**

[Effect of cardiotocographic fetal monitoring on the type and frequency of obstetrical operations] Higier J, et al. **Ginekol Pol** 1985 Jan;56(1):29-32 (Eng. Abstr.) **(Pol)**

[Fetal echocardiography. 5. Quantitative evaluation of selected hemodynamic indicators in fetuses with asymmetrical intrauterine growth retardation] Piela A, et al. **Ginekol Pol** 1984 Apr;55(4):257-62 (Eng. Abstr.) **(Pol)**

[Usefulness of an enzymatic method of determining placental lactogen and estriol in the serum and cardiotocographic recording in monitoring high-risk pregnancy] Pisarek-Miedzińska D, et al. **Ginekol Pol** 1984 Aug;55(8):583-94 (Eng. Abstr.) **(Pol)**

[Cardiomonitoring in the evaluation of fetal condition in threatened abortion in the second and third trimesters] Khokhlova ID. **Akush Ginekol (Mosk)** 1984 Oct;(10):35-8 (Eng. Abstr.) **(Rus)**

[Prognosis of fetal status in a complicated course of pregnancy: the possibilities of cardiotocography and of assessing fetal respiratory activity] Voronin KV, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):36-8 (Eng. Abstr.) **(Rus)**

FETAL HEMOGLOBIN

Heterogeneity in the globin chain composition of a human minor fetal hemoglobin component. Kasten-Jolly J, et al. **Biochim Biophys Acta** 1985 May 20;829(1):6-12

A point mutation in the A gamma-globin gene promoter in Greek hereditary persistence of fetal haemoglobin. Collins FS, et al. **Nature** 1985 Jan 24-30;313(6000):325-6

G to A substitution in the distal CCAAT box of the A gamma-globin gene in Greek hereditary persistence of fetal haemoglobin. Gelinas R, et al. **Nature** 1985 Jan 24-30;313(6000):323-5

ANALOGS & DERIVATIVES

Glycosylated and acetylated hemoglobins in relation to gestational age and red cell age. Elseweidy MM, et al. **Hemoglobin** 1984;8(4):363-72

ANALYSIS

-G gamma A gamma-Thalassemia and gamma-chain variants in Chinese newborn babies. Zeng YT, et al. **Am J Hematol** 1985 Mar;18(3):235-42

Liquid control materials for haemoglobins A2 and F: a one-year interlaboratory evaluation. Franzini C. **Ann Clin Biochem** 1985 May;22 (Pt 3):257-60

Hb F-La Grange or alpha 2 gamma 2 101(G3)Glu----Lys; 75Ile; 136Gly: a high oxygen affinity fetal hemoglobin variant observed in a Caucasian newborn. Nakatsuji T, et al. **Biochim Biophys Acta** 1984 Sep 11;789(2):224-8

The effect of hydroxyurea on hemoglobin F in patients with myeloproliferative syndromes. Alter BP, et al. **Blood** 1985 Aug;66(2):373-9

Production of F cells in sickle cell anemia: regulation by a genetic locus or loci separate from the beta-globin gene cluster. Boyer SH, et al. **Blood** 1984 Nov;64(5):1053-8

Haemoglobin F levels in patients with testicular tumours. Akdas A, et al. **Br J Urol** 1985 Aug;57(4):471-3

Determination of the gamma G/gamma A ratio in homozygous beta-thalassemic patients among a Lebanese population. Muallem HE, et al. **Clin Chim Acta** 1984 Dec 29;144(2-3):191-4

Classic illustration. Kleihauer-Betke technique. Knörr K. **Eur J Obstet Gynecol Reprod Biol** 1985 May;19(5):333-5

Hb F-Tokyo or alpha 2G gamma 2 34(B16)Val----Ile, a silent gamma chain variant detected by reverse phase high performance liquid chromatography. Chen S, et al. **Hemoglobin** 1985;9(1):25-32

Hb F-Pendergrass, an A gamma I variant with a Pro----Arg substitution at position gamma 36(C2). Chen SS, et al. **Hemoglobin** 1985;9(1):73-7

Hb A2-Babinga, Hb S, and HPFH in members of a family from Creola, Alabama. McRoyan DK, et al. **Hemoglobin** 1984;8(4):413-6

Diagnostic efficacy of haemoglobin A2 in heterozygous beta thalassaemia. Saraya AK, et al. **Indian J Med Res** 1984 Aug;80:203-8

Rapid high-performance liquid chromatographic method for the separation of the three types of gamma-chain of human fetal haemoglobin. Baudin V, et al. **J Chromatogr** 1984 Sep 21;299(2):495-7

Increase of F cells during acute hemolysis in glucose-6-phosphate dehydrogenase-deficient males. Schiliro' G, et al. **Pediatr Res** 1985 Apr;19(4):397-9

Common haplotype dependency of high G gamma-globin gene expression and high Hb F levels in beta-thalassemia and sickle cell anemia patients. Labie D, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2111-4

alpha-Thalassemia and HbF concentration in sickle cell anemia. Rucknagel D, et al. **Prog Clin Biol Res** 1984;165:103-29

Radioimmunoassay of haemoglobin F in K 562 cells following induction with renin substrate and erythropoietin. Rosenlöf K, et al. **Scand J Clin Lab Invest** 1985 Jun;45(4):373-8

The Hb F composition in a Moroccan family with beta zero-thalassaemia and Hb O-Arab. Morlé F, et al. **Scand J Haematol** 1984 Sep;33(3):231-7

[Hemoglobin F—study methods and clinical significance] Wolff J, et al. **Padiatr Grenzgeb** 1984;23(4):205-11 (Eng. Abstr.) **(Ger)**

[The effect of HbF on the determination of HbA1 by a minicolumn method and the frequency of HbF persistence among adult Japanese] Kiyose H, et al. **Rinsho Byori** 1984 Oct;32(10):1148-54 **(Jpn)**

[Changes in hemoglobin heterogeneity in sailors during a long cruise] Barinov VA. **Voen Med Zh** 1985 Mar;(3):48-9 **(Rus)**

[Heterozygous beta thalassemia with increased HbF: independent segregation of beta thalassemia and hereditary persistent fetal hemoglobin (Swiss type) in a Spanish family] De Blas JM, et al. **Sangre (Barc)** 1985;30(1):28-36 (Eng Abstr.) **(Spa)**

BIOSYNTHESIS

Tetrahydrouridine, cytidine analogues, and hemoglobin F. DeSimone J, et al. **Am J Hematol** 1985 Mar;18(3):283-8

5-Azacytidine and fetal hemoglobin. Heller P, et al. **Am J Hematol** 1984;17(4):439-47 (36 ref.)

Progress toward increasing fetal hemoglobin production in man: experience with 5-azacytidine and hydroxyurea. Dover GJ, et al. **Ann NY Acad Sci** 1985;445:218-24

Regulation of fetal hemoglobin synthesis in the hemoglobinopathies. Nathan DG. **Ann NY Acad Sci** 1985;445:177-87

Pharmacological manipulation of fetal hemoglobin synthesis in patients with severe beta-thalassemia. Nienhuis AW, et al. **Ann NY Acad Sci** 1985;445:198-211

A model for hemoglobin F synthesis in adult life: evidence for regulation at the level of erythroblasts. Peschle C, et al. **Ann NY Acad Sci** 1985;445:225-34

Hb F production in stressed erythropoiesis: observations and kinetic models. Stamatoyannopoulos G, et al. **Ann NY Acad Sci** 1985;445:188-97

Induction of hemoglobin F synthesis in patients with beta thalassemia. Ley TJ, et al. **Annu Rev Med** 1985;36:485-98 (47 ref.)

5-Azacytidine increases HbF production and reduces anemia in sickle cell disease: dose-response analysis of subcutaneous and oral dosage regimens. Dover GJ, et al. **Blood** 1985 Sep;66(3):527-32

Treatment of baboon with vinblastine: insights into the mechanisms of pharmacologic stimulation of Hb F in the adult. Veith R, et al. **Blood** 1985 Aug;66(2):456-9

Efficient cell proliferation and predominant accumulation of epsilon-globin mRNA in human leukemic K562 cells which produce mostly Hb Gower 1. Gambari R, et al. **Experientia** 1985 May 15;41(5):673-5

High performance liquid chromatography of rat globin chains of fetal liver during the switch from embryonic to adult hemoglobin. Congote LF, et al. **Hemoglobin** 1984;8(4):373-86

Determination of the hemoglobin F program in human progenitor-derived erythroid cells. Friedman AD, et al. **J Clin Invest** 1985 Apr;75(4):1359-68

5-Azacytidine acts directly on both erythroid precursors and progenitors to increase production of fetal hemoglobin. Humphries RK, et al. **J Clin Invest** 1985 Feb;75(2):547-57

Influence of cell cycle phase-specific agents on simian fetal hemoglobin synthesis. Letvin NL, et al. **J Clin Invest** 1985 Jun;75(6):1999-2005

The effects of variable doses of 5-azacytidine on fetal hemoglobin production in sickle cell anemia. Dover GJ, et al. **Prog Clin Biol Res** 1984;165:73-83

Prostaglandin E2 mediated effects on the synthesis of fetal and adult hemoglobin in blood erythroid bursts. Datta MC. **Prostaglandins** 1985 Apr;29(4):561-77

Is increase of fetal hemoglobin due to erythropoietic stress the result of DNA hypomethylation? DeSimone J, et al. **Trans Assoc Am Physicians** 1983;96:155-64

Increasing fetal hemoglobin in sickle cell disease: comparisons of 5-azacytidine (subcutaneous or oral) with hydroxyurea. Dover GJ, et al. **Trans Assoc Am Physicians** 1984;97:140-5

Hemoglobin switching activity: target cells and direct evidence for a role of environment to cell interactions in Hb F to Hb A switching. Papayannopoulou T, et al. **Trans Assoc Am Physicians** 1983;96:252-60

Hydroxyurea increases fetal hemoglobin production in sickle cell anemia. Platt OS, et al. **Trans Assoc Am Physicians** 1984;97:268-74

GENETICS

Haplotypes and levels of fetal hemoglobin and G gamma to A gamma ratios in Mediterranean patients with thalassemia minor and major. Aksoy M, et al. **Am J Hematol** 1985 Sep;20(1):7-16

Two arrangements of the human fetal globin genes may be responsible for high G gamma values in Chinese newborns: -G gamma-G gamma-delta-beta and -G gamma-A gamma G gamma-A gamma-delta-beta. Harano T, et al. **Am J Hematol** 1985 Aug;19(4):349-53

Molecular analysis of deletion and nondeletion hereditary persistence of fetal hemoglobin and identification of a new mutation causing beta-thalassemia. Feingold EA, et al. **Ann NY Acad Sci** 1985;445:159-69

The ratio of the G gamma and A gamma chains: variations due to anomalies at the molecular level. Gilman JG, et al. **Ann NY Acad Sci** 1985;445:235-47

Heterogeneity of delta, beta-thalassemia and hereditary persistence of Hb F in the Mediterranean area. Ottolenghi S, et al. **Ann NY Acad Sci** 1985;445:170-6

Developmental regulation of human globin genes. Karlsson S, et al. **Annu Rev Biochem** 1985;54:1071-108 (308 ref.)

Concordance of a point mutation 5' to the G gamma globin gene with G gamma beta +. Hereditary persistence of fetal hemoglobin in the black population. Collins FS, et al. **Blood** 1984 Dec;64(6):1292-6

The three polymorphic chains of human Hb-F studied in normal Italian newborns. Guerrasio A, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1621-7

Five haplotypes in Black beta-thalassaemia heterozygotes: three are associated with high and two with low G gamma values in fetal haemoglobin. Harano T, et al. **Br J Haematol** 1985 Feb;59(2):333-42

The sequence of the A gamma globin gene in a G gamma beta+ type of hereditary persistence of fetal haemoglobin. Jones RW, et al. **Br J Haematol** 1985 Feb;59(2):357-62

A genetic marker for elevated levels of haemoglobin F in homozygous sickle cell disease? Wainscoat JS, et al. **Br J Haematol** 1985 Jun;60(2):261-8

A molecular study of a family with Greek hereditary persistence of fetal hemoglobin and beta-thalassemia. Giglioni B, et al. **EMBO J** 1984 Nov;3(11):2641-5

Hemoglobin abnormalities in a black family with HB S, hereditary persistence of HB F, and a gamma chain variant; a reevaluation through gene mapping. Harano T, et al. **Hemoglobin** 1984;8(6):549-68

Clinical and haematological evaluation of beta thalassaemia intermedia with increased Hb F and Hb A2 in heterozygotes: beta thalassaemia intermedia I. Altay C, et al. **J Med Genet** 1985 Jun;22(3):205-12

Association of heterocellular HPFH, beta+-thalassaemia, and delta beta degrees-thalassaemia: haematological and molecular aspects. Cianetti L, et al. **J Med Genet** 1984 Aug;21(4):263-7

Clinical and haematological evaluation of beta thalassaemia intermedia characterised by unusually low Hb F and increased Hb A2: beta thalassaemia intermedia II. Gurgey A, et al. **J Med Genet** 1985 Jun;22(3):213-21

Haemoglobin switching in human embryos: asynchrony of zeta----alpha and epsilon----gamma-globin switches in primitive and definite erythropoietic lineage. Peschle C, et al. **Nature** 1985 Jan 17-23;313(5999):235-8

IMMUNOLOGY

A monoclonal antibody to hemoglobin F. Muensch H, et al. **Blut** 1984 Sep;49(3):203-11

ISOLATION & PURIFICATION

An HbF enrichment procedure for the HPLC analysis of gamma chains. Zago MA, et al. **Clin Chim Acta** 1985 May 15;148(1):39-46

Hb F-Dammam or alpha 2A gamma 2(79) (EF3) Asp----Asn. Al-Awamy BH, et al. **Hemoglobin** 1985;9(2):171-3

METABOLISM

Effect of FS (alpha 2 gamma beta s) hybrid hemoglobin on Hb S nucleation and aggregation. Nibu K, et al. **Biochim Biophys Acta** 1985 May 20;829(1):97–102

FETAL IMMUNITY, MATERNALLY-ACQUIRED see IMMUNITY, MATERNALLY-ACQUIRED

FETAL MATURITY, CHRONOLOGIC see GESTATIONAL AGE

FETAL MATURITY, FUNCTIONAL see FETAL ORGAN MATURITY

FETAL MEMBRANES

Management of spontaneous rupture of the membranes in the absence of labor in primigravid women at term. Conway DI, et al. **Am J Obstet Gynecol** 1984 Dec 15; 150(8):947–51

Experimental evidence for the progress of labor with the increase in the force of cervical dilatation after rupture of the membranes. Manabe Y, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):696–704

Changes in the blood and foetal fluid composition at different stages of gestation in ewes. Chiboka O, et al. **Beitr Trop Landwirtsch Veterinarmed** 1985;23(1):65–71

Investigation of the origin of the osteoclast by use of transplantation on chick chorioallantoic membrane. Yabe H, et al. **Clin Orthop** 1985 Jul–Aug;(197):255–65

Proteins in the amniotic and allantoic fluids of fetal pigs. McKenna P. **Comp Biochem Physiol [B]** 1984;78(3):663–7

Effects of retinoids on invasion of organ cultures of chick chorioallantoic membrane by adenovirus transformed cells. Fazely F, et al. **In Vitro Cell Dev Biol** 1985 Jul;21(7):409–14

Hydrallantois in a bovine leading to rupture of the prepubic tendon and abdominal musculature. Penzhorn BL, et al. **J S Afr Vet Assoc** 1985 Jun;56(2):115 (Eng, Afr)

Amniotic fluid infection with intact membranes in relation to stillborns. Royston D, et al. **Obstet Gynecol** 1985 May; 65(5):745–6

Prenatal diagnosis of trisomy 9 mosaicism possibly limited to fetal membranes. Pfeiffer RA, et al. **Prenat Diagn** 1984 Sep–Oct;4(5):387–9

Bacterial colonization of amniotic fluid in patients with intact membranes during labor. Apuzzio JJ, et al. **South Med J** 1984 Sep;77(9):1133–5

[Biochemical follow-up studies of amniotic and allantoic fluid of sows in early pregnancy] Wollenhaupt K, et al. **Arch Exp Veterinarmed** 1984 Jul;38(4):608–20 (Eng. Abstr.) (Ger)

ANALYSIS

The content of placental protein 12 in decidua and fetal membranes is greater than in placenta. Rutanen EM, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1240–4

Monkey placenta, decidua, amnion or chorion does not contain measurable dopamine receptors. Rotten D, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:80–4

Chondroitin/dermatan sulfate proteoglycan in human fetal membranes. Demonstration of an antigenically similar proteoglycan in fibroblasts. Brennan MJ, et al. **J Biol Chem** 1984 Nov 25;259(22):13742–50

ANATOMY & HISTOLOGY

The allantois of the North American opossum (Didelphis virginiana) with preliminary observations on the yolk sac endoderm and trophectoderm. Krause WJ, et al. **Anat Rec** 1985 Feb;211(2):166–73

BLOOD SUPPLY

Direct measurement of allantoic blood flow in the chicken, Gallus domesticus. Responses to alteration in ambient temperature and PO2. Tazawa H, et al. **Comp Biochem Physiol [A]** 1985;81(3):641–2

Utilization of image analysis for the quantification of vascular responses in the chick chorioallantoic membrane. Jakob W, et al. **Exp Pathol** 1984;26(2):93–9

A new image analysis method for the quantification of neovascularization. Voss K, et al. **Exp Pathol** 1984; 26(3):155–61

Angiogenic activity in injured rat corneas as assayed on the chick chorioallantoic membrane. Vu MT, et al. **Lab Invest** 1985 Sep;53(3):311–9

CYTOLOGY

[Cell cycle parameters and proliferative activity in chorioallantois tissues at various stages in chick embryo development] Drobot GP. **Tsitologiia** 1985 Jun;27(6):720–5 (Eng. Abstr.) (Rus)

DRUG EFFECTS

The chick embryo in toxicology: an alternative to the rabbit eye. Leighton J, et al. **Food Chem Toxicol** 1985 Feb; 23(2):293–8

Hen's egg chorioallantoic membrane test for irritation potential. Luepke NP. **Food Chem Toxicol** 1985 Feb; 23(2):287–91

ENZYMOLOGY

Activities in the placenta and fetal membranes of enzymes involved in energy metabolism. Herrmann U Jr, et al. **Arch Gynecol** 1985;236(4):249–54

Enzymatically active zinc, copper and mercury derivatives of the one-iron form of pig allantoic fluid acid phosphatase. Beck JL, et al. **Biochim Biophys Acta** 1984 Dec 21; 791(3):357–63

The isolation and characterization of lysozyme from human foetal membranes: a comparison with the enzyme from other sources. Barling PM, et al. **Comp Biochem Physiol [B]** 1985;81(2):509–13

IMMUNOLOGY

Monoclonal antibody to human cytotrophoblast cross-reacts with basal layers of some fetal epithelial surfaces. Loke YW, et al. **Placenta** 1984 May–Jun;5(3):199–204

METABOLISM

Changes in the synthesis and metabolism of prostaglandins by human fetal membranes and decidua at labor. Skinner KA, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):519–23

Inhibition of fetal membrane prostaglandin production by prolactin: relative importance in the initiation of labor. Tyson JE, et al. **Am J Obstet Gynecol** 1985 Apr 15; 151(8):1032–8

Obligate genetic expression in tumor cells of a fetal membrane property mediating 'folate' transport: biological significance and implications for improved therapy of human cancer. Sirotnak FM. **Cancer Res** 1985 Sep; 45(9):3992–4000 (90 ref.)

Histochemical study of the fetal membranes in the human term pregnancy. Sala MA, et al. **Gegenbaurs Morphol Jahrb** 1984;130(5):699–705

Peripheral deiodination of thyroid hormones in placenta and fetal membranes. Emerson CH, et al. **Horm Metab Res [Suppl]** 1984;14:56–62

Epidermal growth factor binding to human amnion, chorion, decidua, and placenta from mid- and term pregnancy: quantitative light microscopic autoradiographic studies. Chegini N, et al. **J Clin Endocrinol Metab** 1985 Sep; 61(3):529–35

[Effect of steroids on the formation of progesterone in the fetal membrane] Hori D. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun;37(6):982–90 (Eng. Abstr.) (Jpn)

[Circulation time and dynamics of 3H-thymidine incorporation into DNA at various stages of chick embryo development] Drobot GP, et al. **Arkh Anat Gistol Embriol** 1985 May;88(5):71–6 (Eng. Abstr.) (Rus)

MICROBIOLOGY

Concentration and purification of influenza virus from allantoic fluid. Arora DJ, et al. **Anal Biochem** 1985 Jan; 144(1):189–92

[Streptococcus pneumoniae multiplication in the allantoic cavity of developing chick embryos] Iakovleva NV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):69–71 (Eng. Abstr.) (Rus)

PARASITOLOGY

Cultivation of the cercaria of Himasthla quissetensis (Trematoda) on the chick chorioallantois. Fried B, et al. **Int J Parasitol** 1985 Apr;15(2):219–23

PATHOLOGY

Ability of in vitro (corneal injury—eye organ—and chorioallantoic membrane) tests to represent histopathological features of acute eye inflammation. Parish WE. **Food Chem Toxicol** 1985 Feb;23(2):215–27

[Indicators for the pathologic-anatomical study of placenta and fetal membranes] Herva R. **Duodecim** 1985; 101(4):415–9 (Fin)

[Fetal membranes of the human. Electron microscopy study] Wang T. **Fortschr Med** 1984 Dec 13;102(46):1185–7 (Eng. Abstr.) (Ger)

PHYSIOLOGY

Inhibition of prostaglandin synthesis by ovine allantoic fluid: acute reduction in inhibitory activity during late gestation. Leach Harper CM, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1152–7

Purification and properties of ovoperoxidase, the enzyme responsible for hardening the fertilization membrane of the sea urchin egg. Deits T, et al. **J Biol Chem** 1984 Nov 10; 259(21):13525–33

SECRETION

In vitro influence of steroids, histamine, adrenaline and oxytocin on secretion of prostaglandins PGE2 and PGF2 alpha by human fetal membranes. Acker GM, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:67–71

SURGERY

[Labor induction with and without primary low amniotomy—a comparison of the 2 methods] Iarlikov A. **Akush Ginekol (Sofiia)** 1984;23(6):486–90 (Bul)

ULTRASTRUCTURE

The structure of the shell membrane, the development and structural change of the amnion and chorioallantoic membrane during hatching in the goose. Fehér G. **Anat Histol Embryol** 1984 Dec;13(4):285–99

Morphological study of the chorio-allantoic fetal membranes. Minh HN, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Jul;17(5):305–14

Anatomy of the chick chorioallantoic membrane relevant to its use as a substrate in bioassay systems. McCormick JF, et al. **Scan Electron Microsc** 1984;(Pt 4):2023–30

[New data on the morphology of the allanto-chorion fetal membranes] Minh HN, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(5):507–13 (Eng. Abstr.) (Fre)

[Light and electron microscopic studies of the development and function of the albumin sac in incubated goose eggs] Fehér G. **Anat Histol Embryol** 1985 Mar;14(1):66–77 (Eng. Abstr.) (Ger)

FETAL MEMBRANES, PREMATURE RUPTURE

The accuracy of estimated gestational age based on ultrasound measurement of biparietal diameter in preterm premature rupture of the membranes. O'Keeffe DF, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):309–12

Fluorescence polarization values of amniotic fluid collected from the vagina after rupture of the membranes. Schneider EP, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):572–3

Premature rupture of membranes at term [letter] Spinnato JA. **Am J Obstet Gynecol** 1985 Jul 1;152(5):609–10

Fetal heart rate patterns and premature rupture of membranes [letter] Goodlin RC. **Obstet Gynecol** 1985 Mar;65(3):447–8

[Premature rupture of the membranes at the end of pregnancy. Results of immediate induction of labor] Pregazzi R, et al. **Minerva Ginecol** 1984 Dec;36(12):773–5 (Eng. Abstr.) (Ita)

BLOOD

Effects of betamethasone on white blood cells in patients with premature rupture of the membranes and preterm labor. Ferguson JE 2d, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):439–41

The significance of C-reactive protein levels in women with premature rupture of membranes. Ismail MA, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):541–4

COMPLICATIONS

Lung hypoplasia and prolonged preterm ruptured membranes: a case report with implications for possible prenatal ultrasonic diagnosis. Callan NA, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):756–7

C-reactive protein as a predictor for chorioamnionitis in cases of premature rupture of the membranes. Romem Y, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):546–50

The fetal biophysical profile in patients with premature rupture of the membranes—an early predictor of fetal infection. Vintzileos AM, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):510–6

The use of amniocentesis in preterm premature rupture of membranes. Gonik B, et al. **Am J Perinatol** 1985 Jan; 2(1):21–4

Early amnion rupture spectrum—a case report. Bhui PS, et al. **Indian J Pediatr** 1983 Nov–Dec;50(407):675–7

Neonatal pulmonary hypoplasia with premature rupture of fetal membranes and oligohydramnios. Thibeault DW, et al. **J Pediatr** 1985 Aug;107(2):273–7

Amniocentesis in the identification of inapparent infection in preterm patients with premature rupture of the membranes. Zlatnik FJ, et al. **J Reprod Med** 1984 Sep; 29(9):656–60

Maternal vernix caseosa peritonitis following premature rupture of fetal membranes. Schwartz IS, et al. **JAMA** 1985 Aug 16;254(7):948–50

Amniocentesis for gram stain and culture in preterm premature rupture of the membranes. Broekhuizen FF, et al. **Obstet Gynecol** 1985 Sep;66(3):316–21

Ectopia cordis thoracalis with craniofacial defects resulting from early amnion rupture. Van Allen MI, et al. **Teratology** 1985 Aug;32(1):19–24

[Membrane rupture and tocolysis] Halberstadt E. **Gynakologe** 1984 Dec;17(4):230–5 (Ger)

[Premature rupture of the membranes: its effects on the newborn infant and the validity of antibiotic prophylaxis] Demi M, et al. **Pediatr Med Chir** 1984 Mar–Apr;6(2):295–8 (Eng. Abstr.) (Ita)

[Prognostic value of C-reactive protein in premature rupture of membranes. Prospective study] Andrade Vargas A, et al. **Ginecol Obstet Mex** 1984 Jun;52(326):157–60 (Eng. Abstr.) (Spa)

DIAGNOSIS

'Fig leaf' ferning and positive Nitrazine testing: semen as a cause of misdiagnosis of premature rupture of membranes [letter] McGregor JA, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1142–3

Are vaginal fluid concentrations of prolactin, alpha-fetoprotein and human placental lactogen useful for diagnosing ruptured membranes? [letter] Rochelson BL.

Br J Obstet Gynaecol 1985 Apr;92(4):427

Underestimation of fetal weight in premature rupture of membranes. Divon MY, et al. **J Ultrasound Med** 1984 Dec; 3(12):529–31

Degree of oligohydramnios and pregnancy outcome in patients with premature rupture of the membranes. Vintzileos AM, et al. **Obstet Gynecol** 1985 Aug;66(2):162–7

[Significance of the diamine-oxidase test in the diagnosis of spontaneous rupture of fetal membranes] Vige P, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(7):797–801 (Eng. Abstr.) (Fre)

[Poisoning by methylene blue in a newborn infant] Jiménez-Balderas EA, et al. **Bol Med Hosp Infant Mex** 1984 Jun;41(6):341–4 (Eng. Abstr.) (Spa)

DRUG THERAPY

Management of preterm prematurely ruptured membranes: a retrospective comparison of observation versus use of steroids and timed delivery. Iams JD, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):977–81

Management of preterm prematurely ruptured membranes: a prospective randomized comparison of observation versus use of steroids and timed delivery. Iams JD, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):32–8

Magnesium therapy decreased the rate of intrauterine fetal retardation, premature rupture of membranes and premature delivery in risk pregnancies treated with betamimetics. Conradt A, et al. **Magnesium** 1985;4(1):20–8

Use of beta-methasone in management of preterm gestation with premature rupture of membranes. Simpson GF, et al. **Obstet Gynecol** 1985 Aug;66(2):168–75

[A new prostaglandin E1 analog in late interruption of pregnancy, in utero deaths and very premature ruptures of the membranes. Apropos of 117 cases] Henrion R, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):939–46 (Eng. Abstr.) (Fre)

[Premature membrane rupture: effect of intracervical PGE2 gel administration on plasma oxytocin, PGFM and PGEM levels in mother and child] Goeschen K, et al. **Geburtshilfe Frauenheilkd** 1984 Dec;44(12):772–6 (Eng. Abstr.) (Ger)

ETIOLOGY

Infection and phagocytosis as possible mechanisms of rupture in premature rupture of the membranes. Sbarra AJ, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):38–43

Fetal weight and premature rupture of the membranes in preterm delivery. Lee SL, et al. **Asia Oceania J Obstet Gynaecol** 1985 Jun;11(2):241–5

Sexuality in pregnancy and premature labour. Georgakopoulos PA, et al. **Br J Obstet Gynaecol** 1984 Sep; 91(9):891–3

Amniotic fluid volume as a risk factor in preterm premature rupture of the membranes. Gonik B, et al. **Obstet Gynecol** 1985 Apr;65(4):456–9

[Complications of labor, puerperium and the neonatal period associated with amnioscopy] Malinowski W, et al. **Ginekol Pol** 1984 Aug;55(8):595–601 (Eng. Abstr.) (Pol)

[Course of labor in breech presentation and its complications] Szczurowicz A, et al. **Wiad Lek** 1984 Mar 15;37(6):434–40 (Eng. Abstr.) (Pol)

[Pathology of the pregnant diabetic: its relation to the degree of metabolic control during the pregnancy] Micaló T, et al. **Med Clin (Barc)** 1985 Mar 16;84(10):394–6 (Eng. Abstr.) (Spa)

[Amniotic fluid drainage following amniocentesis] Almuna R, et al. **Rev Chil Obstet Ginecol** 1981;46(3):142–5 (Eng. Abstr.) (Spa)

MICROBIOLOGY

Risk factors for prematurity and premature rupture of membranes: a prospective study of the vaginal flora in pregnancy. Minkoff H, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):965–72

[Microbial flora of the cervix from rupture of the membranes and the antibacterial effect of amniotic fluid] Chimura T, et al. **Jpn J Antibiot** 1985 Jan;38(1):69–73 (Eng. Abstr.) (Jpn)

PHYSIOPATHOLOGY

Premature rupture of the membranes and barometric pressure changes. Polansky GH, et al. **J Reprod Med** 1985 Mar; 30(3):189–91

THERAPY

Premature rupture of the membranes: the enigma of the obstetrician. Garite TJ. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1001–5

Preterm rupture of the membranes: combination therapy. Van Dorsten JP, et al. **Am J Obstet Gynecol** 1985 Sep 15; 153(2):147–53

Conservative versus aggressive management of preterm rupture of membranes. A randomized trial of amniocentesis. Cotton DB, et al. **Am J Perinatol** 1984 Jul;1(4):322–4

Treatment of premature rupture of the membranes. Douvas SG, et al. **J Reprod Med** 1984 Oct;29(10):741–4

Comparison of intravenous oxytocin and vaginal prostaglandin E2 gel in women with unripe cervixes and premature rupture of the membranes. Ekman-Ordeberg G, et al. **Obstet Gynecol** 1985 Sep;66(3):307–10

Premature rupture of membranes: a prospective, randomized evaluation of steroids, latent phase, and expectant management. Nelson LH, et al. **Obstet Gynecol** 1985 Jul; 66(1):55–8

Premature rupture of membranes. Spinnato JA. **Obstet Gynecol** 1985 Jan;65(1):153–4

Premature rupture of membranes before fetal viability. Taylor J, et al. **Obstet Gynecol** 1984 Nov;64(5):615–20

FETAL MONITORING

Contraction stress test by breast stimulation as part of antepartum monitoring. Chayen B, et al. **Acta Obstet Gynecol Scand** 1985;64(1):3–6

Analysis of intrapartum fetal deaths: their decline with increasing electronic fetal monitoring. Erkkola R, et al. **Acta Obstet Gynecol Scand** 1984;63(5):459–62

Effects of electronic fetal monitoring on rates of early neonatal death, low Apgar score, and cesarean section. Greenland S, et al. **Acta Obstet Gynecol Scand** 1985; 64(1):75–80

Predictive value of antepartum fetal heart rate non-stress test in high-risk pregnancy. Lenstrup C, et al. **Acta Obstet Gynecol Scand** 1985;64(2):133–8

Auditory evoked responses in the human fetus. II. Modifications observed during labor. Luz NP. **Acta Obstet Gynecol Scand** 1985;64(3):213–22

Electronic fetal monitoring: physician liability and informed consent. Gilfix MG. **Am J Law Med** 1984 Spring; 10(1):31–90 (239 ref.)

Nonstressed antepartum cardiotocography in patients undergoing elective cesarean section—fetal outcome. Chew FT, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):318–21

The Dublin randomized controlled trial of intrapartum fetal heart rate monitoring. MacDonald D, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):524–39

Preeclampsia and fetal heart rate decelerations [letter] Mazor M, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):115–6

Continuous, noninvasive measurement of fetal oxygen and carbon dioxide levels in labor by use of mass spectrometry. Sykes GS, et al. **Am J Obstet Gynecol** 1984 Dec 1; 150(7):847–58

Intrapartum fetal heart rate monitoring of the extremely premature fetus. Vintzileos AM, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):744–5

Trends in continuous metabolic monitoring during experimental fetal distress. Abitbol MM, et al. **Am J Perinatol** 1984 Jul;1(4):293–7

Fetal responses to vibrotactile stimulation, a possible predictor of fetal and neonatal outcome. Leader LR, et al. **Aust NZ J Obstet Gynaecol** 1984 Nov;24(4):251–6

Antenatal cardiotocography in the evaluation of fetal well-being. Visser GH. **Aust NZ J Obstet Gynaecol** 1984 May;24(2):80–5

Improvements in the registration and analysis of fetal heart rate records at the bedside. Dawes GS, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):317–25

Correlation of the interpretation of fetal heart rate records with cord plasma erythropoietin levels. Widness JA, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):326–32

Reliability of cardiotocography in predicting baby's condition at birth. Curzen P, et al. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1345–7

Misinterpretation of fetal heart rate monitoring in case of intrauterine death. Achiron R, et al. **Clin Exp Obstet Gynecol** 1984;11(4):126–9

Maternal attitudes to fetal monitoring. Hansen PK, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jul;20(1):43–51

Correlation between transcutaneous pCO2 and the corresponding values of fetal blood—a study at a measuring temperature of 39 degrees C. Schmidt S, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Aug;17(6):387–95

Psychological effects of cardiotocographic and ultrasonographic examinations in pregnancy and labour on the mother. Part I. The significance of cardiotocographic and ultrasonographic examinations for the development of maternal bonding. Sioda T. **Ginekol Pol** 1984 Sep; 55(9):653–60

Psychological effects of cardiotocographic and ultrasonographic examinations in pregnancy and labour on the mother. Part II. The influence of cardiotocographic and ultrasonographic examinations on the maternal emotions of reassurance and pleasure. Sioda T, et al. **Ginekol Pol** 1984 Sep;55(9):661–7

Continuous twenty-four hour recording of the fetal cardiac rhythm during normal pregnancies. Lecoutour X, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):385–8

False reactive nonstress tests in postterm pregnancies. Vantanasiri C, et al. **J Med Assoc Thai** 1985 May; 68(5):266–8

Contraction stress testing with nipple stimulation. Copel JA, et al. **J Reprod Med** 1985 Jun;30(6):465–71

Identification of nuchal cords during nonstress testing. Simmons JN, et al. **J Reprod Med** 1985 Feb;30(2):97–100

Observations on perinatal heart rate monitoring. II. Quantitative unreliability of Doppler fetal heart rate variability. Suidan JS, et al. **J Reprod Med** 1985 Jul; 30(7):519–22

Technology! Good News—bad news. Avery JK. **J Tenn Med Assoc** 1984 Dec;77(12):716, 720

Changes in the umbilical venous blood flow of human fetus in labor. Murakami M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May; 37(5):776–82

The significance of nonstress test from 24 to 42 weeks' gestation. Sato A, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Dec; 36(12):2634–40

The fetal heart rate W-sign [letter] **Obstet Gynecol** 1985 Feb; 65(2):298–9

Supine position in labor and associated fetal heart rate changes. Abitbol MM. **Obstet Gynecol** 1985 Apr; 65(4):481–6

Stillbirth after nonstress testing. Barss VA, et al. **Obstet Gynecol** 1985 Apr;65(4):541–4

Correlation of ominous fetal heart rate patterns and brain-specific creatine kinase. Feldman RC, et al. **Obstet Gynecol** 1985 Apr;65(4):476–80

Antepartum nonstress test and the postmature pregnancy. Fleischer A, et al. **Obstet Gynecol** 1985 Jul;66(1):80–3

Hypothesis relating catecholamine release to changes in electrode pH during fetal scalp monitoring [letter] Kost GJ. **Obstet Gynecol** 1984 Oct;64(4):597–8

Premature rupture of membranes. Spinnato JA. **Obstet Gynecol** 1985 Jan;65(1):153–4

The association between electronic fetal monitoring and cesarean section rate in a private community hospital. Kirkhope TG, et al. **Ohio State Med J** 1984 Oct; 80(10):750–2

Sinusoidal fetal heart rate pattern associated with congenital hydrocephalus. A report of 2 cases. Ombelet W, et al. **S Afr Med J** 1985 Mar 16;67(11):423–5

[Monitoring changes in the reactivity of the premature fetus during tocolysis with the beta-adrenomimetics Partusisten and Pre-par] Ivanov S, et al. **Akush Ginekol (Sofiia)** 1985; 24(2):34–6 (Eng. Abstr.) (Bul)

[Clinical thinking in modern obstetrics. III. Ultrasound and monitoring aspects] Katsulov A. **Akush Ginekol (Sofiia)** 1985;24(3):6–12 (Bul)

[Clinical thinking in modern obstetrics. II. The hormonal and cardiotocographic aspects] Katsurov A. **Akush Ginekol (Sofiia)** 1985;24(2):1–8 (51 ref.) (Bul)

[The significance of acceleration in the intrapartum cardiotocogram] Horská S, et al. **Cesk Gynekol** 1985 Jul; 50(6):395–401 (Eng. Abstr.) (Cze)

[Problems of intrapartum cardiotokographic scoring systems] Horská S, et al. **Cesk Gynekol** 1984 Sep;49(8):543–7 (Eng. Abstr.) (Cze)

[Effectiveness of the modified intrapartum CTG James score. II. Prospective study] Stembera Z. **Cesk Gynekol** 1984 Sep; 49(8):535–42 (Eng. Abstr.) (Cze)

[Effectiveness of the modified intrapartum CTG James score. I. Retrospective study] Stembera Z. **Cesk Gynekol** 1984 Sep;49(8):529–34 (Cze)

[The value of routine cardiotocography during induced labor] Lenstrup C, et al. **Ugeskr Laeger** 1984 Sep 24; 146(39):2948–50 (Eng. Abstr.) (Dan)

[Diagnostic evaluation of fetal distress during pregnancy by a sound stimulation test] Querleu D, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(7):789–96 (Eng. Abstr.) (Fre)

[Management of premature birth] Dreher E. **Gynakol Rundsch** 1984;24 Suppl 1:116–21 (Ger)

[Supplementation of antenatal cardiotocography (nonstress test) by nipple self stimulation] Csapó Z, et al. **Zentralbl Gynakol** 1985;107(11):670–9 (Eng. Abstr.) (Ger)

[Cardiotocography practice. Case 8] Heinrich J. **Zentralbl Gynakol** 1985;107(9):580–1 (Ger)

[Cardiotocography practice. Case 7] Heinrich J. **Zentralbl Gynakol** 1985;107(8):515–6 (Ger)

[Cardiotocography—practice. Case 9] Nieder J. **Zentralbl Gynakol** 1985;107(11):714–6 (Ger)

[PQ interval and pre-excitation syndrome in direct fetal electrocardiogram—fetal Lown-Ganong-Levine (LGL) syndrome] Wunderlich M. **Zentralbl Gynakol** 1985; 107(11):697–9 (Eng. Abstr.) (Ger)

[Assessment of fetal movements in the prevention of intrauterine fetal death] Sadovsky E, et al. **Harefuah** 1985 May 1;108(9):425–8 (Eng. Abstr.) (Heb)

[Usefulness of a correct monitoring of prolonged pregnancies] Grio R, et al. **Minerva Ginecol** 1985 May; 37(5):209–11 (Eng. Abstr.) (Ita)

[Effect of cardiotocographic fetal monitoring on the type and frequency of obstetrical operations] Higier J, et al. **Ginekol Pol** 1985 Jan;56(1):29–32 (Eng. Abstr.) (Pol)

[Cardiomonitoring in the evaluation of fetal condition in threatened abortion in the second and third trimesters] Khokhlova ID. **Akush Ginekol (Mosk)** 1984 Oct;(10):35–8 (Eng. Abstr.) (Rus)

[Intensive monitoring of the fetus during pregnancy and labor] Jovanović R. **Srp Arh Celok Lek** 1984 Jan; 112(1):91–8 (Eng. Abstr.) (Scr)

[Value of monitoring the antepartum fetal heart rate] Lozano de la Garza JG, et al. **Ginecol Obstet Mex** 1982 Dec; 50(308):329–32 (Eng. Abstr.) (Spa)

[The non-stress test. A test without stimulus for determining fetal well-being] Vazquez Zárate VM, et al. **Ginecol Obstet Mex** 1983 Aug;51(316):213–6 (Eng. Abstr.) (Spa)

[Nonstress monitoring in high-risk pregnancy] Díaz L, et al. **Rev Chil Obstet Ginecol** 1981;46(6):291–300 (Eng. Abstr.) (Spa)

[Identification of the high-risk fetus: basal electronic monitoring of the heart rate of the fetus and the maternal urinary estriol curve] Donoso E, et al. **Rev Chil Obstet Ginecol** 1983;48(6):432–41 (Eng. Abstr.) (Spa)

[Intrahepatic cholestasis of pregnancy, serum bile acids, and electronic monitoring of the fetus] Lisoni M, et al. **Rev Chil Obstet Ginecol** 1983;48(5):366–71 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

Scalp changes after fetal monitoring. Ashkenazi S, et al. **Arch Dis Child** 1985 Mar;60(3):267–9

[Scalp infection caused by B–streptococci in a newborn infant following internal cardiotocography] Handrick W, et al. **Zentralbl Gynakol** 1984;106(23):1544–6 (Eng. Abstr.) (Ger)

INSTRUMENTATION

pH measurement from the fetus during labor—a task for the midwife? Löfgren O. **Acta Obstet Gynecol Scand** 1984; 63(8):703–6

Autocorrelation techniques in fetal monitoring. Divon MY, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):2–6

A device for continuously measuring rotation of the fetal head [letter] Morgenstern J, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):798

New multipronged fetal scalp electrode: a preliminary report. Sachs BP, et al. **Obstet Gynecol** 1985 Sep;66(3):434–5

[Initial clinical experience with the BMT 9141 cardiotocograph] Piños I, et al. **Cesk Gynekol** 1984 Aug; 49(7):494–6 (Cze)

[Evaluation of disposable and re–usable scalp electrodes] Andreasen E, et al. **Ugeskr Laeger** 1984 Oct 8; 146(41):3124–6 (Eng. Abstr.) (Dan)

[Simultaneous registration of fetal cardiac rhythm of twins during labor] Uzan S, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(7):785–7 (Eng. Abstr.) (Fre)

[A methodological solution for perinatal instrumental monitoring] Scharner W, et al. **Z Arztl Fortbild (Jena)** 1984; 78(16):681–4 (Ger)

[Comparison of transcutaneous oxygen pressure measurement with computer automatic CTG analysis sub partu] Eichhorn KH, et al. **Z Geburtshilfe Perinatol** 1985 Mar–Apr;189(2):69–72 (Eng. Abstr.) (Ger)

METHODS

Predictive value of antepartum non–stress test in multiple pregnancies. Lenstrup C. **Acta Obstet Gynecol Scand** 1984; 63(7):597–601

Clinical sequelae of the extended nonstress test. Devoe LD, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1074–8

Fetal assessment based on fetal biophysical profile scoring: experience in 12,620 referred high–risk pregnancies. I. Perinatal mortality by frequency and etiology. Manning FA, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):343–50

Telephone transmission of fetal monitor data. Giacoia GP, et al. **Am J Perinatol** 1985 Jan;2(1):11–3

Foetal bradycardia diagnosis display using intrinsic dimensions. Hernández C, et al. **Australas Phys Eng Sci Med** 1984 Jul–Sep;7(3):108–11

Continuous acid–base assessment of the human fetus during labour by tissue pH and transcutaneous carbon dioxide monitoring. Nickelsen C, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):220–5

Fetal transcutaneous carbon dioxide tension during the second stage of labour. Thomsen SG, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1103–6

Reliability of cardiotocography in predicting baby's condition at birth [letter] **Br Med J [Clin Res]** 1985 Jan 12;290(6462):160

A semi–automated and standardized method of determining the lamellar body content of amniotic fluid. Gebhardt DO, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Mar; 19(3):145–50

The efficacy of early pregnancy monitoring with serial chorionic gonadotropin determinations and real–time sonography in an infertility population. Pittaway DE, et al. **Fertil Steril** 1985 Aug;44(2):190–4

Maternity care monitoring: a strategy to assess perinatal performance. Chaturachinda K, et al. **J Med Assoc Thai** 1984 Oct;67 Suppl 2:105–9

Pulse wave recording—development of a method for investigating foetal circulation in utero. Sindberg Eriksen P, et al. **J Med Eng Technol** 1985 Jan–Feb;9(1):18–27

Project on perinatal monitoring. Symposium on new methods in perinatology. May 7th–8th 1984. Copenhagen, Denmark. Summaries of presented papers and panel discussions. **J Perinat Med** 1984;12(5):223–83

Reliability of transcutaneous measurement of oxygen and carbon dioxide partial pressure with a combined Po2–Pco2 electrochemical sensor in the fetus during labor. Schmidt S, et al. **J Perinat Med** 1985;13(3):127–33

Multichannel automatic foetal movement monitoring and classification system. Florentin I, et al. **Med Biol Eng Comput** 1985 Mar;23(2):178–86

Studies on a new technique of simultaneous FHR recordings on single chart in twin pregnancy. Kigawa J, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul;37(7):1244–6

Use of breast stimulation for antepartum stress testing. Capeless EL, et al. **Obstet Gynecol** 1984 Nov;64(5):641–5

Intrauterine fetal death in twins after 32 weeks of gestation. Knuppel RA, et al. **Obstet Gynecol** 1985 Feb;65(2):172–5

Continuing role of the nonstress test in the management of postdates pregnancy. Phelan JP, et al. **Obstet Gynecol** 1984 Nov;64(5):624–8

Estriol versus nonstress testing [letter] Sheriff DS. **Obstet Gynecol** 1985 Sep;66(3):448

[Symphysis/fundus measurements. A study of the method] Isager–Sally L, et al. **Ugeskr Laeger** 1985 Feb 11; 147(7):609–11 (Eng. Abstr.) (Dan)

[Monitoring fetal movements using the Doppler–Fizeau effect with a new apparatus: the Tococinon] Colette C, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984; 13(4):409–17 (Eng. Abstr.) (Fre)

[FBA and/or CTG: fetal blood analysis and/or cardiotocography] Hammacher K. **Geburtshilfe Frauenheilkd** 1984 Sep;44(9):608–10 (Eng. Abstr.) (Ger)

[Lowering the cesarean section rate by exclusion of cardiotocographically suspected acidosis using fetal blood gas analysis] Köppel R, et al. **Geburtshilfe Frauenheilkd** 1984 Sep;44(9):573–5 (Eng. Abstr.) (Ger)

[Fetal monitoring sub partu in West Germany. I. Basic data] Roemer VM, et al. **Geburtshilfe Frauenheilkd** 1985 Mar; 45(3):147–52 (Eng. Abstr.) (Ger)

[Cardiotocography with or without fetal blood analysis] Saling E. **Geburtshilfe Frauenheilkd** 1985 Mar;45(3):190–3 (Eng. Abstr.) (Ger)

[Hyperreactive uterine contraction detected in the cardiotocogram as an early sign of symptom–free abruptio placentae] Herrmann U Jr, et al. **Gynakol Rundsch** 1984; 24(4):210–4 (Ger)

[Biophysical and biochemical fetal monitoring] Richter R. **Gynakol Rundsch** 1984;24 Suppl 1:102–7 (Ger)

[Interpretation of the fetal heart rate in pregnancy and labor] Künzel W, et al. **Gynakologe** 1984 Dec;17(4):255–64 (Ger)

[Biometry of the large bones of fetal extremities in the 3d trimester] Merz E, et al. **Ultraschall Med** 1984 Aug; 5(4):136–43 (Eng. Abstr.) (Ger)

[Diagnosis, pregnancy monitoring and labor induction in multiple pregnancy] Bollmann R, et al. **Z Arztl Fortbild (Jena)** 1984;78(22):943–7 (Ger)

[Fetal echocardiography—possibilities and limits] Heublein B, et al. **Z Kardiol** 1984 Jul;73(7):466–71 (Eng. Abstr.) (Ger)

[Cardiotocography practice 6] Bellée H. **Zentralbl Gynakol** 1984;106(10):700–1 (Ger)

[Compatible receiver insert for telemetric monitoring of labor] Retzke F, et al. **Zentralbl Gynakol** 1985; 107(11):710–1 (Eng. Abstr.) (Ger)

[Recent advances in the diagnosis of fetal heart rate and the detection of fetal movement] Maeda K. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun; 37(6):1036–41 (Jpn)

[Ultrasound diagnosis in obstetrics] Kobayashi M. **Rinsho Hoshasen** 1984 Oct;29(11 Suppl):1305–13 (Jpn)

[Suggestions with regard to the management of twin pregnancies and labor] Cekański A, et al. **Ginekol Pol** 1985 Jan;56(1):41–4 (Eng. Abstr.) (Pol)

[An on–line computer system for analyzing cardiotocograms] Moczko J, et al. **Ginekol Pol** 1984 Aug;55(8):611–5 (Eng. Abstr.) (Pol)

[Usefulness of an enzymatic method of determining placental lactogen and estriol in the serum and cardiotocographic recording in monitoring high–risk pregnancy] Pisarek–Miedzińska D, et al. **Ginekol Pol** 1984 Aug; 55(8):583–94 (Eng. Abstr.) (Pol)

[Clinical examination of fetal vitality (letter)] Nobile L, et al. **Rev Paul Med** 1985 Jan–Feb;103(1):48 (Por)

[Activities of the consultation department for prenatal diagnosis] Rymashevskii NV, et al. **Akush Ginekol (Mosk)** 1985 May;(5):62–3 (Rus)

[Characteristics of the frequency spectrum of the fetal electrocardiogram] Eisenberg de Smoler P, et al. **Ginecol Obstet Mex** 1984 Oct;52(330):241–6 (Eng. Abstr.) (Spa)

[Evaluation of cord compression in normal–risk pregnancies using ultrasonography and cardiotocography] Guzmán Sánchez A, et al. **Ginecol Obstet Mex** 1984 Mar; 52(323):77–9 (Eng. Abstr.) (Spa)

[Clinical validation of antepartum cardiotocographic tests] López Garciá R, et al. **Ginecol Obstet Mex** 1983 May; 51(313):121–30 (Eng. Abstr.) (Spa)

[Evidence of biorhythmic organization of the fetal heart rate. Technic of prolonged electrocardiographic recording] Ugartechea JC, et al. **Ginecol Obstet Mex** 1984 Apr; 52(324):81–8 (Eng. Abstr.) (Spa)

STANDARDS

[Evaluation of biochemical tests during pregnancy] Takagi S. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Sep; 36(9):1405–6 (Jpn)

UTILIZATION

Factors involved in the interpretation of fetal monitor tracings. Helfand M, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):737–44

FETAL MOVEMENT

Circadian rhythm of fetal movements. Ehrström C. **Acta Obstet Gynecol Scand** 1984;63(6):539–41

Breast stimulation test in fetal surveillance. Erkkola R, et al. **Acta Obstet Gynecol Scand** 1984;63(8):719–22

Sibs with the fetal akinesia sequence, fetal edema, and malformations: a new syndrome? Toriello HV, et al. **Am J Med Genet** 1985 Jun;21(2):271–7

Effects of hypoxemic events on breathing, body movements, and heart rate variation: a study in growth–retarded human fetuses. Bekedam DJ, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):52–6

Fetal heart rate accelerations and fetal movements in twin pregnancies. Ohel G, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):686–7

Increased fetal activity with low maternal blood glucose levels in pregnancies complicated by diabetes. Holden KP, et al. **Am J Perinatol** 1984 Jan;1(2):161–4

Fetal movement—its use for fetal assessment. Laband S, et al. **Ariz Med** 1985 Jun;42(6):365–6

Fetal motor activity in breech presentation. Luterkort M, et al. **Early Hum Dev** 1985 Jan;10(3–4):193–200

The applicability of the daily fetal movement count (DFMC) as a monitor for fetal well–being in the Nigerian women. Onefo N. **East Afr Med J** 1984 May;61(5):406–11

Absence of fetal movements and normal infants. Biale Y, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Mar; 19(3):133–6

Severe neonatal anemia possibly caused by spontaneous cephalic version, with excellent outcome—a case report. Franckx J, et al. **J Perinat Med** 1984;12(3):147–50

Maternal perception of fetal movements and real–time ultrasound findings. Schmidt W, et al. **J Perinat Med** 1984; 12(6):313–8

Multichannel automatic foetal movement monitoring and classification system. Florentin I, et al. **Med Biol Eng Comput** 1985 Mar;23(2):178–86

[Ultrasonic research on fetal motor activity] Rachev E. **Akush Ginekol (Sofiia)** 1985;24(3):71–6 (27 ref.) (Bul)

[Changes in the position of the fetus during a risk pregnancy] Fuchs V, et al. **Cesk Gynekol** 1984 Dec;49(10):703–7 (Eng. Abstr.) (Cze)

[Monitoring fetal movements using the Doppler–Fizeau effect with a new apparatus: the Tococinon] Colette C, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984; 13(4):409–17 (Eng. Abstr.) (Fre)

[Assessment of fetal movements in the prevention of intrauterine fetal death] Sadovsky E, et al. **Harefuah** 1985 May 1;108(9):425–8 (Eng. Abstr.) (Heb)

[Quantitative studies on maternal perception of fetal movement with two ultrasonic real–time scanners] Hara K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1907–12 (Eng. Abstr.) (Jpn)

[Evaluation of fetal movements with ultrasonic Doppler fetal actograph] Ohta M. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):73–82 (Eng. Abstr.) (Jpn)

[Fetal movements and uterine contractions in the third trimester of pregnancy. III. Prenatal cardiotocography] Stanek J, et al. **Ginekol Pol** 1984 Dec;55(12):901–9 (Eng. Abstr.) (Pol)

[Prognosis of fetal status in a complicated course of pregnancy: the possibilities of cardiotocography and of assessing fetal respiratory activity] Voronin KV, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):36–8 (Eng. Abstr.) (Rus)

DRUG EFFECTS

Curarisation of fetus for intrauterine procedures [letter] de Crespigny LC, et al. **Lancet** 1985 May 18;1(8438):1164

FETAL ORGAN MATURITY

What affects fetal pulmonary maturation during diabetic pregnancy? Ferroni KM, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):270–4

Observations of fetal lung reflectivity using real–time ultrasound. Reeves GS, et al. **Aust NZ J Obstet Gynaecol** 1984 May;24(2):91–4

New morphological ultrasonic assessment of fetal maturity and well–being allowing for the production of a scoring system. Picker RH, et al. **Australas Radiol** 1984 Aug; 28(3):267–71

Fetal maturation in strictly controlled diabetic pregnancy. Tydén O, et al. **Diabetes Res** 1984 Sep;1(3):131–4

Amniotic fluid OD 650 as a rapid indicator of fetal pulmonary maturity. Matile G, et al. **J Reprod Med** 1985 Mar; 30(3):192–4

Determination of amniotic fluid microviscosity at body temperature: a predictor of fetal lung maturity. Barkai G, et al. **Obstet Gynecol** 1985 Apr;65(4):573–9

Ultrasound screening for free–floating particles and fetal lung maturity. Mullin TJ, et al. **Obstet Gynecol** 1985 Jul; 66(1):50–4

The fetal adrenal gland: definitive cortex cystic change, lipid patterns, and their relationship to fetal disease and maturity. Delprado WJ, et al. **Pathology** 1984 Jul;16(3):312–7

Prediction of fetal lung maturity with ultrasound. Carson PL, et al. **Radiology** 1985 May;155(2):533

Prediction of fetal lung maturity: inaccuracy of study using conventional ultrasound instruments. Cayea PD, et al.

Radiology 1985 May;155(2):473–5

Ultrasound prediction of fetal lung maturity. Hadlock FP, et al. **Radiology** 1985 May;155(2):469–72

Amniotic fluid creatinine for prediction of fetal maturity. Yang HM, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Nov;83(11):1120–7

[The value of ultrasonography in the study of neurologic maturation] Awoust J, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(3):224–8 (Fre)

[The value of ultrasound in feto-placental maturation] Bastide A, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(3):242–5 (Fre)

[Maturation of the fetal brain. Echoanatomy: normal development, limits and value of pathology] Droullé P, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(3):228–36 (Fre)

[Changes in the intensity of ultrasound echography in the fetal lung in the last trimester as a possible indication of lung maturity] Fendel H, et al. **Z Geburtshilfe Perinatol** 1984 Nov–Dec;188(6):269–71 (Eng. Abstr.) (Ger)

[Relation between procoagulant activity and fetal lung maturity in amniotic fluid] Rath W, et al. **Z Geburtshilfe Perinatol** 1984 Sep–Oct;188(5):218–22 (Eng. Abstr.) (Ger)

[Evaluation of renal maturity in full-term and premature neonates] Lapis A. **Ann Acad Med Stetin** 1984;30:209–20 (Eng. Abstr.) (Pol)

DRUG EFFECTS

Stimulation of lung maturity: investigation of ambroxol in various animal models. von Seefeld H, et al. **Acta Physiol Hung** 1985;65(3):305–12

Use of beta-methasone in management of preterm gestation with premature rupture of membranes. Simpson GF, et al. **Obstet Gynecol** 1985 Aug;66(2):168–75

The effect of intra-amniotic injection of triiodothyronine on pulmonary maturity in lambs at 130 days gestation. Korda AR, et al. **Pediatr Res** 1984 Oct;18(10):932–5

Surfactant treatment and ventilation by high frequency oscillation in premature newborn rabbits: effect on survival, lung aeration, and bronchiolar epithelial lesions. Nilsson R, et al. **Pediatr Res** 1985 Jan;19(1):143–7

[Effect of intra-amnial thyroxine administration in the fetus] Dudenhausen JW. **Geburtshilfe Frauenheilkd** 1984 Dec;44(12):777–80 (Eng. Abstr.) (Ger)

[Effect of beta adrenergic drugs on phospholipid synthesis in the human fetal lung] Zsolnai B, et al. **Zentralbl Gynakol** 1984;106(23):1509–19 (Eng. Abstr.) (Ger)

FETAL PRESENTATION see **LABOR PRESENTATION**

FETAL PRESENTATION, BREECH see **BREECH PRESENTATION**

FETAL PROTEINS

ANALYSIS

Molecular characterization of fetal antigens on red blood cells of chickens, Japanese quail, and quail-chicken hybrids. Dietert RR, et al. **Biochem Genet** 1984 Oct;22(9–10):839–51

Detection of novel fetal polypeptides in human amniotic fluid using two-dimensional gel electrophoresis. Kronquist KE, et al. **Tumour Biol** 1984;5(1):15–31

[Tumor markers and radioimmunoassay] Ishii M. **Radioisotopes** 1984 Oct;33(10):725–35 (19 ref.) (Jpn)

[Localization of embryonic prealbumin-1 in the tissues of human malignant tumors] Vasil'ev MIu, et al. **Eksp Onkol** 1985;7(1):33–6 (Eng. Abstr.) (Rus)

BIOSYNTHESIS

Characterization of proteins produced in vitro by periattachment bovine conceptuses. Bartol FF, et al. **Biol Reprod** 1985 Apr;32(3):681–93

Protein synthesis in the gastrointestinal tissues of the ovine fetus. Schaefer AL, et al. **Growth** 1984 Autumn;48(3):309–20

[Ectopic production of hormones and embryonic proteins by stimulated human lymphocytes] Revskoi SIu, et al. **Dokl Akad Nauk SSSR** 1985;281(6):1503–5 (Rus)

GENETICS

Two novel arrangements of the human fetal globin genes: G gamma-G gamma and A gamma-A gamma. Powers PA, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):7023–34

IMMUNOLOGY

Effects of tumor status on the regulation of natural killer cell activity by tumor-associated fetal antigens. Hogan KT, et al. **J Biol Response Mod** 1985 Aug;4(4):353–7

Influence of genotypes at a non-MHC B lymphocyte alloantigen locus (Bu-1) on expression of Ia (B-L) antigen on chicken bursal lymphocytes. Fredericksen TL, et al. **J Immunol** 1985 Feb;134(2):754–6

ISOLATION & PURIFICATION

Two new fetal thymocyte antigens, FT-1 and FT-2. Kasai M, et al. **Immunol Rev** 1984 Dec;82:105–15 (24 ref.)

METABOLISM

Protein turnover in heart and diaphragm of rat fetus. Johnson JD, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):E781–5

Embryonic protein nutrition and teratogenesis. Lloyd JB, et al. **Biochem Soc Trans** 1985 Feb;13(1):82–3

[Features of the histotopography of proteins in human chorionic and placental tissues at different stages of normal and pathologic development] Brusilovskii AI, et al. **Arkh Anat Gistol Embriol** 1984 Nov;87(11):14–23 (Eng. Abstr.) (Rus)

FETAL RESORPTION see under **FETAL DEATH**

FETAL TRANSFUSION see **BLOOD TRANSFUSION, INTRAUTERINE**

FETAL VIABILITY

Co-existing hydatidiform mole with a live fetus [letter] Davies BR, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):901–2

Viability and the moral status of the fetus. Campbell AV. **Ciba Found Symp** 1985;115:228–43

Live-born infants of 24 to 28 weeks' gestation: survival and sequelae at two years of age. Kitchen WH, et al. **Ciba Found Symp** 1985;115:122–35

Aged gametes, adverse pregnancy outcomes and natural family planning. An epidemiologic review. Gray RH. **Contraception** 1984 Oct;30(4):297–309

Monitoring of postimplantation embryo viability following successful in vitro fertilization and embryo transfer by measurement of placental proteins. Sinosich MJ, et al. **Fertil Steril** 1985 Jul;44(1):70–4

[Clinical examination of fetal vitality (letter)] Nobile L, et al. **Rev Paul Med** 1985 Jan–Feb;103(1):48 (Por)

FETISHISM (PSYCHIATRIC) see under **PARAPHILIAS**

FETOMATERNAL TRANSFUSION

COMPLICATIONS

Intrauterine atrial fibrillation associated with fetomaternal hemorrhage. Bacevice AE Jr, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):81–2

Severe neonatal anemia possibly caused by spontaneous cephalic version, with excellent outcome—a case report. Franckx J, et al. **J Perinat Med** 1984;12(3):147–50

Foeto-maternal transfusion. A case report. Chew SY, et al. **Singapore Med J** 1983 Dec;24(6):381–2

[A cause of neonatal hemorrhage: thrombopenia by platelet alloimmunization] Buisson G, et al. **Ann Pediatr (Paris)** 1985 Mar 25;32(3 Pt 2):271–4 (Eng. Abstr.) (Fre)

[Erythroblastosis in a live newborn infant with triploidy—a sequela of fetomaternal macrotransfusion?] Franek A, et al. **Klin Padiatr** 1984 Nov–Dec;196(6):394–7 (Eng. Abstr.) (Ger)

[Fetomaternal macrotransfusion with severe fetal anemia] Briese V, et al. **Zentralbl Gynakol** 1984;106(20):1387–91 (Eng. Abstr.) (Ger)

DIAGNOSIS

Prepartum diagnosis of traumatic fetal-maternal hemorrhage. O'Brien JA, et al. **Am J Perinatol** 1985 Jul;2(3):214–6

Acute feto-maternal transfusion—diagnostic considerations. Mor-Yosef S, et al. **Aust NZ J Obstet Gynaecol** 1984 Aug;24(3):219–22

Detection of fetomaternal haemorrhage by an immunofluorescence technique. McWilliam AC, et al. **J Clin Pathol** 1985 Aug;38(8):919–20

[Massive fetomaternal transfusion] Rosendahl H, et al. **Duodecim** 1984;100(20):1318–23 (Eng. Abstr.) (Fin)

THERAPY

[The immunoenzyme technic in the monitoring of plasmapheresis during feto-maternal immunization] Petitclerc C, et al. **Union Med Can** 1985 Mar;114(3):231–3 (Eng. Abstr.) (Fre)

FETOPLACENTAL FUNCTION TESTS see **PLACENTAL FUNCTION TESTS**

FETOSCOPY see under **PRENATAL DIAGNOSIS**

FETOTOXINS see **TERATOGENS**

FETUINS see **ALPHA FETOPROTEINS**

FETUS

see related
GESTATIONAL AGE
MATERNAL-FETAL EXCHANGE

Antepartum fetal heart rate testing. XII. The effect of manual manipulation of the fetus on the nonstress test. Druzin ML, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):61–4

Ultrasonic estimation of weight in the very low-birth weight fetus: a resident versus staff physician comparison. Tahilramaney MP, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):90–1

Triploidy and chromosomes. Uchida IA, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):65–9

Pulmonary endodermal tumor resembling fetal lung. Report of a case with immunohistochemical studies. Manning JT Jr, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):48–50

Biological exposure limits: the fetus and EEC politics [editorial] Zielhuis RL. **Br J Ind Med** 1985 Mar;42(3):145–6

Life support for 10 weeks with successful fetal outcome after fatal maternal brain damage. Heikkinen JE, et al. **Br Med J [Clin Res]** 1985 Apr 27;290(6477):1237–8

When does personhood begin? Donovan P. **Fam Plann Perspect** 1983 Jan–Feb;15(1):40–4

The fetus is a graft, both biologically and legally [editorial] Gleicher N. **Fertil Steril** 1984 Dec;42(6):824–5

The fetus is a graft, both biologically and legally [letter] Krüger R. **Fertil Steril** 1985 Aug;44(2):280

Fetal research: the question in the states. Baron CH. **Hastings Cent Rep** 1985 Apr;15(2):12–6

Fetal research: the state of the question. Fletcher JC, et al. **Hastings Cent Rep** 1985 Apr;15(2):6–12

Psychological changes over the course of pregnancy: a study of attitudes toward the fetus/neonate. Reading AE, et al. **Health Psychol** 1984;3(3):211–21

Effects of an overload of animal protein on the rat: brain DNA alterations and tissue morphological modifications during fetal and post-natal stage. Greco AM, et al. **Int J Vitam Nutr Res** 1985;55(1):107–12

Foetal psychology and the analytic process. Kay DL. **J Anal Psychol** 1984 Oct;29(4):317–36

Response of amputated rat limbs to fetal nerve tissue implants and direct current. Sisken BF, et al. **J Orthop Res** 1984;2(2):177–89

Foetal and maternal survey. Jumshyd FJ. **JPMA** 1984 Aug;34(8):249–50

Perinatal ethics: a practical method of analysis of obligations to mother and fetus. Chervenak FA, et al. **Obstet Gynecol** 1985 Sep;66(3):442–6

The fetus—law, ethics and experimentation [editorial] Bromberger B. **Pathology** 1985 Jan;17(1):1–3

Typing of human fetal organs for the histocompatibility antigens A, B and DR. Tuch BE, et al. **Pathology** 1985 Jan;17(1):57–61

Fetal lung hypoplasia associated with maternal smoking: a morphometric analysis. Collins MH, et al. **Pediatr Res** 1985 Apr;19(4):408–12

Fetus-in-fetu: report of a case. Yasuda Y, et al. **Teratology** 1985 Jun;31(3):337–44

[Echographic study of the embryonal and fetal hand] Serafini G, et al. **Ann Chir Main** 1985;4(1):71–4 (Eng. Abstr.) (Fre)

[Determination of fetal karyotype in the first trimester of pregnancy by direct examination of chorionic villi] Flori E, et al. **J Genet Hum** 1985 Jun;33(2):167–9 (Eng. Abstr.) (Fre)

[Ultrasonographic evaluation of fetal mass for prognosis of the method of termination of labor] Spaczyński M, et al. **Ginekol Pol** 1985 Jan;56(1):45–7 (Eng. Abstr.) (Pol)

[Abdominal pregnancy. Report of a case of 18 years' duration] Trejo Ramírez CA, et al. **Ginecol Obstet Mex** 1984 Apr;52(324):105–9 (Eng. Abstr.) (Spa)

ANALYSIS

Acetaldehyde and alcohol levels in pregnant rats and their fetuses. Guerri C, et al. **Alcohol** 1985 Mar–Apr;2(2):267–70

Effect of oral cadmium administration to female rats during pregnancy on zinc, copper, and iron content in placenta, foetal liver, kidney, intestine, and brain. Sowa B, et al. **Arch Toxicol** 1985 Feb;56(4):256–62

LDL receptors in bovine tissues assayed as the heparin-sensitive binding of 125I-labeled LDL in homogenates: relation between liver LDL receptors and serum cholesterol in the fetus and post term. Rudling MJ, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):96–104

Adrenocorticotrophic hormone in the anterior and neurointermediate lobes of the rat during the perinatal period: polymorphism, biological and immunological activities of ACTH. Chatelain A, et al. **Biol Neonate** 1985;47(4):235–48

Homology between rat liver RNA populations during development, regeneration, and neoplasia. Petropoulos CJ, et al. **Cancer Res** 1985 Oct;45(10):5114–21

Identification of phorbol ester binding activity in the particulate and soluble fractions of human fetal tissues. Deilhaug T, et al. **Carcinogenesis** 1985 Jan;6(1):127–30

Proteins in the amniotic and allantoic fluids of fetal pigs. McKenna P. **Comp Biochem Physiol [B]** 1984;78(3):663–7

Vitamin B6 supplementation during pregnancy and the vitamin-B6-status of the reproductive product. Reithmayer F, et al. **Int J Vitam Nutr Res** 1984;54(2–3):270–1

Normal organic and inorganic mercury levels in the human feto-placental system. Suzuki T, et al. **J Appl Toxicol** 1984 Oct;4(5):249–52

Calcium and magnesium content in fetuses at risk and prenecrotic Duchenne muscular dystrophy. Bertorini TE, et al. **Neurology** 1984 Nov;34(11):1436–40

Blood parameters and body composition in fetuses from reciprocal crosses of genetically lean and obese swine. Stone RT, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):191–5

Clinical evaluation of ketone bodies in body fluids of cows in late pregnancy and their fetuses. Hradecký P, et al. **Vet Res Commun** 1984 Aug;8(3):195–202

[Studies of fetal tissues: is it allowed?] Galjaard H.

Ned Tijdschr Geneeskd 1984 Dec 1;128(48):2276–7 (Eng. Abstr.) (Dut)

[Effect of varying vitamin B6 intake levels on the vitamin B6 status of fetuses and reproductive organs] Kirchgessner M, et al. **Ann Nutr Metab** 1985;29(3):138–46 (Eng. Abstr.) (Ger)

[Transplacental transfer of chemical substances in man] Postuch A, et al. **Bratisl Lek Listy** 1984 Jul;82(1):779–83 (Eng. Abstr.) (Slo)

ANATOMY & HISTOLOGY

Effect of maternal dietary fat on skeletal muscle cellularity and satellite cell content of the porcine fetus at 110 days of gestation. Campion DR, et al. **Acta Anat (Basel)** 1984; 120(3):170–2

Formation of tight and gap junctions in the inner enamel epithelium and preameloblasts in human fetal tooth germs. Sasaki T, et al. **Acta Anat (Basel)** 1985;121(4):223–9

Epithelial cell differentiation in organotypic cultures of fetal rat lung. Simpson LL, et al. **Am J Anat** 1985 Jan; 172(1):31–40

A comparison of sonographic estimation of fetal weight and obstetrically determined gestational age in the prediction of neonatal outcome for the very low-birth weight fetus. Chervenak FA, et al. **Am J Obstet Gynecol** 1985 May 1; 152(1):47–50

The elusive ellipse [letter] Christenson D, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):114–6

Estimation of fetal weight with the use of head, body, and femur measurements—a prospective study. Hadlock FP, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):333–7

The accuracy of estimated gestational age based on ultrasound measurement of biparietal diameter in preterm premature rupture of the membranes. O'Keeffe DF, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):309–12

A longitudinal study of fetal head biometry. Jeanty P, et al. **Am J Perinatol** 1984 Jan;1(2):118–28

The blood vessels of the cat girdle placenta. Observations on corrosion casts, scanning electron microscopical and histological studies. II. Fetal vasculature. Leiser R, et al. **Anat Embryol (Berl)** 1984;170(2):209–16

Asymmetry of the human skull during fetal growth. Trenouth MJ. **Anat Rec** 1985 Feb;211(2):205–12

Age determination of early human embryos and fetuses. Kellokumpu-Lehtinen P. **Ann Hum Biol** 1984 Nov–Dec; 11(6):567–70

Risk in the vaginal delivery of the large fetus. Jaschevatzky OE, et al. **Aust NZ J Obstet Gynaecol** 1984 Aug; 24(3):178–81

A comparison of the fetal femur length and biparietal diameter in predicting gestational age in the third trimester. Tse CH, et al. **Aust NZ J Obstet Gynaecol** 1984 Aug; 24(3):186–8

Fetal lateral ventricles in the second trimester. Kossoff G, et al. **Australas Radiol** 1984 Aug;28(3):201–7

Zinc concentration in amniotic fluid of zinc-deficient rats and its relation to fetal weight. Durá Travé T, et al. **Biol Neonate** 1985;47(4):230–4

Comparison of ultrasonic and direct biparietal diameter measurements and placental localization. Staisch KJ, et al. **Biol Res Pregnancy Perinatol** 1984;5(4):139–42

A comparative study of human placental and fetal liver catalase during development. Misra S, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Feb;19(2):81–8

Synaptic junctions in the inferior mesenteric ganglia of the human fetus. Bruska M, et al. **Folia Morphol** 1984; 43(3):175–84

The intervalvular intervals of the small saphenous veins in human fetuses. Glińska B. **Folia Morphol** 1984;43(3):223–6

Human venous duct (Arantii) during perinatal period. Gorczyca J, et al. **Folia Morphol** 1984;43(2):129–35

Proportions of hands in human fetuses. Miaśkiewicz C, et al. **Folia Morphol** 1984;43(4):315–20

Analysis of feet proportions in human fetuses. Miaśkiewicz C, et al. **Folia Morphol** 1984;43(4):375–9

The role of nutrient and periosteal blood vessels in the vascularization of the cortex of shafts of the long bones in human fetuses. Skawina A, et al. **Folia Morphol** 1984; 43(2):159–64

The venous sinuses of the dura mater of the posterior cranial fossa in human fetuses. Sokolowska-Pituchowa J, et al. **Folia Morphol** 1984;43(3):217–21

Relationship of glucose-6-phosphate dehydrogenase with structural development and growth of human foetal cornea. Sen A, et al. **Indian J Ophthalmol** 1984 Jan–Feb;32(1):13–5

Shape changes during human fetal craniofacial growth. Trenouth MJ. **J Anat** 1984 Dec;139 (Pt 4):639–51

Demonstration of the fetal cardiovascular system by MR imaging. McCarthy S, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1168–9

Influence of epidermal growth factor on the maturation of the fetal mouse duodenum in organ culture. Beaulieu JF, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):476–81

Growth of the fetal kidney. Ultrasonographic measurement of the ratio of average kidney diameter to biparietal diameter. Callan NA, et al. **J Reprod Med** 1985 Jun; 30(6):485–8

Artifacts seen commonly on ultrasonography of the fetal cranium. Schoenecker SA, et al. **J Reprod Med** 1985 Jul; 30(7):541–4

Evaluation of ultrasonic obstetrical parameters by hand-held calculator. Boucher M, et al. **J Ultrasound Med** 1985 Feb; 4(2):75–83

Ultrasound evaluation of the normal fetal upper airway and esophagus. Cooper C, et al. **J Ultrasound Med** 1985 Jul; 4(7):343–6

Computer-assisted evaluation of ultrasonic fetal weight prediction using multiple regression equations with and without the fetal femur length. Woo JS, et al. **J Ultrasound Med** 1985 Feb;4(2):65–7

Accuracy of conceptual age estimation from fetal crown-rump length. Selbing A, et al. **JCU** 1984 Jul–Aug; 12(6):343–6

Fetal femur length, neonatal crown-heel length, and screening for intrauterine growth retardation. Ott WJ. **Obstet Gynecol** 1985 Apr;65(4):460–4

Three fetal ponderal indexes in normal pregnancy. Vintzileos AM, et al. **Obstet Gynecol** 1985 Jun;65(6):807–11

The ultrasound femur length as a predictor of fetal length. Vintzileos AM, et al. **Obstet Gynecol** 1984 Dec; 64(6):779–82

Ultrasonic fetal weight prediction: role of head circumference and femur length. Weiner CP, et al. **Obstet Gynecol** 1985 Jun;65(6):812–7

Characteristic morphology of the constricted fetal ductus arteriosus following maternal administration of indomethacin. Momma K, et al. **Pediatr Res** 1985 May; 19(5):493–500

Normal fetal sacrum simulating spina bifida: 'pseudodysraphism'. Dennis MA, et al. **Radiology** 1985 Jun; 155(3):751–4

Obstetrical magnetic resonance imaging: fetal anatomy. McCarthy SM, et al. **Radiology** 1985 Feb;154(2):427–32

The fetal cisterna magna. Mahony BS, et al. **Radiology** 1984 Dec;153(3):773–6

[Microvascular casts of the mucous membrane of the tongue in the mature fetus by scanning electron microscopy] Yuan GQ. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar; 20(2):91–2 (Chi)

[Echo-anatomy of the portal and umbilical vessels in the fetus] Droullé P, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(3):222–4 (Fre)

[Value and indications for ultrasonographic determination of fetal sex] Levi S, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(5):521–6 (Eng. Abstr.) (Fre)

[Measurement of the biparietal diameter before and after external version of the fetus] Peretz BA, et al. **Rev Fr Gynecol Obstet** 1984 Nov;79(11):725–6 (Eng. Abstr.) (Fre)

[The value of current echographic parameters in fetal biometry] Sussmann M, et al. **Rev Fr Gynecol Obstet** 1985 May;80(6):415–22 (Eng. Abstr.) (Fre)

[Characteristics of the dorsal surface of the human fetal tongue seen with the scanning electron microscope] Tedde Piras A, et al. **Arch Ital Anat Embriol** 1985 Jan–Mar; 90(1):17–26 (Eng. Abstr.) (Ita)

[Evaluation of the clinical method of Johnson and Toshach for calculating fetal weight] Hernández Moreno MJ, et al. **Ginecol Obstet Mex** 1985 Mar;53(335):63–7 (Eng. Abstr.) (Spa)

[The fetal biophysical profile: preliminary results and critical evaluation] Rodríguez N, et al. **Rev Chil Obstet Ginecol** 1981;46(5):249–55 (Eng. Abstr.) (Spa)

BLOOD SUPPLY

Ritodrine infusion during late pregnancy: effects on fetal and placental blood flow, prostacyclin, and thromboxane. Jouppila P, et al. **Am J Obstet Gynecol** 1985 Apr 15; 151(8):1028–32

CYTOLOGY

Identification of Merkel cells in human skin by specific cytokeratin antibodies: changes of cell density and distribution in fetal and adult plantar epidermis. Moll R, et al. **Differentiation** 1984;28(2):136–54

Mitogenic actions of insulin on fetal and neonatal rat cells in vitro. Crace CJ, et al. **J Endocrinol** 1985 Jan;104(1):63–8

Long-term cultures of murine fetal liver retain very early B lymphoid phenotype. Denis KA, et al. **J Exp Med** 1984 Oct 1;160(4):1087–101

Human B cell development. II. Subpopulations in the human fetus. Bofill M, et al. **J Immunol** 1985 Mar;134(3):1531–8

Cartilage-staining technique for the examination of unskinned fetal rat specimens previously processed with alizarin red S. Boardman JP, et al. **Teratology** 1984 Dec;30(3):383–4

[Morphology of the subventricular layer of the cerebral hemispheres in newborn infants from the 23rd to the 40th week of intrauterine life] Dvořák K. **Cesk Patol** 1984 Nov; 20(4):197–214 (Eng. Abstr.) (Cze)

[Development of human fetal skin from the beginning of pregnancy to the 6th month. Light microscopy study] Tedde Piras A, et al. **Bull Assoc Anat (Nancy)** 1984 Mar; 68(200):71–6 (Eng. Abstr.) (Fre)

[Cultivation of chorionic cells in studying the fetal karyotype in the 1st trimester of pregnancy] Zolotukhina TV, et al. **Tsitol Genet** 1985 May–Jun;19(3):193–7 (Eng. Abstr.) (Rus)

DRUG EFFECTS

Pregnancy outcome and health conditions of offspring of self-poisoned pregnant women. Czeizel A, et al. **Acta Paediatr Hung** 1984;25(3):209–36

Maturation of the fetal lung III. Effect of transplacental TRH and 2'-thiourea treatment on phosphatidic acid phosphatase and pyruvate kinase activity in rat lung. Kerepesi T, et al. **Acta Paediatr Hung** 1984;25(3):255–61

The effect of fenoterol on fetal metabolism: cord blood studies. Kovács L, et al. **Acta Paediatr Hung** 1985; 26(1):41–7

Impaired maternal behaviour and altered central serotonergic activity in the adult offspring of chronically ethanol treated dams. Hård E, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 May;56(5):347–53

Effects of maternal ethanol consumption on the offspring sensory-motor development, ultrasonic vocalization, audiogenic immobility reaction and brain monoamine synthesis. Hård E, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 May;56(5):354–63

Exposure to chemical carcinogens during pregnancy: consequences for mother and conceptus. Rice JM. **Adv Exp Med Biol** 1984;176:13–49 (86 ref.)

Prenatal and developmental toxicology of arsenicals. Willhite CC, et al. **Adv Exp Med Biol** 1984;177:205–28 (72 ref.)

Ovine fetal urine production following maternal intravenous furosemide administration. Chamberlain PF, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):815–9

Fetal and neonatal effects of indomethacin used as a tocolytic agent. Dudley DK, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):181–4

Glucocorticoids and beta-adrenergic-receptor agonists: their combined effect on fetal rabbit lung surfactant. Ekelund L, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1063–7

Meclofenamate and prostaglandin E2 affect breathing movements independently of glucose concentrations in fetal sheep. Murai DT, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):758–64

Effects of maternal ethanol infusion on fetal cardiovascular and brain activity in lambs. Patrick J, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):859–67

Effects of ethanol on alcohol dehydrogenase and microsomal ethanol oxidative system activities in fetal mice. Salinas ME, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):541–5

Effect of deoxynivalenol (vomitoxin) on fertility, pregnancy, and postnatal development of Sprague-Dawley rats. Morrissey RE, et al. **Appl Environ Microbiol** 1985 May; 49(5):1062–6

Prenatal and postnatal development of rats following the maternal treatment with testosterone during the late period of embryogenesis. Fritz H, et al. **Arzneimittelforsch** 1984; 34(7):780–2

Perinatal exposure to methadone and the development of hepatic microsomal testosterone hydroxylation and methadone N-demethylation in the rat. Halperin-Walega ES, et al. **Biochem Pharmacol** 1985 May 1;34(9):1582–5

Effect of ritodrine on the maternal and fetal endocrine pancreas of the rat. Aerts L, et al. **Biol Neonate** 1985; 47(2):107–12

Modifications of the gonadal function in the adult rat after fetal exposure to spironolactone. Jaussan V, et al. **Biol Reprod** 1985 Jun;32(5):1051–61

Maternal azathioprine therapy and depressed haemopoiesis in the babies of renal allograft patients. Davison JM, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):233–9

Cimetidine in labour: absence of adverse effect on the high-risk fetus. McAuley DM, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):350–5

Effects of combinations of maternal agents on the fetal cerebrum in rat—ethanol or caffeine with X-irradiation in utero. Tanaka H, et al. **Brain Dev** 1985;7(1):10–20

Diaplacental carcinogenic effects of 5-azacytidine in NMRI-mice. Schmahl W, et al. **Cancer Lett** 1985 May; 27(1):81–90

Effects of cimetidine, nitrite, cimetidine plus nitrite, and nitrosocimetidine on tumors in mice following transplacental plus chronic lifetime exposure. Anderson LM, et al. **Cancer Res** 1985 Aug;45(8):3561–6

Lesions of the rete testis in mice exposed prenatally to diethylstilbestrol. Newbold RR, et al. **Cancer Res** 1985 Oct; 45(10):5145–50

Fetal mouse susceptibility to transplacental lung and liver carcinogenesis by 3-methylcholanthrene: positive correlation with responsiveness to inducers of aromatic hydrocarbon metabolism. Anderson LM, et al. **Carcinogenesis** 1985 Sep;6(9):1389–93

Benzo[a]pyrene-induced DNA damage in mouse fetal tissues. Bolognesi C, et al. **Carcinogenesis** 1985 Aug;6(8):1091–5

Blood pressure, salt taste and sodium excretion in rats exposed prenatally to high salt diet. Myers JB, et al. **Clin Exp Pharmacol Physiol** 1985 May–Jun;12(3):217–20

Pre-natal administration of diazepam improves radial maze learning in mice. Benton D, et al. **Comp Biochem Physiol** [C] 1985;80(2):273–5

Proceedings of the Fourth International Colloquium of Developmental Pharmacology. Paris, May 19–21, 1983. **Dev Pharmacol Ther** 1984;7 Suppl 1:1–222

Prenatal diethylstilbestrol exposure alters murine uterine responses to prepubertal estrogen stimulation. Maier DB, et al. **Endocrinology** 1985 May;116(5):1878–86

Toxicity and fetotoxicity of TCDD, TCDF and PCB isomers in rhesus macaques (Macaca mulatta). McNulty WP. **Environ Health Perspect** 1985 May;60:77–88 (35 ref.)

Constant rate exposure of pregnant hamsters to arsenate during early gestation. Ferm VH, et al. **Environ Res** 1985 Aug;37(2):425–32

Newborn response to cationic amphiphilic drugs. Kacew S, et al. **Fed Proc** 1985 Apr;44(7):2323–7

Effect of oral cadmium administration to female rats before and during pregnancy on the histoenzymatic activity in maternal and foetal kidneys. Steibert E, et al. **Folia Biol (Krakow)** 1984;32(4):331–40

Evaluation of the dose response and in utero exposure to saccharin in the rat. Schoenig GP, et al. **Food Chem Toxicol** 1985 Apr–May;23(4–5):475–90

Comments on 'intermittent drug administration during labor and protection of the fetus'. Bennett MJ. **IEEE Trans Biomed Eng** 1985 May;32(5):344–5

Antibiotics in pregnancy: toxicity and teratogenicity. Knothe H, et al. **Infection** 1985 Mar–Apr;13(2):49–51

Use of aspartame in pregnancy. Sturtevant FM. **Int J Fertil** 1985;30(1):85–7 (20 ref.)

Chromosomal aberrations and fetotoxic effects of atmospheric arsenic exposure in mice. Nagymajtényi L, et al. **J Appl Toxicol** 1985 Apr;5(2):61–3

Antagonism by growth hormone of insulin action in fetal sheep. Parkes MJ, et al. **J Endocrinol** 1985 Jun;105(3):379–82

Cortisol is natriuretic in the immature ovine fetus. Wintour EM, et al. **J Endocrinol** 1985 Aug;106(2):R13–5

Neonatal pancytopenia and severe combined immunodeficiency associated with antenatal administration of azathioprine and prednisone. DeWitte DB, et al. **J Pediatr** 1984 Oct;105(4):625–8

Fetal hydrocephalus and ear anomalies associated with maternal use of isotretinoin. Lott IT, et al. **J Pediatr** 1984 Oct;105(4):597–600

Placental transfer of metronidazole [letter] Amon I. **J Perinat Med** 1985;13(2):97–8

Side effects of indomethacin [letter] Nishijima M. **J Perinat Med** 1985;13(2):98–100

Central stimulation of breathing movements in fetal lambs by prostaglandin synthetase inhibitors. Koos BJ. **J Physiol (Lond)** 1985 May;362:455–66

Smoking and pregnancy. Abel EL. **J Psychoactive Drugs** 1984 Oct–Dec;16(4):327–38

The effect of estrogen on monoamine systems in the fetal rat brain. Kaylor WM Jr, et al. **J Reprod Med** 1984 Jul;29(7):489–92

Effects on the development of offspring of female mice exposed to platinum sulfate or sodium hexachloroplatinate during pregnancy or lactation. D'Agostino RB, et al. **J Toxicol Environ Health** 1984;13(4–6):879–91

Stunted growth, increased mortality, and liver tumors in offspring of polybrominated biphenyl (PBB) dosed sherman rats. Groce DF, et al. **J Toxicol Environ Health** 1984;14(5–6):695–706

Effect of simultaneous prenatal exposure to ochratoxin A and citrinin in the rat. Mayura K, et al. **J Toxicol Environ Health** 1984;13(4–6):553–61

Developmental toxicity of nine selected compounds following prenatal exposure in the mouse: naphthalene, p–nitrophenol, sodium selenite, dimethyl phthalate, ethylenethiourea, and four glycol ether derivatives. Plasterer MR, et al. **J Toxicol Environ Health** 1985;15(1):25–38

General reproduction, perinatal–postnatal, and teratology studies of nitrofurantoin macrocrystals in rats and rabbits. Prytherch JP, et al. **J Toxicol Environ Health** 1984;13(4–6):811–23

Different patterns of developmental toxicity in the rat following prenatal administration of structurally diverse chemicals. Simmons DL, et al. **J Toxicol Environ Health** 1984;14(2–3):121–36

Subnormal expression of cell–mediated and humoral immune responses in progeny disposed toward a high incidence of tumors after in utero exposure to benzo[a]pyrene. Urso P, et al. **J Toxicol Environ Health** 1984;14(4):569–84

Female pseudohermaphroditism due to maternal androgen administration: 25–year follow–up [letter] Reschini E, et al. **Lancet** 1985 May 25;1(8439):1226

Effects of drugs and chemicals on the fetus and newborn (1). Hill LM, et al. **Mayo Clin Proc** 1984 Oct;59(10):707–16 (104 ref.)

Effects of drugs and chemicals on the fetus and newborn (2). Hill LM, et al. **Mayo Clin Proc** 1984 Nov;59(11):755–65 (233 ref.)

Effects of prenatal exposure to cannabinoids. Abel EL. **Natl Inst Drug Abuse Res Monogr Ser** 1985;59:20–35

Effects of maternal narcotic vs. nonnarcotic addiction on neonatal neurobehavior and infant development. Chasnoff IJ. **Natl Inst Drug Abuse Res Monogr Ser** 1985;59:84–95

Postnatal consequences of maternal marijuana use. Fried PA. **Natl Inst Drug Abuse Res Monogr Ser** 1985;59:61–72

Prenatal opioid exposure and the problem of causal inference. Hutchings DE. **Natl Inst Drug Abuse Res Monogr Ser** 1985;59:6–19

Long–term effects of prenatal methadone maintenance. Rosen TS, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1985;59:73–83

Marijuana: prenatal and postnatal exposure in the human. Tennes K, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1985;59:48–60

Developmental consequences of maternal drug use during pregnancy. Zuckerman B. **Natl Inst Drug Abuse Res Monogr Ser** 1985;59:96–106

Perinatal psychoactive drug use: effects on gender, development, and function in offspring. Martin JC. **Nebr Symp Motiv** 1984;32:227–66 (97 ref.)

Influence of perinatal androgen on the sexually dimorphic distribution of tyrosine hydroxylase–immunoreactive cells and fibers in the anteroventral periventricular nucleus of the rat. Simerly RB, et al. **Neuroendocrinology** 1985 Jun;40(6):501–10

Fetal and neonatal effects of epidural anesthesia. Clark RB. **Obstet Gynecol Annu** 1985;14:240–52 (50 ref.)

Effect of magnesium sulfate on maternal and fetal hemodynamics and fetal brain function and metabolism. Ayromlooi J, et al. **Pediatr Pharmacol (New York)** 1982;2(4):305–15

The effects of diazoxide upon fetal and maternal hemodynamics and fetal brain function and metabolism. Ayromlooi J, et al. **Pediatr Pharmacol (New York)** 1982;2(4):293–304

Pulmonary antioxidant enzyme maturation in the fetal and neonatal rat. II. The influence of maternal iron supplements upon fetal lung catalase activity. Tanswell AK, et al. **Pediatr Res** 1984 Sep;18(9):871–4

The effects of betamimetics and glucocorticoids on fetal vascular prostacyclin and platelet thromboxane synthesis in humans. Mäkilä UM. **Prostaglandins Leukotrienes Med** 1984 Oct;16(1):11–7

Fetal toxicity of benzodiazepines in rats. Saito H, et al. **Res Commun Chem Pathol Pharmacol** 1984 Dec;46(3):437–47

Androgens and prenatal alcohol exposure. Sparber SB. **Science** 1985 Jul 12;229(4709):195–6

The effect of acute maternal toxicity on fetal development in the mouse. Kavlock RJ, et al. **Teratogenesis Carcinog Mutagen** 1985;5(1):3–13

The relationship between prenatal lethality or fetal weight and intrauterine position in rats exposed to diethylstilbestrol, zeranol, 3,4,3',4'–tetrachlorobiphenyl, or cadmium. Cornwall GA, et al. **Teratology** 1984 Dec;30(3):341–9

Threshold for carbon monoxide induced fetotoxicity. Singh J, et al. **Teratology** 1984 Oct;30(2):253–7

Electrocardiographic study of rat fetuses exposed to ethylene glycol monomethyl ether (EGME). Torasson M, et al. **Teratology** 1985 Aug;32(1):33–9

Cardiovascular birth defects and antenatal exposure to female sex hormones: a reevaluation of some base data. Wiseman RA, et al. **Teratology** 1984 Dec;30(3):359–70

Effect of ethinyl estradiol on the differentiation of mouse fetal testis. Yasuda Y, et al. **Teratology** 1985 Aug;32(1):113–8

Brain cholinergic, behavioral, and morphological development in rats exposed in utero to methylparathion. Gupta RC, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):405–13

Potentiation of the teratogenic effects and altered disposition of diphenylhydantoin in mice fed a purified diet. McClain RM, et al. **Toxicol Appl Pharmacol** 1985 Jan;77(1):86–93

Teratologic and postnatal evaluation of aniline hydrochloride in the Fischer 344 rat. Price CJ, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):465–78

The influence of maternal cadmium exposure or fetal cadmium injection on hepatic metallothionein concentrations in the fetal rat. Sasser LB, et al. **Toxicol Appl Pharmacol** 1985 Sep 15;80(2):299–307

The effect of prenatal chlordane exposure on specific anti–influenza cell–mediated immunity. Barnett JB, et al. **Toxicol Lett** 1985 Jun;25(3):229–38

Teratogenesis study of dioxane in rats. Giavini E, et al. **Toxicol Lett** 1985 Jul;26(1):85–8

Lack of severe malformations versus occurrence of marked embryotoxic effects after treatment of pregnant mice with cis–platinum. Köpf–Maier P, et al. **Toxicology** 1985 Mar 29;34(4):321–31

Teratogenic effects of Ochratoxin A in rats with impaired renal function. Mayura K, et al. **Toxicology** 1984 Sep 28;32(4):277–85

Developmental toxicology of retinylidene methyl nitrone in the golden hamster. Willhite CC, et al. **Toxicology** 1984 Dec;33(3–4):331–40

Cyclosporine–induced fetotoxicity in the rat. Mason RJ, et al. **Transplantation** 1985 Jan;39(1):9–12

[Comparative study of 2 new methods of anesthesia induction in cesarean section––their effect on maternal, fetal and neonatal parameters] Iordanov K, et al. **Akush Ginekol (Sofiia)** 1985;24(3):27–31 (Eng. Abstr.) (Bul)

[Anesthesia during labor via epidural analgesia. II. Its effect on the fetus and newborn infant] Smilov I, et al. **Akush Ginekol (Sofiia)** 1985;24(3):40–5 (Eng. Abstr.) (Bul)

[Effect of the organophosphate insecticide chloracetophon on skeletal ossification and the development of internal organs in white rat fetuses] Khadzhitodorova E, et al. **Eksp Med Morfol** 1984;23(4):201–5 (Eng. Abstr.) (Bul)

[Possible role of environmental factors in the development of congenital chromosomal aberrations] Kučerová M, et al. **Cesk Gynekol** 1985 Apr;50(3):183–7 (Eng. Abstr.) (Cze)

[Does diethylstilbestrol also affect the fetal ovaries? (letter)] **Ned Tijdschr Geneeskd** 1984 Nov 10;128(45):2150–2 (Dut)

[The effect of the beta 1–blocker metoprolol on cyclic 3',5'–adenosine monophosphate in various tissues during long–term tocolysis with fenoterol. Animal experiments on the question of the interactive effects of the principal and adverse effects of beta 2–mimetics with special regard to fetal cardioprotection] Wischnik A, et al. **Arzneimittelforsch** 1984;34(6):684–7 (Eng. Abstr.) (Ger)

[Antithyroid drug therapy in pregnancy. An indication for pregnancy interruption based on fetal indications?] Wiser J, et al. **Geburtshilfe Frauenheilkd** 1985 Jun;45(6):367–70 (Eng. Abstr.) (Ger)

[Pregnancy in a representative Swiss population (study of pregnancy and newborn infants in Aarau). 3. Diseases and drugs in pregnancy] Fricker HS, et al. **Schweiz Med Wochenschr** 1985 Mar 30;115(13):441–7 (Eng. Abstr.) (Ger)

[Effects of beta–adrenoceptor blockade on parturition and fetal cardiovascular and metabolic system] Chimura T. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May;37(5):691–5 (Eng. Abstr.) (Jpn)

[Effect on the fetus of various drugs used during pregnancy (experimental study)] Kukushkina IP, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):27–9 (Eng. Abstr.) (Rus)

[Transplacental effect of sodium nitrite on rat lung cells with their subsequent culture in the medium with precursors of N–nitrosodimethylamine] Osin'kovskaia ND, et al. **Eksp Onkol** 1985;7(2):22–5 (Eng. Abstr.) (Rus)

[Effect of sex steroids on the fetus in the perinatal period] Gladkova AI. **Farmakol Toksikol** 1984 Sep–Oct;47(5):121–6 (Rus)

[Hazards of drug use in the perinatal period] Marianovich A, et al. **Pediatriia** 1984 Dec;(12):49–52 (Rus)

ENZYMOLOGY

Purification and properties of cytochrome P–450 from homogenates of human fetal livers. Kitada M, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):275–80

Activity and isoenzyme patterns of glycolytic enzymes during perinatal development of rat lung. Rijksen G, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):114–21

5'–Nucleotidase activities in human fetus. Amano S, et al. **Biol Neonate** 1985;47(5):253–8

Characterization of cyclic adenosine 3':5'–monophosphate–dependent protein kinase isozymes in normal and neoplastic fetal rat brain cells. Ekanger R, et al. **Cancer Res** 1985 Jun;45(6):2578–83

Structural and immunological identity of rat hepatoma and fetal liver nuclear poly(A) polymerase. Stetler DA, et al. **Carcinogenesis** 1985 Feb;6(2):259–62

15–Hydroxyprostaglandin dehydrogenase activity in human fetal kidney tissue. Casey ML, et al. **Early Hum Dev** 1984 Sep;10(1–2):13–22

Multihormonal control of tyrosine aminotransferase activity in developing rat liver. Ruiz–Bravo N, et al. **Endocrinology** 1985 Jun;116(6):2489–96

The effect of mercuric acetate on selected enzymes of maternal and fetal hamsters at different gestational ages. Karp WB, et al. **Environ Res** 1985 Apr;36(2):351–8

Reciprocal regulation of ornithine decarboxylase and choline kinase activities by their respective reaction products in the developing rat cerebellar cortex. Gilad GM, et al. **J Neurochem** 1984 Dec;43(6):1538–43

Isolation of nuclear fractions from human fetal tissues. Ultrastructure and presence of epoxide hydrolase and aryl hydrocarbon hydroxylase. Pacifici GM, et al. **Pharmacology** 1985;30(4):188–96

Foetal and neonatal development of cytochrome P–450 and cytochrome P–448 catalysed mixed function oxidases in the rat: induction by 3–methylcholanthrene. Lum PY, et al. **Toxicology** 1985 Jun 28;35(4):307–17

[Enzyme activities in cultured fetal rat hepatocytes] Ideta N, et al. **Hokkaido Igaku Zasshi** 1985 Mar;60(2):252–6 (Eng. Abstr.) (Jpn)

IMMUNOLOGY

The fetus as an allograft: evidence for antiidiotypic antibodies induced by pregnancy. Singal DP, et al. **Am J Reprod Immunol** 1984 Dec;6(4):145–51

Local suppressor cells and the success or failure of the 'foetal allograft'. Clark DA. **Ann Immunol (Paris)** 1984 Nov–Dec;135D(3): 321–4

Speculations on the transplantation biology of the maternal/foetal interface. Gill TJ 3rd. **Ann Immunol (Paris)** 1984 Nov–Dec;135D(3): 307–9

The mechanism of survival of the fetal allograft. Rossant J. **Ann Immunol (Paris)** 1984 Nov–Dec;135D(3): 312–5

Suppression of xenogeneic local graft versus host reaction by rat fetal spleen cells. Skowron–Cendrzak A, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(4):443–6

Epithelial cell renewal and antibody transfer in the intestine of the foetal and neonatal lamb. Smeaton TC, et al. **Aust J Exp Biol Med Sci** 1985 Feb;63 (Pt 1):41–51

Distribution of blood group antigens A, B, H, Lewisa, and Lewisb in human normal, fetal, and malignant colonic tissue. Yuan M, et al. **Cancer Res** 1985 Sep;45(9):4499–511

Localization of mouse TEC–1,2,3 antigens in adult and fetal tissues in the rat and human. Bukovský A, et al. **Cell Differ** 1984 Dec;15(2–4):115–9

Detection of the common acute lymphoblastic leukaemia antigen (CALLA) on B cells from human fetal tissues. A multiple phenotypic characterization. Delia D, et al.

Clin Exp Immunol 1985 Feb;59(2):303–14

Fetal inflammatory response in second trimester candidal chorioamnionitis. Hood IC, et al. **Early Hum Dev** 1985 May;11(1):1–10

Potent immunosuppressive activity of guinea-pig chorionic gonadotrophin. Bambra CS. **East Afr Med J** 1984 May; 61(5):344–55

Ontogeny of immunoreactive insulin in the fetal bovine pancreas. D'Agostino J, et al. **Endocrinology** 1985 Mar; 116(3):1108–16

Are circulating beta-2-microglobulin levels a marker of feto-maternal histocompatibility? Bischof P, et al. **Gynakol Rundsch** 1984;24 Suppl 1:9–11

Immunohistochemistry of human fetus—Ig G, A and M cells in the thymus and spleen. Satow Y, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):625–32

Materno-fetal relations. Clark DA. **Immunol Lett** 1985; 9(5):239–47 (70 ref.)

Two new fetal thymocyte antigens, FT-1 and FT-2. Kasai M, et al. **Immunol Rev** 1984 Dec;82:105–15 (24 ref.)

Differential expression of HLA class II antigens on human fetal and adult lymphocytes and macrophages. Edwards JA, et al. **Immunology** 1985 Jul;55(3):489–500

Identification of bullous pemphigoid, pemphigus, laminin, and anchoring fibril antigens in human fetal skin. Lane AT, et al. **J Invest Dermatol** 1985 Jan;84(1):27–30

Maternal cell-mediated immunity to the fetus in human pregnancy. Sargent IL, et al. **J Reprod Immunol** 1985 Feb; 7(2):95–104 (66 ref.)

Maternal-fetal histocompatibility and sex ratio [letter] Kilpatrick DC, et al. **Lancet** 1985 Jun 1;1(8440):1270–1

Carcinoembryonic antigen in fetal eccrine glands: an immunohistochemical study. Penneys NS, et al. **Pediatr Dermatol** 1984 Apr;1(4):281–2

Lymphocyte blastogenesis in bluetongue virus or Mycobacterium bovis-inoculated bovine fetuses. MacLachlan NJ, et al. **Vet Immunol Immunopathol** 1984 Aug;7(1):11–8

[The immune system and tissue proliferation, fetal tolerance and tumor growth] Bukovský A, et al. **Cesk Gynekol** 1984 Sep;49(8):584–99 (57 ref.) (Cze)

[Natural killers—NK cells—in the fetus and neonate] Miler I. **Cesk Pediatr** 1985 Jun;40(6):350–1 (Eng. Abstr.) (Cze)

[Immunoregulatory aspects of placental function] Brami C. **Presse Med** 1985 Feb 23;14(8):479–83 (Eng. Abstr.) (Fre)

[Maternal-fetal alloimmunization in the Gm and InV system (inverse type of immunization in pregnancy)] Sušaković N, et al. **Bilt Hematol Transfuz** 1984;12(2):43–50 (Eng. Abstr.) (Ser)

METABOLISM

Metabolism and action of vitamin D in the fetus. Royer P. **Acta Paediatr Hung** 1984;25(1–2):161–3

Effect of sodium diethyldithiocarbamate on placental passage and foetal distribution of cadmium and mercury in mice. Jasim S, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Oct; 55(4):263–9

Quantity of DNA in the organs of 19-day-old foetuses after AET, MEA, or 5-HT treatment of mice on the first day of gestation. Mazur L. **Acta Physiol Hung** 1985;66(1):65–8

Metabolic and endocrine interrelations in the human fetus and neonate. Aynsley-Green A. **Am J Clin Nutr** 1985 Feb; 41(2 Suppl):399–417 (37 ref.)

Metabolism and disposition of ritodrine in a pregnant baboon. Borrisud M, et al. **Am J Obstet Gynecol** 1985 Aug 15; 152(8):1067–72

Cholesterol synthesis by human fetal hepatocytes: effect of lipoproteins. Carr BR, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):551–7

Relationship of fetal oxygen consumption and acid-base balance to fetal hematocrit. Edelstone DI, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):844–51

Maternal and fetal beta-endorphin release in response to the stress of labor and delivery. Kofinas GD, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):56–9

Disposition of meperidine and normeperidine following multiple doses during labor. II. Fetus and neonate. Kuhnert BR, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):410–5

3H-dopamine clearance from the intravascular compartment of the maternal and fetal rhesus monkey. Phillippe M, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):599–601

Calcium metabolism in pregnancy and the perinatal period: a review. Pitkin RM. **Am J Obstet Gynecol** 1985 Jan 1; 151(1):99–109 (135 ref.)

Chronic hyperinsulinemia in the fetal rhesus monkey: effects of physiologic hyperinsulinemia on fetal substrates, hormones, and hepatic enzymes. Susa JB, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):415–20

Circadian hormonal interactions among the mother, fetus, and amniotic fluid. Walsh SW, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):745–53

pp60c-src is expressed in human fetal and adult brain. Sorge JP, et al. **Am J Pathol** 1985 Apr;119(1):151–7

Effect of maternal intravenous infusions on fetal extracellular fluid composition in pregnant ewes. Golden SM, et al. **Am J Perinatol** 1985 Jul;2(3):189–93

Placental contribution to lactate production by the human fetoplacental unit. Suidan JS, et al. **Am J Perinatol** 1984 Jul;1(4):306–9

Insulin hypoglycemia, cerebral metabolism, and neural function in fetal lambs. Richardson BS, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):R72–7

Heavy metals in fluids and tissues of fetal calves and in young calves of nursing cows exposed or not exposed to anaerobically digested wastewater sludge. Fitzgerald PR, et al. **Am J Vet Res** 1985 Jan;46(1):165–8

The distribution of plasma proteins in the neocortex and early allocortex of the developing sheep brain. Reynolds ML, et al. **Anat Embryol (Berl)** 1985;171(1):41–60

Exercise during pregnancy—potential fetal and placental metabolic effects. Bonds DR, et al. **Ann Clin Lab Sci** 1985 Mar–Apr;15(2):91–9

Physiology of the placenta—gas exchange. Goplerud JM, et al. **Ann Clin Lab Sci** 1985 Jul–Aug;15(4):270–8

Metabolic balance of the ovine fetus during the fed and fasted states. Lemons JA, et al. **Ann Nutr Metab** 1984;28(5):268–80

Desaturation of 14C linoleic acid by the rat fetus. Pascaud M, et al. **Ann Nutr Metab** 1985;29(1):63–4

Vitamin A transfer to the fetus and to the amniotic fluid in rhesus monkey (Macaca mulatta). Vahlquist A, et al. **Ann Nutr Metab** 1984;28(6):321–33

Distribution of aztreonam into fetuses and milk of rats. Singhvi SM, et al. **Antimicrob Agents Chemother** 1984 Aug; 26(2):132–5

In vitro conversion of 3H-pregnenolone by human testicular tissue from fetal age to senescence. Hammar M, et al. **Arch Androl** 1984;13(2–3):203–12

Administration of benznidazole, a chemotherapeutic agent against Chagas)disease, to pregnant rats. Covalent binding of reactive metabolites to fetal and maternal proteins. de Toranzo EG, et al. **Arch Int Pharmacodyn Ther** 1984 Nov; 272(1):17–23

Metabolism and mutagenicity of aromatic amines by human fetal liver. Aune T, et al. **Arch Toxicol** 1985 Jun;57(2):136–8

Placental transfer and fetal distribution of cadmium and mercury after treatment with dithiocarbamates. Danielsson BR. **Arch Toxicol** 1984 Sep;55(3):161–7

Effect of L-propargylglycine on metabolism of sulfur-containing amino acids in pregnant rats and their fetuses. Sasaki K, et al. **Biochem Int** 1985 Feb;10(2):165–75

Disturbances of fetal liver carbohydrate metabolism and perinatal glucose homeostasis. Cuezva JM, et al. **Biochem Soc Trans** 1985 Feb;13(1):83–5

Reprogramming of metabolic development by restriction of fetal growth. Jones CT. **Biochem Soc Trans** 1985 Feb; 13(1):89–91

Biochemical disturbances of fetal development. Snell K. **Biochem Soc Trans** 1985 Feb;13(1):73–5

Synthesis of surfactant lipids in developing rat lung: studies with isolated alveolar type-II cells. Van Golde LM, et al. **Biochem Soc Trans** 1985 Feb;13(1):86–9

Relationship between metabolic rate and body size in fetal life. Bell AW, et al. **Biol Neonate** 1985;47(2):120–3

Uptake of taurocholate by freshly isolated hepatocytes from fetal and newborn rabbits. Bhat R, et al. **Biol Neonate** 1985; 47(2):99–106

Essential fatty acids interconversion in the human fetal liver. Chambaz J, et al. **Biol Neonate** 1985;47(3):136–40

Alanine production by the human fetus at term gestation. Gilfillan CA, et al. **Biol Neonate** 1985;47(3):141–7

Increased maternal-fetal transport of fat in diabetes assessed by polyunsaturated fatty acid content in fetal lipids. Goldstein R, et al. **Biol Neonate** 1985;47(6):343–9

Bile acid metabolism during development: metabolism of taurodeoxycholic acid in human fetal liver. Gustafsson J, et al. **Biol Neonate** 1985;47(1):26–31

Beta-adrenergic receptor interaction with guanosine triphosphate in fetal rabbit myocardial membranes. Hatjis CG. **Biol Neonate** 1984;46(5):254–60

Histochemical demonstration of ornithine transcarbamylase activity in fetal liver. Holzgreve W, et al. **Biol Neonate** 1985;47(6):339–42

Characterization of fetal urinary proteins at midgestation and term. Kronquist KE, et al. **Biol Neonate** 1984;46(6):267–75

Rat testicular endogenous steroids and number of Leydig cells between the fetal period and sexual maturity. Tapanainen J, et al. **Biol Reprod** 1984 Dec;31(5):1027–35

Fetal distribution of styrene in rats after vapor phase exposures. Withey JR, et al. **Biol Res Pregnancy Perinatol** 1985;6(2):59–64

The fetal distribution of some aliphatic chlorinated hydrocarbons in the rat after vapor phase exposure. Withey JR, et al. **Biol Res Pregnancy Perinatol** 1985;6(2):79–88

The irreversible loss of alanine and of glycine in fetal and sucking lambs. Hatfield GM, et al. **Br J Nutr** 1984 Nov; 52(3):529–43

Whole body and tissue fractional protein synthesis in the ovine fetus in utero. Schaefer AL, et al. **Br J Nutr** 1984 Sep;52(2):359–69

Can the fetus regulate its calcium uptake? Kuoppala T, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1192–6

Caffeine and its dimethylxanthines and fetal cerebral development in rat. Tanaka H, et al. **Brain Dev** 1984; 6(4):355–61

Metallothionein synthesis and localization in relation to metal storage in rat liver during gestation. Templeton DM, et al. **Can J Biochem Cell Biol** 1985 Jan;63(1):16–22

The effect of cow's dietary copper intake, sire breed, age on her copper status and that of her fetus in the first ninety days of gestation. Smart ME, et al. **Can J Comp Med** 1985 Apr;49(2):156–8

Maternal and fetal ethanol pharmacokinetics and cardiovascular responses in near-term pregnant sheep. Cumming ME, et al. **Can J Physiol Pharmacol** 1984 Dec; 62(12):1435–9

The metabolism of palmitic acid in the fetal lamb. Christie WW, et al. **Comp Biochem Physiol [B]** 1985;80(3):617–21

Brown adipose tissue from fetal rhesus monkey (Macaca mulatta): morphological and biochemical aspects. Strieleman PJ, et al. **Comp Biochem Physiol [B]** 1985; 81(2):393–9

Differentiation of the glomerular filtration barrier in the rat fetus: possible role of collagen. Bakala H, et al. **Connect Tissue Res** 1985;13(4):283–90

Glycolytic enzymes of human fetal and neonatal intraocular fluids. Gershbein LL. **Curr Eye Res** 1985 May;4(5):579–83

Inulin space studies in fetal sheep. Devaskar SU, et al. **Dev Pharmacol Ther** 1985;8(1):55–60

Influence of theophylline on fetal rat lung phosphatidylcholine synthesis in vivo. Moya FR, et al. **Dev Pharmacol Ther** 1985;8(1):9–16

Clinical pharmacokinetics in pregnancy and perinatology. I. Placental transfer and fetal side effects of local anaesthetic agents. Nau H. **Dev Pharmacol Ther** 1985;8(3):149–81 (91 ref.)

Enhanced cerebral substrate pools in the fetus and neonate of the diabetic canine mother. Kliegman RM, et al. **Diabetes** 1985 Feb;34(2):129–34

Consequences of perturbations of fetal fuels in ovine pregnancy. Philipps AF, et al. **Diabetes** 1985 Jun;34 Suppl 2:32–5

Effects of hyperinsulinemia in the primate fetus. Susa JB, et al. **Diabetes** 1985 Jun;34 Suppl 2:36–41

The effect of maternal diabetes on the synthesis and secretion of phosphatidylcholine in fetal and maternal rat lungs in vitro. Nijjar MS, et al. **Diabetologia** 1984 Aug;27(2):219–24

Pharmacokinetics of imipramine and its major metabolites in pregnant rats and their fetuses following a single dose. DeVane CL, et al. **Drug Metab Dispos** 1985 Jul–Aug; 13(4):438–42

Paraquat and putrescine uptake by lung slices of fetal and newborn rats. Gaudreault P, et al. **Drug Metab Dispos** 1984 Sep–Oct;12(5):550–2

Phenytoin enhances epoxide metabolism in human fetal liver cultures. Rane A, et al. **Drug Metab Dispos** 1985 May–Jun; 13(3):382–5

LH and FSH levels in serum and cerebrospinal fluid (CSF) of human fetus. Temeli E, et al. **Endocrinologie** 1985 Jan–Mar;23(1):55–9

Ontogeny of hypothalamic luteinizing hormone-releasing hormone (GnRH) and pituitary GnRH receptors in fetal and neonatal rats. Aubert ML, et al. **Endocrinology** 1985 Apr;116(4):1565–76

Hormone ontogeny in the ovine fetus. XVIII. The effect of an opioid antagonist on luteinizing hormone secretion. Cuttler L, et al. **Endocrinology** 1985 May;116(5):1997–2002

Somatomedin-C stimulates glycogen synthesis in fetal rat hepatocytes. Freemark M, et al. **Endocrinology** 1985 Jun; 116(6):2578–82

Ovine placental lactogen inhibits glucagon-induced glycogenolysis in fetal rat hepatocytes. Freemark M, et al. **Endocrinology** 1985 Apr;116(4):1275–80

Fetal rat hyperinsulinism and hyperglucagonism: effects on hepatic ketogenesis, lipogenesis, and gluconeogenesis. McCormick K, et al. **Endocrinology** 1985 Apr;116(4):1281–7

Somatostatin is a regulator of thyrotropin secretion in the perinatal rat. Theodoropoulos TJ. **Endocrinology** 1985 Oct; 117(4):1683–6

Androgen aromatization and 5 alpha-reduction in ferret brain during perinatal development: effects of sex and testosterone manipulation. Tobet SA, et al. **Endocrinology** 1985 May;116(5):1869–77

Placental transfer and fetal deposition of hexachlorobenzene in the hamster and guinea pig. Courtney KD, et al. **Environ Res** 1985 Jun;37(1):239–49

The renin-angiotensin system in mother and foetus. Broughton Pipkin F. **Equine Vet J** 1984 Jul;16(4):253–5 (44 ref.)

Consequences associated with nonnarcotic analgesics in the fetus and newborn. Peterson RG. **Fed Proc** 1985 Apr; 44(7):2309–13 (25 ref.)

Maternal-foetal distribution studies in late pregnancy. I. Distribution of [N-methyl-14C]betaine in tissues of beagle dogs and miniature pigs. Ikeda GJ, et al. **Food Chem Toxicol** 1985 Jun;23(6):609–14

Effect of acute maternal starvation on tyrosine metabolism and protein synthesis in fetal sheep. Krishnamurti CR, et al. **Growth** 1984 Winter;48(4):391–403

Effect of maternal starvation on fetal tissue nucleic acid, plasma amino acid and growth hormone concentration in sheep. Schaefer AL, et al. **Growth** 1984 Winter;48(4):404–14

Detection of prolactin and LH releasing activity in mid-term human fetal cerebrospinal fluid. Gilmore DP, et al. **Indian J Exp Biol** 1984 Nov;22(11):586–8

Comparison of fetal and adult retinol and retinoic acid binding proteins in bovine serum and pigment epithelium. Cullum ME, et al. **Int J Vitam Nutr Res** 1984;54(4):297–305

Concentration of vitamin A in the liver of foetuses and infants dying of various causes in Brasilia, Brazil. Dorea JG, et al. **Int J Vitam Nutr Res** 1984;54(2–3):119–23

Developmental changes of the lipidic part of the neutral glycosphingolipids of the rat stomach. Bouhours D, et al. **J Biol Chem** 1985 Feb 25;260(4):2172–7

Studies of hormonal regulation of osteocalcin synthesis in cultured fetal rat calvariae. Lian JB, et al. **J Biol Chem**

1985 Jul 25;260(15):8706–10

Developmental alterations in molecular weights of proteins in the human central nervous system that react with antibodies against myelin-associated glycoprotein. Marton LS, et al. **J Cell Biol** 1984 Nov;99(5):1642–6

Quantitative high-performance liquid chromatography of bases and nucleosides in cerebral DNA of rat foetus. Iwasaki S, et al. **J Chromatogr** 1985 May 31;341(1):182–6

Bile acid synthesis during development. Mitochondrial 12 alpha-hydroxylation in human fetal liver. Gustafsson J. **J Clin Invest** 1985 Feb;75(2):604–7

Gluconeogenesis by the fetal sheep liver in vivo. Gleason CA, et al. **J Dev Physiol** 1985 Jun;7(3):185–94

Lactate uptake by the fetal sheep liver. Gleason CA, et al. **J Dev Physiol** 1985 Jun;7(3):177–83

Growth hormone secretion in the fetal sheep following stereotaxic electrolytic lesioning of the fetal hypothalamus. Gluckman PD, et al. **J Dev Physiol** 1985 Feb;7(1):25–36

Changing responsiveness to growth hormone releasing factor in the perinatal sheep. Gluckman PD. **J Dev Physiol** 1984 Dec;6(6):509–15

Studies on the growth of the fetal guinea pig. Changes in plasma hormone concentration during normal and abnormal growth. Jones CT, et al. **J Dev Physiol** 1984 Dec;6(6):461–72

The rate of production of lung liquid in fetal goats, and the effect of expansion of the lungs. Perks AM, et al. **J Dev Physiol** 1985 Jun;7(3):149–60

Ontogeny of gastric acidity in the ovine fetus. Shulkes A, et al. **J Dev Physiol** 1985 Jun;7(3):195–206

The effect of maternal fluid intake on the volume and composition of fetal urine. Stevens AD, et al. **J Dev Physiol** 1985 Jun;7(3):161–6

Fetal CO2 kinetics. Van Veen LC, et al. **J Dev Physiol** 1984 Aug;6(4):359–65

Transferrin in foetal and adult mouse tissues: synthesis, storage and secretion. Meek J, et al. **J Embryol Exp Morphol** 1985 Apr;86:205–18

Dynamics and control of progesterone receptor synthesis in the fetal uterus of the guinea-pig in organ culture. Sumida C, et al. **J Endocrinol** 1985 Jun;105(3):415–21

The role of fetal adrenal hormones in the switch from fetal to adult globin synthesis in the sheep. Wintour EM, et al. **J Endocrinol** 1985 Jan;104(1):165–70

Identification and characterization of glycoproteins secreted by the skin of the day 16 fetal mouse. Janzen RG, et al. **J Exp Zool** 1984 Oct;232(1):99–105

Strontium-85 in the fetuses of pregnant rats and mice. Onyskowová Z, et al. **J Hyg Epidemiol Microbiol Immunol** 1985;29(1):1–7

Pregnancy in xanthinuria: demonstration of fetal uric acid production? Simmonds HA, et al. **J Inherited Metab Dis** 1984;7(2):77–9

Metabolism of catecholamines in the developing spinal cord of the rat. Commissiong JW. **J Neurochem** 1985 Apr;44(4):1060–8

Muscarinic cholinergic receptors in human foetal brain: characterization and ontogeny of [3H]quinuclidinyl benzilate binding sites in frontal cortex. Ravikumar BV, et al. **J Neurochem** 1985 Jan;44(1):240–6

Cholesterol biosynthesis and its regulation in dissociated cell cultures of fetal rat brain: developmental changes and the role of 3-hydroxy-3-methylglutaryl coenzyme A reductase. Volpe JJ, et al. **J Neurochem** 1985 Aug;45(2):536–43

Urine cotinine excretion in neonates exposed to tobacco smoke products in utero. Etzel RA, et al. **J Pediatr** 1985 Jul;107(1):146–8

The intrinsic vasculature of developing vertebral end plates and its nutritive significance to the intervertebral discs. Whalen JL, et al. **J Pediatr Orthop** 1985 Jul–Aug;5(4):403–10

Effect of myo-inositol on the glycerophospholipid composition of adult and fetal rat lung tissue. Quirk JG Jr, et al. **J Perinat Med** 1984;12(4):201–10

15- and 16-hydroxylations of androgens and estrogens in the human fetal liver: a critical step in estetrol biosynthesis. Cantineau R, et al. **J Steroid Biochem** 1985 Feb;22(2):195–201

Glycosphingolipids of fetal and adult sheep colonic mucosa. Dahiya R, et al. **Lipids** 1985 Jun;20(6):331–6

Effects of gonadotrophin-releasing hormone on testosterone secretion by fetal and neonatal rat testes in vitro. Raeside JI, et al. **Mol Cell Endocrinol** 1984 Sep;37(2):191–6

Delay in the fetal globin switch in infants of diabetic mothers. Perrine SP, et al. **N Engl J Med** 1985 Feb 7;312(6):334–8

Glucocorticoids preferentially increase fetal alveolar beta-adrenoreceptors: autoradiographic evidence. Barnes P, et al. **Pediatr Res** 1984 Nov;18(11):1191–4

The development of antioxidant enzymatic defense in the perinatal rat lung: activities of superoxide dismutase, glutathione peroxidase, and catalase. Gerdin E, et al. **Pediatr Res** 1985 Jul;19(7):687–91

Renal metabolism in fetal and newborn sheep. Iwamoto HS, et al. **Pediatr Res** 1985 Jul;19(7):641–4

Role of fetal 1,25-dihydroxyvitamin D production in intrauterine phosphorus and calcium homeostasis. Moore ES, et al. **Pediatr Res** 1985 Jun;19(6):566–9

The effects of chronic fetal hyperglycemia on substrate uptake by the ovine fetus and conceptus. Philipps AF, et al. **Pediatr Res** 1985 Jul;19(7):659–66

Relative rates of fetal hemoglobin and adult hemoglobin synthesis in cord blood of infants of insulin-dependent diabetic mothers. Bard H, et al. **Pediatrics** 1985 Jun;75(6):1143–7

Development of carbohydrate absorption in the fetus and neonate. Mobassaleh M, et al. **Pediatrics** 1985 Jan;75(1 Pt 2):160–6

Metabolism during fetal life: a functional assessment of metabolic development. Jones CT, et al. **Physiol Rev** 1985 Apr;65(2):357–430 (977 ref.)

Effect of a failure of energy supply on adenine nucleotide breakdown in placentae and other fetal tissues from rat and guinea pig. Harkness RA, et al. **Placenta** 1985 May–Jun;6(3):199–216

Prenatal expression of a lethal genetic defect in carbohydrate metabolism in mice. Tyson FL, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2101–5

Fetal glycerol metabolism in experimental maternal lipemia. Wapnir RA, et al. **Proc Soc Exp Biol Med** 1985 Apr;178(4):546–50

Identification of specific binding sites for leukotriene C4 in human fetal lung. Lewis MA, et al. **Prostaglandins** 1984 Jun;27(6):961–74

Prostaglandin F and E levels in the conceptus, uterus and plasma during early pregnancy in the ewe. Rawlings NC, et al. **Prostaglandins** 1985 Jun;29(6):933–51

Biosynthesis of prostaglandins by tissues of the human fetus. Strickland DM, et al. **Prostaglandins** 1983 Dec;26(6):983–9

Complete sulfation of jejunal gastrin in the human fetus. Andersen BN, et al. **Regul Pept** 1985 Apr;10(4):329–38

Effect of 25-hydroxyvitamin D3 and 1,25-dihydroxyvitamin D3 maternal loads on maternal and fetal vitamin D metabolite levels in the rat. Rebut-Bonneton C, et al. **Reprod Nutr Dev** 1985;25(3):583–90

Liver retinoids and retinol esterification in fetal and pregnant rats at term. Rasmussen M, et al. **Scand J Gastroenterol** 1985 Aug;20(6):696–700

Effects of hyperketonemia on mouse embryonic and fetal glucose metabolism in vitro. Horton WE Jr, et al. **Teratology** 1985 Apr;31(2):227–33

Oxidative metabolites of diethylstilbestrol in the fetal Syrian golden hamster. Maydl R, et al. **Teratology** 1984 Dec;30(3):351–7

Uptake and binding of tritium from [chloroethyl 3H] cyclophosphamide by rat embryos in vitro. Mirkes PE, et al. **Teratology** 1985 Jun;31(3):373–80

Effect of thiuram sulphides on the uptake and distribution of nickel in pregnant and non-pregnant mice. Jasim S, et al. **Toxicology** 1984 Sep 28;32(4):297–313

Sites of prealbumin production in the human fetus using the indirect immunoperoxidase technique. Gray HD, et al. **Virchows Arch [A]** 1985;406(4):463–73

[Changes in acid-base equilibrium according to the type of delivery] de la Fuente P, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(6):629–34 (Eng. Abstr.) **(Fre)**

[Permeability of the placenta to ions in unidirectional mother-fetus transport] Rottenberg F, et al. **Physiologie** 1985 Jan–Mar;22(1):79–82 **(Fre)**

[Renal metabolism of palmitate during the perinatal period in the rat] Delaval E, et al. **Reprod Nutr Dev** 1985;25(1B):333–4 **(Fre)**

[The metabolism and conjugation of estrogens in the human fetus] Tsukamoto K. **Nippon Naibunpi Gakkai Zasshi** 1984 Sep 20;60(9):1091–111 (Eng. Abstr.) **(Jpn)**

[Biosynthesis of steroid hormones in the fetoplacental unit] Nakayama T, et al. **Nippon Rinsho** 1984 Nov;42(11):2404–9 (24 ref.) **(Jpn)**

[The influence of maternal oxygen inhalation for 30 to 60 minutes on fetal oxygenation] Haruta M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct;36(10):1921–9 (Eng. Abstr.) **(Jpn)**

[Ammonia metabolism during perinatal period—ontogenesis of enzymes in pyrimidine biosynthesis and urea cycle system] Nagasaki T. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Dec;36(12):2525–32 (Eng. Abstr.) **(Jpn)**

[Serotonin concentration in the rat fetal brain in experimental intrauterine dystrophy] Chrzanowska B, et al. **Probl Med Wieku Rozwoj** 1984;13:193–7 (Eng. Abstr.) **(Pol)**

[Use of electrophysiological methods for determining the reactivity and reserve possibilities of the fetus] Abramchenko VV, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):38–40 (Eng. Abstr.) **(Rus)**

[Sulfhydryl groups in the mother-fetus-amniotic fluid system in parturients with acquired heart diseases] Grigorian DZ, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):43–4 (Eng. Abstr.) **(Rus)**

[Oxidation-reduction potential of soft tissues of the fetal head in labor complicated by intrauterine hypoxia and late toxicosis of pregnancy] Grishchenko VI, et al. **Akush Ginekol (Mosk)** 1985 May;(5):35–7 (Eng. Abstr.) **(Rus)**

[Distribution of ampicillin, gentamicin and ceporin in fetal organs after intra-amniotic and parenteral administration] Gurtovoi BL, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):18–21 (Eng. Abstr.) **(Rus)**

[Kinetics of 3H-remantadine accumulation and excretion in the tissues of pregnant mice and their fetuses] Pravdina NF, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):74–6 (Eng. Abstr.) **(Rus)**

[Effects of iodine deficiency during intrauterine and early postnatal life on DNA synthesis in liver and brain of rats] Fábrega I, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):321–32 (Eng. Abstr.) **(Spa)**

MICROBIOLOGY

Equine parvovirus: initial isolation and partial characterization. Wong FC, et al. **Can J Comp Med** 1985 Jan;49(1):50–4

PATHOLOGY

True histiocytic lymphoma of the thymus. Report of a case and a study of the distribution of histiocytic cells in the fetal and adult thymus. Szporn AH, et al. **Am J Clin Pathol** 1984 Dec;82(6):734–7

Morphology of fetal placental stem arteries in hypertensive disorders ('toxemia') of pregnancy. Las Heras J, et al. **Appl Pathol** 1983 Nov–Dec;1(6):301–9

Triplet pregnancy in two Thoroughbred mares. Whitwell KE. **Equine Vet J** 1984 Jul;16(4):393–6

Prenatal diagnosis and fetal pathology of partial trisomy 20P-monosomy 4P resulting from paternal translocation. Vamos E, et al. **Prenat Diagn** 1985 May–Jun;5(3):209–14

PHYSIOLOGY

Plasma growth hormone and thyroxine levels in the chronically catheterised pig foetus and the effect of thyrotrophin releasing hormone. Macdonald AA, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):126–9

Components of the rat conceptus that account for prolactin inhibition. Yogev L, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):305–11

Fetal haemodynamics in pre-eclampsia. Changes during antihypertensive treatment. Rasmussen K. **Acta Med Scand [Suppl]** 1985;693:11–4

Auditory evoked responses in the human fetus. II. Modifications observed during labor. Luz NP. **Acta Obstet Gynecol Scand** 1985;64(3):213–22

Acute effects of maternal smoking on fetal blood flow. Sindberg Eriksen P, et al. **Acta Obstet Gynecol Scand** 1984;63(5):391–7

Strategies and problems for future studies of auditory development. Rubel EW. **Acta Otolaryngol [Suppl] (Stockh)** 1985;421:114–28

A possible 'communication line' between the conceptus and the uterus. Herczeg J, et al. **Acta Physiol Hung** 1985;65(3):361–6

Effects of a beta-sympathomimetic drug on the foetal and maternal cardiovascular system in a chronic sheep model. Vojcek L, et al. **Acta Physiol Hung** 1985;65(4):511–6

Heart rate and PO2 in the fetal lamb. Towell ME, et al. **Adv Exp Med Biol** 1984;180:489–98

The variability of fetal breathing movements in normal human fetuses at term. Andrews J, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):280–2

Continuous measurement of oxygen consumption in fetal sheep. Block BS, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):406–8

Respiratory sinus arrhythmia in the human fetus. Divon MY, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):425–8

Human fetal breathing: associated changes in heart rate and beat-to-beat variability. Divon MY, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):403–6

Effects of maternal oxygen administration on fetal oxygenation during reductions in umbilical blood flow in fetal lambs. Edelstone DI, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):351–8

Fetal breathing movements and lung hypoplasia: preliminary human observations. Fox HE, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):531–3

Blood flow and oxygen delivery to fetal organs as functions of fetal hematocrit. Fumia FD, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):274–82

Behavioral states in the human fetus during labor. Griffin RL, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):828–33

Use of femur length in estimation of fetal weight. Hill LM, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):847–52

The partial association of uterine contractions with changes in electrocortical activity, breathing, and PaO2 in the fetal lamb: effects of brain stem section. Hofmeyr GJ, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):905–10

A comparison of sheep and human fetal oxygen delivery systems with use of a mathematical model. Huikeshoven FJ, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):449–55

Failure of exogenous prostacyclin to change placental and fetal blood flow in preeclampsia. Jouppila P, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):661–5

Gestational age alters fetal breathing response to intravenous insulin and intravenous glucose administration. Meis PM, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):438–40

Dorsiflexion of the big toe—a sign of impending fetal micturition [letter] Meizner I, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):722

Longitudinal measurements of fetal breathing, body movements, heart rate, and heart rate accelerations and decelerations at 24 to 32 weeks of gestation. Natale R, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):256–63

The effect of hypertension in pregnant women on fetal adrenal function and fetal plasma lipoprotein-cholesterol metabolism. Parker CR Jr, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):263–9

Fetal breathing movements and the response to carbon dioxide in patients on methadone maintenance. Richardson BS, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):400-5

Corticotropin-releasing factor--induced adrenocorticotropic hormone release in the sheep fetus: blockade by cortisol. Rose JC, et al. **Am J Obstet Gynecol** 1985 Apr 15; 151(8):1128-33

Failure of Lasix to induce a fetal diuresis [letter] Ross MG, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1107

Real-time ultrasound estimations of weight in fetuses of diabetic gravid women. Tamura RK, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):57-60

Fetal whole-body interstitial compliance, vascular compliance, and capillary filtration coefficient. Brace RA, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R800-5

Mathematical model of fetal circulation and oxygen delivery. Huikeshoven FJ, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R192-202

Growth of fetal guinea pig: physical and chemical characteristics. Sparks JW, et al. **Am J Physiol** 1985 Jan; 248(1 Pt 1):E132-9

Amniotic fluid volume and fetal swallowing rate in sheep. Tomoda S, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R133-8

PGE2 stimulates both resorption and formation of bone in vitro: differential responses of the periosteum and the endosteum in fetal rat long bone cultures. Nefussi JR, et al. **Anat Rec** 1985 Jan;211(1):9-16

Extremes of foetal birthweight for gestation in infants of diabetic mothers. Kek LP, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):303-6

Maternal, fetal, and newborn tissue PO2 in sheep measured with galvanic oxygen electrodes. Towell ME, et al. **Biochem Med** 1985 Apr;33(2):180-8

Effects of fetal decapitation upon porcine placental metabolism. Evidence for a fetal influence in placental metabolism. Ramsay TG, et al. **Biol Neonate** 1985; 47(1):42-53

Alteration of arterial gas composition by positive pressure ventilation in the unanesthetized fetal lamb in utero. Willis DM, et al. **Biol Neonate** 1985;47(5):295-304

Can the fetus listen and learn? Drife JO. **Br J Obstet Gynaecol** 1985 Aug;92(8):777-9 (30 ref.)

Fetal umbilical artery flow velocity-time waveforms in twin pregnancies. Giles WB, et al. **Br J Obstet Gynaecol** 1985 May;92(5):490-7

Merits of an individualized approach to fetal movement counting compared with fixed-time and fixed-number methods. Grant A, et al. **Br J Obstet Gynaecol** 1984 Nov; 91(11):1087-90

Doppler blood flow waveforms in the descending thoracic aorta of the human fetus. Griffin D, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):997-1006

ST waveform changes of the fetal electrocardiogram during labour—a clinical study. Lilja H, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):611-7

Effect of short-term maternal exercise on maternal and fetal cardiovascular dynamics. Pijpers L, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1081-6

'The Silent Scream': setting the record straight [letter] **Can Med Assoc J** 1985 Sep 15;133(6):556-7

Control of pulmonary vascular resistance in the fetus and newborn. Lyrene RK, et al. **Clin Perinatol** 1984 Oct; 11(3):551-64 (66 ref.)

Prostaglandins, related compounds, and the perinatal pulmonary circulation. Philips JB 3d, et al. **Clin Perinatol** 1984 Oct;11(3):565-79 (99 ref.)

Gametic and pleiotropic defects in mouse fetuses with Hertwig's macrocytic anemia. Russell ES, et al. **Dev Biol** 1985 Aug;110(2):331-7

Cardiovascular and catecholamine responses to hypoxemia in chemically sympathectomized fetal lambs. Lewis AB, et al. **Dev Pharmacol Ther** 1985;8(2):129-40

Organ blood flows of fetal and infant baboons. Paton JB, et al. **Early Hum Dev** 1984 Sep;10(1-2):137-47

Acute effect of maternal smoking on the maternal and fetal cardiovascular system. Pijpers L, et al. **Early Hum Dev** 1984 Sep;10(1-2):95-105

Intracranial haemorrhage in the preterm sheep fetus [letter] Thoresen M, et al. **Early Hum Dev** 1984 Sep;10(1-2):149-56

Maternal vocalisations and other sounds in the fetal lamb's sound environment. Vince MA, et al. **Early Hum Dev** 1985 Jul;11(2):179-90

The applicability of the daily fetal movement count (DFMC) as a monitor for fetal well-being in the Nigerian women. Osefo N. **East Afr Med J** 1984 May;61(5):406-11

The placenta remains functional following fetectomy in baboons. Albrecht ED, et al. **Endocrinology** 1985 Feb; 116(2):843-5

Modulation by cortisol of adrenocorticotropin-induced activation of adrenal function in fetal sheep. Challis JR, et al. **Endocrinology** 1985 Jun;116(6):2267-72

Organotypic culture of fetal lung type II alveolar epithelial cells: applications to pulmonary toxicology. Shami SG, et al. **Environ Health Perspect** 1984 Jun;56:87-94

Maternal and foetal endocrinology during late pregnancy and parturition in the mare. Pashen RL. **Equine Vet J** 1984 Jul;16(4):233-8 (51 ref.)

Some aspects of equine placental exchange and foetal physiology. Silver M. **Equine Vet J** 1984 Jul;16(4):227-33 (63 ref.)

The ultrasound score and fetal heart-rate pattern as predictor of fetal outcome. Mazor M, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jan;19(1):7-11

Variability of basal oxygenation of the fetus—causes and associations. Parer JT, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Sep;18(1-2):1-9 (22 ref.)

A test for the effects of low-temporal-average-intensity pulsed ultrasound on the rat fetus. Child SZ, et al. **Exp Cell Biol** 1984;52(3):207-10

Alveolar type II cells isolated from fetal rat lung organotypic cultures synthesize and secrete surfactant-associated phospholipids and respond to fibroblast-pneumonocyte factor. Post M, et al. **Exp Lung Res** 1984;7(1):53-65

Further evidence for masculinization of female rats by males located caudally in utero. Richmond G, et al. **Horm Behav** 1984 Dec;18(4):484-90

Maternal nutrition and fetal growth. Devi RR, et al. **Indian J Pediatr** 1984 Jul-Aug;51(411):443-9

Denervation of peripheral chemoreceptors decreases breathing movements in fetal sheep. Murai DT, et al. **J Appl Physiol** 1985 Aug;59(2):575-9

Measurement of fetal heat production using differential calorimetry. Power GG, et al. **J Appl Physiol** 1984 Sep; 57(3):917-22

Components of variance and covariance between direct and fetal effects in production traits. Cue RI, et al. **J Dairy Sci** 1985 Jul;68(7):1758-62

Relationship between accelerations and decelerations in heart rate and skeletal muscle activity in fetal sheep. Bocking AD, et al. **J Dev Physiol** 1985 Feb;7(1):47-54

Studies on the growth of the fetal guinea pig. The effects of ligation of the uterine artery on organ growth and development. Lafeber HN, et al. **J Dev Physiol** 1984 Dec; 6(6):441-59

The effects of ACTH1-24 or cortisol on pulmonary maturation in the adrenalectomized ovine fetus. Liggins GC, et al. **J Dev Physiol** 1985 Apr;7(2):105-11

Thyrotropic hormone and thyroidal function initiation in fetal rat. Pic P, et al. **J Dev Physiol** 1985 Jun;7(3):207-14

Absent prolactin (PRL) response to thyrotropin releasing hormone (TRH) and somatostatin (SRIF) in at term fetus. Robuschi G, et al. **J Endocrinol Invest** 1984 Oct;7(5):521-4

Advances in fetal medicine. Michejda M. **J Med Primatol** 1983;12(3):117-23

Resistance to natural killer cytolysis and neutral glycolipid composition of cultured human glioma and fetal brain cells. Yates AJ, et al. **J Neuropathol Exp Neurol** 1985 Jul; 44(4):371-83

Progress in perinatal medicine III. 3rd International Berlin Meeting of Perinatal Medicine. 10th and 11th November 1983. Abstracts. **J Perinat Med** 1984;12 Suppl 1:1-100

Measurement of net transplacental transfer of fluid to the fetal sheep. Lumbers ER, et al. **J Physiol (Lond)** 1985 Jul; 364:289-99

Chromosome mosaicism in a zebra (Equus burchelli) abortus provides evidence for a different in-vivo/in-vitro survival of balanced and unbalanced karyotypes. Whitehouse DB, et al. **J Reprod Fertil** 1985 Mar;73(2):401-3

Exercise during pregnancy: maternal and fetal responses. A brief review. Gorski J. **Med Sci Sports Exerc** 1985 Aug; 17(4):407-16 (91 ref.)

Regional cerebral blood flow: studies in the fetal lamb during hypoxia, hypercapnia, acidosis, and hypotension. Ashwal S, et al. **Pediatr Res** 1984 Dec;18(12):1309-16

Regulation of fetal growth. Presidential address, Society for Pediatric Research, May 1984. Johnson JD. **Pediatr Res** 1985 Jul;19(7):738-41

Myocardial excitation-contraction coupling in the fetus of alloxan-diabetic rabbit. Nakanishi T, et al. **Pediatr Res** 1984 Dec;18(12):1344-9

Autoregulation of cerebral blood flow in the preterm fetal lamb. Papile LA, et al. **Pediatr Res** 1985 Feb;19(2):159-61

Infants of diabetic mothers. Fetal and neonatal pathophysiology. Morriss FH Jr. **Perspect Pediatr Pathol** 1984 Fall;8(3):223-34

Maternal and fetal responses to exercise during pregnancy. Lotgering FK, et al. **Physiol Rev** 1985 Jan;65(1):1-36 (226 ref.)

Hemodynamic effects of postpulmonary administration of prostaglandin D2 in fetal animals. Gause GE, et al. **Proc Soc Exp Biol Med** 1985 Jul;179(3):373-6

Fetal blood flow in pre-eclampsia. Rasmussen K. **Scand J Clin Lab Invest [Suppl]** 1984;169:36-8

Developmental toxicity of ethylene glycol monopropyl ether in the rat. Krasavage WJ, et al. **Teratology** 1985 Aug; 32(1):93-102

Acidosis affects fetal vascular prostacyclin release. Goldsmith JC, et al. **Thromb Res** 1984 Oct 1;36(1):79-82

Changes in venous flow and intra tracheal flow in fetal breathing movements. Chiba Y, et al. **Ultrasound Med Biol** 1985 Jan-Feb;11(1):43-9

The antenatal assessment of utero-placenial and feto-placental blood flow using Doppler ultrasound. Cohen-Overbeek T, et al. **Ultrasound Med Biol** 1985 Mar-Apr;11(2):329-39

A combined ultrasonic linear array scanner and pulsed Doppler velocimeter for the estimation of blood flow in the foetus and adult abdomen—II: Clinical evaluation. Griffin DR, et al. **Ultrasound Med Biol** 1985 Jan-Feb; 11(1):37-41

The time-distance recorder as a means of improving the accuracy of fetal blood flow measurements. Struyk PC, et al. **Ultrasound Med Biol** 1985 Jan-Feb;11(1):71-7

A combined ultrasonic linear array scanner and pulsed Doppler velocimeter for the estimation of blood flow in the foetus and adult abdomen—I: Technical aspects. Teague MJ, et al. **Ultrasound Med Biol** 1985 Jan-Feb; 11(1):27-36

[Evaluation of uterine and fetal status in late pregnancy toxicoses] Katsulov A, et al. **Akush Ginekol (Sofiia)** 1984; 23(6):474-8 (Eng. Abstr.) **(Bul)**

[Measurement of blood circulation in the fetus] Jungmannová C. **Cesk Gynekol** 1984 Aug;49(7):509-15 **(Cze)**

[Present knowledge of the regulation of fetal erythropoiesis] Labohá J. **Cesk Gynekol** 1984 Aug;49(7):515-8 **(Cze)**

[Stress of the perinatal period and anxiety. Biological aspects] Houzelot D. **Encephale** 1984;10(3):101-17 (273 ref.) (Eng. Abstr.) **(Fre)**

[Observations on fetal behavioral states at term in normal pregnancy] Boos R, et al. **Geburtshilfe Frauenheilkd** 1984 Nov;44(11):738-43 (Eng. Abstr.) **(Ger)**

[Pregnancy and fetal development in epileptic women] Janz D. **Geburtshilfe Frauenheilkd** 1984 Jul;44(7):428-34 (Eng. Abstr.) **(Ger)**

[Quantitative determination of ossification of fetal rat bones with graphic analysis] Bleyl DW, et al. **Nahrung** 1985; 29(6):629-32 **(Ger)**

[Ultrasonic Doppler method for noninvasive determination of fetal blood flow volumes] Kurz CS, et al. **Ultraschall Med** 1985 Apr;6(2):90-6 (Eng. Abstr.) **(Ger)**

[Fetal cyclic activity and its neurophysiologic implications] Moneta E, et al. **Minerva Ginecol** 1985 Mar;37(3):73-84 (Eng. Abstr.) **(Ita)**

[Iron metabolism and erythropoiesis in the prenatal and early postnatal periods of the rat] Popov GK, et al. **Zh Evol Biokhim Fiziol** 1984 Nov-Dec;20(6):611-4 (Eng. Abstr.) **(Rus)**

[Bioelectrical activity of the brain in rabbit fetuses in relation to the duration of umbilical cord occlusion] Tagiev ShK, et al. **Zh Evol Biokhim Fiziol** 1985 Jan-Feb;21(1):49-54 (Eng. Abstr.) **(Rus)**

[Neurophysiologic and clinical aspects of intranatal fetal hibernation] Babkin PS. **Zh Nevropatol Psikhiatr** 1984; 84(11):1627-30 (Eng. Abstr.) **(Rus)**

[Functional aspects of the development of coronary circulation] Zlatoš L. **Cesk Fysiol** 1984;33(4):305-8 **(Slo)**

[Use of vital stains as an investigational method in pregnancies at term with living and dead fetuses] Morales A, et al. **Rev Chil Obstet Ginecol** 1983;48(5):349-53 **(Spa)**

PHYSIOPATHOLOGY

Effect of cephalic pressure on fetal cerebral blood flow. O'Brien WF, et al. **Am J Perinatol** 1984 Apr;1(3):223-6

RADIATION EFFECTS

Epidemiological studies on disturbances of human fetal development in areas with various doses of natural background radiation. I. Relationship between incidences of Down's syndrome or visible malformation and gonad dose equivalent rate of natural background radiation. Ujeno Y. **Arch Environ Health** 1985 May-Jun;40(3):177-80

In utero exposure to microwave radiation and rat brain development. Merritt JH, et al. **Bioelectromagnetics** 1984; 5(3):315-22

Pulmonary imaging in pregnancy. Maternal risk and fetal dosimetry. Marcus CS, et al. **Clin Nucl Med** 1985 Jan; 10(1):1-4

Disposition and effects of 85Kr in pregnant rats. Sikov MR, et al. **Health Phys** 1984 Sep;47(3):417-27

Fetal irradiation increases androgen production by dispersed leydig cells of the rat. Jansz GF, et al. **J Androl** 1984 Sep-Oct;5(5):344-50

Prenatal x-ray exposure and childhood cancer in twins. Harvey EB, et al. **N Engl J Med** 1985 Feb 28;312(9):541-5

Clinical data for radiation embryology. Investigation programme 1967, report 1984. Neumeister K, et al. **Radiat Environ Biophys** 1985;24(3):227-37

Teratogenic, biochemical, and histological studies with mice prenatally exposed to 2.45-GHz microwave radiation. Nawrot PS, et al. **Radiat Res** 1985 Apr;102(1):35-45

Growth and development of mice offspring after irradiation in utero with 2,450-MHz microwaves. Berman E, et al. **Teratology** 1984 Dec;30(3):393-402

Reproductive and genetic effects of continuous prenatal irradiation in the pig. Erickson BH, et al. **Teratology** 1984 Aug;30(1):99-106

[Evaluation of pelvic irradiation during x-ray computed tomography] Magnin G, et al. **Rev Fr Gynecol Obstet** 1984 Jan;79(1):1-2, 5 (Eng. Abstr.) **(Fre)**

[Effect of electromagnetic radiation in the fetal period on the survival of mouse offspring after experimental viral and bacterial infection or exposure to X-rays] Marcickiewicz J, et al. **Ginekol Pol** 1984 May;55(5):317-24 (Eng. Abstr.) **(Pol)**

[Effect of whole-body irradiation of females on pregnancy and postnatal development of the offspring] Palyga GF, et al. **Arkh Anat Gistol Embriol** 1984 Dec;87(12):71-6 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Analysis of the human fetal skeleton and organs with xeroradiography. Elejalde BR, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):666-70

Enhanced visualization of soft tissues in the study of aborted fetuses through the use of xeroradiography. Graham JM Jr, et al. **Teratology** 1984 Aug;30(1):11–24

SURGERY

Current controversies in obstetrics: wrongful life and forced fetal surgical procedures. Engelhardt HT Jr. **Am J Obstet Gynecol** 1985 Feb 1;151(3):313–8

Is there a role for fetal cephalocentesis in modern obstetrics? Chervenak FA, et al. **Am J Perinatol** 1984 Jan;1(2):170–3

Abnormal development of genetically normal fetal hematopoietic stem cells in steel mutant mouse fetuses. Okamoto T, et al. **Dev Biol** 1985 May;109(1):251–4

A modified method for complete bovine fetotomy. Mortimer RG, et al. **J Am Vet Med Assoc** 1984 Sep 1;185(5):524–6

Fetal surgery in the primate II. Uterine electromyographic response to operative procedures and pharmacologic agents. Nakayama DK, et al. **J Pediatr Surg** 1984 Aug;19(4):333–9

Fetal hypothalamic transplants: neuronal and neurovascular interrelationships. Scott DE. **Neurosci Lett** 1984 Sep 28;51(1):93–8

Fetal neurosurgery [letter] Saunders RL. **Neurosurgery** 1984 Nov;15(5):765–6

In utero cleft lip repair in A/J mice. Hallock GG. **Plast Reconstr Surg** 1985 Jun;75(6):785–90

Antenatal treatment of induced congenital malformations. Michejda M, et al. **Prog Clin Biol Res** 1985;163B:231–41

Fetal surgery in utero. Neal R, et al. **Tex Med** 1984 Sep;80(9):40–8 (21 ref.)

Fetal surgery: the social implications of medical and surgical treatment of the unborn child. Kaufmann CL, et al. **Women Health** 1985 Spring;10(1):25–37

ULTRASTRUCTURE

Foetal meiosis in the testis of the rodent Octodon degus. Rojas MA, et al. **Int J Androl** 1984 Dec;7(6):529–41

Enzyme histochemical and ultrastructural studies in human adrenal glands of normal and anencephalic fetuses. Murakoshi M, et al. **Tokai J Exp Clin Med** 1984 Jun;9(2):119–37

[Chromosome anomalies in spontaneously aborted fetuses and a study of mutagenesis in a human population] Dejmek J, et al. **Bratisl Lek Listy** 1985 Jun;83(6):637–45 (Eng. Abstr.) **(Slo)**

FEVER

see related

ANALGESICS, ANTI-INFLAMMATORY
ANTI-INFLAMMATORY AGENTS
HEAT-SHOCK PROTEINS

Fever in autistics [letter] Cotterill RM. **Nature** 1985 Feb 7–13;313(6002):426

Fever in childhood. Schmitt BD. **Pediatrics** 1984 Nov;74(5 Pt 2):929–36

Scientific essays on fever and infection in honor of Elisha Atkins, M.D. **Yale J Biol Med** 1985 Mar–Apr;58(2):66–194

BLOOD

Effect of hyperthermia on blood levels of corticosterone and certain metabolites in rats during thiobutabarbital anaesthesia. Torlińska T, et al. **Acta Physiol Pol** 1984 May–Jun;35(3):243–7

Fever and changes in plasma zinc and iron concentrations in the goat: the role of leukocytic pyrogen. Van Miert AS, et al. **J Comp Pathol** 1984 Oct;94(4):543–57

[An analysis of blood smear examinations of 10,566 cases of fever in Wangmo County, Guizhou] Jiang RH. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):231 **(Chi)**

[Pyrogenic activity in the sera of febrile patients mediated by endogenous pyrogen and activators of adenyl cyclase] Nathal E, et al. **Rev Invest Clin** 1984 Apr–Jun;36(2):125–31 (Eng. Abstr.) **(Spa)**

CHEMICALLY INDUCED

Hyperthermia after metrizamide myelography. Latack JT, et al. **AJNR** 1984 Sep–Oct;5(5):649–51

Severe hyperthermia secondary to intravenous drug abuse [letter] Roberts JR, et al. **Am J Emerg Med** 1984 Jul;2(4):373

Haloperidol-associated hyperthermia [letter] Bach DS, et al. **Drug Intell Clin Pharm** 1985 Mar;19(3):211

Environmental and drug-induced hyperthermia. Pathophysiology, recognition, and management. Olson KR, et al. **Emerg Med Clin North Am** 1984 Aug;2(3):459–74

Induction of hyperpyrexia by dihydrocurvularin, a metabolic product of Penicillium gilmanii. Rice FA, et al. **J Pharm Sci** 1984 Dec;73(12):1846–8

Involvement of central action of lipopolysaccharide in pyrogen fever. Ogawa Y, et al. **Jpn J Pharmacol** 1984 Nov;36(3):389–95

Pyrogenicity of yeast mannans in rabbits. Nagase T, et al. **Microbiol Immunol** 1984;28(6):651–7

[A case of polymer fever] Jandrain B, et al. **Rev Med Liege** 1985 May 15;40(10):428–32 **(Fre)**

[Hyperthermia caused by nomifensine. The problem of diagnosing drug-induced fever] Castot A, et al. **Therapie** 1985 May–Jun;40(3):191–4 (Eng. Abstr.) **(Fre)**

[Drug-induced fever. Physiopathology. Imputability criteria] Chichmanian RM, et al. **Therapie** 1985 May–Jun;40(3):203–7 (Eng. Abstr.) **(Fre)**

[Fever induced by nomifensine (Alival) (letter)] Dupon M, et al. **Therapie** 1984 Nov–Dec;39(6):717–8 **(Fre)**

[The pyrogenicity of spore suspensions of Clostridium butyricum] Dressel H, et al. **Pharmazie** 1985 Jan;40(1):59 **(Ger)**

[Antagonism by taurine of hyperthermia induced in rabbits by 6-aminomethyl-4H,1,2,4-benzothiadiazine 1,1-dioxide (AMBD) and by calcium antagonists] Palmi M, et al. **Boll Soc Ital Biol Sper** 1985 May 30;61(5):703–6 (Eng. Abstr.) **(Ita)**

[Polymer-fume fever. Current diagnosis in general practice] Hagestad K. **Tidsskr Nor Laegeforen** 1984 Aug 20;104(23):1546–7 (Eng. Abstr.) **(Nor)**

[Role of central alpha-adrenoreceptors in the mechanism of the hyperthermic action of prostaglandin E2] Gurin VN, et al. **Farmakol Toksikol** 1984 Nov–Dec;47(6):29–32 (Eng. Abstr.) **(Rus)**

[Clinical characteristics of drug-induced fever] Vorob'ev BI, et al. **Klin Med (Mosk)** 1984 Dec;62(12):51–4 (Eng. Abstr.) **(Rus)**

[Drug fever caused by spiramycin (letter)] Senent Sánchez CJ, et al. **Med Clin (Barc)** 1985 Feb 2;84(4):163 **(Spa)**

COMPLICATIONS

Septic shock and hyperthermia as possible teratogenic factors. Ivarsson SA, et al. **Acta Paediatr Scand** 1984 Nov;73(6):875–6

Fever during pregnancy and spontaneous abortion. Kline J, et al. **Am J Epidemiol** 1985 Jun;121(6):832–42

Similarity of effects—experimental hyperthermia as a teratogen and maternal febrile illness associated with oromandibular and limb defects. Superneau DW, et al. **Am J Med Genet** 1985 Jul;21(3):575–80

Transient diabetes insipidus following 'benign' febrile illness revisited [letter] Reasner CA 2d, et al. **Arch Intern Med** 1985 Feb;145(2):367

Persistent fever with aortic valve endocarditis. Zabalgoitia-Reyes M, et al. **Arch Intern Med** 1985 Feb;145(2):327–8

Hypoglycaemia during illness in children with congenital adrenal hyperplasia. Hinde FR, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1603–4

Long-term effects of febrile convulsion on seizure susceptibility in P77PMC rat—resistant to acoustic stimuli but susceptible to kainate-induced seizures. Zhao DY, et al. **Exp Neurol** 1985 Jun;88(3):688–95

Acute febrile neutrophilic dermatosis (Sweet's syndrome) associated with lymphoma. Krolikowski FJ, et al. **Hum Pathol** 1985 May;16(5):520–2

Temperature elevation during brachytherapy for carcinoma of the uterine cervix: adverse effect on survival and enhancement of distant metastasis. Kapp DS, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2281–92

Prolonged hypotension after fever during enalapril treatment [letter] Coulshed DJ, et al. **Lancet** 1985 Jul 27;2(8448):222

Vascular abnormalities due to hyperthermia in chick embryos. Nilsen NO. **Teratology** 1984 Oct;30(2):237–51

The induction of microphthalmia, encephalocele, and other head defects following hyperthermia during the gastrulation process in the rat. Webster WS, et al. **Teratology** 1985 Feb;31(1):73–82

[Hyperpyretic convulsive crises and malaria in children] Gendrel D, et al. **Ann Pediatr (Paris)** 1984 Oct;31(8):703–4 (Eng. Abstr.) **(Fre)**

[Fever during labor] Berland M, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(4):443–8 (Eng. Abstr.) **(Fre)**

[Fever in labor and delivery. Fetal and neonatal risk] Kosmann JC. **Rev Fr Gynecol Obstet** 1984 Jun;79(6):501–2 **(Fre)**

[Fever in the patient with hepatic cirrhosis: 6-month prospective study] Andreu García M, et al. **Med Clin (Barc)** 1985 Mar 23;84(11):433–6 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Temperature assessment by parental palpation [letter] Ernst TN, et al. **Am J Dis Child** 1985 Jun;139(6):546–7

Unexplained episodes of fever: an early manifestation of colorectal carcinoma. Aderka D, et al. **Isr J Med Sci** 1985 May;21(5):421–4

The febrile infant. McCutcheon ML. **J Fam Pract** 1985 Jun;20(6):584–8

Temperature and fever in the full-term newborn. Osborn LM, et al. **J Fam Pract** 1985 Mar;20(3):261–4

Characteristics and management of febrile young children seen in a university family practice. Soman M. **J Fam Pract** 1985 Aug;21(2):117–22

Detection of fever with infrared thermometry: a feasibility study. Hughes WT, et al. **J Infect Dis** 1985 Aug;152(2):301–6

Hyperthermia after discontinuance of levodopa and bromocriptine therapy: impaired dopamine receptors a possible cause. Figà-Talamanca L, et al. **Neurology** 1985 Feb;35(2):258–61

Occurrence of bacteremia in febrile children seen in a hospital outpatient department and private practice. Brook I, et al. **South Med J** 1984 Oct;77(10):1240–2

[Fever as the first symptom of prostatic cancer] Zgliczyński W, et al. **Pol Tyg Lek** 1985 Jan 28;40(4):109–11 (Eng. Abstr.) **(Pol)**

[Immunological studies in the diagnosis of surgical infection and suppurative-resorptive fever] Novokreshchenov LB, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):92–5 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Antipyretic use among children during the 1983 influenza season. Taylor JP, et al. **Am J Dis Child** 1985 May;139(5):486–8

Temperature response to antipyretic therapy in children: relationship to occult bacteremia. Torrey SB, et al. **Am J Emerg Med** 1985 May;3(3):190–2

Piperacillin plus vancomycin in the therapy of febrile episodes in cancer patients. Jadeja L, et al. **Antimicrob Agents Chemother** 1984 Sep;26(3):295–9

'Culture-negative' prosthetic valve endocarditis. Hazards of postoperative steroid therapy for unexplained fever. Hilton E, et al. **Arch Intern Med** 1984 Oct;144(10):2083–4

Antipyretic activity of ibuprofen and paracetamol in children with pyrexia. Amdekar YK, et al. **Br J Clin Pract** 1985 Apr;39(4):140–3

High-dose ketoconazole (HD-KNZ) in the initial treatment of leucopenic patients with fever [letter] Schmitt HJ, et al. **Eur J Pediatr** 1984 Nov;143(1):73

Ceftazidime plus mezlocillin as initial antibiotic therapy in febrile neutropenic patients with haematological malignancy. Clough JV, et al. **J Antimicrob Chemother** 1985 Mar;15(3):353–63

Neoplastic fever responds to the treatment of an adequate dose of naproxen. Chang JC, et al. **J Clin Oncol** 1985 Apr;3(4):552–8

Comparative evaluation of antipyretic activity of ibuprofen and aspirin in children with pyrexia of varied aetiology. Kandoth PW, et al. **J Int Med Res** 1984;12(5):292–7

A comparative study of two dosage levels of ibuprofen syrup in children with pyrexia. Kotob A. **J Int Med Res** 1985;13(2):122–6

Fever therapy failure [letter] Sweet L. **Pediatrics** 1984 Nov;74(5):902

Effect of alpha-MSH 11–13 (lysine-proline-valine) on fever in the rabbit. Richards DB, et al. **Peptides (Fayetteville)** 1984 Jul–Aug;5(4):815–7

[Fever in labor and delivery. The point of view of the bacteriologist] Flandrois JP. **Rev Fr Gynecol Obstet** 1984 Jun;79(6):497–501 **(Fre)**

ENZYMOLOGY

Hyperthermia and polyamine biosynthesis: decreased ornithine decarboxylase induction in skin and kidney after heat shock. Verma AK, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):156–62

Arylsulphatase A and acid phosphatase activities in plasma and leucocytes during LPS fever in the ox (Bos taurus). Kozak W, et al. **Comp Biochem Physiol [A]** 1985;81(1):165–9

ETIOLOGY

Influence of neural pathways on the pyrexial response to surgical trauma. Kirkeby OJ, et al. **Acta Chir Scand** 1985;151(1):7–9

Bacterial and viral pathogens causing fever in infants less than 3 months old. Krober MS, et al. **Am J Dis Child** 1985 Sep;139(9):889–92

Fever, abdominal pain, and hepatomegaly in a 66-year-old man [clinical conference] **Am J Med** 1985 Mar;78(3):481–6

Fever and abdominal mass in a 74-year-old man with long-standing vena caval obstruction [clinical conference] **Am J Med** 1985 Jun;78(6 Pt 1):1010–6

Fever on drug-free day of alternate-day steroid therapy [letter] Jacobs JC. **Am J Med** 1984 Nov;77(5):A89, A92

Delayed hemolytic transfusion reaction: a cause of late postoperative fever. Soper DE. **Am J Obstet Gynecol** 1985 Sep 15;153(2):227–8

Was fever psychogenic in origin? [letter] Fiscella R. **Am J Psychiatry** 1985 Apr;142(4):516–7

Pyogenic liver abscess in children: a report of three patients and review of the literature. Karrar ZA, et al. **Ann Trop Paediatr** 1985 Jun;5(2):97–101

Marathon running and adverse weather conditions: a miscellany. Porter AM. **Br J Sports Med** 1984 Dec;18(4):261–4

Postmyocardial infarction syndrome [editorial] Timmis AD. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):636–7

Reticulum cell sarcoma with unusual presenting features: fever and low cerebrospinal fluid glucose levels. Wong MJ, et al. **Can Med Assoc J** 1984 Oct 15;131(8):905–6

Are postoperative fever and/or septic complications prognostic factors in colorectal cancer resected for cure? Fucini C, et al. **Dis Colon Rectum** 1985 Feb;28(2):94–5

Acalculous cholecystitis and fever related to total parenteral nutrition. Tucker RA, et al. **Drug Intell Clin Pharm** 1984 Nov;18(11):897–9

Detection of central venous catheter-associated sepsis. Vanhuynegem L, et al. **Eur J Clin Microbiol** 1985 Feb;4(1):46–8

Persistent pain, fever after a trip to Mexico. Strum WB. **Hosp Pract [Off]** 1984 Oct;19(10):86–7

Fever, seizures in a full-term newborn. Yang S, et al.

Hosp Pract [Off] 1985 Jan 30;20(1A):18, 20, 24

Frequency of febrile illness in Hb E-thalassaemia patients. Swarup-Mitra S, et al. **Indian J Med Res** 1984 Jun; 79:779-82

Adverse effects secondary to the treatment with plasma exchange. Puig L, et al. **Int J Artif Organs** 1985 May; 8(3):155-8

Pyrexia in giant cell arteritis. Achar KN. **J Am Geriatr Soc** 1985 Apr;33(4):303-4

Body temperature following podiatric surgery. Miller SJ. **J Am Podiatry Assoc** 1984 Oct;74(10):477-81

Fever and the young child [editorial] Barkin RM, et al. **J Emerg Med** 1984;1(4):357-8

Evaluation of the febrile child under 2 years of age. McGravey A, et al. **J Emerg Med** 1984;1(4):299-305

A novel strain of Escherichia coli causing diarrhea, bacteremia, and fever in a human. Thorne GM, et al. **J Infect Dis** 1985 May;151(5):960-3

Management in the febrile, neutropenic patient with cancer: therapeutic considerations. Brown AE. **J Pediatr** 1985 Jun; 106(6):1035-42 (48 ref.)

Hyperthermia following a sauna bath [letter] Hamilton PG. **J R Coll Gen Pract** 1985 Aug;35(277):398-9

Water intoxication, hyperpyrexia and rhabdomyolysis in a patient with psychogenic polydipsia. Sidi Y, et al. **NY State J Med** 1984 Sep;84(9):462-4

Persistent fever and subdural effusions [letter] Prober CG, et al. **Pediatr Infect Dis** 1985 Mar-Apr;4(2):211-2

The clinical evaluation of the febrile infant. Radetsky M. **Primary Care** 1984 Sep;11(3):395-405

Hyperthermia in radiofrequency-exposed rhesus monkeys: a comparison of frequency and orientation effects. Lotz WG. **Radiat Res** 1985 Apr;102(1):59-70

Evaluation of the febrile neonate. Kovatch AL, et al. **Semin Perinatol** 1985 Jan;9(1):12-9 (55 ref.)

Enteral hyperthermia. Harris LF, et al. **South Med J** 1985 Jun;78(6):754-5

Aspirin in exercise-induced hyperthermia. Evidence for and against its role. Johnson SC, et al. **Sports Med** 1985 Jan-Feb;2(1):1-7 (39 ref.)

The fever of gout: urate crystals activate endogenous pyrogen production from human and rabbit mononuclear phagocytes. Duff GW, et al. **Trans Assoc Am Physicians** 1983;96:234-45

Fever clinic: an approach to the febrile patient in the tropics [letter] Newsome F. **Trop Doct** 1985 Apr;15(2):54

The serology of febrile transfusion reactions. de Rie MA, et al. **Vox Sang** 1985;49(2):126-34

[The significance of computer tomography in the differential diagnosis septic fevers] Svejda J. et al. **Cas Lek Cesk** 1985 Aug 16;124(33):1033-5 (Eng. Abstr.) **(Cze)**

[Lower backache with fever] Felt-Bersma RJ, et al. **Ned Tijdschr Geneeskd** 1985 Mar 2;129(9):385-7 **(Dut)**

[Evaluation of a febrile child] Ruuskanen O, et al. **Duodecim** 1985;101(5):477-84 **(Fin)**

[Anatomo-clinical conference. Hôpital de la Pitié-Salpêtrière. Case n. 1 - 1985. Prolonged fever and lymphopenia in a 26-year-old woman] Bentata-Pessayre M, et al. **Ann Med Interne (Paris)** 1985;136(1):69-75 **(Fre)**

[Anatomo-clinical conference. Hôpital de la Pitié-Salpêtrière. Case 5--1984. Fever and leukopenia 27 years after splenectomy] Guillevin L, et al. **Ann Med Interne (Paris)** 1984;135(7):568-72 **(Fre)**

[Management of fever during pregnancy] el Bakali-el Kassimi A, et al. **Maroc Med** 1985 Jun;7(2):604-11 (Eng. Abstr.) **(Fre)**

[19-year-old patient with fever, diffuse abdominal pain and diarrhea] Richter WO, et al. **Internist (Berlin)** 1985 Mar; 26(3):169-72 **(Ger)**

[Artificial infectious diseases. Factitious fever and self-induced infections] Lüscher T, et al. **Schweiz Rundsch Med Prax** 1984 Oct 9;73(41):1229-34 (Eng. Abstr.) **(Ger)**

[Fever, sore throat] Vetter W, et al. **Schweiz Rundsch Med Prax** 1985 Feb 5;74(6):125-7 (Eng. Abstr.) **(Ger)**

[Periodic fever probably caused by dysfunction of the central thermoregulatory area. Report of a case] Ono T, et al. **Nippon Naika Gakkai Zasshi** 1984 Jun;73(6):825-30 **(Jpn)**

[Aspirin test in prolonged subfebrile condition] Briazgunov IP, et al. **Pediatriia** 1984 Dec;(12):28-30 **(Rus)**

[Acute infections with high fever states with a naturally favorable or unfavorable outcome. The role of fever in natural therapy] Tasovac B. **Srp Arh Celok Lek** 1983 Aug; 111(8):1115-23 **(Scc)**

[A febrile state due to a liver abscess] Canak G, et al. **Med Pregl** 1984;37(5-6):237-9 (Eng. Abstr.) **(Scr)**

[Leiomyosarcoma of the splenic hilus: cause of a febrile syndrome (letter)] Jiménez E, et al. **Med Clin (Barc)** 1984 Oct 13;83(11):473-4 **(Spa)**

[Febrile syndrome caused by giant angiofollicular hyperplasia (letter)] Quiroga Prado L, et al. **Med Clin (Barc)** 1985 Jun 15;85(3):123-4 **(Spa)**

FAMILIAL & GENETIC

Familial nephropathic amyloidosis associated with indomethacin responsive fever. Feest TG, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:683-5

HISTORY

Fever: the old and new [letter] Atkins E. **J Infect Dis** 1985 Mar;151(3):570

IMMUNOLOGY

Hyperthermia and the generation and activity of murine influenza-immune cytotoxic T cells in vitro. Müllbacher A. **J Virol** 1984 Dec;52(3):928-31

Interleukin-1 in defence of the host [editorial] **Lancet** 1985 Sep 7;2(8454):536-7

Acute illnesses associated with HTLV-III seroconversion [letter] Farthing C, et al. **Lancet** 1985 Apr 20;1(8434):935-6

Fever, interleukin-1 and host defense against malignancy. Dinarello CA, et al. **Lymphokine Res** 1982;1(3):59-67

METABOLISM

Renal excretion of prostaglandin metabolites, arginine vasopressin, and sodium during endotoxin and endogenous pyrogen induced fever in the goat. Jónasson H, et al. **Acta Physiol Scand** 1984 Apr;120(4):529-36

Fever-specific changes in central MSH and CRF concentrations. Holdeman M, et al. **Am J Physiol** 1985 Jan; 248(1 Pt 2):R125-9

Inhibition of brain protein synthesis suppresses the release of prostaglandin E2 in febrile rabbits. Townsend Y, et al. **Brain Res Bull** 1984 Aug;13(2):335-8

The energetic cost of the fever response in three species of ectothermic vertebrates. Muchlinski AE. **Comp Biochem Physiol [A]** 1985;81(3):577-9

FACS analysis of a hyperthermia-induced alteration in Hoechst 33342 permeability and direct measurement of its relationship to cell survival. Rice GC, et al. **J Cell Physiol** 1985 Mar;122(3):387-96

Evidence against putrescine and polyamines as endogenous mediators of fever. Dascombe MJ, et al. **J Pharm Pharmacol** 1985 May;37(5):365-6

Kinetics of drug action in disease states. IX. Effect of experimental fever on phenobarbital concentrations at onset of loss of righting reflex in rats. Hisaoka M, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):722-4

[Neuronal uptake of 3H-noradrenaline by isolated organs of rats under hyperthermia] Mezidova KhA, et al. **Dokl Akad Nauk SSSR** 1984;277(6):1502-4 **(Rus)**

MICROBIOLOGY

Rises in antibody to enteric gram negative bacilli after open heart surgery: a possible mechanism for postoperative pyrexia. Freeman R, et al **Thorax** 1985 Jul;40(7):538-41

MORTALITY

Malumfashi Endemic Diseases Research Project, XXI. Pointers to causes of death in the Malumfashi area, northern Nigeria. Bradley AK, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):265-71

OCCURRENCE

A 1949 outbreak of Pontiac fever-like illness in steam condenser cleaners. Armstrong CW, et al. **Arch Environ Health** 1985 Jan-Feb;40(1):26-9

A 12-month fever surveillance study in a veterans' long-stay institution. Finnegan TP, et al. **J Am Geriatr Soc** 1985 Sep; 33(9):590-4

Preliminary report: epidemic fatal purpuric fever among children--Brazil. **MMWR** 1985 Apr 26;34(16):217-9

PATHOLOGY

[Sweet's syndrome (acute febrile neutrophilic dermatosis)] Kalamkarian AA, et al. **Vestn Dermatol Venerol** 1985 Jun; (6):7-9 (Eng. Abstr.) **(Rus)**

[Ultrastructural analysis of the phenomenon of acute neuronal swelling] Olfa AI, et al. **Zh Nevropatol Psikhiatr** 1985; 85(7):1016-20 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Effect of hyperthermia induced by environmental heat stress on vascular interoceptor reflexes. Yang K, et al. **Acta Acad Med Wuhan** 1985;5(2):86-91

Does fever or myalgia indicate reduced physical performance capacity in viral infections? Friman G, et al. **Acta Med Scand** 1985;217(4):353-61

Changes of minute ventilation in rabbits in experimental hyperthermia. Głowicki K, et al. **Acta Physiol Pol** 1984 Mar-Apr;35(2):171-6

'Paradoxical' effect of carbon dioxide on common carotid artery blood flow in rabbits during hypothermia and hyperthermia. Głowicki K, et al. **Acta Physiol Pol** 1984 May-Jun;35(3):207-13

Activation of acute-phase responses by intrapreoptic injections of endogenous pyrogen in guinea pigs. Blatteis CM, et al. **Brain Res Bull** 1984 Jun;12(6):689-95

Effect of age on fever and acute-phase response of rats to endotoxin and Salmonella typhimurium. Tocco-Bradley R, et al. **Infect Immun** 1985 Jan;47(1):106-11

Severity of fever in influenza: studies on the relation between viral surface antigens, pyrexia, level of nasal virus and inflammatory response in the ferret. Coates DM, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1627-31

Fever and survival in aged mice after endotoxin challenge. Hoffman-Goetz L, et al. **J Gerontol** 1985 Jan;40(1):15-22

The child with fever. Wong HB. **J Singapore Paediatr Soc** 1984;26(3-4):138-44

Symposium on infections in the compromised host. Significance of fever in the compromised host. Cunha BA. **Nurs Clin North Am** 1985 Mar;20(1):163-9

Differential acute-phase responses in febrile and cold- and heat-exposed rabbits. Mashburn TA Jr, et al. **Pflugers Arch** 1984 Oct;402(2):157-61

Footshock induced hyperthermia. Pechnick RN, et al. **Proc West Pharmacol Soc** 1984;27:519-22

Effects of lead and hyperthermia on prenatal brain growth of guinea pigs. Edwards MJ, et al. **Teratology** 1984 Dec; 30(3):413-21

The effect of low ambient temperature on the febrile responses of rats to semi-purified human endogenous pyrogen. Stitt JT, et al. **Yale J Biol Med** 1985 Mar-Apr; 58(2):189-94

[Fever in labor and delivery. Study of 100 cases of febrile parturient patients in comparison with 100 controls] Berland M. **Rev Fr Gynecol Obstet** 1984 Jun;79(6):485-7 **(Fre)**

[Fever in labor and delivery. Physiopathologic data and clinical implications] Chabert P. **Rev Fr Gynecol Obstet** 1984 Jun;79(6):483-5 **(Fre)**

[Effect of hyperthermia on body temperature and the catecholamine content of the hypothalamus of white rats] Sultanov FF, et al. **Dokl Akad Nauk SSSR** 1984; 277(5):1274-6 **(Rus)**

[Structural bases for the minimization of function of the proximal epitheliocytes of the nephrons in a single acute overheating of the body] Mkrtchan OZ. **Tsitol Genet** 1984 Sep-Oct;18(5):323-6 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

T-tube suction drainage and/or prophylactic two-dose metronidazole in abdominal hysterectomy. Kvist Poulsen H, et al. **Acta Obstet Gynecol Scand** 1984;63(8):711-4

Preventing febrile complications of suction curettage abortion. Park TK, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):252-5

Prevention of thermal injuries during distance running. Position stand. American College of Sports Medicine. **Med J Aust** 1984 Dec 8-22;141(12-13):876-9

American College of Sports Medicine position stand on prevention of thermal injuries during distance running. **Med Sci Sports Exerc** 1984 Oct;16(5):ix-xiv

[Avoidance of seasonal pyrogen reactions] Pan QW. **Chung Hua Hu Li Tsa Chih** 1985 Jun;20(3):163-4 **(Chi)**

[Microaggregate-poor blood used as leukocyte-poor blood] Skottun T, et al. **Ugeskr Laeger** 1984 Sep 10;146(37):2780-1 (Eng. Abstr.) **(Dan)**

PSYCHOLOGY

The 'typhoid state' revisited. Verghese A. **Am J Med** 1985 Sep;79(3):370-2

RADIOGRAPHY

Dyspnea, fever and miliary pattern. Curull V, et al. **Chest** 1985 Aug;88(2):285-6

[Unexplained prolonged fever and inflammatory syndromes. Diagnostic value of abdominal X-ray computed tomography. Randomized prospective study of 36 cases] Lebas J, et al. **Presse Med** 1985 Mar 9;14(10):577-81 (Eng. Abstr.) **(Fre)**

THERAPY

Treatment of febrile infants [letter] Baker RB. **Am J Dis Child** 1984 Nov;138(11):1088

Evaluation of sponging to reduce body temperature [letter] **Can Med Assoc J** 1985 Jun 15;132(12):1350, 1352

Evaluation of sponging to reduce body temperature in febrile children. Newman J. **Can Med Assoc J** 1985 Mar 15; 132(6):641-2

Primary care of hyperpyrexia. Evaluation of a simple physical method. Ghosh JB, et al. **Indian Pediatr** 1984 Dec; 21(12):951-4

Parental fever phobia and its correlates. Kramer MS, et al. **Pediatrics** 1985 Jun;75(6):1110-3

Care of the child with fever: a quality assurance study. Wagner PL, et al. **QRB** 1984 Oct;10(10):325-30

[Fever in the infant] Beaufils F, et al. **Arch Fr Pediatr** 1985 Jan;42(1):53-61 **(Fre)**

[Electroconvulsive and dantrolene treatment of acute febrile catatonia. A case report] Renfordt E, et al. **Nervenarzt** 1985 Mar;56(3):153-6 **(Ger)**

[Effect of a low-frequency alternating magnetic field on the course of pyrogenal-induced fever] Shishlo MA, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):54-5 **(Rus)**

URINE

Effect of hyperpyrexia on urinary antidiuretic hormone. Puri VN. **Indian Pediatr** 1984 May;21(5):373-5

Fever and proximal tubular function in acute pyelonephritis. Sandberg T, et al. **Nephron** 1985;41(1):39-44

VETERINARY

Influence of Escherichia coli endotoxin-induced fever on pharmacokinetics of imidocarb in dogs and goats. Abdullah AS, et al. **Am J Vet Res** 1984 Dec;45(12):2645-8

Acute toxoplasmosis in hamsters and mice: measurement of pathogenicity by fever and weight loss. Elwell MR, et al. **Am J Vet Res** 1984 Dec;45(12):2663–7

Influence of endotoxin-induced fever on the pharmacokinetics of gentamicin in ewes. Wilson RC, et al. **Am J Vet Res** 1984 Dec;45(12):2495–7

Studies on Mycoplasma mycoides subsp. mycoides (LC) in lambs and calves. Truscott RB, et al. **Can J Comp Med** 1985 Apr;49(2):233–4

Dystocia and fatal hyperthermic episode in a giraffe. Citino SB, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1440–2

Effects of dipyrone on endotoxin-induced fever, central nervous depression and hypoglycaemia in sheep. Naylor JM, et al. **J Vet Pharmacol Ther** 1984 Sep;7(3):233–8

Clinical and experimental modifications of plasma iron and zinc concentrations in cattle. Depelchin BO, et al. **Vet Rec** 1985 May 11;116(19):519–21

FEVER BLISTER VIRUS see HERPESVIRUS HOMINIS

FEVER OF UNKNOWN ORIGIN

DRUG THERAPY

Indomethacin therapy to control debilitating fever of unknown origin [letter] French J. **Aust NZ J Med** 1985 Apr;15(2):270–1

Fever of unexplained origin, biochemical Cushing's disease and cerebral dysrhythmia corrected by valproate sodium. López-Moreno JM, et al. **Can Med Assoc J** 1985 Jan 15; 132(2):150–4

ETIOLOGY

Fever without a focus. Gutierrez-Nunez JJ, et al. **Am Fam Physician** 1985 Jul;32(1):138–44

Fever of unknown origin in a 71-year-old woman [clinical conference] **Am J Med** 1985 Sep;79(3):373–84

Behçet's disease preceded by fever of unknown origin [letter] Gotfried M, et al. **Arch Intern Med** 1985 Jul;145(7):1329

Absence of correlation between liver metastases and unexplained fever episodes. Aderka D, et al. **Cancer** 1985 Jun 15;55(12):2830–4

Hepatocellular carcinoma presenting as a fever of undetermined origin. Stein CM, et al. **Cent Afr J Med** 1985 Feb;31(2):21–2

Incidental finding of intense thyroid radiogallium activity during febrile illness. White WB, et al. **Clin Nucl Med** 1985 Feb;10(2):71–4

Association of temperature greater than 41.1 degrees C (106 degrees F) with serious illness. Press S, et al. **Clin Pediatr (Phila)** 1985 Jan;24(1):21–5

Primary fibroxanthosarcoma of the kidney presenting as fever of unknown origin. Brauman A, et al. **Eur Urol** 1985; 11(2):134–5

An unusual case of colonic leiomyosarcoma presenting with fever––significant uptake of radioactivity of gallium-67 in the tumor. Suzuki A, et al. **Gastroenterol Jpn** 1984 Oct; 19(5):486–92

Evidence for the non-infectious etiology of early postoperative fever. Garibaldi RA, et al. **Infect Control** 1985 Jul;6(7):273–7

Epidemiological and entomological features of an outbreak of fever in Meghraj Block, Sabarkantha District, Gujarat State (India) in 1980. Ghosh TK, et al. **J Commun Dis** 1984 Sep;16(3):208–18

A prospective randomized trial of central venous catheter removal versus intravenous amphotericin B in febrile neutropenic patients. Lazarus HM, et al. **JPEN** 1984 Sep–Oct;8(5):501–5

Predictive value of abnormal physical examination findings in ill-appearing and well-appearing febrile children. McCarthy PL, et al. **Pediatrics** 1985 Aug;76(2):167–71

Ovarian carcinoma presenting as pyrexia of unknown origin. Schofield PM, et al. **Postgrad Med J** 1985 Feb; 61(712):177–8

[Fever 13 years following an aortofemoral bypass operation] Lins RL, et al. **Acta Clin Belg** 1984;39(3):167–70 (Eng. Abstr.) **(Dut)**

[Prolonged fever and schizocytosis disclosing myxoma of the left atrium (letter)] Vermeulen C, et al. **Presse Med** 1984 Nov 10;13(40):2457 **(Fre)**

[45-year-old patient with fever, changing organ symptoms, hypertension] Mundinger A, et al. **Internist (Berlin)** 1984 Jun;25(6):387–8 **(Ger)**

[Fever of unknown origin] Reinbold WD, et al. **Radiologe** 1984 Nov;24(11):532–4 (Eng. Abstr.) **(Ger)**

[Analysis of hospitalized patients with fever of unknown origin (FUO) during 11 years] Iikuni Y, et al. **Nippon Naika Gakkai Zasshi** 1984 Jul;73(7):944–52 **(Jpn)**

[A case of ulcerative colitis with amyloidosis initially presented as fever of unknown origin] Kyogashima M, et al. **Nippon Naika Gakkai Zasshi** 1984 Jun;73(6):849–55 **(Jpn)**

[Diagnosis of diseases presenting with high temperature in therapeutic practice] El'shtein NV. **Klin Med (Mosk)** 1984 Sep;62(9):134–40 **(Rus)**

[Fever of unknown origin: a diagnostic algorithm] Demin AA, et al. **Ter Arkh** 1984;56(11):94–9 **(Rus)**

[Usefulness of hepatic biopsy in fever of unknown origin] Moreno A, et al. **Med Clin (Barc)** 1985 Jul 6;85(6):228–30 **(Spa)**

[Contribution of laparoscopy and hepatic biopsy to the diagnosis of the fever-of-unknown-origin syndrome] Trujillo L, et al. **Rev Clin Esp** 1984 Sep 15;174(5):179–82 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

The value of screening for autoantibodies in patients with non-specific symptoms. Patel C, et al. **Postgrad Med J** 1985 Jun;61(716):509–10

OCCURRENCE

Fever of unknown origin: a survey on 133 patients. Barbado FJ, et al. **J Med** 1984;15(3):185–92

RADIONUCLIDE IMAGING

Indium leucocyte imaging in true pyrexia of unknown origin. Hawker RJ, et al. **Eur J Nucl Med** 1985;10(3–4):172–4

[Detection of inflammatory processes using indium 111-labeled granulocytes] Syrjälä M, et al. **Duodecim** 1984; 100(14):855–62 (Eng. Abstr.) **(Fin)**

FEVER THERAPY see HYPERTHERMIA, INDUCED

FIBER OPTICS

A method for measuring the size of the gastric outlet in obesity surgery. Näslund I. **Acta Chir Scand** 1984; 150(5):399–404

Fiberoptic guide for endotracheal intubation [letter] Milstein JM. **Am J Dis Child** 1985 May;139(5):442–3

A fiberoptic diathermy tissue manipulator for use in vitreous surgery [letter] McCuen BW 2d, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):803–4

The use of the pediatric fiberoptic bronchoscope in adults. Prakash UB. **Am Rev Respir Dis** 1985 Sep;132(3):715–7

The role of fiberoptic bronchoscopy in the evaluation of immunocompromised hosts with diffuse pulmonary infiltrates. Williams D, et al. **Am Rev Respir Dis** 1985 Jun; 131(6):880–5

Enzyme-based fiber optic sensor. Arnold MA. **Anal Chem** 1985 Feb;57(2):565–6

Fiber optic based sensor for bioanalytical absorbance measurements. Coleman JT, et al. **Anal Chem** 1984 Oct; 56(12):2246–9

Nasoenteral feeding tube insertion via fiberoptic endoscope for enteral hyperalimentation. Mann NS, et al. **J Am Coll Nutr** 1984;3(4):333–9

Interrupted reflection fibre optic communication device for the severely disabled. Grattan KT, et al. **J Biomed Eng** 1984 Oct;6(4):321–2

Fibre optic guided nasal intubation––shouldn't we be the experts? Gleeson MJ, et al. **J Laryngol Otol** 1985 Aug; 99(8):775–8

The flexible fibreoptic rhinolaryngoscope. Lancer JM, et al. **J Laryngol Otol** 1985 Aug;99(8):767–70

Flexible fibreoptic rhinolaryngoscopy. Results of 338 consecutive examinations. Lancer JM, et al. **J Laryngol Otol** 1985 Aug;99(8):771–3

Fibreoptic bronchoscopy—a major step in diagnostics. Jawad F. **JPMA** 1985 Feb;35(2):38–40

Fiberoptic manipulation of the upper airway and the preoperative assessment for uvulopalatopharyngoplasty. Hausfeld JN. **Laryngoscope** 1985 Jun;95(6):738

Laser recannalization of atheromatous vessels using fiber optics. Ward H. **Lasers Surg Med** 1984;4(4):353–63

[Use of fiber optics in difficult intubations in young children] Andrieu-Guitrancourt J, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(6):481–4 (Eng. Abstr.) **(Fre)**

[Endoscopy, fiber optics and video] Lambert R. **Gastroenterol Clin Biol** 1985 Mar;9(3):228–34 **(Fre)**

[Fiber bronchoscopy] Petermann W. **Dtsch Med Wochenschr** 1985 Jul 5;110(27):1091–5 **(Ger)**

[Re-evaluation of the time and opportunity for fibroscopy in the diagnosis of upper digestive hemorrhage] Campra JL. **Rev Fac Cien Med Univ Nac Cordoba** 1983;41(2):21–3 **(Spa)**

DIAGNOSTIC USE

Fiberoptic laryngoscopy in the emergency department. Schafermeyer RW. **Am J Emerg Med** 1984 Mar;2(2):160–3

The benefits of systematic fiberoptic flexible sigmoidoscopy. Yarborough GW, et al. **Arch Intern Med** 1985 Jan; 145(1):95–6

Role of fiberoptic bronchoscopy in patients with hemoptysis and a normal chest roentgenogram. Jackson CV, et al. **Chest** 1985 Feb;87(2):142–4

INSTRUMENTATION

A method for measuring the size of the gastric outlet in obesity surgery. Näslund I. **Acta Chir Scand** 1984; 150(5):399–404

Nonionizing radiation aspects of optical fiber manufacturing. Huggins RG, et al. **Am Ind Hyg Assoc J** 1984 Dec; 45(12):796–801

A fiber optic PCO2 sensor. Vurek GG, et al. **Ann Biomed Eng** 1983;11(6):499–510

Continuous monitoring of tissue pH with a fiberoptic conjunctival sensor. Abraham E, et al. **Ann Emerg Med** 1985 Sep;14(9):840–4

Flexible nontoxic fiberoptic delivery system for the carbon dioxide laser. Rontal M, et al. **Ann Otol Rhinol Laryngol** 1985 Jul–Aug;94(4 Pt 1):357–60

Flexible neonatalscope. Silberman HD, et al. **Ann Otol Rhinol Laryngol** 1984 Sep–Oct;93(5 Pt 1):471–2

Fibrescopes in urology. Fowler CG. **Br J Hosp Med** 1984 Oct;32(4):202–5

Evaluation of the jet injector in paediatric fibreoptic bronchoscopes. Sloan IA, et al. **Can Anaesth Soc J** 1985 Jan;32(1):79–81

Experimental angioplasty: circumferential distribution of laser thermal energy with a laser probe. Sanborn TA, et al. **J Am Coll Cardiol** 1985 Apr;5(4):934–8

Disinfection of a new generation of fibre-endoscopes [letter] Meuwissen SG, et al. **J Hosp Infect** 1984 Dec;5(4):460–1

Fiber optic probe cytometer. Briggs J, et al. **J Immunol Methods** 1985 Jul 16;81(1):73–81

'Hot tip': another method of laser vascular recanalization. Abela GS, et al. **Lasers Surg Med** 1985;5(3):327–35

Medical applications of fiberoptic sensors. Schultz JS. **Med Instrum** 1985 Jul–Aug;19(4):158–63

An endoscopic Doppler probe for assessing intestinal vasculature. Martin RW, et al. **Ultrasound Med Biol** 1985 Jan–Feb;11(1):61–9

[Pyeloureteroscopy with a fiberscope] Schultz A, et al. **Ugeskr Laeger** 1984 Jun 11;146(24):1793–6 (Eng. Abstr.) **(Dan)**

[Flexible fiber endoscopy in ENT] Yamashita K, et al. **HNO** 1984 Sep;32(9):378–84 (Eng. Abstr.) **(Ger)**

[Application of flexible fiberscope to cardiac surgery] Yamaguchi A, et al. **Kyobu Geka** 1985 Jan;38(1):29–30 (Eng. Abstr.) **(Jpn)**

[Device for controlling the brightness of end sections of fiber optic bundles] Guzhevskaia AV, et al. **Med Tekh** 1985 Mar–Apr;(2):29–30 **(Rus)**

METHODS

Combined bronchoscopy and esophagoscopy using a flexible fiberoptic bronchoscope. Grannis FW Jr. **Chest** 1985 Feb; 87(2):261

FIBRIN

Effects of semi-dilute actin solutions on the mobility of fibrin protofibrils during clot formation. Janmey PA, et al. **Biochim Biophys Acta** 1985 Aug 16;841(2):151–8

Stress relaxation in fine fibrin films: comparison of films prepared with thrombin and ancrod. Müller MF, et al. **Biopolymers** 1984 Nov;23(11 Pt 1):2311–23

The platelet-fibrin plug in esophageal variceal hemorrhage: the Mount St. Helens' sign [letter] Chung RS, et al. **Gastrointest Endosc** 1984 Aug;30(4):270

Effect of fibronectin on adherence of Staphylococcus aureus to fibrin thrombi in vitro. Toy PT, et al. **Infect Immun** 1985 Apr;48(1):83–6

Horn's operation in the treatment of stress incontinence. McGuinness EP. **Ir J Med Sci** 1985 Apr;154(4):156–7

Pulmonary trapping of platelets and fibrin after musculoskeletal trauma: an experimental model. Jansson I, et al. **J Trauma** 1985 Apr;25(4):288–98

Autologous fibrin tissue adhesive. Siedentop KH, et al. **Laryngoscope** 1985 Sep;95(9 Pt 1):1074–6

A new method for venous interposition grafts using fibrin glue. Sugiura K, et al. **Microsurgery** 1985;6(2):125–8

Kinetic study on the initial stage of the fibrinogen-fibrin conversion by thrombin. (III) Effects of competitive inhibitors. Sato H, et al. **Thromb Res** 1985 Jan 15; 37(2):327–35

Acceleration of fibrin gel formation by unrelated proteins. Wilf J, et al. **Thromb Res** 1985 Mar 15;37(6):681–8

[Preparation of DNA-fibrin] Yang SX. **Sheng Li Ko Hsueh Chin Chan** 1984 Jan;15(1):95–6 **(Chi)**

[Nerve grafting with a fibrin seal] Osgaard O. **Ugeskr Laeger** 1984 Jul 16;146(29):2150–2 (Eng. Abstr.) **(Dan)**

[Experimental and clinical studies of an 'in-vitro fibrin preclotting' method] Izumi Y. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Aug;32(8):1205–14 (Eng. Abstr.) **(Jpn)**

[Complexes of the N-terminal disulfide branch point of fibrin with fibrinogen] Pozdniakova TM, et al. **Ukr Biokhim Zh** 1985 Jan–Feb;57(1):3–8 (Eng. Abstr.) **(Rus)**

[Our experience with a fibrin adhesive] Mallea I, et al. **An Otorrinolaringol Ibero Am** 1985;12(3):243–50 (Eng. Abstr.) **(Spa)**

ADMINISTRATION & DOSAGE

[Experiences with fibrin adhesives in surgery of the rectum and colon] Athanasiadis S, et al. **Zentralbl Chir** 1984; 109(17):1107–11 (Eng. Abstr.) **(Ger)**

[Prevention of intraperitoneal suture insufficiency using fibrin adhesives] Pointner R, et al. **Zentralbl Chir** 1984; 109(17):1146–8 **(Ger)**

ADVERSE EFFECTS

[Risk of transmission of hepatitis through human fibrin adhesives] Sugg U. **Dtsch Med Wochenschr** 1985 Jul 26; 110(30):1161–2 (Eng. Abstr.) **(Ger)**

ANALYSIS

Specific identification of fibrin polymers, fibrinogen degradation products, and crosslinked fibrin degradation products in plasma and serum with a new sensitive technique. Connaghan DG, et al. **Blood** 1985 Mar;65(3):589–97

The role of fibrinogen alpha C-domains in the fibrin assembly process. Medved' LV, et al. **FEBS Lett** 1985 Feb 11;181(1):109–12

An improved method for the demonstration of fibrin in biopsies of rabbit skin homografts. Bullock GR, et al. **Histochem J** 1985 Feb;17(2):143–51

Rheumatoid nodules. A lightmicroscopical study with special reference to fibrin and fibronectin. Hølund B, et al. **Histochemistry** 1984;80(5):463–7

Immunohistochemical localization of pregnancy-associated plasma protein A in decidua and trophoblast: comparison with human chorionic gonadotrophin and fibrin. Schindler AM, et al. **Placenta** 1984 May–Jun;5(3):227–35

Dysfibrinogenaemia associated with a defect in the aggregation of the fibrin monomers (Almeria I fibrinogen). A preliminary study. Vila V, et al. **Scand J Haematol** 1984 Nov;33(5):460–5

[Method for determining the age of the fibrin in the disseminated intravascular coagulation syndrome] Zerbino DD, et al. **Arkh Patol** 1984;46(8):72–5 (Eng. Abstr.) **(Rus)**

[Mechanism of inhibition of non-enzymatic fibrinolysis by a spleen factor] Liapina LA, et al. **Biokhimiia** 1985 Jan;50(1):69–73 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

[Amino-acid composition of the fibrin self-assembly inhibitor from rat plasma and tissue] Byshevskiĭ ASh, et al. **Biokhimiia** 1984 Dec;49(12):1934–9 (Eng. Abstr.) **(Rus)**

[Possible role of the inhibitor of fibrin self-assembly in regulating blood coagulation] Byshevskiĭ ASh, et al. **Gematol Transfuziol** 1985 Jan;30(1):35–8 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Fibronectin initiates fibrin production by rabbit corneal endothelial cells in vitro. Labermeier U, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1114–7

Effect of heparin bonding on catheter-induced fibrin formation and platelet activation. Nichols AB, et al. **Circulation** 1984 Nov;70(5):843–50

IMMUNOLOGY

Progressive exposure of E-neoantigen associated with degradation of crosslinked fibrin by plasmin in vitro. Stegnar M, et al. **Thromb Haemost** 1984 Dec 29;52(3):315–20

METABOLISM

Terminal plasmin degradation products D and E of duck fibrinogen and their effect on polymerization of fibrin. Krajewski T, et al. **Acta Biochim Pol** 1985;32(2):144–54

The procoagulant effect of zinc on fibrin clot formation. Marx G, et al. **Am J Hematol** 1985 Jun;19(2):151–9

Gold labeling of thrombin and ultrastructural studies of thrombin-gold conjugate binding by fibrin. Liu CY, et al. **Anal Biochem** 1985 May 15;147(1):49–56

Immobilized thrombolytic enzymes possessing increased affinity toward substrate. Torchilin VP, et al. **Ann NY Acad Sci** 1984;434:289–91

Comperative pharmacokinetics of ceftazidime in fibrin clots and cardiac vegetations in rabbits with Staphylococcus aureus endocarditis. McColm AA, et al. **Antimicrob Agents Chemother** 1985 Jun;27(6):925–7

Kinetic studies on the interaction of streptokinase and other plasminogen activators with plasminogen and fibrin. Fears R, et al. **Biochem J** 1985 Jul 15;229(2):555–8

Quantitative characterization of the binding of plasminogen to intact fibrin clots, lysine-sepharose, and fibrin cleaved by plasmin. Bok RA, et al. **Biochemistry** 1985 Jun 18;24(13):3279–86

Characterization of soluble polymerized fibrin formed in the presence of excess fibrinogen fragment D. Knoll D, et al. **Biochemistry** 1984 Jul 31;23(16):3708–15

Role of the membrane concanavalin A binding site in platelet-fibrin interactions. Chow TW, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):512–22

Influence of fibrinogen on fibrin polymerization. Ultracentrifugation studies. Preissner KT, et al. **Biochim Biophys Acta** 1985 Jul 1;829(3):358–64

The effect of fibrin polymers on thrombin-catalyzed plasma factor XIIIa formation. Greenberg CS, et al. **Blood** 1985 Aug;66(2):466–9

Stellate fibrin-fibronectin microclot formation from keratinocytes and fibroblasts stimulated by plasma from patients with psoriasis. Juhlin L, et al. **Br J Dermatol** 1985 Mar;112(3):271–6

Serum crosslinked fibrin (XDP) and fibrinogen/fibrin degradation products (FDP) in disorders associated with activation of the coagulation or fibrinolytic systems. Hunt FA, et al. **Br J Haematol** 1985 Aug;60(4):715–22

Expression in E. coli of finger-domain lacking tissue-type plasminogen activator with high fibrin affinity. Kagitani H, et al. **FEBS Lett** 1985 Sep 9;189(1):145–9

On the retraction of collagen and fibrin induced by normal, defective and modified platelets. Jelenska M, et al. **Haemostasis** 1985;15(3):169–75

Comparison of alpha- and gamma-thrombin on lung fluid balance in anesthetized sheep. Garcia-Szabo RR, et al. **J Appl Physiol** 1984 Nov;57(5):1375–83

Tissue plasminogen activator and urokinase mediate the binding of Glu-plasminogen to plasma fibrin I. Evidence for new binding sites in plasmin-degraded fibrin I. Harpel PC, et al. **J Biol Chem** 1985 Apr 10;260(7):4432–40

Characterization of the kinetic pathway for liberation of fibrinopeptides during assembly of fibrin. Lewis SD, et al. **J Biol Chem** 1985 Aug 25;260(18):10192–9

Fibronectin and fibrin gel structure. Okada M, et al. **J Biol Chem** 1985 Feb 10;260(3):1811–20

The fibrin-binding site of human plasminogen. Arginines 32 and 34 are essential for fibrin affinity of the kringle 1 domain. Váli Z, et al. **J Biol Chem** 1984 Nov 25;259(22):13690–4

Tissue-type plasminogen activator increases the binding of glu-plasminogen to clots. Tran-Thang C, et al. **J Clin Invest** 1984 Dec;74(6):2009–16

Fibrin degradation and angiogenesis: quantitative analysis of the angiogenic response in the chick chorioallantoic membrane. Thompson WD, et al. **J Pathol** 1985 Jan;145(1):27–37

Effect of hydroxyethylpiperazine N-2 ethane sulphonic acid (HEPES) on the thrombin clotting time and fibrin polymerisation. Francis JL, et al. **Med Lab Sci** 1984 Jul;41(3):226–31

Effects of fibrinogen-binding tetrapeptides on mechanical properties of fine fibrin clots. Bale MD, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1410–3

Localization of a fibrin gamma-chain polymerization site within segment Thr-374 to Glu-396 of human fibrinogen. Horwitz BH, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5980–4

Comparison of the interactions of fibrinogen and soluble fibrin with washed rabbit platelets stimulated with ADP. Harfenist EJ, et al. **Thromb Haemost** 1985 Apr 22;53(2):183–7

Defective fibrin crosslinking in acute leukemia. Rodeghiero F, et al. **Thromb Haemost** 1984 Dec 29;52(3):343–6

The fibrinolytic action of flufenamate and its influence on plasminogen binding to fibrin. Chevallet-Prandini MH, et al. **Thromb Res** 1985 Jun 1;38(5):481–9

Importance of the interaction between plasminogen and fibrin for plasminogen activation by tissue-type plasminogen activator. Dunn FW, et al. **Thromb Res** 1984 Nov 15;36(4):345–51

Fibrinogen Baltimore IV: congenital dysfibrinogenemia with delayed fibrin monomer polymerization. Ebert RF, et al. **Thromb Res** 1985 Apr 15;38(2):121–8

Fibrinmonomer binding to macrophages mediated by fibrin-binding fibronectin fragments. Hörmann H, et al. **Thromb Res** 1985 Jul 15;39(2):183–94

[Tissue plasminogen activator: a new thrombolytic specific t fibrin] Verstraete M, et al. **Nouv Rev Fr Hematol** 1985;27(1):3–4 **(Fre)**

[Continuous measurement of lysis of radioactively marked fibrin clots] Koth W, et al. **Folia Haematol (Leipz)** 1984;111(6):870–6 (Eng. Abstr.) **(Ger)**

[Interactions in the formation of a fibrin clot] Klingemann HG. **Fortschr Med** 1985 Mar 14;103(10):276–8 (Eng. Abstr.) **(Ger)**

[Studies on fibrin deposition in basement membrane in the biopsied bronchial tissues and respiratory function in patients with bronchial asthma] Ikeda C, et al. **Arerugi** 1985 Jan;34(1):15–22 (Eng. Abstr.) **(Jpn)**

[Coagulation and fibrinolysis system in bladder tumor. 1. Urinary FDP and fibrin deposition around the tumor] Nagai N. **Nippon Hinyokika Gakkai Zasshi** 1985 Jan;76(1):20–30 (Eng. Abstr.) **(Jpn)**

[Fibrin deposits on the surface of tumorous and normal cells] Mkrtchian LN, et al. **Arkh Patol** 1984;46(12):56–60 (Eng. Abstr.) **(Rus)**

[Destabilase: an enzyme of medicinal leech salivary gland secretion hydrolyzes the isopeptide bonds in stabilized fibrin.] Baskova IP, et al. **Biokhimiia** 1985 Mar;50(3):424–31 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Comparative neurophysiological assessments of nerve sutures performed by microsurgical methods and with fibrin glue: experimental study. Faldini A, et al. **Ital J Orthop Traumatol** 1984 Dec;10(4):527–32

The activation of Glu- and Lys-plasminogens by streptokinase: effects of fibrin, fibrinogen and their degradation products. Takada A, et al. **Thromb Res** 1985 Feb 1;37(3):465–75

PHYSIOLOGY

Fibrin-mediated vascular injury. Identification of fibrin peptides that mediate endothelial cell retraction. Rowland FN, et al. **Am J Pathol** 1984 Dec;117(3):418–28

The platelet strip. I. A low-fibrin contractile model of thrombin-activated platelets. Salganicoff L, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):C279–87

Rheological studies of creep and creep recovery of unligated fibrin clots: comparison of clots prepared with thrombin and ancrod. Bale MD, et al. **Biopolymers** 1985 Mar;24(3):461–82

Platelets interact with fibrin only after activation. Hantgan RR, et al. **Blood** 1985 Jun;65(6):1299–311

Fibrin: mediator of in vivo and in vitro injury and inflammation. Rowland FN, et al. **Curr Eye Res** 1985 May;4(5):537–53

Pulmonary fibrin microembolism with Echis carinatus venom in dogs: effects of a synthetic thrombin inhibitor. Schaeffer RC Jr, et al. **J Appl Physiol** 1984 Dec;57(6):1824–8

Incorporation of thrombospondin into fibrin clots. Bale MD, et al. **J Biol Chem** 1985 Jun 25;260(12):7502–8

Modification of fibrin matrix formation in situ enhances nerve regeneration in silicone chambers. Williams LR, et al. **J Comp Neurol** 1985 Jan 8;231(2):209–20

THERAPEUTIC USE

Splenic salvage using biologic glue. Kram HB, et al. **Arch Surg** 1984 Nov;119(11):1309–11

Experimental application of a human fibrin glue in oral surgery. Forabosco A, et al. **Bull Group Int Rech Sci Stomatol Odontol** 1984 Jul;27(3):171–80

[Fistula closure with fibrin glue; correction by the authors (letter)] Bouvy LA. **Ned Tijdschr Geneeskd** 1985 Jan 19;129(3):132 **(Dut)**

[Hungary was first in the use of cartilage adhesives (letter)] **Orv Hetil** 1984 Dec 16;125(51):3150 **(Hun)**

[Repair of cartilage injuries and osteochondral fractures with fibrin glue] Kaplonyi G, et al. **Orv Hetil** 1984 Sep 9;125(37):2237–40, 2243 (Eng. Abstr.) **(Hun)**

URINE

A diagnostic-prognostic test for bladder cancer using a monoclonal antibody-based enzyme-linked immunoassay for detection of urinary fibrin(ogen) degradation products. McCabe RP, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5886–93

FIBRIN FIBRINOGEN DEGRADATION PRODUCTS

[Spatial structure of a vasoactive peptide––a fibrin fragment] Nikolaĭchik VV, et al. **Bioorg Khim** 1983 Jan;9(1):33–5 (Eng. Abstr.) **(Rus)**

ANALYSIS

Systemic markers of fibrinolysis after unsuccessful intracoronary streptokinase thrombolysis for acute myocardial infarction. Does nonreperfusion indicate failure to achieve a systemic lytic state? White CW, et al. **Am J Cardiol** 1984 Oct 1;54(7):712–7

Comparative sensitivity of different methods to detect and quantify circulating fibrinogen/fibrin split products. Drewinko B, et al. **Am J Clin Pathol** 1985 Jul;84(1):58–66

Specific identification of fibrin polymers, fibrinogen degradation products, and crosslinked fibrin degradation products in plasma and serum with a new sensitive technique. Connaghan DG, et al. **Blood** 1985 Mar;65(3):589–97

Serum crosslinked fibrin (XDP) and fibrinogen/fibrin degradation products (FDP) in disorders associated with activation of the coagulation or fibrinolytic systems. Hunt FA, et al. **Br J Haematol** 1985 Aug;60(4):715–22

A quantitative automated immunoassay for fibrinogen/fibrin degradation products. Schifreen RS, et al. **Clin Chem** 1985 Sep;31(9):1468–73

A sensitive latex slide assay for fibrin(ogen) fragment E. Carney JA, et al. **Clin Chim Acta** 1985 Apr 15;147(2):173–7

Soluble fibrin monomer complexes and other hemostatic parameters in patients with intrauterine fetal death. Gilabert J, et al. **Gynecol Obstet Invest** 1985;19(2):82–8

Diagnostic efficacy of estimating fibrinogen/fibrin degradation products in pleural and peritoneal effusion fluids. Dube B, et al. **J Assoc Physicians India** 1984 Jun;32(6):493–5

Conservation of human fibrinogen conformation after cleavage of the B beta chain NH2 terminus. Pandya BV, et al. **J Biol Chem** 1985 Mar 10;260(5):2994–3000

Status of fibrin degradation products in leprosy. Saha K, et al. **J Dermatol (Tokyo)** 1984 Dec;11(6):545–9

A linkage between the hemostatic and immune systems embodied in the fibrinolytic release of lymphocyte suppressive peptides. Edgington TS, et al. **J Immunol** 1985 Jan;134(1):471–7

Diagnostic efficacy of a simple radioimmunoassay test for fibrinogen/fibrin fragments containing the B beta 15–42 sequence. Walenga JM, et al. **Semin Thromb Hemost** 1984 Oct;10(4):252–63

The enhanced activation of Glu-plasminogen by urokinase in the presence of fibrin or des A fibrin as measured by the release of B beta peptide and FDP. Urano T, et al. **Thromb Res** 1984 Dec 1;36(5):429–35

[Determination of serum fibrin/fibrinogen degradation products in patients with cancer and an exploration of huo xue hua yu therapy] Tie Y. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):95–6, 67 (Eng. Abstr.) **(Chi)**

[Analysis of FDP] Ikematsu S, et al. **Rinsho Byori** 1985 Feb;Spec No 61:86–96 (12 ref.) **(Jpn)**

[Antifibrinolytic effect of heparin] Rozenfel'd MA, et al. **Biokhimiia** 1984 Oct;49(10):1672–8 (Eng. Abstr.) **(Rus)**

[Fibrinogen and fibrin degradation products in newborn infants with intracranial birth injuries] Michurina LS, et al. **Pediatriia** 1985 Apr;(4):43–4 (Rus)

[Fibrin/fibrinogen degradation products in the diagnosis of pulmonary thromboembolism] Ena IaM, et al. **Ter Arkh** 1985;57(4):143–6 (66 ref.) (Rus)

[Fibrinogen/fibrin degradation products in the toxemic patient] Ahued Ahued JR, et al. **Ginecol Obstet Mex** 1985 Apr;53(336):83–6 (Eng. Abstr.) (Spa)

BLOOD

[Preoperative determination of fibrin degradation products (FDP) in the sera of patients with suspected gynecologic tumors] Andersen HJ, et al. **Ugeskr Laeger** 1985 May 20; 147(21):1689–91 (Eng. Abstr.) (Dan)

CEREBROSPINAL FLUID

Prediction of cerebral vasospasm value of fibrinogen degradation products (FDP) in the cerebro-spinal fluid (CSF) for prediction of vasospasm following subarachnoid haemorrhage due to a ruptured aneurysm. Guggiari M, et al. **Acta Neurochir (Wien)** 1984;73(1–2):25–33

Source of fibrin/fibrinogen degradation products in the CSF after subarachnoid hemorrhage. Vermeulen M, et al. **J Neurosurg** 1985 Oct;63(4):573–7

[Fibrin fibrinogen degradation products in the cerebrospinal fluid of neurological patients] Nowak S, et al. **Neurol Neurochir Pol** 1984 Nov–Dec;18(6):541–5 (Eng. Abstr.) (Pol)

DIAGNOSTIC USE

Fragment E1 labeled with I-123 in the detection of venous thrombosis. Knight LC, et al. **Radiology** 1985 Aug; 156(2):509–14

IMMUNOLOGY

A monoclonal antibody, specific for human fibrinogen, fibrinopeptide A-containing fragments and not reacting with free fibrinopeptide A. Koppert PW, et al. **Blood** 1985 Sep;66(3):503–7

Immunoscintigraphy and distribution study of experimental tumours using 131I-labelled anti-fibrinogen antibodies. Svihovcová P, et al. **Eur J Nucl Med** 1984;9(10):478–81

Single shot intrasplenic immunization: an advantageous procedure for production of monoclonal antibodies specific for human fibrin fragments. Thorpe R, et al. **Hybridoma** 1984 Winter;3(4):381–5

Progressive exposure of E-neoantigen associated with degradation of crosslinked fibrin by plasmin in vitro. Stegnar M, et al. **Thromb Haemost** 1984 Dec 29; 52(3):315–20

Measurement of autoantibodies against fibrinogen and fibrin degradation products by enzyme-linked immunoassay. Whitaker AN, et al. **Thromb Haemost** 1985 Feb 18; 53(1):80–5

Monoclonal antibodies to fibrinogen-fibrin degradation products which contain D-domain. Matsumoto T, et al. **Thromb Res** 1985 May 1;38(3):297–302

ISOLATION & PURIFICATION

Terminal plasmin degradation products D and E of duck fibrinogen and their effect on polymerization of fibrin. Krajewski T, et al. **Acta Biochim Pol** 1985;32(2):144–54

A simple chromatographic procedure for the purification of the D dimer fragment from crosslinked fibrin. Masci PP, et al. **Anal Biochem** 1985 May 15;147(1):128–35

METABOLISM

Comparison of structures of various human fibrinogens and a derivative thereof by a study of the kinetics of release of fibrinopeptides. Hanna LS, et al. **Biochemistry** 1984 Sep 25;23(20):4681–7

Characterization of soluble polymerized fibrin formed in the presence of excess fibrinogen fragment D. Knoll D, et al. **Biochemistry** 1984 Jul 31;23(16):3708–15

A study of soluble fibrin monomer complexes (SFMC) and plasma fibrinogen in acute myocardial infarction. Jain SM, et al. **Indian J Chest Dis Allied Sci** 1984 Apr–Jun; 26(2):98–103

Correlation between plasma fibrin-fibrinogen degradation product values and CT findings in head injury. Ueda S, et al. **J Neurol Neurosurg Psychiatry** 1985 Jan;48(1):58–60

Quantitative differences in specific binding of fibrinogen fragment D by M-positive and M-negative group-A streptococci. Schmidt KH, et al. **Med Microbiol Immunol (Berl)** 1984;173(3):145–53

Localization of a fibrin gamma-chain polymerization site within segment Thr-374 to Glu-396 of human fibrinogen. Horwitz BH, et al. **Proc Natl Acad Sci USA** 1984 Oct; 81(19):5980–4

Plasma beta-thromboglobulin, fibrinopeptide A and B beta 15–42 antigen in relation to postoperative DVT, malignancy and stanozolol treatment. Douglas JT, et al. **Thromb Haemost** 1985 Apr 22;53(2):235–8

Fibrinogen fragment D is a recognition site for release-related platelet aggregation. Agam G, et al. **Thromb Res** 1985 Mar 15;37(6):629–38

Precipitation of fibrinogen, fibrinogen degradation products and fibrin monomer by histone H3. Gonias SL, et al. **Thromb Res** 1985 Jul 1;39(1):97–116

[Fibrin-fibrinogen degradation products and pregnancy-specific beta 1-glycoprotein (SP 1) in normal and pathological pregnancies] Geyer H, et al. **Geburtshilfe Frauenheilkd** 1984 Dec;44(12):787–91 (Eng. Abstr.) (Ger)

[Fibrin degradation products and prothrombin activity in cerebral hemorrhage] Szirmai I, et al. **Nervenarzt** 1985 Jun; 56(6):316–22 (Ger)

[Role of proteases, plasminogen activators, fibrin fibrinogen degradation products and fibrinopeptides in the growth and development of neoplasms and neoplasm metastases] Farbiszewski R. **Postepy Hig Med Dosw** 1984 Mar–Apr; 38(2):133–55 (165 ref.) (Eng. Abstr.) (Pol)

[Interaction of heavy and light chains of plasmin with fibrinogen E and D fragments] Kudinov SA, et al. **Biokhimiia** 1984 Dec;49(12):2003–7 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Peptide 6A, a fibrin(ogen) degradation product, increases coronary blood flow. Mehta J, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):H457–62

Stimulation of fibrinogen synthesis in cultured rat hepatocytes by fibrinogen fragment E. Qureshi GD, et al. **Biochim Biophys Acta** 1985 Mar 21;844(3):288–95

Alteration of surfactant function due to protein leakage: special interaction with fibrin monomer. Seeger W, et al. **J Appl Physiol** 1985 Feb;58(2):326–38

Effects of fibrinogen degradation products on glomerular mesangial cells in culture. Tsumagari T, et al. **Kidney Int** 1984 Nov;26(5):712–8

Disorganization of cultured vascular endothelial cell monolayers by fibrinogen fragment D. Dang CV, et al. **Science** 1985 Mar 22;227(4693):1487–90

Fibrinogen fragments X, Y, D and E increase levels of plasma fibrinogen and liver mRNAs coding for fibrinogen polypeptides in rats. Princen HM, et al. **Thromb Haemost** 1985 Apr 22;53(2):212–5

Fibrin degradation products increase lung transvascular fluid filtration after thrombin-induced pulmonary microembolism. Johnson A, et al. **Thromb Res** 1985 Feb 15;37(4):543–54

Species specificity in the acceleration of tissue-type plasminogen activator-mediated activation of plasminogens, by fibrinogen cyanogen bromide fragments. Nieuwenhuizen W, et al. **Thromb Res** 1985 Jun 15; 38(6):663–70

Effect of a fibrin(ogen)-derived vasoactive peptide on polymorphonuclear leukocyte emigration. Saldeen K, et al. **Thromb Res** 1985 Jan 1;37(1):85–9

The activation of Glu- and Lys-plasminogens by streptokinase: effects of fibrin, fibrinogen and their degradation products. Takada A, et al. **Thromb Res** 1985 Feb 1;37(3):465–75

PHYSIOLOGY

Fibrin-mediated vascular injury. Identification of fibrin peptides that mediate endothelial cell retraction. Rowland FN, et al. **Am J Pathol** 1984 Dec;117(3):418–28

Anticoagulant properties of purified X-like fragments of human fibrinogen produced by degradation with leukocyte elastase. Sterrenberg L, et al. **Thromb Haemost** 1984 Jul 29;51(3):398–402

[Thrombus formation with special reference to the substrates, fibrinogen and its related substances] Matsuda M. **Rinsho Ketsueki** 1984 Jul;25(7):984–91 (Eng. Abstr.) (Jpn)

URINE

[Determination of urinary fibrinogen degradation product in the toxemia of pregnancy] Wu JS. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Jul;19(3):132–5, 189 (Eng. Abstr.) (Chi)

[Coagulation and fibrinolysis system in bladder tumor. 1. Urinary FDP and fibrin deposition around the tumor] Nagai N. **Nippon Hinyokika Gakkai Zasshi** 1985 Jan; 76(1):20–30 (Eng. Abstr.) (Jpn)

FIBRIN FIBRINOGEN SPLIT PRODUCTS see **FIBRIN FIBRINOGEN DEGRADATION PRODUCTS**

FIBRIN FOAM

ADMINISTRATION & DOSAGE

[Portal vein embolization for hepatoma with lipiodol-fibrin adhesive mixture] Matsuoka T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Nov 25; 44(11):1411–3 (Eng. Abstr.) (Jpn)

THERAPEUTIC USE

Fibrin sponge plugging of hemorrhage from laparoscopic biopsy. Dagnini G, et al. **Gastrointest Endosc** 1985 Feb; 31(1):35–6

A comparison between 2 absorbable hemostatic agents: gelatin sponge (Spongostan) and oxidized regenerated cellulose (Surgicel). Petersen JK, et al. **Int J Oral Surg** 1984 Oct;13(5):406–10

Use of fibrin sealant for reinforcing arterial anastomoses. Jakob H, et al. **J Vasc Surg** 1984 Jan;1(1):171–80

FIBRIN STABILIZING FACTOR see **FACTOR XIII**

FIBRINASE see **FACTOR XIII**

FIBRINOGEN

Fibrin glue in tympanoplasty. Marquet J. **Am J Otol** 1985 Jan;6(1):28–30

Fibrin glue: an effective hemostatic agent for nonsuturable intraoperative bleeding. Rousou JA, et al. **Ann Thorac Surg** 1984 Oct;38(4):409–10

Experience with fibrin seal (Tisseel) in operations for congenital heart defects. Stark J, et al. **Ann Thorac Surg** 1984 Oct;38(4):411–3

Determination of the relative positions of amino acids by partial specific cleavages of end-labeled proteins. Jue RA, et al. **Biochemistry** 1985 Jan 1;24(1):162–70

Immunochemical determination of conformational equilibria for fragments of the B beta chain of fibrinogen. Nagy JA, et al. **Biochemistry** 1985 Feb 12;24(4):882–7

Carbohydrate analysis. Häberli A. **Curr Probl Clin Biochem** 1984;14:225–49 (83 ref.)

Primary structure of two major glycans of bovine fibrinogen. Debeire P, et al. **Eur J Biochem** 1985 Sep 16;151(3):607–11

Acute fulminant non-A, non-B hepatitis leading to chronic active hepatitis after treatment with cryoprecipitate. Lee CA, et al. **Gut** 1985 Jun;26(6):639–41

Application of mechanical impedance measurements to the study of dysfibrinogens. Schreiber WE, et al. **J Lab Clin Med** 1984 Oct;104(4):494–500

Stabilising effect of aminoacids on factor VIII in lyophilised cryoprecipitate [letter] Margolis J, et al. **Lancet** 1984 Dec 8;2(8415):1345

Mislabeling of commercial fibrinogen preparations: bovine or human? Mihalyi E, et al. **Thromb Res** 1984 Sep 15; 35(6):725–8

Kinetic study on the initial stage of the fibrinogen-fibrin conversion by thrombin. (III) Effects of competitive inhibitors. Sato H, et al. **Thromb Res** 1985 Jan 15; 37(2):327–35

[Clinical application of a new fibrin adhesive (Tisseel) in urologic surgery] Miyake K, et al. **Hinyokika Kiyo** 1985 Feb;31(2):357–64 (Eng. Abstr.) (Jpn)

[Kinetic study of the batroxobin-catalyzed release of fibrinopeptide A from human fibrinogen] Watanabe S, et al. **Yakugaku Zasshi** 1985 Apr;105(4):395–400 (Eng. Abstr.) (Jpn)

[Complexes of the N-terminal disulfide branch point of fibrin with fibrinogen] Pozdniakova TM, et al. **Ukr Biokhim Zh** 1985 Jan–Feb;57(1):3–8 (Eng. Abstr.) (Rus)

[The human fibrin adhesive system—Tissucol in surgical medicine] Jankuloski A. **Vojnosanit Pregl** 1985 Jan–Feb; 42(1):44–51 (Ser)

ADMINISTRATION & DOSAGE

[Preoperative endovascular embolization with homologous fibrin] Richling B. **Fortschr Med** 1985 Apr 18;103(15):401–3 (Eng. Abstr.) (Ger)

[A fibrin clot containing of anticancer drug for intra-arterial chemo-embolization therapy. (2) Chemotherapeutic effects on a model hepatoma using VX-2 carcinoma in rabbits] Itoh J, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):258–64 (Eng. Abstr.) (Jpn)

[A fibrin clot containing of anticancer drug for intra-arterial chemo-embolization therapy. (1) Experimental study on basic characteristics in dogs] Itoh J, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):250–7 (Eng. Abstr.) (Jpn)

[Use of fibrinogen in hemorrhages in surgical practice] Fedorova ZD, et al. **Vestn Khir** 1984 Aug;133(8):113–5 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

Lymphadenopathy-associated virus antibodies and T cells in hemophiliacs treated with cryoprecipitate or concentrate. Gjerset GF, et al. **Blood** 1985 Sep;66(3):718–20

[The secretion inhibition effect of fibrin glue in mastectomy scars. A prospective, randomized, clinically controlled study] Nielsen BP, et al. **Ugeskr Laeger** 1985 Jun 17; 147(25):1995–6 (Eng. Abstr.) (Dan)

ANALOGS & DERIVATIVES

Glycosylated A alpha chains in chicken fibrinogen. Grieninger G, et al. **Biochemistry** 1984 Nov 20; 23(24):5888–92

ANALYSIS

Beta-thromboglobulin and fibrinopeptide A in diabetes mellitus as markers of vascular damage. Librenti MC, et al. **Acta Diabetol Lat** 1985 Jan–Mar;22(1):39–45

Fibrinopeptide A and intravascular coagulation in normotensive and hypertensive pregnancy and parturition. Wallmo L, et al. **Acta Obstet Gynecol Scand** 1984; 63(7):637–40

Systemic markers of fibrinolysis after unsuccessful intracoronary streptokinase thrombolysis for acute myocardial infarction. Does nonreperfusion indicate failure to achieve a systemic lytic state? White CW, et al. **Am J Cardiol** 1984 Oct 1;54(7):712–7

A comparative study of the DuPont antithrombin III and fibrinogen assay systems. Bick RL, et al. **Am J Clin Pathol** 1985 May;83(5):541–6

The measurement of fibrinogen by the DuPont aca and Dade methods in patients receiving streptokinase infusions. Lurie AA, et al. **Am J Clin Pathol** 1985 Oct;84(4):526-9

Discrepant fibrinogen values during thrombolytic therapy. Comparison of aca and Data-Fi results using immunofixation. Electrophoresis as a reference. Walker AN, et al. **Am J Clin Pathol** 1985 Oct;84(4):485-9

Assay of human fibrinopeptides by high-performance liquid chromatography. Ebert RF, et al. **Anal Biochem** 1985 Jul; 148(1):70-8

Plasma concentrations of fibrinopeptide A and fibrinopeptide B beta 15-42 in glomerulonephritis and the nephrotic syndrome. Tomura S, et al. **Arch Intern Med** 1985 Jun; 145(6):1033-5

Determination of the sialylation pattern of human fibrinogen glycopeptides with fast atom bombardment. Townsend RR, et al. **Biochemistry** 1984 Dec 18;23(26):6389-92

Determination of the protein content of crystals formed by Mastigocladus laminosus C-phycocyanin, Chroomonas spec. phycocyanin-645 and modified human fibrinogen using an improved Ficoll density gradient method. Bode W, et al. **Biol Chem Hoppe Seyler** 1985 Mar;366(3):287-95

Fibrinogen and its fraction during pregnancy and puerperium. Nakamura Y, et al.
Biol Res Pregnancy Perinatol 1984;5(3):110-2

Specific identification of fibrin polymers, fibrinogen degradation products, and crosslinked fibrin degradation products in plasma and serum with a new sensitive technique. Connaghan DG, et al. **Blood** 1985 Mar; 65(3):589-97

Effects of variant gamma chains and sialic acid content of fibrinogen upon its interactions with ADP-stimulated human and rabbit platelets. Harfenist EJ, et al. **Blood** 1984 Dec;64(6):1163-8

Ultrastructural localization of human platelet thrombospondin, fibrinogen, fibronectin, and von Willebrand factor in frozen thin section. Wencel-Drake JD, et al. **Blood** 1985 Apr;65(4):929-38

Molecular characterization of an abnormal fibrinogen by two-dimensional electrophoresis. Polack B, et al.
Clin Chem 1984 Dec;30(12 Pt 1):2093-7

Fibrinopeptide-A in diabetes mellitus. Relation to levels of blood glucose, fibrinogen disappearance, and hemodynamic changes. Jones RL. **Diabetes** 1985 Sep;34(9):836-43

Plasma fibrinogen response after caesarian section in Nigerians. Reid HL, et al. **East Afr Med J** 1984 Oct; 61(10):765-8

C-terminal lysine residues of fibrinogen fragments essential for binding to plasminogen. Christensen U. **FEBS Lett** 1985 Mar 11;182(1):43-6

The role of fibrinogen alpha C-domains in the fibrin assembly process. Medved' LV, et al. **FEBS Lett** 1985 Feb 11; 181(1):109-12

Rocket immunoelectrophoresis for the rapid quantitation of plasma fibrinogen. Saoji AM, et al.
Indian J Pathol Microbiol 1984 Jan;27(1):1-5

Fibrinopeptides A and B of Japanese monkey (Macaca fuscata) and patas monkey (Erythrocebus patas): their amino acid sequences, restricted mutations, and a molecular phylogeny for macaques, guenons, and baboons. Nakamura S, et al. **J Biochem (Tokyo)** 1985 May;97(5):1487-92

Evaluation of a commercial kit for the radicimmunoassay of fibrinopeptide A. Butt RW, et al. **J Immunoassay** 1984; 5(3-4):245-66

Observation on plasma fibrinogen level in cases of incomplete abortions. Thakur RB. **J Indian Med Assoc** 1984 Oct; 82(10):353-4

Fibrinogen as a risk factor in cardiovascular disease [letter] **N Engl J Med** 1985 Jan 10;312(2):120-1

Abnormal fibrinogens. Matsuda M.
Nippon Ketsueki Gakkai Zasshi 1984 Dec;47(8):1705-11

Interleukin-1 from P388D1: effects upon neutrophils, plasma iron, and fibrinogen in rats, mice, and rabbits. Kampschmidt RF, et al. **Proc Soc Exp Biol Med** 1985 Jun;179(2):197-200

Cryoprecipitate and Factor VIII commercial concentrates: in vitro characteristics and in vivo compartmental analysis. Morfini M, et al. **Ric Clin Lab** 1984 Oct-Dec;14(4):681-91

Dysfibrinogenaemia associated with a defect in the aggregation of the fibrin monomers (Almeria I fibrinogen). A preliminary study. Vila V, et al. **Scand J Haematol** 1984 Nov;33(5):460-5

Purification and primary structures of duck fibrinopeptides A and B. Yuan M, et al. **Sci Sin [B]** 1985 Jan;28(1):31-5

Development and performance characteristics of a competitive enzyme immunoassay for fibrinopeptide A. Amiral J, et al. **Semin Thromb Hemost** 1984 Oct; 10(4):228-42

Development of fibrinopeptide A generation tests in the evaluation and the monitoring of the action of heparin and its low molecular weight fractions. Emanuele RM, et al. **Semin Thromb Hemost** 1984 Oct;10(4):243-51

Performance characteristics of a simple radioimmunoassay for fibrinopeptide A. Walenga JM, et al.
Semin Thromb Hemost 1984 Oct;10(4):219-27

Measurement of fibrinogen concentrations in suspensions of washed rabbit and human platelets by radioimmunoassays. Harfenist EJ, et al. **Thromb Haemost** 1985 Feb 18; 53(1):110-5

A functional photometric assay for plasma fibrinogen. Becker U, et al. **Thromb Res** 1984 Sep 1;35(5):475-84

Peptide heterogeneity in a preparation of synthetic fibrinopeptide B. Perry MJ, et al. **Thromb Res** 1984 Sep 15;35(6):697-702

Fibrinogen Seattle II: defective release of fibrinopeptide A in a slow clotting fibrinogen. Schreiber WE, et al.
Thromb Res 1985 Jan 1;37(1):45-52

[Acquired dysfibrinogenemia in renal insufficiency and the effect of hemodialysis] Charvát J, et al. **Cas Lek Cesk** 1985 Mar 15;124(11):344-7 (Eng. Abstr.) **(Cze)**

[Plasma fibrinogen as a parameter of the presence and severity of inflammation in horses and cattle] van Wuijckhuise-Sjouke LA. **Tijdschr Diergeneeskd** 1984 Nov 1;109(21):869-72 (Eng. Abstr.) **(Dut)**

[Role of fibrinogen among the inflammatory proteins in neonatal infections] Relier JP, et al. **Pediatrie** 1984 Jul-Aug; 39(5):379-83 (Eng. Abstr.) **(Fre)**

[Practical method for diagnosing and following the development of infection in the neonatal period] Willard D. **Pediatrie** 1984 Jul-Aug;39(5):395-8 **(Fre)**

[Cytostatic agent-induced increase of fibrinopeptide A levels (letter)] Zurborn KH, et al. **Dtsch Med Wochenschr** 1984 Nov 23;109(47):1823 **(Ger)**

[Plasma fibrinogen in female patients with genital cancer and its early stage] Lober R, et al. **Folia Haematol (Leipz)** 1985; 112(1):71-81 (Eng. Abstr.) **(Ger)**

[Fibrinogen as a source of interference in heterogeneous enzyme immunoassays] Allner R.
J Clin Chem Clin Biochem 1985 Apr;23(4):231-40 (Eng. Abstr.) **(Ger)**

[Immunological study of late cerebral vasospasm in subarachnoid hemorrhage. Detection of immunoglobulins, C3, and fibrinogen in cerebral arterial walls by immunofluorescence method] Hoshi T, et al.
Neurol Med Chir (Tokyo) 1984 Sep;24(9):647-54 (Eng. Abstr.) **(Jpn)**

[Coagulation-fibrinolysis abnormalities in acute stage hypertensive intra-cerebral hemorrhage and head injury (preliminary report). With special reference to fibrinopeptides A and B beta 15-42] Touho H, et al.
Neurol Med Chir (Tokyo) 1985 Mar;25(3):203-8 (Eng. Abstr.) **(Jpn)**

[Coagulation-fibrinolysis abnormalities in acute stage of subarachnoid hemorrhage (Part 1)—With special reference to the relation between cerebral vasospasm and fibrinopeptides A and B beta] Touho H, et al.
No To Shinkei 1984 Oct;36(10):1009-14 (Eng. Abstr.) **(Jpn)**

[The values of plasminogen, antithrombin III, factor XIII and fibrinogen according to age and sex] Ogawa K, et al. **Rinsho Byori** 1984 Jun;32(6):679-82 **(Jpn)**

[Reference standards for plasma fibrinogen concentration] Augustyniak W, et al. **Pol Tyg Lek** 1984 Nov 26; 39(48):1587-9 (Eng. Abstr.) **(Pol)**

[Mechanism of inhibition of non-enzymatic fibrinolysis by a spleen factor] Liapina LA, et al. **Biokhimiia** 1985 Jan; 50(1):69-73 (Eng. Abstr.) **(Rus)**

[Biochemical characteristics of an inflammatory destructive process in the lungs in dust-induced bronchitis] Shatskaia NN, et al. **Gig Tr Prof Zabol** 1984 Dec;(12):18-21 **(Rus)**

[Fibrinogen in diseases of the liver and its effect on the development of hemorrhage] Paštrakuljić N.
Srp Arh Celok Lek 1983 Sep-Oct;111(9-10):1317-23 (Eng. Abstr.) **(Scc)**

ANTAGONISTS & INHIBITORS

[Hemodilution, defibrinogenation and plasmapheresis in hemorheology] Bartolo M. **Ric Clin Lab** 1985;15 Suppl 1:439-54 (Eng. Abstr.) **(Ita)**

BIOSYNTHESIS

Effect of amines on fibrinogen synthesis. Roy AK, et al. **Arch Biochem Biophys** 1985 Jun;239(2):364-7

Stimulation of fibrinogen synthesis in cultured rat hepatocytes by fibrinogen fragment E. Qureshi GD, et al. **Biochim Biophys Acta** 1985 Mar 21;844(3):288-95

Fibrinogen biosynthesis in isolated guinea pig megakaryocytes. Leven RM, et al. **Blood** 1985 Feb; 65(2):501-4

Evidence that production of platelet fibrinogen is synchronous with platelet production in the turpentine-induced acute phase response. Williams JE, et al. **J Lab Clin Med** 1985 Sep;106(3):343-8

Fibrinogen synthesis by megakaryocyte rich human marrow cell concentrates. Belloc F, et al. **Thromb Res** 1985 May 15;38(4):341-51

[A rare case of congenital hypodysfibrinogenemia] Fedorova ZD, et al. **Gematol Transfuziol** 1985 Jan;30(1):22-7 (Eng. Abstr.) **(Rus)**

BLOOD

Diagnostic and prognostic value of serum copper and plasma fibrinogen in hepatic carcinoma. Miatto O, et al. **Cancer** 1985 Feb 15;55(4):774-8

Fibrinopeptide A in the diagnosis and treatment of deep venous thrombosis and pulmonary embolism. Joist JH.
Clin Lab Med 1984 Jun;4(2):363-80

Plasma fibronectin, factor VIII-related antigen and fibrinogen concentrations, and diabetic retinopathy. Davis TM, et al. **Diabete Metab** 1985 Jun;11(3):147-51

Spontaneous bilateral extradural hematomas. Case report. Kuwayama N, et al. **J Neurosurg** 1985 Jan;62(1):139-41

Specific fibrinogen quantitation by electroimmunodiffusion in agarose gel containing heparin. Fabrizi P, et al.
Thromb Res 1984 Nov 15;36(4):353-61

DIAGNOSTIC USE

A combined study of the strain gauge plethysmography and I-125 fibrinogen leg scan in the differentiation of deep vein thrombosis and postphlebitic syndrome. AbuRahma AF, et al. **Am Surg** 1984 Nov;50(11):585-8

The 125I-labelled fibrinogen uptake test in elective hip surgery. Suomalainen O, et al. **Ann Clin Res** 1985;17(1):24-6

beta 2-Microglobulin in vitro and 99mTc-fibrinogen in vivo in the follow-up of renal transplants. Riccabona G, et al. **Contrib Nephrol** 1984;42:130-5

An experimental study of deep-vein thrombosis using 99mTc-fibrinogen. Higashi S, et al. **Eur J Nucl Med** 1984; 9(12):548-52

Kinetics of [99mTc]heparin, venous scintigraphy with [99mTc]fibrinogen and beta-thromboglobulin assay in the diagnosis of deep-vein thrombosis. Kitschke B, et al.
Int J Nucl Med Biol 1984;11(3-4):235-41

The statistical analysis of distribution of blood deposits in arterial prostheses after short-term exposure to reduced blood flow in dogs: a computerized study using radioisotopes. Bernier JM, et al. **Med Prog Technol** 1985; 10(4):183-99

Technetium-labelled compounds and thermography for non-invasive detection of deep vein thrombosis. Köhn H, et al. **Vasa** 1984;13(3):238-43

[Detection of venous thrombosis of the legs by the iodine 125-labeled fibrinogen test in thoracic surgery. Apropos of 140 surgically-treated cases] Gamondès JP, et al.
Rev Pneumol Clin 1984;40(6):373-6 (Eng. Abstr.) **(Fre)**

[Use of 125-I fibrinogen in the screening of postoperative deep vein thrombosis] Chiurazzi D, et al. **Minerva Med** 1984 Sep 22;75(36):2041-4 **(Ita)**

[Comparison of fibrinogen and synthetic chromogenic substrates in the determination of blood plasminogen contents and the reliability of the method using synthetic chromogen as a substrate] Uete T. **Rinsho Byori** 1984 Dec; 32(12):1395-9 **(Jpn)**

GENETICS

Immunological screening of standard cDNA libraries in pBR322 vectors: detection of human fibrinogen and prothrombin cDNA clones. Plaisancié H, et al.
Anal Biochem 1984 Nov 1;142(2):271-6

gamma and gamma' chains of human fibrinogen are produced by alternative mRNA processing. Chung DW, et al.
Biochemistry 1984 Aug 28;23(18):4232-6

Nucleotide sequence of the gene for the gamma chain of human fibrinogen. Rixon MW, et al. **Biochemistry** 1985 Apr 9;24(8):2077-86

Lamprey fibrinogen gamma chain: cloning, cDNA sequencing, and general characterization. Strong DD, et al. **Biochemistry** 1985 Jan 1;24(1):92-101

Common structural genes for platelet and plasma fibrinogen. Teige B, et al. **Blood** 1985 Jan;65(1):120-6

Genetically abnormal fibrinogens--strategies for structure elucidation, including fibrinopeptide analysis. Henschen A, et al. **Curr Probl Clin Biochem** 1984;14:273-320 (165 ref.)

Physicochemical studies of variants of human fibrinogen. Mihalyi E. **Curr Probl Clin Biochem** 1984;14:146-78 (85 ref.)

Genetics and biosynthesis of proteins. Mihalyi E.
Curr Probl Clin Biochem 1984;14:11-37 (42 ref.)

Electrophoretic procedures. Perret BA.
Curr Probl Clin Biochem 1984;14:179-224 (141 ref.)

Congenital dysfibrinogenemia. Rupp C, et al.
Curr Probl Clin Biochem 1984;14:65-130 (237 ref.)

Expression of a cloned human fibrinogen cDNA in Escherichia coli: synthesis of an A alpha polypeptide. Lord ST. **DNA** 1985 Feb;4(1):33-8

The identification of a DNA polymorphism of the alpha fibrinogen gene, and the regional assignment of the human fibrinogen genes to 4q26-qter. Humphries SE, et al.
Hum Genet 1984;68(2):148-53

Structure of the human gamma-fibrinogen gene. Alternate mRNA splicing near the 3' end of the gene produces gamma A and gamma B forms of gamma-fibrinogen. Fornace AJ Jr, et al. **J Biol Chem** 1984 Oct 25; 259(20):12826-30

Characterization of fibrinogen New York 1. A dysfunctional fibrinogen with a deletion of B beta(9-72) corresponding exactly to exon 2 of the gene. Liu CY, et al.
J Biol Chem 1985 Apr 10;260(7):4390-6

Xenopus fibrinogen: characterization of the mRNAs for the three subunits. Holland LJ, et al. **Mol Cell Biol** 1984 Nov; 4(11):2543-8

Evolution and organization of the fibrinogen locus on chromosome 4: gene duplication accompanied by transposition and inversion. Kant JA, et al.
Proc Natl Acad Sci USA 1985 Apr;82(8):2344-8

Fibrinogen Logroño. A new case of congenital dysfibrinogenemia. Rocha E, et al. **Ric Clin Lab** 1984 Oct-Dec;14(4):663-72

Fibrinogen fragments X, Y, D and E increase levels of plasma fibrinogen and liver mRNAs coding for fibrinogen polypeptides in rats. Princen HM, et al.
Thromb Haemost 1985 Apr 22;53(2):212-5

Evidence that rat platelet fibrinogen molecules lack the gamma' chain variant found in plasma fibrinogen molecules.

Homandberg GA, et al. **Thromb Res** 1985 Jul 15; 39(2):203–9

IMMUNOLOGY

Some studies with a monoclonal antibody directed against human fibrinogen. Francis SE, et al. **Am J Hematol** 1985 Feb;18(2):111–9

Plasminogen activator–anti–human fibrinogen conjugate. Sevilla CL, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):91–6

Localization of the complement–component–C3b–binding site and the cofactor activity for factor I in the 38kDa tryptic fragment of factor H. Alsenz J, et al. **Biochem J** 1984 Dec 1;224(2):389–98

A monoclonal antibody, specific for human fibrinogen, fibrinopeptide A–containing fragments and not reacting with free fibrinopeptide A. Koppert PW, et al. **Blood** 1985 Sep;66(3):503–7

Streptococcal defenses against host immune attack: the M protein–fibrinogen interaction. Whitnack E, et al. **Trans Assoc Am Physicians** 1983;96:197–202

[Fibrinolytic action of an enzyme preparation conjugated with specific antibodies] Torchilin VP, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):556–8 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Fibrin glue [letter] Ashraf H, et al. **Ann Thorac Surg** 1985 Aug;40(2):205

Glycosylated A alpha chains in chicken fibrinogen. Grieninger G, et al. **Biochemistry** 1984 Nov 20; 23(24):5888–92

Purification of fibrinogen. Furlan M. **Curr Probl Clin Biochem** 1984;14:133–45

Preparation of fibrin glue from single–donor fresh–frozen plasma. Dresdale A, et al. **Surgery** 1985 Jun;97(6):750–5

Purification and characterization of 3 fibrinogens with different molecular weights obtained from normal human plasma. Holm B, et al. **Thromb Res** 1985 Jan 1;37(1):165–76

METABOLISM

Interaction of group A type 1 streptococcal M protein with fibrinogen. Kühnemund O, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Jun; 93(3):201–9

Variations in binding of mammalian fibrinogens to streptococci groups A, B, C, E, G and to Staphylococcus aureus. Reuterswärd A, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Apr; 93(2):77–82

In vivo effect of ticlopidine on fibrinogen–platelet cofactor activity and binding of fibrinogen to platelets. Dunn FW, et al. **Agents Actions [Suppl]** 1984;15:97–104

Ex vivo effects of ticlopidine on human platelets: inhibition of fibrinogen binding by a mechanism independent of thromboxane formation. Iovine C, et al. **Agents Actions [Suppl]** 1984;15:105–7

Acquired dysfibrinogenemia. Paraneoplastic syndrome in renal cell carcinoma. Dawson NA, et al. **Am J Med** 1985 Apr;78(4):682–6

Examination of irreversible platelet–fibrinogen interactions. Peerschke EI, et al. **Am J Physiol** 1985 May;248(5 Pt 1):C466–72

Platelet and fibrinogen kinetics in healthy and African swine fever–affected swine: [75Se]selenomethionine–labeling study. Edwards JF, et al. **Am J Vet Res** 1985 Jan; 46(1):181–4

Protective effect of divalent cations in the plasmin degradation of fibrinogen. Dang CV, et al. **Arch Biochem Biophys** 1985 May 1;238(2):452–7

Phosphorylation in vitro of fibrinogen from three mammalian species with four different protein kinases. Humble E, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):225–31

Effects of calcium binding and of EDTA and CaEDTA on the clotting of bovine fibrinogen by thrombin. Perizzolo KE, et al. **Arch Biochem Biophys** 1985 Mar;237(2):520–34

Effects of indomethacin on plasma fibrinogen levels in rats with tissue injury. Gavotto AC, et al. **Arch Int Pharmacodyn Ther** 1985 Apr;274(2):320–7

Fibrinogen proteolysis by thrombin, plasmin and platelet release in relation to disseminated intravascular coagulation. Nossel HL. **Bibl Haematol** 1983;(49):151–62

Relationship between fibrinopeptide A (FPA) level and fibrinogen kinetics in patients with malignant disease. Yoda Y, et al. **Bibl Haematol** 1983;(49):163–72

Evidence that a collagen derived octapeptide inhibits fibrinogen binding to platelets stimulated by collagen and not by ADP. Pintigny D, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):547–53

Comparison of structures of various human fibrinogens and a derivative thereof by a study of the kinetics of release of fibrinopeptides. Hanna LS, et al. **Biochemistry** 1984 Sep 25;23(20):4681–7

Cooperative association of plasminogen with fibrinogen. Lewis MS, et al. **Biochemistry** 1984 Aug 14;23(17):3874–9

Mechanism of action of thrombin on fibrinogen: NMR evidence for a beta–bend at or near fibrinogen A alpha Gly(P5)–Gly(P4). Marsh HC Jr, et al. **Biochemistry** 1985 May 21;24(11):2806–12

Characteristics of collagen–induced fibrinogen binding to human platelets. Legrand C, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):802–10

Influence of fibrinogen on fibrin polymerization. Ultracentrifugation studies. Preissner KT, et al. **Biochim Biophys Acta** 1985 Jul 1;829(3):358–64

Kinetic characterization of a saturable pathway for rapid clearance of circulating fibrin monomer. Dardik BN, et al. **Blood** 1985 Mar;65(3):680–8

Increased binding of fibrinogen to platelets in diabetes: the role of prostaglandins and thromboxane. DiMinno G, et al. **Blood** 1985 Jan;65(1):156–62

Fibrinogen competes with von Willebrand factor for binding to the glycoprotein IIb/IIIa complex when platelets are stimulated with thrombin. Gralnick HR, et al. **Blood** 1984 Oct;64(4):797–800

Immunocytochemical study of the binding of fibrinogen and thrombospondin to ADP– and thrombin–stimulated human platelets. Hourdillé P, et al. **Blood** 1985 Apr;65(4):912–20

Fibrinopeptide A: a marker of acute coronary thrombosis. Eisenberg PR, et al. **Circulation** 1985 May;71(5):912–8

Fibrin formation and platelet aggregation in patients with severe coronary artery disease: relationship with the degree of myocardial ischemia. Gallino A, et al. **Circulation** 1985 Jul;72(1):27–30

Hereditary dysfibrinogenemia. Bithell TC. **Clin Chem** 1985 Apr;31(4):509–16

Fibrinopeptide A plasma levels during low–estrogen oral contraceptive treatment. Melis GB, et al. **Contraception** 1984 Dec;30(6):575–83

Calcium–ion binding by fibrinogen. Kemp GD. **Curr Probl Clin Biochem** 1984;14:250–72 (63 ref.)

Fibrinopeptide–A in diabetes mellitus. Relation to levels of blood glucose, fibrinogen disappearance, and hemodynamic changes. Jones RL. **Diabetes** 1985 Sep;34(9):836–43

In vitro preparation of nonenzymatically glucosylated human transferrin, alpha 2–macroglobulin, and fibrinogen with preservation of function. Ney KA, et al. **Diabetes** 1985 May;34(5):462–70

Glycosylation of human fibrinogen in vivo. Lütjens A, et al. **Diabetologia** 1985 Feb;28(2):87–9

Thrombospondin interactions with fibronectin and fibrinogen. Mutual inhibition in binding. Lahav J, et al. **Eur J Biochem** 1984 Nov 15;145(1):151–6

Influence of cyanogen–bromide–digested fibrinogen on the kinetics of plasminogen activation by urokinase. Lijnen HR, et al. **Eur J Biochem** 1984 Nov 2;144(3):541–4

Thrombin–induced fibrinopeptide release from a fibrinogen variant (fibrinogen Sydney I) with an Aalpha Arg–16——His substitution. Southan C, et al. **Eur J Biochem** 1985 Mar 15;147(3):593–600

Metabolism of fibrinogen in children with acute lymphoblastic leukaemia. Goldschmidt B, et al. **Eur J Pediatr** 1984 Dec;143(2):140–4

A method to measure receptor binding of ligands with low affinity. Application to plasma proteins binding assay with hemopoietic cells. Levesque JP, et al. **Exp Cell Res** 1985 Feb;156(2):558–62

Fibrinopeptide A behaviour in chronic active hepatitis patients. Violi F, et al. **Haematologica (Pavia)** 1984 Nov–Dec;69(6):655–60

Evidence of fibrinogen breakdown by leukocyte enzymes in a patient with acute promyelocytic leukemia. Sterrenberg L, et al. **Haemostasis** 1985;15(2):126–33

Optimal techniques for the immunocytochemical demonstration of beta–thromboglobulin, platelet factor 4, and fibrinogen in the alpha granules of unstimulated platelets. Stenberg PE, et al. **Histochem J** 1984 Sep; 16(9):983–1001

A study of soluble fibrin monomer complexes (SFMC) and plasma fibrinogen in acute myocardial infarction. Jain SM, et al. **Indian J Chest Dis Allied Sci** 1984 Apr–Jun; 26(2):98–103

Fibrinolytic activity of the retinae in streptozotocin–diabetic rats. Ishibashi T, et al. **Invest Ophthalmol Vis Sci** 1985 Jan; 26(1):125–7

Bacteroides intermedius binds fibrinogen. Lantz MS, et al. **J Bacteriol** 1985 Aug;163(2):623–8

Inhibition of fibrinogen receptor expression and serotonin release by leupeptin and antipain. Baldassare JJ, et al. **J Biol Chem** 1985 Sep 5;260(19):10531–5

Modification of histidines in human prothrombin. Effect on the interaction of fibrinogen with thrombin from diethyl pyrocarbonate–modified prothrombin. Church FC, et al. **J Biol Chem** 1985 Apr 25;260(8):4936–40

Localization of a fibrinogen calcium binding site between gamma–subunit positions 311 and 336 by terbium fluorescence. Dang CV, et al. **J Biol Chem** 1985 Aug 15; 260(17):9713–9

Selective intracellular degradation of fibrinogen and its reversal in cultured hepatocytes. Grieninger G, et al. **J Biol Chem** 1984 Dec 10;259(23):14973–8

Characterization of the kinetic pathway for liberation of fibrinopeptides during assembly of fibrin. Lewis SD, et al. **J Biol Chem** 1985 Aug 25;260(18):10192–9

Conservation of human fibrinogen conformation after cleavage of the B beta chain NH2 terminus. Pandya BV, et al. **J Biol Chem** 1985 Mar 10;260(5):2994–3000

Reconstitution of the purified platelet fibrinogen receptor. Fibrinogen binding properties of the glycoprotein IIb–IIIa complex. Parise LV, et al. **J Biol Chem** 1985 Sep 5; 260(19):10698–707

Interaction of asialo von Willebrand factor with glycoprotein Ib induces fibrinogen binding to the glycoprotein IIb/IIIa complex and mediates platelet aggregation. De Marco L, et al. **J Clin Invest** 1985 Apr;75(4):1198–203

Cleavage of blood coagulation factor XIII and fibrinogen by thrombin during in vitro clotting. Greenberg CS, et al. **J Clin Invest** 1985 May;75(5):1463–70

The fibrinogenolytic activity of purified tryptase from human lung mast cells. Schwartz LB, et al. **J Immunol** 1985 Oct; 135(4):2762–7

Nonrandom catabolism of proteins in the formation of antigenic peptide fragments. Thomas DW, et al. **J Immunol** 1985 Aug;135(2):1259–63

Fibrinogen degradation by hementin, a fibrinogenolytic anticoagulant from the salivary glands of the leech Haementeria ghilianii. Malinconico SM, et al. **J Lab Clin Med** 1984 Nov;104(5):842–54

Fibrin generation during the diabetic pregnancy. Weiner CP, et al. **J Perinat Med** 1984;12(4):161–5

Usefulness of fibrinopeptide A generation tests in experimental and clinical studies with low molecular weight heparin fractions. Emanuele RM, et al. **Semin Thromb Hemost** 1985 Apr;11(2):121–8

Markers of fibrinogen derivatives used in clinical investigation. Soria J, et al. **Semin Thromb Hemost** 1985 Apr;11(2):129–32 (24 ref.)

Fibrinogen, blood viscosity, and cerebral ischemia. Grotta J, et al. **Stroke** 1985 Mar–Apr;16(2):192–8

Effect of plasma dilution on adsorption of fibrinogen to solid surfaces. Brash JL, et al. **Thromb Haemost** 1984 Jul 29; 51(3):326–30

Binding of fibrinogen to cultured bovine endothelial cells. Delvos U, et al. **Thromb Haemost** 1985 Feb 18;53(1):26–31

Plasma beta–thromboglobulin, fibrinopeptide A and B beta 15–42 antigen in relation to postoperative DVT, malignancy and stanozolol treatment. Douglas JT, et al. **Thromb Haemost** 1985 Apr 22;53(2):235–8

In vitro studies on the fibrinolytic, thrombolytic and fibrinogenolytic properties of a tissue plasminogen activator from guinea pig keratocytes. Electricwala A, et al. **Thromb Haemost** 1985 Apr 22;53(2):200–3

High fibrinopeptide A (FPA) levels in acute non–lymphocytic leukemia are reduced by heparin administration. Gugliotta L, et al. **Thromb Haemost** 1984 Dec 29;52(3):301–4

Comparison of the interactions of fibrinogen and soluble fibrin with washed rabbit platelets stimulated with ADP. Harfenist EJ, et al. **Thromb Haemost** 1985 Apr 22; 53(2):183–7

Effect of amino sugars on platelet aggregation and on fibrinogen binding. Kinlough–Rathbone RL, et al. **Thromb Haemost** 1984 Aug 31;52(1):75–80

Biological and thrombolytic properties of proenzyme and active forms of human urokinase—I. Fibrinolytic and fibrinogenolytic properties in human plasma in vitro of urokinases obtained from human urine or by recombinant DNA technology. Zamarron C, et al. **Thromb Haemost** 1984 Aug 31;52(1):19–23

Turnover of fibrinopeptide A (FPA) in rabbits. Ariga T, et al. **Thromb Res** 1985 Apr 15;38(2):137–47

FXIII induced gelation of human fibrinogen—an alternative thiol enhanced, thrombin independent pathway. Blombäck B, et al. **Thromb Res** 1985 Mar 1;37(5):613–27

Precipitation of fibrinogen, fibrinogen degradation products and fibrin monomer by histone H3. Gonias SL, et al. **Thromb Res** 1985 Jul 1;39(1):97–116

Fibrinogen Kawaguchi: an abnormal fibrinogen characterized by defective release of fibrinopeptide A. Matsuda M, et al. **Thromb Res** 1985 Feb 1;37(3):379–90

Fibrinogenolysis and fibrinolysis in normal volunteers and patients with thrombosis after infusion of urokinase. Urano T, et al. **Thromb Res** 1985 Jul 15;39(2):145–55

Adsorbed protein visualization on LTI carbon. Riccitelli SD, et al. **Trans Am Soc Artif Intern Organs** 1984;30:420–6

[Proteolytic changes in plasma fibrinogen from ovarian venous blood in patients with cervix cancer] Lober R, et al. **Folia Haematol (Leipz)** 1985;112(1):82–9 (Eng. Abstr.) **(Ger)**

[Coagulation of 125I bovine fibrinogen] Richter M, et al. **Folia Haematol (Leipz)** 1984;111(6):862–9 (Eng. Abstr.) **(Ger)**

[Longitudinal studies on the prognostic significance of plasma fibrinogen in diabetes mellitus] Schmechel H, et al. **Z Gesamte Inn Med** 1984 Sep 15;39(18):453–7 (Eng. Abstr.) **(Ger)**

[Blood coagulability in chronic respiratory failure] Takayama S. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jul; 22(7):541–51 (Eng. Abstr.) **(Jpn)**

[Kinetic study of the batroxobin–catalyzed release of fibrinopeptide A from human fibrinogen] Watanabe S, et al. **Yakugaku Zasshi** 1985 Apr;105(4):395–400 (Eng. Abstr.) **(Jpn)**

[Role of proteases, plasminogen activators, fibrin fibrinogen degradation products and fibrinopeptides in the growth and development of neoplasms and neoplasm metastases] Farbiszewski R. **Postepy Hig Med Dosw** 1984 Mar–Apr; 38(2):133–55 (165 ref.) (Eng. Abstr.) **(Pol)**

[Characteristics of the effect of thrombin on macromolecular substrates] Sereiskaia AA, et al. **Dokl Akad Nauk SSSR** 1985;282(2):481–4 **(Rus)**

[Comparative study of silylated heparin and sodium heparinate] Shchelkova TV, et al. **Vopr Med Khim** 1985 May–Jun;31(3):87–9 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Effect of human IgG and fibrinogen on Staphylococcus aureus intraperitoneal infection in mice. Espersen F, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Dec; 92(6):311-7

Rheological characteristics of desialylated erythrocytes in relation to fibrinogen-induced aggregation. Maeda N, et al. **Biochim Biophys Acta** 1984 Sep 19;776(1):151-8

A functional plasminogen assay utilizing the potentiating effect of fibrinogen to correct for the overestimation of plasminogen in pathological plasma samples. Gram J, et al. **Thromb Haemost** 1985 Apr 22;53(2):255-9

The effect of physiological levels of fibrinogen on platelet aggregation. Meade TW, et al. **Thromb Res** 1985 Jun 1; 38(5):527-34

Fibrin(ogen)-derived peptide B beta 30-43 increases coronary blood flow in the anesthetized dog. Nichols WW, et al. **Thromb Res** 1985 Jul 15;39(2):223-9

Effect of a fibrin(ogen)-derived vasoactive peptide on polymorphonuclear leukocyte emigration. Saldeen K, et al. **Thromb Res** 1985 Jan 1;37(1):85-9

The activation of Glu- and Lys-plasminogens by streptokinase: effects of fibrin, fibrinogen and their degradation products. Takada A, et al. **Thromb Res** 1985 Feb 1;37(3):465-75

PHYSIOLOGY

Kinetic study of platelets and fibrinogen in Lassa virus-infected monkeys and early pathologic events in Mopeia virus-infected monkeys. Lange JV, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):999-1007

Placental protein 5 (PP5) inhibits thrombin-induced coagulation of fibrinogen. Meisser A, et al. **Arch Gynecol** 1985;236(4):197-201

Effects of fibrinogen in vivo on dentine permeability in the dog. Pashley DH, et al. **Arch Oral Biol** 1984;29(9):725-8

Platelet interaction with subendothelial extracellular matrix: platelet-fibrinogen interactions are essential for platelet aggregation but not for the matrix-induced release reaction. Eldor A, et al. **Blood** 1985 Jun;65(6):1477-83

Fibrinogen and the ultralong-range interaction of human erythrocytes. Sewchand LS, et al. **Cell Biophys** 1984 Sep; 6(3):215-21

Structure and function of normal fibrinogen. Furlan M. **Curr Probl Clin Biochem** 1984;14:38-64 (121 ref.)

Interaction between fibrinogen and cultured endothelial cells. Induction of migration and specific binding. Dejana E, et al. **J Clin Invest** 1985 Jan;75(1):11-8

Role of fibrinogen in the glomerular permeability of the perfused, isolated dog kidney. Masri MA, et al. **Kidney Int** 1985 May;27(5):807-10

Platelet aggregation, haematocrit, and fibrinogen [letter] Lowe GD, et al. **Lancet** 1985 Feb 16;1(8425):395-6

C3 nephritic factor protects bound C3bBb from cleavage by factor I and human erythrocytes. Mold C, et al. **Mol Immunol** 1985 May;22(5):507-12

Anticoagulant properties of purified X-like fragments of human fibrinogen produced by degradation with leukocyte elastase. Sterrenberg L, et al. **Thromb Haemost** 1984 Jul 29;51(3):398-402

Membrane fluidity and platelet fibrinogen receptor exposure by proteolytic enzymes. Simons E, et al. **Thromb Res** 1985 Jul 1;39(1):91-6

Fibrinolytic activity in thrombin-infused rabbits. Szczepański M, et al. **Thromb Res** 1985 Jul 1;39(1):127-31

Appearance of platelet-clumping activity in heparinized plasma after acidification--it's mainly due to aggregation of fibrinogen. Yamamoto N, et al. **Thromb Res** 1984 Oct 15;36(2):103-12

[Thrombus formation with special reference to the substrates, fibrinogen and its related substances] Matsuda M. **Rinsho Ketsueki** 1984 Jul;25(7):984-91 (Eng. Abstr.) **(Jpn)**

SECRETION

Fibrinogen Seattle II: defective release of fibrinopeptide A in a slow clotting fibrinogen. Schreiber WE, et al. **Thromb Res** 1985 Jan 1;37(1):45-52

THERAPEUTIC USE

Fibrinous tissue glue in artery anastomosis. Physiological, histological and scanning evaluation. Decleer W, et al. **Acta Chir Belg** 1985 Mar-Apr;85(2):121-4

1-Deamino-8-D-arginine vasopressin and cryoprecipitate in variant von Willebrand disease. Hanna WT, et al. **Am J Hematol** 1985 Oct;20(2):169-73

Impaired immune function in hemophilia patients treated exclusively with cryoprecipitate: relation to duration of treatment. Pollack S, et al. **Am J Hematol** 1985 Sep; 20(1):1-6

Fibrin tissue adhesive and glass ceramic strut for ossicular chain replacement. Electrophysiologic and histologic findings. Siedentop KH, et al. **Am J Otol** 1985 May; 6(3):272-5

Use of fibrin glue in thoracic surgery. Jessen C, et al. **Ann Thorac Surg** 1985 Jun;39(6):521-4

Histological findings in sutured and fibrin-glued microvascular anastomosis. Brunner FX. **Arch Otorhinolaryngol** 1984;240(3):311-8

Application of fibrin glue to burns. Its haemostatic and skin transplant fixation effects in the excised wound. Ihara N, et al. **Burns Incl Therm Inj** 1984 Aug;10(6):396-404

'Tissucol' in spinal surgery. Liguori R, et al. **J Neurosurg Sci** 1984 Jul-Dec;28(3-4):187-90

Fibrin seal: the state of the art. Matras H. **J Oral Maxillofac Surg** 1985 Aug;43(8):605-11

Cryoprecipitate: all in the family? [editorial] Kasper CK. **JAMA** 1984 Nov 16;252(19):2755-6

Sutures or fibrin glue for divided rat nerves: Schwann cell and muscle metabolism. Becker CM, et al. **Microsurgery** 1985;6(1):1-10

Treatment of severe coagulopathy in the Kasabach-Merritt syndrome with aminocaproic acid and cryoprecipitate. Warrell RP Jr, et al. **N Engl J Med** 1985 Aug 1; 313(5):309-12

Glued fixation of split-skin graft to the bony orbit following exenteration. Härting F, et al. **Plast Reconstr Surg** 1985 Oct;76(4):633-5

Closure of carotid-cavernous fistulae by use of a fibrin adhesive system. Hasegawa H, et al. **Surg Neurol** 1985 Jul; 24(1):23-6

A suspension of fibrin glue and antibiotic for local treatment of mycotic aneurysms in endocarditis--an experimental study. Deyerling W, et al. **Thorac Cardiovasc Surg** 1984 Dec;32(6):369-72

Surgical treatment of liver injuries by application of Fibrinkleber. Giakoustidis E, et al. **World J Surg** 1985 Feb; 9(1):144-8

[The use of a human fibrin glue system in maxillofacial surgery] Cesteleyn L, et al. **Acta Stomatol Belg** 1985 Mar; 82(1):7-25 **(Dut)**

[Closure of a fistula using fibrin glue] Bouvy LA, et al. **Ned Tijdschr Geneeskd** 1984 Dec 8;128(49):2306-7 (Eng. Abstr.) **(Dut)**

[Injections of fibrin glue in severe epistaxis and Rendu-Osler disease] Martin H, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(7):561-3 (Eng. Abstr.) **(Fre)**

[Value of Tissucol in dentistry and maxillofacial surgery] Seguin P, et al. **Rev Stomatol Chir Maxillofac** 1985; 86(3):189-91 (Eng. Abstr.) **(Fre)**

[Therapy of Achilles tendon rupture in athletes. Advantages of fibrin gluing] Paar O, et al. **Fortschr Med** 1984 Nov 22;102(43):1106-8 (Eng. Abstr.) **(Ger)**

[Fibrin glue in neurosurgery. Areas of use and experiences] Schäfer M, et al. **Fortschr Med** 1985 May 23;103(20):545-7 (Eng. Abstr.) **(Ger)**

[Use of fibrin glue in pronounced Dupuytren contracture] Eide E, et al. **Handchir Mikrochir Plast Chir** 1985 May; 17(3):145-6 (Eng. Abstr.) **(Ger)**

[Use of fibrin glue in microsurgery of the ear. An analysis of operations at the Pisa ENT Clinic] Piragine F, et al. **HNO** 1985 Apr;33(4):159-61 (Eng. Abstr.) **(Ger)**

[Fibrin glue to prevent hematomas after rhinosurgical interventions] Schönfeld R. **HNO** 1985 Apr;33(4):156-8 (Eng. Abstr.) **(Ger)**

[A suggestion concerning the technic of using fibrin glue in tympanoplasty] Reuss GU. **Laryngol Rhinol Otol (Stuttg)** 1984 Nov;63(11):580-1 (Eng. Abstr.) **(Ger)**

[Does human fibrin glue improve results in tympanoplasty?] Strauss P, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Dec; 63(12):615-7 (Eng. Abstr.) **(Ger)**

[3 years' experience with concentrated autogenous fibrin glue in plastic ENT surgery] Wolf G, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Feb;64(2):89-92 (Eng. Abstr.) **(Ger)**

[Use of human fibrin glue in the closure of vesicovaginal fistulas] Papadopoulos I, et al. **Urol Int** 1985;40(3):141-4 (Eng. Abstr.) **(Ger)**

[Treatment of multifragmentary fractures of the metacarpus with fibrin glue] Carozzi S. **Chir Ital** 1983 Aug;35(4):582-5 (Eng. Abstr.) **(Ita)**

[Treatment of pseudoarthrosis of the carpal scaphoid with fibrin glue] Carozzi S. **Chir Ital** 1983 Aug;35(4):615-20 (Eng. Abstr.) **(Ita)**

[Cicatrization of wounds: the protective effect of fibrin glue?] Galletti G, et al. **Minerva Chir** 1985 Apr 15;40(7):377-80 **(Ita)**

[The use of fibrin glue in neurosurgical operations] Fukumoto T, et al. **No Shinkei Geka** 1985 Apr;13(4):367-73 (Eng. Abstr.) **(Jpn)**

[Use of fibrinogen in obstetric-gynecological hemorrhage] Fedorova ZD, et al. **Akush Ginekol (Mosk)** 1985 Jan; (1):41-3 **(Rus)**

[Personal experience in the use of Tissucol in osteoarticular surgery] Jankuloski A, et al. **Vojnosanit Pregl** 1985 Mar-Apr;42(2):101-5 (Eng. Abstr.) **(Scr)**

[Coagulum pyelolithotomy with fibrin adhesive] Pedrajas A, et al. **Actas Urol Esp** 1984 Nov-Dec;8(6):445-50 (Eng. Abstr.) **(Spa)**

[Application of fibrin adhesive in the surgery of complex renal lithiasis] Pedrajas Gámiz A, et al. **Arch Esp Urol** 1984 Nov-Dec;37(6):503-9 (Eng. Abstr.) **(Spa)**

URINE

A diagnostic-prognostic test for bladder cancer using a monoclonal antibody-based enzyme-linked immunoassay for detection of urinary fibrin(ogen) degradation products. McCabe RP, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5886-93

Fibrinopeptide A excretion in urine in patients with atherosclerotic artery disease. Gallino A, et al. **Thromb Res** 1985 Jul 15;39(2):237-44

[The levels of fibrinopeptide A and fibrinopeptide B beta in the urine from patients with chronic glomerulonephritis during urokinase therapy] Miura M, et al. **Rinsho Byori** 1985 Jun;33(6):652-6 **(Jpn)**

FIBRINOGEN DEFICIENCY see **AFIBRINOGENEMIA**

FIBRINOKINASE see **STREPTODORNASE AND STREPTOKINASE**

FIBRINOLIGASE see **FACTOR XIII**

FIBRINOLYSIN

Studies on interaction between coagulation factor X and plasmin. Takasugi S, et al. **Hiroshima J Med Sci** 1984 Dec; 33(4):785-8

ADVERSE EFFECTS

Elase and wound debridement [letter] Chapple JS. **NZ Med J** 1984 Oct 10;97(765):701

ANALYSIS

Antithrombin III, plasminogen, plasmin, and alpha-2-antiplasmin in donor blood and plasma components. McRoyan DK, et al. **Ann Clin Lab Sci** 1985 Mar-Apr;15(2):165-70

Clinical significance of antithrombin III, plasminogen and alpha 2-plasmin inhibitor in perinatal period. Fuse Y, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):121-5

The plasmin system in human colonic tumors: an immunofluorescence study. Burtin P, et al. **Int J Cancer** 1985 Mar 15;35(3):307-14

[Antithrombin III and alpha 2-plasmin inhibitor in DIC--the significance of their levels and existence of complexes as diagnostic indicators] Tsuda T, et al. **Rinsho Ketsueki** 1985 Mar;26(3):332-40 (Eng. Abstr.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Plasma plasmin inhibitors in Duchenne-type progressive muscular dystrophy. Shomura I, et al. **Biochem Med** 1985 Jun;33(3):350-61

Acceleration of fibrinolysis by the N-terminal peptide of alpha 2-plasmin inhibitor. Kimura S, et al. **Blood** 1985 Jul; 66(1):157-60

The influence of the polyphenols of cider on plasmin and plasminogen activators. Ogston D, et al. **Br J Haematol** 1985 Aug;60(4):705-13

Differential patterns of secretory protein localization within the pig uterine endometrium. Fazleabas AT, et al. **Endocrinology** 1985 Jan;116(1):240-5

Brain tumors and plasmin inhibitors. Sawaya R, et al. **Neurosurgery** 1984 Dec;15(6):795-800

Changes in plasminogen activator activity and plasmin inhibition in the pig during experimental hypovolaemia. Smokovitis A, et al. **Thromb Haemost** 1985 Feb 18; 53(1):130-3

DIAGNOSTIC USE

99mTc-plasmin test in deep vein thrombosis of the leg. Aronen HJ, et al. **Eur J Nucl Med** 1985;10(1-2):10-2

Gamma camera detection of 99mTC-plasmin in the diagnosis of deep-vein thrombosis. Dahlborn M, et al. **Eur J Nucl Med** 1984;9(11):499-501

Technetium-labelled compounds and thermography for non-invasive detection of deep vein thrombosis. Köhn H, et al. **Vasa** 1984;13(3):238-43

GENETICS

Plasminogens Tochigi II and Nagoya: two additional molecular defects with Ala-600——Thr replacement found in plasmin light chain variants. Miyata T, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):277-87

METABOLISM

Protective effect of divalent cations in the plasmin degradation of fibrinogen. Dang CV, et al. **Arch Biochem Biophys** 1985 May 1;238(2):452-7

Fibronectin--a plasmin-sensitive glycoprotein of the transit zone: protection by aprotinin. Heine H, et al. **Arzneimittelforsch** 1984;34(6):696-8

Deacylation rate constants of acylated human and porcine plasmins. McLaren AB, et al. **Aust J Biol Sci** 1984; 37(4):205-10

Plasmin cleaves human beta-casein. Greenberg R, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):463-8

Co-operation between plasmin and elastase in elastin degradation by intact murine macrophages. Chapman HA Jr, et al. **Biochem J** 1984 Sep 15;222(3):721-8

Identification of molecular forms of plasminogen and plasmin-inhibitor complexes in urokinase-activated human plasma. Müllertz S, et al. **Biochem J** 1984 Oct 1; 223(1):169-77

Sequence of formation of molecular forms of plasminogen and plasmin-inhibitor complexes in plasma activated by urokinase or tissue-type plasminogen activator. Thorsen S, et al. **Biochem J** 1984 Oct 1;223(1):179-87

Hydrodynamic studies on the streptokinase complexes of human plasminogen, Val442-plasminogen, plasmin, and the plasmin-derived light (B) chain. Barlow GH, et al. **Biochemistry** 1984 May 22;23(11):2384-7

Quantitative characterization of the binding of plasminogen to intact fibrin clots, lysine-sepharose, and fibrin cleaved by plasmin. Bok RA, et al. **Biochemistry** 1985 Jun 18; 24(13):3279-86

Mechanism of alpha 2-macroglobulin-proteinase interactions. Studies with trypsin and plasmin. Christensen U, et al. **Biochemistry** 1984 Dec 18;23(26):6619-26

Photoaffinity labeling of functionally different lysine-binding sites in human plasminogen and plasmin. Ryan TJ, et al. **Biochim Biophys Acta** 1985 Aug 8;830(2):187-94

Association of alpha 2-macroglobulin-thrombin and alpha 2-macroglobulin-plasmin complexes with isolated hepatocytes. Spolarics Z, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):389-95

Tissue plasminogen activator and urokinase mediate the binding of Glu-plasminogen to plasma fibrin I. Evidence for new binding sites in plasmin-degraded fibrin I. Harpel PC, et al. **J Biol Chem** 1985 Apr 10;260(7):4432-40

Effects of plasmin on von Willebrand factor multimers. Degradation in vitro and stimulation of release in vivo. Hamilton KK, et al. **J Clin Invest** 1985 Jul;76(1):261-70

Cleavage of rabbit myelin basic protein by plasmin: isolation and identification of the major products. Law MJ, et al. **J Neurochem** 1985 Oct;45(4):1232-43

Pregnancy-associated plasma protein A: purification under mild conditions, peptide mapping and tests for possible interactions with trypsin, plasmin and complement. Gore CH, et al. **Placenta** 1984 Jul-Aug;5(4):293-313

[Interaction of heavy and light chains of plasmin with fibrinogen E and D fragments] Kudinov SA, et al. **Biokhimiia** 1984 Dec;49(12):2003-7 (Eng. Abstr.) **(Rus)**

[Hydrolytic properties of plasmin 1 and 2 and miniplasmin] Kastrikina TF, et al. **Dokl Akad Nauk SSSR** 1984 Sep-Oct; 278(1):240-2 **(Rus)**

PHARMACODYNAMICS

Plasmin effect on platelet glycoprotein Ib-von Willebrand factor interactions. Adelman B, et al. **Blood** 1985 Jan; 65(1):32-40

Plasmin inhibition of platelet function and of arachidonic acid metabolism. Schafer AI, et al. **J Clin Invest** 1985 Feb; 75(2):456-61

Role of plasmin, thrombin, and antithrombin III as etiological factors in delayed cerebral vasospasm. White RP, et al. **Neurosurgery** 1985 Jan;16(1):27-35

Effects of plasmin on rabbit platelets. Guccione MA, et al. **Thromb Haemost** 1985 Feb 18;53(1):8-14

Progressive exposure of E-neoantigen associated with degradation of crosslinked fibrin by plasmin in vitro. Stegnar M, et al. **Thromb Haemost** 1984 Dec 29; 52(3):315-20

[Equimolecular (unsaturated) aprotinin-plasmin complex. Biochemical and pharmacological activity] Vairel EG, et al. **Ann Pharm Fr** 1984;42(6):509-17 (Eng. Abstr.) **(Fre)**

[Role of hypothalamic adrenoreactive structures in regulating the protective reaction to plasmin] Kalishevskaia TM, et al. **Fiziol Zh SSSR** 1985 Apr;71(4):418-21 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Fibrinolysis--a review. Kane KK. **Ann Clin Lab Sci** 1984 Nov-Dec;14(6):443-9 (26 ref.)

THERAPEUTIC USE

Intravenous plasmin-treated gammaglobulin therapy in idiopathic thrombocytopenic purpura. Results in 40 patients. Follea G, et al. **Nouv Rev Fr Hematol** 1985; 27(1):5-10

Plasmin inhibitors and fibrinogen breakdown during the initial phase of thrombolytic treatment--the problem of the alpha 2-antiplasmin determination. Noll G, et al. **Thromb Haemost** 1984 Jul 29;51(3):334-7

[Immune response in the early period after open-heart surgery and the effect of human immune globulin] Togashi K, et al. **Rinsho Kyobu Geka** 1984 Nov;4(6):713-7 (Eng. Abstr.) **(Jpn)**

URINE

[Urinary plasmin in late pregnancy toxicosis] Katsulov A, et al. **Akush Ginekol (Sofiia)** 1984;23(5):369-71 (Eng. Abstr.) **(Bul)**

FIBRINOLYSIS

Plasma fibrinolytic activity in patients undergoing major abdominal surgery. Mellbring G, et al. **Acta Chir Scand** 1985;151(2):109-14

The response of the fibrinolytic system in trauma. Risberg B. **Acta Chir Scand [Suppl]** 1985;522:245-71 (117 ref.)

Possible homozygous factor VIIR disorder associated with fibrinolytic hyperactivity. Villa P, et al. **Acta Haematol (Basel)** 1985;73(2):93-6

Discrepant fibrinogen values during thrombolytic therapy. Comparison of aca and Data-Fi results using immunofixation. Electrophoresis as a reference. Walker AN, et al. **Am J Clin Pathol** 1985 Oct;84(4):485-9

Fluidity of cadaveric blood after sudden death: Part I. Postmortem fibrinolysis and plasma catecholamine level. Takeichi S, et al. **Am J Forensic Med Pathol** 1984 Sep; 5(3):223-7

Neonatal and maternal fibrinolysis: activation at time of birth. Suarez CR, et al. **Am J Hematol** 1985 Aug;19(4):365-72

Fibrinolysis and acquired alpha-2 plasmin inhibitor deficiency in amyloidosis. Meyer K, et al. **Am J Med** 1985 Sep;79(3):394-6

Fibrinolysis--a review. Kane KK. **Ann Clin Lab Sci** 1984 Nov-Dec;14(6):443-9 (26 ref.)

Decreased plasma fibrinolysis in patients with rheumatoid arthritis. Belch JJ, et al. **Ann Rheum Dis** 1984 Dec; 43(6):774-7

Fibrin(ogen)olysis in polymyalgia rheumatica and temporal arteritis: preliminary findings on association with disease activity. Grau RG, et al. **Ann Rheum Dis** 1984 Oct; 43(5):721-4

Interaction between C1-INA, coagulation, fibrinolysis and kinin system in hereditary angioneurotic edema (HANE) and urticaria. Bork K, et al. **Arch Dermatol Res** 1984; 276(6):375-80

Studies on the fibrinolytic activity of the human female genital tract. Spernol R, et al. **Arch Gynecol** 1985; 236(3):161-4

Dynamics of changes in the blood coagulation system, fibrynolysis and kallikreinogenesis in endotoxin shock in rabbits. Prandota J, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(3):357-68

Effect of chronic smoking on fibrinolysis. Allen RA, et al. **Arteriosclerosis** 1985 Sep-Oct;5(5):443-50

Fibrinolysis and plasminogen concentration in aortic intima in relation to death following myocardial infarction. Smith EB, et al. **Atherosclerosis** 1985 May;55(2):171-86

Characterisation of rat tumour cell hybrids: procoagulant and fibrinolytic activities. Badenoch-Jones P, et al. **Aust J Exp Biol Med Sci** 1985 Feb;63 (Pt 1):91-8

Estimation of coagulation-fibrinolytic factors in DIC. Hasegawa H. **Bibl Haematol** 1983;(49):173-80

Evidence for the presence of two different fibrinolytic inhibitors in human endothelial cell conditioned medium. Sprengers ED, et al. **Biochim Biophys Acta** 1984 Sep 28; 801(2):163-70

Acceleration of fibrinolysis by the N-terminal peptide of alpha 2-plasmin inhibitor. Kimura S, et al. **Blood** 1985 Jul; 66(1):157-60

Two different mechanisms in patients with venous thrombosis and defective fibrinolysis: low concentration of plasminogen activator or increased concentration of plasminogen activator inhibitor. Nilsson IM, et al. **Br Med J [Clin Res]** 1985 May 18;290(6480):1453-6

A simple spectrophotometric assay of plasminogen activator: comparison with the fibrinolytic method. Zaoui D, et al. **Clin Chim Acta** 1984 Aug 31;141(2-3):101-9

Changes in fibrinolytic activity during the course of a single hemodialysis session. Kurz H, et al. **Clin Nephrol** 1985 Jul; 24(1):1-4

Relationships among the complement, kinin, coagulation and fibrinolytic systems in the inflammatory reaction. Sundsmo JS, et al. **Clin Physiol Biochem** 1983;1(2-5):225-84 (391 ref.)

The fibrinolytic system in man. Reiner AP, et al. **CRC Crit Rev Oncol Hematol** 1984;2(1):33-81 (581 ref.)

Regulation of anterior chamber fibrinolysis. O'Rourke J, et al. **Curr Eye Res** 1985 May;4(5):569-78

Abnormal endothelial release of fibrinolytic activity and fibronectin in diabetic microangiopathy. Haitas B, et al. **Diabetologia** 1984 Nov;27(5):493-6

Fibrinolysis mediated by tissue plasminogen activator. Disclosure of a kinetic transition. Norrman B, et al. **Eur J Biochem** 1985 May 15;149(1):193-200

Acute effect of smoking on fibrinolysis: increase in the activity level of circulating extrinsic (tissue-type) plasminogen activator. Allen RA, et al. **Eur J Clin Invest** 1984 Oct;14(5):354-61

Enhanced fibrinolytic activity during cardiopulmonary bypass in open-heart surgery in man is caused by extrinsic (tissue-type) plasminogen activator. Stibbe J, et al. **Eur J Clin Invest** 1984 Oct;14(5):375-82

Disseminated intravascular coagulation and the balance between blood coagulation and fibrinolysis. Astrup T, et al. **Folia Haematol (Leipz)** 1984;111(4):407-15

Clinical significance of accelerated fibrinolysis in liver disease. Francis RB Jr, et al. **Haemostasis** 1984;14(6):460-5

Evaluation of euglobulin methods for the study of blood fibrinolytic activity: results for patients with rheumatoid arthritis and in the postoperative period. Kluft C, et al. **Haemostasis** 1985;15(2):144-50

Intra-vascular coagulation and fibrinolysis in breast cancer. Sodhi J. **Indian J Cancer** 1983 Nov-Dec;20(5):255-60

Macrophage-related fibrinolysis in experimental disseminated histoplasmosis. Tiku ML, et al. **Infect Immun** 1985 Sep; 49(3):641-6

Normal blood coagulation, fibrinolysis, and natural inhibitors of coagulation. Roath S, et al. **Int Anesthesiol Clin** 1985 Summer;23(2):23-35

Defective fibrinolysis in survivors of myocardial infarction. Johnson O, et al. **Int J Cardiol** 1984 Sep;6(3):380-2

Scintigraphic evidence of the 'no reflow' phenomenon in human beings after coronary thrombolysis. Schofer J, et al. **J Am Coll Cardiol** 1985 Mar;5(3):593-8

Local fibrinolysis for the treatment of massive pulmonary embolism: efficacy of streptokinase infusion through pulmonary arterial catheter. Ambrose JE, et al. **J Am Osteopath Assoc** 1985 Feb;85(2):97-101

Primary pathological fibrinolysis in saw-scaled (Echis carinatus) viper bites. Saini RK, et al. **J Assoc Physicians India** 1984 May;32(5):391-3

Spontaneous fibrinolysis in whole human plasma. Identification of tissue activator-related protein as the major plasminogen activator causing spontaneous activity in vitro. Wun TC, et al. **J Biol Chem** 1985 Apr 25; 260(8):5061-6

A linkage between the hemostatic and immune systems embodied in the fibrinolytic release of lymphocyte suppressive peptides. Edgington TS, et al. **J Immunol** 1985 Jan;134(1):471-7

The fibrinogenolytic activity of purified tryptase from human lung mast cells. Schwartz LB, et al. **J Immunol** 1985 Oct; 135(4):2762-7

Fibrinolysis in health and disease: severe abnormalities in systemic lupus erythematosus. Glas-Greenwalt P, et al. **J Lab Clin Med** 1984 Dec;104(6):962-76

The role of the fibrinolytic system in deep vein thrombosis. Wiman B, et al. **J Lab Clin Med** 1985 Feb;105(2):265-70

Reduced platelet-mediated and enhanced leukocyte-mediated fibrinolysis in experimentally induced diabetes in rats. Winocour PD, et al. **J Lab Clin Med** 1985 May;105(5):613-8

Coagulation and fibrinolytic factors in the first week of life in healthy infants. Peters M, et al. **J Pediatr** 1985 Feb; 106(2):292-5

Inhibition of human tumor cell-associated fibrinolysis by vascular bovine smooth muscle cells. Laug WE. **JNCI** 1985 Aug;75(2):345-52

Fibrinolytic defect in chronic back pain [letter] **Lancet** 1985 Jan 5;1(8419):47

A fibrinolytic defect in chronic back pain syndromes. Jayson MI, et al. **Lancet** 1984 Nov 24;2(8413):1186-7

Fibrinolytic defect in chronic back pain [letter] Jayson MI, et al. **Lancet** 1985 Feb 9;1(8424):338

Fibrogenesis in chronic lymphedema [letter] Foldi E. **Lymphology** 1984 Sep;17(3):82

Perturbation of fibrinolysis inhibitors in progressive systemic sclerosis. Rothschild B, et al. **Med Hypotheses** 1985 Mar; 16(3):253-60

Fibrinolysis in diabetes mellitus. Role of overweight and hypertriglyceridemia. Cucuianu M, et al. **Med Interne** 1984 Jul-Sep;22(3):171-7

The fibrinolytic activity of cerebrospinal fluid after subarachnoid hemorrhage. Steinmetz H, et al. **Neurol Res** 1983;5(4):59-65

A study on the fibrinolytic activity of cadaveric blood: isolation and characterization of plasminogen activator from cadaveric plasma after sudden death. Nakasono I. **Nippon Hoigaku Zasshi** 1984 Jun;38(3):280-8

The study of local fibrinolysis in abortion. Ikeuchi M. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul; 37(7):1215-23

Local fibrinolytic activity of human optic nerve vessels. Yoshitomi F, et al. **Ophthalmic Res** 1984;16(5):239-45

Impaired fibrinolysis after kidney transplantation. Seitz R, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:941-4

The pathophysiological role of fibrinolysis inhibitors. Lijnen HR, et al. **Ric Clin Lab** 1984 Jul-Sep;14(3):499-505 (50 ref.)

Fibrinolysis: molecular mechanism and pathophysiological aspects. Lijnen HR. **Sangre (Barc)** 1984;29(4-C):755-61 (37 ref.)

Factors and inhibitors of blood coagulation and fibrinolysis in acute nonlymphoblastic leukaemia. Bratt G, et al. **Scand J Haematol** 1985 Apr;34(4):332-9

Lysis of obstructive renal pelvic clots with retrograde instillation of streptokinase. A case report. Stegmayr B, et al. **Scand J Urol Nephrol** 1984;18(4):347-50

Antibody-directed urokinase: a specific fibrinolytic agent. Bode C, et al. **Science** 1985 Aug 23;229(4715):765-7

Diagnostic efficacy of a simple radioimmunoassay test for fibrinogen/fibrin fragments containing the B beta 15-42 sequence. Walenga JM, et al. **Semin Thromb Hemost** 1984 Oct;10(4):252-63

Inherited fibrinolytic disorder due to an enhanced plasminogen activator level. Aznar J, et al. **Thromb Haemost** 1984 Oct 31;52(2):196-200

Fibrinolytic activators and inhibitors in terminal renal insufficiency and in anephric patients. Brommer EJ, et al. **Thromb Haemost** 1984 Dec 29;52(3):311-4

Masking of fibrinolytic response to stimulation by an inhibitor of tissue-type plasminogen activator in plasma. Brommer EJ, et al. **Thromb Haemost** 1984 Oct 31;52(2):154-6

Fifteen coagulation and fibrinolysis parameters in diabetes mellitus and in patients with vasculopathy. Christe M, et al. **Thromb Haemost** 1984 Oct 31;52(2):138-43

In vitro studies on the fibrinolytic, thrombolytic and fibrinogenolytic properties of a tissue plasminogen activator from guinea pig keratocytes. Electricwala A, et al. **Thromb Haemost** 1985 Apr 22;53(2):200-3

Impaired fibrinolytic capacity predisposes for recurrence of venous thrombosis. Korninger C, et al. **Thromb Haemost** 1984 Oct 31;52(2):127-30

In vitro fibrinolytic activity of recombinant tissue-type plasminogen activator in the plasma of various primate species. Lijnen HR, et al. **Thromb Haemost** 1984 Dec 29; 52(3):308-10

Biological and thrombolytic properties of proenzyme and active forms of human urokinase--I. Fibrinolytic and fibrinogenolytic properties in human plasma in vitro of urokinases obtained from human urine or by recombinant DNA technology. Zamarron C, et al. **Thromb Haemost** 1984 Aug 31;52(1):19–23

The fibrinolytic system in patients with congenital protein C deficiency. Conard J, et al. **Thromb Res** 1984 Nov 15; 36(4):363–7

Can physical exercise induce an effective fibrinolysis? Dufaux B, et al. **Thromb Res** 1984 Oct 1;36(1):37–43

Relationship between preoperative status of the fibrinolytic system and occurrence of deep vein thrombosis after major abdominal surgery. Mellbring G, et al. **Thromb Res** 1985 Jul 15;39(2):157–63

Modulation of tissue fibrinolysis from hypoxia and hyperoxia. Risberg B, et al. **Thromb Res** 1985 Apr 15;38(2):129–36

The enhanced activation of Glu-plasminogen by urokinase in the presence of fibrin or des A fibrin as measured by the release of B beta peptide and FDP. Urano T, et al. **Thromb Res** 1984 Dec 1;36(5):429–35

Changes in coagulation and fibrinolysis occurring in dogs during hypothermia. Yoshihara H, et al. **Thromb Res** 1985 Feb 15;37(4):503–12

Reduced fibrinolytic activity in aqueous humor of chronic simple glaucoma. Mehra KS, et al. **Tokai J Exp Clin Med** 1984 Mar;9(1):33–4

Biological stress induced by extracorporeal circulation: comparison between cardiopulmonary bypass, hemodialysis and plasma exchange. Stratta P, et al. **Trans Am Soc Artif Intern Organs** 1984;30:502–7

Characterization of fibrinolytic activity in human vascular grafts. Ljungnér H, et al. **Vasa** 1985;14(1):21–4

Activation of blood coagulation, fibrinolytic and kallikrein systems during storage of plasma. Blombäck M, et al. **Vox Sang** 1984;47(5):355–42

[Potential fibrinolytic activity of the blood in jaundice of parenchymal and mechanical origin] Boiadzhiian Kh. **Vutr Boles** 1984;23(5):43–8 (Eng. Abstr.) (Bul)

[Use of desmopressin (DDAVP) in the detection of decreased fibrinolytic capacity in persons with idiopathic venous thrombosis and myocardial infarct at a young age] Cepelák V, et al. **Vnitr Lek** 1985 Mar;31(3):232–9 (Eng. Abstr.) (Cze)

[Regression of residual coronary stenosis after recanalization by fibrinolysis in myocardial infarction. Quantitative analysis of coronary angiography immediately after obstruction removal, at a 15-day and 3-month follow-up] Cribier A, et al. **Arch Mal Coeur** 1985 Mar;78(3):353–60 (Eng. Abstr.) (Fre)

[Behçet's disease: a vascular function study by the venostasis test and DDAVP infusion] Le Roux G, et al. **Rev Med Interne** 1985 Mar;6(2):111–5 (Eng. Abstr.) (Fre)

[Hypofibrinolysis and thrombophilia] Cepelák V, et al. **Folia Haematol (Leipz)** 1984;111(4):456–67 (Eng. Abstr.) (Ger)

[Behavior of the intrinsic fibrinolytic system in healthy blood donors] Huyke R, et al. **Folia Haematol (Leipz)** 1984; 111(4):484–91 (Eng. Abstr.) (Ger)

[Continuous measurement of lysis of radioactively marked fibrin clots] Koth W, et al. **Folia Haematol (Leipz)** 1984; 111(6):870–6 (Eng. Abstr.) (Ger)

[Use of monoclonal antibodies in the diagnosis of fibrinolysis] Wojta J, et al. **Wien Klin Wochenschr** 1985 Mar 1; 97(5):244–8 (Eng. Abstr.) (Ger)

[Abnormal coagulation and fibrinolytic activities in glomerulonephritis and nephrotic syndrome] Nakagawa M, et al. **Nippon Rinsho** 1984 Jun;42(6):1386–92 (Jpn)

[Alternations in coagulation and fibrinolysis associated with extracorporeal circulation—the role of vasoactive prostanoids] Takeda H, et al. **Rinsho Kyobu Geka** 1984 Sep; 4(5):573–80 (Eng. Abstr.) (Jpn)

[Changes in kininogens, kininogenases and fibrinolysis in the blood of parturients] Czokało M, et al. **Ginekol Pol** 1984 Dec;55(12):911–7 (Eng. Abstr.) (Pol)

[Protein C—a selective inhibitor of blood coagulation] Dmoszyńska-Giannopoulou A, et al. **Pol Arch Med Wewn** 1984 May;71(5):313–6 (15 ref.) (Pol)

[Plasma fibrinolysis inhibitors] Nowak S, et al. **Pol Arch Med Wewn** 1985 Feb;73(2):113–21 (Pol)

[Selection of therapeutic procedures after myocardial infarction based on fibrinolytic activity, blood platelet function and lipid and carbohydrate metabolism] Zawilska K, et al. **Pol Arch Med Wewn** 1984 Dec;72(6):305–11 (Eng. Abstr.) (Pol)

[Efficiency of the fibrinolytic system in an early stage of arterial hypertension] Zawilska K, et al. **Pol Arch Med Wewn** 1984 Sep;72(3):83–6 (Eng. Abstr.) (Pol)

[Fibrinolytic activity of the gastric mucosa in peptic ulcer] Kowalewski R, et al. **Pol Tyg Lek** 1984 Jul 2;39(27):903–5 (Eng. Abstr.) (Pol)

[Effect of submaximal physical exertion on serum lipid levels and the blood coagulation and fibrinolysis systems in patients with arteriosclerosis] Markiewicz K, et al. **Pol Tyg Lek** 1984 Jun 12–25;39(25–26):857–61 (Eng. Abstr.) (Pol)

[Place and role of tissue plasminogen activator in the fibrinolysis process] Wilczyńska M, et al. **Postepy Hig Med Dosw** 1984 Jul–Aug;38(4):481–97 (91 ref.) (Eng. Abstr.) (Pol)

[Enzymatic-bacterial fibrinolysis during gynecologic surgery] Mikhailenko VM. **Anesteziol Reanimatol** 1984 Sep–Oct;(5):71–2 (Rus)

[Electron microscopic study of postmortem fibrinolysis] Senianskaia NL. **Arkh Patol** 1985;47(2):58–65 (Eng. Abstr.) (Rus)

[Destabilase: an enzyme of medicinal leech salivary gland secretion hydrolyzes the isopeptide bonds in stabilized fibrin.] Baskova IP, et al. **Biokhimiia** 1985 Mar;50(3):424–31 (Eng. Abstr.) (Rus)

[Fibrinolytic activity of heart tissues and aorta of rats undergoing electroshock] Liutova LV, et al. **Biol Nauki** 1985;(6):59–62 (Eng. Abstr.) (Rus)

[Anticoagulant and nonenzymatic fibrinolytic activity of plasma in animals after intravenous injection of a heparin-antithrombin III complex] Kudriashov BA, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):62–4 (Eng. Abstr.) (Rus)

[Functional state of the anticoagulation system in parturients with postpartum hemorrhage] Kudriashov BA, et al. **Fiziol Cheloveka** 1985 Mar–Apr;11(2):311–6 (Rus)

[Role of coagulating and anticoagulating blood factors in the pathogenesis of acute postoperative pancreatitis] Lupal'tsov VI, et al. **Klin Khir** 1984 Nov;(11):6–8 (Eng. Abstr.) (Rus)

[Kallikrein-kinin, fibrinolytic and coagulation systems of the blood of patients with salmonellosis treated with indomethacin] Pak SG, et al. **Klin Med (Mosk)** 1984 Oct; 62(10):99–102 (Rus)

[Mathematical method of determining the indicators of blood coagulation and fibrinolysis in the diagnosis of acute liver necrosis in hepatitis B] Zhitar' VD, et al. **Klin Med (Mosk)** 1984 Oct;62(10):102–6 (Eng. Abstr.) (Rus)

[Morphological composition of the blood, the coagulating system and fibrinolysis in rats in the late period after thymectomy] Pisarevskaia LI, et al. **Patol Fiziol Eksp Ter** 1984 Sep–Oct;(5):62–4 (Eng. Abstr.) (Rus)

[Blood coagulation system and fibrinolysis in children with congenital cleft palate] Pinelis IS, et al. **Stomatologiia (Mosk)** 1984 Nov–Dec;63(6):38–41 (Eng. Abstr.) (Rus)

[Vascular component of the fibrinolytic system of blood (plasminogen activator of vascular wall) in patients with duodenal ulcer with a history of hemorrhagic complications] Fisher AA, et al. **Ter Arkh** 1985; 57(5):137–41 (Eng. Abstr.) (Rus)

[Current views on structure and function of alpha2-antiplasmin.] Piliavskaia AS, et al. **Ukr Biokhim Zh** 1985 Mar–Apr;57(2):93–103 (62 ref.) (Eng. Abstr.) (Rus)

[Alpha 2-macroglobulin and the mechanism of its interaction with proteinases] Beremeenko KN, et al. **Vestn Akad Med Nauk SSSR** 1984;(8):60–4 (Eng. Abstr.) (Rus)

[Participation of the kidney in changes in the fibrinolytic system during electroshock] Andreenko GV, et al. **Vopr Med Khim** 1984 Jul–Aug;30(4):39–42 (Eng. Abstr.) (Rus)

[Primary fibrinolysis and adenocarcinoma of the prostate: presentation of 2 cases] López Jiménez L, et al. **Med Clin (Barc)** 1984 Nov 10;83(15):637–9 (Eng. Abstr.) (Spa)

DRUG EFFECTS

Postoperative haemostatic changes in patients given thromboembolic prophylaxis with dextran 70—alone, or in combination with dihydroergotamine. Lindblad B, et al. **Acta Chir Scand** 1984;150(7):525–9

Monitoring activity of fibrinolytic agents [letter] Gilkey FW. **Am J Med** 1985 Feb;78(2):A44, A46

Synergism of vitamins A and C on fibrinolysis. Inada Y, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):182–7

Animal experiments on the enhancement of fibrinolytic potential by anabolic steroids. Klöcking HP, et al. **Biomed Biochim Acta** 1984;43(4):501–7

Sustained thrombolysis with DNA-recombinant tissue type plasminogen activator in rabbits. Agnelli G, et al. **Blood** 1985 Aug;66(2):399–401

The influence of the polyphenols of cider on plasmin and plasminogen activators. Ogston D, et al. **Br J Haematol** 1985 Aug;60(4):705–13

Coronary thrombolysis in dogs with intravenously administered human pro-urokinase. Collen D, et al. **Circulation** 1985 Aug;72(2):384–8

Fibrinolytic activity in plasma and vessels of the hind leg in rats treated with ethinylestradiol and D-norgestrel. Kjaeldgaard A, et al. **Contraception** 1984 Aug;30(2):169–78

Prothrombin converting-and fibrinolytic effects of ecarin. Kornalík F. **Czech Med** 1985;8(1):51–4

Possible origin of amniotic fluid constituents influencing fibrinolytic activity. Pajor A, et al. **Haematologia (Budap)** 1984;17(4):443–8

Kinetics of urokinase-induced thrombolysis in a biphasic in vitro system. Iga Y, et al. **Haemostasis** 1985;15(3):189–97

Effect of trypsin inhibitors of Streptomyces griseus Cal. on blood clotting and fibrinolysis. Mukherjee M, et al. **Indian J Biochem Biophys** 1984 Apr;21(2):135–6

Increased synthesis of fibrinolytic inhibitor induced by muramyl dipeptide derivatives in human cultured endothelial cells. Dosne AM, et al. **Int J Immunopharmacol** 1985;7(2):225–30

Induction of fibrinolytic activity in HeLa cells by phorbol myristate acetate. Tissue-type plasminogen activator antigen and mRNA augmentation require intermediate protein biosynthesis. Waller EK, et al. **J Biol Chem** 1985 May 25;260(10):6354–60

Ancrod: normalization of fibrinolytic enzyme abnormalities in patients with systemic lupus erythematosus and lupus nephritis. Glas-Greenwalt P, et al. **J Lab Clin Med** 1985 Jan;105(1):99–107

Lupus nephritis with thrombosis and abnormal fibrinolysis: effect of ancrod. Kant KS, et al. **J Lab Clin Med** 1985 Jan;105(1):77–88

Low-dose streptokinase-induced clot lysis of an occluded arteriovenous fistula. Abejo RC, et al. **J Pediatr** 1985 Feb; 106(2):321–3

The effects of a combination of cigarette smoking and oral contraception on coagulation and fibrinolysis in human females. Harenberg J, et al. **Klin Wochenschr** 1985 Mar 1;63(5):221–4

Activated protein C stimulates the fibrinolytic activity of cultured endothelial cells and decreases antiactivator activity. Sakata Y, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1121–5

Studies on the profibrinolytic actions of heparin and its fractions. Fareed J, et al. **Semin Thromb Hemost** 1985 Apr; 11(2):199–207

Effects of norethisterone on coagulation and fibrinolysis in Asian women. Tsakok FH, et al. **Singapore Med J** 1984 Dec;25(6):442–8

In vitro effects of the acylated streptokinase-plasminogen activator complex BRL 33 575 incubated with normal human plasma. Lämmle B, et al. **Thromb Haemost** 1984 Jul 29;51(3):403–5

Biological and thrombolytic properties of proenzyme and active forms of human urokinase—IV. Variability in fibrinolytic response of plasma of several mammalian species. Lijnen HR, et al. **Thromb Haemost** 1984 Aug 31; 52(1):31–3

Discrepancy in fibrinolytic response to desmopressin as compared to venous occlusion—a preliminary report [letter] Nilsen DW, et al. **Thromb Haemost** 1985 Feb 18; 53(1):160

The effect of histamine (H2) receptor antagonists on the fibrinolytic activity in vitro. Stadnicki A, et al. **Thromb Haemost** 1985 Feb 18;53(1):24–5

Effects of oral stanozolol used in the prevention of postoperative deep vein thrombosis on fibrinolytic activity. Sue-Ling HM, et al. **Thromb Haemost** 1985 Feb 18; 53(1):141–2

Induction of a sustained fibrinolytic response by BRL 26921 in vitro. Fears R, et al. **Thromb Res** 1985 May 1; 38(3):251–60

The influence of cigarette smoke and treatment with contraceptive hormones on the fibrinolytic activity in the rat. Kjaeldgaard A, et al. **Thromb Res** 1984 Dec 15; 36(6):571–8

Fibrinolytic action of a new semi-synthetic polysaccharide sulfate, galactan polysulfate (DH 6322), in the rat. Kumada T, et al. **Thromb Res** 1985 Jul 1;39(1):9–19

The influence of LMW heparin on the coagulation and fibrinolytic response to surgery. Melissari E, et al. **Thromb Res** 1985 Jan 1;37(1):115–26

Studies of Wakan-Yakus (traditional herbal drugs): especially on the effects of Gaiyoh (Artemisiae folium) on blood coagulation. Niwa M, et al. **Thromb Res** 1985 Jun 15; 38(6):671–9

Activation of fibrinolysis by apolipoproteins of high density lipoproteins in man. Saku K, et al. **Thromb Res** 1985 Jul 1;39(1):1–8

Fibrinolytic activity in thrombin-infused rabbits. Szczepański M, et al. **Thromb Res** 1985 Jul 1;39(1):127–31

Fibrinogenolysis and fibrinolysis in normal volunteers and patients with thrombosis after infusion of urokinase. Urano T, et al. **Thromb Res** 1985 Jul 15;39(2):145–55

Studies on the influence of reactants and buffer environment on clot lysis induced by human plasminogen activators. Westlund LE, et al. **Thromb Res** 1985 Jan 1;37(1):213–23

Effects of a 'single shot' of urokinase on fibrinolytic activities in patients with IgA nephropathy. Tomino Y, et al. **Tokai J Exp Clin Med** 1984 Mar;9(1):43–7

[Present status of the regulation of physiological fibrinolysis. Therapeutic prospects of lys-plasminogen] Vandenbroeck MD, et al. **Rev Med Interne** 1984 Sep;5(3):251–4 (Fre)

[Thrombolytic therapy in acute myocardial infarct] Rentrop P, et al. **Dtsch Med Wochenschr** 1985 May 31;110(22):885–9 (Ger)

[Long-term results after local thrombolysis in acute massive pulmonary embolism] Schwarz F, et al. **Dtsch Med Wochenschr** 1985 Feb 22;110(8):293–7 (Eng. Abstr.) (Ger)

[Fibrinolytic therapy. Indications and execution] Trübestein G. **Dtsch Med Wochenschr** 1985 Sep 13;110(37):1417–9 (Ger)

[Activation of the fibrinolytic system with dehydrochlormethyltestosterone] Hoffmann A, et al. **Folia Haematol (Leipz)** 1984;111(4):556–62 (Eng. Abstr.) (Ger)

[Comparative studies on the activation of the fibrinolytic system by venous stasis and the administration of DDAVP] Huyke R, et al. **Folia Haematol (Leipz)** 1984;111(4):480–3 (Eng. Abstr.) (Ger)

[Modification of hypofibrinolytic states by dehydrochlormethyltestosterone] Vogel G, et al. **Folia Haematol (Leipz)** 1984;111(4):563–6 (Eng. Abstr.) (Ger)

[Possibilities of systemic fibrinolysis in acute myocardial infarct] Enenkel W, et al. **Wien Med Wochenschr** 1984 Dec 31;134(23–24):554–7 (Eng. Abstr.) (Ger)

[Results of local intracoronary fibrinolysis in acute myocardial infarct and the effects of reperfusion on the function of the left ventricle] Müller JH, et al. **Z Gesamte Inn Med** 1984 Dec 1;39(23):573–8 (Eng. Abstr.) (Ger)

[Vascular activator of fibrinolysis in patients treated with antidepressive drugs] Olajossy M, et al. **Psychiatr Pol** 1984 Nov–Dec;18(6):543–8 (Eng. Abstr.) (Pol)

[Mechanism of inhibition of non-enzymatic fibrinolysis by a spleen factor] Liapina LA, et al. **Biokhimiia** 1985 Jan; 50(1):69–73 (Eng. Abstr.) (Rus)

[Antifibrinolytic effect of heparin] Rozenfel'd MA, et al. **Biokhimiia** 1984 Oct;49(10):1672–8 (Eng. Abstr.) (Rus)

[Participation of the kidneys in the reaction of the anticoagulation system to thrombin administered into the blood stream] Andreenko GV, et al. **Biol Nauki** 1984; (10):52–5 (Eng. Abstr.) (Rus)

[Streptomyces spheroides M8-2 strain—a producer of extracellular proteolytic enzymes possessing fibrinolytic and thrombolytic action] Egorov NS, et al. **Biol Nauki** 1985;(1):77–81 (Eng. Abstr.) (Rus)

[Effect of the enzyme preparation longolytin on fibrinolysis in animals] Serebriakova TN, et al. **Biol Nauki** 1985; (2):66–71 (Eng. Abstr.) (Rus)

[Nonenzymatic fibrinolytic reaction to the intravenous administration of small doses of Salmonella endotoxin to rabbits] Esartiia DT, et al. **Biull Eksp Biol Med** 1984 Oct; 98(10):416–8 (Eng. Abstr.) (Rus)

[Light optical and electron microscopic studies of the tumor cells in rats exposed to vinblastine against a background of increased activity of the anticoagulating system] Kolomina SM, et al. **Eksp Onkol** 1985;7(1):60–4 (Eng. Abstr.) (Rus)

[Natural variability of Streptomyces spheroides—a producer of extracellular proteolytic enzymes possessing fibrinolytic action] Prianishnikova NI, et al. **Mikrobiologiia** 1984 Sep–Oct;53(5):768–71 (Eng. Abstr.) (Rus)

[Molecular mechanisms of fibrinolysis and perspectives of thrombolytic therapy] Veremeenko KN, et al. **Vopr Med Khim** 1984 Sep–Oct;30(5):13–22 (65 ref.) (Eng. Abstr.) (Rus)

[The effect of ticlopidine and lysine acetylsalicylate on fibrinolytic activity of the arterial wall in experimental atherosclerosis] Lasierra J, et al. **Arch Farmacol Toxicol** 1984 Dec;10(3):161–6 (Eng. Abstr.) (Spa)

FIBRINOLYTIC AGENTS

The optimal antithrombotic dose of aspirin [editorial] Hirsh J. **Arch Intern Med** 1985 Sep;145(9):1582–3

Evolution of the proteases of blood coagulation and fibrinolysis by assembly from modules. Patthy L. **Cell** 1985 Jul;41(3):657–63 (58 ref.)

Augmentation of streptokinase-induced thrombolysis by heparin and prostacyclin. Schumacher WA, et al. **J Cardiovasc Pharmacol** 1985 Jul–Aug;7(4):739–46

A randomized blind study comparing standard heparin and a new low molecular weight heparinoid in cardiopulmonary bypass surgery in dogs. Henny CP, et al. **J Lab Clin Med** 1985 Aug;106(2):187–96

Pro-UK: another entry in the thrombolytic arena [news] Goldsmith MF. **JAMA** 1985 Mar 22–29;253(12):1694–5

Biological and thrombolytic properties of proenzyme and active forms of human urokinase—III. Thrombolytic properties of natural and recombinant urokinase in rabbits with experimental jugular vein thrombosis. Collen D, et al. **Thromb Haemost** 1984 Aug 31;52(1):27–30

Plasmin inhibitors and fibrinogen breakdown during the initial phase of thrombolytic treatment—the problem of the alpha 2-antiplasmin determination. Noll G, et al. **Thromb Haemost** 1984 Jul 29;51(3):334–7

Y-590 (a new pyridazinone derivative), a potent anti-thrombotic agent—II. Inhibition of platelet phosphodiesterase. Mikashima H, et al. **Thromb Res** 1984 Sep 1;35(5):589–94

[Thrombolytic action of heparin and a low molecular weight fraction] Bousquet F, et al. **Therapie** 1985 Jan–Feb; 40(1):13–6 (Eng. Abstr.) (Fre)

[Effect of Panax notoginseng on experimental disseminated intravascular coagulation (DIC)] Kubo M, et al. **Yakugaku Zasshi** 1984 Jul;104(7):757–62 (Eng. Abstr.) (Jpn)

[Fibrinolytic action of an enzyme preparation conjugated with specific antibodies] Torchilin VP, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):556–8 (Eng. Abstr.) (Rus)

[Use of a column chromatographic method for obtaining a thrombolytic preparation from the culture broth of the fungus Trichothecium roseum] Gavrilov OK, et al. **Gematol Transfuziol** 1985 Jan;30(1):56–8 (Rus)

ADMINISTRATION & DOSAGE

Relation of effectiveness of intracoronary thrombolysis in acute myocardial infarction to systemic thrombolytic state. Burket MW, et al. **Am J Cardiol** 1985 Sep 1;56(7):441–4

Transcatheter thrombolysis in cancer patients. Kudo S, et al. **Cardiovasc Intervent Radiol** 1985;8(1):1–7

Factors influencing probability of reperfusion with intracoronary ostial infusion of thrombolytic agent in patients with acute myocardial infarction. Tendera MP, et al. **Circulation** 1985 Jan;71(1):124–8

Dextran/aspirin versus heparin/dihydroergotamine in preventing thrombosis after hip fractures. Pini M, et al. **J Bone Joint Surg [Br]** 1985 Mar;67(2):305–9

Intravenous thrombolysis in acute myocardial infarction: a progress report [editorial] Relman AS. **N Engl J Med** 1985 Apr 4;312(14):915–6

An assessment of regional versus systemic thrombolytic treatment of peripheral and coronary artery thrombosis. Marder VJ, et al. **Prog Hemost Thromb** 1984;7:325–56 (163 ref.)

[Does intracoronary thrombolytic therapy in myocardial infarct improve left ventricular function?] Widimský P, et al. **Vnitr Lek** 1985 May;31(5):430–40 (Eng. Abstr.) (Cze)

[A possible alternative in failure of percutaneous intracoronary fibrinolysis: percutaneous endoluminal dilatation] Grollier G, et al. **Ann Cardiol Angeiol (Paris)** 1984 Nov;33(7):435–9 (Eng. Abstr.) (Fre)

[In situ low-dose fibrinolysis in the treatment of ischemia of the limbs] Courtheoux P, et al. **Ann Radiol (Paris)** 1984 Dec;27(8):667–74 (Eng. Abstr.) (Fre)

[Prevention of recurrent thrombophlebitis by long-term use of fibrinolysis-activating drugs] Czestochowska E. **Pol Tyg Lek** 1984 Jun 12–25;39(25–26):853–6 (Eng. Abstr.) (Pol)

[Substantiation of using magnet-directed localization of drugs for the treatment of thrombosis] Rusetskiĭ AN, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1985;8(1):100–5 (Eng. Abstr.) (Rus)

[Effect of streptodecase and heparin on the state of hemostasis in patients with acute myocardial infarction] Mazaev AV, et al. **Kardiologiia** 1984 Jul;24(7):62–6 (Eng. Abstr.) (Rus)

[Surgical revascularization immediately after intracoronary streptokinase perfusion. Presentation of a case] Pomar JL, et al. **Rev Esp Cardiol** 1984 Sep–Oct;37(5):368–70 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

Serum sickness complicating intravenous streptokinase therapy in acute myocardial infarction. Alexopoulos D, et al. **Eur Heart J** 1984 Dec;5(12):1010–2

[Hemorrhagic neurologic complications during therapy with anticoagulants and fibrinolytic agents] Bewermeyer H, et al. **Dtsch Med Wochenschr** 1984 Oct 26;109(43):1653–9 (84 ref.) (Ger)

[Correlation between thrombolytic therapy and liver rupture?] Pansold E, et al. **Z Arztl Fortbild (Jena)** 1985; 79(13):575–6 (Ger)

BLOOD

High-performance liquid chromatographic procedure for the determination of a new antithrombotic and vasodilating agent, cilostazol, in human plasma. Akiyama H, et al. **J Chromatogr** 1985 Mar 22;338(2):456–9

[Approach of hematology. Abnormal findings of coagulation and fibrinolytic factors in DIC] Ikematsu S, et al. **Rinsho Byori** 1984 Aug;32(8):862–8 (Jpn)

CHEMICAL SYNTHESIS

Structure and synthesis of WB-3559 A, B, C and D, new fibrinolytic agents isolated from Flavobacterium sp. Uchida I, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):424–7

Synthesis and platelet aggregation inhibitory activity of 4,5-bis(substituted)-1,2,3-thiadiazoles. Thomas EW, et al. **J Med Chem** 1985 Apr;28(4):442–6

ISOLATION & PURIFICATION

Studies on new antiplatelet agents, WS-30581 A and B. Umehara K, et al. **J Antibiot (Tokyo)** 1984 Oct; 37(10):1153–60

METABOLISM

Thrombolytic properties of an inactive proenzyme form of human urokinase secreted from human kidney cells. Kasai S, et al. **Cell Struct Funct** 1985 Jun;10(2):151–9

Binding of low-molecular-weight heparin to aortic endothelium in rabbits. Gensini GF, et al. **Haemostasis** 1984;14(6):466–72

PHARMACODYNAMICS

Ticlopidine as an experimental antithrombotic agent. Vallée E, et al. **Agents Actions [Suppl]** 1984;15:50–9

Nafazatrom (BAY g 6575), a potent stimulator of prostacyclin release from cardiac and renal vessel wall. Klitzke AK. **Arch Int Pharmacodyn Ther** 1984 Oct;271(2):220–8

Inhibition of leukotriene B4 formation in human neutrophils after oral nafazatrom (Bay g 6575). Strasser T, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):1891–4

The relative importance of thrombin inhibition and factor Xa inhibition to the antithrombotic effects of heparin. Buchanan MR, et al. **Blood** 1985 Jan;65(1):198–201

Prothrombin converting-and fibrinolytic effects of ecarin. Kornalík F. **Czech Med** 1985;8(1):51–4

An overview of antiplatelet and antithrombotic drugs. Verstraete M, et al. **Haemostasis** 1985;15(2):89–99 (62 ref.)

Experimental coronary artery thrombosis in the absence of thromboxane A2 synthesis: evidence for alternate pathways for coronary thrombosis. Hook BG, et al. **J Cardiovasc Pharmacol** 1985 Jan–Feb;7(1):174–81

Antithrombotic properties in rabbits of heparin and heparin fragments covalently coupled to human antithrombin III. Mattsson C, et al. **J Clin Invest** 1985 Apr;75(4):1169–73

Mechanism of the stimulation of prostaglandin H synthase and prostacyclin synthase by the antithrombotic and antimetastatic agent, nafazatrom. Marnett LJ, et al. **Mol Pharmacol** 1984 Sep;26(2):328–35

Effect of antithrombotic agents after carotid endarterectomy in rats. Spallone A, et al. **Neurosurgery** 1985 Jun;16(6):780–5

Modification of transoperative changes in blood fluidity by hydroxychloroquine: a possible explanation for the drug's antithrombotic effect. Ernst E, et al. **Pharmatherapeutica** 1984;4(1):48–52

Progress review: the relationship between dose of aspirin, side-effects and antithrombotic effectiveness. Hirsh J. **Stroke** 1985 Jan–Feb;16(1):1–4 (49 ref.)

Platelet survival and function in animals with prosthetic mitral valve: the effect of nafazatrom. Al-Mondhiry H, et al. **Thromb Haemost** 1984 Oct 31;52(2):99–101

The effect of heparin fragments of different molecular weights on experimental thrombosis and haemostasis. Bergqvist D, et al. **Thromb Res** 1985 Jun 15;38(6):589–601

Antithrombotic effect of ticlopidine in a platelet-independent model of venous thrombosis. Bernat A, et al. **Thromb Res** 1985 Jan 15;37(2):279–85

The fibrinolytic action of flufenamate and its influence on plasminogen binding to fibrin. Chevallet-Prandini MH, et al. **Thromb Res** 1985 Jun 1;38(5):481–9

Fibrinolytic action of a new semi-synthetic polysaccharide sulfate, galactan polysulfate (DH 6322), in the rat. Kumada T, et al. **Thromb Res** 1985 Jul 1;39(1):9–19

The pharmacological profile of the thromboxane A2 antagonist BM 13.177. A new anti-platelet and anti-thrombotic drug. Stegmeier K, et al. **Thromb Res** 1984 Aug 15;35(4):379–95

[Effect of Chinese medicine on the morphology of megakaryocytes in patients with thrombocytopenic purpura] Deng YA. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):349–51 (Eng. Abstr.) (Chi)

[Effect of ilexonin A on platelet function and ultrastructure] Wang Z, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr; 5(4):232–4, 197 (Eng. Abstr.) (Chi)

[Platelet research method and its application in the study of 'huo xuo hua yu'] Wang Z. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):501–4 (Chi)

[A comparative study on the effect of 20 herbs activating blood circulation and decreasing blood stasis on the obstruction of experimental microcirculation] Weng WL. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):555–7, 517 (Eng. Abstr.) (Chi)

[Effects of a compound prescription of blood activator and tetramethylpyrazine on the biosynthesis of thromboxane A2] Wu YS, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):169–71, 133 (Eng. Abstr.) (Chi)

[Progress in the experimental research on the function of huo xue hua yu of Leonurus heterophyllus Sweet] Zhang CF. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):638–40 (Chi)

[Effect of ilexonin A on plasma euglobulin lysis and platelet aggregation] Liu GD, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Sep;5(3):185–7 (Eng. Abstr.) (Chi)

[The percutaneous action of a heparin-allantoin-dexpanthenol combination in a specific ointment base. Thrombolytic action on the rabbit ear] Tauschel HD, et al. **Arzneimittelforsch** 1984;34(12):1768–72 (Eng. Abstr.) (Ger)

[Does dipyridamole (Persantin) have antithrombotic action? (letter)] Loeliger EA. **Schweiz Med Wochenschr** 1985 Feb 16;115(7):252–3 (Ger)

[Tissue plasminogen activator] Matsuo O. **Rinsho Ketsueki** 1984 Jul;25(7):1004–10 (Eng. Abstr.) (Jpn)

[Combined effects of PGI2 and thrombin inhibitors or fibrinolytic agent on platelet aggregation and disaggregation] Takahashi H, et al. **Rinsho Ketsueki** 1984 Jul;25(7):998–1003 (Eng. Abstr.) (Jpn)

[Immunomodulating action of terrilytin] Chalyĭ GA, et al. **Farmakol Toksikol** 1984 Jul–Aug;47(4):81–5 (Eng. Abstr.) (Rus)

[Anticoagulating properties of fungal proteases tricholysine (triase) and longolytin] Serebriakova TN, et al. **Vopr Med Khim** 1984 Sep–Oct;30(5):37–40 (Eng. Abstr.) (Rus)

[Molecular mechanisms of fibrinolysis and perspectives of thrombolytic therapy] Veremeenko KN, et al. **Vopr Med Khim** 1984 Sep–Oct;30(5):13–22 (65 ref.) (Eng. Abstr.) (Rus)

THERAPEUTIC USE

Thrombolytic treatment of massive pulmonary embolism. Verstraete M. **Acta Clin Belg** 1984;39(4):193–6

Evaluation of the antithrombotic efficacy of ticlopidine in man. Panak E, et al. **Agents Actions [Suppl]** 1984;15:148–66

Lack of efficacy of nafazatrom, a novel anti-thrombotic compound, in patients with coronary artery disease. Roy L, et al. **Am Heart J** 1985 May;109(5 Pt 1):1026–31

Thrombolytic therapy in acute myocardial infarction: review of clinical trials. Rentrop KP, et al. **Am J Cardiol** 1984 Dec 21;54(11):29E–31E (36 ref.)

Percutaneous transluminal coronary angioplasty in acute myocardial infarction without prior thrombolytic therapy. Sriram R, et al. **Am J Cardiol** 1985 Mar 1;55(6):842–3

Developing guidelines for thrombolytic therapy. Comer JB, et al. **Am J Hosp Pharm** 1984 Nov;41(11):2374–7

Monitoring activity of fibrinolytic agents [letter] Gilkey FW. **Am J Med** 1985 Feb;78(2):A44, A46

Surgical implications of fibrinolytic therapy. Hurley JJ, et al. **Am J Surg** 1984 Dec;148(6):830–5

Thrombolytic therapy followed by first rib resection for spontaneous ('effort') subclavian vein thrombosis. Taylor LM Jr, et al. **Am J Surg** 1985 May;149(5):644–7

Subacute massive thromboembolic occlusion of a main pulmonary artery. Report of a case successfully treated by thrombolytic therapy and review of the literature. Woods BO, et al. **Angiology** 1985 Jan;36(1):58–63

Thrombolysis for evolving myocardial infarction. Health and Public Policy Committee, American College of Physicians. **Ann Intern Med** 1985 Sep;103(3):463–9 (66 ref.)

The current and future use of thrombolytic therapy. Sherry S, et al. **Annu Rev Pharmacol Toxicol** 1985;25:413–31 (82 ref.)

New approaches to thrombolytic therapy. Collen D, et al. **Arteriosclerosis** 1984 Nov–Dec;4(6):579–85 (73 ref.)

Coronary thrombolysis with intravenous anisoylated plasminogen-streptokinase complex BRL 26921. Been M, et al. **Br Heart J** 1985 Mar;53(3):253–9

Nafazatrom-induced salvage of ischemic myocardium in anesthetized dogs is mediated through inhibition of neutrophil function. Bednar M, et al. **Circ Res** 1985 Jul; 57(1):131–41

Thrombolytic therapy in patients with acute myocardial infarction. Rentrop KP. **Circulation** 1985 Apr;71(4):627–31

Sustained improvement of pulmonary hemodynamics in patients at rest and during exercise after thrombolytic treatment of massive pulmonary embolism. Schwarz F, et al. **Circulation** 1985 Jan;71(1):117–23

Factors that determine recovery of left ventricular function after thrombolysis in patients with acute myocardial infarction. Sheehan FH, et al. **Circulation** 1985 Jun; 71(6):1121–8

The changing climate for cardiovascular research: stresses and opportunities. Sobel BE. **Circulation** 1985 Aug;72(2 Pt 2):136–40

Treatment of pulmonary embolism and deep vein thrombosis with thrombolytic therapy. Volgesang GB, et al. **Clin Chest Med** 1984 Sep;5(3):487–94 (42 ref.)

Intracoronary thrombolytic treatment in myocardial infarction and unstable angina pectoris. Cervenka V, et al. **Cor Vasa** 1985;27(1):1–10

Coronary thrombolysis for evolving myocardial infarction. Spann JF, et al. **Drugs** 1984 Nov;28(5):465–83 (59 ref.)

Beneficial effects of nafazatrom on ischemic reperfused myocardium. Shea MJ, et al. **Eur J Pharmacol** 1984 Jun 15;102(1):63–70

Thrombolytic therapy in acute myocardial infarction [editorial] Sharma GV. **Indian Heart J** 1984 Nov–Dec; 36(6):337–8

Coronary thrombolysis: progress and promise. Sobel BE. **J Cardiovasc Pharmacol** 1984;6 Suppl 6:S910–3

Effect of TEI-4120 (3-benzoyl-N-beta-ethoxyisopropyl-2-methlindole) on carrageenan induced disseminated intravascular coagulation (DIC) in rats. Wada H, et al. **J Pharmacobiodyn** 1984 Jun;7(6):385–91

Effects of intracoronary thrombolysis therapy on left ventricular function after acute myocardial infarction. Sato H, et al. **Jpn Circ J** 1985 Jun;49(6):616–26

Thrombolytic therapy for acute myocardial infarction [letter] Gurewich V, et al. **N Engl J Med** 1985 Sep 26;313(13):825

Effect of a new antithrombotic agent (defibrotide) in acute renal failure due to thrombotic microangiopathy. Bonomini V, et al. **Nephron** 1985;40(2):195–200

In vivo activity of a new heparinoid. Ockelford PA, et al. **Pathology** 1985 Jan;17(1):78–81

Thrombolysis in early transmural myocardial infarction. Feasibility and efficacy. Vetrovec GW. **Postgrad Med** 1985 Mar;77(4):58–63, 66–7

Thrombosed synthetic hemodialysis access fistulas: failure of fibrinolytic therapy. Young AT, et al. **Radiology** 1985 Mar; 154(3):639–42

Decision to adopt new medical technology: a case study of thrombolytic therapy. Becker DM, et al. **Soc Sci Med** 1985; 21(3):291–8

Systemic effects of BRL 26921 during thrombolytic treatment of acute myocardial infarction. Hoffmann JJ, et al. **Thromb Res** 1985 Mar 1;37(5):567–72

Antithrombotic and thrombolytic effects of galactan polysulfate (DH 6322) in rats. Kumada T, et al. **Thromb Res** 1985 Jul 1;39(1):21–8

Treatment with stanozolol before thrombolysis in patients with arterial occlusions. Noll G, et al. **Thromb Res** 1985 Feb 15;37(4):529–32

Effects of BM 13.177, a new antiplatelet drug in patients with atherosclerotic disease. Riess H, et al. **Thromb Res** 1984 Aug 15;35(4):371–8

[Short-term effect of 23 cases of leukopenia treated with Chinese huo xue hua yu drugs] Deng YA. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec;4(12):717–9 (Eng. Abstr.) **(Chi)**

[Nail-fold and tongue-tip microcirculation in children with acute glomerulonephritis and treatment with huo xue hua yu] Li G. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov; 4(11):669–71, 643 (Eng. Abstr.) **(Chi)**

[Experimental observation on treating acute radiation sickness by replenishing vital energy and dispersing blood stasis] Wang HF. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):359–61 (Eng. Abstr.) **(Chi)**

[Treatment of schizophrenia with a method of activating blood circulation and relieving stasis of the blood and changes in blood rheology] Wu CY. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec;4(12):714–6 (Eng. Abstr.) **(Chi)**

[Effect of an antithrombotic enzyme of Agkistrodon halys venom in the treatment of cerebral thrombosis--report of 322 cases] Hao WX. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Aug; 17(4):223–5 (Eng. Abstr.) **(Chi)**

[Clinical effectiveness of a new thrombolytic preparation, Streptodecase] Cazov EI, et al. **Cas Lek Cesk** 1985 Jan 4;124(1):4–9 (Eng. Abstr.) **(Cze)**

[The antithrombotic action of oral anticoagulants, acetylsalicylic acid (Aspirin) and dipyridamole (Persantin)] Loeliger EA. **Ned Tijdschr Geneeskd** 1984 Oct 27; 128(43):2047–9 **(Dut)**

[Pleural unclotting with fibrinolytics in coagulated postoperative hemothorax] Raut Y, et al. **Agressologie** 1984 Sep;25(8):931–3 (Eng. Abstr.) **(Fre)**

[Thrombolysis in myocardial infarction. Current status. Prospects] Brochier ML. **Ann Cardiol Angeiol (Paris)** 1985 Mar;34(3):119–24 (42 ref.) (Eng. Abstr.) **(Fre)**

[Diagnosis of thromboses of aortic and mitral valve prostheses. Treatment by fibrinolytic agents] Ledain L, et al. **Ann Cardiol Angeiol (Paris)** 1985 Apr 15;34(4):214 **(Fre)**

[Pleural clot ablation and fibrinolytic agents] Brulé JF, et al. **Ann Fr Anesth Reanim** 1985;4(3):298–300 (Eng. Abstr.) **(Fre)**

[Efficacy and value of fibrinolytic agents in chronic proximal venous thrombosis of the lower limbs] Bonnet J, et al. **Arch Mal Coeur** 1984 Sep;77(9):1033–9 (Eng. Abstr.) **(Fre)**

[Systemic fibrinolytic treatment in the acute phase of myocardial infarction. Effects on coronary repermeation and left ventricular function] Douste-Blazy P, et al. **Arch Mal Coeur** 1984 Nov;77(12):1322–8 (Eng. Abstr.) **(Fre)**

[Accentuation of myocardial ischemia during coronary recanalization in the acute phase of myocardial infarction] Monassier JP, et al. **Arch Mal Coeur** 1984 Dec; 77(13):1456–61 (Eng. Abstr.) **(Fre)**

[Role of thrombolytic treatment in thrombosis of valvular prostheses. Apropos of 2 cases and review of the world literature] Tasrini J, et al. **Arch Mal Coeur** 1984 Oct; 77(10):1108–13 (Eng. Abstr.) **(Fre)**

[Coronary angioplasty immediately after intracoronary thrombolysis during the acute phase of myocardial infarction] Valeix B, et al. **Arch Mal Coeur** 1984 Nov; 77(12):1315–21 (Eng. Abstr.) **(Fre)**

[Role of thrombolytics in the treatment of iliocaval venous thrombosis] Cohen S, et al. **Chirurgie** 1984;110(5):469–71 (Eng. Abstr.) **(Fre)**

[Role of intravenous fibrinolysis and endoluminal dilatation in the acute phase of myocardial infarction (letter)] Grollier G, et al. **Presse Med** 1985 Feb 23;14(8):491 **(Fre)**

[Thrombolytic treatment. A new stage (editorial)] Housset E. **Rev Med Interne** 1984 Sep;5(3):189 **(Fre)**

[Progress in cardiologic therapy. Thrombolysis expanded--prevention possibilities employed early--ACE inhibitors as therapeutic hit] Michel D, et al. **Fortschr Med** 1985 Jan 10;103(1–2):5–7 **(Ger)**

[Use of antithrombotic agents within the scope of anesthesiology and intensive therapy] Hinsenbrock KP, et al. **Z Arztl Fortbild (Jena)** 1984;78(18):747–51 **(Ger)**

[Management of Leriche syndrome by Dotter's method and oral fibrinolytic agents] Horváth L, et al. **Orv Hetil** 1985 Mar 17;126(11):651–5 (Eng. Abstr.) **(Hun)**

[Thrombolytic agents] Furukawa K. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1166–9 (Eng. Abstr.) **(Jpn)**

[Effect of systemic thrombolytic therapy on necrotic focus formation in myocardial infarct patients] Golikov AP, et al. **Kardiologiia** 1984 Sep;24(9):47–50 (Eng. Abstr.) **(Rus)**

[Control of antithrombotic therapy] Makatsariia AD, et al. **Sov Med** 1985;(1):65–71 **(Rus)**

[Systemic thrombolysis in acute myocardial infarct] Jedlovský A, et al. **Vnitr Lek** 1985 May;31(5):441–6 (Eng. Abstr.) **(Slo)**

[Advances in coronary surgery: acute myocardial infarct and revascularization surgery] Concha Ruiz M. **Rev Esp Cardiol** 1984;37 Suppl 1:16–25 (62 ref.) (Eng. Abstr.) **(Spa)**

[Intracoronary thrombolysis in patients with unstable angina] Macaya C, et al. **Rev Esp Cardiol** 1985 Mar–Apr; 38(2):79–83 (Eng. Abstr.) **(Spa)**

[Myocardial revascularization in the developing phase of myocardial infarction using intracoronary thrombolytic therapy] Puel J, et al. **Rev Med Univ Navarra** 1984 Dec; 28(4):43–6 (Eng. Abstr.) **(Spa)**

[Intracoronary thrombolysis using streptokinase in acute myocardial infarction. Pilot study of 12 cases] Andrés P, et al. **Sangre (Barc)** 1984;29(3):233–43 (Eng. Abstr.) **(Spa)**

[Thrombolytic treatment of deep venous thrombosis] Martínez-Brotons F, et al. **Sangre (Barc)** 1984; 29(4–C):762–6 **(Spa)**

[Therapeutic advances against thromboembolic disease: II. The use of tissue fibrinolysis activator as a thrombolytic agent] Rueda F, et al. **Sangre (Barc)** 1984;29(4–A):429–48 (58 ref.) (Eng. Abstr.) **(Spa)**

FIBRINOPEPTIDES A see under **FIBRINOGEN**

FIBRINOPEPTIDES B see under **FIBRINOGEN**

FIBROBLAST GROWTH FACTOR

ANALYSIS

Immunoreactive fibroblast growth factor in cells of peritoneal exudate suggests its identity with macrophage-derived growth factor. Baird A, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):358–64

Inhibition of growth of certain human tumour cell lines by a factor derived from human fibroblast-like cell lines. I. Demonstration by mixed culture and by use of cell washings. Wu KF, et al. **Int J Cancer** 1985 Apr 15; 35(4):477–82

Angiogenic factor in human ocular fluid [letter] Baird A, et al. **Lancet** 1985 Sep 7;2(8454):563

Radioimmunoassay for fibroblast growth factor (FGF): release by the bovine anterior pituitary in vitro. Baird A, et al. **Regul Pept** 1985 Apr;10(4):309–17

BIOSYNTHESIS

Glucocorticoids affect the synthesis of pulmonary fibroblast-pneumonocyte factor at a pretranslational level. Floros J, et al. **J Biol Chem** 1985 Feb 25;260(4):2265–7

Spontaneous production of fibroblast-activating factor(s) by synovial inflammatory cells. A potential mechanism for enhanced tissue destruction. Wahl SM, et al. **J Exp Med** 1985 Jan 1;161(1):210–22

ISOLATION & PURIFICATION

Fibroblast growth factor in the human placenta. Gospodarowicz D, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):554–62

Human brain fibroblast growth factor. Isolation and partial chemical characterization. Böhlen P, et al. **FEBS Lett** 1985 Jun 3;185(1):177–81

Isolation of pituitary fibroblast growth factor by fast protein liquid chromatography (FPLC): partial chemical and biological characterization. Gospodarowicz D, et al. **J Cell Physiol** 1985 Feb;122(2):323–32

Isolation of brain fibroblast growth factor by heparin-Sepharose affinity chromatography: identity with pituitary fibroblast growth factor. Gospodarowicz D, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6963–7

METABOLISM

Immunoreactive fibroblast growth factor (FGF) in rat tissues: molecular weight forms and the effects of hypophysectomy. Mormède P, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1108–13

Dihydrotestosterone inhibits fibroblast-pneumonocyte factor-mediated synthesis of saturated phosphatidylcholine by fetal rat lung cells. Torday JS. **Biochim Biophys Acta** 1985 Jun 14;835(1):23–8

Stimulation of wound healing, using brain extract with fibroblast growth factor (FGF) activity. III. Electron microscopy, autoradiography, and ultrastructural autoradiography of granulation tissue. Buntrock P, et al. **Exp Pathol** 1984;26(4):247–54

Heparin affinity of anionic and cationic capillary endothelial cell growth factors: analysis of hypothalamus-derived growth factors and fibroblast growth factors. Klagsbrun M, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):805–9

PHARMACODYNAMICS

Synergistic influence of polypeptide growth factors on cultured human muscle. Askanas V, et al. **Arch Neurol** 1985 Aug;42(8):749–52

Sulfated proteoglycan synthesis by confluent cultures of rabbit costal chondrocytes grown in the presence of fibroblast growth factor. Kato Y, et al. **J Cell Biol** 1985 Feb;100(2):477–85

Control by fibroblast growth factor of differentiation in the BC3H1 muscle cell line. Lathrop B, et al. **J Cell Biol** 1985 May;100(5):1540–7

Apparent desensitization of Swiss 3T3 cells to the mitogens FGF and vasopressin. Richmond KM, et al. **J Cell Physiol** 1984 Dec;121(3):547–57

The effect of fibroblast growth factor on PC12 cells. Togari A, et al. **J Neurosci** 1985 Feb;5(2):307–16

A nonmitogenic pituitary function of fibroblast growth factor: regulation of thyrotropin and prolactin secretion. Baird A, et al. **Proc Natl Acad Sci USA** 1985 Aug; 82(16):5545–9

Heparin-treated, v-myc-transformed chicken heart mesenchymal cells assume a normal morphology but are hypersensitive to epidermal growth factor (EGF) and brain fibroblast growth factor (bFGF); cells transformed by the v-Ha-ras oncogene are refractory to EGF and bFGF but are hypersensitive to insulin-like growth factors. Balk SD, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5781-5

PHYSIOLOGY

Alveolar type II cells isolated from fetal rat lung organotypic cultures synthesize and secrete surfactant-associated phospholipids and respond to fibroblast-pneumonocyte factor. Post M, et al. **Exp Lung Res** 1984;7(1):53-65

Structural diversity of the fibroblast-activating factors generated by human blood monocytes and U937 cells. Dohlman JG, et al. **J Immunol** 1985 May;134(5):3185-92

Cultured human alveolar macrophages from smokers with lung cancer: resolution of factors that stimulate fibroblast proliferation, production of collagenase, or prostaglandin E2. Dayer JM, et al. **J Leukocyte Biol** 1985 May; 37(5):641-9

Biological activity in vivo and in vitro of pituitary and brain fibroblast growth factor. Gospodarowicz D. **Symp Fundam Cancer Res** 1984;37:109-34 (147 ref.)

SECRETION

Characterization of 3H-uridine incorporation and messenger RNA synthesis in human monocytes activated to secrete alpha interferon or monocyte-derived fibroblast growth factor. Stevenson HC, et al. **J Leukocyte Biol** 1985 May; 37(5):585-95

URINE

Biochemical characterization and separation of low molecular weight urinary thymocyte and fibroblast proliferative activities. Kimball ES, et al. **Lymphokine Res** 1985 Summer;4(3):183-94

FIBROBLAST INTERMEDIATE FILAMENT PROTEINS see INTERMEDIATE FILAMENT PROTEINS

FIBROBLASTS

In vitro establishment of human fibroblasts of lysosomal diseases, GM1-gangliosidosis and Sandhoff disease, by transformation with origin-minus SV40 DNA. Momoi T, et al. **Biosci Rep** 1985 Mar;5(3):267-73

Bone marrow fibroblast colony-forming cells (CFU-F) in patients with aplastic anemia. Okamura S, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1249-56

Granulocytic and stromal progenitors in the bone marrow of patients with primary myelofibrosis. Hotta T, et al. **Scand J Haematol** 1985 Mar;34(3):251-5

ANALYSIS

Endogenous folate of normal fibroblasts using high-performance liquid chromatography and modified extraction procedure. Kashani SA, et al. **Anal Biochem** 1985 Apr;146(1):40-7

Changes in quantity of fibronectin from human skin fibroblasts with cellular aging. Oka H. **Ann Plast Surg** 1985 Mar;14(3):248-57

Cell surface glycosaminoglycans (GAGs) of cultured chick fibroblasts. Modifications in relation to the stage of embryo development. Berjonneau C, et al. **Exp Cell Res** 1985 Apr; 157(2):475-82

Fibroblast androgen receptors in patients with genitourinary anomalies. Eil C, et al. **J Androl** 1984 Sep-Oct;5(5):313-20

Chondroitin/dermatan sulfate proteoglycan in human fetal membranes. Demonstration of an antigenically similar proteoglycan in fibroblasts. Brennan MJ, et al. **J Biol Chem** 1984 Nov 25;259(22):13742-50

Differences in domain structure between human fibronectins isolated from plasma and from culture supernatants of normal and transformed fibroblasts. Studies with domain-specific antibodies. Sekiguchi K, et al. **J Biol Chem** 1985 Apr 25;260(8):5105-14

Cell type specific electrophoretic polypeptide profiles of cultured bovine cells. Lincoln DW 2d, et al. **J Cell Sci** 1984 Dec;72:135-45

Immunocytochemical localization of 140 kD cell adhesion molecules in cultured chicken fibroblasts, and in chicken smooth muscle and intestinal epithelial tissues. Chen WT, et al. **J Histochem Cytochem** 1985 Jun;33(6):576-86

Production and characterization of tumor-degenerating factor. Tanaka A, et al. **JNCI** 1985 Mar;74(3):575-81

Reduction of filamin in late passage human diploid fibroblasts (IMR-90). Kelley RO, et al. **Mech Ageing Dev** 1985 Apr; 30(1):79-98

Failure to confirm muscarinic receptors on skin fibroblasts [letter] **N Engl J Med** 1985 Mar 28;312(13):861-2

Interspersed repetitive and tandemly repetitive sequences are differentially represented in extrachromosomal covalently closed circular DNA of human diploid fibroblasts. Riabowol K, et al. **Nucleic Acids Res** 1985 Aug 12; 13(15):5563-84

CLASSIFICATION

Subset of fibroblasts defined by monoclonal antibody [letter] Bartal AH, et al. **Arch Pathol Lab Med** 1985 Mar; 109(3):212-3

Fibroblast subtypes in the periodontium. A possible role in connective tissue regeneration and periodontal reattachment. Bordin S, et al. **J Periodont Res** 1984 Nov; 19(6):642-4

CYTOLOGY

On the self-affinity of heparan sulfates from quiescent or proliferating normal 3T3 cells and from SV40-transformed cells. Fransson LA, et al. **Acta Chem Scand [B]** 1985; 39(3):163-70

Human bone marrow fibroblast proliferation and GM-CFC colony formation in patients with acute leukemia. Lieberman D, et al. **Acta Haematol (Basel)** 1984; 72(5):309-14

Preparation of individual human diploid fibroblasts and study of ion transport. Abraham EH, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C154-64

Ganglioside composition of substrate-adhesion sites of normal and virally-transformed Balb/c 3T3 cells. Mugnai G, et al. **Biochem Biophys Res Commun** 1984 Nov 30; 125(1):142-8

Mouse 3T3 cell filtrability correlating with concanavalin A agglutinability. Wang PY, et al. **Biochim Biophys Acta** 1984 Dec 20;802(3):467-76

Clonal attenuation in chick embryo fibroblasts. Experimental data, a model and computer simulations. Angello JC, et al. **Cell Tissue Kinet** 1985 Jan;18(1):27-43

A computer program for the simulation of colony-like proliferation of fibroblasts and their cell cycle behavior. Bullerdiek J, et al. **Comput Methods Programs Biomed** 1985 May;20(1):95-100

Evaluation of colony-forming ability experiments using normal and DNA repair-deficient human fibroblast strains and an automatic colony counter. Thielmann HW, et al. **Cytometry** 1985 Mar;6(2):130-6

Cell interaction with the extracellular matrices produced by endothelial cells and fibroblasts. Fridman R, et al. **Exp Cell Res** 1985 Jun;158(2):461-76

The heterogeneity of human fibroblasts as determined from the effects of hydrocortisone on cell growth and specific dexamethasone binding. Kondo H, et al. **Exp Cell Res** 1985 Jun;158(2):342-8

Formation of stress fibres and focal adhesion sites in monensin-exposed cultured human fibroblasts in response to exogenously added cellular fibronectin. Lehto VP, et al. **Exp Cell Res** 1985 Jun;158(2):563-9

Involvement of plasma membrane glycoproteins in the contact-dependent inhibition of growth of human fibroblasts. Wieser RJ, et al. **Exp Cell Res** 1985 Jun; 158(2):493-9

Location of the isoleucine arrest point in CHO and 3T3 cells. Wynford-Thomas D, et al. **Exp Cell Res** 1985 Jun; 158(2):525-32

Characterization of fibroblastic stromal cells from murine bone marrow. Piersma AH, et al. **Exp Hematol** 1985 May; 13(4):237-43

On the importance of deoxyribonucleotide pools in the senescence of cultured human diploid fibroblasts. Dick JE, et al. **FEBS Lett** 1985 Jan 1;179(1):21-4

Effect of donor age on clonal differentiation of human skin fibroblasts in vitro. Steinhardt M. **Gerontology** 1985; 31(1):27-38

Effects of hypophysectomy and subsequent growth hormone replacement in the rat on the ability of serum to stimulate proliferation of human and mouse (BALB/c 3T3) fibroblasts. Murphy LJ, et al. **Horm Metab Res** 1984 Dec; 16(12):631-7

Age-dependent metabolic changes in cultured human fibroblasts. Muggleton-Harris AL, et al. **In Vitro Cell Dev Biol** 1985 May;21(5):271-6

Pure gelatin microcarriers: synthesis and use in cell attachment and growth of fibroblast and endothelial cells. Wissemann KW, et al. **In Vitro Cell Dev Biol** 1985 Jul; 21(7):391-401

Further studies on the extrusion of cytosol macromolecules by cultured chick embryo fibroblast cells. McIntosh AA, et al. **Int J Biochem** 1985;17(2):147-53

Differential growth response of normal human diploid fibroblasts and in vitro transformed human fibroblasts in serum-free defined culture medium. Namba M, et al. **Int J Cancer** 1984 Nov 15;34(5):645-9

Host origin of in vitro bone marrow fibroblasts after marrow transplantation in man. Hollings PE, et al. **Int J Cell Cloning** 1984 Nov;2(6):348-55

Inhibition of fibronectin binding to platelets by proteolytic fragments and synthetic peptides which support fibroblast adhesion. Ginsberg M, et al. **J Biol Chem** 1985 Apr 10; 260(7):3931-6

Mechanism of formation of disulfide-bonded multimers of plasma fibronectin in cell layers of cultured human fibroblasts. McKeown-Longo PJ, et al. **J Biol Chem** 1984 Oct 10;259(19):12210-5

Substrate-dependent differences in growth and biological properties of fibroblasts and epithelial cells grown in microcarrier culture. Varani J, et al. **J Biol Stand** 1985 Jan;13(1):67-76

Distribution of the cell substratum attachment (CSAT) antigen on myogenic and fibroblastic cells in culture. Damsky CH, et al. **J Cell Biol** 1985 May;100(5):1528-39

Growth control variant cell line having increased serum requirement and decreased response to platelet-derived growth factor: reversion by 5-azacytidine. Straus DS, et al. **J Cell Biol** 1984 Nov;99(5):1838-47

Effect of endothelial cell conditioned medium on the growth of human bone marrow fibroblasts. Bianchi Scarrà G, et al. **J Cell Physiol** 1985 Jun;123(3):343-6

Relationship of finite proliferative lifespan, senescence, and quiescence in human cells. Stein GH, et al. **J Cell Physiol** 1985 Mar;122(3):343-9

Induction of endoreduplication in temperature-sensitive mutants of rat 3Y1 fibroblasts. Yamada K, et al. **J Cell Physiol** 1985 Feb;122(2):210-4

Application of a unique monoclonal antibody as a marker for nonproliferating subpopulations of cells of some tissue. Wang E, et al. **J Histochem Cytochem** 1985 Jun; 33(6):587-94

Increased proliferation of human synovial fibroblasts treated with recombinant immune interferon. Brinckerhoff CE, et al. **J Immunol** 1985 May;134(5):3142-6

Cell migration attachment and orientation in vitro are enhanced by partial demineralization of dentine and cementum and inhibited by bacterial endotoxin. Pitaru S, et al. **J Periodont Res** 1984 Nov;19(6):661-5

Cell surface and cytokinetic structures in cell shape determination of mouse fibroblasts. Events involved in cell rounding induced by removal of loosely bound macromolecular moieties from the cell surface. Wells V, et al. **J Submicrosc Cytol** 1985 Apr;17(2):161-70

Transport enzymes in the cell membranes of cultured fibroblasts; alterations in dystrophic cells. Mokrasch LC. **Life Sci** 1985 Sep 9;37(10):931-5

Characterization of nude mouse skin fibroblast cell lines transformed by combined action of SV40 and 3-methylcholanthrene. Laaksonen AM. **Med Biol** 1984; 62(6):331-7

Establishment and characterization of fibroblast-like cell lines derived from adipocytes with the capacity to redifferentiate into adipocyte-like cells. Négrel R, et al. **Methods Enzymol** 1985;109:377-85

Inhibition of protein degradation and of cellular autophagy in growing as compared to density inhibited fibroblasts. Pfeifer U, et al. **Prog Clin Biol Res** 1985;180:659-61

Establishment of a human diploid cell strain. Yanagisawa K, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 1;5(1):49-54

Locomotion and cell surface movements of fibroblasts in fibrillar collagen gels. Heath JP, et al. **Scan Electron Microsc** 1984;(Pt 4):2031-43

Myofibroblast-like cells in human anterior capsular cataract. Novotny GE, et al. **Virchows Arch [A]** 1984;404(4):393-401

On the formation of orientated protrusions in confrontation cultures of human diploid and tumor cells. Paweletz N. **Virchows Arch [Cell Pathol]** 1984;47(3):233-45

[Differential action of 7 beta-hydroxycholesterol on myocardial cells and fibroblasts. Obtaining primary cultures of pure myocardial cells] Mersel M, et al. **C R Acad Sci [III]** 1984;299(7):221-5 (Eng. Abstr.) **(Fre)**

[In vitro biocompatibility: increase in the capacity for adhesion in fibroblasts by materials pretreated with fibronectin] Cannas M, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1913-7 (Eng. Abstr.) **(Ita)**

[Scanning electron microscopic observations and analysis of growth kinetics of the fibroblasts in vitro—comparison between normal skin and abnormal scars] Oku T, et al. **Nippon Hifuka Gakkai Zasshi** 1984 May;94(6):657-64 **(Jpn)**

[Control of cell multiplication in vitro. IV. Isolation and characteristics of C3H10T1/2-line cells with decreased dependence for multiplication on blood serum] Tarunina MV, et al. **Tsitologiia** 1985 Apr;27(4):458-66 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Increased ouabain sensitivity of cultured human fibroblasts from muscular dystrophy. Ledbetter ML. **Am J Physiol** 1984 Nov;247(5 Pt 1):C415-23

Differential effects of human interleukin-1 on growth of human fibroblasts and vascular smooth muscle cells. Libby P, et al. **Arteriosclerosis** 1985 Mar-Apr;5(2):186-91

Effects of LTB4 and Ca++ ionophore A23187 on the release by human alveolar macrophages of factors controlling fibroblast functions. Polla B, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):560-7

Serum, bradykinin and vasopressin stimulate release of inositol phosphates from human fibroblasts. Vicentini LM, et al. **Biochem Biophys Res Commun** 1984 Sep 17; 123(2):663-70

Immunocytochemical localization of beta-hexosaminidase and electron-microscopic characterization of human fibroblasts following treatment with monensin and nigericin. Vladutiu GD. **Biosci Rep** 1984 Dec;4(12):1079-88

Changes in ultrastructure and function of hypoxic V79 fibroblast cells after treatment with misonidazole. Jacobson EA, et al. **Cancer** 1985 Feb 15;55(4):751-9

Defective repair of a class of 4NQO-induced alkali-labile DNA lesions in xeroderma pigmentosum complementation group A fibroblasts. Mirzayans R, et al. **Carcinogenesis** 1985 Apr;6(4):555-9

Ca2+-dependent contraction of human lung fibroblasts treated with Triton X-100: a role of Ca2+-calmodulin-dependent phosphorylation of myosin 20,000-dalton light chain. Masuda H, et al. **Cell Motil** 1984; 4(5):315-31

Influence of Concanavalin A on 3-O-methylglucose uptake in cultured chick embryo fibroblasts. Evidence for differences related to the age of embryos. Berjonneau C, et al. **Differentiation** 1984;27(3):192-5

The steatotic and cytotoxic effects of cholesterol oxides in cultured L cells. Higley NA, et al. **Food Chem Toxicol**

1984 Dec;22(12):983-92
Effects of fructose on human fibroblast metabolism: the application of DNA measurements as a basis for interpretation. Eanes RZ. **In Vitro Cell Dev Biol** 1985 Jun; 21(6):328-32
Growth inhibition of fibroblasts by progesterone and medroxyprogesterone in vitro. Comini Andrada E, et al. **Int Arch Allergy Appl Immunol** 1985;76(2):97-100
Interaction of epidermal growth factor with initiators and complete carcinogens in the C3H10T1/2 cell culture system. Herschman HR, et al. **J Cell Biochem** 1985; 28(1):1-6
Rat lung fibroblast collagen metabolism in bleomycin-induced pulmonary fibrosis. Phan SH, et al. **J Clin Invest** 1985 Jul;76(1):241-7
A comparison of the antibacterial and cytotoxic effects of parachlorophenol. Messer HH, et al. **J Dent Res** 1985 May; 64(5):818-21
Gamma interferon is the lymphokine and beta interferon the monokine responsible for inhibition of fibroblast collagen production and late but not early fibroblast proliferation. Duncan MR, et al. **J Exp Med** 1985 Aug 1;162(2):516-27
Effects of L-glutamate on viabilities of cultured diploid skin fibroblasts and lymphocytes. Increased toxicity not observed in Huntington's disease. Stahl WL, et al. **J Neurol Sci** 1984 Nov-Dec;66(2-3):183-91
Effect of lead on fibroblasts taken from an 84-year-old donor. Bemiller PM, et al. **Mech Ageing Dev** 1985 May 13;30(2):169-77
Partial characterization of thymocyte-activating factor derived from MDP-stimulated guinea pig fibroblasts. Iribe H, et al. **Microbiol Immunol** 1984;28(10):1125-36
Altered beta-actin gene expression in phorbol myristate acetate-treated chondrocytes and fibroblasts. Gerstenfeld LC, et al. **Mol Cell Biol** 1985 Jun;5(6):1425-33
Products of activated lymphocytes stimulate Schwann cell mitosis in vitro. Lisak RP, et al. **Neurosci Lett** 1985 Jun 12;57(2):105-11
Epidermal growth factor or serum stimulation of rat fibroblasts induces an elevation in mRNA levels for lactate dehydrogenase and other glycolytic enzymes. Matrisian LM, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):711-26
In vitro evaluation of cellular inhibitory potential of various antineoplastic drugs and dexamethasone. Fiscella R, et al. **Ophthalmic Surg** 1985 Apr;16(4):247-9
Cellular and bacterial toxicities of topical antimicrobials. Lineaweaver W, et al. **Plast Reconstr Surg** 1985 Mar; 75(3):394-6
Three different classes of oral antidiabetic drugs do not increase insulin binding and insulin-induced RNA synthesis in human fibroblast cultures. Frorath B, et al. **Res Exp Med (Berl)** 1985;185(1):45-9
pH and the effect of NH4Cl on human gingival fibroblasts. Helgeland K. **Scand J Dent Res** 1985 Feb;93(1):39-45
Trivalent chromium is neither cytotoxic nor mutagenic in permeabilized hamster fibroblasts. Bianchi V, et al. **Toxicol Lett** 1984 Oct;23(1):51-9
Cytotoxic action of rat alveolar macrophages for ozone-exposed lung fibroblasts. Morgan DL, et al. **Toxicol Lett** 1985 Jul;26(1):37-42
Cytologic observations on the effects of metallocene dichlorides on human fibroblasts cultivated in vitro. Köpf-Maier P, et al. **Virchows Arch [Cell Pathol]** 1984; 47(2):107-22
[Partial characterization of a human lymphokine that stimulates collagen production by fibroblasts] Miyamura M, et al. **Arerugi** 1985 Apr;34(4):263-70 (Eng. Abstr.) **(Jpn)**
[Radioprotective action of catecholamines on a Chinese hamster fibroblast culture] Chirkov IuIu, et al. **Biol Nauki** 1985;(5):38-41 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

A coupled fluorometric rate assay for pyruvate dehydrogenase in cultured human fibroblasts. Solomon M, et al. **Anal Biochem** 1984 Sep;141(2):337-43
The effects of glucose and insulin on beta-hexosaminidase in cultured fibroblasts from diabetic and non-diabetic subjects. Hultberg B, et al. **Ann Clin Biochem** 1985 Mar; 22 (Pt 2):133-6
DNA polymerase activity in a repair-deficient human cell line. Joe CO, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):754-9
Biochemical characterization of arylsulfatase-C isozymes in [illegible]man fibroblasts. Simard JP, et al. **[illegible]chem Biophys Res Commun** 1985 May 16;128(3):1388-94
[illegible]ntification of enzymatic activities which process protein bound mono(ADP-ribose). Smith KP, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):136-42
Cellular location of N-acetyltransfer activities toward glucosamine and glucosamine-6-phosphate in cultured human skin fibroblasts. Hopwood JJ, et al. **Biochem Int** 1983 Jun;6(6):823-30
Fluorometric assay of acyl-CoA dehydrogenases in normal and mutant human fibroblasts. Frerman FE, et al. **Biochem Med** 1985 Feb;33(1):38-44
A microtechnique for quantitative measurements of acid hydrolases in fibroblasts. Its application in diagnosis of Fabry disease and enzyme replacement studies. Hasholt L, et al. **Clin Chim Acta** 1984 Sep 29;142(2):257-61
Activation of branched-chain alpha-ketoacid dehydrogenase complex by alpha-chloroisocaproate in normal and enzyme-deficient fibroblasts. Toshima K, et al. **Clin Chim Acta** 1985 Apr 15;147(2):103-8
Debranching enzyme in fibroblasts, amniotic fluid cells and chorionic villi: pre- and postnatal diagnosis of glycogenosis type III. van Diggelen OP, et al. **Clin Chim Acta** 1985 Jul 15;149(2-3):129-34
Human skin fibroblast collagenase: interaction with substrate and inhibitor. Welgus HG, et al. **Coll Relat Res** 1985 Mar; 5(2):167-79
Serum, like phorbol esters, rapidly activates protein kinase C in intact quiescent fibroblasts. Rodriguez-Pena A, et al. **EMBO J** 1985 Jan;4(1):71-6
Characterization of human glucosylsphingosine glucosyl hydrolase and comparison with glucosylceramidase. Vaccaro AM, et al. **Eur J Biochem** 1985 Jan 15; 146(2):315-21
Platelet-activating factor stimulates phospholipase in quiescent Swiss mouse 3T3 fibroblast. Kawaguchi H, et al. **FEBS Lett** 1984 Oct 15;176(1):93-6
A chick embryo fibroblast protein kinase recognizing ribosomal protein S6. Activity increase after serum stimulation. Lawen A, et al. **FEBS Lett** 1985 Jun 17; 185(2):272-6
Inhibition of carcinogen-induced cellular transformation of human fibroblasts by drugs that interact with the poly(ADP-ribose) polymerase system. Initial evidence for the development of transformation resistance. Milo GE, et al. **FEBS Lett** 1985 Jan 7;179(2):332-6
Reversible change in the fibroblast lysosomal enzyme dipeptidyl aminopeptidase-1 (cathepsin C) related to the commercial source of fetal bovine serum in the culture medium. Doughty MJ, et al. **In Vitro Cell Dev Biol** 1985 Jun;21(6):340-6
Induction of collagenase secretion in human fibroblast cultures by growth promoting factors. Chua CC, et al. **J Biol Chem** 1985 May 10;260(9):5213-6
Comparative enzymology of ultraviolet-induced DNA repair synthesis and semiconservative DNA replication in permeable diploid human fibroblasts. Dresler SL. **J Biol Chem** 1984 Nov 25;259(22):13947-52
Stimulation of collagenase synthesis by a 20,000-dalton epithelial cytokine. Evidence for pretranslational regulation. Johnson-Wint B, et al. **J Biol Chem** 1985 Feb 25;260(4):2080-5
Isolation of human fibroblast catalase cDNA clones. Sequence of clones derived from spliced and unspliced mRNA. Korneluk RG, et al. **J Biol Chem** 1984 Nov 25; 259(22):13819-23
Matrix influence on the tumor cell stimulation of fibroblast collagenase production. Biswas C. **J Cell Biochem** 1985; 28(1):39-45
Vitamin D-dependent rickets type II. Defective induction of 25-hydroxyvitamin D3-24-hydroxylase by 1,25-dihydroxyvitamin D3 in cultured skin fibroblasts. Gamblin GT, et al. **J Clin Invest** 1985 Mar;75(3):954-60
beta-Mannosidase in human leukocytes and fibroblasts. Panday RS, et al. **J Inherited Metab Dis** 1984;7(4):155-6
Alteration of enzymes in ageing human fibroblasts in culture. III. Modification of superoxide dismutase as an environmental and reversible process. Somville M, et al. **Mech Ageing Dev** 1985 Jan;29(1):35-51
Immunoreactive levels of myosin light-chain kinase in normal and virus-transformed chicken embryo fibroblasts. Van Eldik LJ, et al. **Mol Cell Biol** 1984 Oct;4(10):2224-6
Inherited lactic acidosis: correction of the defect in cultured fibroblasts. Goodyer PR, et al. **Pediatr Res** 1984 Nov; 18(11):1144-8
Incorporation of [14C]glucose into alpha-1,4 bonds of glycogen by leukocytes and fibroblasts of patients with type III glycogen storage disease. Gutman A, et al. **Pediatr Res** 1985 Jan;19(1):28-32
Studies on the activation of sphingomyelinase activity in Niemann-Pick type A, B, and C fibroblasts: enzymological differentiation of types A and B. Poulos A, et al. **Pediatr Res** 1984 Nov;18(11):1088-93
Comparative enzymology of eleven acid hydrolases in cultured amniotic fluid cells, skin fibroblasts and embryonic lung fibroblasts, and the respective changes with the increasing age of the cell cultures. Minami R, et al. **Tohoku J Exp Med** 1985 Apr;145(4):437-45
[Collagen resorption by macrophages and fibroblasts in liver cirrhosis] Ryvniak VV. **Biull Eksp Biol Med** 1985 Jul; 100(7):106-8 (Eng. Abstr.) **(Rus)**
[5-alpha steroid reductase and 17-beta steroid oxidoreductase activity in human fibroblasts. Comparison between cells of normal individuals and patients with different types of male pseudohermaphroditism] Bassol S, et al. **Rev Invest Clin** 1984 Jul-Sep;36(3):231-5 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

CFU-F from dog marrow: a colony assay and its significance. Klinnert V, et al. **Blut** 1985 Feb;50(2):81-7
Leukemia X fibroblast hybrid cells prolong the lives of leukemic mice. Wang DR, et al. **Eur J Cancer Clin Oncol** 1985 May;21(5):637-43
Interferon enhances the susceptibility of virus-infected fibroblasts to cytotoxic T cells. Bukowski JF, et al. **J Exp Med** 1985 Jan 1;161(1):257-62
Cell to cell transmission of the 'priming' effect on the induction of human fibroblast interferon. Chen L. **J Interferon Res** 1985 Winter;5(1):111-9
Human fibroblasts as a substrate for titration of ANA [letter] Kallenberg CG, et al. **Scand J Rheumatol** 1985;14(1):95-6
[Immunological and morphological properties of fibroblasts transformed in vitro. II. The change in the susceptibility of FC3H3 cells to lymphocytes—natural killers and macrophages during their selection for malignancy] Lavrovskil VA, et al. **Tsitologiia** 1984 Oct;26(10):1181-5 (Eng. Abstr.) **(Rus)**

METABOLISM

Intracellular pH in human fibroblasts: effect of mitogens, A23187, and phospholipase activation. Muldoon LL, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C140-8
On the mechanism of action of free purine bases on DNA synthesis in serum-starved L-cells treated with platelet extract. Flodgaard H, et al. **Arch Biochem Biophys** 1985 Jun;239(2):359-63
Regulation of insulin binding and stimulation of sugar transport in cultured human fibroblasts by sugar levels in the culture medium. Germinario RJ, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):559-66
On the mechanism of glycolysis stimulation by neutral detergents in 3T3 and Ehrlich ascites tumor cells. Racker E, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):836-42
Collagen synthesis in scleroderma: selection of fibroblast populations during subcultures. Krieg T, et al. **Arch Dermatol Res** 1985;277(5):373-6
Distinction of viral and host-derived glycopolypeptides induced by 'early' functions of human cytomegalovirus. Radsak K, et al. **Arch Virol** 1985;85(3-4):217-30
Retro-endocytosis of low density lipoprotein by cultured human skin fibroblasts. Aulinskas TH, et al. **Arteriosclerosis** 1985 Jan-Feb;5(1):45-54
Selective inhibition of excessive scleroderma fibroblast collagen production by lymphokines from normal human mononuclear cells. Jimenez SA, et al. **Arthritis Rheum** 1985 May;28(5):502-10
Substrain heterogeneity in prostaglandin E2 synthesis of human dermal fibroblasts. Differences in prostaglandin E2 synthetic capacity of substrains are not stimulus-restricted. Korn JH. **Arthritis Rheum** 1985 Mar;28(3):315-22
Soluble mediators from mononuclear cells increase the synthesis of glycosaminoglycan by dermal fibroblast cultures derived from normal subjects and progressive systemic sclerosis patients. Whiteside TL, et al. **Arthritis Rheum** 1985 Feb;28(2):188-97
Effects of nucleotide pool imbalances on the excision repair of ultraviolet-induced damage in the DNA of human diploid fibroblasts. Snyder RD. **Basic Life Sci** 1985; 31:163-73
The expression of ceruloplasmin, an angiogenic glycoprotein, by mouse embryonic fibroblasts. Chu FF, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):15-24
'Abnormality of 2-deoxyglucose uptake kinetics in fibroblasts at low concentrations. Cynober L, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):535-42
Control of sugar transport in human fibroblasts independent of glucose metabolism or carrier-substrate interaction. Germinario RJ, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1418-24
The effect of inhibitors of insulin processing on generation of insulin intermediate products from human fibroblast as detected by high performance liquid chromatography (HPLC). Kitabchi AE, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):163-70
Ca2+-dependent stimulation of 3-O-methylglucose transport in mouse fibroblast Swiss 3T3 cells induced by phorbol-12,13-dibutyrate. Kitagawa K, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):127-33
Hormone-dependent phosphorylation of the 1,25-dihydroxyvitamin D3 receptor in mouse fibroblasts. Pike JW, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):378-85
Degradation of erythrocyte-microinjected and scrape-loaded homologous cytosolic proteins by 3T3-L1 cells. Doherty FJ, et al. **Biochem J** 1985 Mar 15; 226(3):685-95
Evidence that cycloleucine affects the high-affinity systems of amino acid uptake in cultured human fibroblasts. Feneant M, et al. **Biochem J** 1984 Nov 15;224(1):309-15
Both acidic-type and neutral-type asparaginyl-oligosaccharides of host-cell glycoproteins are altered in Rous-sarcoma-virus-transformed chick-embryo fibroblasts. Hunt LA, et al. **Biochem J** 1985 Jul 15; 229(2):441-51
Physicochemical transfer of [3H]cholesterol from plasma lipoproteins to cultured human fibroblasts. Lundberg BB, et al. **Biochem J** 1985 May 15;228(1):219-25
The role of polyamine depletion and accumulation of decarboxylated S-adenosylmethionine in the inhibition of growth of SV-3T3 cells treated with alpha-difluoromethylornithine. Pegg AE. **Biochem J** 1984 Nov 15;224(1):29-38
Uptake and esterification of exogenous cholesterol by low-density-lipoprotein-receptor-negative human fibroblasts in culture. Slotte JP, et al. **Biochem J** 1984 Sep 15;222(3):821-4
High-affinity incorporation of 20-carbon polyunsaturated fatty acids by human skin fibroblasts. Banerjee N, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):533-41
Partial characterization of the macrophage factor that stimulates fibroblasts to produce collagenase and to degrade

collagen. Huybrechts-Godin G, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):51–4

Adaptive cellular response to hyperthermia: 31P–NMR studies. Knop RH, et al. **Biochim Biophys Acta** 1985 May 30;845(2):171–7

Galactosylceramide– and lactosylceramide–loading studies in cultured fibroblasts from normal individuals and patients with globoid cell leukodystrophy (Krabbe's disease) and GM1–gangliosidosis. Kobayashi T, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):456–64

Effect of insulin on the activity of amino acid transport systems in cultured human fibroblasts. Longo N, et al. **Biochim Biophys Acta** 1985 Feb 21;844(2):216–23

Modulation of collagen production in cultured fibroblasts by a low–frequency, pulsed magnetic field. Murray JC, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):98–105

3T3 fibroblasts release a low–molecular–weight inhibitory peptide of lymphocyte DNA synthesis into serum–free culture medium. Okai Y. **Biochim Biophys Acta** 1984 Nov 28;802(2):287–91

Coupling of a loop diuretic–sensitive Na+ influx with the net loop diuretic–sensitive K+ efflux in mouse NIH 3T3 cells. Panet R, et al. **Biochim Biophys Acta** 1985 Jun 27; 816(2):278–82

Serum–induced net K+ influx performed by the diuretic–sensitive transport system in quiescent NIH 3T3 mouse fibroblasts. Panet R. **Biochim Biophys Acta** 1985 Feb 28;813(1):141–4

Accumulation of N–acetylneuraminic acid (sialic acid) in human fibroblasts cultured in the presence of N–acetylmannosamine. Thomas GH, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):37–43

Inhibition of 3–hydroxy–3–methylglutaryl coenzyme A reductase activity and sterol synthesis by cholesterol sulfate in cultured fibroblasts. Williams ML, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):349–57

Lithium incorporation in the fibroblasts of manic–depressives. Breslow RE, et al. **Biol Psychiatry** 1985 Jan;20(1):58–65

Comparison of cyclic AMP accumulation and morphological changes induced by beta–adrenergic stimulation of cultured vascular smooth muscle cells and fibroblasts. Nabika T, et al. **Blood Vessels** 1985;22(1):47–56

Stellate fibrin–fibronectin microclot formation from keratinocytes and fibroblasts stimulated by plasma from patients with psoriasis. Juhlin L, et al. **Br J Dermatol** 1985 Mar;112(3):271–6

Fibroblasts from patients with myotonic muscular dystrophy: cholesterol requirement for proliferation and sensitivity to polyene antibiotics. Ohno K, et al. **Brain Dev** 1984; 6(6):566–70

Pulsed electromagnetic fields promote collagen production in bone marrow fibroblasts via athermal mechanisms. Farndale RW, et al. **Calcif Tissue Int** 1985 Mar;37(2):178–82

Effects of 12–O–tetradecanoylphorbol–13–acetate and retinoids on intercellular junctional communication measured with a citrulline incorporation assay. Davidson JS, et al. **Carcinogenesis** 1985 Apr;6(4):645–50

Studies on the tumour promoter–induced release of fibronectin from human lung fibroblasts, and its counteraction by retinoic acid. Zerlauth G, et al. **Carcinogenesis** 1985 Apr;6(4):531–4

Protein phosphorylation at tyrosine is induced by the v–erbB gene product in vivo and in vitro. Gilmore T, et al. **Cell** 1985 Mar;40(3):609–18

Glucose inhibits cellular ascorbic acid uptake by fibroblasts in vitro. Padh H, et al. **Cell Biol Int Rep** 1985 Jun;9(6):531–8

Differences in the response of non–dividing human diploid fibroblasts (HDF) to inducers of DNA synthesis generated by cycling HDF and HeLa cells. Rao MV. **Cell Biol Int Rep** 1985 May;9(5):419–27

Pyruvate and lactate production by cultured Sertoli cells, fibroblasts and muscle satellite cells, and the effect of hormonal and dcAMP stimulation. Vivarelli E, et al. **Cell Biol Int Rep** 1984 Sep;8(9):739–46

Effect of enzyme treatment of nutrient uptake by chick embryo fibroblasts. Guermeur C, et al. **Cell Mol Biol** 1984; 30(6):529–35

Extracellular glycosaminoglycans (GAG) released by chick embryonic fibroblasts. A possible involvement of surface receptors. Evangelisti R, et al. **Cell Tissue Res** 1984; 238(2):241–5

Metabolism of low–density lipoprotein from patients with diabetic hypertriglyceridemia by cultured human skin fibroblasts. Hiramatsu K, et al. **Diabetes** 1985 Jan;34(1):8–14

The mouse fibroblast growth hormone receptor: ligand processing and receptor modulation and turnover. Murphy LJ, et al. **Endocrinology** 1984 Oct;115(4):1625–32

Characterization of insulin–degrading activity of intact and subcellular components of human fibroblasts. Stentz FB, et al. **Endocrinology** 1985 Mar;116(3):926–34

Binding and uptake of rabbit IgG complexes by diploid fibroblasts via plasma membrane Fc receptors. Frey J, et al. **Eur J Immunol** 1984 Dec;14(12):1115–8

Analysis of the expression of the 4F2 surface antigen in normal and neoplastic fibroblastic human cells of embryonic and adult origin. Azzarone B, et al. **Exp Cell Res** 1985 Aug;159(2):451–62

Continuous perfusion of mammalian cells embedded in agarose gel threads. Foxall DL, et al. **Exp Cell Res** 1984 Oct;154(2):521–9

Effects of platelet–derived growth factor on Ca2+ in 3T3 cells. Frantz CN. **Exp Cell Res** 1985 Jun;158(2):287–300

Redox status of cultured fibroblasts. Possible relations with specific catabolic rates of proteoglycans. Kittlick PD, et al. **Exp Pathol** 1985;27(1):41–8

Serum–induced stimulation of snRNA synthesis in mouse 3T3 fibroblasts. Tiercy JM, et al. **Experientia** 1985 Jan 15; 41(1):82–4

Size and domain structure of collagen VI produced by cultured fibroblasts. Aumailley M, et al. **FEBS Lett** 1985 Mar 25;182(2):499–502

Effects of the calcium ionophore A 23187 on low–density lipoprotein processing and lipid metabolism in cultured human fibroblasts. Mazière JC, et al. **FEBS Lett** 1984 Nov 5;177(1):76–80

Mononuclear cell supernatants inhibit prolyl hydroxylation. Narayanan AS, et al. **FEBS Lett** 1985 Jan 7;179(2):229–32

Degradation of peptides and proteins of different sizes by homogenates of human MRC5 lung fibroblasts. Aged cells have a decreased ability to degrade shortened proteins. Wharton SA, et al. **FEBS Lett** 1985 May 20;184(2):249–53

Proteoglycans from cultures of fibroblast from the human uterine cervix. Uldbjerg N, et al. **Gynecol Obstet Invest** 1985;19(3):146–54

Acetaldehyde stimulates collagen and noncollagen protein production by human fibroblasts. Holt K, et al. **Hepatology** 1984 Sep–Oct;4(5):843–8

Studies on migration inhibitory factors of non–lymphoid origin. Aul C, et al. **Immunobiology** 1984 Dec;167(5):437–51

Comparative use of fructose and glucose in human liver and fibroblastic cell cultures. Delhotal B, et al. **In Vitro** 1984 Sep;20(9):699–706

The effects of proteins secreted by fibroblasts from patients with cystic fibrosis on hamster tracheal explants. Wooten MW, et al. **In Vitro Cell Dev Biol** 1985 Apr;21(4):207–15

Patterns of fibronectin deposition in normal and neoplastic fibroblasts and mammary tissue. Friedman R, et al. **Int J Tissue React** 1984;6(4):291–301

Monoenoic fatty acid requirement in V79 cells. Urade R, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):391–8

The interaction of plasma fibronectin with fibroblastic cells in suspension. Akiyama SK, et al. **J Biol Chem** 1985 Apr 10;260(7):4492–500

Phosphorylation of the erbB gene product from an avian erythroblastosis virus–transformed chick fibroblast cell line. Decker SJ. **J Biol Chem** 1985 Feb 25;260(4):2003–6

Glucocorticoids affect the synthesis of pulmonary fibroblast–pneumonocyte factor at a pretranslational level. Floros J, et al. **J Biol Chem** 1985 Feb 25;260(4):2265–7

Biosynthesis of proteodermatan sulfate in cultured human fibroblasts. Glössl J, et al. **J Biol Chem** 1984 Nov 25; 259(22):14144–50

The ATP dependence of the degradation of short– and long–lived proteins in growing fibroblasts. Gronostajski RM, et al. **J Biol Chem** 1985 Mar 25;260(6):3344–9

Inosine analogs. Their metabolism in mouse L cells and in Leishmania donovani. LaFon SW, et al. **J Biol Chem** 1985 Aug 15;260(17):9660–5

Relations between synthesis of deoxyribonucleotides and DNA replication in 3T6 fibroblasts. Nicander B, et al. **J Biol Chem** 1985 May 10;260(9):5376–81

Na/K/Cl cotransport in cultured human fibroblasts. Owen NE, et al. **J Biol Chem** 1985 Feb 10;260(3):1445–51

Phosphorylation, transbilayer movement, and facilitated intracellular transport of diacylglycerol are involved in the uptake of a fluorescent analog of phosphatidic acid by cultured fibroblasts. Pagano RE, et al. **J Biol Chem** 1985 Feb 10;260(3):1909–16

The fate of glucosylceramide (glucocerebroside) in genetically impaired (lysosomal beta–glucosidase deficient) Gaucher disease diploid human fibroblasts. Saito M, et al. **J Biol Chem** 1985 Feb 25;260(4):2295–300

c–Ha–ras–1 proto–oncogene amplification and overexpression during the limited replicative life span of normal human fibroblasts. Srivastava A, et al. **J Biol Chem** 1985 May 25;260(10):6404–9

beta–Interferon alters the pattern of proteins secreted from quiescent and platelet–derived growth factor–treated BALB/c–3T3 cells. Tominaga S, et al. **J Biol Chem** 1985 Feb 25;260(4):1975–8

Inositol 1,4,5–trisphosphate stimulates phosphorylation of a 62,000–dalton protein in monkey fibroblast and bovine brain cell lysates. Whitman MR, et al. **J Biol Chem** 1984 Nov 25;259(22):13652–5

Increased turnover of surface insulin receptors in fibroblastic cultures from genetically diabetic (DB/DB) mice. Kadle R, et al. **J Cell Biochem** 1985;28(1):59–67

Development of cell surface linkage complexes in cultured fibroblasts. Chen WT, et al. **J Cell Biol** 1985 Apr; 100(4):1103–14

Tropomyosin isoforms in chicken embryo fibroblasts: purification, characterization, and changes in Rous sarcoma virus–transformed cells. Lin JJ, et al. **J Cell Biol** 1985 Mar; 100(3):692–703

Synthesis of cytoskeletal and contractile proteins by cultured IMR–90 fibroblasts. Low RB, et al. **J Cell Biol** 1985 Aug; 101(2):500–5

A transient rise in cytosolic calcium follows stimulation of quiescent cells with growth factors and is inhibitable with phorbol myristate acetate. McNeil PL, et al. **J Cell Biol** 1985 Aug;101(2):372–9

Cellular uptake and intracellular localization of benzo(a)pyrene by digital fluorescence imaging microscopy. Plant AL, et al. **J Cell Biol** 1985 Apr; 100(4):1295–308

Relationship of heparan sulfate proteoglycans to the cytoskeleton and extracellular matrix of cultured fibroblasts. Woods A, et al. **J Cell Biol** 1984 Nov; 99(5):1743–53

Desensitization of the serum effect on Na+ influx in cultured human fibroblasts. Villereal ML, et al. **J Cell Physiol** 1984 Oct;121(1):226–34

Glucocorticoid–stimulated biosynthesis of low density lipoprotein receptor in cultured fibroblasts. Filipovic I, et al. **J Clin Chem Clin Biochem** 1985 Jun;23(6):331–6

Androgen receptor in cultured human testicular fibroblasts. Brown TR, et al. **J Clin Endocrinol Metab** 1985 Jul; 61(1):134–41

Bovine milk lipoprotein lipase transfers tocopherol to human fibroblasts during triglyceride hydrolysis in vitro. Traber MG, et al. **J Clin Invest** 1985 May;75(5):1729–34

Mechanism of enhanced fibroblast arachidonic acid metabolism by mononuclear cell factor. Whiteley PJ, et al. **J Clin Invest** 1984 Dec;74(6):2249–53

Effect of eugenol on respiration and division in human pulp, mouse fibroblasts, and liver cells in vitro. Hume WR. **J Dent Res** 1984 Nov;63(11):1262–5

Human gingival fibroblast production of interferon. Rose GG, et al. **J Dent Res** 1984 Dec;63(12):1369–75

Ultrastructural and biochemical study of frog virus 3 uptake by BHK–21 cells. Braunwald J, et al. **J Gen Virol** 1985 Feb;66 (Pt 2):283–93

Herpes simplex virus type 1 infection of endothelial, epithelial, and fibroblast cells induces a receptor for C3b. Smiley ML, et al. **J Immunol** 1985 Apr;134(4):2673–8

Disturbed very long chain (C24–C26) fatty acid pattern in fibroblasts of patients with Zellweger's syndrome. Govaerts L, et al. **J Inherited Metab Dis** 1985;8(1):5–8

A comparison of glycosaminoglycan synthesis by human fibroblasts from normal skin, normal scar, and hypertrophic scar. Savage K, et al. **J Invest Dermatol** 1985 Jun; 84(6):521–6

Human tumor cells in culture stimulate glycosaminoglycan synthesis by human skin fibroblasts. Merrilees MJ, et al. **Lab Invest** 1985 Jul;53(1):30–6

Histone acetylation and deacetylation in senescent human diploid fibroblasts. Duncan MR, et al. **Mech Ageing Dev** 1984 Oct 15;27(2):173–82

Fibronectin distribution on the surfaces of young and old human fibroblasts. Edick GF, et al. **Mech Ageing Dev** 1984 Oct 15;27(2):249–56

Altered degradation of intracellular proteins in aging human fibroblasts. Okada AA, et al. **Mech Ageing Dev** 1984 Aug; 26(2–3):341–56

Glutathione content of cultured human fibroblasts during in vitro ageing. Poot M, et al. **Mech Ageing Dev** 1984 Oct 31;27(3):315–21

Inhibition of the formation of lipid–linked intermediates in normal and transformed cells by a purified tunicamycin homologue. Eren R, et al. **Mol Cell Biochem** 1985 May; 67(1):39–46

Excision repair in permeable arrested human skin fibroblasts damaged by UV (254 nm) radiation: evidence that alpha– and beta–polymerases act sequentially at the repolymerisation step. Keyse SM, et al. **Mutat Res** 1985 Jul;146(1):109–19

Rapid rejoining of X–ray–induced DNA single–strand breaks in tuberous sclerosis fibroblasts. Yoshida Y, et al. **Mutat Res** 1985 Sep;146(2):211–8

A common sequence of calcium and pH signals in the mitogenic stimulation of eukaryotic cells. Hesketh TR, et al. **Nature** 1985 Feb 7–13;313(6002):481–4

The characteristics of DNA methylation in an in vitro DNA synthesizing system from mouse fibroblasts. Grafstrom RH, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2827–42

Metabolic activation of the nucleoside analog 9–[(2–hydroxy–1–(hydroxymethyl)ethoxy]methyl)guanine in human diploid fibroblasts infected with human cytomegalovirus. Biron KK, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2473–7

Mutations in the phosphoglucose isomerase gene can lead to marked alterations in cellular ATP levels in cultured fibroblasts exposed to simple nutrient shifts. Plesner P, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2761–3

Regulation of protein degradation in fibroblasts. Anastasi A, et al. **Prog Clin Biol Res** 1985;180:655–7

Correlation between cellular survival and potassium loss in mouse fibroblasts after hyperthermia alone and after a combined treatment with X rays. Ruifrok AC, et al. **Radiat Res** 1985 Feb;101(2):326–31

Cell–released substances interfere with low density lipoprotein receptor determination in fibroblasts. Leren TP, et al. **Scand J Clin Lab Invest** 1985 Jun;45(4):379–85

Effect of high–density lipoproteins on cholesterol efflux and esterification in lipid–enriched human skin fibroblasts. Evensen SA, et al. **Scand J Gastroenterol [Suppl]** 1985; 107:61–6

Fibroblast activation in scleroderma. Vuorio TK, et al. **Scand J Rheumatol** 1984;13(3):229–37

Regulation of Na+/H+ exchange in cultured human fibroblasts. Villereal ML, et al. **Soc Gen Physiol Ser** 1985; 39:21–42 (45 ref.)

Regulation by bradykinin of its receptor and of receptor–mediated prostacyclin formation in cultured human fibroblasts. Roscher AA, et al. **Trans Assoc Am Physicians** 1983;96:175–81

[Effect of Centella asiatica on the biosynthetic activity of fibroblasts in culture] Del Vecchio A, et al. **Farmaco [Prat]** 1984 Oct;39(10):355-64 (Eng. Abstr.) **(Ita)**

[Plasminogen activator inhibitor activity of cultured normal human fibroblasts] Ueda M, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Dec;94(14):1609-14 **(Jpn)**

[Dependence of the entry of NIH 3T3 cells into a period of DNA synthesis on the duration of their preliminary resting state] Setkov NA, et al. **Tsitologiia** 1984 Aug; 26(8):936-41 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Immunoperoxidase cell surface localization of rabies virus antigen in tissue cultures at a low viral multiplicity. Revilla-Monsalve C, et al. **Arch Invest Med (Mex)** 1985 Jan-Mar;16(1):11-7 **(Eng, Spa)**

Enhanced replication of human cytomegalovirus in human fibroblasts treated with dexamethasone. Tanaka J, et al. **J Gen Virol** 1984 Oct;65 (Pt 10):1759-67

Hemadsorption focus assay for growth of influenza and parainfluenza viruses in human dermal fibroblasts. Bell DM, et al. **Proc Soc Exp Biol Med** 1985 Jul;179(3):377-81

PARASITOLOGY

The interaction of Leishmania donovani promastigotes and human fibroblasts in vitro. Schwartzman JD, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):850-5

Visualization of the mitochondria of Toxoplasma gondii-infected mouse fibroblasts by the cationic permeant fluorescent dye rhodamine 123. Tanabe K. **Experientia** 1985 Jan 15;41(1):101-2

The effect of proteolytic enzymes and protease inhibitors on the interaction Trypanosoma cruzi-fibroblasts. Piras MM, et al. **Mol Biochem Parasitol** 1985 Feb;14(2):151-63

PATHOLOGY

Bone marrow fibroblasts in acute lymphoblastic leukemia. Bruzzone MS, et al. **Acta Haematol (Basel)** 1985;73(2):75-9

Effect of corneal embryonic homogenates on tissue cultured fibroblasts. Niebrój TK, et al. **Acta Med Pol** 1983; 24(1-4):103-8

Atypical fibroblasts as a clue to radiation injury. Jacoby RA, et al. **Am J Dermatopathol** 1985 Feb;7(1):53-6

Increased adhesiveness of trisomy 21 cells and atrioventricular canal malformations in Down syndrome: a stochastic model. Kurnit DM, et al. **Am J Med Genet** 1985 Feb;20(2):385-99

A comparative study of fibroblasts in healing freeze and burn injuries in rats. Ehrlich HP, et al. **Am J Pathol** 1984 Nov; 117(2):218-24

Selective killing of contaminating human fibroblasts in epithelial cultures derived from colorectal tumours using an anti Thy-1 antibody-ricin conjugate. Paraskeva C, et al. **Br J Cancer** 1985 Jan;51(1):131-4

Free radical damage to cultured porcine aortic endothelial cells and lung fibroblasts: modulation by culture conditions. Bishop CT, et al. **In Vitro Cell Dev Biol** 1985 Apr; 21(4):229-36

Acquired (digital) fibrokeratoma. Kint A, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):816-21

Myofibroblasts in a collagen nevus detected by electron microscopy. Shelley WB, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 2):917-21

Characterization of cultured dermal fibroblasts and isolation of glycosaminoglycans from the medium of cells of patients with Werner's syndrome. Maekawa Y, et al. **J Dermatol (Tokyo)** 1985 Apr;12(2):129-33

Lymphokine/monokine inhibition of fibroblast proliferation and collagen production: role in progressive systemic sclerosis (PSS). Duncan MR, et al. **J Invest Dermatol** 1984 Nov;83(5):377-84

Cell surface abnormality in clones of skin fibroblasts from a carrier of Duchenne muscular dystrophy. Hillier J, et al. **J Med Genet** 1985 Apr;22(2):100-3

PHYSIOLOGY

Abnormalities in the cell-division cycle in Roberts syndrome fibroblasts: a cellular basis for the phenotypic characteristics? Tomkins DJ, et al. **Am J Hum Genet** 1984 Nov;36(6):1332-40

Fibroblast inhibition: a new and treatable cause of prosthetic graft failure. Sladen JG, et al. **Am J Surg** 1985 May; 149(5):587-90

Inhibition of lung fibroblast growth by human lung mononuclear cells. Elias JA, et al. **Am Rev Respir Dis** 1984 Nov;130(5):810-6

Cultured myofibroblasts: a useful model to study wound contraction and pathological contracture. Vande Berg JS, et al. **Ann Plast Surg** 1985 Feb;14(2):111-20

Phagocytosis of collagen by fibroblasts incident to experimental tooth movement. Hirashita A, et al. **Arch Histol Jpn** 1985 Apr;48(2):149-58

Growth-coupled changes in glucosaminoglycans (heparan sulfate and hyaluronic acid) in normal and transformed human fibroblasts. Matuoka K, et al. **Cell Biol Int Rep** 1985 Jun;9(6):577-86

Persistence of transcription of the human beta-globin gene in hybrids between transfected F9 embryonal carcinoma and L cells. Besnard C, et al. **Cell Differ** 1984 Dec; 15(2-4):215-9

Synergistic interaction of a cytokine produced by embryonic fibroblasts and a lymphokine contained in Con A-stimulated spleen cell culture for murine macrophage differentiation: a model experiment using cell line cells, M1. Noro N, et al. **Cell Immunol** 1985 Oct 1;95(1):124-36

Estimation of heat production by cultured cells in suspension using semi-automated flow microcalorimetry. Hoffner SE, et al. **Cytobios** 1985;42(166):71-80

Collagenolytic cleavage products of collagen type I as chemoattractants for human dermal fibroblasts. Albini A, et al. **Eur J Cell Biol** 1985 Jan;36(1):104-7

Coupling of cytoskeleton functions for fibroblast locomotion. Couchman JR, et al. **Eur J Cell Biol** 1985 Mar;36(2):182-94

The coordinate organization of vinculin and of actin filaments during the early stages of fibroblast spreading on a substratum. David-Pfeuty T. **Eur J Cell Biol** 1985 Mar; 36(2):195-200

Control in previous and present generations of preparation for entry into S phase and the relationship to resting state in 3Y1 rat fibroblastic cells. Okuda A, et al. **Exp Cell Res** 1984 Nov;155(1):24-32

Enhanced endocytosis by aging chondrocytes and fibroblasts. Edwards RF, et al. **Exp Gerontol** 1984;19(3):185-90

In vitro functions of stromal cells from human and mouse bone marrow. Zipori D, et al. **Exp Hematol** 1985 Aug; 13(7):603-9

Membrane potentials, electrolyte contents, cell pH, and some enzyme activities of fibroblasts. Yen-Chow YC, et al. **In Vitro** 1984 Sep;20(9):677-84

Relationship between fibroblastoid colony-forming units (CFU-f) and hemopoietic precursor cells in normal human bone marrow. Jinnai I, et al. **Int J Cell Cloning** 1984 Nov; 2(6):341-7

Exchange of actin subunits at the leading edge of living fibroblasts: possible role of treadmilling. Wang YL. **J Cell Biol** 1985 Aug;101(2):597-602

The role of increased proteolysis in the atrophy and arrest of proliferation in serum-deprived fibroblasts. Gronostajski RM, et al. **J Cell Physiol** 1984 Oct;121(1):189-98

Normal embryo fibroblasts release transforming growth factors in a latent form. Lawrence DA, et al. **J Cell Physiol** 1984 Oct;121(1):184-8

Serum-independent regulation of initiation of DNA synthesis relating to temperature-sensitive defect in rat 3Y1tsD123 fibroblasts and its compensation by simian virus 40. Zaitsu H, et al. **J Cell Physiol** 1985 Jun;123(3):305-9

Skin fibroblasts obtained from cancer patients display foetal-like migratory behaviour on collagen gels. Schor SL, et al. **J Cell Sci** 1985 Feb;73:235-44

Adult, foetal and transformed fibroblasts display different migratory phenotypes on collagen gels: evidence for an isoformic transition during foetal development. Schor SL, et al. **J Cell Sci** 1985 Feb;73:221-34

Effect of various root surface treatments on the attachment and growth of human gingival fibroblasts: histologic and scanning electron microscopic evaluation. Cogen RB, et al. **J Clin Periodontol** 1984 Sep;11(8):531-9

Fluoride-treated roots and viability and attachment of human gingival fibroblasts. Al-Joburi WA, et al. **J Dent Res** 1984 Oct;63(10):1206-10

Adhesive interactions between normal and dystrophic human skin fibroblasts. Pizzey JA, et al. **J Neurol Sci** 1985 Jul; 69(3):207-21

Mirror symmetry of newly divided rat periodontal ligament fibroblasts in situ and its relationship to cell migration. Cho MI, et al. **J Periodont Res** 1985 Mar;20(2):185-200

The role and composition of the adherent layer in long-term bone marrow culture. Bentley SA. **KROC Found Ser** 1984; 18:141-56 (66 ref.)

Epinephrine-induced cyclic AMP production in skin fibroblasts from patients with dementia of Alzheimer type and controls. Volicer L, et al. **Neurobiol Aging** 1985 Spring; 6(1):35-8

Interactions between human tumor cells and fibroblasts stimulate hyaluronate synthesis. Knudson W, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6767-71

[Cell aging. The model of cultured mouse embryo fibroblasts] Van Gansen P. **Bull Mem Acad R Med Belg** 1984; 139(10-11):461-73 (Eng. Abstr.) **(Fre)**

[The myofibroblast. A key cell in wound healing and in fibro-contractive diseases of the connective tissue] Gabbiani G. **Schweiz Rundsch Med Prax** 1984 Jul 31;73(30-31):939-41 (Eng. Abstr.) **(Fre)**

[Importance of fibroblast chemotaxis in wound healing and tumor cell evasion] Mensing H. **Klin Wochenschr** 1985 Feb 15;63(4):145-51 (77 ref.) (Eng. Abstr.) **(Ger)**

[In-vitro cancer cell growth regulation by fibroblasts, with special reference to the relationship with fibroblast aging] Kagawa S. **Nippon Hinyokika Gakkai Zasshi** 1984 Nov; 75(11):1718-21 **(Jpn)**

RADIATION EFFECTS

Mosaicism in female hybrid hares heterozygous for glucose-6-phosphate dehydrogenase. V. The recovery of DNA synthesis of hare fibroblasts after ultraviolet irradiation. Janakidevi K, et al. **Exp Mol Pathol** 1984 Dec; 41(3):344-53

The effect of 3H-thymidine on the proliferation of in vitro cultured mammalian cells. Keprtová J, et al. **Gen Physiol Biophys** 1985 Feb;4(1):81-92

Neoplastic transformation of human diploid fibroblasts (KMST-6) by treatment with 60Co gamma rays. Namba M, et al. **Int J Cancer** 1985 Feb 15;35(2):275-80

Use of irradiated mouse fibroblasts to improve the cloning and adaptation to culture of human melanoma cells. Vessière-Louveaux F, et al. **Int J Cancer** 1985 Feb 15; 35(2):231-5

The in vitro photosensitivity of systemic lupus erythematosus skin fibroblasts. Zamansky GB, et al. **J Immunol** 1985 Mar; 134(3):1571-6

Variable radiosensitivity in fibroblasts from patients with tuberous sclerosis. Hayashi A, et al. **J Invest Dermatol** 1985 Jan;84(1):77-8

Differential response of human fibroblasts to the cytotoxic and mutagenic effects of UV radiation in different phases of the cell cycle. Enninga IC, et al. **Mutat Res** 1985 Jan-Feb;148(1-2):119-28

The induction and repair of DNA damage and its influence on cell death in primary human fibroblasts exposed to UV-A or UV-C irradiation. Roza L, et al. **Mutat Res** 1985 Jul;146(1):89-98

Lethality and transformation of 10T1/2 mouse embryo fibroblast cell line by various wavelengths of ultraviolet radiation. Ananthaswamy HN. **Photodermatol** 1984 Dec; 1(6):265-76

Evidence for the induction of two types of potentially lethal damage after exposure of plateau phase Chinese hamster V79 cells to gamma-rays. Iliakis G. **Radiat Environ Biophys** 1985;24(3):185-202

Fixation of radiation-induced potentially lethal damage by anisotonic treatment and its modification by DMSO or BrdUrd in V79 cells. Raaphorst GP, et al. **Radiat Environ Biophys** 1985;24(3):175-84

Response of human fibroblasts to low dose rate gamma irradiation. Dritschilo A, et al. **Radiat Res** 1984 Nov; 100(2):387-95

Patterns of cell loss and repopulation in irradiated cultures of plateau phase C3H 10T 1/2 cells. Zeman EM, et al. **Radiother Oncol** 1985 Aug;4(1):71-85

[An atypical case of Cockayne syndrome showing a decrease in cultured skin fibroblast colonies by ultraviolet irradiation] Shooji M, et al. **Rinsho Shinkeigaku** 1985 Feb; 25(2):141-6 (Eng. Abstr.) **(Jpn)**

SECRETION

Interaction of high and low density lipoproteins on glycosaminoglycan secretion by human vascular smooth muscle cells and fibroblasts. Wosu L, et al. **Can J Biochem Cell Biol** 1984 Oct;62(10):984-90

ULTRASTRUCTURE

Myofibroblasts in filtration operations. Reddick R, et al. **Ann Ophthalmol** 1985 Mar;17(3):200-3

Ultrastructural observations of the stroma of human colon carcinomas with special regard to myofibroblasts. Katenkamp D, et al. **Arch Geschwulstforsch** 1984; 54(4):301-8

Cytogenetic characterization of the Chinese hamster ovary mutant EM9. Dillehay LE, et al. **Basic Life Sci** 1984;29 Pt A:103-7

Study of basal cell nevus syndrome fibroblasts after treatment with DNA-damaging agents. Nagasawa H, et al. **Basic Life Sci** 1984;29 Pt B:775-85

Subcellular localization and modification with ageing of glutathione, glutathione peroxidase and glutathione reductase activities in human fibroblasts. Mbemba F, et al. **Biochim Biophys Acta** 1985 Feb 15;838(2):211-20

Independent variation in the number of coated pits and of coated vesicles in cultured fibroblasts. Lubinski J, et al. **Biol Cell** 1984;52(2):119-27

Vesicles and cisternae in the trans Golgi apparatus of human fibroblasts are acidic compartments. Anderson RG, et al. **Cell** 1985 Mar;40(3):635-43

Three-dimensional organization of fibroblasts and collagen fibrils in rat tail tendon. Squier CA, et al. **Cell Tissue Res** 1984;238(2):319-27

Organization of cytoskeleton and fibronectin matrix in Rous sarcoma virus (RSV)-transformed fibroblast lines with different metastatic potential. Di Renzo MF, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):85-96

Polyploid cells in ageing hamster fibroblasts in vitro: possible implication of the centrosome. Raes M, et al. **Eur J Cell Biol** 1984 Sep;35(1):70-80

The effects of triacetyloleandomycin and oleandomycin phosphate on the glucocorticoid receptor in cultured skin fibroblasts. Engler RJ, et al. **J Allergy Clin Immunol** 1985 Mar;75(3):395-400

Structural organization of interphase 3T3 fibroblasts studied by total internal reflection fluorescence microscopy. Lanni F, et al. **J Cell Biol** 1985 Apr;100(4):1091-102

Peroxisomes in fibroblasts from skin of Refsum's disease patients. Beard ME, et al. **J Histochem Cytochem** 1985 May; 33(5):480-4

Intracellular localization of bacterial lipopolysaccharide using the avidin biotin complex method at the electron microscopic level. Lucas RM, et al. **J Periodontol** 1985 Sep;56(9):553-7

Appearance of extrachromosomal circular DNAs during in vivo and in vitro ageing of mammalian cells. Kunisada T, et al. **Mech Ageing Dev** 1985 Jan;29(1):89-99

Effect of collagenous substrates on growth of fibroblasts from bone marrow in cell cultures. Hattori A. **Nippon Geka Hokan** 1984 Jul 1;53(4):553–63

Fibroblast-collagen sponge interactions and the spatial deposition of newly synthesized collagen fibers in vitro and in vivo. Doillon CJ, et al. **Scan Electron Microsc** 1984;(Pt 3):1313–20

Smooth-surfaced control and transformed C3H/10T-1/2 cells differ in cytology: a study by secondary electron, backscattered electron and image analysis. Thiebaut F, et al. **Scan Electron Microsc** 1984;(Pt 3):1249–55

[Proliferation of fibroblasts in the hypertrophic cicatrix] Candiani P, et al. **Pathologica** 1984 May–Jun; 76(1043):369–75 (Eng. Abstr.) **(Ita)**

[Dynamics of the ultrastructure of fibroblasts during pre- and postnatal development of the dermis in the rat according to electronic morphometry] Radostina AI. **Arkh Anat Gistol Embriol** 1985 Apr;88(4):76–80 (Eng. Abstr.) **(Rus)**

[Regulating role of the microtubule system in the distribution of actin microfilament bundles in embryonic fibroblasts] Liass LA, et al. **Ontogenez** 1985 Mar–Apr;16(2):167–70 (Eng. Abstr.) **(Rus)**

FIBROCYSTIC DISEASE OF BREAST

Current concepts on I. Endometriosis, II. Fibrocystic breast disease. Proceedings of a symposium under the auspices of the Scandinavian Association of Obstetricians and Gynecologists. Helsingør, Denmark, June 20-22, 1983. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:1–196

Fibrocystic disease of the breast. Coombs PA., et al. **Int J Dermatol** 1985 Jan–Feb;24(1):57–9 (11 ref.)

[Should the term fibrocystic disease of the breast be dropped from the medical dictionary? (editorial)] Reiss R. **Harefuah** 1984 Jun 1;106(11):526–8 **(Heb)**

ANALYSIS

Immunohistochemistry of a component protein of the breast cystic disease fluid with mol. wt 15,000. Le Doussal V, et al. **Eur J Cancer Clin Oncol** 1985 Jun;21(6):715–25

Alpha 1-antitrypsin, transferrin, alkaline phosphatase, phosphohexoseisomerase and gamma-glutamyltransferase in breast cyst fluid. Biagioni S, et al. **Tumori** 1985 Apr 30;71(2):135–40

BLOOD

Elevated peripheral levels of androgens and of some steroid sensitive plasma proteins in patients with severe fibrocystic breast disease. A preliminary report. Carlström K, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:157–8

Tryptophan metabolism in patients with breast cancer. Poulter JM, et al. **Acta Vitaminol Enzymol** 1985;7(1–2):93–7

Release of prolactin, thyrotropin, and growth hormone in women with cyclical mastalgia and fibrocystic disease of the breast. Watt–Boolsen S, et al. **Cancer** 1985 Aug 1; 56(3):500–2

Selenium in the blood of Japanese and American women with and without breast cancer and fibrocystic disease. Schrauzer GN, et al. **Gann** 1985 May;76(5):374–7

Prolactin and thyrotropin response to thyrotropin–releasing hormone in premenopausal women with fibrocystic disease of the breast. Dogliotti L, et al. **Horm Res** 1985; 21(3):137–44

CHEMICALLY INDUCED

Exogenous hormone use and fibrocystic breast disease by histopathologic component. Berkowitz GS, et al. **Int J Cancer** 1984 Oct 15;34(4):443–9

Estrogen replacement therapy and benign breast disease. Trapido EJ, et al. **JNCI** 1984 Nov;73(5):1101–5

COMPLICATIONS

Cystic disease of the breast [editorial] **Lancet** 1985 Aug 3; 2(8449):253–4

Risk factors for breast cancer in women with proliferative breast disease. Dupont WD, et al. **N Engl J Med** 1985 Jan 17;312(3):146–51

Goodbye to 'fibrocystic disease' [editorial] Hutter RV. **N Engl J Med** 1985 Jan 17;312(3):179–81

DIAGNOSIS

Patient characteristics and age-dependent sub-populations in severe fibrocystic breast disease—the Hjørring project. Rasmussen T, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:151–5

The value of image post-processing in sonomammography: a preliminary report. Marqués BJ, et al. **Bol Asoc Med PR** 1985 Apr;77(4):138–42

Diagnosis of breast cysts with mammography, ultrasound and puncture. A review. Muller JW. **Diagn Imag Clin Med** 1985;54(3–4):170–7

Reliability of contact-thermogram reading services. London RS, et al. **J Reprod Med** 1984 Sep;29(9):686–8

Fibrocystic breast nondisease [letter] Vorherr H. **N Engl J Med** 1985 May 9;312(19):1258–9

Magnetic resonance imaging in the diagnosis of breast disease: use of transverse relaxation times. McSweeney MB, et al. **Radiology** 1984 Dec;153(3):741–4

[Palpation of multinodular breasts indicates the presence of adipose lobules in 1 case out of 2] Gordenne W, et al. **J Belge Radiol** 1984;67(2):109–11 (Eng. Abstr.) **(Fre)**

[The breast in patients with uterine myoma and dysfunctional uterine hemorrhage examined by the thermovision method] Ovanesian DR. **Sov Med** 1984;(9):104–7 **(Rus)**

DRUG THERAPY

Treatment of recurrent cyclical mastodynia in patients with fibrocystic breast disease. A double-blind placebo-controlled study—the Hjørring project. Döberl A, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:177–84

Danazol treatment of severely symptomatic fibrocystic breast disease and long-term follow-up—the Hjørring project. Tobiassen T, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984; 123:159–76

Treatment of fibrocystic disease of the breast with gestrinone, a new trienic synthetic steroid with anti-estrogen, anti-progesterone properties. Coutinho EM, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):363–6

The effect of vitamin E on mammary dysplasia: a double-blind study. London RS, et al. **Obstet Gynecol** 1985 Jan;65(1):104–6

Treatment of benign breast disease with vitamin A. Band PR, et al. **Prev Med** 1984 Sep;13(5):549–54

Vitamin E and benign breast 'disease': a double-blind, randomized clinical trial. Ernster VL, et al. **Surgery** 1985 Apr;97(4):490–4

[Effect of sulpiride on the secretion of prolactin and somatotropic hormone in premenopausal women affected by fibrocystic mastopathy] Caputo G, et al. **Chir Patol Sper** 1983 Apr;31(2):59–68 (Eng. Abstr.) **(Ita)**

[Therapeutic trial of medroxyprogesterone acetate in severe fibrocystic breast disease] Peralta O, et al. **Rev Chil Obstet Ginecol** 1983;48(3):146–55 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Breast cancer and the consumption of coffee. Rosenberg L, et al. **Am J Epidemiol** 1985 Sep;122(3):391–9

Risk factors for fibrocystic breast disease and its histopathologic components. Berkowitz GS, et al. **JNCI** 1985 Jul;75(1):43–50

IMMUNOLOGY

Natural killer cell activity in women at 'high risk' for breast cancer, with and without benign breast syndrome. Pross HF, et al. **Int J Cancer** 1984 Sep 15;34(3):303–8

Fibrocystic disease of the breast and HLA antigens. Renieri N, et al. **Pathol Res Pract** 1984 Sep;179(1):59–60

[Activity of non-specific T-suppressors regulating the proliferation of B- and T-lymphocytes in patients with fibroadenomatosis, breast cancer and stomach cancer] Grinevich IuA, et al. **Vopr Onkol** 1984;30(12):23–7 (Eng. Abstr.) **(Rus)**

METABOLISM

Localization of a membrane glycoprotein in benign fibrocystic disease and infiltrating duct carcinomas of the human breast with the use of a monoclonal antibody to guinea pig milk fat globule membrane. Greenwalt DE, et al. **Am J Pathol** 1985 Mar;118(3):351–9

pH of human breast cyst fluids. Dixon JM, et al. **Clin Oncol** 1984 Sep;10(3):221–4

Androsterone long chain fatty acid esters in human breast cyst fluid. Raju U, et al. **J Clin Endocrinol Metab** 1985 May;60(5):940–6

Plasma steroid-binding proteins in the cysts of gross cystic disease of the breast. Rosner W, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):200–3

Structures and concentrations of fifteen different steroid sulfates in human breast cyst fluids. Vanluchene E, et al. **J Steroid Biochem** 1984 Oct;21(4):367–71

Circulating levels and breast cyst fluid concentrations of human chorionic gonadotropin, progesterone and testosterone in women with gross cystic breast disease. Secreto G, et al. **Tumori** 1984 Dec 31;70(6):523–7

OCCURRENCE

Estrogen replacement therapy and fibrocystic breast disease in postmenopausal women. Berkowitz GS, et al. **Am J Epidemiol** 1985 Feb;121(2):238–45

Association of chronic cystic mastopathy, xeromammographic patterns, and cancer. Spratt JS, et al. **Cancer** 1985 Mar 15;55(6):1372–5

PATHOLOGY

Is fibrocystic breast disease a pre-malignant state? Myhre E. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:189–91

An epidemiologic study of fibrocystic breast disease with reference to ductal epithelial atypia. Pastides H, et al. **Am J Epidemiol** 1985 Mar;121(3):440–7

Fine needle aspiration in the diagnosis and management of solid breast lesions. Ulanow RM, et al. **Am J Surg** 1984 Nov;148(5):653–7

Natural history of cystic disease: the importance of cyst type. Dixon JM, et al. **Br J Surg** 1985 Mar;72(3):190–2

An analysis of the content and morphology of human breast microcysts. Dixon JM, et al. **Eur J Surg Oncol** 1985 Jun; 11(2):151–4

Microglandular adenosis of the female mammary gland: study of a case with ultrastructural observations. Kay S. **Hum Pathol** 1985 Jun;16(6):637–41

Refilling of breast cysts as indication for breast biopsy [letter] **Lancet** 1985 Sep 14;2(8455):608–9

Female type cystic hyperplasia in a male breast. McClure J, et al. **Postgrad Med J** 1985 May;61(715):441–3

Adenomyoepithelial adenosis and low-grade malignant adenomyoepithelioma of the breast. Kiaer H, et al. **Virchows Arch [A]** 1984;405(1):55–67

[The composition of connective tissue in the normal and fibrocystic breast] Gordenne W, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(1):27–31 (Eng. Abstr.) **(Fre)**

[Fibrocystic mastosis of the breast] Van Bogaert LJ. **Rev Fr Gynecol Obstet** 1984 May;79(5):337–58 **(Fre)**

[A new computerized semi-automatic approach to cytomorphometric diagnosis: individualization of a discriminating function and its application in breast pathology] Ferrario VF, et al. **Pathologica** 1984 May–Jun; 76(1043):359–67 (Eng. Abstr.) **(Ita)**

PHYSIOPATHOLOGY

Menstrual cycle patterns and the risk of breast disease. La Vecchia C, et al. **Eur J Cancer Clin Oncol** 1985 Apr; 21(4):417–22

Theophylline and fibrocystic breast disease. Hindi-Alexander MC, et al. **J Allergy Clin Immunol** 1985 Jun;75(6):709–15

RADIOGRAPHY

[Percutaneous injection of a contrast medium in isolated lesions of the breast] Renoy P, et al. **J Radiol** 1985 Mar; 66(3):203–8 (Eng. Abstr.) **(Fre)**

SURGERY

Cancer of the breast after prophylactic subcutaneous mastectomy. Eldar S, et al. **Am J Surg** 1984 Nov; 148(5):692–3

[Our clinico-therapeutic attitude to fibrocystic mastopathy] Fabi P, et al. **Chir Ital** 1984 Feb;36(1):26–9 (Eng. Abstr.) **(Ita)**

[Subcutaneous mastectomy and mammary reconstruction with dermofat flaps] Lodovici O, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jul–Aug; 39(4):141–7 (Eng. Abstr.) **(Por)**

ULTRASTRUCTURE

An ultrastructural morphometric analysis of normal human mammary tissue and human breast cancer. Wolf B, et al. **Anticancer Res** 1985 Mar–Apr;5(2):211–9

The galactocoele: a light- and electronmicroscopic study. Ironside JW, et al. **Histopathology** 1985 Apr;9(4):457–67

FIBROCYSTIC DISEASE OF PANCREAS see **CYSTIC FIBROSIS**

FIBROCYSTIC MASTOPATHY see **FIBROCYSTIC DISEASE OF BREAST**

FIBRODYSPLASIA OSSIFICANS PROGRESSIVA see **MYOSITIS OSSIFICANS**

FIBROIN

BIOSYNTHESIS

Predominant synthesis of fibroin heavy and light chains on the membrane-bound polysomes prepared from the posterior silk gland of the silkworm, Bombyx mori. Oyama F, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1143–53

GENETICS

Transcription regulation of silk genes. Suzuki Y, et al. **Cell Struct Funct** 1984 Jul;9 Suppl:s1–4

Sequence polymorphisms around the 5'-end of the silkworm fibroin H-chain gene suggesting the occurrence of crossing-over between heteromorphic alleles. Ueda H, et al. **Gene** 1985;34(2–3):351–5

Enhanced transcription of fibroin gene in vitro on covalently closed circular templates. Hirose S, et al. **J Biol Chem** 1985 Sep 5;260(19):10557–62

Reduced level of secretion and absence of subunit combination for the fibroin synthesized by a mutant silkworm, Nd(2). Takei F, et al. **J Cell Biol** 1984 Dec; 99(6):2005–10

Structural organization of the P25 gene of Bombyx mori and comparative analysis of its 5' flanking DNA with that of the fibroin gene. Couble P, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1801–14

IMMUNOLOGY

Studies on immunological properties of fibroin heavy and light chains. Oyama F, et al. **J Biochem (Tokyo)** 1984 Dec; 96(6):1689–94

FIBROMA

see related

TUBEROUS SCLEROSIS

Giant fibrovascular polyp of the esophagus. Carter MM, et al. **Gastrointest Radiol** 1984;9(4):301–3

Benign ureteral tumors: report of a case and review of the literature. Macksood MJ, et al. **J Am Osteopath Assoc** 1984 Oct;84(2):202–4

Benign fibrous tumors of lung: a brief review and review of five cases. Potts C, et al. **Nebr Med J** 1984 Sep; 69(9):291–4

CHEMICALLY INDUCED

Tuberculous pseudotumour of the liver developing during antituberculous chemotherapy. Forward KR, et al. **Can Med Assoc J** 1985 Jan 1;132(1):45–7

COMPLICATIONS

Fanconi syndrome associated with a non-ossifying fibroma of bone. Leehey DJ, et al. **Am J Med** 1985 Apr;78(4):708–10

Desmoid tumor complicating remobilization treatment for a chronic pain syndrome. Hoffberg HJ, et al. **Arch Phys Med Rehabil** 1985 May;66(5):332–4

Aneurysmal bone cyst: a hybrid lesion? Robinson PD. **Br J Oral Maxillofac Surg** 1985 Jun;23(3):220–6

Cardiac papillary fibroelastoma: a source of coronary artery emboli and myocardial infarction. Fine G, et al. **Henry Ford Hosp Med J** 1984;32(3):204–8

Myxoid fibroepithelial polyp in caliceal diverticulum. Ritchey ML, et al. **J Urol** 1985 Jan;133(1):79–80

[A case of fibrous bone dysplasia associated with a soft tissue fibromyxoma detected simultaneously] Le Goff P, et al. **Rev Rhum Mal Osteoartic** 1984 Oct;51(9):487–91 (Fre)

[Inflammatory intestinal pseudotumor: an unusual cause of chronic anemia] Fernández Rodríguez C, et al. **Rev Esp Enferm Apar Dig** 1984 Nov;66(5):435–8 (Eng. Abstr.) (Spa)

CONGENITAL

Fibrodysplasia ossificans progressiva presenting as fibrous scalp nodules. McFarland GS, et al. **Cleve Clin Q** 1984 Fall;51(3):549–52

Solitary congenital fibromatosis of the scalp: a case report. Fraser GC, et al. **J Pediatr Surg** 1985 Jun;20(3):221–3

Interventricular fibroma and cystic renal dysplasia in a newborn. Schwartz J, et al. **Pediatr Pathol** 1984;2(2):187–95

Solitary intestinal fibromatosis with perinatal bowel obstruction. Srigley JR, et al. **Pediatr Pathol** 1984; 2(3):249–58

[Multiple congenital fibromatosis] López Sánchez C, et al. **An Esp Pediatr** 1984 Oct 31;21(6):616–8 (Spa)

[Generalized congenital fibromatosis] Henriquez A, et al. **Rev Chil Pediatr** 1984 Nov–Dec;55(6):413–7 (Eng. Abstr.) (Spa)

DIAGNOSIS

Sonography of ovarian fibromas. Stephenson WM, et al. **AJR** 1985 Jun;144(6):1239–40

Aggressive ossifying fibroma of the mandible. Reaume CE, et al. **J Oral Maxillofac Surg** 1985 Aug;43(8):631–5

Real-time ultrasound diagnosis of cardiac fibroma in a neonate. de Ruiz M, et al. **J Ultrasound Med** 1985 Jul; 4(7):367–9

Sonographic demonstration of a pelvic fibromyxoma. Yoshino MT, et al. **J Ultrasound Med** 1985 Jul;4(7):365–6

Otolaryngologic manifestations of orbital pseudotumors. Fortson JK, et al. **Otolaryngol Head Neck Surg** 1980 Jul–Aug;88(4):342–8

Case of the season. Inflammatory fibrous polyp of esophagus. Sheward SE. **Semin Roentgenol** 1985 Jul;20(3):197–9

Bilateral calcified ovarian fibromas. Tytle T, et al. **South Med J** 1984 Sep;77(9):1178–80

[A frequently deceptive pathology: pleural fibroma. Apropos of 2 recent surgically-diagnosed cases] Bazelly B, et al. **Ann Chir** 1983 Oct;37(7):547–50 (Eng. Abstr.) (Fre)

[Myocardial fibroma. Apropos of a case followed for 11 years] Hermida JS, et al. **Arch Mal Coeur** 1985 Feb; 78(2):283–8 (Eng. Abstr.) (Fre)

[Difficulties in the diagnosis of benign tumors of the small intestine] Rozsos I, et al. **Orv Hetil** 1985 May 26; 126(21):1291–3 (Eng. Abstr.) (Hun)

[Ossifying fibroma of the ethmoid labyrinth and nasal cavity] Jordan J, et al. **Otolaryngol Pol** 1985;39(1):65–9 (Eng. Abstr.) (Pol)

[Clinico-radiological comparisons in juvenile fibroma] Szmeja Z, et al. **Otolaryngol Pol** 1984;38(5):369–75 (Eng. Abstr.) (Pol)

[Facial fibro-osteoma] Borowiec J, et al. **Wiad Lek** 1985 Mar 1;38(5):386–8 (Eng. Abstr.) (Pol)

[Periungual and subungual fibromas] Sheklakov ND, et al. **Vestn Dermatol Venerol** 1985 Feb;(2):25–7 (Eng. Abstr.) (Rus)

[Fibroma of the small intestine] Opushnev VA, et al. **Vestn Khir** 1984 Nov;133(11):73–6 (Rus)

[Case for diagnosis. Dermatofibrosis lenticularis disseminata] Molgó Novell M. **Med Cutan Ibero Lat Am** 1985;13(1):81–2 (Spa)

DRUG THERAPY

Plantar fibromatosis responds to intralesional steroids. Pentland AP, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):212–4

ETIOLOGY

Pelvic fibromatosis: an unusual gynecologic tumor. Simon NL, et al. **Obstet Gynecol** 1985 May;65(5):767–9

FAMILIAL & GENETIC

Familial aggressive fibromatosis of the lower extremities. A report of two cases. Schrøder HA, et al. **Acta Orthop Scand** 1985 Feb;56(1):90–1

Familial multiple trichodiscomas. A clinicopathologic study. Starink TM, et al. **Arch Dermatol** 1985 Jul;121(7):888–91

PATHOLOGY

Elastofibroma of the greater omentum. Tsutsumi A, et al. **Acta Pathol Jpn** 1985 Jan;35(1):233–41

Dupuytren type fibromatoses. A clinicopathologic study of 62 cases. Ushijima M, et al. **Acta Pathol Jpn** 1984 Sep; 34(5):991–1001

Fibroma of tendon sheath. A light and electron-microscopic study of 6 cases. Lundgren LG, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1984 Nov; 92(6):401–9

Giant cell fibroblastoma: a report of three cases. Abdul-Karim FW, et al. **Am J Clin Pathol** 1985 Feb; 83(2):165–70

Elastofibromatous lesion of the stomach in a patient with elastofibroma dorsi. Enjoji M, et al. **Am J Surg Pathol** 1985 Mar;9(3):233–7

Infantile digital fibromatosis occurring outside the digit. Purdy LJ, et al. **Am J Surg Pathol** 1984 Oct;8(10):787–90

Ovarian hyperthecosis associated with pseudosarcomatous changes in the endometrial stroma. Ravinsky E. **Am J Surg Pathol** 1984 Dec;8(12):939–43

Childhood orbital pseudotumor. Grossniklaus HE, et al. **Ann Ophthalmol** 1985 Jun;17(6):372–7

Acquired fibrokeratoma of the heel. Cooper PH, et al. **Arch Dermatol** 1985 Mar;121(3):386–8

Juvenile hyaline fibromatosis. A 15-year follow-up. Quintal D, et al. **Arch Dermatol** 1985 Aug;121(8):1062–3

Atypical fibroxanthoma. A study with antibody to S-100 protein. Winkelmann RK, et al. **Arch Dermatol** 1985 Jun; 121(6):753–5

Solitary intestinal fibromatosis in the newborn. Rare cause of neonatal intestinal obstruction. Gonzalez-Crussi F, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):97–9

Aggressive fibromatosis of the breast. Hanna WM, et al. **Arch Pathol Lab Med** 1985 Mar;109(3):260–2

Fibromyxoma of the trachea. A review of benign tracheal tumors. Pollak ER, et al. **Arch Pathol Lab Med** 1985 Oct; 109(10):926–9

Aggressive fibromatosis (extra-abdominal desmoids) of the head and neck. Siemssen SJ, et al. **Br J Plast Surg** 1984 Oct;37(4):453–7

An atypical fibromyxoid tumor of the prostate. Hafiz MA, et al. **Cancer** 1984 Dec 1;54(11):2500–4

Benign fibro-osseous jaw lesions of periodontal membrane origin. An analysis of 249 cases. Hamner JE 3d, et al. **Cancer** 1968 Oct;22(4):861–78

Atypical fibroxanthoma distinguishable from spindle cell carcinoma in sarcoma-like skin lesions. A clinicopathologic and immunohistochemical study of 21 cases. Kuwano H, et al. **Cancer** 1985 Jan 1;55(1):172–80

Dystrophic and psammomatous calcifications in a desmoid tumor. A light microscopic and ultrastructural study. Lee YS, et al. **Cancer** 1985 Jan 1;55(1):84–90

Juvenile nodular aponeurotic fibroma in the area of the knee joint. Aprin H, et al. **Clin Orthop** 1984 Nov;(190):257–9

Desmoplastic fibroma of the first metatarsal. A case report. Beskin JL, et al. **Clin Orthop** 1985 May;(195):299–303

Pachydermodactyly. Reichert CM, et al. **Clin Orthop** 1985 Apr;(194):252–7

Atypical fibroxanthomas of the skin: multiple primaries. Kirsch N, et al. **Cutis** 1984 Oct;34(4):404–7

Recurring accessory 'fingernail': periungual fibrokeratoma. Shelley WB, et al. **Cutis** 1985 May;35(5):451–4

Inflammatory fibroid polyp of the ileum. Assarian GS, et al. **Hum Pathol** 1985 Mar;16(3):311–2

Multifocal nonosteogenic fibroma: report of a case with ultrastructural findings. Peuchmaur M, et al. **Hum Pathol** 1985 Jul;16(7):751–3

Juvenile hyaline fibromatosis. Yesudian P, et al. **Int J Dermatol** 1984 Nov;23(9):619–20

Fibromatosis and massive edema of the ovary, possibly related entities: a report of 14 cases of fibromatosis and 11 cases of massive edema. Young RH, et al. **Int J Gynecol Pathol** 1984;3(2):153–78

Fibroma of tendon sheath. Cooper PH. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):625–8

Solitary fibrofolliculoma. Scully K, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 2):361–3

The specificity and stability of the triton-extracted cytoskeletal framework of gerbil fibroma cells. Gilbert M, et al. **J Cell Sci** 1985 Feb;73:335–45

Adnexal displacement and regression in association with histiocytoma (dermatofibroma). Rahbari H, et al. **J Cutan Pathol** 1985 Apr;12(2):94–102

The cutaneous pathology of Cowden's disease: new findings. Starink TM, et al. **J Cutan Pathol** 1985 Apr;12(2):83–93

Fibroma of tendon sheath. Greene TL, et al. **J Hand Surg [Am]** 1984 Sep;9(5):758–60

Juvenile aponeurotic fibroma. Adeyemi-Doro HO, et al. **J Hand Surg [Br]** 1985 Feb;10(1):127–8

Intra-abdominal fibromatosis. Devi NN, et al. **J Indian Med Assoc** 1984 Sep;82(9):325–7

Ovarian tumors in a teenage primigravida. Walling AD, et al. **J Kans Med Soc** 1984 Sep;85(9):231–3, 250

Lymphangiectatic fibrous polyp of the palatine tonsil. A report of three cases. Hiraide F, et al. **J Laryngol Otol** 1985 Apr;99(4):403–9

Aggressive fibromatosis of the tonsillar fossa—a case report. Kwong K. **J Laryngol Otol** 1985 Apr;99(4):411–6

Fibroblastic tumor of the abducens nerve. Case report. Nehls DG, et al. **J Neurosurg** 1985 Feb;62(2):296–9

Case 55: large right mandibular mass [clinical conference] Addante RR, et al. **J Oral Maxillofac Surg** 1985 Jul; 43(7):531–6

Case 52: Multiloculated radiolucency of the left mandible [clinical conference] Geist ET, et al. **J Oral Maxillofac Surg** 1985 Mar;43(3):205–9

Desmoplastic fibroma of the maxilla. George DI Jr, et al. **J Oral Maxillofac Surg** 1985 Sep;43(9):718–25

Periosteal ossifying fibroma of the palate. Saito I, et al. **J Periodontol** 1984 Dec;55(12):704–7

Spectrum of atypical fibroxanthoma of the skin. Lanigan S, et al. **J R Soc Med** 1984;77 Suppl 4:27–30

Dermatofibrosarcoma non-protuberans: description and report of five cases of a morpheaform variant of dermatofibrosarcoma. Lambert WC, et al. **J Surg Oncol** 1985 Jan;28(1):7–11

Fibromyxomatous pseudotumor of the scrotum. Sarma DP, et al. **J Surg Oncol** 1984 Oct;27(2):116–8

Recurrent fibroma of the neck in an infant. Sutton L, et al. **Med Pediatr Oncol** 1984;12(5):349–51

Aggressive juvenile fibromatosis. Schwartz AM, et al. **Mt Sinai J Med (NY)** 1985 May;52(5):378–9

Adult-onset Still's disease and inflammatory orbital pseudotumor. Cush JJ, et al. **NY State J Med** 1985 Mar; 85(3):110–1

Orbital pseudotumor: histopathological classification and treatment. Fujii H, et al. **Ophthalmologica** 1985; 190(4):230–42

Psammomatoid (juvenile) ossifying fibroma of the orbit. Margo CE, et al. **Ophthalmology** 1985 Jan;92(1):150–9

Fibrous defect (nonossifying fibroma) of the mandible. Elzay RP, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct; 58(4):402–7

Desmoid tumor in the maxillary sinus: a case report. Hasegawa M, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(1):1–4

Benign spindle cell tumour of breast—a variant of spindled cell lipoma or fibroma of breast? Chan KW, et al. **Pathology** 1984 Jul;16(3):331–6

Elastofibroma arising in the foot. Cross DL, et al. **South Med J** 1984 Sep;77(9):1194–6

Aggressive fibromatosis. Kofoed H, et al. **Surg Gynecol Obstet** 1985 Feb;160(2):124–7

Fibrous pseudotumor of the tunica vaginalis testis. Bruijnes E, et al. **Urol Int** 1984;39(5):314–7

Fibroepithelial ureteral polyps. Stukart RA, et al. **Urol Int** 1984;39(6):336–8

Fibromatosis of infancy and childhood. Histology, ultrastructure and clinicopathologic correlation. Schmidt D, et al. **Z Kinderchir** 1985 Feb;40(1):40–6

[Idiopathic inflammatory pseudotumor of the orbit in childhood. II. Biopsy] Stejskal J, et al. **Cesk Patol** 1985 May;21(2):77–86 (Eng. Abstr.) (Cze)

[Aggressive fibromatosis as a surgical problem] Tecl F, et al. **Rozhl Chir** 1985 Apr;64(4):255–8 (Eng. Abstr.) (Cze)

[Anatomopathological aspects of fibromatosis] Houcke M, et al. **Arch Anat Cytol Pathol** 1984;32(4):208–12 (Eng. Abstr.) (Fre)

[Intraorbital ossification and inflammatory pseudotumor: bone choristoma or metaplastic ossification?] Lepori JC, et al. **Rev Otoneuroophtalmol** 1984 Jul–Dec;56(4–5):467–72 (Eng. Abstr.) (Fre)

[Case of a rare maxillary tumor: osteocementofibroma] Mugnier A, et al. **Rev Stomatol Chir Maxillofac** 1984; 85(5):399–402 (Eng. Abstr.) (Fre)

[Acquired fibrokeratoma] Narwutsch M, et al. **Dermatol Monatsschr** 1985;171(4):254–8 (Eng. Abstr.) (Ger)

[Disseminated fibromatosis of the mesenterium] Sieratzki J, et al. **Leber Magen Darm** 1985 Mar;15(2):90–2 (Eng. Abstr.) (Ger)

[Inflammatory pseudotumor of the breast due to panniculitis. Histological and immunohistochemical studies of 7 cases] Katzer B, et al. **Pathologe** 1985 May;6(3):113–8 (Ger)

[Fibrofolliculoma] Gartmann H. **Z Hautkr** 1985 Apr 1; 60(7):567–75 (Eng. Abstr.) (Ger)

[A case of fibroma of the spermatic cord] Yoshiki T, et al. **Hinyokika Kiyo** 1984 Aug;30(8):1123–6 (Eng. Abstr.) (Jpn)

[Cervical desmoid fibroma in a child] Dumitru M, et al. **Rev Chir [Otorinolaringol]** 1985 Apr–Jun;30(2):99–102 (Eng. Abstr.) (Rum)

[Collagen in desmoids (an immunomorphological study)] Smirnov AV, et al. **Arkh Patol** 1984;46(10):42–7 (Eng. Abstr.) (Rus)

[Retroperitoneal non-organic tumors] Alvazian AV, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):27–30 (Eng. Abstr.) (Rus)

[Giant desmoid of the anterior abdominal wall] Bodrov AO. **Klin Khir** 1985 May;(5):58–9 (Rus)

[Fibroepithelial polyp of the ureter] Artiles JL, et al. **Arch Esp Urol** 1984 Nov–Dec;37(6):537–40 (Eng. Abstr.) (Spa)

[Aggressive fibromatosis] Spitale LS. **Rev Fac Cien Med Univ Nac Cordoba** 1983;41(2):19–20

(Eng. Abstr.) (Spa)

RADIOGRAPHY

Gardner's syndrome and mesenteric desmoids. Carr LY, et al. **Am J Gastroenterol** 1985 Apr;80(4):310-2

Massive juvenile ossifying fibroma of maxillary sinus with orbital involvement. Shields JA, et al. **Br J Ophthalmol** 1985 May;69(5):392-5

Desmoplastic fibroma of bone. A report of eight cases and review of the literature. Gebhardt MC, et al. **J Bone Joint Surg [Am]** 1985 Jun;67(5):732-47

Atypical computed tomography findings in a case of orbital pseudotumor. Norton KI, et al. **J Comput Tomogr** 1985 Jul;9(3):203-7

Case for diagnosis. Fibroxanthoma. Moser RP Jr. **Milit Med** 1985 Jan;150(1):51-4

Fibroma of the lung. Kinas HY, et al. **NY State J Med** 1985 Jan;85(1):37-8

Radiographic characteristics of central ossifying fibroma. Eversole LR, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):522-7

Computerized axial tomography in inflammatory pseudotumor of the orbit. Rowe LD, et al. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):378-83

Inflammatory pseudotumor of the liver: a rare cause of obstructive jaundice and portal hypertension in a child. Heneghan MA, et al. **Pediatr Radiol** 1984;14(6):433-5

Intrathoracic desmoid tumor in a child. Krause LM, et al. **Pediatr Radiol** 1985;15(2):131-3

Case report 302. Desmoplastic fibroma of the proximal end of the left femur. Lichtman EA, et al. **Skeletal Radiol** 1985; 13(2):160-3

Case report 293. Diagnosis: nonossifying fibroma (NOF) of the upper tibial diametaphysis, with considerable increase in size over a three-year period. Young JW, et al. **Skeletal Radiol** 1984;12(4):294-7

Giant fibrous polyp of a calyx. Pimentel MC, et al. **Urol Radiol** 1985;7(1):51-3

[X-ray diagnosis of non-ossifying fibroma of the bone (analysis of 30 cases)] Zhou WX. **Chung Hua Fang She Hsueh Tsa Chih** 1984 Aug;18(3):205-8 (Eng. Abstr.) (Chi)

[Demarcation of the forms of osteofibrous tumors of the facial bones] Bausch J. **Laryngol Rhinol Otol (Stuttg)** 1984 Sep; 63(9):460-3 (Eng. Abstr.) (Ger)

[Computed tomographic diagnosis in aggressive fibromatosis of the neck] Sigmund G, et al. **ROFO** 1985 Apr; 142(4):467-8 (Ger)

[A case of retroperitoneal fibrosis simulating ruptured abdominal aorta aneurysm in computed axial tomography] Torchio G, et al. **Minerva Cardioangiol** 1985 May; 33(5):305-8 (Eng. Abstr.) (Ita)

RADIONUCLIDE IMAGING

Scintigraphy of aggressive fibromatosis. Hudson TM, et al. **Skeletal Radiol** 1985;13(1):26-32

[Bone scintigraphy of the maxillofacial fibro-osseous lesion] Okuyama T, et al. **Rinsho Hoshasen** 1985 May;30(5):601-2 (Jpn)

RADIOTHERAPY

Pseudotumor of hemophilia in the orbit: the role of radiotherapy in management. Meyers L, et al. **Am J Hematol** 1985 May;19(1):99-104

Radiation therapy in the treatment of aggressive fibromatoses (desmoid tumors). Kiel KD, et al. **Cancer** 1984 Nov 15; 54(10):2051-5

[Extra-abdominal desmoid tumor--report of a case] Tsukiyama I, et al. **Gan No Rinsho** 1984 Oct;30(13):1693-9 (Eng. Abstr.) (Jpn)

SURGERY

Desmoid tumors and their management. Khorsand J, et al. **Am J Surg** 1985 Feb;149(2):215-8

Lipoma and fibroma occurring in the same foot. A case report. Chagares WE, et al. **J Am Podiatr Med Assoc** 1985 Jan;75(1):34-6

Extra-abdominal desmoid tumors. Rock MG, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1369-74

An anomalous flexor digitorum superficialis indicis muscle in association with a fibroma presenting as a stiff painful finger. Kernohan J, et al. **J Hand Surg [Br]** 1984 Oct; 9(3):335-6

A tendon sheath tumour presenting as trigger finger. Oni OO. **J Hand Surg [Br]** 1984 Oct;9(3):340

Desmoid tumor--review and follow-up of ten cases. Shpitz B, et al. **J Surg Oncol** 1985 Jan;28(1):67-71

Myocardial substitution with a stimulated skeletal muscle: first successful clinical case [letter] Carpentier A, et al. **Lancet** 1985 Jun 1;1(8440):1267

Cranio-facial approach to ossifying fibromas. Janecka IP, et al. **Laryngoscope** 1985 Mar;95(3):305-6

Inflammatory pseudotumours of the lung. Wouters EF, et al. **Neth J Surg** 1985 Apr;37(2):60-4

Conservation surgery for laryngeal pseudosarcoma. Leuszler RW, et al. **Otolaryngol Head Neck Surg** 1984 Aug; 92(4):480-4

Partial replacement of the left ventricular wall for a large intramural fibroma. Zerkowski HR, et al. **Pediatr Cardiol** 1985;6(1):43-5

[Maxillofacial desmoid tumor--report of 4 cases] Sun JY. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Sep;19(3):180-1 (Chi)

[Desmoid tumor of the abdominal wall: report of 25 cases] Cao DS, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Feb; 23(2):99-100, 127-8 (Eng. Abstr.) (Chi)

[Extra-abdominal desmoid] Xia XL. **Chung Hua Wai Ko Tsa Chih** 1985 Feb;23(2):97-8, 127 (Eng. Abstr.) (Chi)

[Cryosurgical treatment of benign skin tumors. Experiences in the practice of a general physician] Haehn KD. **Fortschr Med** 1984 Oct 4;102(37):919-20 (Eng. Abstr.) (Ger)

[Local fibromatosis in childhood] Schink W. **Handchir Mikrochir Plast Chir** 1985 Mar;17(2):109-10 (Ger)

[Fibrous polyp of the posterior urethra] Merlini E, et al. **Pediatr Med Chir** 1983 Nov-Dec;5(6):601-2 (Eng. Abstr.) (Ita)

[Inflammatory pseudotumors of the cecum] Lokhvitskil SV, et al. **Klin Khir** 1985 Feb;(2):30-2 (Eng. Abstr.) (Rus)

ULTRASTRUCTURE

Myofibroblasts in fibromatoses. An electron microscopic study. Kiryu H, et al. **Acta Pathol Jpn** 1985 May; 35(3):533-47

Histogenesis of adenomatoid tumour associated to pseudofibromatous periorchitis in an infant with hydrocele. Nistal M, et al. **J Pathol** 1984 Dec;144(4):275-80

Inclusion body myofibroblasts other than those seen in recurring digital fibroma of childhood. Navas-Palacios JJ, et al. **Ultrastruct Pathol** 1984;7(2-3):109-21

VETERINARY

Subcutaneous fibromatosis associated with an acquired immune deficiency syndrome in pig-tailed macaques. Tsai CC, et al. **Am J Pathol** 1985 Jul;120(1):30-7

Detection of papillomaviruses in cutaneous fibromas of white-tailed and mule deer. Sundberg JP, et al. **Am J Vet Res** 1985 May;46(5):1145-9

Transmission of the white-tailed deer cutaneous fibroma. Sundberg JP, et al. **Am J Vet Res** 1985 May;46(5):1150-4

Ketamine HCL and diazepam anaesthesia of a leopard seal (Hydrurga leptonyx) for the biopsy of multiple fibromatous epulis. Gales NJ. **Aust Vet J** 1984 Sep;61(9):295-6

Starvation secondary to an oral fibroma in a wild mountain goat (Oreamnos americanus). Foreyt WJ, et al. **J Wildl Dis** 1985 Apr;21(2):184-5

Cutaneous fibromas of moose (Alces alces). Sundberg JP, et al. **J Wildl Dis** 1985 Apr;21(2):181-3

Morphology of spontaneous cardiac tumors in Fischer 344 rats. Yamate J, et al. **Nippon Juigaku Zasshi** 1984 Jun; 46(3):381-4

Renal fibroma in four dogs. Picut CA, et al. **Vet Pathol** 1985 Jul;22(4):422-3

Urinary incontinence in a bitch caused by vaginal fibroma. Sahay PN, et al. **Vet Rec** 1985 Jan 19;116(3):76-7

FIBROMA, SHOPE see **TUMOR VIRUS INFECTIONS**

FIBROMATOSIS GINGIVAE

COMPLICATIONS

Gingival fibromatosis with hypertrichosis. A case report. Horning GM, et al. **J Periodontol** 1985 Jun;56(6):344-7

FAMILIAL & GENETIC

Focus of epithelial dysplasia arising in hereditary gingival fibromatosis. Redman RS, et al. **J Periodontol** 1985 Mar; 56(3):158-62

FIBROMUSCULAR DYSPLASIA see under **ARTERIAL OCCLUSIVE DISEASES**

FIBRONECTINS

Structure and flexibility of plasma fibronectin in solution: electron spin resonance spin-label, circular dichroism, and sedimentation studies. Lai CS, et al. **Biochemistry** 1984 Dec 18;23(26):6393-7

Primary structure of human plasma fibronectin. Characterization of a 31,000-dalton fragment from the COOH-terminal region containing a free sulfhydryl group and a fibrin-binding site. Garcia-Pardo A, et al. **J Biol Chem** 1985 Aug 25;260(18):10320-5

Extracellular matrix microfibrils are composed of core proteins coated with fibronectin. Schwartz E, et al. **J Histochem Cytochem** 1985 Apr;33(4):268-74

A six-armed oligomer isolated from cell surface fibronectin preparations. Erickson HP, et al. **Nature** 1984 Sep 20-26; 311(5983):267-9

Biological and physical properties of fibronectin pasteurized in the presence of stabilizers. Miekka SI, et al. **Vox Sang** 1985;48(5):284-93

[Increase of fibronectin-dependent phagocytosis by immune interferon of the mouse] Cofano F, et al. **G Batteriol Virol Immunol** 1983 Jan-Jun;76(1-6):104-8 (Eng. Abstr.) (Ita)

[Enzymochemical studies on pancreatic elastase. II. Actions of hog pancreatic elastase I on fibronectin] Nagai T, et al. **Yakugaku Zasshi** 1984 Jul;104(7):805-11 (Eng. Abstr.) (Jpn)

[Fibronectin] Llena Puy MC, et al. **Rev Clin Esp** 1984 Oct 31;175(2):59-61 (36 ref.) (Spa)

ANALYSIS

Characterization of the perivascular reticulin network in a case of primary brain lymphoma. Immunohistochemical demonstration of collagen types I, III, IV, and V; laminin; and fibronectin. Kalimo H, et al. **Acta Neuropathol (Berl)** 1985;66(4):299-305

Distribution of different collagen types and fibronectin in neurofibromatosis tumours. Peltonen J, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Sep; 92(5):345-52

The role of actin-binding proteins vinculin, filamin, and fibronectin in intracellular and intercellular linkages in cardiac muscle. Koteliansky VE, et al. **Adv Myocardiol** 1985;5:215-21

Fibronectin in eosinophilic globules of Spitz's nevi. Kamino H, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:313-6

Changes in the distribution of fibronectin in the placenta during normal human pregnancy. Yamaguchi Y, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):715-8

Enzyme-linked immunosorbent assay to quantify fibronectin. Gomez-Lechon MJ, et al. **Anal Biochem** 1985 Feb 15; 145(1):1-8

Changes in quantity of fibronectin from human skin fibroblasts with cellular aging. Oka H. **Ann Plast Surg** 1985 Mar;14(3):248-57

The possible role of stromal influences in tumor cell heterogeneity. Histology and fibronectin pattern of the Yoshida sarcoma of the rat. Jiwa M, et al. **Anticancer Res** 1985 May-Jun;5(3):273-6

Immunohistochemical localization of fibronectin in structures of the human oral cavity: dental pulp and gingiva. Corvetti G, et al. **Arch Anat Microsc Morphol Exp** 1984;73(4):205-15

Fibronectin. Localization in normal human skin, granulation tissue, hypertrophic scar, mature scar, progressive systemic sclerotic skin, and other fibrosing dermatoses. Nagata H, et al. **Arch Dermatol** 1985 Aug;121(8):995-9

Ultrastructural localization of fibronectin in duct cells of human minor salivary glands and its immunochemical detection in minor salivary gland secretion. Linde A, et al. **Arch Oral Biol** 1984;29(11):921-5

Quantification of tissue fibronectin from terminal villi of placenta. Bray BA. **Biochem J** 1985 Mar 15;226(3):811-5

Characterization of fibronectin from fetal human plasma in comparison with adult plasma fibronectin. Yamaguchi Y, et al. **Biochim Biophys Acta** 1984 Oct 9;790(1):53-60

Ultrastructural localization of human platelet thrombospondin, fibrinogen, fibronectin, and von Willebrand factor in frozen thin section. Wencel-Drake JD, et al. **Blood** 1985 Apr;65(4):929-38

Immuno-enzymatic detection of fibronectin in normal and pathological haematopoietic tissue. Reilly JT, et al. **Br J Haematol** 1985 Mar;59(3):497-504

Fibronectin patterns in hepatocellular carcinoma and its clinical significance. Jagirdar J, et al. **Cancer** 1985 Oct 1; 56(7):1643-8

Fibronectin in the area opaca of the young chick embryo. Immunofluorescence and immuno-electron-microscopic study. Monnet-Tschudi F, et al. **Cell Tissue Res** 1985; 241(1):85-92

The distribution of types I and III collagen and fibronectin in the healing equine tendon. Williams IF, et al. **Connect Tissue Res** 1984;12(3-4):211-27

Localisation of laminin and fibronectin during rat lens morphogenesis. Parmigiani C, et al. **Differentiation** 1984; 28(1):53-61

Fibronectin as a marker of granulosa cell cytodifferentiation. Skinner MK, et al. **Endocrinology** 1985 Sep;117(3):886-92

Low antithrombin III and high plasma fibronectin in pre-eclampsia. Graninger W, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Apr;19(4):223-9

Fibronectin concentration in ascites differentiates between malignant and nonmalignant ascites. Schölmerich J, et al. **Gastroenterology** 1984 Nov;87(5):1160-4

Appearance and persistence of fibronectin in cartilage. Specific interaction of fibronectin with collagen type II. Glant TT, et al. **Histochemistry** 1985;82(2):149-58

Masking of antigenic sites of fibronectin by glycosaminoglycans in ethanol-fixed embryonic tissue. Harrisson F, et al. **Histochemistry** 1985;82(2):169-74

Rheumatoid nodules. A lightmicroscopical study with special reference to fibrin and fibronectin. Hølund B, et al. **Histochemistry** 1984;80(5):463-7

Characterization of fibronectin on human spermatozoa. Vuento M, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jul; 365(7):757-62

Location and possible function of fibronectin and laminin in clones of chick retinal pigmented epithelial cells. Crawford BJ, et al. **In Vitro Cell Dev Biol** 1985 Feb; 21(2):79-87

Fibronectin in human trabecular drainage channels. Floyd BB, et al. **Invest Ophthalmol Vis Sci** 1985 Jun;26(6):797-804

Thermal stability of human plasma fibronectin and its constituent domains. Ingham KC, et al. **J Biol Chem** 1984 Oct 10;259(19):11901-7

Structure of the carbohydrate units of human amniotic fluid fibronectin. Krusius T, et al. **J Biol Chem** 1985 Apr 10; 260(7):4110-6

Differences in domain structure between human fibronectins isolated from plasma and from culture supernatants of normal and transformed fibroblasts. Studies with domain-specific antibodies. Sekiguchi K, et al. **J Biol Chem** 1985 Apr 25;260(8):5105–14

Mesoblastic nephroma contains fibronectin but lacks laminin. Kumar S, et al. **J Clin Pathol** 1985 May;38(5):507–11

Factor VIII concentrate as a source of fibronectin for replacement therapy [letter] Smith JK, et al. **J Clin Pathol** 1984 Oct;37(10):1196

A procedure for light and electron microscopic intracellular immunolocalization of collagen and fibronectin in rat liver. Clement B, et al. **J Histochem Cytochem** 1985 May;33(5):407–14

Localization of laminin, type IV collagen, fibronectin, and heparan sulfate proteoglycan in chick retinal pigment epithelium basement membrane during embryonic development. Turksen K, et al. **J Histochem Cytochem** 1985 Jul;33(7):665–71

Basement membrane proteins, interstitial collagens, and fibronectin in neurofibroma. Fleischmajer R, et al. **J Invest Dermatol** 1985 Jul;85(1):54–9

Basement membrane and connective tissue proteins in early lesions of Kaposi's sarcoma associated with AIDS. Kramer RH, et al. **J Invest Dermatol** 1985 Jun;84(6):516–20

Alterations in fibronectin distribution in oral mucosal vesiculo-bullous lesions. Jonsson R, et al. **J Oral Pathol** 1985 Feb;14(2):141–9

Distribution of fibronectin and laminin in oral leukoplakia and carcinoma. Meyer JR, et al. **J Oral Pathol** 1985 Mar;14(3):247–55

Immunohistochemical localization of macromolecules of the basement membrane and the peritumoral stroma in human laryngeal carcinomas. Cam Y, et al. **J Pathol** 1984 Sep;144(1):35–44

Ultrastructural distribution of fibronectin in normal and fibrotic human lung. Torikata C, et al. **Lab Invest** 1985 Apr;52(4):399–408

Fibrionecin, a marker for malignant ascites [letter] Deverbizier G, et al. **Lancet** 1984 Nov 10;2(8411):1104

Isolation of tyrosine-O-sulfate by Pronase hydrolysis from fibronectin secreted by Fujinami sarcoma virus-infected rat fibroblasts. Liu MC, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):34–7

Distribution of fibronectin and other connective tissue components in human placenta. Isemura M, et al. **Tohoku J Exp Med** 1985 Apr;145(4):373–9

Extraction of fibronectin from human normal and cirrhotic livers. Isemura M, et al. **Tohoku J Exp Med** 1984 Oct;144(2):217–8

In vivo demonstration of cytoplasmic fibronectin in human breast carcinomas. Christensen L, et al. **Virchows Arch** [A] 1985;407(3):337–46

[Diagnosis and prognosis of breast lesions. Value of 3 immunological markers: fibronectin, carcinoembryonic antigen and bovine lactalbumin. Study of 40 cases] Canioni D, et al. **Arch Anat Cytol Pathol** 1984;32(4):235–42 (Eng. Abstr.) **(Fre)**

[Amniotic fibronectin in normal pregnancy and pregnancy with fetal anencephaly] Ruelland A, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):305–8 (Eng. Abstr.) **(Fre)**

[Plasma and synovial fibronectin. Results of personal research] Lecocq J, et al. **Rev Rhum Mal Osteoartic** 1984 Jul–Sep;51(7–8):393–8 (Eng. Abstr.) **(Fre)**

[Distribution of specific collagen types and fibronectin in normal and keratoconus corneas] Tsuchiya S, et al. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):270–8 (Eng. Abstr.) **(Jpn)**

[Distribution of fibronectin and other plasma proteins in gastric cancer tissues: investigation of mechanisms of desmoplasia of the stroma] Maeda M. **Nippon Geka Gakkai Zasshi** 1984 Nov;85(11):1454–63 (Eng. Abstr.) **(Jpn)**

[Fibronectin in cultured mouse sarcoma cells induced by foreign bodies] Liubimov AV, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):339–41 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Biologically active synthetic peptides as probes of embryonic development: a competitive peptide inhibitor of fibronectin function inhibits gastrulation in amphibian embryos and neural crest cell migration in avian embryos. Boucaut JC, et al. **J Cell Biol** 1984 Nov;99(5):1822–30

BIOSYNTHESIS

Synthesis, secretion, and deposition of fibronectin in cultured human synovium. Lavietes BB, et al. **Arthritis Rheum** 1985 Sep;28(9):1016–26

Growth characteristics of human first trimester decidual cells cultured in serum-free medium: production of prolactin, prostaglandins and fibronectin. Hochner-Celnikier D, et al. **Biol Reprod** 1984 Nov;31(4):827–36

Studies on the tumour promoter-induced release of fibronectin from human lung fibroblasts, and its counteraction by retinoic acid. Zerlauth G, et al. **Carcinogenesis** 1985 Apr;6(4):531–4

Biosynthesis of laminin and fibronectin by rat satellite cells during myogenesis in vitro. Hantaï D, et al. **Cell Biol Int Rep** 1985 Jul;9(7):647–54

Fibronectin synthesis during oogenesis and early development of the amphibian Pleurodeles waltlii. Darribère T, et al. **Cell Differ** 1984 Aug;14(3):171–7

Studies on fibronectin in inflammatory vs non-inflammatory polymorphonuclear leucocytes of patients with rheumatoid arthritis. II. Synthesis and release of fibronectin in vitro. Menard C, et al. **Clin Exp Immunol** 1985 May;60(2):347–54

Mononuclear cell-conditioned medium containing mononuclear cell factor (MCF), homologous with interleukin 1, stimulates collagen and fibronectin synthesis by adherent rheumatoid synovial cells: effects of prostaglandin E2 and indomethacin. Krane SM, et al. **Coll Relat Res** 1985 Mar;5(2):99–117

Nonenzymatic glycation of fibronectin and alterations in the molecular association of cell matrix and basement membrane components in diabetes mellitus. Tarsio JF, et al. **Diabetes** 1985 May;34(5):477–84

Control of fibronectin synthesis by rat granulosa cells in culture. Skinner MK, et al. **Endocrinology** 1984 Nov;115(5):2029–31

Changes in fibronectin synthesis and binding distribution in SV40-transformed human keratinocytes. Edelman B, et al. **Int J Cancer** 1985 Feb 15;35(2):219–25

Cellular origin of fibronectin in interspecies hybrid kidneys. Sariola H, et al. **J Cell Biol** 1984 Dec;99(6):2099–107

Butyrate stimulates fibronectin synthesis in cultured rabbit cornea. Tanaka H, et al. **J Cell Physiol** 1985 May;123(2):191–6

Mouse immune interferon enhances fibronectin production of elicited macrophages. Cofano F, et al. **J Immunol** 1984 Dec;133(6):3102–6

Fibronectin production by cultured keratinocytes [letter] Brown KW, et al. **J Invest Dermatol** 1985 Apr;84(4):285

Plasma fibronectin response to sepsis: mobilization or synthesis? Velky TS, et al. **J Trauma** 1984 Sep;24(9):824–9

Herpes simplex virus type 1 infection of endothelium reduces collagen and fibronectin synthesis. Macarak EJ, et al. **Lab Invest** 1985 Sep;53(3):280–6

Products of cultured neuroglial cells: II. The production of fibronectin by C6 glioma cells. Baldwin JR, et al. **Neurochem Res** 1985 May;10(5):601–10

[Cell-anchoring proteins, fibronectin and laminin] Vaheri A. **Duodecim** 1985;101(3):238–46 **(Fin)**

[Fibronectin production in cultured rabbit cornea—effects of mouse epidermal growth factor and cAMP analogs] Nishida T, et al. **Nippon Ganka Gakkai Zasshi** 1984 Aug;88(8):1142–6 (Eng. Abstr.) **(Jpn)**

[Changes in fibronectin biosynthesis in human embryonal fibroblasts with trisomy for chromosomes 7 and 9] Belkin VM, et al. **Vopr Med Khim** 1985 Jan–Feb;31(1):125–30 (Eng. Abstr.) **(Rus)**

BLOOD

Plasma fibronectin contributes to fibronectin in tissues. Gauperaa T, et al. **Acta Chir Scand** 1985;151(3):193–9

Raised plasma fibronectin concentration is related to the presence of diabetic retinopathy. De Giorgio LA, et al. **Acta Diabetol Lat** 1984 Jul–Sep;21(3):251–6

Fibronectin in cryoimmunoglobulinaemias. Cseh K, et al. **Allergol Immunopathol (Madr)** 1984 Nov–Dec;12(6):483–8

Alterations in plasma-, monocyte-, and lymphocyte-associated fibronectin during cardiopulmonary bypass surgery. Keren G, et al. **Am J Clin Pathol** 1985 May;83(5):629–33

Decreased plasma fibronectin levels in children with hemolytic-uremic syndrome. Cosio FG, et al. **Am J Med** 1985 Apr;78(4):549–54

Plasma fibronectin as a marker for cancer and other diseases. Zerlauth G, et al. **Am J Med** 1984 Oct;77(4):685–9 (68 ref.)

Plasma fibronectin levels in preeclampsia: a possible biochemical marker for vascular endothelial damage. Stubbs TM, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):885–7

Plasma fibronectin concentrations in dogs with disseminated intravascular coagulation. Feldman BF, et al. **Am J Vet Res** 1985 May;46(5):1171–4

Measurement of canine plasma fibronectin by rocket immunoelectrophoresis. O'Neill SL, et al. **Am J Vet Res** 1985 May;46(5):1175–7

Fibronectin. A new nutritional parameter. McKone TK, et al. **Am Surg** 1985 Jun;51(6):336–9

Lung vascular injury with protease infusion. Relationship to plasma fibronectin. Cohler LF, et al. **Ann Surg** 1985 Aug;202(2):240–7

Preparation of functionally intact monomers by limited disulfide reduction of human plasma fibronectin dimers. Homandberg GA, et al. **Arch Biochem Biophys** 1985 May 1;238(2):652–63

Fibronectin in children with diabetes mellitus. Muhar U, et al. **Arch Dis Child** 1984 Oct;59(10):992–4

Plasma fibronectin response to Escherichia coli and hemoglobin. Velky TS, et al. **Arch Surg** 1985 Feb;120(2):142–5

Subunit interactions in human plasma fibronectin. Robinson RM, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):718–25

Secondary structure of human plasma fibronectin: conformational change induced by calf alveolar heparan sulfates. Osterlund E, et al. **Biochemistry** 1985 May 21;24(11):2661–7

Similarity of the carbohydrate moieties of fibronectins derived from blood plasma and synthesised by cultured endothelial cells. Hannan GN, et al. **Biochim Biophys Acta** 1984 Oct 16;801(3):396–402

Fibronectin binding to thrombin-stimulated platelets: evidence for fibrin(ogen) independent and dependent pathways. Plow EF, et al. **Blood** 1985 Jul;66(1):26–32

Fibronectin plasma levels after cadaver kidney transplantation. Seitz R, et al. **Blut** 1985 Jan;50(1):35–43

Fibronectin C in acute leukaemia [letter] Nalli G, et al. **Br J Haematol** 1985 May;60(1):198–200

Plasma fibronectin in idiopathic myelofibrosis [letter] Vellenga E, et al. **Br J Haematol** 1985 Jul;60(3):583–4

Plasma fibronectin and complement in surgical patients. Chadwick SJ, et al. **Br J Surg** 1984 Sep;71(9):718–20

Fibronectin, complement and immunoglobulins in serum after surgery. Gauperaa T, et al. **Br J Surg** 1985 Jan;72(1):59–62

Plasma fibronectin concentrations in patients with severe burn injury. Eriksen HO, et al. **Burns Incl Therm Inj** 1984 Aug;10(6):422–6

Compared evolution of plasma fibronectin and angiotensin-converting enzyme levels in septic ARDS. Fourrier F, et al. **Chest** 1985 Feb;87(2):191–5

Rate-nephelometric determination of fibronectin in plasma. van Helden WC, et al. **Clin Chem** 1985 Jul;31(7):1182–4

Clinical studies on plasma fibronectin and factor XIII; with special reference to hyperlipoproteinemia. Cucuianu M, et al. **Clin Chim Acta** 1985 Apr 30;147(3):273–81

Plasma fibronectin in various hemopathic diseases. de Russé J, et al. **Clin Chim Acta** 1985 Jan 15;145(1):49–57

Plasma fibronectin, factor VIII-related antigen and fibrinogen concentrations, and diabetic retinopathy. Davis TM, et al. **Diabete Metab** 1985 Jun;11(3):147–51

Abnormal endothelial release of fibrinolytic activity and fibronectin in diabetic microangiopathy. Haitas B, et al. **Diabetologia** 1984 Nov;27(5):493–6

Thrombospondin interactions with fibronectin and fibrinogen. Mutual inhibition in binding. Lahav J, et al. **Eur J Biochem** 1984 Nov 15;145(1):151–6

Plasma fibronectin concentrations in healthy and septic infants. Domula M, et al. **Eur J Pediatr** 1985 May;144(1):49–52

Identification and quantitation of O-phosphoserine in human plasma fibronectin. Etheredge RE, et al. **FEBS Lett** 1985 Jul 8;186(2):259–62

Conformational state of circulating human plasma fibronectin. Rocco M, et al. **FEBS Lett** 1984 Dec 10;178(2):327–30

Prognostic value of serum fibronectin concentration in alcoholic cirrhotic patients. Naveau S, et al. **Hepatology** 1985 Sep–Oct;5(5):819–23

Effect of endotoxin on fibronectin and Kupffer cell activity. Richards PS, et al. **Hepatology** 1985 Jan–Feb;5(1):32–7

Fibronectin on the surface of human lymphocytes. Cseh K, et al. **Immunol Lett** 1985;9(6):301–5

Low plasma fibronectin after drowning. Hansen LK, et al. **Intensive Care Med** 1985;11(2):100–2

Plasma fibronectin levels in various clinical conditions. Quitt M, et al. **Isr J Med Sci** 1985 May;21(5):451–3

Primary structure of a glycosylated DNA-binding domain in human plasma fibronectin. Pande H, et al. **J Biol Chem** 1985 Feb 25;260(4):2301–6

Plasma fibronectin and thyroid function. Graninger W, et al. **J Clin Pathol** 1985 Jan;38(1):64–7

Hemagglutination assay for human serum fibronectin. Bălună RG, et al. **J Immunol Methods** 1985 May 10;79(1):65–70

Abnormal plasma fibronectin levels in patients with proteinuria. Cosio FG, et al. **J Lab Clin Med** 1984 Dec;104(6):867–72

Measurement of plasma fibronectin in patients who develop the adult respiratory distress syndrome. Maunder RJ, et al. **J Lab Clin Med** 1984 Oct;104(4):583–90

Different fibronectin concentrations in plasma samples drawn from the affected and unaffected arms of a pagetic patient. Cutolo M, et al. **J Rheumatol** 1985 Feb;12(1):176–8

The effects of malnutrition on serum fibronectin and reticuloendothelial function. Soper NJ, et al. **J Surg Res** 1984 Dec;37(6):431–6

Influence of total parenteral nutrition on plasma fibronectin in malnourished subjects with or without inflammatory response. Sandstedt S, et al. **JPEN** 1984 Sep–Oct;8(5):493–6

The response of fibronectin to differing parenteral caloric sources in normal man. Horowitz GD, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul–Aug;9(4):435–8

Plasma fibronectin concentrations in hemodialyzed patients. Influence of different dialyzers. Schena FP, et al. **Life Support Syst** 1985 Jan–Mar;3(1):83–5

Plasma fibronectin in patients with brain tumors. Sawaya R, et al. **Neurosurgery** 1985 Feb;16(2):161–5

The relationship between plasma fibronectin levels and autoimmune disease activity in MRL/l mice. Connolly K, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):149–54

Differences between plasma and synovial fluid fibronectin. Scott DL, et al. **Rheumatol Int** 1985;5(2):49–54

Decrease of plasma fibronectin concentration following infusion of a gelatin-based plasma substitute in man. Brodin B, et al. **Scand J Clin Lab Invest** 1984 Oct;44(6):529–33

Determination of activated plasma fibronectin using radioactive labelled collagen I. Fenger M. **Scand J Clin Lab Invest** 1984 Oct;44(6):541–7

Plasma fibronectin in relation to surgical trauma. Högström H, et al. **Scand J Clin Lab Invest** 1985 Feb;45(1):87–9

Plasma fibronectin is initially decreased during septicemia. Ahlgren T, et al. **Scand J Infect Dis** 1985;17(1):107–12

Changes in plasma fibronectin levels after cardiac and pulmonary surgery: role of cardiopulmonary bypass. Pourrat E, et al. **Scand J Thorac Cardiovasc Surg** 1985; 19(1):63-7

Opsonic fibronectin after operation or trauma: effect of hemodilution and duration of operation. Richards WO, et al. **South Med J** 1984 Oct;77(10):1243-7

Plasma fibronectin, albumin, IgM and total protein during cardiopulmonary bypass. Miholic J, et al. **Thorac Cardiovasc Surg** 1985 Jun;33(3):176-8

Elevated plasma fibronectin during venous occlusion [letter] Cierniewski CS, et al. **Thromb Haemost** 1985 Feb 18; 53(1):157

Plasma fibronectin levels in clinical disease states and after cryoprecipitate infusion. Ragni MV, et al. **Thromb Haemost** 1984 Dec 29;52(3):321-4

Plasma fibronectin concentration in patients with acquired consumptive coagulopathies. Cembrowski GS, et al. **Thromb Res** 1984 Dec 1;36(5):437-45

Fibronectin-complex (FN-C) present in normal plasma. Marrink J, et al. **Thromb Res** 1985 Mar 15;37(6):689-92

The role of fibronectin in factor VIII/von Willebrand factor cryoprecipitation. Mazurier C, et al. **Thromb Res** 1985 Mar 15;37(6):651-8

Plasmaleukapheresis decreases fibronectin and alpha-1-antitrypsin concentrations in patients with acute renal transplant rejection. Gelfand MC, et al. **Trans Am Soc Artif Intern Organs** 1984;30:244-7

A new assay for fibronectin opsonic activity and its application to plasma and plasma fractions. Chang MD, et al. **Vox Sang** 1985;48(4):217-28

The assay of fibronectin in blood products. Fergusson MJ, et al. **Vox Sang** 1985;48(1):60-2

[Plasma fibronectin during premedication, anesthesia and surgery] Mickley H, et al. **Ugeskr Laeger** 1984 May 21; 146(21):1561-3 (Eng. Abstr.) **(Dan)**

[Postoperative changes in plasma fibronectin. Influence of the type of anesthesia] Delalande JP, et al. **Ann Fr Anesth Reanim** 1985;4(4):387-8 **(Fre)**

[Preoperative denutrition: is the assay of fibronectin a good marker in cancer patients? (letter)] Delalande JP, et al. **Presse Med** 1985 Jun 1;14(22):1244 **(Fre)**

[Severe drop in plasma fibronectin in severe forms of Plasmodium falciparum malaria (letter)] Soulier JP, et al. **Presse Med** 1985 May 25;14(21):1199-200 **(Fre)**

[Effect of hemodilution with plasma protein solution and hydroxyethyl starch on plasma fibronectin] Khosropour R, et al. **Anasth Intensivther Notfallmed** 1984 Aug; 19(4):175-8 (Eng. Abstr.) **(Ger)**

[Prognostic significance of plasmatic concentration of fibronectin in patients with bronchial carcinoma] Leonardo E, et al. **Minerva Med** 1985 May 12;76(19-20):933-5 (Eng. Abstr.) **(Ita)**

[Effect of human EGF and plasma fibronectin on corneal epithelial regeneration] Kawaba T, et al. **Nippon Ganka Gakkai Zasshi** 1984 Sep;88(9):1237-49 (Eng. Abstr.) **(Jpn)**

[Plasma fibronectin in inflammatory bowel disease] Kikuchi T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Apr; 82(4):599-602 (Eng. Abstr.) **(Jpn)**

[Comparative study of the proteolytic products of fibronectins in the serum of adult and embryonic animals formed under the effects of proteinases of the spleen] Zlatopol'skii AD, et al. **Biokhimiia** 1984 Sep;49(9):1418-24 (Eng. Abstr.) **(Rus)**

[Fibronectin of blood plasma] Fedorov NA, et al. **Gematol Transfuziol** 1985 May;30(5):43-8 **(Rus)**

[Fibronectin level in coronary sinus blood in myocardial ischemia caused by atrial stimulation] Panchenko EP, et al. **Kardiologiia** 1984 Oct;24(10):15-9 (Eng. Abstr.) **(Rus)**

[Dynamics of blood fibronectin in patients with myocardial infarct] Titov VN, et al. **Lab Delo** 1985;(4):197-202 (Eng. Abstr.) **(Rus)**

[Biological role and diagnostic significance of blood fibronectin] Titov VN, et al. **Lab Delo** 1984;(10):579-87 (39 ref.) **(Rus)**

[Changes in the serum fibronectin level and reticuloendothelial system function in burns and thermal radiation lesions] Budagov RS, et al. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):27-9 (Eng. Abstr.) **(Rus)**

[Changes in the concentration of serum fibronectin in irradiated animals] Budagov RS, et al. **Radiobiologiia** 1985 Mar-Apr;25(2):265-7 (Eng. Abstr.) **(Rus)**

[Dynamics of blood fibronectin level in myocardial infarction] Titov VN, et al. **Ter Arkh** 1985;57(5):47-52 (Eng. Abstr.) **(Rus)**

[Blood fibronectin: its biological role and diagnostic significance] Titov VN, et al. **Ter Arkh** 1984;56(7):147-9 (30 ref.) **(Rus)**

[Cryoprecipitates and fibronectins] Martín Mola E. **Med Clin (Barc)** 1984 Oct 6;83(10):417-9 **(Spa)**

[Presence of fibronectin in cryoprecipitates of essential mixed cryoglobulinemia] Rodrigo MJ, et al. **Med Clin (Barc)** 1984 Oct 6;83(10):404-6 (Eng. Abstr.) **(Spa)**

[Fibronectin and hepatic cholestasis] Llena Puy MC, et al. **Rev Clin Esp** 1984 Oct 31;175(2):63-5 (Eng. Abstr.) **(Spa)**

[Plasma fibronectin in acute myeloid leukemia] García Frade LJ, et al. **Sangre (Barc)** 1984;29(4-A):376-83 (Eng. Abstr.) **(Spa)**

GENETICS

Human cellular fibronectin: comparison of the carboxyl-terminal portion with rat identifies primary structural domains separated by hypervariable regions. Bernard MP, et al. **Biochemistry** 1985 May 21; 24(11):2698-704

Pleiotropic mutants of NIH 3T3 cells with altered regulation in the expression of both type I collagen and fibronectin. Setoyama C, et al. **Cell** 1985 May;41(1):201-9

Fibronectin: a versatile gene for a versatile protein. Hynes RO, et al. **Ciba Found Symp** 1984;108:75-92

Primary structure of human fibronectin: differential splicing may generate at least 10 polypeptides from a single gene. Kornblihtt AR, et al. **EMBO J** 1985 Jul;4(7):1755-9

Expression of a human alpha-globin/fibronectin gene hybrid generates two mRNAs by alternative splicing. Vibe-Pedersen K, et al. **EMBO J** 1984 Nov;3(11):2511-6

Isolation and characterization of cDNA clones for human liver fibronectin. Umezawa K, et al. **FEBS Lett** 1985 Jul 1;186(1):31-4

Absence of genetic polymorphism of human plasma fibronectin studied by immunoelectrophoresis. Rocha GA, et al. **Hum Hered** 1984;34(5):334-6

Multiple fibronectin subunits and their post-translational modifications. Paul JI, et al. **J Biol Chem** 1984 Nov 10; 259(21):13477-87

Comparisons of evolutionarily distinct fibronectins: evidence for the origin of plasma and fibroblast cellular fibronectins from a single gene. Akiyama SK, et al. **J Cell Biochem** 1985;27(2):97-107

Control of types I and II collagen and fibronectin gene expression in chondrocytes delineated by viral transformation. Allebach ES, et al. **Mol Cell Biol** 1985 May; 5(5):1002-8

On the origin of species of fibronectin. Schwarzbauer JE, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1424-8

IMMUNOLOGY

Immunization of mice with the fibronectin-binding protein and clumping factor from Staphylococcus aureus: antibody response and resistance against intraperitoneal infection. Espersen F, et al. **Acta Pathol Microbiol Immunol Scand** [C] 1985 Apr; 93(2):53-8

Detection of autoantibodies and glomerular injury in rabbits immunized with denatured human fibronectin monomer. Murphy-Ullrich JE, et al. **Am J Pathol** 1984 Oct; 117(1):1-11

Fibronectin binding to complement subcomponent C1q. Localization of their respective binding sites. Sorvillo J, et al. **Biochem J** 1985 Feb 15;226(1):207-15

Studies on fibronectin in inflammatory vs non-inflammatory polymorphonuclear leucocytes of patients with rheumatoid arthritis. I. Immunofluorescent and flow cytometric analysis. Beaulieu AD, et al. **Clin Exp Immunol** 1985 May; 60(2):339-46

Immunolocalization of collagen types, laminin and fibronectin in the normal human pancreas. Uscanga L, et al. **Digestion** 1984;30(3):158-64

Monoclonal antibody against human fibronectin which inhibits cell attachment. Schoen RC, et al. **Hybridoma** 1982; 1(2):99-108

Identification with monoclonal antibodies of different regions of human plasma fibronectin, including that which interacts with human monocyte fibronectin receptors. Czop JK, et al. **Immunology** 1985 Mar;54(3):407-17

A key role for fibronectin in the sequential binding of native dsDNA and monoclonal anti-DNA antibodies to components of the extracellular matrix: its possible significance in glomerulonephritis. Lake RA, et al. **Immunology** 1985 Feb;54(2):389-95

Role of fibronectin in human monocyte and macrophage bactericidal activity. Proctor RA, et al. **Infect Immun** 1985 Mar;47(3):629-37

Binding of antibodies in liposomes to extracellular matrix antigens. Torchilin VP, et al. **J Cell Biochem** 1985; 28(1):23-9

Monoclonal antibodies that distinguish between human cellular and plasma fibronectin. Keen J, et al. **Mol Biol Med** 1984 Feb;2(1):15-27

Inhibition of platelet aggregation by a monoclonal antibody against human fibronectin. Dixit VM, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3844-8

Demonstration of fibronectin associated with platelets in synovial fluid from patients with rheumatoid arthritis. Endresen GK. **Scand J Rheumatol** 1984;13(4):351-6

[Immuno-oncologic monitoring of patients with bronchial carcinoma. II. Plasma fibronectin determination] Mancuso M, et al. **Minerva Med** 1985 Jan 28;76(3-4):85-90 (Eng. Abstr.) **(Ita)**

ISOLATION & PURIFICATION

Identification of fibronectin in preparations of osteoarthritic human cartilage. Miller DR, et al. **Connect Tissue Res** 1984; 12(3-4):267-75

Isolation and characterization of fibronectin from baboon plasma. Thoman PJ, et al. **Connect Tissue Res** 1985; 13(2):135-43

Elution of fibronectin proteolytic fragments from a hydroxyapatite chromatography column. A simple procedure for the purification of fibronectin domains. Zardi L, et al. **Eur J Biochem** 1985 Feb 1;146(3):571-9

Isolation and characterization of human placenta fibronectin. Isemura M, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):163-9

Interaction between fluorescence-labeled fibronectin fragments studied by gel high-performance liquid chromatography. Homandberg GA, et al. **J Chromatogr** 1985 Jun 26;327:343-9

Separation of plasma fibronectin from associated hemegglutinating activity by elution from gelatin-agarose at pH 5.5. Smith RL, et al. **Thromb Res** 1985 Jan 1; 37(1):91-101

METABOLISM

Fibronectin distribution in nailfold biopsies of scleroderma (systemic sclerosis) patients. Chen ZY, et al. **Acta Derm Venereol (Stockh)** 1985;65(3):185-9

Immunohistochemical localisation of macromolecules of the basement membrane and extracellular matrix of human gliomas and meningiomas. Bellon G, et al. **Acta Neuropathol (Berl)** 1985;66(3):245-52

Immunohistochemical study of fibronectin in hemangioblastomas and hemangiopericytomas. Kochi N, et al. **Acta Neuropathol (Berl)** 1984;64(3):229-33

Fibronectin in tears following surgical trauma to the eye. Jensen OL, et al. **Acta Ophthalmol (Copenh)** 1985 Jun; 63(3):346-50

Cell surface fibronectin on peripheral blood lymphocytes in normal individuals and in patients with acute and chronic lymphocytic leukemia and non Hodgkin's lymphoma. Cseh K, et al. **Allergol Immunopathol (Madr)** 1985 Jan-Feb; 13(1):35-40

Extracellular matrix proteins (fibronectin, laminin, and type IV collagen) bind and aggregate bacteria. Vercellotti GM, et al. **Am J Pathol** 1985 Jul;120(1):13-21

Distribution of fibronectin during the morphogenesis of the truncus. Icardo JM. **Anat Embryol (Berl)** 1985; 171(2):193-200

Distribution of fibronectin on the migratory pathway of primordial germ cells in mice. Fujimoto T, et al. **Anat Rec** 1985 Mar;211(3):271-8

The localization of laminin and fibronectin on the Schwann cell basal lamina. Tohyama K, et al. **Arch Histol Jpn** 1984 Nov;47(5):519-32

The immunoreactivity, ligand, and cell binding characteristics of rheumatoid synovial fluid fibronectin. Carsons S, et al. **Arthritis Rheum** 1985 Jun;28(6):601-12

Fibronectin--a plasmin-sensitive glycoprotein of the transit zone: protection by aprotinin. Heine H, et al. **Arzneimittelforsch** 1984;34(6):696-8

Content and localization of fibronectin in normal intima, atherosclerotic plaque, and underlying media of human aorta. Orekhov AN, et al. **Atherosclerosis** 1984 Nov; 53(2):213-9

The PDC-109 protein from bovine seminal plasma is similar to the gelatin-binding domain of bovine fibronectin and a kringle domain of human tissue-type plasminogen activator. Baker ME. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1010-4

Binding of heparin fractions and other polysulfated polysaccharides to plasma fibronectin: effects of molecular size and degree of sulfation of polysaccharides. Ogamo A, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):30-41

Comparison of secretion and subcellular localization of von Willebrand protein with that of thrombospondin and fibronectin in cultured human vascular endothelial cells. Reinders JH, et al. **Biochim Biophys Acta** 1985 Mar 21; 844(3):306-13

Studies on human fibronectin and liposomal encapsulated forms in rats and rabbits. Michelson AM, et al. **Biochimie** 1984 Jun;66(6):437-44

Aggregation and fibril formation of plasma fibronectin by heparin. Richter H, et al. **Biol Chem Hoppe Seyler** 1985 May;366(5):509-14

Assembly of fibronectin-containing extracellular matrix: a glimpse of the machinery. Mosher DF, et al. **Biopolymers** 1985 Jan;24(1):199-210 (73 ref.)

Stellate fibrin-fibronectin microclot formation from keratinocytes and fibroblasts stimulated by plasma from patients with psoriasis. Juhlin L, et al. **Br J Dermatol** 1985 Mar;112(3):271-6

Interaction of fibronectin with its receptor on platelets. Gardner JM, et al. **Cell** 1985 Sep;42(2):439-48

Cellular origin of collagen and fibronectin in the liver. Clément B, et al. **Cell Mol Biol** 1984;30(5):489-96

Fibronectin and its relation to the basal lamina and to the cell surface in the chicken blastoderm. Harrisson F, et al. **Cell Tissue Res** 1985;241(2):391-7

Reichert's membrane as a model for studying the biosynthesis and assembly of basement membrane components. Hogan BL, et al. **Ciba Found Symp** 1984;108:60-74

Cross-immunoelectrophoretic analysis of heparin and gelatin binding capacity of fibronectin. Mazurier C, et al. **Clin Lab Haematol** 1984;6(2):193-7

Plasma and tissue fibronectin in diabetes. Labat-Robert J, et al. **Clin Physiol Biochem** 1984;2(1):39-48

Changes in the distribution of laminin, fibronectin, type IV collagen and heparan sulfate proteoglycan during colony formation by chick retinal pigment epithelial cells in vitro. Turksen K, et al. **Coll Relat Res** 1984 Dec;4(6):413-26

Fibronectin, laminin, type I, III and IV collagens in Duchenne's muscular dystrophy, congenital muscular dystrophies and congenital myopathies: an immunocytochemical study. Hantaï D, et al. **Connect Tissue Res** 1985;13(4):273-81

Inhibition of fibronectin binding to matrix components by nonenzymatic glycosylation. Cohen MP, et al. **Diabetes** 1984 Oct;33(10):970-4

Epithelio-mesenchymal interface and fibronectin in the differentiation of the rat mesonephric and paramesonephric ducts. Paranko J, et al. **Differentiation** 1984;27(3):196-204

Interaction of fibronectin with C1q and collagen. Effects of ionic strength and denaturation of the collagenous component. Ingham KC, et al. **Eur J Biochem** 1985 Apr 15;148(2):219-24

Organization of cytoskeleton and fibronectin matrix in Rous sarcoma virus (RSV)-transformed fibroblast lines with different metastatic potential. Di Renzo MF, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):85-96

Localization of the fibronexus at the surface of granulation tissue myofibroblasts using double-label immunogoid electron microscopy on ultrathin frozen sections. Singer II, et al. **Eur J Cell Biol** 1985 Jul;38(1):94-101

Complementary adhesive responses of human skin fibroblasts to the cell-binding domain of fibronectin and the heparan sulfate-binding protein, platelet factor-4. Beyth RJ, et al. **Exp Cell Res** 1984 Dec;155(2):537-48

Reversibility of monensin inhibition of oligosaccharide processing of human fibronectin. Sai S, et al. **Exp Cell Res** 1984 Oct;154(2):402-11

Neurite extension by neuroblastoma cells on substratum-bound fibronectin's cell-binding fragment but not on the heparan sulfate-binding protein, platelet factor-4. Tobey SL, et al. **Exp Cell Res** 1985 Jun; 158(2):395-412

Analysis of phosphorylation sites on fibronectin. Ali IU. **FEBS Lett** 1984 Oct 15;176(1):169-75

Studies of extracellular fibronectin matrix formation with fluoresceinated fibronectin and fibronectin fragments. Chernousov MA, et al. **FEBS Lett** 1985 Apr 22; 183(2):365-9

Close and focal contact adhesions of fibroblasts to a fibronectin-containing matrix. Lark MW, et al. **Fed Proc** 1985 Feb;44(2):394-403 (41 ref.)

Fibronectin mediated human gingival fibroblasts attachment to bone. Arisawa Y, et al. **Gen Pharmacol** 1984;15(4):293-9

Interactions of fibronectin with Treponema pallidum. Fitzgerald TJ, et al. **Genitourin Med** 1985 Jun;61(3):147-55

Fibronectin of the chorioretinal interface in the monkey: immunohistochemical and immunoelectron microscopic studies. Ishibashi T, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(3):158-63

Fibronectin in basement membrane of Hertwig's epithelial sheath. Light and electron immunohistochemical localization. Andujar MB, et al. **Histochemistry** 1984; 81(3):279-82

Fibronectin in leprosy lesions: observations using monoclonal antibodies to human fibronectin. Narayanan RB, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):532-9

Binding of fibronectin to human buccal epithelial cells inhibits the binding of type 1 fimbriated Escherichia coli. Simpson WA, et al. **Infect Immun** 1985 May;48(2):318-23

C1q, a subunit of the first component of complement, enhances binding of plasma fibronectin to bacteria. Sorvillo JM, et al. **Infect Immun** 1985 Sep;49(3):664-9

Patterns of fibronectin deposition in normal and neoplastic fibroblasts and mammary tissue. Friedman R, et al. **Int J Tissue React** 1984;6(4):291-301

The interaction of plasma fibronectin with fibroblastic cells in suspension. Akiyama SK, et al. **J Biol Chem** 1985 Apr 10;260(7):4492-500

Synthetic peptides competitively inhibit both direct binding to fibroblasts and functional biological assays for the purified cell-binding domain of fibronectin. Akiyama SK, et al. **J Biol Chem** 1985 Sep 5;260(19):10402-5

Heparin binding is necessary, but not sufficient, for fibronectin aggregation. A fluorescence polarization study. Bentley KL, et al. **J Biol Chem** 1985 Jun 25;260(12):7250-6

Interaction of gelatin with a fluorescein-labeled 42-kDa chymotryptic fragment of fibronectin. Forastieri H, et al. **J Biol Chem** 1985 Sep 5;260(19):10546-50

Binding of Escherichia coli to fibronectin. A mechanism of tissue adherence. Fröman G, et al. **J Biol Chem** 1984 Dec 10;259(23):14899-905

Inhibition of fibronectin binding to platelets by proteolytic fragments and synthetic peptides which support fibroblast adhesion. Ginsberg M, et al. **J Biol Chem** 1985 Apr 10; 260(7):3931-6

Demonstration of high affinity fibronectin receptors on rat hepatocytes in suspension. Johansson S. **J Biol Chem** 1985 Feb 10;260(3):1557-61

Human plasma gelsolin binds to fibronectin. Lind SE, et al. **J Biol Chem** 1984 Nov 10;259(21):13262-6

Mechanism of formation of disulfide-bonded multimers of plasma fibronectin in cell layers of cultured human fibroblasts. McKeown-Longo PJ, et al. **J Biol Chem** 1984 Oct 10;259(19):12210-5

Fibronectin and fibrin gel structure. Okada M, et al. **J Biol Chem** 1985 Feb 10;260(3):1811-20

Polylactosamine glycosylation on human fetal placental fibronectin weakens the binding affinity of fibronectin to gelatin. Zhu BC, et al. **J Biol Chem** 1985 Apr 10; 260(7):4041-5

The early appearance of fibronectin in the course of metastatic tumor growth in lymph nodes. Lorke D, et al. **J Cancer Res Clin Oncol** 1985;109(1):65-71

Distribution of fibronectin and laminin in human liver tumors. Szendröi M, et al. **J Cancer Res Clin Oncol** 1985;109(1):60-4

Interaction of the 70,000-mol-wt amino-terminal fragment of fibronectin with the matrix-assembly receptor of fibroblasts. McKeown-Longo PJ, et al. **J Cell Biol** 1985 Feb;100(2):364-74

Collagen can modulate cell interactions with fibronectin. Nagata K, et al. **J Cell Biol** 1985 Aug;101(2):386-94

Fluorescent gangliosides as probes for the retention and organization of fibronectin by ganglioside-deficient mouse cells. Spiegel S, et al. **J Cell Biol** 1985 Mar;100(3):721-6

1 alpha, 25-dihydroxyvitamin D3 specific regulation of growth, morphology, and fibronectin in a human osteosarcoma cell line. Franceschi RT, et al. **J Cell Physiol** 1985 Jun;123(3):401-9

Role of factor VIII-von Willebrand factor and fibronectin in the interaction of platelets in flowing blood with monomeric and fibrillar human collagen types I and III. Houdijk WP, et al. **J Clin Invest** 1985 Feb;75(2):531-40

Human fibronectin metabolism. Pussell BA, et al. **J Clin Invest** 1985 Jul;76(1):143-8

Distribution of fibronectin and laminin in normal and pathological lymphoid tissue. Reilly JT, et al. **J Clin Pathol** 1985 Aug;38(8):849-54

Immunohistological localization of collagen (I and III) and fibronectin in inflamed and non-inflamed gingival connective tissue and sulcular fluid of beagle dogs. Cho MI, et al. **J Periodont Res** 1984 Nov;19(6):638-41

Altered characteristics of B16 melanoma cells induced by chemically crosslinking fibronectin to cell surfaces. Bowersox JC, et al. **J Surg Oncol** 1985 May;29(1):11-4

Transformation-associated increase of adhesion, cellular fibronectin, and stress fiber development in a liver epithelial cell line. Junker JL, et al. **JNCI** 1985 Jan;74(1):173-83

Different synovial fluid fibronectin levels in rheumatoid variants. Goebel KM, et al. **Klin Wochenschr** 1984 Aug 16;62(16):768-72

Fibronectin distribution on the surfaces of young and old human fibroblasts. Edick GF, et al. **Mech Ageing Dev** 1984 Oct 15;27(2):249-56

Ability of various oral bacteria to bind human plasma fibronectin. Imai S, et al. **Microbiol Immunol** 1984; 28(8):863-71

Degradation of human fibronectin by strains of E. coli K12 carrying R factors from Klebsiella pneumoniae. Mignatti P, et al. **Microbiologica** 1985 Jan;8(1):67-71

Local degradation of fibronectin at sites of expression of the transforming gene product pp60src. Chen WT, et al. **Nature** 1985 Jul 11-17;316(6024):156-8

Comparative distribution patterns of type I and III collagens and fibronectin in human arteriosclerotic aorta. Labat-Robert J, et al. **Pathol Biol (Paris)** 1985 Apr; 33(4):261-5

Incorporation of cellular and plasma fibronectins into smooth muscle cell extracellular matrix in vitro. Millis AJ, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2746-50

Mammalian reticulocytes lose adhesion to fibronectin during maturation to erythrocytes. Patel VP, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):440-4

Variants of the cell recognition site of fibronectin that retain attachment-promoting activity. Pierschbacher MD, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5985-8

A 125/115-kDa cell surface receptor specific for vitronectin interacts with the arginine-glycine-aspartic acid adhesion sequence derived from fibronectin. Pytela R, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5766-70

Selective inhibition of fibronectin-mediated cell adhesion by monoclonal antibodies to a cell-surface glycoprotein. Brown PJ, et al. **Science** 1985 Jun 21;228(4706):1448-51

The effect of thrombin on fibronectin in cultured human endothelial cells. Galdal KS, et al. **Thromb Res** 1985 Mar 1;37(5):583-93

Fibrinmonomer binding to macrophages mediated by fibrin-binding fibronectin fragments. Hörmann H, et al. **Thromb Res** 1985 Jul 15;39(2):183-94

Unusual low affinity of human liver fibronectin for gelatin. Isemura M, et al. **Tohoku J Exp Med** 1985 Apr;145(4):477-8

Heterogeneous distribution of actin, myosin, fibronectin and basement membrane antigens in primary and metastatic human breast cancer. Natali PG, et al. **Virchows Arch [A]** 1984;405(1):69-83

Retrovirus RD114 p30 is bound by the extracellular matrix proteins, fibronectin and laminin. Salonen EM, et al. **Virus Res** 1984;1(5):427-31

[Dermal aging. Immunofluorescence study of collagens I and III and fibronectin] Pieraggi MT, et al. **Ann Pathol** 1984 Jun-Aug;4(3):185-94 (Eng. Abstr.) (Fre)

[Fibronectin level in dermal suction fluid in systemic scleroderma (letter)] Lacour JP, et al. **Presse Med** 1984 Nov 3;13(39):2394 (Fre)

[Diminished levels of fibronectin in suction bullae in patients with scleroderma (letter)] Stalder JF, et al. **Presse Med** 1984 Sep 29;13(33):2025 (Fre)

[Fibronectin in Dupuytren contracture] Menzel EJ. **Handchir Mikrochir Plast Chir** 1984 Sep;16(3):164-7 (Eng. Abstr.) (Ger)

[Behavior of the fibronectin content of the amniotic fluid] Tatra G, et al. **Z Geburtshilfe Perinatol** 1984 Nov-Dec; 188(6):272-4 (Eng. Abstr.) (Ger)

[The fibronectin binding test: proposal of an experimental model for the evaluation of the biocompatibility of materials of orthopedic interest] Cannas M, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1521-5 (Eng. Abstr.) (Ita)

[Evaluation of the biological compatibility of bioglass with a new experimental model, the fibronectin binding test] Cannas M, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31; 60(8):1515-9 (Eng. Abstr.) (Ita)

PHARMACODYNAMICS

Heparin-binding fragments of fibronectin are potent inhibitors of endothelial cell growth. Homandberg GA, et al. **Am J Pathol** 1985 Sep;120(3):327-32

Arrest of metastatic cells: agents promoting and inhibiting instant non-specific adhesion by fibronectin. Hills BA. **Anticancer Res** 1985 May-Jun;5(3):287-91

Fibronectin initiates fibrin production by rabbit corneal endothelial cells in vitro. Labermeier U, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1114-7

Fibronectin-induced protein carboxy-O-methylation in aortic endothelial cells. Sorgente N, et al. **Biochim Biophys Acta** 1984 Nov 13;805(3):306-11

Effect of plasma fibronectin, macrophages, and glycosaminoglycans on tumor cell growth. Martin DE, et al. **Cancer Invest** 1984;2(5):339-45

Fibronectin is not a serum spreading factor for HeLa cells. Michl J, et al. **Cell Biochem Funct** 1983 Jul;1(2):87-91

Variants of polyoma-transformed BHK21 cells unresponsive to fibronectin. Edwards JG, et al. **Cell Biol Int Rep** 1985 Aug;9(8):737-45

Different aggregation properties of sea urchin embryonic cells at different developmental stages. II. Stage specific response to fibronectin and collagen. Matranga V, et al. **Cell Biol Int Rep** 1984 Sep;8(9):797-807

Effects of different fragments of the fibronectin molecule on latex bead translocation along neural crest migratory pathways. Bronner-Fraser M. **Dev Biol** 1985 Mar; 108(1):131-45

Cleavage of a 135 kD cell surface glycoprotein correlates with loss of fibroblast adhesion to fibronectin. Giancotti FG, et al. **Exp Cell Res** 1985 Jan;156(1):182-90

Formation of stress fibres and focal adhesion sites in monensin-exposed cultured human fibroblasts in response to exogenously added cellular fibronectin. Lehto VP, et al. **Exp Cell Res** 1985 Jun;158(2):563-9

Human plasma fibronectin inhibits adherence of Streptococcus pyogenes to hexadecane. Courtney HS, et al. **Infect Immun** 1985 Jan;47(1):341-3

Directional motility in strongly malignant murine tumor cells. Varani J, et al. **Int J Cancer** 1985 Apr 15;35(4):559-64

Cooperation between fibronectin and heparin in the mobilization of capillary endothelium. Ungari S, et al. **Invasion Metastasis** 1985;5(4):193-205

Lipoprotein-heparin-fibronectin-denatured collagen complexes enhance cholesteryl ester accumulation in macrophages. Falcone DJ, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1266-74

Detachment of cells from culture substrate by soluble fibronectin peptides. Hayman EG, et al. **J Cell Biol** 1985 Jun;100(6):1948-54

Effect of fibronectin on adherence of neutrophils from newborn infants. Harris MC, et al. **J Clin Microbiol** 1985 Feb;21(2):243-6

The effect of citric acid and fibronectin application on healing following surgical treatment of naturally occurring periodontal disease in beagle dogs. Caffesse RG, et al. **J Clin Periodontol** 1985 Aug;12(7):578-90

Spreading and enhanced motility of human keratinocytes on fibronectin. O'Keefe EJ, et al. **J Invest Dermatol** 1985 Aug; 85(2):125-30

Fibronectin-enhanced attachment of gelatin-coated erythrocytes to isolated hepatic Kupffer cells. Cardarelli PM, et al. **J Leukocyte Biol** 1984 Oct;36(4):477-92

Influence of prostaglandin I2 on fibronectin-mediated phagocytosis in vivo and in vitro. Weinberg DA, et al. **J Leukocyte Biol** 1985 Feb;37(2):151-9

Neuron-specific interactions with two neurite-promoting fragments of fibronectin. Rogers SL, et al. **J Neurosci** 1985 Feb;5(2):369-78

Fibronectin-regulated methionine enkephalin-like and somatostatin-like immunoreactivity in quail neural crest cell cultures. Sieber-Blum M. **Neuropeptides** 1984 Nov; 4(6):457-66

Effect of fibronectin on macrophage-induced tumor cell cytostasis. Raynor RH, et al. **Oncology** 1984;41(6):420-6

Matrix-driven translocation of cells and nonliving particles. Newman SA, et al. **Science** 1985 May 17;228(4701):885-9

Modulation of the metastatic activity of melanoma cells by laminin and fibronectin. Terranova VP, et al. **Science** 1984 Nov 23;226(4677):982-5

[Inhibition of the activity of tumor degenerating factor by fibronectin] Imanishi J, et al. **C R Soc Biol (Paris)** 1984; 178(3):317-20 (Eng. Abstr.) (Fre)

[In vitro biocompatibility: increase in the capacity for adhesion in fibroblasts by materials pretreated with fibronectin] Cannas M, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1913-7 (Eng. Abstr.) (Ita)

PHYSIOLOGY

Fibronectin in artery subendothelium is important for platelet adhesion. Houdijk WP, et al. **Blood** 1985 Mar;65(3):598-604

Attachment of Treponema pallidum to fibronectin, laminin, collagen IV, and collagen I, and blockage of attachment by immune rabbit IgG. Fitzgerald TJ, et al. **Br J Vener Dis** 1984 Dec;60(6):357–63

The role of cell adhesion proteins—laminin and fibronectin—in the movement of malignant and metastatic cells. McCarthy JB, et al. **Cancer Metastasis Rev** 1985; 4(2):125–52 (146 ref.)

Discoidin I is implicated in cell–substratum attachment and ordered cell migration of Dictyostelium discoideum and resembles fibronectin. Springer WR, et al. **Cell** 1984 Dec; 39(3 Pt 2):557–64

Enhancement of spicule formation and calcium uptake by monoclonal antibodies to fibronectin–binding acid polysaccharide in cultured sea urchin embryonic cells. Iwata M, et al. **Cell Differ** 1985 Jul;17(1):57–62

Detection of a prominent 150,000 Mr glycoprotein at contact sites of fibronectin–attached hepatocytes. Blanquet PR. **Cell Mol Biol** 1985;31(1):33–9

Peptide fragments of laminin and fibronectin promote migration (haptotaxis and chemotaxis) of metastatic cells. Furcht LT, et al. **Ciba Found Symp** 1984;108:130–45

Cold insoluble globulin: relationship with lymphocytotoxins in autoimmune diseases. Ferraccioli GF, et al. **Clin Exp Rheumatol** 1984 Oct–Dec;2(4):329–32

Fibronectin visualized by scanning electron microscopy immunocytochemistry on the substratum for cell migration in Xenopus laevis gastrulae. Nakatsuji N, et al. **Dev Biol** 1985 Jan;107(1):264–8

Neurite outgrowth of neuroblastoma cells induced by proteins covalently coupled to glass coverslips. Jousimaa J, et al. **Eur J Cell Biol** 1984 Sep;35(1):55–61

Role of fibronectin in attachment of Streptococcus pyogenes and Escherichia coli to human cell lines and isolated oral epithelial cells. Stanislawski L, et al. **Infect Immun** 1985 Apr;48(1):257–9

Effect of fibronectin on adherence of Staphylococcus aureus to fibrin thrombi in vitro. Toy PT, et al. **Infect Immun** 1985 Apr;48(1):83–6

In vitro parasite–monocyte interactions in human leishmaniasis: possible role of fibronectin in parasite attachment. Wyler DJ, et al. **Infect Immun** 1985 Aug; 49(2):305–11

Fibronectin and wound healing. Grinnell F. **J Cell Biochem** 1984;26(2):107–16 (94 ref.)

Location of a fibronectin domain involved in newt epidermal cell migration. Donaldson DJ, et al. **J Cell Biol** 1985 Jul; 101(1):73–8

A role for fibronectin in cell sorting. Armstrong PB, et al. **J Cell Sci** 1984 Jul;69:179–97

Kinetics of cell spreading in the presence of different concentrations of serum or fibronectin–depleted serum. Knox P. **J Cell Sci** 1984 Oct;71:51–9

Fibronectin mediates Treponema pallidum cytadherence through recognition of fibronectin cell–binding domain. Thomas DD, et al. **J Exp Med** 1985 Mar 1;161(3):514–25

On the role of fibronectin during the compaction stage of somitogenesis in the chick embryo. Lash JW, et al. **J Exp Zool** 1984 Nov;232(2):197–206

Fibronectin–enhanced phagocytosis of an alternative pathway activator by human culture–derived macrophages is mediated by the C4b/C3b complement receptor (CR1). Bohnsack JF, et al. **J Immunol** 1985 Oct;135(4):2680–6

Characterization of the opsonic and monocyte adherence functions of the specific fibronectin fragment that enhances phagocytosis of particulate activators. Czop JK, et al. **J Immunol** 1985 Mar;134(3):1844–50

The combined action of hyaluronic acid and fibronectin stimulates neutrophil migration. Håkansson L, et al. **J Immunol** 1985 Oct;135(4):2735–9

Foreign body infection: role of fibronectin as a ligand for the adherence of Staphylococcus aureus. Vaudaux P, et al. **J Infect Dis** 1984 Oct;150(4):546–53

Fibronectin, as well as other extracellular matrix proteins, mediate human keratinocyte adherence. Clark RA, et al. **J Invest Dermatol** 1985 May;84(5):378–83

Human keratinocyte adhesion and phagocytosis promoted by fibronectin. Takashima A, et al. **J Invest Dermatol** 1984 Nov;83(5):352–8

Fibronectin mediates chemotactic factor–stimulated neutrophil substrate adhesion. Marino JA, et al. **J Lab Clin Med** 1985 Jun;105(6):725–30

Fibronectin–induced agglutination of Staphylococcus aureus correlates with invasiveness. Proctor RA, et al. **J Lab Clin Med** 1984 Oct;104(4):455–69

Structural comparisons of fibronectins isolated from early and late passage cells. Sorrentino JA, et al. **Mech Ageing Dev** 1984 Nov;28(1):83–97

Laminin and fibronectin in normal and malignant neuroectodermal cells. Liesi P. **Med Biol** 1984;62(3):163–80 (136 ref.)

In vitro inhibition of Plasmodium falciparum merozoite invasion by human plasma fibronectin. Ouaissi MA, et al. **Parasitology** 1985 Apr;90 (Pt 2):227–36

Somitogenesis: investigations on the mechanism of compaction in the presomitic mass and a possible role for fibronectin. Lash JW. **Prog Clin Biol Res** 1985;171:45–60

Platelet attachment and spreading on polystyrene surfaces: dependence on fibronectin and plasma concentration. Grinnell F, et al. **Thromb Res** 1985 Jul 15;39(2):165–71

[Fibronectins: structure and function] Ouaissi MA, et al. **Ann Inst Pasteur Immunol** 1985 Mar–Apr;136C(2):169–85 (Eng. Abstr.) **(Fre)**

[Fibronectin] Klar E, et al. **Klin Wochenschr** 1984 Oct 15; 62(20):963–74 (Eng. Abstr.) **(Ger)**

[Fibronectin—its functions and roles in tissue repair] Matsuda M. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):882–6 (Eng. Abstr.) **(Jpn)**

[Fibronectin in cell, developmental, and neural biology] Hayashi M. **Tanpakushitsu Kakusan Koso** 1984 Dec; 29(14):1964–80 (101 ref.) **(Jpn)**

[Fibronectin and insufficiency of the reticuloendothelial system (editorial)] Pereira VG, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Sep–Oct; 39(5):201–2 **(Por)**

[Fibronectin] Ciko Z, et al. **Vojnosanit Pregl** 1985 Mar–Apr; 42(2):129–33 **(Scr)**

SECRETION

Release of fibronectin is linked to tumor promotion: response of promotable and non–promotable clones of a mouse epidermal cell line. Zerlauth G, et al. **Carcinogenesis** 1985 Jan;6(1):73–8

Flow kinetics of fibronectin secretion by livers of young preweanling rats. Evers DC, et al. **Eur J Cell Biol** 1984 Sep;35(1):81–9

An immunoenzyme procedure for enumerating fibronectin–secreting cells. Czerkinsky CC, et al. **J Immunoassay** 1984;5(3–4):291–302

Astrocytes in culture synthesize and secrete a variant form of fibronectin. Price J, et al. **J Neurosci** 1985 Aug; 5(8):2205–11

THERAPEUTIC USE

Fibrin tissue adhesive and glass ceramic strut for ossicular chain replacement. Electrophysiologic and histologic findings. Siedentop KH, et al. **Am J Otol** 1985 May; 6(3):272–5

Sutures or fibrin glue for divided rat nerves: Schwann cell and muscle metabolism. Becker CM, et al. **Microsurgery** 1985;6(1):1–10

Clinical evaluation of fibronectin eyedrops on epithelial disorders after herpetic keratitis. Nishida T, et al. **Ophthalmology** 1985 Feb;92(2):213–6

The effect of exogenous fibronectin on wound breaking strength. Falcone PA, et al. **Plast Reconstr Surg** 1984 Dec; 74(6):809–12

Closure of carotid–cavernous fistulae by use of a fibrin adhesive system. Hasegawa H, et al. **Surg Neurol** 1985 Jul; 24(1):23–6

Surgical treatment of liver injuries by application of Fibrinkleber. Giakoustidis E, et al. **World J Surg** 1985 Feb; 9(1):144–8

[Human fibronectin in the treatment of septic states. Tolerance and course of plasma levels] Pierrot M, et al. **Presse Med** 1985 Jan 19;14(2):79–82 (Eng. Abstr.) **(Fre)**

FIBROSARCOMA

Fibrosarcoma of maxilla. Mishra R, et al. **J Indian Med Assoc** 1984 Oct;82(10):374–5

Well–differentiated fibrosarcoma of the maxilla—a case report. Foo GC, et al. **Singapore Med J** 1984 Aug; 25(4):274–7

ANALYSIS

NMR study of in vivo RIF–1 tumors. Analysis of perchloric acid extracts and identification of 1H, 31P and 13C resonances. Evanochko WT, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):104–16

Regulation of plasminogen activator activity in human fibroblastic cells by fibrosarcoma cell–derived factors. Saksela O, et al. **Cancer Res** 1985 May;45(5):2314–9

BLOOD

Dietary menhaden oil lowers plasma prostaglandins and calcium in mice bearing the prostaglandin–producing HSDM1 fibrosarcoma. Tashjian AH Jr, et al. **J Clin Invest** 1984 Dec;74(6):2042–8

BLOOD SUPPLY

Influence of a prostaglandin synthesis inhibitor and of thrombocytopenia on tumor blood flow and tumor vascular permeability. Experimental studies in the rat. Peterson HI, et al. **Anticancer Res** 1985 May–Jun;5(3):253–7

CHEMICALLY INDUCED

Erythropoiesis in mice with chemically–induced tumor. Ray MR, et al. **Arch Geschwulstforsch** 1985;55(3):161–5

Effect of tuftsin on in vivo development of 3–methylcholanthrene–induced primary fibrosarcoma and Lewis lung carcinoma in mice. Banks RA, et al. **JNCI** 1985 May;74(5):1079–83

Evidence concerning the clonal nature of chemically induced tumors: phosphoglycerate kinase–1 isozyme patterns in chemically induced fibrosarcomas. Deamant FD, et al. **JNCI** 1985 Jan;74(1):145–50

Initiation of a transplantable fibrosarcoma by the synergism of two non–initiators, alpha–tocopherol and soya oil. Constantinides P, et al. **Virchows Arch [A]** 1985; 405(3):285–97

COMPLICATIONS

Congenital retinal arteriovenous communication associated with an ipsilateral cranial dermatofibrosarcoma. Karlin K, et al. **Ann Ophthalmol** 1985 Jun;17(6):363–5

[A case of liver fibrosarcoma associated with hypoglycemia] Kameya S, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Mar;82(3):513–7 **(Jpn)**

DIAGNOSIS

Primary fibroxanthosarcoma of the kidney presenting as fever of unknown origin. Brauman A, et al. **Eur Urol** 1985; 11(2):134–5

Dermatofibrosarcoma protuberans. Gutiérrez G, et al. **Int J Dermatol** 1984 Jul–Aug;23(6):396–401

Pulmonary nodules and spontaneous pneumothorax in an adolescent female. Hinton AA, et al. **Invest Radiol** 1984 Nov–Dec;19(6):479–83

Fibrosarcoma of the mandible presenting as a periodontal problem. Handlers JP, et al. **J Oral Pathol** 1985 May; 14(5):351–6

[Darier–Ferrand dermatofibrosarcoma. Study of 96 cases over 15 years] Petoin DS, et al. **Chirurgie** 1985;111(2):132–8 (Eng. Abstr.) **(Fre)**

[Fibrosarcoma protuberans of the skin (dermatofibrosarcoma protuberans)] Samochocki Z, et al. **Przegl Dermatol** 1984 May–Jun;71(3):265–7 (Eng. Abstr.) **(Pol)**

[Fibrosarcoma of bone] Knysh IT. **Ortop Travmatol Protez** 1984 Oct;(10):34–8 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Misonidazole protects mouse tumour and normal tissues from the toxicity of oral CCNU. Lee FY, et al. **Br J Cancer** 1985 Jan;51(1):85–91

Factors influencing the chemosensitization of melphalan by misonidazole. Randhawa VS, et al. **Br J Cancer** 1985 Feb; 51(2):219–28

Chemotherapy for inoperable infantile fibrosarcoma. Grier HE, et al. **Cancer** 1985 Oct 1;56(7):1507–10

Enhancement of mitomycin C cytotoxicity to hypoxic tumor cells by dicoumarol in vivo and in vitro. Keyes SR, et al. **Cancer Res** 1985 Jan;45(1):213–6

Host–mediated therapeutic effects produced by appropriately timed administration of bleomycin on a rat fibrosarcoma. Morikawa K, et al. **Cancer Res** 1985 Apr;45(4):1502–6

Antitumor activity of lentinan in murine syngeneic and autochthonous hosts and its suppressive effect on 3–methylcholanthrene–induced carcinogenesis. Suga T, et al. **Cancer Res** 1984 Nov;44(11):5132–7

A comparison of the ability of some radiosensitizers undergoing clinical trials to act as chemosensitizers. Hinchliffe M, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1635–40

[Comparison of 2 chemosensitivity tests by grafting a polyoma tumor in the cheek pouch of syngeneic hamsters and under the renal capsule of syngeneic mice] Favre R, et al. **Pathol Biol (Paris)** 1984 Nov;32(9):983–6 (Eng. Abstr.) **(Fre)**

[Systemic chemotherapy with super–high dose cisplatin and sodium thiosulfate (STS) rescue in mice] Lee K, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):875–9 (Eng. Abstr.) **(Jpn)**

ENZYMOLOGY

Expression of collagenase IV (basement membrane collagenase) activity in murine tumor cell hybrids that differ in metastatic potential. Turpeenniemi–Hujanen T, et al. **JNCI** 1985 Jul;75(1):99–103

ETIOLOGY

Radiation–induced fibrosarcoma of the thyroid. Tamada A, et al. **J Laryngol Otol** 1984 Oct;98(10):1063–6

Retropharyngeal fibrosarcoma following radiation therapy for Hodgkin's lymphoma of the neck. Spiegel J, et al. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):274–7

[A trial case of fibrous sarcoma occurring after surgery to invert sternum] Miyake M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jul;32(7):1118–21 (Eng. Abstr.) **(Jpn)**

FAMILIAL & GENETIC

Role of heterochromatin variation in the instability of a marker chromosome during tumor progression. Doneda L, et al. **Cancer Genet Cytogenet** 1985 Feb 15;15(3–4):283–91

Expression of ki–ras oncogene in tumor cell variants exhibiting different metastatic capabilities. Kris RM, et al. **Int J Cancer** 1985 Feb 15;35(2):227–30

Expression of the N–ras oncogene in tumorigenic and non–tumorigenic HT 1080 fibrosarcoma X normal human fibroblast hybrid cells. Weissman BE, et al. **Prog Clin Biol Res** 1985;175:141–9 (23 ref.)

Genetic unresponsiveness to a murine fibrosarcoma determined by the host genetic environment but not by lymphocyte precursor genotype. Colombo MP, et al. **Tumori** 1985 Apr 30;71(2):91–6

IMMUNOLOGY

Immunotherapeutic studies of different clonal lines of herpesvirus–induced fibrosarcoma in a syngeneic rat.

Gusdon JP Jr, et al. **Am J Obstet Gynecol** 1985 Apr 1; 151(7):852–8

Adoptive transfer of immunity against solid fibrosarcoma in mice with splenocytes and peritoneal exudate cells obtained after in vitro sensitization and in vivo immunization with cis–dichlorodiamine platinum(II) treated fibrosarcoma cells. Sodhi A, et al. **Arch Geschwulstforsch** 1985; 55(1):47–61

Immunological reactivity of tumor associated glycoproteins prepared by affinity chromatography. Walzel H, et al. **Arch Geschwulstforsch** 1984;54(6):451–61

In vivo detection and partial characterization of effector and suppressor cell populations in spleens of mice with large metastatic fibrosarcomas. Dent LA, et al. **Br J Cancer** 1985 Apr;51(4):533–41

Enhancement by serotonin of intra–tumour penetration of spleen cells. Lespinats G, et al. **Br J Cancer** 1984 Oct; 50(4):545–7

The effect of passage in vitro and in vivo on the properties of murine fibrosarcomas. II. Sensitivity to cell–mediated cytotoxicity in vitro. Woodruff MF, et al. **Br J Cancer** 1985 Aug;52(2):233–40

Suppression of generation of concomitant antitumor immunity by passively transferred suppressor T cells from tumor–bearing donors. Bursuker I, et al. **Cancer Immunol Immunother** 1985;19(3):215–8

In vivo assessment of tumor–induced nonspecific suppression of contact sensitivity. II. Regulation by cytokines and T cells via adoptive transfer. Garner RE, et al. **Cancer Immunol Immunother** 1984;18(2):135–7

Absence of generalized immunosuppression in C57BL/6J mice implanted with Lewis T241 fibrosarcoma or Lewis lung carcinoma. Jones CE, et al. **Cancer Immunol Immunother** 1984;18(2):82–6

The effect of indomethacin on the activation and effector function of suppressor cells from tumor–bearing mice. Pope BL. **Cancer Immunol Immunother** 1985;19(2):101–8

Depression of macrophage functions and T–cell–mediated immunity to listeria infection in tumor–bearing mice and its prevention by PSK. Tsuru S, et al. **Cancer Immunol Immunother** 1984;18(3):160–3

Evaluation of in vivo and in vitro effectivity of immune defense against a spontaneously arising, nonlymphoid rat tumor. I. Analysis of natural immune defense. Zöller M. **Cancer Immunol Immunother** 1985;19(3):183–8

Evaluation of in vivo and in vitro effectivity of immune defense against a spontaneously arising, nonlymphoid rat tumor. II. T cell response after induction of immunogenicity. Zöller M. **Cancer Immunol Immunother** 1985;19(3):189–97

Cell surface antigens of chemically induced fibrosarcomas: detection by a monoclonal antibody of a tumor–restricted Mr 12,000 protein gag antigen encoded by a dual–tropic murine leukemia virus. Carbone G, et al. **Cancer Res** 1985 Oct;45(10):4980–5

Biochemical characterization of 1–butanol–extracted murine tumor–specific transplantation antigens. LeGrue SJ, et al. **Cancer Res** 1985 Jul;45(7):3164–72

Comparison of antibody isotypes in sera and circulating immune complexes during tumor growth and metastasis of three tumor models in mice. McDonald TL, et al. **Cancer Res** 1984 Nov;44(11):4933–7

Antigenic variants isolated from a mutagen–treated guinea pig fibrosarcoma. Zbar B, et al. **Cancer Res** 1984 Nov; 44(11):5079–85

Generation of T cell growth factor (TCGF)– dependent splenic lymphoid cell line with cell–mediated immunosuppressive reactivity against syngeneic murine tumor. Koyama S, et al. **Eur J Cancer Clin Oncol** 1985 Feb;21(2):257–61

Vitamin A and tumor immunity. Tomita Y, et al. **Experientia** 1985 Jan 15;41(1):92–3

A two–chain tumour–related suppressor factor specific for a sequence antigen. Koppi–Reynolds TA, et al. **Immunol Lett** 1984;8(4):219–25

Phenotype of cytotoxic effector cells infiltrating a transplanted, chemically induced rat sarcoma. Ferry BL, et al. **Immunology** 1984 Oct;53(2):243–50

Carbohydrates as antigenic determinants of tumor–associated antigens recognized by monoclonal anti–tumor antibodies produced in a syngeneic system. Ito M, et al. **Int J Cancer** 1984 Nov 15;34(5):689–97

Investigations into the nature of Igh–V region–restricted T cell interactions by using antibodies to antigens on methylcholanthrene–induced sarcomas. I. Analysis of an Igh–V–restricted suppressor–inducer factor. Flood PM. **J Immunol** 1985 Mar;134(3):1665–72

Mechanisms in the suppression of tumor rejection produced in mice by repeated UV irradiation. Ullrich SE, et al. **J Immunol** 1984 Nov;133(5):2786–90

The effect of immunity on pulmonary metastasis of a methylcholanthrene–induced fibrosarcoma and three of its clones. Yu S, et al. **J Surg Oncol** 1984 Sep;27(1):51–8

Peripheral blood leukocyte adherence inhibition (LAI) reactivity before and during progressive growth of B77 tumor in rats. Kalafut F, et al. **Neoplasma** 1984;31(5):507–13

Molecular characterization of novel H–2 class I molecules expressed by a C3H UV–induced fibrosarcoma. McMillan M, et al. **Proc Natl Acad Sci** USA 1985 Aug;82(16):5485–9

Amplification by macrophages of prostaglandin–mediated immunosuppression in mice bearing syngeneic tumors. Plescia OJ, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):205–23

Immune response to ultraviolet–induced tumors. I. Transplantation immunity developing in syngeneic mice in response to progressor ultraviolet–induced tumors. Fortner GW, et al. **Transplantation** 1985 Jan;39(1):44–9

[In situ characterization of immunologically competent cells during the growth of a transplanted murine sarcoma] De Graef–Lovens D, et al. **C R Soc Biol (Paris)** 1985; 179(1):128–36 (Eng. Abstr.) **(Fre)**

[Method of efficacious immunization against syngeneic murine sarcoma] Schaaf–Lafontaine N, et al. **C R Soc Biol (Paris)** 1985;179(1):122–7 (Eng. Abstr.) **(Fre)**

[Augmentation of antitumor immune responses by the antitumor antibiotic bleomycin] Hosokawa M, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 2):2700–8 (Eng. Abstr.) **(Jpn)**

[Aggregation of monoclonal antibody A2B5 on fibrosarcoma in mice] Kidowaki T, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2605–6 **(Jpn)**

[Depression of protective mechanisms against ectromelia virus infection in tumor–bearing mice and its prevention by PSK] Taniguchi M, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 2):2760–5 (Eng. Abstr.) **(Jpn)**

[Effect of PSK on the recovery of macrophage function and T cell–mediated immunity in tumor–bearing mice] Tsuru S, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2375–80 (Eng. Abstr.) **(Jpn)**

[Oral administration of streptococcal preparation 'OK 432'—the 4th report: augmentation of in vitro anti–tumor immune responses of mice with transplanted cecal tumor] Tsuchitani T, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Oct 20;19(9):2179–87 (Eng. Abstr.) **(Jpn)**

[Possible zymosan stimulation of the immune response of BALB/c mice to sheep erythrocytes and tumor target cells] Liepa VE, et al. **Eksp Onkol** 1985;7(3):43–7 (Eng. Abstr.) **(Rus)**

METABOLISM

The 5–hydroxyl of myo–inositol is essential for uptake into HSDM1C1 mouse fibrosarcoma cells. Auchus RJ, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1139–46

Spermine induced phosphorylation of a 42 kD/pI 5.9 nuclear protein in different human tumor cell lines. Unteregger G. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):700–7

DNA damage in normal and neoplastic mouse tissues after treatment with misonidazole in vivo. Murray D, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3275–9

In vivo assimilation of low density lipoproteins by a fibrosarcoma tumour line in mice. Norata G, et al. **Cancer Lett** 1984 Dec;25(2):203–8

Collagen types in fibrosarcoma: absence of type III collagen in reticulin. Hall J, et al. **Hum Pathol** 1985 May; 16(5):439–46

Studies on migration inhibitory factors of non–lymphoid origin. Aul C, et al. **Immunobiology** 1984 Dec;167(5):437–51

Some biological properties of Synadenium grantil lectin. Premaratna A, et al. **Indian J Pathol Microbiol** 1984 Apr; 27(2):91–7

Arachidonic acid metabolism in murine fibrosarcoma cells with differing in vivo and in vitro characteristics. Fligiel SE, et al. **Int J Cancer** 1985 Sep 15;36(3):383–8

Uptake and subcellular distribution of [3H]arachidonic acid in murine fibrosarcoma cells measured by electron microscope autoradiography. Neufeld EJ, et al. **J Cell Biol** 1985 Aug;101(2):573–81

Tumor–associated metabolism in the rat is a unique physiologic entity. Devereux DF, et al. **J Surg Res** 1985 Feb;38(2):149–53

Effect of difluoromethylornithine on host and tumor polyamine metabolism during total parenteral nutrition. Harris WB, et al. **J Surg Res** 1985 Jun;38(6):592–8

Growth–related variations in the glycosaminoglycan synthesis of ultraviolet light–induced murine cutaneous fibrosarcoma cells. Piepkorn M, et al. **Lab Invest** 1985 Aug; 53(2):187–93

Synthesis and secretion of proteins resembling platelet–derived growth factor by human glioblastoma and fibrosarcoma cells in culture. Pantazis P, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2404–8

PATHOLOGY

Giant cell fibroblastoma: a report of three cases. Abdul–Karim FW, et al. **Am J Clin Pathol** 1985 Feb; 83(2):165–70

In vitro activation of murine Kupffer cells by lymphokines or endotoxins to lyse syngeneic tumor cells. Xu ZL, et al. **Am J Pathol** 1984 Dec;117(3):372–9

Fibromatosis and fibrosarcoma of the larynx and pharynx in an infant. McIntosh WA, et al. **Arch Otolaryngol** 1985 Jul;111(7):478–80

The effect of passage in vitro and in vivo on the properties of murine fibrosarcomas I. Tumorigenicity and immunogenicity. Woodruff MF, et al. **Br J Cancer** 1985 Feb;51(2):161–9

Fibrosarcoma of the mandible. Zachariades N, et al. **Br J Oral Maxillofac Surg** 1985 Jun;23(3):174–82

An atypical fibromyxoid tumor of the prostate. Hafiz MA, et al. **Cancer** 1984 Dec 1;54(11):2500–4

Periosteal osteosarcoma. Hall RB, et al. **Cancer** 1985 Jan 1; 55(1):165–71

Leech salivary gland extract from Haementeria officinalis, a potent inhibitor of cyclophosphamide– and radiation–induced artificial metastasis enhancement. Gasic GJ, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5670–6

Antiinvasive effect of racemic 1–O–octadecyl–2–O–methylglycero–3–phosphocholine on MO4 mouse fibrosarcoma cells in vitro. Storme GA, et al. **Cancer Res** 1985 Jan;45(1):351–7

Contribution of alpha–D–galactopyranosyl end groups to attachment of highly and low metastatic murine fibrosarcoma cells to various substrates. Grimstad IA, et al. **Exp Cell Res** 1984 Dec;155(2):345–58

Increased transcription of the c–myc oncogene in two methylcholanthrene–induced quail fibroblastic cell lines. Saule S, et al. **Exp Cell Res** 1984 Dec;155(2):496–506

Dermatofibrosarcoma protuberans of the vulva. Bock JE, et al. **Gynecol Oncol** 1985 Jan;20(1):129–35

Thymus–derived macrophages in long–term culture: release of IL–1, stimulation of MLR and expression of tumoricidal activity. Gallily R, et al. **Immunology** 1985 May; 55(1):165–72

Directional motility in strongly malignant murine tumor cells. Varani J, et al. **Int J Cancer** 1985 Apr 15;35(4):559–64

Stimulation of murine tumour cell motility by laminin. Situ R, et al. **J Cell Sci** 1984 Aug;70:167–76

Sarcoma of nerve sheath of head and neck. Cutchavaree A, et al. **J Med Assoc Thai** 1984 Aug;67(8):448–55

Dermatofibrosarcoma non–protuberans: description and report of five cases of a morpheaform variant of dermatofibrosarcoma. Lambert WC, et al. **J Surg Oncol** 1985 Jan;28(1):7–11

Potentiation of anticancer agents by new synthetic isoprenoids. II. Inhibition of the growth of transplantable murine tumors. Yamaguchi T, et al. **JNCI** 1984 Oct; 73(4):903–7

Glycosaminoglycans and the substrate attachment of murine myeloma, 3T3, and cutaneous fibrosarcoma cells. Piepkorn MW, et al. **Lab Invest** 1985 Jul;53(1):22–9

Induction of neovascularization in vivo and endothelial proliferation in vitro by tumor–associated macrophages. Polverini PJ, et al. **Lab Invest** 1984 Dec;51(6):635–42

Fibrosarcoma occurring in scar tissue [letter] Hennipman A, et al. **Neth J Surg** 1985 Jun;37(3):93

Renal fibrosarcoma. Single case in a ten–year survey. Cavaliere A, et al. **Pathologica** 1984 Sep–Oct; 76(1045):615–21

Primary cardiac fibrosarcoma. Linder J, et al. **South Med J** 1985 May;78(5):607–8

Fibrosarcoma of epididymis. Dowling KJ, et al. **Urology** 1985 Sep;26(3):307–8

[Dermatofibrosarcoma protuberans: a variant myxoid] Grouls V. **Pathologe** 1984 Jul;5(4):226–30 **(Ger)**

[Dermatofibrosarcoma protuberans with pulmonary and lymph node metastasis. Description of a case and review of the literature] D'Ambros Rosso GM, et al. **G Ital Dermatol Venereol** 1984 Sep–Oct;119(5):345–50 (Eng. Abstr.) **(Ita)**

[Dermatofibrosarcoma protuberans. A clinicopathologic study of 27 cases with particular reference to distinction from fibrosarcoma or malignant fibrous histiocytoma] Yokoyama K. **Fukuoka Igaku Zasshi** 1984 Jul;75(7):381–96 (Eng. Abstr.) **(Jpn)**

[Clinico–morphological analysis of bone fibrosarcomas (a retrospective study)] Petrovichev NN, et al. **Vopr Onkol** 1984;30(8):52–7 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Deficits in elevating membrane potential of rat fibrosarcoma cells after cell contact. Binggeli R, et al. **Cancer Res** 1985 Jan;45(1):235–41

RADIOTHERAPY

Interaction of diethylaminoreserpine with cells of a transplantable tumour in vivo. Lehnert S. **Br J Cancer** 1984 Dec;50(6):847–51

Increased radiosensitivity of a recurrent murine fibrosarcoma following radiotherapy. Ando K, et al. **Gann** 1985 Feb; 76(2):99–103

Potentiation of radiation response of a mouse fibrosarcoma by phenothiazine drugs. George KC, et al. **Indian J Exp Biol** 1984 Jun;22(6):305–7

The relationship between lung colony and in situ assays. Ando K, et al. **Int J Radiat Oncol Biol Phys** 1985 Aug; 11(8):1495–502

Modification of tumor response to cyclophosphamide and irradiation by preirradiation of the tumor bed: prolonged growth delay but reduced curability. Ito H, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):547–53

Improved response of a murine fibrosarcoma (Meth–A) to interstitial radiation when combined with hyperthermia. Moorthy CR, et al. **Int J Radiat Oncol Biol Phys** 1984 Nov;10(11):2145–8

Radioprotection of mouse skin vasculature and the RIF–1 fibrosarcoma by WR–2721. Penhaligon M. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1541–4

Inappropriate use of linear–quadratic analysis of tumor response [letter] Williams M. **Int J Radiat Oncol Biol Phys** 1985 Aug;11(8):1570–3P6

Delayed cerebral pseudo–tumoral radionecrosis following scalp–tumour irradiation. Case report and review of literature. Vallee B, et al. **J Neurol** 1984;231(3):135–40

Inhibitory effect of soft X-ray irradiation on growth of syngeneic tumor in mice. Takeuchi M, et al. **Nippon Juigaku Zasshi** 1984 Oct;46(5):733–6

The efficiency of DNA strand-break repair in two fibrosarcoma tumors and in normal tissues of mice irradiated in vivo with X rays. Murray D, et al. **Radiat Res** 1984 Oct;100(1):171–81

[Does fast-neutron radiotherapy merely reduce the radiation dosage?] Ando K. **Gan No Rinsho** 1984 Sep; 30(11):1398–400 (Eng. Abstr.) **(Jpn)**

SECONDARY

Atypical fibroxanthoma of the skin metastatic to a lung. Report of a case, features by conventional and electron microscopy, and a review of relevant literature. Glavin FL, et al. **Am J Dermatopathol** 1985 Feb;7(1):57–63

Pulmonary inflammation generates chemotactic activity for tumor cells and promotes lung metastasis. Orr FW, et al. **Am Rev Respir Dis** 1985 Apr;131(4):607–11

Failure to warfarin to affect the tissue factor activity and the metastatic potential of murine fibrosarcoma cells. Lorenzet R, et al. **Eur J Cancer Clin Oncol** 1985 Feb; 21(2):263–5

Rapid phenotype variation in cells derived from lung metastases of KHT fibrosarcoma. Chambers AF, et al. **Invasion Metastasis** 1984;4(4):225–37

Site-induced differences in spontaneous metastasis of MO4 mouse fibrosarcoma cells. Meyvisch C, et al. **Invasion Metastasis** 1985;5(4):185–92

Selection of liver-colonizing tumor cells from a murine fibrosarcoma induced by methylcholanthrene. Edel G, et al. **J Cancer Res Clin Oncol** 1984;108(3):274–80

[Secondary neoplasms in children] Zmudzka I, et al. **Pol Tyg Lek** 1984 May 28;39(22):751–2 (Eng. Abstr.) **(Pol)**

SURGERY

Anorectal sarcomas. Molnár L, et al. **Acta Chir Hung** 1985; 26(2):85–91

Dermatofibrosarcoma protuberans resected by Mohs' surgery (chemosurgery). A 5-year prospective study. Robinson JK. **J Am Acad Dermatol** 1985 Jun;12(6):1093–8

Chemosurgical reports: myxoid dermatofibrosarcoma protuberans. Hess KA, et al. **J Dermatol Surg Oncol** 1985 Mar;11(3):268–71

Dermatofibrosarcoma protuberans in black patients. Kneebone RL, et al. **S Afr Med J** 1984 Dec 15; 66(24):919–21

[Reversal of duodenal passage] Zwicker M. **Chirurg** 1985 Apr;56(4):280–3 **(Ger)**

[Urinary bladder tumors in childhood] Gutsche I, et al. **Zentralbl Chir** 1984;109(15):996–1000 **(Ger)**

[Dermatofibrosarcoma protuberans] Golcman B, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jul–Aug; 39(4):197–200 (Eng. Abstr.) **(Por)**

[Interscapular-thoracic resection in tumors of the scapula and proximal part of the humerus] Makhson NE, et al. **Sov Med** 1984;(8):22–7 (Eng. Abstr.) **(Rus)**

THERAPY

Hyperthermic response of a mouse fibrosarcoma as modified by phenothiazine drugs. George KC, et al. **Br J Cancer** 1985 May;51(5):737–8

Effects of sequencing of the total course of combined hyperthermia and radiation on the RIF-1 murine tumor. Mittal B, et al. **Cancer** 1984 Dec 15;54(12):2889–97

Inhibition of tumor growth in mice treated with synthetic muramyl dipeptide. Bubeník J, et al. **Cancer Immunol Immunother** 1984;18(2):123–5

Antitumor effect induced by a hot water extract of Chlorella vulgaris (CE): resistance to Meth-A tumor growth mediated by CE-induced polymorphonuclear leukocytes. Konishi F, et al. **Cancer Immunol Immunother** 1985; 19(2):73–8

Immunomodulation and therapeutic characterization of thymosin fraction five. Talmadge JE, et al. **Cancer Immunol Immunother** 1984;18(3):185–94

Relative contribution of antiproliferative and host immunity-associated activity of mouse interferon in murine tumor therapy. Kataoka T, et al. **Cancer Res** 1984 Dec; 44(12 Pt 1):5661–5

Effect of thermochemotherapy (combined cyclophosphamide and hyperthermia) given at various temperatures with or without glucose administration on a murine fibrosarcoma. Urano M, et al. **Cancer Res** 1985 Sep;45(9):4162–6

The significance of thermotolerance after 41 degrees C hyperthermia: in vivo and in vitro tumor and normal tissue investigations. Meyer JL, et al. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):973–81

DNA damage produced by combined hyperglycemia and hyperthermia in two mouse fibrosarcoma tumors in vivo. Murray D, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep; 10(9):1679–82

Fibrosarcoma of long bones. A study of the significance of areas of malignant fibrous histiocytoma. Taconis WK, et al. **J Bone Joint Surg [Br]** 1985 Jan;67(1):111–6

[Effect of a combination therapy of cisplatin and local irradiation on a mouse fibrosarcoma] Höglmeier F, et al. **Strahlentherapie** 1985 Jun;161(6):362–6 (Eng. Abstr.) **(Ger)**

ULTRASTRUCTURE

[Electron microscopy in the diagnosis of fibroblastic tumors] Loubet R, et al. **Arch Anat Cytol Pathol** 1984;32(4):213–7 (Eng. Abstr.) **(Fre)**

URINE

Stimulation of human and murine bone marrow cell colony formation by colony-stimulating factors obtained from the urine of mice bearing leukocytosis-inducing fibrosarcoma. Bessho M, et al. **Gann** 1984 Nov;75(11):993–1001

VETERINARY

Neutrophilic leukocytosis associated with metastatic fibrosarcoma in a dog. Chinn DR, et al. **J Am Vet Med Assoc** 1985 Apr 15;186(8):806–9

Chromomycosis and fibrosarcoma in a mangrove snake. Jacobson ER. **J Am Vet Med Assoc** 1984 Dec 1; 185(11):1428–30

The nature of immunity to Snyder-Theilen fibrosarcoma virus induced tumors in cats. Johnson L, et al. **Vet Immunol Immunopathol** 1985 Jul;9(3):283–300

Primary hepatic fibrosarcoma in a Toggenburg goat. Higgins RJ, et al. **Vet Rec** 1985 Apr 20;116(16):444

FIBROSITIS

see related

MYOFASCIAL PAIN SYNDROMES

Primary fibromyalgia. Coulehan JL. **Am Fam Physician** 1985 Sep;32(3):170–7

COMPLICATIONS

Role of fibrositis of supra and periscapular area in aetiology of brachialgia. Baksi DP. **J Indian Med Assoc** 1984 May; 82(5):170–3

Fibrositis (Fibromyalgia) in rheumatoid arthritis. Wolfe F, et al. **J Rheumatol** 1984 Dec;11(6):814–8

[Carpal tunnel syndrome—a leading symptom in generalized tendomyopathy] Meske-Brand S, et al. **Dtsch Med Wochenschr** 1984 Nov 23;109(47):1793–6 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

Tender point count [letter] Wolfe F. **Arthritis Rheum** 1985 Apr;28(4):479

Fibromyalgia (fibrositis). Layfer L. **IMJ** 1985 Feb; 167(2):131–2

Hearing and vestibular abnormalities in primary fibrositis syndrome. Gerster JC, et al. **J Rheumatol** 1984 Oct; 11(5):678–80

ETIOLOGY

Proposed pathogenesis of fibrositis. Wilke WS, et al. **Cleve Clin Q** 1985 Summer;52(2):147–54

FAMILIAL & GENETIC

Fibromyalgia and major affective disorder: a controlled phenomenology and family history study. Hudson JI, et al. **Am J Psychiatry** 1985 Apr;142(4):441–6

IMMUNOLOGY

Immunofluorescent detection of IgG at the dermal-epidermal junction in patients with apparent primary fibrositis syndrome. Caro XJ. **Arthritis Rheum** 1984 Oct; 27(10):1174–9

Immunofluorescence and fibromyalgia [letter] Wallace DJ. **Arthritis Rheum** 1985 Jul;28(7):836–7

METABOLISM

Immunoglobulin-G deposits at the dermal-epidermal junction in secondary (traumatic) fibromyalgia syndrome [letter] Burda CD. **Clin Exp Rheumatol** 1984 Apr–Jun; 2(2):195

PATHOLOGY

Muscle pathology in primary fibromyalgia syndrome: a light microscopic, histochemical and ultrastructural study. Kalyan-Raman UP, et al. **J Rheumatol** 1984 Dec; 11(6):808–13

PHYSIOPATHOLOGY

The dexamethasone suppression test in fibrositis. Hudson JI, et al. **Biol Psychiatry** 1984 Oct;19(10):1489–93

PSYCHOLOGY

Psychological factors associated with primary fibromyalgia syndrome. Ahles TA, et al. **Arthritis Rheum** 1984 Oct; 27(10):1101–6

Clinical characteristics of fibrositis. II. A 'blinded,' controlled study using standard psychological tests. Clark S, et al. **Arthritis Rheum** 1985 Feb;28(2):132–7

Problems with the MMPI [editorial] Smythe HA. **J Rheumatol** 1984 Aug;11(4):417–8

Psychological status in primary fibrositis and fibrositis associated with rheumatoid arthritis. Wolfe F, et al. **J Rheumatol** 1984 Aug;11(4):500–6

[Psychogenic rheumatism] Aris H. **Rev Med Chil** 1984 Dec; 112(12):1248–55 (Eng. Abstr.) **(Spa)**

THERAPY

Hypnosis in the treatment of myofibrositis and anxiety: a case report. Elkins GR. **Am J Clin Hypn** 1984 Jul;27(1):26–30

Fighting fibrositis. Hawley D, et al. **Am J Nurs** 1985 Apr; 85(4):404–6

FIBROUS DYSPLASIA, MONOSTOTIC see under **FIBROUS DYSPLASIA OF BONE**

FIBROUS DYSPLASIA OF BONE

Anaesthetic management of a difficult intubation. Strauss EJ, et al. **S Afr Med J** 1985 Sep 14;68(6):414–5

[Fibrous dysplasia of the maxillary sinus] Jelínek R. **Cesk Otolaryngol** 1985 Mar;34(2):100–2 (Eng. Abstr.) **(Cze)**

COMPLICATIONS

Polyostotic fibrous dysplasia with acromegaly. Harris RI. **Am J Med** 1985 Mar;78(3):539–42

Coexisting primary hyperparathyroidism and Albright's hereditary osteodystrophy—an unusual association. Sasaki H, et al. **Postgrad Med J** 1985 Feb;61(712):153–5

[Pseudo precocious puberty in the McCune-Albright syndrome] Bost M, et al. **Pediatrie** 1985 Jan–Feb; 40(1):55–60 (Eng. Abstr.) **(Fre)**

[Association of Ewing's sarcoma with fibrous dysplasia of the tibia. Apropos of a case report] Roth A, et al. **Rev Chir Orthop** 1985;71(2):133–7 (Eng. Abstr.) **(Fre)**

[A case of fibrous bone dysplasia associated with a soft tissue fibromyxoma detected simultaneously] Le Goff P, et al. **Rev Rhum Mal Osteoartic** 1984 Oct;51(9):487–91 **(Fre)**

[Fibrous dysplasia of the osseous orbita with 'neuritis retrobulbaris'] Gornig H, et al. **Ophthalmologica** 1985; 190(2):91–7 **(Ger)**

[Simultaneous incidence of fibrous dysplasia and ganglion of the region of the knee] Vajda A, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985; 28(2):147–50 (Eng. Abstr.) **(Hun)**

[Orbital apex syndrome as a result of fibrous dysplasia of the skull with malignant evolution] Savino S, et al. **Riv Neurol** 1984 Sep–Oct;54(5):340–6 (Eng. Abstr.) **(Ita)**

[McCune-Albright syndrome associated with hyperthyroidism] Recasens A, et al. **Med Clin (Barc)** 1985 Feb 23;84(7):277–9 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

The McCune-Albright syndrome [letter] Lorini R, et al. **Acta Paediatr Scand** 1984 Nov;73(6):860

Craniofacial fibrous dysplasia. Zanini SA, et al. **Ann Plast Surg** 1985 Apr;14(4):378–82

Polyostotic fibrous dysplasia. Greene GS. **Clin Nucl Med** 1984 Oct;9(10):600–2

McCune-Albright syndrome: report of a case. Churesigaew S. **J Med Assoc Thai** 1984 Apr;67(4):254–7

Giant monostotic fibrous dysplasia of the jaws. Otu AA. **J R Coll Surg Edinb** 1985 Apr;30(2):126–8

Fibrous dysplasia of bone and concomitant dysplastic changes in the dentin. Wannfors K, et al. **Oral Surg Oral Med Oral Pathol** 1985 Apr;59(4):394–8

Pituitary and ovarian abnormalities demonstrated by CT and ultrasound in children with features of the McCune-Albright syndrome. Rieth KG, et al. **Radiology** 1984 Nov;153(2):389–93

Case report 290. Fibrous dysplasia of calvaria (multiple sclerotic lesions). Ford KB, et al. **Skeletal Radiol** 1985; 13(1):68–71

[False obstructive osteoma of the external auditory canal (fibrous dysplasia of the tympanic ring)] Basset JM, et al. **J Fr Otorhinolaryngol** 1984 Sep;33(7):353–6 **(Fre)**

[Case of fibrous dysplasia of the jaws: problems of differential diagnosis] Parascandolo S, et al. **Minerva Stomatol** 1985 May–Jun;34(3):497–502 (Eng. Abstr.) **(Ita)**

[Fibrous degeneration of the greater wing of the sphenoid bone] Kukwa A, et al. **Otolaryngol Pol** 1985;39(1):61–4 (Eng. Abstr.) **(Pol)**

[McCune-Albright syndrome] Flores Serrano J, et al. **An Esp Pediatr** 1984 Sep 15;21(3):267–70 **(Spa)**

DRUG THERAPY

Variable response to a long-acting agonist of luteinizing hormone-releasing hormone in girls with McCune-Albright syndrome. Foster CM, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):801–5

FAMILIAL & GENETIC

Differential diagnosis in young women with oligomenorrhea and the pseudo-pseudohypoparathyroidism variant of Albright's hereditary osteodystrophy. Halal F, et al. **Am J Med Genet** 1985 Jul;21(3):551–68

[Albright's hereditary osteodystrophy with multiple cutaneous osteomas] Lorette G, et al. **Ann Dermatol Venereol** 1984;111(12):1073–9 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Monostotic fibrous dysplasia in the femoral neck. A clinicopathologic study. Nakashima Y, et al.

Clin Orthop 1984 Dec;(191):242-8

Fibrocartilaginous mesenchymoma with low-grade malignancy. Dahlin DC, et al. **Skeletal Radiol** 1984; 12(4):263-9

[Malignant transformation of fibrous dysplasia of the orbit] Lebeau J, et al. **Rev Stomatol Chir Maxillofac** 1984; 85(5):403-10 (Eng. Abstr.) **(Fre)**

[Clinico-morphological characteristics of congenital defects of the crural bones] Karimova LF, et al. **Ortop Travmatol Protez** 1984 Nov;(11):19-22 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Cyclical ovarian function resistant to treatment with an analogue of luteinizing hormone releasing hormone in McCune-Albright syndrome. Comite F, et al. **N Engl J Med** 1984 Oct 18;311(16):1032-6

RADIOGRAPHY

Fibrous dysplasia of the temporal bone. Update with case reports. Nager GT, et al. **Ann Otol Rhinol Laryngol** 1984 Nov-Dec;93(6 Pt 1):630-3

Chondrosarcoma in fibrous dysplasia of the pelvis. A case report and review of the literature. Halawa M, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):760-4

Computed tomography of craniofacial fibrous dysplasia. Mendelsohn DB, et al. **J Comput Assist Tomogr** 1984 Dec; 8(6):1062-5

Superior and buccal displacement of the mandibular canal in fibrous dysplasia. Giunta JL, et al. **J Oral Maxillofac Surg** 1985 Jun;43(6):460-2

Fibrous dysplasia of the temporal bone: the use of computerized tomography. Lambert PR, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):461-7

Fibrocartilaginous dysplasia of bone. Drolshagen LF, et al. **Radiology** 1985 Jul;156(1):32

Fibrous dysplasia of the skull with increased vascularity in the angiogram. Ito H, et al. **Surg Neurol** 1985 Apr; 23(4):408-10

[Unilateral polyostotic fibrous dysplasia] Steudel A, et al. **ROFO** 1985 May;142(5):573-5 **(Ger)**

[Monostotic fibrous dysplasia in the parietal bone: a case report] Koga N, et al. **No Shinkei Geka** 1985 Feb; 13(2):189-94 (Eng. Abstr.) **(Jpn)**

RADIONUCLIDE IMAGING

The solitary hand lesion: bone scintigraphy of monostotic fibrous dysplasia. Novetsky GJ, et al. **Clin Nucl Med** 1984 Oct;9(10):590

RADIOTHERAPY

[Late results and consequences of radiotherapy of fibrous dysplasia of the skull] Podliashchuk EL, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):9-12 (Eng. Abstr.) **(Rus)**

SURGERY

Middle ear surgery in fibrous dysplasia of the temporal bone. Sataloff RT, et al. **Am J Otol** 1985 Mar;6(2):153-6

Surgical palliation of respiratory insufficiency secondary to massive exuberant polyostotic fibrous dysplasia of the ribs. King RM, et al. **Ann Thorac Surg** 1985 Feb;39(2):185-7

Monostotic fibrous dysplasia of the maxilla--one patient followed up for nine-years. Sellu DP, et al. **Br J Clin Pract** 1984 Nov-Dec;38(11-12):425-8

Fibrous dysplasia of the orbit in childhood. Clinical features and management. Moore AT, et al. **Ophthalmology** 1985 Jan;92(1):12-20

[A case of polyostotic fibrous dysplasia (Jaffe-Lichtenstein disease) of hemisomic type] Patella V, et al. **Chir Organi Mov** 1984;69(3):297-300 (Eng. Abstr.) **(Ita)**

FIBROUS DYSPLASIA, POLYOSTOTIC see under **FIBROUS DYSPLASIA OF BONE**

FIBULA

Periosteal osteosarcoma. Hall RB, et al. **Cancer** 1985 Jan 1; 55(1):165-71

Intraosseous lipoma of distal fibula. Biomechanical considerations for successful treatment. Lauf E, et al. **J Am Podiatry Assoc** 1984 Sep;74(9):434-40

Virus-like filamentous intranuclear inclusions in a giant-cell tumor, not associated with Paget's disease of bone. A case report. Fornasier VL, et al. **J Bone Joint Surg [Am]** 1985 Feb;67(2):333-6

Valgus deformity of the ankle joint: pathogenesis of fibular shortening. Dias LS. **J Pediatr Orthop** 1985 Mar-Apr; 5(2):176-80

Periosteal hemangioma of left fibula. Case report 324. Pena JM, et al. **Skeletal Radiol** 1985;14(2):133-5

[Neurilemmoma of the fibula (a case report)] Luk'ianchenko AB, et al. **Vopr Onkol** 1984;30(11):91-3 **(Rus)**

ABNORMALITIES

Oto-palato-digital syndrome, type II--an X-linked skeletal dysplasia. Brewster TG, et al. **Am J Med Genet** 1985 Feb; 20(2):249-54

Prenatal diagnosis of Weyers syndrome (deficient ulnar and fibular rays with bilateral hydronephrosis). Elejalde BR, et al. **Am J Med Genet** 1985 Jul;21(3):439-44

Complete ulnas and fibulas in a pony foal. Shamis LD, et al. **J Am Vet Med Assoc** 1985 Apr 15;186(8):802-4

Congenital diastasis of the inferior tibiofibular joint: a review of the literature and report of two cases. Garbarino JL, et al. **J Pediatr Orthop** 1985 Mar-Apr;5(2):225-8 (11 ref.)

Congenital posteromedial bowing of the tibia and fibula. Pappas AM. **J Pediatr Orthop** 1984 Sep;4(5):525-31

[Clinico-morphological characteristics of congenital defects of the crural bones] Karimova LF, et al. **Ortop Travmatol Protez** 1984 Nov;(11):19-22 (Eng. Abstr.) **(Rus)**

ANATOMY & HISTOLOGY

Research into the anatomy and X-ray diagnostics of the fibular ligaments at the ankle joint. Ludolph E, et al. **Arch Orthop Trauma Surg** 1984;103(5):348-52

GROWTH & DEVELOPMENT

Longitudinal growth rate of the distal tibia and fibula in children. Kärrholm J, et al. **Clin Orthop** 1984 Dec; (191):121-8

Changes in tibiofibular relationships due to growth disturbances after ankle fractures in children. Kärrholm J, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1198-210

INJURIES

Anterolateral dislocation of the head of the fibula in sports. Turco VJ, et al. **Am J Sports Med** 1985 Jul-Aug; 13(4):209-15

Dislocation of the superior tibiofibular joint. Andersen K. **Injury** 1985 Jul;16(7):494-8

Fixation of diastasis of the inferior tibiofibular joint using the syndesmosis hook. Farhan MJ, et al. **Injury** 1985 Mar; 16(5):309-11

Bilateral stress fractures of the fused lower fibular epiphysis. Synnott JL, et al. **Ir J Med Sci** 1984 Jul;153(7):252-4

Stress fracture of the fibula: secondary to pronation? Miller HG. **J Am Podiatr Med Assoc** 1985 Apr;75(4):211-2

Fracture healing in the rabbit fibula when subjected to various capacitively coupled electrical fields. Brighton CT, et al. **J Orthop Res** 1985;3(3):331-40

Ewing's sarcoma arising in a unicameral bone cyst. Steinberg GG. **J Pediatr Orthop** 1985 Jan-Feb;5(1):97-100

Biodegradable implants in fracture fixation: early results of treatment of fractures of the ankle. Rokkanen P, et al. **Lancet** 1985 Jun 22;1(8443):1422-4

Intramedullary nailing and diaphyseal blood supply. Sigmond ER, et al. **Minn Med** 1985 May;68(5):363-7

Fibular head dislocation--another differential in the diagnosis of knee injury. Kiester PD, et al. **Nebr Med J** 1985 Jan; 70(1):26-7

Avulsion fracture of the fibula: the 'arcuate sign' of posterolateral knee instability. Shindell R, et al. **Nebr Med J** 1984 Nov;69(11):369-71

Stress fractures in athletes. Dowey KE, et al. **Ulster Med J** 1984;53(2):121-4

[Luxation of the proximal tibio-fibular joint] Pedersen CB. **Ugeskr Laeger** 1984 Jul 30;146(31):2293-5 (Eng. Abstr.) **(Dan)**

[Treatment of bimalleolar fractures by centromedullary nailing of the fibula] Zreik H, et al. **J Chir (Paris)** 1984 Oct;121(10):587-91 (Eng. Abstr.) **(Fre)**

[One-stage treatment of Cauchoix and Duparc type II and III open fractures: without loss of bone substance (apropos of 10 cases)] Derfoufi M, et al. **Maroc Med** 1985 Mar; 7(1):507-12 (Eng. Abstr.) **(Fre)**

[Experiences with the syndesmosis hook in tibiofibular ligament injuries] Engelbrecht E, et al. **Chirurg** 1984 Nov; 55(11):749-55 **(Ger)**

[Frequency of roentgen studies during the healing of distal radius and fibula fractures] Schleicher C, et al. **Radiol Diagn (Berl)** 1984;25(4):425-33 (Eng. Abstr.) **(Ger)**

[Results of treatment and follow-up of lower leg comminuted fractures treated either conservatively or with minimal osteosynthesis] Prendinger G, et al. **Unfallchirurg** 1985 May;88(5):223-6 (Eng. Abstr.) **(Ger)**

[Surgical management of fractures of the distal articular end of the tibia and fibula. Experience with 505 cases of ankle fractures] Csomor L, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1984; 27(3):183-90 (Eng. Abstr.) **(Hun)**

[Free cutaneous and musculo-cutaneous flaps in the treatment of open fractures of crural bones and points of resistance] Kobus K, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(3):239-44 (Eng. Abstr.) **(Pol)**

[Treatment of injury of the tibiofibular syndesmosis using wire traction] Modrzewski K. **Chir Narzadow Ruchu Ortop Pol** 1984;49(3):221-4 (Eng. Abstr.) **(Pol)**

[Conservative treatment of recent closed fractures of the crural bones] Popko J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(4):319-23 (Eng. Abstr.) **(Pol)**

[Device for surgical treatment of leg fractures] Abolina AE, et al. **Ortop Travmatol Protez** 1984 Sep;(9):53 **(Rus)**

[Prevention of purulent complications of open leg fractures in the early hospital stage] Agadzhanian VV, et al. **Ortop Travmatol Protez** 1984 Oct;(10):14-7 **(Rus)**

[Use of distraction-compression osteosynthesis in the rehabilitation of invalids with sequelae of crural bone fractures] Blinov BV. **Ortop Travmatol Protez** 1985 May; (5):44-5 **(Rus)**

[Economic effectiveness of the rehabilitative management of invalids with sequelae of crural bone fractures] Blinov BV, et al. **Ortop Travmatol Protez** 1984 Nov;(11):68-70 **(Rus)**

[Role of intra-arterial infusion of antibiotics and extrafocal osteosynthesis in the treatment of open fractures of the crural bones] Cherkes-Zade DI, et al. **Ortop Travmatol Protez** 1985 Jan;(1):16-9 (Eng. Abstr.) **(Rus)**

[Stressful state of the ankle joint on photoelastic models with artificial ligaments] Evseev VI, et al. **Ortop Travmatol Protez** 1985 May;(5):17-20 (Eng. Abstr.) **(Rus)**

[Variants of osteogenesis in the treatment of flail pseudarthroses by the compression-distraction method] Giul'nazarova SV, et al. **Ortop Travmatol Protez** 1985 May; (5):20-3 (Eng. Abstr.) **(Rus)**

[Inveterate fracture-dislocations of the ankle joint and their treatment] Revenko TA, et al. **Ortop Travmatol Protez** 1985 Apr;(4):65-70 **(Rus)**

[Regional administration of vitamins C and B 1 and calcium gluconate in the treatment of closed diaphyseal fractures] Shaĭkhiev USh, et al. **Ortop Travmatol Protez** 1984 Nov; (11):31-3 (Eng. Abstr.) **(Rus)**

[Treatment of diaphyseal fractures of the crural bones] Baskevich MIa. **Vestn Khir** 1985 Mar;134(3):82-5 (Eng. Abstr.) **(Rus)**

[Repositioning of inveterate fractures of the foreleg using external fixation devices] Cársky S, et al. **Rozhl Chir** 1984 Oct;63(10):677-83 (Eng. Abstr.) **(Slo)**

PATHOLOGY

Fibular lipoma with areas of bone infarct calcification. Lagier R. **Eur J Radiol** 1985 Aug;5(3):226-7

RADIONUCLIDE IMAGING

Scintigraphic skeletal 'doughnut' sign due to giant cell tumor of the fibula. Veluvolu P, et al. **Clin Nucl Med** 1984 Nov; 9(11):631-4

SURGERY

Aneurysmal bone cyst of the fibula: en bloc resection with allograft reconstruction. Lubliner JA, et al. **Bull Hosp Jt Dis Orthop Inst** 1985 Spring;45(1):80-6

The transtibio-fibular graft in the treatment of pseudarthrosis of the tibia with loss of bone substance. Ruggieri F, et al. **Ital J Orthop Traumatol** 1984 Dec;10(4):439-48

Rotational osteotomy of the distal tibia and fibula. Bennett JT, et al. **J Pediatr Orthop** 1985 May-Jun;5(3):294-8

[Abbreviation osteotomy] Náhoda J. **Acta Chir Orthop Traumatol Cech** 1984 Jul;51(4):319-23 (Eng. Abstr.) **(Cze)**

[Subcapitular osteotomy of the fibula in valgization] Docquier J, et al. **Acta Orthop Belg** 1984 Sep-Oct; 50(5):591-600 (Eng. Abstr.) **(Fre)**

[Value of fibula osteotomy/resection in the treatment concept of fractures and pseudarthroses of the lower leg] Otto W, et al. **Beitr Orthop Traumatol** 1984 Dec;31(12):643-55 (Eng. Abstr.) **(Ger)**

[Amputation of the lower limbs with fixation of the muscles to the bone] Shevchuk VI. **Ortop Travmatol Protez** 1985 Jun;(6):27-31 (Eng. Abstr.) **(Rus)**

TRANSPLANTATION

Vascularized bone grafts for reconstruction after tumor surgery. Dunham WK, et al. **Ala J Med Sci** 1984 Oct; 21(4):407-11

Infected non-union of a femur treated with a vascularized fibular graft. Scott WA. **Injury** 1985 Jul;16(7):455-6

Subluxing peroneal tendons. Treatment with the use of an autogenous sliding bone graft. Lowy A, et al. **J Am Podiatr Med Assoc** 1985 May;75(5):249-53

Free vascularised fibular graft in the treatment of congenital pseudarthrosis of the tibia. Pho RW, et al. **J Bone Joint Surg [Br]** 1985 Jan;67(1):64-70

Vascularized bone grafts in the treatment of infected forearm nonunions. Dell PC, et al. **J Hand Surg [Am]** 1984 Sep; 9(5):653-8

A vascularized fibula model to study vascularized canine bone grafts. Shaffer JW, et al. **Microsurgery** 1984; 5(4):185-90

[Experimental study of vascularized fibular grafting including the epiphyseal growth plate--autogenous orthotopic grafting] Yoshizaki K. **Nippon Seikeigeka Gakkai Zasshi** 1984 Aug;58(8):813-28 (Eng. Abstr.) **(Jpn)**

[Reconstruction of the humeral shaft in children with anatomical resection of cystoid changes with simultaneous implant of autologous fibula] Faflik J, et al. **Chir Narzadow Ruchu Ortop Pol** 1985;50(1):8-12 (Eng. Abstr.) **(Pol)**

[Treatment of pseudarthroses and ununited fractures of the forearm bones using revascularized autotransplantation of the cortical layer of the fibula] Stepanov GA, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):97-100 (Eng. Abstr.) **(Rus)**

FICIN see under **PEPTIDE PEPTIDOHYDROLASES**

FICOLL see under **POLYSACCHARIDES**

FICUSIN see under **PSORALENS**

FIELD DEPENDENCE-INDEPENDENCE

Age and field independence among women. Crosson CW. **Exp Aging Res** 1984 Autumn;10(3):165–70

Cognitive style and the behavioral differences of nursing students in the clinical setting. Hodson KE. **J Nurs Educ** 1985 Feb;24(2):58–62

Stimulus augmenting and field dependence in children of alcoholic fathers. Hennecke L. **J Stud Alcohol** 1984 Nov;45(6):486–92

Left-handedness and field-independence. Newland GA. **Neuropsychologia** 1984;22(5):617–9

Do confusing information and egocentric instructions influence perception? Brown MS. **Percept Mot Skills** 1984 Aug;59(1):15–20

Relationship of stress and ego energy to field-dependent perception in older adults. Daly EB. **Percept Mot Skills** 1984 Dec;59(3):919–26

Influence of instructions and cognitive articulation on reducing the Müller-Lyer illusion with a repeated trial. Di Nuovo S. **Percept Mot Skills** 1984 Dec;59(3):791–6

Intuition, cognitive style, and hemispheric processing. Fallik B, et al. **Percept Mot Skills** 1985 Jun;60(3):683–97

Perceptual experience in learning to read. Fogliani-Messina TM, et al. **Percept Mot Skills** 1984 Oct;59(2):479–82

Children's embedded figures test: an examination of item difficulty in grades K–4. Hardy RC, et al. **Percept Mot Skills** 1984 Aug;59(1):21–2

The TM-Sidhi programme and field independence. Jedrczak A, et al. **Percept Mot Skills** 1984 Dec;59(3):999–1000

Field dependence as a factor in sports with preponderance of open or closed skills. McLeod B. **Percept Mot Skills** 1985 Apr;60(2):369–70

The Goodenough-Harris Drawing Test as a measure of field-dependence/independence. Saracho ON. **Percept Mot Skills** 1984 Dec;59(3):887–92

Cognitive styles: illusory phenomena. Schiano DJ, et al. **Percept Mot Skills** 1985 Feb;60(1):201–2

Obesity as a variable affecting performance on the rod and frame test. Thomason JA. **Percept Mot Skills** 1984 Oct;59(2):476–8

[Field dependence-independence and operational thought in girls and boys] Bajard G. **Annee Psychol** 1984;84(3):347–67 (Eng. Abstr.) **(Fre)**

FIGURAL AFTEREFFECT

Suppression of visible persistence. Di Lollo V, et al. **J Exp Psychol [Hum Percept]** 1985 Jun;11(3):304–16

Evidence for color-contingent organizational aftereffects. Petersik JT, et al. **Percept Mot Skills** 1984 Oct;59(2):459–65

A three-dimensional motion aftereffect produced by prolonged adaptation to a rotation simulation. Petersik JT, et al. **Perception** 1984;13(4):489–97

Are McCollough effects conditioned responses? Skowbo D. **Psychol Bull** 1984 Sep;96(2):215–26

Associative blocking of the McCollough effect. Westbrook RF, et al. **Q J Exp Psychol** [A] 1984 May;36(2):309–18

Perceptgenetic defenses against anxiety and a threatened sense of self as seen in terms of the Spiral Aftereffect Technique. Andersson AL, et al. **Scand J Psychol** 1985;26(2):123–39

[Duration of spiral after-effects in psychosomatic patients (a psychophysiologic study and analysis of data using multivariate procedures)] Grünberger J, et al. **Wien Klin Wochenschr** 1984 Aug 3;96(15):592–7 (Eng. Abstr.) **(Ger)**

[Aftereffect of longer fixations on distance perception: an evaluation of motor interpretations] Heuer H. **Z Exp Angew Psychol** 1985;32(1):33–54 (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

The influence of adapting velocity and luminance on the movement after-effect. Buckingham T, et al. **Ophthalmic Physiol Opt** 1985;5(2):117–24

A motion aftereffect from an isoluminant stimulus. Mullen KT, et al. **Vision Res** 1985;25(5):685–8

The influence of background motion on the motion aftereffect. Smith AT, et al. **Vision Res** 1984;24(9):1075–82

Short test flashes produce large tilt aftereffects. Wolfe JM. **Vision Res** 1984;24(12):1959–64

FILARIASIS

Brugia pahangi: comparative susceptibility of the Mongolian jird, Meriones unguiculatus, and the PD4 inbred hamster, Mesocricetus auratus. Carraway JH, et al. **Exp Parasitol** 1985 Feb;59(1):68–73

Brugia malayi: intravenous injection of microfilariae in ferrets as an experimental method for occult filariasis. Thompson JP, et al. **Exp Parasitol** 1985 Oct;60(2):181–94

Loiasis. Marriott WR. **Int J Dermatol** 1985 Jun;24(5):329–32

The lymphatic filariases [editorial] **Lancet** 1985 May 18;1(8438):1135–6

Tinea imbricata, filariasis, hydrocoeles and wound infection [letter] Barss P. **Papua New Guinea Med J** 1983 Jun;26(2):151

Lymphatic filariasis. Fourth report of the WHO Expert Committee on Filariasis. **WHO Tech Rep Ser** 1984;702:3–112

COMPLICATIONS

Lymphedema secondary to filariasis. Leonard JC, et al. **Clin Nucl Med** 1985 Mar;10(3):203

Cystic swelling in axilla (a rare presentation of filariasis). Bedi VP, et al. **J Indian Med Assoc** 1984 Dec;82(12):448–9

[Advances in filarial chyluria research] Chen JT. **Chung Hua I Hsueh Tsa Chih** 1984 Jul;64(7):457–9 **(Chi)**

DIAGNOSIS

Field evaluation of ELISA using Wuchereria bancrofti mf ES antigen for bancroftian filariasis. Harinath BC, et al. **Bull WHO** 1984;62(6):941–4

Comparative efficiency of Wuchereria bancrofti microfilarial and larval excretory-secretory antigens in ELISA for the diagnosis of tropical eosinophilia and bancroftian filariasis. Malhotra A, et al. **Indian J Exp Biol** 1984 Oct;22(10):520–2

Detection of circulating antigen in bancroftian filariasis by sandwich ELISA using filarial serum IgG. Reddy MV, et al. **J Helminthol** 1984 Sep;58(3):259–62

Loa loa. An unusual case of chronic urticaria and angioedema in the United States. Van Dellen RG, et al. **JAMA** 1985 Apr 5;253(13):1924–5

Studies on filariasis in Singapore: immunodiagnosis using indirect immunofluorescence. Ho LC, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun;15(2):175–8

Immunodiagnosis of filariasis: comparison of enzyme-linked immunosorbent assay (ELISA) using excretory-secretory antigens with indirect immunofluorescence. Ho LC, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep;15(3):423–4

Comparison of methods for the detection of microfilariae of Wuchereria bancrofti in Western Samoa. Kimura E, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun;15(2):167–74

[Bone marrow pseudoparasitization (letter)] Barbolla L, et al. **Sangre (Barc)** 1985;30(3):369 **(Spa)**

DRUG THERAPY

Diethylcarbamazine-mediated clearance of Brugia pahangi microfilariae in immunodeficient nude mice. Vickery AC, et al. **Am J Trop Med Hyg** 1985 May;34(3):476–83

The response to Litomosoides carinii to antifilarial agents in cotton rat (Sigmodon hispidus) & multimammate rat (Mastomys natalensis). Misra S, et al. **Indian J Med Res** 1984 Jun;79:749–54

Relationship between urine pH and clearance of microfilaraemia following diethylcarbamazine treatment. Roychowdhury SP, et al. **J Commun Dis** 1984 Jun;16(2):100–3

Control of Bancroftian filariasis with diethylcarbamazine in rural areas of Valsad district, Gujarat State. Sharma SP, et al. **J Commun Dis** 1984 Dec;16(4):282–6

Brugia pahangi in the BALB/C mouse: a model for testing filaricidal compounds. Devaney E, et al. **J Helminthol** 1985 Jun;59(2):95–9

Studies of potential filaricides: Part 14—Activity of 1-iso-butoxycarbonyl-4-methylpiperazine against experimental filariasis. Rastogi R, et al. **J Helminthol** 1984 Sep;58(3):251–4

Comparison of activities of mononuclear phagocyte system between the cotton rat, Sigmodon hispidus, and the jird, Meriones unguiculatus, in relation to the treatment of filariasis. Hayashi Y, et al. **Jpn J Exp Med** 1983 Dec;53(6):257–62

Mebendazole treatment of loaiasis [letter] Van Hoegaerden M, et al. **Lancet** 1985 Jun 1;1(8440):1278

Efficacy of diethylcarbamazine in eradicating infection with lymphatic-dwelling filariae in humans. Ottesen EA. **Rev Infect Dis** 1985 May-Jun;7(3):341–56

Clinical trial on furapyrimidone in filariasis. Chen MG, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep;15(3):287–93

Filaricidal effects of cyclosporin-A against Dipetalonema viteae in Mastomys natalensis. Bout D, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):670–1

Treatment of elephantiasis in a community with timorian filariasis. Partono F. **Trans R Soc Trop Med Hyg** 1985;79(1):44–6

Treatment with ivermectin of cattle naturally infested with Parafilaria bovicola in Burundi. Merker MK. **Trop Anim Health Prod** 1985 Feb;17(1):1–2

Studies on the causation of adverse reactions in microfilaraemic host following diethylcarbamazine therapy (Dipetalonema viteae in Mastomys natalensis). Singh DP, et al. **Trop Med Parasitol** 1985 Mar;36(1):21–4

[Furapyrimidone in the treatment of bancroftian filariasis] Ren YF. **Chung Hua Nei Ko Tsa Chih** 1985 Apr;24(4):221–3, 255 (Eng. Abstr.) **(Chi)**

[Follow-up study on the outcome of filarial mass treatment] Fukumoto H. **Fukuoka Igaku Zasshi** 1984 Aug;75(8):484–95 (Eng. Abstr.) **(Jpn)**

ECONOMICS

[Economic evaluation of the morbidity and treatment of imported filiariasis and its prevention] Mikhallova VA, et al. **Med Parazitol (Mosk)** 1985 May-Jun;(3):57–62 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Serum aspartate and alanine aminotransferase in filariasis. Nduka N. **Clin Chim Acta** 1985 Jun 30;149(1):75–9

FAMILIAL & GENETIC

HLA and filariasis in Sri Lankans and Indians. Chan SH, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep;15(3):281–6

HISTORY

[Bancrofti filariasis in Cuba (editorial)] Sotolongo Guerra F. **Rev Cubana Med Trop** 1984 May-Aug;36(2):121–4 **(Spa)**

IMMUNOLOGY

Detection of circulating antigen in bancroftian filariasis by using a monoclonal antibody. Dissanayake S, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1130–40

Humoral immune responses in human loaiasis. Orlando G, et al. **Boll Ist Sieroter Milan** 1982;61(3):258–61

Opposing effects of filariasis and chronic malaria on immunoregulatory T lymphocytes. Piessens WF, et al. **Diagn Immunol** 1983;1(3):257–60

Sequential changes in the antibody response of Mastomys natalensis consequent to Brugia malayi infection. Tyagi K, et al. **Indian J Med Res** 1985 Mar;81:269–74

Induction of host resistance to Brugia pahangi in jirds (Meriones unguiculatus) protected by chemoprophylaxis. Chusattayanond W, et al. **J Helminthol** 1984 Sep;58(3):245–9

A monoclonal antibody-based immunoradiometric assay for detection of circulating antigen in Bancroftian filariasis. Forsyth KP, et al. **J Immunol** 1985 Feb;134(2):1172–7

IgE responses in human filariasis. III. Specificities of IgE and IgG antibodies compared by immunoblot analysis. Hussain R, et al. **J Immunol** 1985 Aug;135(2):1415–20

Prominence of IgG4 in the IgG antibody response to human filariasis. Ottesen EA, et al. **J Immunol** 1985 Apr;134(4):2707–12

Defense reactions of mosquitoes to filarial worms: potential mechanism for avoidance of the response by Brugia pahangi microfilariae. Lafond MM, et al. **J Invertebr Pathol** 1985 Jul;46(1):26–30

Age of appearance of IgG, IgM, and IgE antibodies specific for Loa loa in Gabonese children. Goussard B, et al. **Microbiol Immunol** 1984;28(7):787–92

The genetic control of host responses to Dipetalonema viteae (Filarioidea) infections in mice. Storey N, et al. **Parasite Immunol** 1985 Jul;7(4):349–58

Immunity to Brugia pahangi in athymic nude and normal mice: eosinophilia, antibody and hypersensitivity responses. Vickery AC, et al. **Parasite Immunol** 1984 Nov;6(6):545–59

Humoral immune responses to soluble somatic extracts of Dipetalonema viteae adult worms infected hamsters. Chu MH, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar;16(1):22–30

Immune response in a symptomatic case of Tetrapetalonema perstans infection. Almaviva M, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):489–91

OCCURRENCE

Human filariasis in two forest villages in Maniema (Kivu, Zaire). Gryseels B, et al. **Ann Soc Belg Med Trop** 1985 Jun;65(2):163–71

Filarial diseases in Ceylon: a geographic and historical analysis. Schweinfurth U. **Ecol Dis** 1983;2(4):309–19

Bancroftian filariasis in two selected rural communities in Puri district: Orissa—a comparative study of filariometric data. Rath RN, et al. **J Commun Dis** 1984 Jun;16(2):104–12

Bancroftian filariasis in young adult males from Nile delta. el-Ridi AM, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):471–6

Malaria and filariasis in the Ok Tedi Region of the Star Mountains, Papua New Guinea. Cattani J, et al. **Papua New Guinea Med J** 1983 Jun;26(2):122–6

Wuchereria bancrofti in a Haitian immigrant. Morris RC, et al. **South Med J** 1985 Apr;78(4):484–5

Bancroftian filariasis and malaria in island and hinterland populations in Sabah, Malaysia. Hii J, et al. **Trop Geogr Med** 1985 Jun;37(2):93–101

Prospects of human malaria and Bancroftian filariasis infections in the Lower Rufiji Basin, Tanzania II. Bancroftian filariasis. Matola YG. **Trop Geogr Med** 1985 Jun;37(2):108–13

[Survey on filariasis in New Caledonia] Le Godinec G, et al. **Bull Soc Pathol Exot Filiales** 1984 May-Jun;77(3):344–51 (Eng. Abstr.) **(Fre)**

[Mansonella ozzardi in Darién (Panama)] Petersen JL, et al. **Rev Med Panama** 1984 Sep;9(3):236–46 (Eng. Abstr.) **(Spa)**

PARASITOLOGY

Radiolabeling of Brugia malayi infective larvae in mosquitoes with 75Se-methionine and detection of these larvae in tissues of the Mongolian jird by autoradiography. Frongillo MK, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):924-9

Parasitologic and clinical features of bancroftian filariasis in a community in East Sepik Province, Papua New Guinea. Kazura JW, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1119-23

Parasitological, serological, and clinical studies of Wuchereria bancrofti in Limbe, Haiti. Raccurt CP, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1124-9

Intra-testicular inoculation of Brugia pahangi infective larvae into inbred GN hamsters. Kimura E, et al. **J Parasitol** 1984 Dec;70(6):1011-2

Hybridization between Brugia malayi and Brugia pahangi from south Kalimantan, Indonesia. Cross JH, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun;15(2):190-3

Diurnally subperiodic and non-periodic Brugia type in Balikpapan, East Kalimantan, Indonesia. Sudjadi FA, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep;15(3):425-6

[Simplified methods of determining the peak hour and periodicity index of human microfilaria] Wang JY. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 May;18(3):158-61 (Eng. Abstr.) **(Chi)**

[Localization of the filaria Loa loa in the anterior chamber of the eye. Apropos of a case] Carme B, et al. **Acta Trop (Basel)** 1984 Sep;41(3):265-9 (Eng. Abstr.) **(Fre)**

[Holochilus brasiliensis nanus Thomas, 1897. Suggestion for an experimental model for filariasis, leishmaniasis and schistosomiasis] Bastos O de C, et al. **Rev Inst Med Trop Sao Paulo** 1984 Nov-Dec;26(6):307-15 (Eng. Abstr.) **(Por)**

PATHOLOGY

Pathology of experimental infection with Brugia malayi in ferrets: comparison with occult filariasis in man. Crandall RB, et al. **Acta Trop (Basel)** 1984 Dec;41(4):373-81

Loiasis: 'Calabar' swellings and involvement of deep organs. Negesse Y, et al. **Am J Trop Med Hyg** 1985 May;34(3):537-46

The histology and ultrastructure of the Meyers-Kouwenaar body in ferrets infected with Brugia malayi. Thompson JP, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1141-6

[Filariasis of the Loa loa type] Hess C. **Schweiz Rundsch Med Prax** 1985 May 14;74(20):541-2 **(Ger)**

[Filariasis bancrofti] Almdahl SM, et al. **Tidsskr Nor Laegeforen** 1985 Jan 20;105(2):139-40 (Eng. Abstr.) **(Nor)**

PREVENTION & CONTROL

Control of Brugia malayi filariasis with common salt medicated with DEC in some hill-tribe settlements of Kerala. Chandrasekharan A, et al. **Indian J Med Res** 1984 May;79:600-3

Cursory survey of lymphatic filariasis. An overview. Dasgupta A. **Indian J Pathol Microbiol** 1984 Oct;27(4):273-80

Impact of diethylcarbamazine treatment of selective microfilaria carriers and filarial cases under rural filaria control project in Valsad district, Gujarat. Raina VK, et al. **J Commun Dis** 1984 Sep;16(3):247-9

Experience in using diethylcarbamazine (DEC) in the control of lymphatic filariasis in India. Rao CK. **J Commun Dis** 1985 Mar;17(1):36-45

Vaccination of BALB/c mice against Brugia malayi and B. pahangi with larvae attenuated by gamma irradiation. Hayashi Y, et al. **Jpn J Exp Med** 1984 Aug;54(4):177-81

Passive transfer of protective immunity against Brugia malayi in BALB/c mice. Hayashi Y, et al. **Jpn J Exp Med** 1984 Aug;54(4):183-7

[Eradication of filariasis in Shandong Province] Zhong CH. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Sep;18(5):260-3 (Eng. Abstr.) **(Chi)**

[Successes and problems in controlling filariasis of the lymphatic system in Sri Lanka] Neuimin NI. **Med Parazitol (Mosk)** 1984 Jul-Aug;(4):31-4 (Eng. Abstr.) **(Rus)**

THERAPY

Loa loa: the use of a blood cell separator to reduce microfilaraemia before specific chemotherapy. Saeed AA, et al. **J Infect** 1984 Sep;9(2):161-6

[Value of cytopheresis in the treatment of loaiasis (letter)] Chandenier J, et al. **Presse Med** 1985 Mar 30;14(13):745 **(Fre)**

TRANSMISSION

Filariasis transmission in Samoa. I. Relation between density of microfilariae and larval density in laboratory-bred and wild-caught Aedes (Stegomyia) polynesiensis (Marks) and wild-caught Aedes (Finlaya) samoanus (Gruenberg). Samarawickrema WA, et al. **Ann Trop Med Parasitol** 1985 Feb;79(1):89-100

Filariasis transmission in Samoa. II. Some factors related to the development of microfilariae in the intermediate host. Samarawickrema WA, et al. **Ann Trop Med Parasitol** 1985 Feb;79(1):101-7

Transplacental transmission in bancroftian filariasis. Rao KR, et al. **Indian J Med Res** 1984 Apr;79:495-6

Status of lymphatic filariasis transmission in Srinagar and Baramulla towns--Jammu and Kashmir state. Raina VK, et al. **J Commun Dis** 1985 Mar;17(1):92-3

Filariasis in Bengkoka Peninsula, Sabah, Malaysia: vector studies in relation to the transmission of filariasis. Chiang GL, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun;15(2):179-89

Filariasis in Bengkoka Peninsula, Sabah, Malaysia: bionomics of Mansonia sp. Chiang GL, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep;15(3):294-302

The effect of different types of skin surfaces on the transmission of Brugia pahangi infective larvae by the mosquito Aedes aegypti. Lindsay SW, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):56-9

URINE

Detection of filarial antigen in urine by sandwich ELISA & its use in diagnosis. Malhotra A, et al. **Indian J Med Res** 1985 Feb;81:123-8

VETERINARY

Serum protein changes and their correlation with antibody production in rabbits following induced Setaria cervi infection. Khatoon H, et al. **Angew Parasitol** 1984 Nov;25(4):203-7

Dipetalonema reconditum in dogs with microfilaraemia. Boreham PF, et al. **Aust Vet J** 1985 Jan;62(1):27-8

Prevalence of Dirofilaria immitis and Dipetalonema reconditum in greyhounds. Martin TE, et al. **Aust Vet J** 1985 May;62(5):159-63

Hepatic microsomal alterations during Dipetalonema viteae infection in Mastomys natalensis. Srivastava AK, et al. **Int J Parasitol** 1985 Apr;15(2):171-4

Periorchitis after tetramisole treatment in bulls implanted with Setaria labiatopapillos. Powe TA, et al. **J Am Vet Med Assoc** 1985 Mar 15;186(6):588-9

Prevalence of Setaria equina (Nematode: Onchocercidae) in southeastern Louisiana horses. Coleman SU, et al. **J Parasitol** 1985 Aug;71(4):512-3

Brugia lepori sp. n. (Filarioidea: Onchocercidae) from rabbits (Sylvilagus aquaticus, S. floridanus) in Louisiana. Eberhard ML. **J Parasitol** 1984 Aug;70(4):576-9

Development of Dipetalonema gracile in the squirrel monkey (Saimiri sciureus), with notes on its biology. Travi BL, et al. **J Parasitol** 1985 Feb;71(1):17-9

Manifestations of bovine parafilariasis. Kretzmann PM, et al. **J S Afr Vet Assoc** 1984 Sep;55(3):127-9

Prevalence of Oslerus osleri (Cobbold, 1879) in coyotes (Canis latrans Say) from Connecticut. Carlson BL, et al. **J Wildl Dis** 1985 Jan;21(1):64-5

Prevalence and distribution of Elaeophora schneideri Wehr and Dikmans, 1935 in mule deer in Utah. Pederson JC, et al. **J Wildl Dis** 1985 Jan;21(1):66-7

A pathological study in cynomolgus monkeys infected with Edesonfilaria malayensis. Nonoyama T, et al. **Lab Anim Sci** 1984 Dec;34(6):604-9

The longevity of adult Parafilaria bovicola and the persistence of their associated carcass lesions in cattle in South Africa. Nevill EM, et al. **Onderstepoort J Vet Res** 1984 Jun;51(2):115-8

Seasonal abundance and distribution of Parafilaria bovicola ovipositional blood spots on cattle in South Africa. Nevill EM. **Onderstepoort J Vet Res** 1984 Jun;51(2):107-14

Histopathological changes in the proventriculus of fowl given experimental monospecific infection with Acuaria spiralis. Ramaswamy K, et al. **Vet Parasitol** 1985 Apr;17(4):309-17

Filaroides hirthi in a British bred beagle dog. Spencer A, et al. **Vet Rec** 1985 Jul 6;117(1):8-10

[Experimental transmission of Monanema nilotica El Bihari & coll., 1977, a filaria with skin-dwelling microfilaria parasitic in African murids] Bain O, et al. **Ann Parasitol Hum Comp** 1985;60(1):83-9 (Eng. Abstr.) **(Fre)**

[Finding of Dipetalonema reconditum (Grassi, 1890) (Nematoda: Filarioidea) in a dog in Cuba] Bouza M, et al. **Rev Cubana Med Trop** 1984 Jan-Apr;36(1):22-9 (Eng. Abstr.) **(Spa)**

FILARICIDES see under **ANTHELMINTICS**

FILARIOIDEA

Recovery and viability of Dirofilaria immitis microfilariae. Grieve RB, et al. **Acta Trop (Basel)** 1984 Sep;41(3):271-8

Prevalence of Dirofilaria immitis and Dipetalonema reconditum in greyhounds. Martin TE, et al. **Aust Vet J** 1985 May;62(5):159-63

Natural incidence of Setaria equina (Nematoda: Filarioidea) from Aedes canadensis (Diptera: Culicidae) in North America. LeBrun RA, et al. **J Med Entomol** 1984 Jul 26;21(4):472-3

Characterization of refractoriness in Aedes aegypti (Diptera: Culicidae) to infection by Dirofilaria immitis. Sauerman DM Jr, et al. **J Med Entomol** 1985 Jan 18;22(1):94-101

ANALYSIS

Brugia malayi: stage-specific expression of carbohydrates containing N-acetyl-D-glucosamine on the sheathed surfaces of microfilariae. Kaushal NA, et al. **Exp Parasitol** 1984 Oct;58(2):182-7

An evaluation of different methods for labelling the surface of the filarial nematode Brugia pahangi with 125iodine. Marshall E, et al. **Mol Biochem Parasitol** 1985 Jun;15(3):295-304

Biochemical surface components of Brugia pahangi microfilariae. Sayers G, et al. **Parasitology** 1984 Dec;89 (Pt 3):425-34

ANATOMY & HISTOLOGY

A microfilaria of exceptional size from the ixodid tick, Ixodes dammini, from Shelter Island, New York. Beaver PC, et al. **J Parasitol** 1984 Dec;70(6):963-6

A method for isolation and purification of the sheath of microfilariae of Brugia malayi. Srivastava AK. **J Parasitol** 1985 Apr;71(2):257-8

Human subcutaneous dirofilariasis. 1. Two new cases in Venice. Identification of the causal agent as Dirofilaria repens Raillet and Henry, 1911. Pampiglione S, et al. **Parassitologia** 1982 Dec;24(2-3):155-65

[2 new filariae of a monkey, Saimiri sciureus, in Guyana] Petit G, et al. **Ann Parasitol Hum Comp** 1985;60(1):65-81 (Eng. Abstr.) **(Fre)**

[Comparison between the microfilariae of Dipetalonema reconditum (Grassi, 1890) and Dirofilaria immitis (Leidy, 1856) (Nematoda: Filarioidea)] Bouza Suárez M, et al. **Rev Cubana Med Trop** 1984 May-Aug;36(2):160-4 (Eng. Abstr.) **(Spa)**

CLASSIFICATION

Dirofilariasis presenting as a breast lump (correction) [letter] **Can Med Assoc J** 1984 Nov 15;131(10):1193

Brugia lepori sp. n. (Filarioidea: Onchocercidae) from rabbits (Sylvilagus aquaticus, S. floridanus) in Louisiana. Eberhard ML. **J Parasitol** 1984 Aug;70(4):576-9

Differentiation of species and life cycle stages of Brugia spp. by isoenzyme analysis. Flockhart HA, et al. **J Parasitol** 1984 Jun;70(3):378-84

DRUG EFFECTS

Development of a chemotherapeutic model for microfilaricidal drugs to Dirofilaria immitis. April M, et al. **Acta Trop (Basel)** 1984 Dec;41(4):383-9

Diethylcarbamazine: in vitro inhibitory effect on microfilarial production by Dirofilaria immitis. Tamashiro WK, et al. **J Parasitol** 1985 Jun;71(3):381-3

Evaluation of the transplantation method of adult brugia malayi into the jird, Meriones unguiculatus, for testing macrofilaricides. Sadanaga A, et al. **Jpn J Exp Med** 1984 Dec;54(6):275-7

Sheathed and unsheathed microfilarial surfaces, interactions with host serum proteins in diethylcarbamazine. Hammerberg B. **Trop Med Parasitol** 1985;36 Suppl 1:5-9

Effect of diethylcarbamazine on serum-dependent cell-mediated immune reactions to microfilariae in vitro. Chandrashekar R, et al. **Tropenmed Parasitol** 1984 Sep;35(3):177-82

ENZYMOLOGY

Histochemical enzyme pattern of microfilaria of Setaria cervi. Khatoon H, et al. **Acta Morphol Neerl Scand** 1984 Dec;22(4):289-95

Parasite-specific inhibition of 5'-nucleotidase from Onchocerca volvulus and Dirofilaria immitis by the amoscanate-derivative CGP 8065. Walter RD, et al. **Mol Biochem Parasitol** 1985 Aug;16(2):109-15

Protein kinases in different life stages of Brugia malayi and other filarial worms. Saxena JK, et al. **Tropenmed Parasitol** 1984 Sep;35(3):174-6

GENETICS

Hybridization between Brugia malayi and Brugia pahangi from south Kalimantan, Indonesia. Cross JH, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun;15(2):190-3

GROWTH & DEVELOPMENT

Dirofilaria immitis: the moulting of the infective larva in vitro. Devaney E. **J Helminthol** 1985 Mar;59(1):47-50

Intra-testicular inoculation of Brugia pahangi infective larvae into inbred GN hamsters. Kimura E, et al. **J Parasitol** 1984 Dec;70(6):1011-2

Comparative development of Brugia malayi in susceptible and refractory genotypes of Aedes aegypti. Rodriguez PH, et al. **J Parasitol** 1984 Dec;70(6):1001-2

Development of Dipetalonema gracile in the squirrel monkey (Saimiri sciureus), with notes on its biology. Travi BL, et al. **J Parasitol** 1985 Feb;71(1):17-9

The longevity of adult Parafilaria bovicola and the persistence of their associated carcass lesions in cattle in South Africa. Nevill EM, et al. **Onderstepoort J Vet Res** 1984 Jun;51(2):115-8

Brugia malayi: serum dependent cell-mediated reactions to microfilariae. Chandrashekar R, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar;16(1):15-21

Development of Dirofilaria immitis third stage larvae (Nematoda: Filarioidea) in micropore chambers implanted into surrogate hosts. Delves CJ, et al. **Trop Med Parasitol** 1985 Mar;36(1):29-31

[Preliminary report on the susceptibility of mosquitoes to Brugia pahangi] Wu CC, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1984 Aug;17(3):156–60 (Eng. Abstr.) (Chi)

[Experimental transmission of Monanema nilotica El Bihari & coll., 1977, a filaria with skin-dwelling microfilaria parasitic in African murids] Bain O, et al. **Ann Parasitol Hum Comp** 1985;60(1):83–9 (Eng. Abstr.) (Fre)

IMMUNOLOGY

Extraction and partial characterization of surfactant–soluble antigens from adult female Dirofilaria immitis. Grieve RB, et al. **Acta Trop (Basel)** 1985 Mar;42(1):63–70

Activation of the alternative complement pathway in normal human serum by Loa loa and Brugia malayi infective stage larvae. Yates JA, et al. **Acta Trop (Basel)** 1985 Jun; 42(2):157–63

Quantitative and qualitative changes in the humoral response of dogs through the course of infection with Dirofilaria immitis. Tamashiro WK, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):292–301

Diagnostic criteria for an enzyme–linked immunosorbent assay for occult heartworm disease: standardization of the test system in naturally exposed dogs. Gillis JM, et al. **Am J Vet Res** 1984 Nov;45(11):2289–92

Immunoradiometric assay for quantitation of Dirofilaria immitis antigen in dogs with heartworm infections. Hamilton RG, et al. **Am J Vet Res** 1984 Oct;45(10):2055–61

Serum protein changes and their correlation with antibody production in rabbits following induced Setaria cervi infection. Khatoon H, et al. **Angew Parasitol** 1984 Nov; 25(4):203–7

Mechanisms of antibody–dependent cytotoxicity of rat cells to microfilariae: effects of metabolic inhibitors and electron microscopic observations. Hopper KE, et al. **Asian Pac J Allergy Immunol** 1984 Jun;2(1):17–22

The use of monoclonal antibodies in studies of filarial parasite antigens. Haque A, et al. **Dev Biol Stand** 1985;59:63–8

Resistance against Brugia malayi microfilariae induced by a monoclonal antibody which promotes killing by macrophages and recognizes surface antigen(s). Aggarwal A, et al. **Immunology** 1985 Apr;54(4):655–63

Brugia pahangi: serum-dependent cell–mediated reactions to sheathed and exsheathed microfilariae. Chandrashekar R, et al. **Immunology** 1984 Nov;53(3):411–7

Immune reactions to exsheathed microfilariae of Litomosoides carinii. Chandrashekar R, et al. **Indian J Med Res** 1985 Mar;81:260–8

Specificity of Brugia malayi antigens in filarial skin test. Katiyar JC, et al. **Indian J Med Res** 1985 May;81:465–70

A highly purified allergen from excretory and secretory products of Dirofilaria immitis. Fujita K, et al. **Int J Parasitol** 1984 Dec;14(6):547–50

Possible sensitization by filarial antigens in diethyl–carbamazine (DEC) responsive bronchial asthma. A preliminary enquiry. Ahamed B, et al. **J Assoc Physicians India** 1984 Nov;32(11):937–8

Activation in vitro of some biological systems by extracts of adult worms and microfilariae of Dirofilaria immitis. Boreham PF. **J Helminthol** 1984 Sep;58(3):207–12

Induction of host resistance to Brugia pahangi in jirds (Meriones unguiculatus) protected by chemoprophylaxis. Chusattayanond W, et al. **J Helminthol** 1984 Sep; 58(3):245–9

Filarial parasite–specific T cell lines: induction of IgE synthesis. Nutman TB, et al. **J Immunol** 1985 Feb; 134(2):1178–84

Monoclonal antibodies to parasite antigens found in the serum of Dirofilaria immitis–infected dogs. Weil GJ, et al. **J Immunol** 1985 Feb;134(2):1185–91

Intracellular melanization of the larvae of Dirofilaria immitis in the malpighian tubules of the mosquito, Aedes sollicitans. Bradley TJ, et al. **J Invertebr Pathol** 1985 May;45(3):339–45

Defense reactions of mosquitoes to filarial worms: comparative studies on the response of three different mosquitoes to inoculated Brugia pahangi and Dirofilaria immitis microfilariae. Christensen BM, et al. **J Invertebr Pathol** 1984 Nov;44(3):267–74

Defense reaction of mosquitoes to filarial worms: role of the microfilarial sheath in the response of mosquitoes to inoculated Brugia pahangi microfilariae. Sutherland DR, et al. **J Invertebr Pathol** 1984 Nov;44(3):275–81

Ultrastructure of the melanization response of Aedes trivittatus against inoculated Dirofilaria immitis microfilariae. Forton KF, et al. **J Parasitol** 1985 Jun; 71(3):331–41

Anti–Dirofilaria immitis antibody levels before and after anthelmintic treatment of experimentally infected dogs. Grieve RB, et al. **J Parasitol** 1985 Feb;71(1):56–61

Comparison of heterologous adult Brugia malayi and homologous Onchocerca volvulus antigen in the enzyme–linked immunosorbent assay (ELISA) for Guatemalan onchocerciasis. Lujan R, et al. **J Parasitol** 1984 Jun;70(3):385–90

Vaccination of BALB/c mice against Brugia malayi and B. pahangi with larvae attenuated by gamma irradiation. Hayashi Y, et al. **Jpn J Exp Med** 1984 Aug;54(4):177–81

Surface antigens of a filarial nematode: analysis of adult Brugia pahangi surface components and their use in monoclonal antibody production. Sutanto I, et al. **Mol Biochem Parasitol** 1985 May;15(2):203–14

Immunoglobulin interactions with surfaces of sheathed and unsheathed microfilariae. Hammerberg B, et al. **Parasite Immunol** 1984 Sep;6(5):421–34

ISOLATION & PURIFICATION

Isolation of microfilariae from blood on iso–osmotic percoll gradients. Chandrashekar R, et al. **Indian J Med Res** 1984 Apr;79:497–501

A mass dissection method for collecting infective larvae of Litomosoides carinii from mites. Nakamura M, et al. **Jpn J Exp Med** 1984 Oct;54(5):221–4

Effects of a single complete nodulectomy on nodule burden and microfilarial density two years later. Albiez EJ. **Trop Med Parasitol** 1985 Mar;36(1):17–20

[Microfilaria in cervicovaginal smears in Gabon] Khalil T, et al. **Arch Anat Cytol Pathol** 1984;32(5):316–8 (Eng. Abstr.) (Fre)

METABOLISM

Phosphatidylcholine synthesis in adult Dirofilaria immitis females. Srivastava AK, et al. **Int J Parasitol** 1985 Feb; 15(1):27–31

Phosphatidylethanolamine synthesis in adult Dirofilaria immitis females. Srivastava AK, et al. **Int J Parasitol** 1985 Aug;15(4):429–33

Uptake of diethylcarbamazine by microfilariae and adults of Litomosoides carinii and Dipetalonema viteae. Srivastava VM, et al. **J Helminthol** 1984 Sep;58(3):197–9

Evidence for the occurrence of respiratory electron transport in adult Brugia pahangi and Dipetalonema viteae. Mendis AH, et al. **Mol Biochem Parasitol** 1985 Mar;14(3):337–54

Respiration and energy conservation in the filarial worm Litomosoides carinii. Ramp T, et al. **Mol Biochem Parasitol** 1985 Apr;15(1):11–20

Isoprenoid biosynthesis in filariae. Comley JC. **Trop Med Parasitol** 1985;36 Suppl 1:10–4

Lectin–binding characteristics of Brugia pahangi microfilariae. Devaney E. **Trop Med Parasitol** 1985 Mar; 36(1):25–8

Energy generation in filariae—a target for chemotherapy. Mendis AH. **Trop Med Parasitol** 1985;36 Suppl 1:15–9

Role of retinoids and their binding proteins in filarial parasites and host tissues. Sani BP, et al. **Trop Med Parasitol** 1985; 36 Suppl 1:20–3

PHYSIOLOGY

Radiolabeling of Brugia malayi infective larvae in mosquitoes with 75Se–methionine and detection of these larvae in tissues of the Mongolian jird by autoradiography. Frongillo MK, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):924–9

Surgical transplantation of adult Dirofilaria immitis to study heartworm infection and disease in dogs. Rawlings CA, et al. **Am J Vet Res** 1985 Jan;46(1):221–4

Penetration of mosquito midgut wall by sheathed microfilariae. Agudelo–Silva F, et al. **J Invertebr Pathol** 1985 Jan;45(1):117–9

Defense reactions of mosquitoes to filarial worms: potential mechanism for avoidance of the response by Brugia pahangi microfilariae. Lafond MM, et al. **J Invertebr Pathol** 1985 Jul;46(1):26–30

Transplantation of adult Dirofilaria immitis into Lewis rats: parasitologic and serologic findings. Grieve RB, et al. **J Parasitol** 1985 Jun;71(3):391–2

Diurnally subperiodic and non–periodic Brugia type in Balikpapan, East Kalimantan, Indonesia. Sudjadi FA, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):425–6

ULTRASTRUCTURE

An ultrastructural study on the encapsulation of microfilariae of Brugia pahangi in the haemocoel of Anopheles quadrimaculatus. Chen CC, et al. **Int J Parasitol** 1985 Aug; 15(4):421–8

FILARIOIDEA INFECTIONS see **FILARIASIS**

FILING

Literature filing system for hospital pharmacy practice. Thompson DF, et al. **Am J Hosp Pharm** 1984 Nov; 41(11):2392–5

Filing and retrieving a personal collection of 35–mm teaching slides in medicine. A simplified system. Prakash UB. **Arch Intern Med** 1985 Sep;145(9):1680–2

A simple and efficient system for filing professional and personal reference material. Simmonds RC, et al. **J Am Vet Med Assoc** 1985 Aug 1;187(3):228–30

METHODS

Ripping and filing Journal articles [letter] **N Engl J Med** 1984 Dec 20;311(25):1639–40

[Computers in radiology for the management of x–ray computed tomographic files] Drouineau J, et al. **J Radiol** 1984 Apr;65(4):309–10 (Fre)

FILIPIN see under **POLYENES**

FILM BADGE DOSIMETRY see **FILM DOSIMETRY**

FILM DOSIMETRY

Personal ultraviolet radiation dosimetry with polysulphone film badges. Diffey B. **Photodermatol** 1984 Jun;1(3):151–7

[Experience with the centralization of individual dosimetric control] Epishin AV, et al. **Gig Sanit** 1984 Oct;(10):63–4 (Rus)

INSTRUMENTATION

Photodosimeter badge system. Scheidt PC, et al. **Pediatrics** 1985 Feb;75(2 Pt 2):437–9

Personal solar UVR exposure: a method of increasing the reliability of measurements made with film badge dosimeters. Gibbs NK, et al. **Photodermatol** 1984 Jun; 1(3):133–6

METHODS

A simple method using film monitoring for Cf-252 brachytherapy: technical note. Beach JL, et al. **Radiat Med** 1984 Apr–Jun;2(2):140–2

FILM, X–RAY see **X–RAY FILM**

FILTRATION

Survey of the use of activated carbon water filters in Canadian homes. Tobin RS, et al. **Can J Public Health** 1984 Sep–Oct;75(5):384–7

Effect of filtration and concentration on the composition of bronchoalveolar lavage fluid. Lam S, et al. **Chest** 1985 Jun; 87(6):740–2

Quality control of reflectometric determinations of glucose in dried blood spots on filter paper. von Schenck H, et al. **Clin Chem** 1985 May;31(5):706–9

Use of a short wavelength filter in an operating microscope. Keates RH, et al. **Ophthalmic Surg** 1985 Jan;16(1):40–1

Greenfield caval filters: long–term radiographic follow-up study. Messmer JM, et al. **Radiology** 1985 Sep;156(3):613–8

[Filtering trepano–trabeculectomy with sponge–like scar] Sjarov N, et al. **Klin Monatsbl Augenheilkd** 1984 Jul; 185(1):55–8 (Eng. Abstr.) (Ger)

ADVERSE EFFECTS

An unusual thromboembolic complication of a Greenfield vena caval filter. Braun TI, et al. **Chest** 1985 Jan;87(1):127–9

[Loss of amino acids caused by hemofiltration] Torrente J, et al. **Med Clin (Barc)** 1984 Jun 30;83(5):192–4 (Eng. Abstr.) (Spa)

INSTRUMENTATION

Wedge filters for megavoltage roentgen ray beams. van der Laarse R, et al. **Acta Radiol [Oncol]** 1984;23(6):477–84

Percutaneous Kimray–Greenfield filter placement by femoral vein puncture. Denny DF, et al. **AJR** 1985 Oct; 145(4):827–9

Effects of electrostatic charge on aerosol collection with polystyrene filter cassettes. Turner S, et al. **Am Ind Hyg Assoc J** 1984 Nov;45(11):745–8

Evaluating a filter device used for intermittent intravenous drug delivery to newborn infants. Koren G, et al. **Am J Hosp Pharm** 1985 Jan;42(1):106–8

Simple charcoal filter for closed circuit anesthesia [letter] Baumgarten RK. **Anesthesiology** 1985 Jul;63(1):125

Further assessment of glasswool column filtration of semen. Paulson JD. **Arch Androl** 1984;12 Suppl:89–93

The effects of Amicon and millipore membranes upon the lymphokine titres of culture supernatants. Attridge SR, et al. **Aust J Exp Biol Med Sci** 1984 Oct;62 (Pt 5):547–50

Modification of aerosol size distribution by complex electric fields. Frey AH. **Bull Environ Contam Toxicol** 1985 Jun; 34(6):850–7

The effect of in–line filtration on tobramycin delivery. Elenbaas JK, et al. **Drug Intell Clin Pharm** 1985 Feb; 19(2):122–5

Biochemical and clinical evaluation of a new cellulose diacetate secondary filter for cascade filtration. Valbonesi M, et al. **Int J Artif Organs** 1985 Mar;8(2):105–8

The Greenfield filter: an advance in pulmonary embolism management. Burke P, et al. **Ir J Med Sci** 1984 Dec; 153(12):421–5

The helix filter: a new vena caval filter for the prevention of pulmonary embolism. Maass D, et al. **J Cardiovasc Surg (Torino)** 1985 Mar–Apr;26(2):116–23

Relative effectiveness of 'nytal' and cotton as cyclops sieving device in guineaworm affected hamlets in Rajasthan. Kaul SM, et al. **J Commun Dis** 1984 Jun;16(2):154–6

A new type of positively charged filter: preliminary test results. Carazzone M, et al. **J Parenter Sci Technol** 1985 Mar–Apr;39(2):69–75

Renal cell carcinoma invading the inferior vena cava: the use of the Greenfield filter to prevent tumor emboli during nephrectomy. Rosenthal D, et al. **J Urol** 1985 Jul; 134(1):126–7

Use of a gadolinium filter on an X–ray contrast examination. Umezaki N, et al. **Kurume Med J** 1984;31(1):15–20

Physical measurements of heavy metal filter performance. Burgess AE. **Med Phys** 1985 Mar–Apr;12(2):225–8

Less radiation and better images: a new scoliosis radiography system. Downey EF Jr, et al. **Milit Med** 1984 Sep; 149(9):526–8

A simplified light filter for microsurgery. Ellsworth RJ, et al. **Ophthalmic Surg** 1984 Sep;15(9):779

Effect of an ultraviolet-filtering intraocular lens on cystoid macular edema. Kraff MC, et al. **Ophthalmology** 1985 Mar; 92(3):366-9

Phototoxicity. The eclipse filter. McIntyre DJ. **Ophthalmology** 1985 Mar;92(3):364-5

Vena caval filter to prevent pulmonary embolism: experimental study. Work in progress. Günther RW, et al. **Radiology** 1985 Aug;156(2):315-20

Retrievable vena caval filter percutaneously introduced. Lund G, et al. **Radiology** 1985 Jun;155(3):831

Percutaneous retrieval of Kimray-Greenfield vena caval filter. Schneider PA, et al. **Radiology** 1985 Aug;156(2):547

Compensation filter for shoulder radiography. Vezina JA. **Radiology** 1985 Jun;155(3):823

Effect of membrane dimensions and shear rate on plasma filtration for hollow fibers. Jaffrin MY, et al. **Trans Am Soc Artif Intern Organs** 1984;30:401-5

Performance evaluation of conventional and modified double filtration plasmapheresis (DFPP). Mineshima M, et al. **Trans Am Soc Artif Intern Organs** 1984;30:665-70

[Use of the Synpor membrane filter for the separation and determination of the number of somatic cells in the milk of dairy cows using the indole DNA filtration method] Urbanová E, et al. **Vet Med (Praha)** 1985 Jul;30(7):409-18 (Eng. Abstr.) (Cze)

[The stability of filters for epidural catheters] Pedersen J, et al. **Ugeskr Laeger** 1985 Feb 11;147(7):614-6 (Eng. Abstr.) (Dan)

[102 Greenfield filters. Technical problems and early results] Combe J, et al. **Chirurgie** 1983;109(9):693-9 (Eng. Abstr.) (Fre)

[Malfunction of equipment by the addition of a bacterial filter in the expiratory branch of the respiratory circuit] Geyer A, et al. **Anaesthesist** 1985 Mar;34(3):129-33 (Eng. Abstr.) (Ger)

[Obstruction of bacterial filters in general anesthesia] Janda A, et al. **Anasth Intensivther Notfallmed** 1985 Feb; 20(1):35-7 (Eng. Abstr.) (Ger)

[Fundus examination without radiation burden following implantation of intraocular lenses] Schwind HB. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):315 (Eng. Abstr.) (Ger)

[Calculated rates of the filtration of antibiotic suspensions in leaf filters with horizontal filtering elements] Sinitsyn MA, et al. **Antibiot Med Biotekhnol** 1985 Feb;30(2):96-9 (Eng. Abstr.) (Rus)

[Zeolite filter for extracting carbon dioxide from air] Banakh OS, et al. **Gig Sanit** 1984 Jul;(7):67-8 (Rus)

[An electric aspiration device for taking air aerosol samples of automobile exhaust] Maslovskii RIa, et al. **Gig Sanit** 1984 Aug;(8):70-1 (Rus)

[Origin and importance of particles causing microembolisms and the clinical effectiveness of using filters in artificial circulation apparatus. III. Blood filters in open-heart surgery using artificial circulation] Brause W, et al. **Med Tekh** 1985 Mar-Apr;(2):57-61 (Rus)

METHODS

Estimation of isogravimetric capillary pressure by a filtration method in skeletal muscle and lung. Korthuis RJ, et al. **J Appl Physiol** 1984 Dec;57(6):1817-23

A rapid filtration method for receptor binding: characterization with mu and delta opiate receptors. Zadina JE, et al. **Pharmacol Biochem Behav** 1984 Dec;21(6):947-52

The future of glaucoma filtering operations. Quigley HA. **Trans New Orleans Acad Ophthalmol** 1985;:263-7

[Determination of the number of somatic cells in milk using the rapid diphenylamine DNA filter method] Sedinová V, et al. **Vet Med (Praha)** 1985 Aug;30(8):467-75 (Eng. Abstr.) (Cze)

[Small active charcoal filter as an emergency measure in drinking water purification in chlorinated hydrocarbon pollution] Schmitt HJ. **Off Gesundheitswes** 1985 Apr; 47(4):186 (Ger)

[Semi-technical experiments for elimination of phosphates from sewage-treatment-plant disposal] Wiesmann U, et al. **Schriftenr Ver Wasser Boden Lufthyg** 1984;57:55-74 (Ger)

[Obtaining demineralized water for injections in a field unit] Barabanov VI, et al. **Voen Med Zh** 1984 Dec;(12):54-6 (Rus)

FILUM TERMINALE see **CAUDA EQUINA**

FIMBRIAE, BACTERIAL see **PILI, BACTERIAL**

FINANCIAL AUDIT see under **ACCOUNTING**

FINANCIAL MANAGEMENT

see related
INCOME

The flexible budget process—a tool for cost containment. Pearson JR, et al. **Am J Clin Pathol** 1985 Aug;84(2):202-8

An interdisciplinary method of classifying and monitoring medication errors. Betz RP, et al. **Am J Hosp Pharm** 1985 Aug;42(8):1724-32

Bid purchasing of radiopharmaceuticals and radiopaque contrast media. Swanson DP, et al. **Am J Hosp Pharm** 1985 Jul;42(7):1532-6

An integrated approach to liability. Siler E. **Am J Infect Control** 1985 Apr;13(2):90-2

Child abuse incidence and reporting by hospitals: significance of severity, class, and race. Hampton RL, et al. **Am J Public Health** 1985 Jan;75(1):56-60

Preparing the OR budget. The nurse manager's responsibility. Groah LK. **AORN J** 1985 Mar;41(3):547-53

Critical appraisal of the DRG system: problem areas for DRG reimbursement in the USA. Harper DL. **Aust Clin Rev** 1985 Mar;(16):5-11

Your accounts. Private practice—6. Hepburn PF. **Br J Hosp Med** 1985 Feb;33(2):115-6

Private practice—5. Hepburn PF. **Br J Hosp Med** 1985 Jan; 33(1):50-1

Management budgets in the NHS. Davies P, et al. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1552-4

Playing with fire: an experiment in clinical budgeting. Lamb SM, et al. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):650-1

The economically unattractive patient: who cares? Feder J, et al. **Bull NY Acad Med** 1985 Jan-Feb;61(1):68-74

A health planner's perspective on for-profit medicine. Sclar ED. **Bull NY Acad Med** 1985 Jan-Feb;61(1):60-7

Hospitals. Talbot DH. **Bull NY Acad Med** 1985 Jan-Feb; 61(1):23-30

Real estate. Purchasing a building—how to make it possible. McEwan D. **Can Dent Assoc J** 1984 Sep;50(9):697-8

Real estate. Buying vs leasing. McEwan D. **Can Dent Assoc J** 1984 Aug;50(8):619-20

1985 budget: approving nods but no applause. Powers G. **Can Med Assoc J** 1985 Jul 1;133(1):53-5

Intra-agency contracting: high-quality, comprehensive service delivery at lowered cost. Prochaska JM, et al. **Child Welfare** 1984 Nov-Dec;63(6):533-9

Preparing to sell your medical practice. Strogen EM Jr, et al. **Conn Med** 1985 Apr;49(4):249-51

St. Joseph's reviews BOND program incentives. Quigley J. **Dimens Health Serv** 1985 Jan;62(1):31-3

Hospital capital shows signs of old age. Part 2. Thompson C, et al. **Dimens Health Serv** 1984 Dec;61(12):19-22

The MD and the DRG. Morreim EH. **Hastings Cent Rep** 1985 Jun;15(3):30-8

The relationship between nurse staffing policies and nursing budgets. Hancock WM, et al. **Health Care Manage Rev** 1984 Fall;9(4):21-6

Hospital capital budgeting: fusion of rationality, politics and ceremony. Meyer AD. **Health Care Manage Rev** 1985 Spring;10(2):17-27

Management issues in the development and maturation of multihospital systems. Wegmiller DC. **Health Care Manage Rev** 1985 Spring;10(2):9-16

Hospital contract management: a descriptive profile. Alexander JA, et al. **Health Serv Res** 1984 Oct;19(4):461-77

Pricing objectives in nonprofit hospitals. Bauerschmidt AD, et al. **Health Serv Res** 1985 Jun;20(2):153-62

Factors associated with variation in financial condition among voluntary hospitals. Brecher C, et al. **Health Serv Res** 1985 Aug;20(3):267-300

The decision process used for hospital bond rating—and its implications. Cleverley WO, et al. **Health Serv Res** 1984 Dec;19(5):615-37

Assessing the financial characteristics of multi-institutional organizations. Coyne JS. **Health Serv Res** 1985 Feb;19(6 Pt 1):701-15

Profit incentives and the hospital industry: are we expecting too much? Register CA, et al. **Health Serv Res** 1985 Jun; 20(2):225-41

Hospital management contracts: institutional and community perspectives. Wheeler JR, et al. **Health Serv Res** 1984 Oct; 19(4):499-518

Cleveland, Merrill Lynch at the top in '83 bond issues. **Hospitals** 1984 Oct 16;58(20):46-8

Energy programs show creative financing. Benda G, et al. **Hospitals** 1985 Jan 1;59(1):56, 61

What hospitals think of application software. Packer CL. **Hospitals** 1985 Apr 16;59(8):101-4

Detailed costing system nets efficiency, savings. Poulsen GP. **Hospitals** 1984 Oct 1;58(19):106-8, 111

Asset management: attacking materials' grip on the budget. Sandrick K. **Hospitals** 1985 Jul 1;59(13):66, 70-4

Late receivables squeeze cash flow. Traska MR, et al. **Hospitals** 1985 Jul 16;59(14):82, 85

Revenue problems top CFOs' worries. Traska MR, et al. **Hospitals** 1985 Jul 16;59(14):76, 79-81

The financial characteristics of hospitals under for-profit and nonprofit contract management. Alexander J, et al. **Inquiry** 1984 Fall;21(3):230-42

Juggling multiple payers: American problems and foreign solutions. Glaser WA. **Inquiry** 1984 Summer;21(2):178-88

Family expenditures before and after retirement: a research model for measuring priorities. Hildreth GJ, et al. **Int J Aging Hum Dev** 1984-85;20(2):145-59

Power and cost containment in a Danish public hospital. Saltman RB. **J Health Polit Policy Law** 1985 Winter; 9(4):563-94

Managing patient receivables: a technical note. Broyles RW. **J Med Syst** 1984 Aug;8(4):301-5

Decentralization reduces nursing administration budget. Fanning JA, et al. **J Nurs Adm** 1985 May;15(5):19-24

Projecting supply expenses. Hoffman FM. **J Nurs Adm** 1985 Jun;15(6):21-4

Developing capital expenditure proposals. Hoffman FM. **J Nurs Adm** 1985 Sep;15(9):32-4

Contracting questions for physicians. Alternative delivery systems. **J Tenn Med Assoc** 1985 Apr;78(4):211-2

The financial effects of emergency department-generated admissions under prospective payment systems. Muñoz E, et al. **JAMA** 1985 Oct 4;254(13):1763-71

Private contractors to run dialysis units for NHS. **Lancet** 1985 Jan 12;1(8420):117

Public hospitals under contract management. An assessment of operating performance. Alexander JA, et al. **Med Care** 1985 Mar;23(3):209-19

Policy implications of hospital reporting practices. Kane NM. **Med Care** 1985 Jun;23(6):836-41

Budget restrictions, equipment obsolescence, and risk: the quandary of whether to replace, to be without, or never to acquire. Hargest TS. **Med Instrum** 1984 Jul-Aug; 18(4):245-6

What to do about a big profit. Brown KS. **Mich Med** 1984 Dec;83(58):662-4

Weigh the business risks of alternative delivery systems. Greenhoe SW. **Mich Med** 1985 Jan;84(1):44, 48

What every physician should know about contracts. Marr J. **Mich Med** 1984 Dec;83(58):686-90, 694

Will your retirement funds be ready when you are? McCord R. **Mod Vet Pract** 1984 Oct;65(10):800-3

Autopsy findings as a modifier of diagnosis-related group classification and hospital reimbursement. Heller J, et al. **Mt Sinai J Med (NY)** 1985 May;52(5):311-4

The NIH and numbers [letter] **N Engl J Med** 1985 Oct 10; 313(15):961-2

NIH budget. Reagan vetoes busybody bill [news] Beardsley I. **Nature** 1984 Nov 8-14;312(5990):90

Buying an office condo. Bernstein RL. **NY J Dent** 1984 Sep-Oct;54(6):257

Defensive financial plan: priority one. Sussman MH. **NY State Dent J** 1984 Nov;50(9):612

The King's Fund and quality of medical care. McColl I. **Postgrad Med J** 1984 Nov;60(709):825-7

Evaluating financial viability of clinical programs under prospective pricing. Barnard C. **QRB** 1985 Mar;11(3):81-6

The ICD-9-CM DRGs: increased homogeneity through use of AS-SCORE. Panniers TL, et al. **QRB** 1985 Feb; 11(2):47-52

Prospective payment and the resurgence of quality. Schumacher DN. **QRB** 1984 Oct;10(10):298-303

An annotated bibliography (Part 3): Quality assurance and risk management. Ward MJ. **QRB** 1984 Nov;10(11):347-8

Reducing the photographic budget in the imaging department. 2—From Belgium. Hembise A. **Radiography** 1985 Mar-Apr;51(596):74-5

Reducing the photographic budget in the imaging department. 3—From Kenya. Odindo R. **Radiography** 1985 Mar-Apr;51(596):75-6

Building up a budget. Stirland M. **Radiography** 1985 May-Jun;51(597):157-8

Reducing the photographic budget in the imaging department. 1—From Finland. Virmakoski I. **Radiography** 1985 Mar-Apr;51(596):71-3

Congress votes NIH a big budget boost [news] Norman C. **Science** 1984 Oct 26;226(4673):417-8

Social security and private saving: theory and historical evidence. Lesnoy SD, et al. **Soc Secur Bull** 1985 Jan; 48(1):14-30

Financial strategies of MIOs in price-competitive markets. **Top Health Care Financ** 1984 Winter;11(2):vi-vii, 1-92

Restrictive covenants in hospital bond financing. Baker BJ. **Top Health Care Financ** 1985 Summer;11(4):43-9

Alternative financing approaches for health care institutions. Claiborn SA. **Top Health Care Financ** 1985 Summer; 11(4):33-41

Unique dimensions of financial analysis service ratios. Cleverley WO, et al. **Top Health Care Financ** 1985 Summer; 11(4):81-8

The financial characteristics of MIOs: entering an era of price competition. Coyne JS. **Top Health Care Financ** 1984 Winter;11(2):1-18

Financial analysis and planning in MIOs. Coyne JS. **Top Health Care Financ** 1984 Winter;11(2):19-26

Strategic financial planning: hospital case study. Depa JR. **Top Health Care Financ** 1985 Summer;11(4):73-80

Process for integrating market strategies and financial strategies. Killian JW, et al. **Top Health Care Financ** 1985 Summer;11(4):7-13

An overview of DRG regulations—the impact of changing reimbursement patterns. Morgan LB, et al. **Top Health Care Financ** 1985 Spring;11(3):1-9

New success factors for management under prospective payment. Sweeney JP, et al. **Top Health Care Financ** 1985 Spring;11(3):10-21

Contract medicine: what's in it for you? Bak B, et al. **Va Med** 1984 Jun;111(6):335-8

Medi-Cal hospital contracting—did it achieve its legislative objectives? Brown ER, et al. **West J Med** 1985 Jul; 143(1):118-24

A survey of health sector costs and financing in Malawi. Ministry of Health, Republic of Malawi. **World Health Stat Q** 1984;37(4):375-86 (Eng, Fre)

The use of indicators of financial resources in the health sector. Parker DA. **World Health Stat Q** 1984;37(4):451-62 (Eng, Fre)

[Problems of expenditure norms] Fimon M. **Cesk Zdrav** 1984 Sep;32(8-9):366-9 (Eng. Abstr.) (Cze)

[Verifying new economic mechanisms in Bulgaria] Smolek A. **Cesk Zdrav** 1984 Sep;32(8-9):370-4 (Eng. Abstr.) (Cze)

[Differences in the structure of expenditures of selected hospital departments] Vilím F. **Cesk Zdrav** 1984 Sep; 32(8–9):384–7 (Eng. Abstr.) (Cze)

ECONOMICS

The future of funding for MS research. Hanson T. **Ann NY Acad Sci** 1984;436:472–4

Physicians' financial arrangement with hospitals. AMA Center for Health Policy Research. **Conn Med** 1985 Feb; 49(2):123–4

Competitive bidding: the challenge for health care managers. Christianson JB. **Health Care Manage Rev** 1985 Spring; 10(2):39–53

Effects of contract management on hospital performance. Kralewski JE, et al. **Health Serv Res** 1984 Oct;19(4):479–98

Managed care pricing strategies shifting. **Hospitals** 1985 Aug 16;59(16):85–6

Payment systems, cost management, and malpractice. Ludlam JE. **Hospitals** 1984 Nov 1;58(21):102–4

The financial characteristics of hospitals under for-profit and nonprofit contract management. Alexander J, et al. **Inquiry** 1984 Fall;21(3):230–42

Provider participation in competitive bidding for indigent patients. Christianson JB. **Inquiry** 1984 Summer; 21(2):161–77

A contractual model for accountability and financial stability in a community-based family practice residency. Werblun MN. **J Fam Pract** 1985 Sep;21(3):228–30

Restraint of trade through hospital exclusive contracts: an economic appraisal of the legal theory. Lynk WJ. **J Health Polit Policy Law** 1984 Summer;9(2):269–79

Competing through contracting and effective pricing strategies in PPOs. Hatfield JN 2d, et al. **Top Health Care Financ** 1984 Winter;11(2):79–83

LEGISLATION & JURISPRUDENCE

Incident reports: for your eyes only? Cushing M. **Am J Nurs** 1985 Aug;85(8):873–4

At Congress, HCFA Administrator Carolyne Davis told the future of the prospective payment system [interview by Susan S. Klann] Davis C. **AORN J** 1985 May;41(5):930–8

Risk management in the dental office. Pollack BR. **Dent Clin North Am** 1985 Jul;29(3):557–80

The impact of recent legislative changes in benefit programs for the elderly. Ruggles P, et al. **Gerontologist** 1985 Apr; 25(2):153–60

Acceptance testing--the critical problem in software acquisition. Brannigan V. **IEEE Trans Biomed Eng** 1985 Apr;32(4):295–9

Must we pay for medical education? Plumeri PA. **J Clin Gastroenterol** 1985 Feb;7(1):93–6

Health policy report. The NIH appropriation. Iglehart JK. **N Engl J Med** 1984 Oct 25;311(17):1132–6

The roles of legal counsel in hospital risk management. LaCava FW. **QRB** 1985 Jan;11(1):20–4

Antitrust aspects of exclusive contracts in medical imaging. James AE Jr, et al. **Radiology** 1985 Jul;156(1):237–41

Deficit Reduction Act of 1984: provisions related to the Medicare and Medicaid programs. **Soc Secur Bull** 1984 Nov;47(11):11–5

Deficit Reduction Act of 1984: provisions related to the OASDI and SSI programs. **Soc Secur Bull** 1984 Nov; 47(11):3–10

Medicine and the law. The Hyde decision. Alt HA. **Tex Med** 1985 Feb;81(2):82–4

Contractual arrangements between lay corporations and physicians--patient safeguards. Wilcox DP. **Tex Med** 1985 Jul;81(7):61–3

[Starting a physician's practice] Pranschke-Schade S, et al. **Unfallchirurgie** 1985 Feb;11(1):43–5 (Ger)

METHODS

Endowment mortgages--a viable proposition? Clark RE. **Br Dent J** 1984 Nov 24;157(10):369–70

Financial Information Project: message for the NHS. Greenhalgh CA, et al. **Br Med J [Clin Res]** 1985 Feb 2; 290(6465):410–1

The new frontier in management: cost accountability. Botz CK. **Dimens Health Serv** 1985 Jan;62(1):16–9, 22

Hospital capital budgeting: fusion of rationality, politics and ceremony. Meyer AD. **Health Care Manage Rev** 1985 Spring;10(2):17–27

'The quiet company' sells new fund-raiser. **Hospitals** 1985 Jun 1;59(11):37–8

Managed care pricing strategies shifting. **Hospitals** 1985 Aug 16;59(16):85–6

IL hospital reduces ER liability risks. **Hospitals** 1985 Sep 16;59(18):66

Medical directors targeted in cost cutting. **Hospitals** 1985 Sep 1;59(17):56, 58

Hospitals looking to standard costing systems. Fink FS, et al. **Hospitals** 1984 Oct 1;58(19):88, 92

Indigent care provider fights for fiscal health. Mintz R. **Hospitals** 1985 Aug 1;59(15):53–4

Cost accounting: a solution, but a problem. Mistarz JE. **Hospitals** 1984 Oct 1;58(19):96, 99–101

What to look for in a personal financial plan. Wortman GL. **Mo Med** 1985 Apr;82(4):189–90

Health management consultants use diverse programs in achieving goals. Chenoweth D. **Occup Health Saf** 1985 Feb;54(2):53–6

Coordinate your pension program with your estate. Kalogredis VJ. **Pa Med** 1985 May;88(5):40

Risk management: one way to fight malpractice suits. Jones DB. **Tex Med** 1985 Jun;81(6):64–6

Impact of strategic financial planning in the health care industry. Anderson D. **Top Health Care Financ** 1985 Summer;11(4):1–6

Capital formation and allocation in MIOs. Coyne JS. **Top Health Care Financ** 1984 Winter;11(2):53–62

Alternative financial management structures in not-for-profit MIOs. Coyne JS. **Top Health Care Financ** 1984 Winter; 11(2):27–37

Microcosting an emergency department. Currie D, et al. **Top Health Care Financ** 1985 Spring;11(3):78–88

Strategic financial planning under DRG-based prospective payment. Gannon JJ, et al. **Top Health Care Financ** 1985 Summer;11(4):21–32

Program planning in relation to strategic and financial goals. Gold B. **Top Health Care Financ** 1985 Summer;11(4):15–20

Cost accounting strategies under prospective payment system. McSweeney JM, et al. **Top Health Care Financ** 1985 Spring;11(3):28–46

Strategic financial planning for ambulatory care services. Markezin ET, et al. **Top Health Care Financ** 1985 Summer; 11(4):51–6

Master planning: the integration of facilities planning and design with long-range clinical and financial objectives. Remen S. **Top Health Care Financ** 1985 Summer; 11(4):57–64

Venture capital: past, present, and future applications. Schlosser JR. **Top Health Care Financ** 1984 Winter; 11(2):63–71

ORGANIZATION & ADMINISTRATION

Evaluation of a contract model for professional nursing practice. Dear MR, et al. **Health Care Manage Rev** 1985 Spring;10(2):65–77

Hospital contract management. Organizational and public policy issues. Rundall TG. **Health Serv Res** 1984 Oct; 19(4):455–60

Hospital sells its engineering services. **Hospitals** 1985 Sep 16;59(18):73

Competitive bidding as a cost-containment strategy for indigent medical care: the implementation experience in Arizona. Hillman DG, et al. **J Health Polit Policy Law** 1984 Fall;9(3):427–51

STANDARDS

Automation in the hospital pharmacy. Packer CL. **Hospitals** 1985 Sep 16;59(18):106–10, 113

Business coalition tightens up on corporate philanthropy. Powills S. **Hospitals** 1985 Jun 16;59(12):106, 108

Upgrading financial planning and reporting in response to DRG requirements. Monroe RD, et al. **Top Health Care Financ** 1985 Spring;11(3):63–71

TRENDS

Impact on the public hospitals. Gage LS. **Bull NY Acad Med** 1985 Jan–Feb;61(1):75–80

Energy conservation and the housing environment: the need for risk management. Mant D. **Community Med** 1985 Feb; 7(1):30–6

Hospital capital shows signs of old age. Part 1. Thompson C, et al. **Dimens Health Serv** 1984 Nov;61(11):34–6

DRGs: the counterrevolution in financing health care. Dolenc DA, et al. **Hastings Cent Rep** 1985 Jun;15(3):19–29 (65 ref.)

Hospital receptivity to market competition: image and reality. Battistella RM. **Health Care Manage Rev** 1985 Summer; 10(3):19–26

The private management of public hospitals. Rundall TG, et al. **Health Serv Res** 1984 Oct;19(4):519–44

Refinancings dominate first-quarter bonds. **Hospitals** 1985 Jun 16;59(12):53–4, 56

Survey predicts nursing budget cutbacks. **Hospitals** 1985 Aug 16;59(16):116

Bond growth anticipates Reagan tax reform. **Hospitals** 1985 Sep 16;59(18):43–8

Departmental contract management grows in response to cost pressures. **Hospitals** 1985 Jan 16;59(2):80, 84–5

1984's floating-rate debt heralds a trend. **Hospitals** 1985 Feb 16;59(4):53–4

Short-term issues are perfect for pooling. **Hospitals** 1985 Feb 16;59(4):58

Contracts will grow in nonclinical areas. Feinberg LN, et al. **Hospitals** 1985 Sep 16;59(18):86–8, 92

Driving a harder bargain for the donated dollar [interview by Emily Friedman] Murphy J. **Hospitals** 1985 Jul 16; 59(14):87–8

Medical technology under PPS: an uncertain future. Roe WI. **Hospitals** 1985 Jan 16;59(2):88–92

Contracts for clinical services rising. Sabatino F. **Hospitals** 1985 Sep 16;59(18):94, 97

Hospital CFOs see disparity between CEOs' opinions and reality. Traska MR. **Hospitals** 1985 Jan 16;59(2):103–8

Health capital policy in the United States: a strategic perspective. Brown JB, et al. **Inquiry** 1985 Summer; 22(2):122–31

Current and future directions for hospital and physician reimbursement. Effect on the academic medical center. Petersdorf RG. **JAMA** 1985 May 3;253(17):2543–8

Institutional responses to prospective payment based on diagnosis-related groups. Implications for cost, quality, and access. Stern RS, et al. **N Engl J Med** 1985 Mar 7; 312(10):621–7

Managing for competitive advantage in price-driven markets. Channon B, et al. **Top Health Care Financ** 1984 Winter; 11(2):72–8

FINANCIAL MANAGEMENT, HOSPITAL see under **FINANCIAL MANAGEMENT**

FINANCING, CONSTRUCTION see under **FINANCIAL MANAGEMENT**

FINANCING, GOVERNMENT

The impacts of alternative funding policies for ambulatory care services on hospitalization in the Indian Health Service Contract Health Care Program in Cordova, Alaska. Brelsford G. **Alaska Med** 1985 Apr–Jun;27(2):31–5

The industrialization of American psychiatry. Bittker TE. **Am J Psychiatry** 1985 Feb;142(2):149–54

Medicare and President Reagan's second term. Wing KR. **Am J Public Health** 1985 Jul;75(7):782–4

Biomedical research: who will pay the piper? [editorial] MacLeod SM. **Can Med Assoc J** 1985 Jul 15;133(2):99–100

Budget process holds health issues captive [interview by Clay Mickel] Frost M. **Hospitals** 1985 May 16;59(10):106, 108

Federal financing of dental services. Albertini TF, et al. **J Dent Educ** 1984 Nov;48(11):606–16

Economic evaluation of occupation-based programs: conflicting criteria and the case for government subsidy. Swint JM, et al. **J Stud Alcohol** 1985 Mar;46(2):157–60

Compensation for vaccine injury [letter] Bader M. **JAMA** 1985 Apr 19;253(15):2191

The distress of the Medical Research Council [editorial] **Lancet** 1985 Jan 5;1(8419):25–7

Effects of US decision to withdraw aid for worldwide family planning programmes. **Lancet** 1985 Jan 12;1(8420):97

The budget and medical research [editorial] Funder J. **Med J Aust** 1984 Nov 24;141(11):692–3

The finance of sport--a talk to the British Academy of Forensic Sciences. Dixon DM. **Med Sci Law** 1984 Oct; 24(4):294–8

Public health finance and planning in the Soviet Union. Golovoteev VV, et al. **World Health Stat Q** 1984; 37(4):364–74 (Eng, Fre)

[Medical care for pensioners in the framework of the RIVIZ (National Institute of Illness and Disability Insurance)] Dooghe G. **Arch Belg** 1985;43(1–2):1–19 (Eng. Abstr.) (Dut)

[Allowance for the care of a family member--its social significance] Macháčová E. **Cesk Zdrav** 1984 Dec; 32(12):524–32 (Eng. Abstr.) (Slo)

ECONOMICS

Research funds are down--take heart! Freedman DX. **Arch Gen Psychiatry** 1985 May;42(5):518–22

A government expenditure that contains health costs. **Aust Fam Physician** 1985 Jun;14(6):486

MRC's Dr. Pierre Bois: research funding's precarious future [interview] Bois P. **Can Med Assoc J** 1984 Dec 15; 131(12):1476–8

School-based health research funded by the National Heart, Lung, and Blood Institute. Stone EJ. **J Sch Health** 1985 May;55(5):168–74

Funding medical research [editorial] MacDonald G. **Med J Aust** 1984 Nov 24;141(11):693

Research funding in Australia: the broader view [editorial] Wild P. **Med J Aust** 1984 Nov 24;141(11):694–5

Financing urban primary health services. Balancing community and government financial responsibilities, Pikine, Senegal, 1975–81. Jancloes M, et al. **Trop Doct** 1985 Apr;15(2):98–104

LEGISLATION & JURISPRUDENCE

Statement and resolution on principles guiding allocations of block grants for health in New York State. **Bull NY Acad Med** 1984 Sep;60(7):769–73

Caught in the crossfire: congressional action on the residency training authority. Barbour DJ. **J Public Health Policy** 1984 Dec;5(4):453–7

AMA offers recommendations for vaccine injury compensation [news] Goldsmith MF. **JAMA** 1984 Dec 7; 252(21):2937–9, 2942–3

NIH research. Administration makes rings around congressional edict [news] Budiansky S. **Nature** 1985 Jan 31–Feb 6;313(6001):337

METHODS

A preliminary assessment of the impact of block grants on community mental health centers. Estes CL, et al. **Hosp Community Psychiatry** 1984 Nov;35(11):1125–9

Geographic patterns of funding for community mental health centers. Smith CJ. **Hosp Community Psychiatry** 1984 Nov; 35(11):1133–40

ORGANIZATION & ADMINISTRATION

The Kansas Family and Children's Trust Fund: funding prevention programs in the eighties. Martin M, et al. **Child Abuse Negl** 1984;8(3):303–9

TRENDS

Deregulation of health-care financing. Curtiss FR. **Am J Hosp Pharm** 1985 May;42(5):1136-43

Medical practice, medical education and government: future trends in a troubled relationship. Novick LF. **Ariz Med** 1985 Jan;42(1):29-33

Obstacles to the treatment of psychiatric patients [editorial] McConville B. **Can J Psychiatry** 1984 Oct;29(6):449-51

Block grants and federal promotion of community mental health services, 1946-65. Buck JA. **Community Ment Health J** 1984 Fall;20(3):236-47

Public funding of contraceptive, sterilization and abortion services, 1983. Gold RB, et al. **Fam Plann Perspect** 1985 Jan-Feb;17(1):25-30

How community mental health centers are coping. Okin RL. **Hosp Community Psychiatry** 1984 Nov;35(11):1118-25

Probable future funding priorities in maternal and child health: a modified Delphi National Survey. Loos GP, et al. **J Health Polit Policy Law** 1985 Winter;9(4):683-93

Choosing the arbiter. The market or the government. Fein R. **N Engl J Med** 1985 Jul 11;313(2):113-5

The NIH and numbers: a vital concern's concern. Healy B, et al. **N Engl J Med** 1985 May 30;312(22):1450-2

The administration's assault on domestic spending and the threat to health care programs. Iglehart JK. **N Engl J Med** 1985 Feb 21;312(8):525-8

Health service funding cuts and the declining health of the poor. Mundinger MO. **N Engl J Med** 1985 Jul 4;313(1):44-7

FINANCING, ORGANIZED

The finance of sport—a talk to the British Academy of Forensic Sciences. Dixon DM. **Med Sci Law** 1984 Oct; 24(4):294-8

The public/private mix of health sector financing: international implications. Roemer MI. **Public Health Rev** 1984;12(2):119-30

Private sector financing for medical education [letter] Griggs RC. **West J Med** 1984 Nov;141(5):687-8

[Cost and financing of health services for the aged in the 80s] Pommer E, et al. **Tijdschr Gerontol Geriatr** 1984 Oct; 15(5):203-9 (Eng. Abstr.) **(Dut)**

[The Americas: the creation of a floating fund for an enlarged vaccination program] **WHO Chron** 1983;37(3):93-7 **(Fre)**

METHODS

Health costs & financing and the work of WHO. Mach EP. **World Health Stat Q** 1984;37(4):339-50 **(Eng, Fre)**

Health sector finance in China. Prescott N, et al. **World Health Stat Q** 1984;37(4):387-402 **(Eng, Fre)**

TRENDS

Driving a harder bargain for the donated dollar [interview by Emily Friedman] Murphy J. **Hospitals** 1985 Jul 16; 59(14):87-8

Health costs and financing. Future developments. Abel-Smith B. **World Health Stat Q** 1984;37(4):463-6 **(Eng, Fre)**

FINANCING, PERSONAL

On direct patient participation in the cost of their psychiatric care. Part II: Access to services, impact on practice and training implications. el-Guebaly N, et al. **Can J Psychiatry** 1985 Apr;30(3):184-9

On direct patient participation in the cost of their psychiatric care. Part I. A review of the empirical and experimental evidence. el-Guebaly N, et al. **Can J Psychiatry** 1985 Apr; 30(3):178-83

Family expenditures before and after retirement: a research model for measuring priorities. Hildreth GJ, et al. **Int J Aging Hum Dev** 1984-85;20(2):145-59

Influence of payor mix on hospital dental practice. Salley JJ, et al. **J Dent Educ** 1984 Nov;48(11):627-33

ECONOMICS

What to look for in a personal financial plan. Wortman GL. **Mo Med** 1985 Apr;82(4):189-90

FINANCING, PUBLIC see FINANCING, GOVERNMENT

FINGER INJURIES

Diagnostic and operative arthroscopy of the thumb metacarpophalangeal joint. A case report. Vaupel GL, et al. **Am J Sports Med** 1985 Mar-Apr;13(2):139-41

The surgical treatment of old injuries of the collateral ligaments of the MP joint of the thumb using the extensor pollicis brevis tendon (a long-term follow-up of 100 cases). Sakellarides HT. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall; 44(2):449-58

The management of chronic posttraumatic boutonniere deformity. Tubiana R, et al. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):542-51

Fractures in the hand: metacarpals and phalanges. Watson FM Jr. **Emerg Med Clin North Am** 1985 May;3(2):293-310

Spontaneous rupture of the extensor mechanism causing ulnar dislocation of the long extensor tendon of the long finger. Two case reports. Bin Iftikhar T, et al. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1108-9

C.S. Campbell: Gamekeeper's thumb. Sternbach G. **J Emerg Med** 1984;1(4):345-7

Divergent dislocation of the carpometacarpal joints: a case report. Gunther SF, et al. **J Hand Surg [Am]** 1985 Mar; 10(2):197-201

Simultaneous closed dislocations of the metacarpophalangeal joints of the index, long, and ring fingers: a case report. Hall RF Jr, et al. **J Hand Surg [Am]** 1985 Jan;10(1):81-5

Irreducible palmar dislocation of the proximal interphalangeal joint associated with an epiphyseal fracture of the middle phalanx. Jones NF, et al. **J Hand Surg [Am]** 1985 Mar;10(2):261-4

Simultaneous subluxation of the metacarpophalangeal joints of all four fingers: a case report. Ramirez Ruiz G, et al. **J Hand Surg [Am]** 1985 Jan;10(1):78-80

Posttraumatic sesamoid arthritis of the metacarpophalangeal joint of the thumb. Trumble TE, et al. **J Hand Surg [Am]** 1985 Jan;10(1):94-100

Combined reconstruction of volar and radial instability of a thumb metacarpo-phalangeal joint. Brewood AF, et al. **J Hand Surg [Br]** 1984 Oct;9(3):333-4

Ulnar instability of the metacarpophalangeal joint of thumb. Lamb DW, et al. **J Hand Surg [Br]** 1985 Feb;10(1):113-4

[Pathology of punching] Mitz V, et al. **Ann Chir Plast Esthet** 1985;30(1):69-77 (Eng. Abstr.) **(Fre)**

[Irreducible dislocations of the metacarpophalangeal joints] Mayer E, et al. **Unfallchirurgie** 1984 Aug;10(4):182-91 (Eng. Abstr.) **(Ger)**

COMPLICATIONS

Cross-finger flaps from scarred skin in burned hands. Groenevelt F, et al. **Br J Plast Surg** 1985 Apr;38(2):187-9

Resection arthroplasty with Swanson's implant for posttraumatic stiffness of proximal interphalangeal joints. Iselin F, et al. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall; 44(2):233-47

Retardation of finger growth after injury to the flexor tendons. Cunningham MW, et al. **J Hand Surg [Am]** 1985 Jan;10(1):115-7

A foreign body related actinomycosis of a finger. Fayman M, et al. **J Hand Surg [Am]** 1985 May;10(3):411-2

Lymphangitis and scarlet fever after finger injury from a computer game. Walker E. **J R Coll Gen Pract** 1984 Dec; 34(269):688

Stubbed finger osteomyelitis. Yellin JA, et al. **J Trauma** 1985 Aug;25(8):808-9

[Pseudoarthrosis of the fingertip] Carozzi S. **Chir Ital** 1983 Aug;35(4):586-90 (Eng. Abstr.) **(Ita)**

[Surgical treatment of mallet finger deformity] Nagay B, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(1):43-6 (Eng. Abstr.) **(Pol)**

[Bone felon as a complication of suppurative inflammation of the soft tissue of the fingers] Kozlowski B, et al. **Folia Med Cracov** 1984;25(1-2):195-8 (Eng. Abstr.) **(Pol)**

DIAGNOSIS

Bronchogenic carcinoma presenting as an injured thumb. Cross AB. **Arch Emerg Med** 1985 Jun;2(2):93-6

Disruption of the flexor digitorum profundus tendon from the distal phalanx 'recognition and treatment'. Jones KG. **J Arkansas Med Soc** 1985 Mar;81(10):507-9

Current concepts in the diagnosis and treatment of hand and wrist injuries in sports. Mosher JF. **Med Sci Sports Exerc** 1985 Feb;17(1):48-55

Painful mass of the phalanx following trauma. Roquiz PM Jr, et al. **Milit Med** 1985 Mar;150(3):144-5

[From the records of the forensic commission: was an injury of the deep flexor tendons overlooked?] Scharizer E. **Handchir Mikrochir Plast Chir** 1984 Dec;16(4):238-40 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Digital deformities and dental malocclusion due to finger sucking. Reid DA, et al. **Br J Plast Surg** 1984 Oct; 37(4):445-52

Plant-thorn synovitis occurring in a child with psoriatic arthritis. Ormerod AD, et al. **Br J Rheumatol** 1984 Nov; 23(4):296-7

Fly fisher's finger. Wicks AC. **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1741

Irreducible palmar dislocation of the proximal interphalangeal joint associated with an epiphyseal fracture of the middle phalanx. Jones NF, et al. **J Hand Surg [Am]** 1985 Mar;10(2):261-4

Pay phone receiver cord injuries to the hand. Lesavoy MA, et al. **J Hand Surg [Am]** 1984 Nov;9(6):908-9

Cold injury complicating burn therapy. Purdue GF, et al. **J Trauma** 1985 Feb;25(2):167-8

[A cause of accidents with unprotected automatic sliding elevator doors] Clemensen SE. **Ugeskr Laeger** 1985 Apr 22;147(17):1436 (Eng. Abstr.) **(Dan)**

[Causes and prevention of typical volleyball injuries] Hell H, et al. **Z Orthop** 1985 Jan-Feb;123(1):72-5 (Eng. Abstr.) **(Ger)**

[Injuries caused by snow ploughs] Almdahl SM, et al. **Tidsskr Nor Laegeforen** 1985 Jan 20;105(2):128-9 (Eng. Abstr.) **(Nor)**

PATHOLOGY

Locking of the thumb at the interphalangeal joint by one of the sesamoid bones. A case report. Kitagawa H, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1300-1

PHYSIOPATHOLOGY

Sensitivity following volar V-Y plasty for fingertip amputations. Tupper J, et al. **J Hand Surg [Br]** 1985 Jun; 10(2):183-4

RADIOGRAPHY

Geode development and multiple fractures in rheumatoid arthritis. Lowthian PJ, et al. **Ann Rheum Dis** 1985 Feb; 44(2):130-3

Simultaneous dorsal dislocation of both interphalangeal joints in a finger. Krebs B, et al. **Br J Sports Med** 1984 Sep; 18(3):217-9

Irreducible dislocation of the distal interphalangeal joint. Murakami Y. **J Hand Surg [Br]** 1985 Jun;10(2):231-2

REHABILITATION

Value of immediate mobilization in proximal interphalangeal volar plate avulsions. Moutet F, et al. **Ann Chir Main** 1984; 3(3):221-6 **(Eng, Fre)**

[Treatment of flexion deformities of the fingers using a joint jack] Carozzi S, et al. **Chir Ital** 1983 Oct;35(5):811-5 (Eng. Abstr.) **(Ita)**

[Effectiveness of the rehabilitation of patients with combined injuries of the flexor tendons and nerves of the fingers] Rozovskaia TP, et al. **Vestn Khir** 1984 Oct;133(10):83-6 (Eng. Abstr.) **(Rus)**

SURGERY

Loss injuries of the fingers. Králová M. **Acta Chir Plast (Prague)** 1985;27(1):42-51

Correction of abduction. Deformity of the small finger caused by avulsion of the insertion of the third volar interosseous muscle. Freeland AE, et al. **Am J Sports Med** 1985 Jul-Aug;13(4):273-6

Controlled postoperative mobilization of sutured extension tendons of the long fingers. Frère G, et al. **Ann Chir Main** 1984;3(2):139-44 **(Eng, Fre)**

Current state of flexor tendon surgery. Kleinert HE, et al. **Ann Chir Main** 1984;3(1):7-17 **(Eng, Fre)**

Use of a surgical glove when repairing finger injuries [letter] Feferman I. **Ann Emerg Med** 1985 Oct;14(10):1035

Continuous plexus blockade for improved circulation in microvascular surgery. Berger A, et al. **Ann Plast Surg** 1985 Jan;14(1):16-9

The possible applications of a composite skin and subcutaneous vein graft in the replantation of amputated digits. Honda T, et al. **Br J Plast Surg** 1984 Oct; 37(4):607-12

The use of de-epithelialised cross-finger flaps for dorsal finger defects. Robbins TH. **Br J Plast Surg** 1985 Jul; 38(3):407-9

The creation of artificial tendon sheaths and gliding spaces in upper extremity reconstruction. A historical perspective. Milgram JE. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall; 44(2):347-53

Tendon grafting for the isolated injury of flexor digitorum profundus. Pulvertaft RG. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):424-34

Fingertip amputation: review of 100 digits. Braun M, et al. **Can J Surg** 1985 Jan;28(1):72-5

Replantation of avulsively amputated thumb or degloved finger. Cheng GL, et al. **Chin Med J [Engl]** 1984 Apr; 97(4):239-44

Fingertip injuries. Burkhalter WE. **Emerg Med Clin North Am** 1985 May;3(2):245-53

Ring avulsion injuries, care of amputated parts, replants, and revascularization. Burkhalter WE. **Emerg Med Clin North Am** 1985 May;3(2):365-71

Primary care of fingernail injuries. Melone CP Jr, et al. **Emerg Med Clin North Am** 1985 May;3(2):255-61

Joint injuries of the fingers and thumb. Melone CP Jr. **Emerg Med Clin North Am** 1985 May;3(2):319-31

Transposition of the 5th to the 4th ray by osteotomy of the hamate. Luppino T, et al. **Ital J Orthop Traumatol** 1985 Mar;11(1):61-5

The results of replantation after amputation of a single finger. Urbaniak JR, et al. **J Bone Joint Surg [Am]** 1985 Apr; 67(4):611-9

Fingertip reconstruction with a palmar advancement flap and free dermal graft: a report of six cases. Arons MS. **J Hand Surg [Am]** 1985 Mar;10(2):230-2

Closed reduction and internal fixation of proximal phalangeal fractures. Belsky MR, et al. **J Hand Surg [Am]** 1984 Sep; 9(5):725-9

Functional assessment of ray transfer for central digital loss. Colen L, et al. **J Hand Surg [Am]** 1985 Mar;10(2):232-7

Palmar dislocation of the proximal interphalangeal joint requiring open reduction: a case report. De Smet L, et al. **J Hand Surg [Am]** 1984 Sep;9(5):717-8

Nail bed avulsions treated with porcine xenografts. Ersek RA, et al. **J Hand Surg [Am]** 1985 Jan;10(1):152-3

Hand reconstruction for multiple amputations by double microsurgical toe transplantation. Gordon L, et al. **J Hand Surg [Am]** 1985 Mar;10(2):218-25

Partial nail plate removal after digital replantation as an alternative method of venous drainage. Gordon L, et al. **J Hand Surg [Am]** 1985 May;10(3):360-4

Free microvascular transfer of second toe ray and serratus anterior muscle for management of thumb loss at the carpometacarpal joint level. Gordon L, et al. **J Hand Surg [Am]** 1984 Sep;9(5):642-4

Irreducible dorsal dislocations of the proximal interphalangeal joint. Green SM, et al. **J Hand Surg [Am]** 1985 Jan;10(1):85-7

The 'belt loop' technique for the reconstruction of pulleys in the first stage of flexor tendon grafting. Karev A. **J Hand Surg [Am]** 1984 Nov;9(6):923-4

To graft or not to graft--the fingertip [letter] Louis DS. **J Hand Surg [Am]** 1985 May;10(3):439-41

Evaluation of survival in digital replantation with thermometric monitoring. Lu SY, et al. **J Hand Surg [Am]** 1984 Nov;9(6):805-9

Class IIA ring avulsion injuries: an absolute indication for microvascular repair. Nissenbaum M. **J Hand Surg [Am]** 1984 Nov;9(6):810-5

Restoration of sensibility to anesthetic scarred digits with free vascularized nerve grafts from the dorsum of the foot. Rose EH, et al. **J Hand Surg [Am]** 1985 Jul;10(4):514-21

Hypothenar skin grafts for fingertip reconstruction. Schenck RR, et al. **J Hand Surg [Am]** 1984 Sep;9(5):750-3

Open dorsal dislocations of the proximal interphalangeal joint. Stern PJ, et al. **J Hand Surg [Am]** 1985 May;10(3):364-70

Dorsal dislocation of the fourth and fifth carpometacarpal joints and simultaneous dislocation of the metacarpophalangeal joint of the small finger: a case report. Stevanovic MV, et al. **J Hand Surg [Am]** 1984 Sep;9(5):714-6

Elective free vascularized double transfer of toe joint from second toe to proximal interphalangeal joint of index finger: a case report. Tsai TM, et al. **J Hand Surg [Am]** 1984 Nov;9(6):816-20

Replantation of the amputated distal part of the fingers. Yamano Y. **J Hand Surg [Am]** 1985 Mar;10(2):211-8

Severe mincer injuries of the hand in children in Saudi Arabia. Al-Arabi KM, et al. **J Hand Surg [Br]** 1984 Oct;9(3):249-50

Flexor digitorum profundus avulsion through enchondroma. Froimson AI, et al. **J Hand Surg [Br]** 1984 Oct;9(3):343-4

V-Y 'Cup' flap for volar oblique amputation of fingers. Furlow LT Jr. **J Hand Surg [Br]** 1984 Oct;9(3):253-6

Cross transposition of short amputation stumps for reconstruction of the thumb. Kessler I. **J Hand Surg [Br]** 1985 Feb;10(1):76-8

The osteocutaneous pedicle forearm flap. Matev I. **J Hand Surg [Br]** 1985 Jun;10(2):179-82

One stage thumb reconstruction using a previously injured little finger from the contralateral hand. Moss AL, et al. **J Hand Surg [Br]** 1985 Feb;10(1):73-5

Primary flexor tendon repair in 'no man's land'. Nielsen AB, et al. **J Hand Surg [Br]** 1984 Oct;9(3):279-81

The need for replantation surgery after traumatic amputations of the upper extremity--an estimate based upon the epidemiology of Sweden. Nylander G, et al. **J Hand Surg [Br]** 1984 Oct;9(3):257-60

Irreducible buttonhole dislocation of the proximal interphalangeal joint of the finger (a case report). Oni OO. **J Hand Surg [Br]** 1985 Feb;10(1):100

In vitro studies of a new method of flexor tendon repair. Savage R. **J Hand Surg [Br]** 1985 Jun;10(2):135-41

Immediate free vascularized joint transfer from second toe to index finger proximal interphalangeal joint: a case report. Tsai TM, et al. **J Hand Surg [Br]** 1985 Feb;10(1):85-9

Compound dislocations of four metacarpophalangeal joints. Wright CS. **J Hand Surg [Br]** 1985 Jun;10(2):233-5

Distal digital replantation. Hagan HJ, et al. **J SC Med Assoc** 1985 Mar;81(3):107-9

A new method for venous interposition grafts using fibrin glue. Sugiura K, et al. **Microsurgery** 1985;6(2):125-8

A simple method for cooling fingers during replantation surgery. Nakayama Y, et al. **Plast Reconstr Surg** 1985 May;75(5):750-1

Conservative and operative treatment of mallet finger. Niechajev IA. **Plast Reconstr Surg** 1985 Oct;76(4):580-5

Limb preservation in replantation surgery. Smith AR, et al. **Plast Reconstr Surg** 1985 Feb;75(2):227-37

Treatment of poisonous snakebite with emphasis on digit dermotomy. Watt CH Jr. **South Med J** 1985 Jun;78(6):694-9

[Successful replantation of nine amputated digits in a single case] Cheng GL. **Chung Hua Wai Ko Tsa Chih** 1984 Nov;22(11):681-2, 702 (Eng. Abstr.) (Chi)

[Clinical use of the cross-finger subcutaneous flap] Heng DZ, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Mar;23(3):173, 192 (Eng. Abstr.) (Chi)

[Suture of flexor tendons by the Kleinert technic] Foucher G, et al. **Ann Chir Main** 1984;3(2):170-2 (Eng. Abstr.) (Fre)

[Ungual synthesis] Foucher G, et al. **Ann Chir Main** 1984;3(2):168-9 (Eng. Abstr.) (Fre)

[Anatomical study of the vascularization of the flag flap. Apropos of its use in loss of substance from the palmar face of the proximal phalanx] Oberlin C, et al. **Ann Chir Main** 1985;4(2):169-74 (Eng. Abstr.) (Fre)

[Osteosynthesis of the phalanges] Rheiner P. **Helv Chir Acta** 1985 Apr;52(1):173-6 (Eng. Abstr.) (Fre)

[Irreducible closed luxation of the distal interphalangeal joint. Apropos of 2 cases] Schuind F, et al. **Rev Chir Orthop** 1984;70(8):649-52 (Eng. Abstr.) (Fre)

[Use of volar veins in finger replantation] Stober R, et al. **Aktuel Traumatol** 1984 Oct;14(5):215-7 (Eng. Abstr.) (Ger)

[Possibility of the para-articular finger fractures with external minifixation] Asche G. **Handchir Mikrochir Plast Chir** 1984 Sep;16(3):192-5 (Eng. Abstr.) (Ger)

[Anatomical variations in blood vessels and their effect on the technic in toe transfer] Berger A, et al. **Handchir Mikrochir Plast Chir** 1985 Mar;17(2):89-91 (Eng. Abstr.) (Ger)

[Late results following toe transplantation with reference to levator defects--a committee report] Biemer E. **Handchir Mikrochir Plast Chir** 1985 Mar;17(2):86-8 (Ger)

[Incidence and significance of epiphyseal and para-epiphyseal injuries in replantations in the area of the upper extremity in children] Donski PK, et al. **Handchir Mikrochir Plast Chir** 1984 Sep;16(3):196-200 (Eng. Abstr.) (Ger)

[Free transplantation of the 2d toe. Technical features, problems and solutions] Egloff DV. **Handchir Mikrochir Plast Chir** 1985 Mar;17(2):103-8 (Eng. Abstr.) (Ger)

[Reconstruction of grip function in cases of a fingerless or missing hand] Holle J, et al. **Handchir Mikrochir Plast Chir** 1984 Dec;16(4):220-5 (Eng. Abstr.) (Ger)

[Sutureless reconstruction of the extensor tendon in mallet finger] Kuś H. **Handchir Mikrochir Plast Chir** 1984 Dec;16(4):231-3 (Eng. Abstr.) (Ger)

[Dexon cerclage of the bones of the hand] Meyer-Clement M, et al. **Handchir Mikrochir Plast Chir** 1984 Sep;16(3):189-91 (Eng. Abstr.) (Ger)

[Improvement of suture technic in flexor tendon injuries. Clinical and experimental study] Zechner W, et al. **Handchir Mikrochir Plast Chir** 1985 Jan;17(1):8-13 (Eng. Abstr.) (Ger)

[Results of surgical treatment of fractures of the metacarpus and fingers] Schöttle H, et al. **Unfallchirurgie** 1985 Apr;11(2):76-83 (Eng. Abstr.) (Ger)

[Treatment of fractures of the ungual phalanges] Carozzi S. **Chir Ital** 1983 Apr;35(2):276-8 (Eng. Abstr.) (Ita)

[Treatment of fractures of the base of the finger tip (Busch's injury)] Carozzi S, et al. **Chir Ital** 1983 Aug;35(4):577-81 (Eng. Abstr.) (Ita)

[Tendon injuries of the extensor pollicis longus] Nagay B, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(2):151-3 (Eng. Abstr.) (Pol)

[An apparatus for treating fractures of the phalanges of the fingers] Andruson MV, et al. **Ortop Travmatol Protez** 1984 Aug;(8):61-3 (Rus)

[An apparatus for arthroplasty of the interphalangeal joints and synthesis of the phalanges of the fingers] Nettov GG. **Ortop Travmatol Protez** 1984 Aug;(8):63-4 (Rus)

[Mistakes and complications in the treatment of combined injuries of the hand and fingers] Nettov CG. **Vestn Khir** 1984 Nov;133(11):128-32 (Rus)

[Possible use of tendon transposition in the restoration of hand function] Guzanin S, et al. **Rozhl Chir** 1985 Feb;64(2):86-93 (Eng. Abstr.) (Slo)

[Treatment of mallet finger due to an avulsion fracture] Niechajev IA. **Lakartidningen** 1985 Mar 20;82(12):1044-7 (Eng. Abstr.) (Swe)

THERAPY

New approach to finger entrapment. Camargo CA. **Am J Emerg Med** 1984 Mar;2(2):156

Spontaneous rupture of the extensor mechanism causing ulnar dislocation of the long extensor tendon of the long finger. Two case reports [letter] Saleh M. **J Bone Joint Surg [Am]** 1985 Mar;67(3):505

Molded polythene splint for mallet finger deformities [letter] London PS. **J Hand Surg [Am]** 1985 Jan;10(1):157-8

The conservative management of fractures of the shafts of the phalanges of the fingers by combined traction-splintage. Fitzgerald JA, et al. **J Hand Surg [Br]** 1984 Oct;9(3):303-6

[Functional treatment of palmar edge fractures of the middle phalanx and palmar capsule ruptures of the interphalangeal joint] Strässle H, et al. **Handchir Mikrochir Plast Chir** 1984 Sep;16(3):186-8 (Eng. Abstr.) (Ger)

[Problems in the treatment of buttonhole injuries] Butz PC. **Z Unfallchir Versicherungsmed Berufskr** 1984;77(4):236-40 (Ger)

FINGER JOINT

Flexor tendon injuries. Meals RA. **J Bone Joint Surg [Am]** 1985 Jun;67(5):817-21 (30 ref.)

Glomus tumor of the metacarpophalangeal joint: a case report. Serra JM, et al. **J Hand Surg [Am]** 1985 Jan;10(1):142-3

Irreducible dislocation of the distal interphalangeal joint. Murakami Y. **J Hand Surg [Br]** 1985 Jun;10(2):231-2

Compound dislocations of four metacarpophalangeal joints. Wright CS. **J Hand Surg [Br]** 1985 Jun;10(2):233-5

The effect of an aldose reductase inhibiting agent on limited joint mobility in diabetic patients. Eaton RP, et al. **JAMA** 1985 Mar 8;253(10):1437-40

[Improvement of proximal interphalangeal flexion of the 5th finger in wounds or avulsions of the flexor profundus tendon] Foucher G, et al. **Ann Chir Main** 1984;3(3):269-70 (Eng. Abstr.) (Fre)

[Osteoarthritis and tenosynovitis of the finger due to Mycobacterium intracellulare. A case report and review of the literature] Demoulin L, et al. **Pathol Biol (Paris)** 1984 Nov;32(9):965-8 (Eng. Abstr.) (Fre)

[Functional treatment of palmar edge fractures of the middle phalanx and palmar capsule ruptures of the interphalangeal joint] Strässle H, et al. **Handchir Mikrochir Plast Chir** 1984 Sep;16(3):186-8 (Eng. Abstr.) (Ger)

[A rare case of localization of a myeloplax tumor in the hand] Pisetti A, et al. **Chir Ital** 1984 Aug;35(4):678-80 (Eng. Abstr.) (Ita)

[Hinged distraction apparatus for treating various injuries and diseases of the radiocarpal and metacarpophalangeal joints] Averkiev AV, et al. **Ortop Travmatol Protez** 1984 Aug;(8):64-5 (Rus)

[Synovial cysts of the fingers and toes] Knysh IT. **Vestn Khir** 1985 May;134(5):122-4 (Rus)

ABNORMALITIES

Noonan syndrome and hyperextensible finger joints [letter] Pohjola-Sintonen S. **Arch Intern Med** 1985 Jan;145(1):179-80

Camptodactyly caused by an abnormal lumbrical muscle. Maeda M, et al. **J Hand Surg [Br]** 1985 Feb;10(1):95-6

[Evaluation of the metacarpophalangeal profile (MPP) and of the dermatoglyphic pattern in Crouzon's syndrome] Pallotta R, et al. **Pediatr Med Chir** 1984 May-Jun;6(3):401-3 (Eng. Abstr.) (Ita)

ANALYSIS

Acute synovitis with intra-articular apatite deposits in an osteoarthritic metacarpophalangeal joint. Gerster JC, et al. **Ann Rheum Dis** 1985 Mar;44(3):207-10

ANATOMY & HISTOLOGY

The medial metacarpotrapezial collateral ligament: importance of the fourth fascicle. Kuhlmann JN, et al. **Ann Chir Main** 1985;4(2):149-55 (Eng, Fre)

Biometrical study of flexion of the long fingers joints in prehension. Thomine JM, et al. **Ann Chir Main** 1985;4(2):156-65 (Eng, Fre)

Volar aspect of the proximal interphalangeal joint. An anatomical study and pathological correlations. Mansat MF. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):309-17

The retinacular ligament. Stack HG. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):470-6

The dorsal wrinkle ligaments of the proximal interphalangeal joint. Law P, et al. **J Hand Surg [Br]** 1984 Oct;9(3):271-5

Ligamentous structures of the metacarpophalangeal joint: a quantitative anatomic study. Minami A, et al. **J Orthop Res** 1984;1(4):361-8

Ultrasonic examination of the flexor tendons of the fingers. Khaleghian R, et al. **JCU** 1984 Nov-Dec;12(9):547-51

INNERVATION

A gross anatomic and histologic study of the innervation of the proximal interphalangeal joint. Schultz RJ, et al. **J Hand Surg [Am]** 1984 Sep;9(5):669-74

PATHOLOGY

The PIP joint. Evans DM. **Clin Rheum Dis** 1984 Dec;10(3):631-56

Flexible implant arthroplasty in the rheumatoid metacarpophalangeal joint. Swanson AB, et al. **Clin Rheum Dis** 1984 Dec;10(3):609-29 (27 ref.)

[Flexion contracture of the interphalangeal joint in Dupuytren disease. Anatomic and clinical observations] Geldmacher J, et al. **Handchir Mikrochir Plast Chir** 1985 Jan;17(1):4-7 (Eng. Abstr.) (Ger)

[Sarcoidosis with destruction of joints] Blom WA, et al. **Hautarzt** 1985 Feb;36(2):109-12 (Eng. Abstr.) (Ger)

PHYSIOLOGY

Reference values for metacarpophalangeal joint stiffness in normals. Howe A, et al. **Ann Rheum Dis** 1985 Jul;44(7):469-76

Inhibitory effect of acupuncture on the vibration-induced finger flexion reflex in man. Homma S, et al. **Electroencephalogr Clin Neurophysiol** 1985 Aug;61(2):150-6

The functional significance of the oblique retinacular ligament of Landsmeer. A review and new proposals. Bendz P. **J Hand Surg [Br]** 1985 Feb;10(1):25-9

Finger joint contact areas and pressures. Moran JM, et al. **J Orthop Res** 1985;3(1):49-55

[Extensoraponeurosis and it's significance for extension of the distal joint of the thumb] Christoffersen H. **Ugeskr Laeger** 1984 May 21;146(21):1566-8 (Eng. Abstr.) (Dan)

PHYSIOPATHOLOGY

The metacarpophalangeal stabilization test beevor or bouvier? Bourrel P. **Ann Chir Main** 1985;4(1):31-5 (Eng. Abstr.) (Eng, Fre)

Joint protection. Chamberlain MA, et al. **Clin Rheum Dis** 1984 Dec;10(3):727-42

Ligament stability of the metacarpophalangeal joint: a biomechanical study. Minami A, et al.

J Hand Surg [Am] 1985 Mar;10(2):255–60

[Measurement of the mobility of a finger joint in systemic scleroderma patients using a new protractor] Serup J. **Ugeskr Laeger** 1984 May 28;146(22):1635–7 (Eng. Abstr.) **(Dan)**

[An instrument for measuring movement in the finger joints] Bizhko IP, et al. **Ortop Travmatol Protez** 1984 Aug;(8):65–6 **(Rus)**

RADIOGRAPHY

X-ray findings of peripheral joints in essential cryoglobulinemia. Weinberger A, et al. **Isr J Med Sci** 1985 Jun;21(6):529–31

Locking of the metacarpophalangeal joint of the thumb. Yamanaka K, et al. **J Bone Joint Surg [Am]** 1985 Jun; 67(5):782–7

Acute calcification in the fingers. Trail IA. **J Hand Surg [Br]** 1985 Jun;10(2):263–6

Simultaneous dislocation of the interphalangeal joints in a finger. Hardy I, et al. **J Trauma** 1985 May;25(5):450–1

[Radiological picture of osteoarticular changes after frostbite] Gorczyca-Wiśniewska E, et al. **Pol Przegl Radiol (Warszawa)** 1984 Jul–Aug;48(4):209–12 (Eng. Abstr.) **(Pol)**

SURGERY

Trapezium replacement arthroplasty. Gudmundsson G, et al. **Acta Orthop Scand** 1985 Jun;56(3):245–8

Swanson trapezial implant in the treatment of peritrapezial arthrosis. A study of eighty cases. Allieu Y, et al. **Ann Chir Main** 1984;3(2):113–23 **(Eng, Fre)**

The extensor apparatus in Dupuytren's disease. Hueston JT. **Ann Chir Main** 1985;4(1):7–10 **(Eng, Fre)**

Severe metacarpophalangeal sprain of the thumb in ski accidents. 125 surgical repairs in group of 340 cases of metacarpophalangeal sprains from ski accidents. Massart P, et al. **Ann Chir Main** 1984;3(2):101–12 **(Eng, Fre)**

Implant arthroplasty in the hand and wrist. An update. Swanson AB, et al. **Ann Chir Main** 1984;3(1):43–57 **(Eng, Fre)**

Resection arthroplasty with Swanson's implant for posttraumatic stiffness of proximal interphalangeal joints. Iselin F, et al. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall; 44(2):233–47

Metacarpal ligament sling tenodesis. Smith RJ. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):466–9

The pronated index finger deformity in the rheumatoid hand. Swanson AB, et al. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):498–510

Arthroplasty of the thumb basal joints. Swanson AB, et al. **Clin Orthop** 1985 May;(195):151–60

Late results of synovectomy of wrist, MP and PIP joints. Multicenter Study. Böhler N, et al. **Clin Rheumatol** 1985 Mar;4(1):23–5

Joint injuries of the fingers and thumb. Melone CP Jr. **Emerg Med Clin North Am** 1985 May;3(2):319–31

Dynamic compression for small bone arthrodesis. Braun RM, et al. **J Hand Surg [Am]** 1985 May;10(3):340–3

Palmar dislocation of the proximal interphalangeal joint requiring open reduction: a case report. De Smet L, et al. **J Hand Surg [Am]** 1984 Sep;9(5):717–8

Alumina ceramic finger implants: a preliminary biomaterial and clinical evaluation. Doi K, et al. **J Hand Surg [Am]** 1984 Sep;9(5):740–9

Ligament reconstruction for the painful thumb carpometacarpal joint: a long-term assessment. Eaton RG, et al. **J Hand Surg [Am]** 1984 Sep;9(5):692–99

Correction of rheumatoid swan-neck deformity by lateral band mobilization. Gainor BJ, et al. **J Hand Surg [Am]** 1985 May;10(3):370–6

Interphalangeal fixation of the thumb in Moberg's key grip procedure. Hiersche DL, et al. **J Hand Surg [Am]** 1985 Jan;10(1):30–2

Bilateral subluxation of the base of the thumb secondary to an unusual abductor pollicis longus insertion: a case report. Martinez R, et al. **J Hand Surg [Am]** 1985 May;10(3):396–9

Perichondrial resurfacing arthroplasty in the hand. Seradge H, et al. **J Hand Surg [Am]** 1984 Nov;9(6):880–6

Dorsal dislocation of the fourth and fifth carpometacarpal joints and simultaneous dislocation of the metacarpophalangeal joint of the small finger: a case report. Stevanovic MV, et al. **J Hand Surg [Am]** 1984 Sep; 9(5):714–6

Elective free vascularized double transfer of toe joint from second toe to proximal interphalangeal joint of index finger: a case report. Tsai TM, et al. **J Hand Surg [Am]** 1984 Nov; 9(6):816–20

Composite metacarpophalangeal joint reconstruction in great toe-to-hand free tissue transfers. Wilson CS, et al. **J Hand Surg [Am]** 1984 Sep;9(5):645–9

A functional treatment method for interphalangeal pyogenic arthritis. Wittels NP, et al. **J Hand Surg [Am]** 1984 Nov; 9(6):894–8

Metacarpophalangeal joint arthroplasty eleven year follow-up study. Fleming SG, et al. **J Hand Surg [Br]** 1984 Oct;9(3):300–2

Osteoarthritis of the carpometacarpal joint of the thumb. An analysis of operative procedures. Kvarnes L, et al. **J Hand Surg [Br]** 1985 Feb;10(1):117–20

Ligament reconstruction of the thumb carpometacarpal joint using a modified Eaton and Littler technique. Magnusson A, et al. **J Hand Surg [Br]** 1985 Feb;10(1):115–6

Replacement of destroyed metacarpal heads by autografting metatarsal heads. Mikkelsen OA. **J Hand Surg [Br]** 1984 Oct;9(3):337–9

Irreducible buttonhole dislocation of the proximal interphalangeal joint of the finger (a case report). Oni OO. **J Hand Surg [Br]** 1985 Feb;10(1):100

Immediate free vascularized joint transfer from second toe to index finger proximal interphalangeal joint: a case report. Tsai TM, et al. **J Hand Surg [Br]** 1985 Feb;10(1):85–9

Dynamic extension block splinting for proximal interphalangeal joint injuries. Lopez MS, et al. **Milit Med** 1985 Aug;150(8):423–6

[Principles in the use of silicone implants in finger joints using Swanson's technic] Rybka V, et al. **Acta Chir Orthop Traumatol Cech** 1985 Jun;52(3):212–9 (Eng. Abstr.) **(Cze)**

[Prosthesis arthroplasty for arthritis deformans of the carpometacarpal joint of the thumb] Deenstra W, et al. **Ned Tijdschr Geneeskd** 1985 Apr 20;129(16):744–8 (Eng. Abstr.) **(Dut)**

[Tension-wire arthrodesis of the proximal interphalangeal joint in chronic polyarthritis] Biskop M, et al. **Beitr Orthop Traumatol** 1985 Jan;32(1):22–5 (Eng. Abstr.) **(Ger)**

[Septic arthritis of the finger joints. Treatment with immediate arthrodesis] Høgh J. **Handchir Mikrochir Plast Chir** 1985 Jul;17(4):230–3 (Eng. Abstr.) **(Ger)**

[Reconstruction of the small joints of the hand by perichondrial arthroplasty] Kon M. **Harefuah** 1985 Apr 1; 108(7):344–6 (Eng. Abstr.) **(Heb)**

[Surgical treatment of syndactylia associated with polydactylia] Ożga A, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(6):535–9 (Eng. Abstr.) **(Pol)**

[Reconstruction of the articular cartilage in the fingers by perichondrium transplantation—I] Brozman M, et al. **Acta Chir Orthop Traumatol Cech** 1984 Dec;51(6):536–41 (Eng. Abstr.) **(Slo)**

TRANSPLANTATION

Free vascularized small joint transfer to the hand. O'Brien B, et al. **J Hand Surg [Am]** 1984 Sep;9(5):634–41

FINGERPRINTS see **DERMATOGLYPHICS**

FINGERS

Procedure in identifying fingernail imprint in human skin survives appellate review. Starrs JE. **Am J Forensic Med Pathol** 1985 Jun;6(2):171–3

Finger calluses in bulimia [letter] Joseph AB, et al. **Am J Psychiatry** 1985 May;142(5):655

Subungual glomus tumors. Value of the direct dorsal approach. Heim U, et al. **Ann Chir Main** 1985;4(1):51–4 (Eng. Abstr.) **(Eng, Fre)**

Digital ulcerations in systemic sclerosis [letter] O'Hanlon DP. **Arthritis Rheum** 1984 Nov;27(11):1314

The pronated index finger deformity in the rheumatoid hand. Swanson AB, et al. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):498–510

Dactylitis in a child with sickle cell trait. Jadavji T, et al. **Can Med Assoc J** 1985 Apr 1;132(7):814–5

Gouty infiltration of a flexor tendon simulating rupture. Hankin FM, et al. **Clin Orthop** 1985 Apr;(194):172–5

Pachydermodactyly. Reichert CM, et al. **Clin Orthop** 1985 Apr;(194):252–7

Stenosing tenosynovitis of the fingers and thumb. Results of a prospective trial of steroid injection and splinting. Rhoades CE, et al. **Clin Orthop** 1984 Nov;(190):236–8

Pseudomelanoma in a black patient. Bruce DR, et al. **Cutis** 1985 Jul;36(1):73–4

Recurring accessory 'fingernail': periungual fibrokeratoma. Shelley WB, et al. **Cutis** 1985 May;35(5):451–4

Bleomycin-induced Raynaud's phenomenon and acral sclerosis. Snauwaert J, et al. **Dermatologica** 1984; 169(4):172–4

Granuloma annulare secondary to self-monitoring of blood glucose [letter] Renfrow L, et al. **Diabetes Care** 1985 Jan–Feb;8(1):101

Cerebral potentials accompanying visually triggered finger movement in man. Thickbroom GW, et al. **Electroencephalogr Clin Neurophysiol** 1985 May; 62(3):209–18

Cases of snapping finger originating in tendovaginitis of extensor digiti quinti proprius tendon. Yamaguchi T, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):755–8

A fishy foreign body. George TK. **Injury** 1985 Mar; 16(5):341–2

Preliminary evaluation of dose-effect relationships for vibration induced white finger in Japan. Futatsuka M, et al. **Int Arch Occup Environ Health** 1984;54(3):201–21

Fibroma of tendon sheath. Cooper PH. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):625–8

Kirner's deformity of the little finger: report of a case. Wong RY, et al. **J Am Osteopath Assoc** 1984 Aug;83(12):866–7

Florid reactive periostitis of the proximal phalanx. Case report. Callahan DJ, et al. **J Bone Joint Surg [Am]** 1985 Jul;67(6):968–70

Possible congenital osteoid-osteoma of a phalanx. A case report. Szabo RM, et al. **J Bone Joint Surg [Am]** 1985 Jun; 67(5):815–6

Coccidioidal osteomyelitis in a child's finger. A case report. Thorpe CD, et al. **J Bone Joint Surg [Am]** 1985 Feb; 67(2):330–2

Bizarre parosteal osteochondromatous proliferation in the hand. A case report. Twiston Davies CW. **J Bone Joint Surg [Am]** 1985 Apr;67(4):648–50

Cryosurgical treatment of periungual warts. Kuflik EG. **J Dermatol Surg Oncol** 1984 Sep;10(9):673–6

Herpetic whitlow in family practice. Jarris RF Jr, et al. **J Fam Pract** 1984 Dec;19(6):797, 800–1

Calcinosis of the flexor and extensor tendons in dermatomyositis—case report. Ames EL, et al. **J Hand Surg [Am]** 1984 Nov;9(6):876–9

Junctura tendinum between extensor digitorum communis and extensor pollicis longus. Steichen JB, et al. **J Hand Surg [Am]** 1984 Sep;9(5):674–6

Sonographic diagnosis of glomus tumor of the finger. Fornage BD, et al. **J Ultrasound Med** 1984 Nov;3(11):523–4

Three patients with a malignant felon [letter] Gilhuis R. **Neth J Surg** 1984 Oct;36(5):144–6

Subungual osteochondroma. Hodgkinson DJ. **Plast Reconstr Surg** 1984 Dec;74(6):833–4

Squamous cell carcinoma of the fingers treated with chemosurgery. Tomsick RS, et al. **South Med J** 1984 Sep; 77(9):1124–6

[Diabetes mellitus with atrophy of the mm. interossei of the upper extremities] Lazarov G, et al. **Vutr Boles** 1985; 24(2):102–6 (Eng. Abstr.) **(Bul)**

[Multiple gangrene of the digits in a female patient with liver cirrhosis, diabetes mellitus and cryoglobulinemia] Lazarov G, et al. **Vutr Boles** 1985;24(2):97–101 (Eng. Abstr.) **(Bul)**

[Finger infections. 250 patients treated in an emergency department] Gøtrik JK, et al. **Ugeskr Laeger** 1984 Dec 31; 147(1):17–9 (Eng. Abstr.) **(Dan)**

[The elastic finger, often the thumb, in young children] Moorman-Voestermans CG. **Ned Tijdschr Geneeskd** 1984 Oct 20;128(42):2002–3 **(Dut)**

[Monstrous enchondroma of the ungual phalanx of the forefinger with nail deformity] Wawrosch W, et al. **Hautarzt** 1985 Mar;36(3):168–9 (Eng. Abstr.) **(Ger)**

[Effect of steroids on the development of soft-tissue calcifications at the margin of the distal tuberosity of the fingers] Fischer E. **Radiologe** 1985 Feb;25(2):93–4 (Eng. Abstr.) **(Ger)**

[Osseous sequelae to tenosynovitis in the fingers and toes in chronic polyarthritis] Fischer E. **Radiologe** 1984 Dec; 24(12):573–5 (Eng. Abstr.) **(Ger)**

[Principles of follow-up care in finger infections] Wintsch K. **Ther Umsch** 1985 Apr;42(4):285–7 (Eng. Abstr.) **(Ger)**

[A case of extensor indicis brevis manus muscle] Della Vella P, et al. **Chir Ital** 1985 Apr;37(2):214–8 (Eng. Abstr.) **(Ita)**

[A rare case of glomus tumor of the fingers] Giberto M, et al. **Chir Ital** 1983 Apr;35(2):270–5 (Eng. Abstr.) **(Ita)**

[A case of systemic sclerosis in childhood complicated by severe digital ulcers] Falcini F, et al. **Pediatr Med Chir** 1984 Sep–Oct;6(5):703–7 (Eng. Abstr.) **(Ita)**

[Results of long-term heparin treatment of patients with acroscleroderma] Chodorowska G. **Wiad Lek** 1984 Nov 15;37(22):1765–9 (Eng. Abstr.) **(Pol)**

[Use of hydrocortisone in treating stenotic tendovaginitis of the fingers in children] Pechora TA. **Vestn Khir** 1985 Apr; 134(4):97–9 (Eng. Abstr.) **(Rus)**

[Glomus tumors of the fingers] Finkel'shtein SI. **Vestn Rentgenol Radiol** 1984 Nov–Dec;(6):74–5 **(Rus)**

[Occurrence of dactylitis tuberculosa in adults] Palmaj J, et al. **Bratisl Lek Listy** 1984 Nov;82(5):1369–72 (Eng. Abstr.) **(Slo)**

[The man behind the syndrome: William Heberden. One of the great 18th century physicians and writers with knowledge impressive even today] Hedfors E. **Lakartidningen** 1985 Jan 30;82(5):312 **(Swe)**

ABNORMALITIES

Prenatal diagnosis of Weyers syndrome (deficient ulnar and fibular rays with bilateral hydronephrosis). Elejalde BR, et al. **Am J Med Genet** 1985 Jul;21(3):439–44

Prenatal diagnosis of Meckel syndrome: case reports and literature review. Johnson VP, et al. **Am J Med Genet** 1984 Aug;18(4):699–711

Meckel syndrome in different populations. Lurie IW, et al. **Am J Med Genet** 1984 Aug;18(4):661–9

Gross anatomical studies of a newborn infant with the Meckel syndrome. Pettersen JC. **Am J Med Genet** 1984 Aug; 18(4):649–59

Unusual type of brachydactyly associated with short stature and facial anomalies. A new syndrome? Richieri-Costa A, et al. **Am J Med Genet** 1985 Aug;21(4):637–42

The Meckel syndrome in Finland: epidemiologic and genetic aspects. Salonen R, et al. **Am J Med Genet** 1984 Aug; 18(4):691–8

The Meckel syndrome: clinicopathological findings in 67 patients. Salonen R. **Am J Med Genet** 1984 Aug; 18(4):671–89

Syndrome of camptodactyly, ankyloses, facial anomalies, and pulmonary hypoplasia (Pena-Shokeir syndrome): obstetric and ultrasound aspects. Shenker L, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):303–7

Otopalatodigital syndrome. Takato T, et al.

Ann Plast Surg 1985 Apr;14(4):371–4

Congenital ulnar drift and camptodactyly produced by malformation of the retaining ligaments of the skin. Zancolli EA, et al. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall; 44(2):558–76

The grotesque digit. Frayha RA. **Clin Exp Rheumatol** 1984 Oct–Dec;2(4):341–3

Guadalajara camptodactyly syndrome type II. Cantú JM, et al. **Clin Genet** 1985 Jul;28(1):54–60

The facio-audio-symphalangism syndrome: report of a case and review of the literature. Hurvitz SA, et al. **Clin Genet** 1985 Jul;28(1):61–8

Familial recurrence of terminal transverse defects of the arm. Pauli RM, et al. **Clin Genet** 1985 Jun;27(6):555–63

Autosomal dominant transmission of ankylosed teeth, abnormalities of the jaws, and clinodactyly. A four-generation study. Pelias MZ, et al. **Clin Genet** 1985 May;27(5):496–500

A new syndrome with camptodactyly, joint contractures, facial anomalies, and skeletal defects: a case report and review of syndromes with camptodactyly. Rozin MM, et al. **Clin Genet** 1984 Oct;26(4):342–55

Familial syndrome with some features of the Langer-Giedion syndrome, and paracentric inversion of chromosome 8, inv 8 (q11.23——q21.1). Shabtai F, et al. **Clin Genet** 1985 Jun; 27(6):600–5

A newly recognized feature of ectrodactyly, ectodermal dysplasia, clefting (EEC) syndrome: comedone naevus. Leibowitz MR, et al. **Dermatologica** 1984;169(2):80–5

Recent knowledge on the cleft hand: it's pathologic pattern and scope. Watari S, et al. **Hiroshima J Med Sci** 1984 Mar; 33(1):81–100

Scalp defect associated with postaxial polydactyly: confirmation of a distinct entity with autosomal dominant inheritance. Buttiëns M, et al. **Hum Genet** 1985;71(1):86–8

Rudimentary polydactyly: report of five cases. Kitayama Y, et al. **J Hand Surg [Am]** 1985 May;10(3):382–5

Congenital anomalies of the little finger. Miura T, et al. **J Hand Surg [Br]** 1985 Jun;10(2):245–8

Clinical differences between typical and atypical cleft hand. Miura T, et al. **J Hand Surg [Br]** 1984 Oct;9(3):311–5

A new brachydactyly syndrome with similarities to Julia Bell types B and E. Pitt P, et al. **J Med Genet** 1985 Jun; 22(3):202–4

Septo-optic dysplasia with digital anomalies. Pagon RA, et al. **J Pediatr** 1984 Dec;105(6):966–8

Weill-Marchesani syndrome with bilateral angle-closure glaucoma. Wright KW, et al. **J Pediatr Ophthalmol Strabismus** 1985 Jul–Aug; 22(4):129–32

Pathogenetic correlations among different types of digital malformations. Kameyama Y. **Prog Clin Biol Res** 1985; 163C:105–9

[Hydrometrocolpos, polydactylia and congenital heart defect (the McKusick-Dungy-Kaufman syndrome)] Hamel BC, et al. **Tijdschr Kindergeneeskd** 1984 Aug;52(4):129–33 (Eng. Abstr.) **(Dut)**

[Type I tricho-rhino-phalangeal syndrome] van Deursen S, et al. **Tijdschr Kindergeneeskd** 1985 Apr;53(2):72–6 (Eng. Abstr.) **(Dut)**

[Macrodactyly associated with benign lipoblastomatosis] Colot G, et al. **Ann Chir Main** 1984;3(3):262–5 (Eng. Abstr.) **(Fre)**

[Tricho-rhino-phalangeal syndrome. Apropos of a neonatal case] Romanet P, et al. **Ann Pediatr (Paris)** 1985 May; 32(5):473–6 (Eng. Abstr.) **(Fre)**

[Brachydactyly and spinal stenosis] Wackenheim A, et al. **Prog Clin Biol Res** 1985;163C:69–70 **(Fre)**

[Aarskog's syndrome: study of a new familial group] Baroncini A, et al. **Pathologica** 1983;75 Suppl:153–6 **(Ita)**

[Duplication of the femur, imperforate anus and polydactyly in a stillborn infant] Pesenti P, et al. **Pediatr Med Chir** 1984 Jan–Feb;6(1):147–50 (Eng. Abstr.) **(Ita)**

[Aarskog's syndrome. Description of a case and endocrinological study] Saggese G, et al. **Pediatr Med Chir** 1983 Nov–Dec;5(6):613–8 (Eng. Abstr.) **(Ita)**

[Symbrachydactyly—a roentgenographic and clinical study of 126 cases] Senrui H. **Nippon Seikeigeka Gakkai Zasshi** 1984 Jul;58(7):659–76 (Eng. Abstr.) **(Jpn)**

[Surgical treatment of mallet finger deformity] Nagay B, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(1):43–6 (Eng. Abstr.) **(Pol)**

[Surgical treatment of syndactylia associated with polydactylia] Ożga A, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(6):535–9 (Eng. Abstr.) **(Pol)**

[Blood circulation in the fingers and electric activity of the muscles after the surgical treatment of children with ectrodactylia] Iakovleva MI, et al. **Vestn Khir** 1985 Feb; 134(2):92–5 (Eng. Abstr.) **(Rus)**

[Secondary finger deformities after surgical treatment of congenital syndactylia] Shvedovchenko IV. **Vestn Khir** 1984 Nov;133(11):103–5 **(Rus)**

[Weaver syndrome. Apropos of a case] Alvarez-Coca J, et al. **An Esp Pediatr** 1984 Oct 31;21(6):626–8 **(Spa)**

ANATOMY & HISTOLOGY

Organization of the extensor complex of the digits. Mestdagh H, et al. **Anat Clin** 1985;7(1):49–53

Ring size measurement of the digits in females suffering from generalized scleroderma (acrosclerosis). A simple method to quantify skin and soft tissue affection. Serup J. **Dermatologica** 1985;171(1):41–4

[A study on the extensor digitorum brevis manus muscle in man] Yoshida Y, et al. **Kaibogaku Zasshi** 1984 Aug; 59(4):313–21 (Eng. Abstr.) **(Jpn)**

BLOOD SUPPLY

Occlusive digital artery disease in patients with Raynaud's phenomenon. Zweifler AJ, et al. **Am J Med** 1984 Dec; 77(6):995–1001

Effects of peripheral vasoconstriction on the blood pressure in the finger, measured continuously by a new noninvasive method (the Finapres). Dorlas JC, et al. **Anesthesiology** 1985 Mar;62(3):342–5

Comparison of the hunting reaction in normals and individuals with Raynaud's disease. Jobe JB, et al. **Aviat Space Environ Med** 1985 Jun;56(6):568–71

Effects of threat of shock and control over shock on finger pulse volume, pulse rate and systolic blood pressure. Smith TW, et al. **Biol Psychol** 1985 Feb;20(1):31–8

Comparison of plethysmograms taken from finger and pinna during anaesthesia. Nijboer JA, et al. **Br J Anaesth** 1985 May;57(5):531–4

Relation of haemostatic function, neurovascular impairment, and vibration exposure in workers with different stages of vibration induced white finger. Bovenzi M, et al. **Br J Ind Med** 1985 Apr;42(4):253–9

Follow up study of vibration induced white finger in chain saw operators. Futatsuka M, et al. **Br J Ind Med** 1985 Apr; 42(4):267–71

Sympathetic and local vasoconstrictor response to cold in vibration induced white finger. Olsen N, et al. **Br J Ind Med** 1985 Apr;42(4):272–5

Is low intensity vibration harmful to the digits? Vestbo J, et al. **Br J Ind Med** 1985 Aug;42(8):565–6

Vibration-induced white finger disease: a case report. Lee EH, et al. **Can J Surg** 1984 Sep;27(5):513–4

Thrombosis of the ulnar artery [letter] Richards RR. **Can J Surg** 1985 Mar;28(2):109

Effects of peripheral vasoconstriction on the measurement of blood pressure in a finger. Wesseling KH, et al. **Cardiovasc Res** 1985 Mar;19(3):139–45

Nailfold capillary microscopy: a new technique for finger systolic pressure measurement. Priollet P, et al. **Clin Exp Rheumatol** 1984 Jul–Sep;2(3):217–20

Ring avulsion injuries, care of amputated parts, replants, and revascularization. Burkhalter WE. **Emerg Med Clin North Am** 1985 May;3(2):365–71

Cephalic and digital vasomotor orienting responses: the effect of response localization, stimulus type and stimulus repetition. Figar S, et al. **Int J Neurosci** 1984 Dec; 25(1–2):99–112

Guidelines for the use of digital tourniquets based on physiological pressure measurements. Shaw JA, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1086–90

Digital ischemia secondary to thrombosis of a persistent median artery. Aulicino PL, et al. **J Hand Surg [Am]** 1984 Nov;9(6):820–3

Serial quantitative skin surface fluorescence: a new method for postoperative monitoring of vascular perfusion in revascularized digits. Graham BH, et al. **J Hand Surg [Am]** 1985 Mar;10(2):226–30

Embolotherapy in the treatment of congenital arteriovenous malformations of the hand: a case report. Moore JR, et al. **J Hand Surg [Am]** 1985 Jan;10(1):135–9

Digital venous anatomy. Moss SH, et al. **J Hand Surg [Am]** 1985 Jul;10(4):473–82

Spontaneous retrocarpal radial artery thrombosis: a report of two cases. Richards RR, et al. **J Hand Surg [Am]** 1984 Nov;9(6):823–7

Ischaemic isolated retraction of the abductor digiti minimi. Monteleone M, et al. **J Hand Surg [Br]** 1985 Feb;10(1):57–9

Vibration exposure and vibration-induced white finger due to chain saw operation. Futatsuka M, et al. **J Occup Med** 1985 Apr;27(4):257–64

What does photoplethysmography measure? de Trafford J, et al. **Med Biol Eng Comput** 1984 Sep;22(5):479–80

Individual differences in the responses to repeated bell sound bursts of heart rate and plethysmogram from the index finger. Kabuto M, et al. **Nippon Eiseigaku Zasshi** 1984 Aug; 39(3):651–61

Infrared and ELC thermography in the assessment of the digital rewarming curve after a Finger-Cooling test. A preliminary report. Belcaro G, et al. **Panminerva Med** 1985 Jan–Mar;27(1):33–8

Digital ischemia in the neonate following intravenous therapy. Wehbé MA, et al. **Pediatrics** 1985 Jul;76(1):99–103

Blood viscosity and finger systolic pressure in primary and traumatic vasospastic disease. Sandhagen B, et al. **Ups J Med Sci** 1985;90(1):55–9

[Periungual capillaroscopic aspects in Behçet's disease. Apropos of 30 cases] Wechsler B, et al. **Ann Dermatol Venereol** 1984;111(6–7):543–50 (Eng. Abstr.) **(Fre)**

[Quantitative test for measuring vascular reactivity to cold by the digital plethysmography technic (letter)] Planchon B, et al. **Presse Med** 1985 Jun 15;14(24):1340–1 **(Fre)**

[Use of volar veins in finger replantation] Stober R, et al. **Aktuel Traumatol** 1984 Oct;14(5):215–7 (Eng. Abstr.) **(Ger)**

[Automatic finger plethysmography as a human pharmacologic research tool. A methodologic study] Müller M, et al. **Arzneimittelforsch** 1984;34(6):702–6 (Eng. Abstr.) **(Ger)**

[Microvascular reconstruction of peripheral blood vessel occlusions in the hand and fingers] Brennwald J, et al. **Helv Chir Acta** 1985 Apr;52(1):103–5 (Eng. Abstr.) **(Ger)**

[Combined use of droperidol and xylocitin in peripheral arteriography] Böhlke R, et al. **Radiol Diagn (Berl)** 1984; 25(3):255–7 (Eng. Abstr.) **(Ger)**

[Blood pressure of the fingers of patients with progressive systemic sclerosis] Mizutani H, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Aug;94(9):1015–20 **(Jpn)**

[Time-dependent measurement of differential digital plethysmogram in bicycle ergometer exercise] Takemiya T, et al. **Nippon Seirigaku Zasshi** 1985;47(2):65–76 (Eng. Abstr.) **(Jpn)**

[A case of atypical vibration syndrome] Knapikowa D, et al. **Pol Tyg Lek** 1984 Sep 24;39(39):1301–3 (Eng. Abstr.) **(Pol)**

[Intraoperative and postoperative monitoring of blood circulation in autologous transplantation of toes to the hand] Krylov VS, et al. **Khirurgiia (Mosk)** 1985 May; (5):89–93 (Eng. Abstr.) **(Rus)**

[Relation between finger pallor, the cold test and digital plethysmography in woodcutters who work with various types of power saws] Rački Z. **Arh Hig Rada Toksikol** 1984 Dec;35(4):343–53 (Eng. Abstr.) **(Ser)**

[Capillary microscopy of the nail fold in Raynaud's phenomenon. Use in the early diagnosis of scleroderma] Rivera Redondo J, et al. **Rev Clin Esp** 1985 Jun;177(1):7–10 (Eng. Abstr.) **(Spa)**

GROWTH & DEVELOPMENT

Retardation of finger growth after injury to the flexor tendons. Cunningham MW, et al. **J Hand Surg [Am]** 1985 Jan;10(1):115–7

INNERVATION

Somatotopic organization of the human somatosensory cortex revealed by neuromagnetic measurements. Okada YC, et al. **Exp Brain Res** 1984;56(2):197–205

Digital nerve-grafting for traumatic defects. Use of the lateral antebrachial cutaneous nerve. Tenny JR, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1375–9

Lateral antebrachial cutaneous nerve as as a graft for digital nerve [letter] Ettelson CD. **J Hand Surg [Am]** 1984 Sep; 9(5):767

Intraosseous nerve transposition for treatment of painful neuromas. Goldstein SA, et al. **J Hand Surg [Am]** 1985 Mar;10(2):270–4

Digital nerve grafting using the dorsal sensory branch of the ulnar nerve. Greene TL, et al. **J Hand Surg [Br]** 1985 Feb;10(1):37–40

Painful arm and moving fingers [letter] Verhagen WI, et al. **J Neurol Neurosurg Psychiatry** 1985 Apr;48(4):384–5

Empty perineurial tube graft used to repair a digital nerve: a first case report. Restrepo Y, et al. **Microsurgery** 1985; 6(2):73–7

The effect of lesions of the corpus callosum on finger localization. Geffen G, et al. **Neuropsychologia** 1985; 23(4):497–514

Subepineural pacinian corpuscle: a cause of digital pain. Friedman HI, et al. **Plast Reconstr Surg** 1984 Nov; 74(5):699–703

[Correlation of subjective assessments with somatosensory evoked potentials to electrical stimulation of the finger in man] Murayama N. **Nippon Seirigaku Zasshi** 1985; 47(4):171–81 (Eng. Abstr.) **(Jpn)**

[Numb fingers and its clinical diagnosis—viewpoints in hand surgery] Lundborg G, et al. **Lakartidningen** 1984 Sep 12; 81(37):3220–3 **(Swe)**

MICROBIOLOGY

Acid fast bacilli in lymph node aspirate and smears from ear lobules and fingers in long treated patients. Kumar B, et al. **Ind J Lepr** 1984 Jan–Mar;56(1):71–7

PATHOLOGY

Raynaud's phenomenon progressing to gangrene after vincristine and bleomycin therapy. Elomaa I, et al. **Acta Med Scand** 1984;216(3):323–6

A syndrome with nodular erythema, elongated and thickened fingers, and emaciation. Kitano Y, et al. **Arch Dermatol** 1985 Aug;121(8):1053–6

Digital gangrene in a heavy smoker. Kwan LW, et al. **Hosp Pract [Off]** 1984 Oct;19(10):261–2

Stump the experts. Kouskoukis CE. **J Dermatol Surg Oncol** 1985 Mar;11(3):209, 349

Painful digital subepineural pacinian corpuscles [letter] Brynildsen PJ. **Plast Reconstr Surg** 1985 Jun;75(6):929–30

[Carpal tunnel syndrome with digital ulcerations in a patient with renal insufficiency on periodic hemodialysis] Adoue D, et al. **Ann Dermatol Venereol** 1984;111(11):1019–21 **(Fre)**

[Role of periarterial sympathectomy in the treatment of digital gangrene. Apropos of a case of paraneoplastic gangrene] Housset B, et al. **Rev Med Interne** 1984 Sep;

5(3):236–8 (Fre)

PHYSIOLOGY

Individual differences in the ability to discriminate the direction of spontaneous changes in peripheral finger temperature. Yates AJ. **Biofeedback Self Regul** 1984 Dec; 9(4):439–50

The little finger. Carter SJ. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):168–76

Finger release sequence for fastball and curveball pitches. Stevenson JM. **Can J Appl Sport Sci** 1985 Mar;10(1):21–5

Movement related slow potentials. II. A contrast between finger and foot movements in left-handed subjects. Brunia CH, et al. **Electroencephalogr Clin Neurophysiol** 1985 Feb; 60(2):135–45

Acoustic facilitation of the Hoffmann reflex. Rudell AP, et al. **Exp Neurol** 1985 Sep;89(3):592–602

A microcomputer system for the measurement of finger forces. Bolsinger PP, et al. **J Biomed Eng** 1985 Jan;7(1):51–5

Processing of tactile spatial information with crossed fingers. Benedetti F. **J Exp Psychol [Hum Percept]** 1985 Aug; 11(4):517–25

Functional assessment of ray transfer for central digital loss. Colen L, et al. **J Hand Surg [Am]** 1985 Mar;10(2):232–7

Discharge in muscle spindle afferents related to direction of slow precision movements in man. Hulliger M, et al. **J Physiol (Lond)** 1985 May;362:437–53

[Functional anatomy of the finger extensor mechanism under physiological and pathological conditions. I] Pollack HJ. **Beitr Orthop Traumatol** 1985 May;32(5):214–21 (Eng. Abstr.) (Ger)

PHYSIOPATHOLOGY

[Volar flexion of the fingers. Its value in the diagnosis of paralysis of the intrinsic muscles of the fingers, in leprosy particularly, and the study of the results of palliative operations] Bourrel P. **Chirurgie** 1984;110(8–9):772–8 (Eng. Abstr.) (Fre)

RADIATION EFFECTS

Electron beam dosimetry study of the digits in total body surface irradiation. Wong F, et al. **J Can Assoc Radiol** 1984 Sep;35(3):254–6

Exposure to fingers while handling a solvent extraction-type technetium-99m generator. Kini KS, et al. **J Nucl Med** 1985 Jun;26(6):650–4

RADIOGRAPHY

Florid reactive periostitis of the phalanges. Porter AR, et al. **AJR** 1985 Mar;144(3):617–8

Roentgendensitometric study of the phalanx. Trouerbach WT, et al. **Diagn Imag Clin Med** 1985;54(2):64–77

Nutrient foramina in the phalanges of the hands. Pastakia B, et al. **J Can Assoc Radiol** 1984 Dec;35(4):369–71

Acro-osteolysis associated with hypertrophic pulmonary osteoarthropathy and pachydermoperiostosis. Joseph B, et al. **Radiology** 1985 Feb;154(2):343–4

Case report 304. Florid reactive periostitis proximal phalange of the left 5th finger. Jongeward RH Jr, et al. **Skeletal Radiol** 1985;13(2):169–73

Cheirolumbar dysostosis and constitutional narrowness of the cervical spinal canal. Wackenheim A. **Skeletal Radiol** 1985; 14(1):47–52

[Reparative giant-cell granuloma of the extremities] Lingg G, et al. **ROFO** 1985 Feb;142(2):185–8 (Eng. Abstr.) (Ger)

RADIONUCLIDE IMAGING

Gallium imaging in sarcoid dactylitis. Schleissner LA, et al. **Clin Nucl Med** 1985 Feb;10(2):106–7

Acro-osteolysis in a patient with Hajdu-Cheney syndrome demonstrated by bone scintigraphy. Velchik MG. **Clin Nucl Med** 1984 Nov;9(11):659

SURGERY

Aggressive postoperative pharmacotherapy for vascular compromise of replanted digits. Rapoport S, et al. **AJR** 1985 May;144(5):1065–6

Toe-to-hand transfers in reconstructive surgery of the hand. Experience with seventy-one cases. Foucher G, et al. **Ann Chir Main** 1984;3(2):124–38 (Eng, Fre)

Cosmetic amputation of the long finger with carpal osteotomy. Pezé W, et al. **Ann Chir Main** 1984;3(3):232–6 (Eng, Fre)

The 'rule of tens' prediction of functional results. An aid for selection for replantation. Schenck RR. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):459–65

Replantation of avulsively amputated thumb or degloved finger. Cheng GL, et al. **Chin Med J [Engl]** 1984 Apr; 97(4):239–44

The treatment of mucous cysts: long-term follow-up in sixty-two cases. Dodge LD, et al. **J Hand Surg [Am]** 1984 Nov;9(6):901–4

A new digital retractor. Earley MJ. **J Hand Surg [Am]** 1984 Nov;9(6):922–3

More about hypothenar skin grafts for fingertip reconstruction [letter] Jabaley ME. **J Hand Surg [Am]** 1985 Jul;10(4):588–9

Reconstruction of central metacarpal ray defects of the hand with a free vascularized double metatarsal and metatarsophalangeal joint transfer [letter] Jahss MH. **J Hand Surg [Am]** 1985 Mar;10(2):314

The skin incision in pollicization. Malek R, et al. **J Hand Surg [Am]** 1985 Mar;10(2):305–6

A technique of distraction osteosynthesis in the hand. Manktelow RT, et al. **J Hand Surg [Am]** 1984 Nov; 9(6):858–62

Dupuytren's disease arising from the abductor digiti minimi. Barton NJ. **J Hand Surg [Br]** 1984 Oct;9(3):265–70

The triradiate incision. Grundberg AB, et al. **J Hand Surg [Br]** 1985 Jun;10(2):190–2

Venous occlusion plethysmography in patients with cold related symptoms after digital salvage procedures. Kay S. **J Hand Surg [Br]** 1985 Jun;10(2):151–4

An anomalous flexor digitorum superficialis indicis muscle in association with a fibroma presenting as a stiff painful finger. Kernohan J, et al. **J Hand Surg [Br]** 1984 Oct; 9(3):335–6

Methods of evaluation of the functional results of flexor tendon repair of the fingers. Nielsen AB, et al. **J Hand Surg [Br]** 1985 Feb;10(1):60–1

Free vascularised transfer of a metatarsophalangeal joint to the hand. A technical modification. Smith PJ, et al. **J Hand Surg [Br]** 1985 Feb;10(1):109–12

Transpositional digital replantation. Chiu HY, et al. **J Trauma** 1985 May;25(5):440–3

A digit replantation model. Haines P, et al. **Microsurgery** 1985;6(2):70–2

Laser Doppler surveillance of the circulation of free flaps and replanted digits. Hedén PG, et al. **Microsurgery** 1985; 6(1):11–9

Functional properties of palmaris longus muscles of rhesus monkeys transplanted as index finger flexors. Markley JM Jr, et al. **Plast Reconstr Surg** 1985 Oct;76(4):574–9

Inverted-U incision for exploration of the distal phalanx. Mirza MA, et al. **Plast Reconstr Surg** 1984 Oct;74(4):548–9

A simple method for cooling fingers during replantation surgery. Nakayama Y, et al. **Plast Reconstr Surg** 1985 May; 75(5):750–1

Limb preservation in replantation surgery. Smith AR, et al. **Plast Reconstr Surg** 1985 Feb;75(2):227–37

Ten-digit replantation. Wei FC, et al. **Plast Reconstr Surg** 1984 Dec;74(6):826–32

[Digital replantation in children] Cheng GL. **Chung Hua Wai Ko Tsa Chih** 1984 Sep;22(9):540–2, 573 (Eng. Abstr.) (Chi)

[Successful replantation of nine amputated digits in a single case] Cheng GL. **Chung Hua Wai Ko Tsa Chih** 1984 Nov; 22(11):681–2, 702 (Eng. Abstr.) (Chi)

[Replantation of severed fingers to the forearm stump for reconstruction of partial hand function] Cheng GL. **Chung Hua Wai Ko Tsa Chih** 1984 Apr;22(4):195–8 (Eng. Abstr.) (Chi)

[Painful stumps after digital amputations] Iselin F, et al. **Ann Chir Main** 1984;3(2):156–9 (Eng. Abstr.) (Fre)

TRANSPLANTATION

Thumb reconstruction pollicisation or toe-to-hand transfers. A comparative study of functional results. Michon J, et al. **Ann Chir Main** 1985;4(2):98–110 (Eng, Fre)

Cross transposition of short amputation stumps for reconstruction of the thumb. Kessler I. **J Hand Surg [Br]** 1985 Feb;10(1):76–8

One stage thumb reconstruction using a previously injured little finger from the contralateral hand. Moss AL, et al. **J Hand Surg [Br]** 1985 Feb;10(1):73–5

Subtotal reconstruction of the thumb by transposition of index finger. Takami H, et al. **J Hand Surg [Br]** 1985 Jun; 10(2):176–8

FINGERSUCKING

Digital deformities and dental malocclusion due to finger sucking. Reid DA, et al. **Br J Plast Surg** 1984 Oct; 37(4):445–52

Technique for constructing custom thumb-chewing guards. Engelmeier RL. **J Prosthet Dent** 1985 Jul;54(1):154–5

COMPLICATIONS

Thumb sucking habit and associated dental differences in one of monozygous twins [letter] Becker A. **Br J Orthod** 1985 Jul;12(3):164

[Management of neuromuscular training and psychotherapy] Bouvet JM, et al. **Rev Stomatol Chir Maxillofac** 1985; 86(3):153–5 (Eng. Abstr.) (Fre)

FAMILIAL & GENETIC

Thumb sucking habit and associated dental differences in one of monozygous twins. Willmot DR. **Br J Orthod** 1984 Oct; 11(4):195–9

OCCURRENCE

The prevalence and the etiology of the initial dummy- and finger-sucking habit. Larsson EF, et al. **Am J Orthod** 1985 May;87(5):432–5

PHYSIOPATHOLOGY

[Incisor infraclusion and muscular behavior. Thumbsucking] Fraudet JR. **Rev Stomatol Chir Maxillofac** 1985;86(2):84–6 (Eng. Abstr.) (Fre)

PREVENTION & CONTROL

Practical technique to correct thumb-sucking habit [letter] Arroyo Valdes JF. **Br Dent J** 1984 Aug 25;157(4):124

REHABILITATION

Flexible arm splints in the control of a Lesch-Nyhan victim's finger biting and a profoundly retarded client's finger sucking. Ball TS, et al. **J Autism Dev Disord** 1985 Jun; 15(2):177–84

THERAPY

The use of response prevention to eliminate nocturnal thumbsucking. Van Houten R, et al. **J Appl Behav Anal** 1984 Winter;17(4):509–20

FINISHING, DENTAL see **DENTAL POLISHING**

FIRE EXTINGUISHING SYSTEMS see under **FIRES**

FIRE RETARDANTS see **FLAME RETARDANTS**

FIREPROOFING AGENTS see **FLAME RETARDANTS**

FIRES

The 1983 South Australian bushfire disaster. Pounder. DJ. **Am J Forensic Med Pathol** 1985 Mar;6(1):77–92

Never say never. Negligible carboxyhemoglobin in the victim of a smoldering mattress fire. Walter JE, et al. **Am J Forensic Med Pathol** 1984 Sep;5(3):239–44

Self-preservation ability and residential fire emergencies: replication and criterion-validity study. MacEachron AE, et al. **Am J Ment Defic** 1985 Jul;90(1):107–10

Fire! Jones MK. **Am J Nurs** 1984 Nov;84(11):1368–71

Fire risks with ophthalmic ointments. Carpel EF, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):477–8

The fire hazard of carbon dioxide laser surgery [letter] Ehrlich WV, et al. **Am J Ophthalmol** 1984 Dec 15; 98(6):817–8

Smoke detector legislation: its effect on owner-occupied homes. McLoughlin E, et al. **Am J Public Health** 1985 Aug;75(8):858–62

Combustible plastic drapes [letter] Milliken RA, et al. **Anaesth Intensive Care** 1984 Aug;12(3):275

Flammable surgical drapes—a patient and personnel hazard. Milliken RA, et al. **Anesth Analg** 1985 Jan;64(1):54–7

An epidemiological study of lung functions and hearing acuity in Singapore firemen. Phoon WO, et al. **Ann Acad Med Singapore** 1984 Apr;13(2 Suppl):408–16

Teaching developmentally disabled persons how to react to fires. Bertsch G, et al. **Appl Res Ment Retard** 1984; 5(4):483–97

Intoxication by cyanide in fires: a study in monkeys using polyacrylonitrile. Purser DA, et al. **Arch Environ Health** 1984 Nov–Dec;39(6):394–400

Ash Wednesday: the effects of a fire. McFarlane AC, et al. **Aust NZ J Psychiatry** 1984 Dec;18(4):341–51

Pulmonary function of London firemen. Douglas DB, et al. **Br J Ind Med** 1985 Jan;42(1):55–8

Effects of radiant heat in fire fighting instructors. Stevenson CJ. **Br J Ind Med** 1985 Jan;42(1):67–8

Evacuating immobile patients using stairwell slides. Brisebois G, et al. **Dimens Health Serv** 1984 Dec;61(12):16, 39

St. Clare's Mercy reviews fire safety procedures. FitzGerald BM. **Dimens Health Serv** 1984 Dec;61(12):14–5

An assessment of the radiological impact of the Windscale reactor fire, October 1957. Crick MJ, et al. **Int J Radiat Biol** 1984 Nov;46(5):479–506

Establishment of independent responding to a fire alarm in a blind, profoundly retarded adult. Cohen IL. **J Behav Ther Exp Psychiatry** 1984 Dec;15(4):365–7

In vivo training of a fire emergency skill with a severely retarded adult. Luiselli JK. **J Behav Ther Exp Psychiatry** 1984 Sep;15(3):277–80

Free radical production from controlled low-energy fires: toxicity considerations. Lowry WR, et al. **J Forensic Sci** 1985 Jan;30(1):73–85

Studies of toxic gas production during actual structural fires in the Dallas area. Lowry WT, et al. **J Forensic Sci** 1985 Jan;30(1):59–72

PCB-containing transformer fires: decontamination guidelines based on health considerations. Milby TH, et al. **J Occup Med** 1985 May;27(5):351–6

Use of Halon 1301 in a hospital [letter] Tobacman JK, et al. **J Occup Med** 1984 Sep;26(9):632, 634

An evaluation of burning for control of winter ticks, Dermacentor albipictus, in central Alberta. Drew ML, et al. **J Wildl Dis** 1985 Jul;21(3):313–5

Fire, gases, smoke lower crash survival chances [news] Gunby P. **JAMA** 1984 Dec 28;252(24):3349

Arsenic exposure [letter] Horvath EP. **JAMA** 1985 Feb 1; 253(5):634

Some health consequences of a natural disaster. Clayer JR, et al. **Med J Aust** 1985 Sep 2;143(5):182–4

Fire safety training with adults who are profoundly mentally retarded. Rae R, et al. **Ment Retard** 1985 Feb;23(1):26–30

Firefighters face unknowns in right-to-know protection. Stroud R. **Occup Health Saf** 1985 Jun;54(6):18–22

Injuries to the bronchi and lungs caused by laser-ignited endotracheal tube fires. Duncavage JA, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):639–43

Behavior therapy and fire emergencies: conceptualization, assessment, and intervention. Jones RT, et al. **Prog Behav Modif** 1985;19:177-216

A home burns: stress in a family. Ordway JE. **Psychiatr J Univ Ottawa** 1984 Sep;9(3):127-31

Potential consequences of a fire in an insecticide storage facility. Jeffries C, et al. **Regul Toxicol Pharmacol** 1985 Jun; 5(2):197-203

Accidental fire deaths. The 5-year Metropolitan Dade Country experience from 1979 until 1983. Copeland AR. **Z Rechtsmed** 1985;94(1):71-9

[Color change in dental tissue as a sign of thermal damage] Endris R, et al. **Z Rechtsmed** 1985;94(2):109-20 (Eng. Abstr.) **(Ger)**

[Pathology in firemen] del Piano M, et al. **G Ital Med Lav** 1983 Sep;5(5):221-5 (Eng. Abstr.) **(Ita)**

[Alcohol drinking patterns among members of the self-defence fire brigade in Yokohama City] Mori T, et al. **Arukoru Kenkyuto Yakubutsu Ison** 1984 Jun; 19(2):118-23 (Eng. Abstr.) **(Jpn)**

[The patient in the history of medicine] Guarner V, et al. **Gac Med Mex** 1983 Aug;119(8):301-14 **(Spa)**

PREVENTION & CONTROL

Helium retards endotracheal tube fires from carbon dioxide lasers. Pashayan AG, et al. **Anesthesiology** 1985 Mar; 62(3):274-7

Ethanol vapor entrapment under drapes [letter] Morritt GN, et al. **Ann Thorac Surg** 1985 Feb;39(2):196-7

Fire safety in-service provides hands-on experience. Dill SC. **Occup Health Saf** 1984 Sep;53(8):61-2

Safe instrumentation in laser surgery. Ossoff RH, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):644-8

A successful city-wide smoke detector giveaway program. Gorman RL, et al. **Pediatrics** 1985 Jan;75(1):14-8

FIRESETTING BEHAVIOR see under **IMPULSE CONTROL DISORDERS**

FIRST AID

Sydney funnel web spider bite. Sutherland S. **Aust Fam Physician** 1985 Apr;14(4):316

Snake-bite—prevention and first-aid. Ismail MM, et al. **Ceylon Med J** 1983 Sep;28(3):175-7

Practical therapeutics: first aid and therapy of poisoning from agricultural insecticides and herbicides. Obel AO. **East Afr Med J** 1984 Apr;61(4):335-8

Prehospital trauma care. Jacobs LM, et al. **Emerg Med Clin North Am** 1984 Nov;2(4):717-32

In Ibadan. Training of first-aiders amongst Sango butchers. Aina AO. **Hygie** 1985 Mar;4(1):9-12

Diaphragmatic hernia as a complication of the Heimlich maneuver. Ujjin V, et al. **Int Surg** 1984 Apr-Jun; 69(2):175-6

Bystander response to arterial bleeding: helping skills, the decision-making process, and differentiating the helping response. Shotland RL, et al. **J Pers Soc Psychol** 1985 Aug; 49(2):347-56

Retention of emergency care knowledge. Burckes ME, et al. **J Sch Health** 1984 Oct;54(9):355-7

Snakebite: first aid & hospital management. Talpers SS, et al. **Kans Med** 1985 May;86(5):155-7, 167

Medical emergencies in the air [letter] **Lancet** 1985 Feb 9; 1(8424):353-4

Stethoscopes on aircraft [letter] Rubenstein HS. **Lancet** 1985 Feb 9;1(8424):353

Impact of the chemical protective ensemble on the performance of basic medical tasks. King JM, et al. **Milit Med** 1984 Sep;149(9):496-501

Medical recommendations for wilderness travel. 3. Medical supplies and drug regimens. Goodman PH, et al. **Postgrad Med** 1985 Aug;78(2):107-15

Heimlich maneuver in children. Robison P, et al. **Tex Med** 1985 Jun;81(6):60-1

[Attempt to analyze the extrahospital time in managing an acute myocardial infarct patient] Petrov S. **Vutr Boles** 1984; 23(5):82-6 (Eng. Abstr.) **(Bul)**

[First aid and treatment of burn patients] Sauër EW, et al. **Ned Tijdschr Geneeskd** 1984 Nov 10;128(45):2117-9 (Eng. Abstr.) **(Dut)**

[Preclinical care of the severely injured patient. 2: Experiences in emergency service, 12 years' statistics of the emergency center of the Hannover Medical School] Echtermeyer V, et al. **Fortschr Med** 1985 Apr 25; 103(16):425-8 (Eng. Abstr.) **(Ger)**

[Preclinical care of the severely injured patient. 1: Medical measures at the accident site] Echtermeyer V, et al. **Fortschr Med** 1985 Apr 18;103(15):393-6 (Eng. Abstr.) **(Ger)**

[Survival chances of emergency patients] Sefrin P. **Fortschr Med** 1985 Mar 21;103(11):290-4 (Eng. Abstr.) **(Ger)**

[First aid at the accident site—immediate measures at the hospital in burn cases] Köhnlein HE. **Langenbecks Arch Chir** 1984;364:201-3 (Eng. Abstr.) **(Ger)**

[Tolerance of patients with craniocerebral injuries to time and transportation factors] Wüllenweber R. **Langenbecks Arch Chir** 1984;364:79-83 (Eng. Abstr.) **(Ger)**

[Measures in the prehospital phase of acute myocardial infarct] Slany J. **Wien Med Wochenschr** 1984 Dec 31; 134(23-24):539-44 (Eng. Abstr.) **(Ger)**

[Analgesia and anesthesia with ketamine at the emergency site and in transport] Arndt H. **Z Arztl Fortbild (Jena)** 1984; 78(14):577-9 **(Ger)**

[Principles of preclinical pain treatment of emergency patients] Benad G. **Z Arztl Fortbild (Jena)** 1984; 78(14):571-3 **(Ger)**

[Ventilation-improving measures without assistance] Bucklitsch W. **Z Arztl Fortbild (Jena)** 1984;78(15):606-8 **(Ger)**

[The rescue station with expanded responsibilities] Scharf E. **Z Arztl Fortbild (Jena)** 1984;78(15):649-50 **(Ger)**

[Rescue stations—a necessity for emergency care] Scheidler K, et al. **Z Arztl Fortbild (Jena)** 1984;78(15):647-8 **(Ger)**

[Are local pain elimination procedures for emergency patients at the emergency site and during transportation really contraindicated?] Tautenhahn E. **Z Arztl Fortbild (Jena)** 1984;78(14):575-6 **(Ger)**

[Cardiologic emergencies in the prehospital phase] Weber D, et al. **Z Arztl Fortbild (Jena)** 1984;78(15):617-9 **(Ger)**

[Organization of first-aid in acute poisoning caused by methyl bromide] Gallo P. **Nuovi Ann Ig Microbiol** 1983 Jul-Aug; 34(4):327-37 (Eng. Abstr.) **(Ita)**

[Decompression sickness—diagnosis, first aid and principles of emergency treatment. I] Krzyżak J, et al. **Pol Tyg Lek** 1984 Sep 17;39(38):1277-82 (21 ref.) (Eng. Abstr.) **(Pol)**

[Decompression sickness—diagnosis, first aid and principles of treatment. II] Krzyżak J, et al. **Pol Tyg Lek** 1984 Sep 24;39(39):1305-9 (15 ref.) (Eng. Abstr.) **(Pol)**

[First aid and transportation of patients with cranio-cerebral injuries] Wroński M, et al. **Pol Tyg Lek** 1985 May 13; 40(19):558-60 **(Pol)**

[Method of studying the job load of first-aid physicians] Kaptsov VA, et al. **Gig Tr Prof Zabol** 1985 Apr;(4):41-2 **(Rus)**

[Effect of improvement of pre-hospital medical services on mortality in acute myocardial infarction] Gol'dberg GA, et al. **Kardiologiia** 1984 Nov;24(11):100-3 (Eng. Abstr.) **(Rus)**

[Use of a cardiologic consultation and diagnostic service in medical first aid and at a therapy center] Oleĭnik MM, et al. **Kardiologiia** 1985 Apr;25(4):100-2 (Eng. Abstr.) **(Rus)**

[Surgical first aid in open injuries of the limbs] Goriachev AN, et al. **Ortop Travmatol Protez** 1985 Mar;(3):70-1 **(Rus)**

[History of the organization of first aid in trauma and the prevention of occupational injuries in the Donetsk coal mining region] Revenko TA, et al. **Ortop Travmatol Protez** 1985 Feb;(2):70-3 **(Rus)**

[Organization of emergency medical and resuscitation services at the pre-hospital stage] Rudenko MI, et al. **Voen Med Zh** 1985 Feb;(2):62-4 **(Rus)**

[Emergency care in the acute form of ischemic heart disease at the first-aid stage] Senenko AN, et al. **Voen Med Zh** 1984 Oct;(10):53-5 **(Rus)**

[Temporary electric cardiac stimulation at the pre-hospital stage] Pilipenko VA, et al. **Vrach Delo** 1985 Apr;(4):24-6 (Eng. Abstr.) **(Rus)**

[Work organization and equipping of a central dispatcher-controlled station for first aid and emergency medical care in a large city] Usichenko II. **Vrach Delo** 1984 Aug;(8):1-4 **(Rus)**

HISTORY

[The Pan-German Exhibition of Hygiene and Emergency Aid, Berlin 1883, and various communal hygiene aspects at the end of the 19th century] Hiller I. **Z Gesamte Hyg** 1985 Mar;31(3):184-7 (Eng. Abstr.) **(Ger)**

VETERINARY

First aid for wild birds. Cooper JE. **In Pract** 1984 Nov; 6(6):195-8

First aid for cage birds. Turner T. **In Pract** 1985 May; 7(3):76-81

FISH DISEASES

[Virus infections in fishes: etiology, diagnosis and control] Ahne W. **Zentralbl Veterinarmed [B]** 1985 Apr;32(4):237-64 (114 ref.) (Eng. Abstr.) **(Ger)**

BLOOD

Erythrocytic and leukocytic responses to cadmium poisoning in a freshwater fish, Puntius conchonius Ham. Gill TS, et al. **Environ Res** 1985 Apr;36(2):327-37

CHEMICALLY INDUCED

Induction of branchial (gill) neoplasms in the medaka fish (Oryzias latipes) by N-methyl-N'-nitro-N-nitrosoguanidine. Brittelli MR, et al. **Cancer Res** 1985 Jul;45(7):3209-14

Sewage effluent biomonitoring. I. Survival, growth, and histopathological effects in channel catfish. Mitz SV, et al. **Ecotoxicol Environ Safety** 1985 Aug;10(1):22-39

Two cases of lymphosarcoma in channel catfish exposed to N-methyl-N'-nitro-N-nitrosoguanidine. Chen HH, et al. **JNCI** 1985 Apr;74(4):933-9

Toxic chemicals in marine sediment and biota from Mukilteo, Washington: relationships with hepatic neoplasms and other hepatic lesions in English sole (Parophrys vetulus). Malins DC, et al. **JNCI** 1985 Feb;74(2):487-94

Ichthyotoxism by a paralytic toxin produced by marine dinoflagellates of the genus Ceratium: relationship to fraction beta isolated from the sponge Tedania ignis. Mijares AJ, et al. **Toxicon** 1985;23(2):221-33

Response of Channa punctatus (Bloch) under short and long term exposure to industrial pollutants: induction of histopathology in the kidney. Bhattacharya T, et al. **Z Mikrosk Anat Forsch** 1985;99(2):327-34

[Chemical studies of the death of fishes, using gas chromatography/mass spectrometry] Wolf M, et al. **DTW** 1985 May 7;92(5):174-8 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

In vitro and in vivo detection of infectious pancreatic necrosis virus in fish by enzyme-linked immunosorbent assay. Hattori M, et al. **Am J Vet Res** 1984 Sep;45(9):1876-9

Comparative sensitivities of diagnostic procedures used to detect bacterial kidney disease in salmonid fishes. Cipriano RC, et al. **J Wildl Dis** 1985 Apr;21(2):144-8

Detection of Vibrio anguillarum antigen by the dot blot assay. Cipriano RC, et al. **J Wildl Dis** 1985 Jul;21(3):211-8

[Hemorrhagic septicemia in rainbow trout due to Yersinia ruckeri sp. nov.] Gelev I, et al. **Vet Med Nauki** 1984; 21(6):84-90 (Eng. Abstr.) **(Bul)**

[An improved method for the diagnosis of whirling disease (Myxosoma cerebralis, Hofer 1903) in rainbow trout] Hermanns W, et al. **Berl Munch Tierarztl Wochenschr** 1985 Apr 1;98(4):126-9 (Eng. Abstr.) **(Ger)**

ENZYMOLOGY

[Acid phosphatase activity in the internal organs of carp (Cyprinus carpio L.) infected with tapeworm Khawia sinensis (Hsü, 1935) and Bothriocephalus gowkongensis (Yeh, 1955)] Jara Z, et al. **Wiad Parazytol** 1984;30(2):207-21 (Eng. Abstr.) **(Pol)**

ETIOLOGY

Extracellular virulence factors of fish Vibrio: relationships between toxic material, hemolysin, and proteolytic enzyme. Kodama H, et al. **Am J Vet Res** 1984 Oct;45(10):2203-7

Experimental studies on cysts in the prolactin zone of the pituitary in the 9-spined stickleback, Pungitius pungitius L. Benjamin M. **J Comp Pathol** 1985 Jan;95(1):57-64

Granulomatous peritonitis in a fish caused by a flagellated protozoan. Gardiner CH, et al. **J Wildl Dis** 1984 Jul; 20(3):238-40

Effects of chemically induced immune modulation on infectious diseases of fish. Anderson DP, et al. **Prog Clin Biol Res** 1984;161:187-211 (55 ref.)

Occurrence of VHS virus in wild white fish (Coregonus sp.). Ahne W, et al. **Zentralbl Veterinarmed [B]** 1985 Jan; 32(1):73-5

FAMILIAL & GENETIC

Xiphophorus as an in vivo model for studies on normal and defective control of oncogenes. Anders F, et al. **Adv Cancer Res** 1984;42:191-275 (264 ref.)

The genes that carcinogens act upon. Anders F, et al. **Haematol Bluttransfus** 1985;29:228-52

Elevated expression of the cellular src gene in tumors of differing etiologies in Xiphophorus. Schartl M, et al. **Int J Cancer** 1985 Aug 15;36(2):199-207

IMMUNOLOGY

The immune response in immunized and naturally infected rainbow trout (Salmo gairdneri) to Diplostomum spathaceum as detected by enzyme-linked immunosorbent assay (ELISA). Bortz BM, et al. **Dev Comp Immunol** 1984 Fall;8(4):813-22

[New evidence of the capacity of parasite-infected fish for a humoral immune response] Balakhnin IA. **Dokl Akad Nauk SSSR** 1985;281(6):1492-4 **(Rus)**

METABOLISM

[Effect of cestodes on the tissue lipid composition of the burbot and stickleback] Gur'ianova SD, et al. **Parazitologiia** 1985 Mar-Apr;19(2):152-5 (Eng. Abstr.) **(Rus)**

[Changes in the electrolyte composition of the blood and muscles in carp infection with Ichthyophthirius multifiliis (Ciliata, Ophryoglenidae)] Limanskiĭ VV, et al. **Parazitologiia** 1984 Nov-Dec;18(6):479-81 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Difference in the extracellular products of two strains of Aeromonas hydrophila virulent and weakly virulent for fish. Lallier R, et al. **Can J Microbiol** 1984 Jul;30(7):900-4

Bacterial pathogens of fish. Austin B, et al. **J Appl Bacteriol** 1985 May;58(5):483-506 (275 ref.)

Comparison of in vitro growth characteristics of ten isolates of infectious haematopoietic necrosis virus. Mulcahy D, et al. **J Gen Virol** 1984 Dec;65 (Pt 12):2199-207

Some aspects of virus shedding by rainbow trout (Salmo gairdneri Rich.) after waterborne infection with viral haemorrhagic septicaemia (VHS) virus. Neukirch M, et al. **Zentralbl Bakteriol Mikrobiol Hyg** [A] 1984 Aug; 257(3):433–8

The existence of three different viral agents in a tumour bearing European eel (Anguilla anguilla). Ahne W, et al. **Zentralbl Veterinarmed** [B] 1985 Mar;32(3):228–35

MORTALITY

Separating starvation losses from other early feeding fry mortality in steelhead trout Salmo gairdneri, chinook salmon Oncorhynchus tshawytscha, and lake trout Salvelinus namaycush. Skea JC, et al. **Bull Environ Contam Toxicol** 1985 Jul;35(1):82–91

Leeches on freshwater farmed fishes in Iraq. Khalifa KA. **J Wildl Dis** 1985 Jul;21(3):312–3

[Viral hemorrhagic septicemia in rainbow trout (Salmo gairdneri Rich.): effect of water temperature and body weight on mortality following experimental infection in water] Neukirch M. **Berl Munch Tierarztl Wochenschr** 1984 Sep 1;97(9):329–32 (Eng. Abstr.) **(Ger)**

OCCURRENCE

First record of viral erythrocytic necrosis and Ceratomyxa shasta Noble, 1950 (Myxozoa: Myxosporea) in feral pink salmon (Oncorhynchus gorbuscha Walbaum). Bell GR, et al. **J Wildl Dis** 1985 Apr;21(2):169–71

Metacercariae of Diplostomum spathaceum in freshwater fish of the lake system Koronia and Volvi (Macedonia, Greece). Kalfa-Papaioannou AM, et al. **Zentralbl Veterinarmed** [B] 1985 Jan;32(1):65–70

Incidence of coccidiosis in horse-mackerel (Trachurus trachurus, T. mediterraneus, T. picturatus) and sardines (Clupea pilchardus) from the North Aegean Sea. Kalfa-Papaioannou AM, et al. **Zentralbl Veterinarmed** [B] 1984 Aug;31(7):530–6

[Proliferative kidney disease in salmonid fish] Hoffmann R, et al. **Berl Munch Tierarztl Wochenschr** 1984 Aug 1; 97(8):288–91 (Eng. Abstr.) **(Ger)**

[Seasonal dynamics of the extent of the infestation of the vendace by the cestode Proteocephalus exiguus (Cestoda, Proteocephalidae) in Karelia] Iakushev VIu. **Parazitologiia** 1985 Mar–Apr;19(2):95–100 (Eng. Abstr.) **(Rus)**

PARASITOLOGY

Rhinebothrium biorchidum n. sp., a tetraphyllidean cestode from a yellow-spotted stingray, Urolophus jamaicensis, in Jamaica. Huber PM, et al. **J Parasitol** 1985 Feb;71(1):1–3

Trypanosoma danilewskyi: host specificity and host's effect on morphometrics. Woo PT, et al. **J Parasitol** 1984 Oct; 70(5):788–93

PKX, the causative agent of proliferative kidney disease (PKD) in Pacific salmonid fishes and its affinities with the Myxozoa. Kent ML, et al. **J Protozool** 1985 May; 32(2):254–60

Myxosporean infections in cultured tilapias in Israel. Landsberg JH. **J Protozool** 1985 Feb;32(1):194–201

Intra-axonal parasites in the fish Notropis cornutus (Mitchill). Ferguson HW, et al. **Vet Pathol** 1985 Mar;22(2):194–6

Coccidiofauna of cultured and feral fishes in fish farms. Jastrzebski M. **Wiad Parazytol** 1984;30(2):141–63

[Mitraspora cyprini Fujita, 1912 (Protozoa Myxosporea Bütschli, 1881) in the kidneys of carp from Lower Saxony pond farms] Körting W, et al. **Berl Munch Tierarztl Wochenschr** 1985 Feb 1;98(2):63–4 (Eng. Abstr.) **(Ger)**

[Myxosporidia infections of the kidney of carp (Cyprinus carpio L.) from Lower Saxony pond farms] Körting W, et al. **Berl Munch Tierarztl Wochenschr** 1984 Jul 1; 97(7):255–9 (Eng. Abstr.) **(Ger)**

[A metacercarial disease in the dogfish species Umbra limi (Teleostei) and a trematode infestation in a Physa sp. (Mollusca)] Foersch W, et al. **Tierarztl Prax** 1984; 12(3):422–5 (Eng. Abstr.) **(Ger)**

[Polymorphism of Trypanosoma Gruby, 1841 found in the blood of carp (Carassius auratus Gibelio (Bloch), perch (Perca fluviatilis L.) and stone perch (Acerina cernua (L.))] Jastrzebski M. **Wiad Parazytol** 1984;30(2):171–81 (Eng. Abstr.) **(Pol)**

[New species of fish coccidia in Poland] Jastrzebski M. **Wiad Parazytol** 1984;30(2):165–70 (Eng. Abstr.) **(Pol)**

[Adaptibility of Diplostomum cercariae in carp and the effect of a prior infestation] Razmashkin DA. **Parazitologiia** 1985 Jan–Feb;19(1):44–8 (Eng. Abstr.) **(Rus)**

[Distribution of the thorny-headed worm Acanthocephalus lucii (Palaeacanthocephala, Echinorhynchidae) in the digestive tract of the perch] Serov VG. **Parazitologiia** 1985 Jan–Feb;19(1):85–7 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Gonadal neoplasms in largemouth bass, Micropterus salmoides and Japanese dace (ugui), Tribolodon hakonensis. Masahito P, et al. **Gann** 1984 Sep;75(9):776–83

The skull in normal and pugheaded females of the mosquitofish Heterandria formosa Agassiz, 1853 (teleostei, poeciliidae). Riehl R, et al. **Gegenbaurs Morphol Jahrb** 1985;131(2):261–70

Idiopathic skeletal muscle necrosis in bluegills. Zimmer MA. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1371–3

A dissecting aneurysm in the bulbus arteriosus of a brook stickleback, Culaea inconstans. Benjamin M. **J Comp Pathol** 1985 Jan;95(1):37–43

Histopathology of gill lesions in channel catfish associated with Henneguya. Bowser PR, et al. **J Wildl Dis** 1985 Apr; 21(2):177–9

A seminoma and a leiomyosarcoma in an albino African lungfish (Protopterus dolloi). Hubbard GB, et al. **J Wildl Dis** 1985 Jan;21(1):72–4

Pathology associated with a natural Edwardsiella ictaluri infection in channel catfish (Ictalurus punctatus Rafinesque). Jarboe HH, et al. **J Wildl Dis** 1984 Oct; 20(4):352–4

Viral diseases of fish: first report of carp pox in golden ide (Leuciscus idus) in North America. McAllister PE, et al. **J Wildl Dis** 1985 Jul;21(3):199–204

Lipoma in channel catfish (Ictalurus punctatus Rafinesque). McCoy CP, et al. **J Wildl Dis** 1985 Jan;21(1):74–6

Infection of Exophiala salmonis in Atlantic salmon (Salmo salar L.). Otis EJ, et al. **J Wildl Dis** 1985 Jan;21(1):61–4

Liver pathology of yellow perch, Perca flavescens (Mitchill), infected with larvae of the nematode Raphidascaris acus (Bloch, 1779). Poole BC, et al. **J Wildl Dis** 1984 Oct; 20(4):303–7

Papillomatous lesions in wild juvenile Atlantic salmon, Salmo salar L., in New Brunswick, Canada. Rand TG. **J Wildl Dis** 1985 Jul;21(3):324–6

Papillomas on fish exposed to chlorinated wastewater effluent. Grizzle JM, et al. **JNCI** 1984 Nov;73(5):1133–42

Furunculosis in rainbow trout (Salmo gairdneri) raised in sea water. Boomker J, et al. **Onderstepoort J Vet Res** 1984 Jun;51(2):91–4

Polycystic kidney disease in goldfish (Carassius auratus) from Hamilton Harbour, Lake Ontario, Canada. Munkittrick KR, et al. **Vet Pathol** 1985 May;22(3):232–7

Gastritis in Lake Tanganyika cichlids (Tropheus duboisii). Ferguson HW, et al. **Vet Rec** 1985 Jun 29;116(26):687–9

[Diseases of fresh-water fish as an impairment of fish for human consumption] Schlotfeldt HJ. **Tierarztl Prax** 1984; 12(2):263–8 **(Ger)**

[Vibriosis and furunculosis. 2 fish diseases of rainbow trout in intensive aquacultures] Steinhagen P, et al. **Tierarztl Prax** 1984;12(1):93–103 **(Ger)**

[Cytochemical characteristics of the myxosporidian Henneguya cerebralis (Myxosporidia, Myxobolidae) and pathohistological changes in the Kosogol grayling in myxosporidiasis] Pronina SV, et al. **Parazitologiia** 1985 Mar–Apr;19(2):139–46 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Suppression of bath immunization in rainbow trout by contaminant bath pretreatments. Anderson DP, et al. **Prog Clin Biol Res** 1984;161:289–93

The future of bacterial fish vaccines. Austin B. **Vaccine** 1984 Dec;2(4):249–54 (55 ref.)

RADIOGRAPHY

[Contribution to the x-ray diagnosis in fishes with special reference to the finest fish-bone structures] Zedler W, et al. **Tierarztl Prax** 1985;Suppl 1:188–94 (Eng. Abstr.) **(Ger)**

TRANSMISSION

Simultaneous transmission of a piscine piroplasm and trypanosome by a marine leech. Khan RA. **J Wildl Dis** 1984 Oct;20(4):339–41

[Role of feral fishes in the transmission of parasitic infections among breeding fishes] Pastuszko J, et al. **Wiad Parazytol** 1984;30(2):223–7 (Eng. Abstr.) **(Pol)**

FISH FLOUR see under **FISH PRODUCTS**

FISH LIVER OILS see **FISH OILS**

FISH OILS

Fish, fatty acids, and human health [editorial] Glomset JA. **N Engl J Med** 1985 May 9;312(19):1253–4

Reduction of plasma lipids, lipoproteins, and apoproteins by dietary fish oils in patients with hypertriglyceridemia. Phillipson BE, et al. **N Engl J Med** 1985 May 9; 312(19):1210–6

ADMINISTRATION & DOSAGE

Will dietary omega-3 fatty acids change the composition of human milk? Harris WS, et al. **Am J Clin Nutr** 1984 Oct; 40(4):780–5

The effects of dietary omega-3 polyunsaturated fatty acids on erythrocyte membrane phospholipids, erythrocyte deformability and blood viscosity in healthy volunteers. Cartwright IJ, et al. **Atherosclerosis** 1985 Jun;55(3):267–81

Influence of a cod liver oil diet in diabetics type I on fatty acid patterns and platelet aggregation. Schimke E, et al. **Biomed Biochim Acta** 1984;43(8–9):S351–3

Effects of dietary fish oil supplementation on the fatty acid composition of the human platelet membrane: demonstration of selectivity in the incorporation of eicosapentaenoic acid into membrane phospholipid pools. Galloway JH, et al. **Clin Sci** 1985 Apr;68(4):449–54

A fish oil diet rich in eicosapentaenoic acid reduces cyclooxygenase metabolites, and suppresses lupus in MRL-lpr mice. Kelley VE, et al. **J Immunol** 1985 Mar; 134(3):1914–9

[An epidemiological study on dietary ingestion of eicosapentaenoic acid (EPA) and platelet function in Japanese] Hirai A. **Nippon Naika Gakkai Zasshi** 1985 Jan; 74(1):13–20 **(Jpn)**

ANALYSIS

Fatty acids in fish oils and their analysis by gas chromatography. Gunstone FD. **Br J Clin Pract [Symp Suppl]** 1984;31:15–9

Quantitative high-performance liquid chromatographic method for determining the isomer distribution of retinol (vitamin A1) and 3-dehydroretinol (vitamin A2) in fish oils. Stancher B, et al. **J Chromatogr** 1984 Nov 16;312:423–34

High-performance liquid chromatographic determination of vitamin D3 in fish liver oils and eel body oils. Takeuchi A, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Oct; 30(5):421–30

Fatty acid and squalene compositions of Mediterranean Centrophorus SPP egg and liver oils in relation to age. Peyronel D, et al. **Lipids** 1984 Sep;19(9):643–8

METABOLISM

The background and origins of omega-3 nutrition. Reed SA. **Br J Clin Pract [Symp Suppl]** 1984;31:5–9

PHARMACODYNAMICS

Dietary supplementation of eicosapentaenoic acid (C20:5 omega-2; EPA), platelet function and blood pressure regulation. Weber PC. **Br J Clin Pract [Symp Suppl]** 1984; 31:122–5

The influence of marine oil intake upon levels of lipids, alpha-tocopherol and lipid peroxidation in serum and liver of rats. Mouri K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Aug;30(4):307–18

Cod-liver oil in the prevention of intimal hyperplasia in autogenous vein grafts used for arterial bypass. Landymore RW, et al. **J Thorac Cardiovasc Surg** 1985 Mar;89(3):351–7

Effects of fish oil rich in eicosapentaenoic acid on serum lipid in hyperlipidemic hemodialysis patients. Hamazaki T, et al. **Kidney Int** 1984 Jul;26(1):81–4

Alteration and recovery of bleeding times, platelet aggregation and fatty acid composition of individual phospholipids in platelets of human subjects receiving a supplement of cod-liver oil. Ahmed AA, et al. **Lipids** 1984 Aug;19(8):617–24

Influence of dietary partially hydrogenated vegetable and marine oils on membrane composition and function of liver microsomes and platelets in the rat. Blomstrand R, et al. **Lipids** 1985 May;20(5):283–95

Fish, fish oils and coronary heart disease [editorial] Walker AR. **S Afr Med J** 1985 Jul 6;68(1):1–2

[The influence of dietary sardine oil (eicosapentaenoic acid) on the erythrocyte membrane fluidity in diabetic patients] Otsuji S, et al. **Rinsho Byori** 1984 Jul;32(7):764–71 **(Jpn)**

THERAPEUTIC USE

Triglyceride-lowering effect of marine polyunsaturates in patients with hypertriglyceridemia. Sanders TA, et al. **Arteriosclerosis** 1985 Sep–Oct;5(5):459–65

A GP's use of omega-3 lipids in coronary heart disease. Walsh GP. **Br J Clin Pract [Symp Suppl]** 1984;31:75–6

Nutritional treatment of rheumatoid arthritis. Can alterations in fat intake affect disease course? Podell RN. **Postgrad Med** 1985 May 15;77(7):65, 68–9, 72

A double-blind, placebo-controlled trial of fish oil concentrate (MaxEpa) in stroke patients. Green D, et al. **Stroke** 1985 Jul–Aug;16(4):706–9

[The effect of fish oils on plasma lipid levels in hyperlipidemics] Skořepa J, et al. **Cas Lek Cesk** 1985 Aug 2;124(31):970–3 (Eng. Abstr.) **(Cze)**

TOXICITY

Long-term effects of partially hydrogenated herring oil on the rat myocardium. Schiefer HB, et al. **Drug Nutr Interact** 1982;1(2):89–102

FISH PRODUCTS

Isolation and characterization of Pediococcus halophilus from salted anchovies (Engraulis anchoita). Villar M, et al. **Appl Environ Microbiol** 1985 Mar;49(3):664–6

The microbiology of stockfish during the drying process. Valdimarsson G, et al. **J Appl Bacteriol** 1984 Dec; 57(3):413–21

The effect of gizzerosine, a recently discovered compound in overheated fish meal, on the gastric acid secretion in chicken. Masumura T, et al. **Poult Sci** 1985 Feb; 64(2):356–61

[Microbiological evaluation of ground Maurolicus] Grigor'ev IuI, et al. **Gig Sanit** 1984 Oct;(10):75–7 **(Rus)**

[Sanitary-bacteriological characteristics of industrial areas for processing shrimp meat] Grigor'ev IuI. **Gig Sanit** 1984 Nov;(11):89–90 **(Rus)**

[Feasibility of the use of different binding agents for the development of products based on deboned fish flesh] Quezada O, et al. **Arch Latinoam Nutr** 1984 Mar; 34(1):169–88 (Eng. Abstr.) **(Spa)**

[Evaluation of the protein quality of meat flour from the tollo shark (Squalus acanthias)] Rúa AL, et al.

Arch Latinoam Nutr 1984 Mar;34(1):146-68 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

Lipid keratopathy and atheromatosis in an SPF laboratory rabbit colony attributable to diet. Sebesteny A, et al. **Lab Anim** 1985 Jul;19(3):180-8

ANALYSIS

Liquid chromatographic determination of hypoxanthine content in fish tissue. Burns BG, et al. **J Assoc Off Anal Chem** 1985 May-Jun;68(3):444-8

Studies on fish protein concentrate and fish meal from river Nile bolti fish (Tilapia nilotica). Zein GN, et al. **Nahrung** 1985;29(5):523-32

[Investigation on the arsenic content of sea-foods of Zhoushan Region] Ma J. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1985 Mar;19(2):72-4 (Eng. Abstr.) (Chi)

[Histamine and fish hygiene] Askar A. **Z Gesamte Hyg** 1984 Dec;30(12):699-701 (Eng. Abstr.) (Ger)

[Determination of nitrosamines in salted pollack roe treated with nitrite] Kawasaki Y, et al. **Eisei Shikenjo Hokoku** 1984;(102):134-7 (Eng. Abstr.) (Jpn)

[Tocopherol content in whitefish and its products] Storozhok NM. **Vopr Pitan** 1985 Jan-Feb;(1):73-4 (Rus)

HISTORY

Salted fish products in ancient medicine. Curtis RI. **J Hist Med Allied Sci** 1984 Oct;39(4):430-45

POISONING

[A case of trichinelliasis and food poisoning] Borisenko VS, et al. **Vrach Delo** 1985 Jun;(6):98-9 (Rus)

STANDARDS

The role of collagen in the quality and processing of fish. Sikorski ZE, et al. **CRC Crit Rev Food Sci Nutr** 1984; 20(4):301-43 (114 ref.)

SUPPLY & DISTRIBUTION

A vital role for aquatic resources in feeding a hungry world. Whittle KJ. **Proc Nutr Soc** 1985 Feb;44(1):19-29

TOXICITY

Contents of free histidine and histamine in fish meals and in the model compounds and their toxicities to induce gizzard erosion. Kuba K, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Summer;23(2):69-70

FISH VENOMS

ANALYSIS

Occurrence of a water soluble toxin in a parrotfish (Ypsiscarus ovifrons) which is probably responsible for parrotfish liver poisoning. Fusetani N, et al. **Toxicon** 1985; 23(1):105-12

A non-proteinaceous toxin from the venomous spines [illegible]e lionfish Pterois volitans (Linnaeus). Nair MS, et al. **Toxicon** 1985;23(3):525-7

PHARMACODYNAMICS

Pardaxin increases solute permeability of gills and rectal gland in the dogfish shark (Squalus acanthias). Primor N, et al. **Comp Biochem Physiol [C]** 1984;78(2):483-90

Pharyngeal cavity and the gills are the target organ for the repellent action of pardaxin in shark. Primor N. **Experientia** 1985 May 15;41(5):693-5

Responses of the isolated buffalo sculpin heart to stabilized venom of the lionfish (Pterois volitans). Choromanski JM, et al. **Proc West Pharmacol Soc** 1984;27:229-32

POISONING

Catfish poisoning. Burnett JW, et al. **Cutis** 1985 Mar;35(3):208

Wound necrosis caused by the venom of stingrays. Pathological findings and surgical management. Barss P. **Med J Aust** 1984 Dec 8-22;141(12-13):854-5

FISHERIES

Dysbaric hazard of a new fishing method in Hong Kong: case report. Lam TH, et al. **Br J Ind Med** 1985 Mar; 42(3):209-10

Further update on leptospirosis: continuing risk in fish farmers [letter] Gill N, et al. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1988

Change of resource-technology relations in abalone diving-fishing on Ojika Islands: its implication to labor and health of divers. Moji K, et al. **J Hum Ergol (Tokyo)** 1983 Dec;12(2):105-20

Work styles of Okinawan diving-fishers in relation to decompression sickness and physical complaints. Sasaki A, et al. **J Hum Ergol (Tokyo)** 1983 Dec;12(2):219-22

The risk of leptospirosis in United Kingdom fish farm workers. Results from a 1981 serological survey. Gill ON, et al. **J Hyg (Lond)** 1985 Feb;94(1):81-6

Coarse fishing and risk of urothelial cancer. Sole G, et al. **Lancet** 1985 Jun 29;1(8444):1477-9

[A study on in vitro histamine release in patients with sea-squirt asthma in relationship to specific hyposensitization therapy] Tanifuji K. **Arerugi** 1984 Jun; 33(6):357-63 (Eng. Abstr.) (Jpn)

[Coronary heart disease among fishermen in the Gamvik district] Brunvand L. **Tidsskr Nor Laegeforen** 1985 Mar 30;105(9-10):663-4 (Eng. Abstr.) (Nor)

[Do fishermen often suffer from illness? Health problems in fishermen] Fugelli P, et al. **Tidsskr Nor Laegeforen** 1984 Dec 20;104(35-36):2465-8 (Nor)

STANDARDS

[General Agriculture and Fishery Inspection Service] Braks GJ. **Tijdschr Diergeneeskd** 1984 Dec 1;109(23):996-9 (Dut)

FISHES

Toxicity of endrin and malathion mixtures to flagfish (Jordanella floridae). Hermanutz RO, et al. **Arch Environ Contam Toxicol** 1985 May;14(3):307-14

The effects of heavy metal contamination on the aquatic biota of Buttle Lake and the Campbell River drainage (Canada). Roch M, et al. **Arch Environ Contam Toxicol** 1985 May; 14(3):347-62

Influence on serum lipids, lipoproteins and blood pressure of mackerel and herring diet in patients with type IV and V hyperlipoproteinemia. Singer P, et al. **Atherosclerosis** 1985 Jul;56(1):111-8

Delay in primary haemostasis produced by a fish diet without change in local thromboxane A2. Thorngren M, et al. **Br J Haematol** 1984 Dec;58(4):567-78

Renal pathology in fish (Puntius conchonius Ham.) following exposure to acutely lethal and sublethal concentrations of monocrotophos. Kumar S, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):228-33

PCBs in striped bass collected from the Hudson River, New York, during fall, 1981. White RJ, et al. **Bull Environ Contam Toxicol** 1985 Jun;34(6):383-9

The ichthyotoxicity and coronary vasodilator action of diethylstilbestrol. Inamori Y, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):420-3

The sensitivity of rainbow trout and other fish to carcinogens. Bailey GS, et al. **Drug Metab Rev** 1984;15(4):725-50 (84 ref.)

Hazardous marine animals. Auerbach PS. **Emerg Med Clin North Am** 1984 Aug;2(3):531-44

Transplantable chemically-induced liver tumors in the viviparous fish Poeciliopsis. Schultz ME, et al. **Exp Mol Pathol** 1985 Jun;42(3):320-30

Blood pressure lowering effect of eicosapentaenoic acid-rich diet in normotensive, hypertensive and hyperlipemic subjects. Singer P, et al. **Experientia** 1985 Apr 15; 41(4):462-4

Free fatty acids in irradiated hake fillets. Quaranta HO, et al. **Int J Appl Radiat Isot** 1984 Sep;35(9):912-3

Dry weight and exudate production in irradiated tuna loins. Quaranta HO, et al. **Int J Appl Radiat Isot** 1984 Sep; 35(9):914

Liquid chromatographic determination of hypoxanthine content in fish tissue. Burns BG, et al. **J Assoc Off Anal Chem** 1985 May-Jun;68(3):444-8

Determination of chlorinated methylthiobenzenes and their sulfoxides and sulfones in fish. Gardner AM, et al. **J Assoc Off Anal Chem** 1984 Nov-Dec;67(6):1082-5

Liquid chromatographic determination of tetracycline residues in meat and fish. Onji Y, et al. **J Assoc Off Anal Chem** 1984 Nov-Dec;67(6):1135-7

Determination of histamine in fish by liquid chromatography with post-column reaction and fluorometric detection. Walters MJ. **J Assoc Off Anal Chem** 1984 Nov-Dec; 67(6):1040-3

Predictors of dominance in male Betta splendens. Bronstein PM. **J Comp Psychol** 1985 Mar;99(1):47-55

Prior-residence effect in Betta splendens. Bronstein PM. **J Comp Psychol** 1985 Mar;99(1):56-9

Salted fish products in ancient medicine. Curtis RI. **J Hist Med Allied Sci** 1984 Oct;39(4):430-45

Antineoplastic and piscicidal 1-alkyldaphnane orthoesters from Pimelea species. Tyler MI, et al. **J Nat Prod** 1985 May-Jun;48(3):440-5

Behavioral modification of estuarine fish exposed to sulfur dioxide. Hall LW Jr, et al. **J Toxicol Environ Health** 1984; 13(4-6):969-78

The environmental impacts of four insecticides on non-target organisms in the Gezira Irrigation Scheme canals of Sudan. Karim AA, et al. **J Trop Med Hyg** 1985 Apr;88(2):161-8

Botulism associated with commercially distributed kapchunka—New York City. **MMWR** 1985 Sep 6; 34(35):546-7

Fish consumption and mortality from coronary heart disease [letter] **N Engl J Med** 1985 Sep 26;313(13):820-4

The inverse relation between fish consumption and 20-year mortality from coronary heart disease. Kromhout D, et al. **N Engl J Med** 1985 May 9;312(19):1205-9

The effect of certain antibiotics on bolti fish (Tilapia nilotica) preservation. el-Bedawey AE, et al. **Nahrung** 1985; 29(3):303-8

Fish, fish oils and coronary heart disease [editorial] Walker AR. **S Afr Med J** 1985 Jul 6;68(1):1-2

Percent of fat in meat, poultry and seafood [letter] Freedman GC. **West J Med** 1985 Apr;142(4):559-61

Organochlorine pesticides and polychlorinated biphenyls in herring from the southern Baltic, 1981. Falandysz J. **Z Lebensm Unters Forsch** 1984 Jul;179(1):20-3

Solubilization of fish muscle proteins with buffers containing sodium dodecyl sulfate. Rehbein H, et al. **Z Lebensm Unters Forsch** 1985 May;180(5):373-8

[The effect of a diet enriched with marine and freshwater fish on the levels of plasma lipids after 3 months of administration] Chochola M, et al. **Sb Lek** 1985 Jan; 87(1):23-8 (Eng. Abstr.) (Cze)

[Weever fish stings and their sequelae] Rasmussen AM, et al. **Ugeskr Laeger** 1985 Jun 17;147(25):1982-5 (Eng. Abstr.) (Dan)

[Incomplete paralysis of the striated musculature, respiratory paralysis and complete gastrointestinal atony in a youthful patient following a canned fish meal] Heck I, et al. **Internist (Berlin)** 1984 Aug;25(8):514-6 (Ger)

[Biotests—current status and development: tests using fish—effect-related biotest methods—ecological tests] Hansen PD. **Schriftenr Ver Wasser Boden Lufthyg** 1984; 57:109-17 (Ger)

[Use of fish cell cultures for toxicity determination in order to reduce and replace the fish tests] Ahne W. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 May; 180(5-6):480-504 (Eng. Abstr.) (Ger)

[Polychlorine pesticide and polychlorobiphenyl compound residues in fish from the southern Baltic Sea 1981] Falandysz J. **Rocz Panstw Zakl Hig** 1984;35(5):417-22 (Eng. Abstr.) (Pol)

[Laboratory trials of the effectiveness of tropical larvivorous fish as agents for controlling mosquito larvae. 1. The principles of selecting the fish and trial methods] Artem'ev MM, et al. **Med Parazitol (Mosk)** 1984 Jul-Aug;(4):51-3 (Eng. Abstr.) (Rus)

[Histamine poisoning by scombroid fish—initial report on the first 7 epidemics registered in the region around Rijeka 1982-1984] Bakašun V, et al. **Lijec Vjesn** 1985 Jun; 107(6):232-4 (Eng. Abstr.) (Scr)

[Histamine in tuna fish made 2 young people emergency cases] Hervius I. **Lakartidningen** 1985 Jul 24;82(30-31):2619 (Swe)

ANATOMY & HISTOLOGY

Ultrastructure of bony-fish heart tissue treated with beta-glycerophosphate/lead citrate or adenosine triphosphate/lead nitrate. Leknes IL. **Acta Histochem (Jena)** 1984;75(2):153-8

Histochemical characterization of the muscle fiber types of the Teleost (Esox lucius L.). Zawadowska B, et al. **Acta Histochem (Jena)** 1984;75(1):91-100

Morphology and innervation of the fish heart. Santer RM. **Adv Anat Embryol Cell Biol** 1985;89:1-102 (210 ref.)

The effects of post-mortem changes and calcium depletion on the ultrastructure of myocardial cells in a teleost. Leknes IL. **Anat Anz** 1984;157(3):221-5

Primary afferent projections of the octavus nerve to the inferior reticular formation and adjacent nuclei in the elasmobranch, Rhinobatos sp. Dunn RF, et al. **Brain Res** 1984 Dec 10;323(2):354-9

Structure and behaviour of Stannius corpuscles in relation to vitamin D3 induced hypercalcemia in male Clarias batrachus. Srivastav SP, et al. **Cell Mol Biol** 1985;31(1):1-5

Ultrastructural changes in the spermatogonia and spermatocytes of Poecilia reticulata during spermatogenesis. Billard R. **Cell Tissue Res** 1984; 237(2):219-26

Ultrastructure and innervation of the swimbladder of Tetractenos glaber (Tetraodontidae). Green SL. **Cell Tissue Res** 1984;237(2):277-84

Immunocytochemical demonstration of mammalian lutropin-like material in the pituitary of the lungfish, Lepidosiren paradoxa. Hansen GN, et al. **Cell Tissue Res** 1985;239(2):355-8

Urotensin II-immunoreactive neurons in the caudal neurosecretory system of freshwater and seawater fish. Owada K, et al. **Cell Tissue Res** 1985;239(2):349-54

Electron-microscopic study of innervation of smooth muscle cells surrounding collecting tubules of the fish kidney. Tsuneki K, et al. **Cell Tissue Res** 1984;238(2):307-12

The eye of the venomous marine teleost Trachinus vipera with special reference to the structure and ultrastructure of visual cells and pigment epithelium. Kunz YW, et al. **Exp Biol** 1985;43(3):161-78

Dark-induced cone outer segment damage in the neon tetra (Paracheirodon innesi). Lythgoe JN, et al. **Exp Eye Res** 1984 Nov;39(5):629-37

Aging changes in the heart of a poeciliid fish, the guppy Poecilia reticulatus. Woodhead AD. **Exp Gerontol** 1984; 19(6):383-91

The fish spleen: structure and function. Fänge R, et al. **Experientia** 1985 Feb 15;41(2):152-8

The epithalamus and dorsal thalamus of three freshwater teleostean fishes. Goel HR. **Folia Morphol (Praha)** 1985; 33(2):143-9

Structure of the olfactory epithelium of the Indian freshwater catfish Clarias batrachus (Linn.). Goel HR. **Folia Morphol (Praha)** 1984;32(4):379-83

Adenohypophyseal cell types in the pituitary gland of Osteobrama cotio (Ham.). Sahai S. **Folia Morphol (Praha)** 1984;32(3):279-84

Kidney patterns in some teleostean fishes—a morphological study. Singh S, et al. **Folia Morphol (Praha)** 1984;

32(3):288–92

Functional morphology and histology of the olfactory organs of the hill stream carp Crossocheilus latius latius (Hamilton). Singh W, et al. **Folia Morphol (Praha)** 1984; 32(3):269–74

Histochemical and electronmicroscopical analysis of muscle fiber in myotomes of teleost fish (Noemacheilus barbatulus L.). Kilarski W, et al. **Gegenbaurs Morphol Jahrb** 1985; 131(1):55–72

The skull in normal and pugheaded females of the mosquitofish Heterandria formosa Agassiz, 1853 (teleostei, poeciliidae). Riehl R, et al. **Gegenbaurs Morphol Jahrb** 1985;131(2):261–70

Relationship between the structures and steroidogenic functions of the testes of the urohaze-goby (Glossogobius olivaceus). Asahina K, et al. **Gen Comp Endocrinol** 1985 Feb;57(2):281–92

A Golgi study of the cell types of the dorsal torus semicircularis of the electric fish Eigenmannia: functional and morphological diversity in the midbrain. Carr CE, et al. **J Comp Neurol** 1985 May 8;235(2):207–40

Central organization of eighth nerve and mechanosensory lateral line systems in the brainstem of ictalurid catfish. Finger TE, et al. **J Comp Neurol** 1984 Oct 10;229(1):129–51

Retinal ganglion cells in two teleost species, Sebastiscus marmoratus and Navodon modestus. Ito H, et al. **J Comp Neurol** 1984 Oct 10;229(1):80–96

Diameters and terminal patterns of retinofugal axons in their target areas: an HRP study in two teleosts (Sebastiscus and Navodon). Ito H, et al. **J Comp Neurol** 1984 Dec 1; 230(2):179–97

T reticular interneurons: a class of serially repeating cells in the zebrafish hindbrain. Kimmel CB, et al. **J Comp Neurol** 1985 Mar 15;233(3):365–76

Peripheral configuration and central projections of the lateral line system in Astronotus ocellatus (Cichlidae): a nonelectroreceptive teleost. Meredith GE. **J Comp Neurol** 1984 Sep 20;228(3):342–58

Anatomy of the posterior lateral line system in young larvae of the zebrafish. Metcalfe WK, et al. **J Comp Neurol** 1985 Mar 15;233(3):377–89

Reflex connections of the facial and vagal gustatory systems in the brainstem of the bullhead catfish, Ictalurus nebulosus. Morita Y, et al. **J Comp Neurol** 1985 Jan 22;231(4):547–58

The organization of retinal projections to the diencephalon and pretectum in the cichlid fish, Haplochromis burtoni. Presson J, et al. **J Comp Neurol** 1985 May 15;235(3):360–74

Connections of the lobus inferior hypothalami of the clearnose skate Raja eglanteria (Chondrichthyes). Smeets WJ, et al. **J Comp Neurol** 1985 Apr 15;234(3):380–92

The mormyrid brainstem. I. Distribution of brainstem neurones projecting to the spinal cord in Gnathonemus petersii. An HRP study. Hlavacek M, et al. **J Hirnforsch** 1984;25(6):603–15

Comparative scanning electron microscopy of the ventricular surface in four actinopterygian fishes: Acipenser ruthenus, Salmo gairdneri, Tinca tinca and Blennius sanquinolentus (Pisces). Kotrschal K, et al. **J Hirnforsch** 1985;26(1):41–63

Distribution of aminergic neurons in the brain of the sterlet, Acipenser ruthenus (Chondrostei, Actinopterygii). Kotrschal K, et al. **J Hirnforsch** 1985;26(1):65–72

Plasma membrane organization of astrocytes in elasmobranchs with special reference to the brain barrier system. Gotow T, et al. **J Neurocytol** 1984 Oct;13(5):727–42

Chemical dissection of stereovilli from fish inner ear reveals differences from intestinal microvilli. Neugebauer DC, et al. **J Neurocytol** 1984 Oct;13(5):797–808

Ultrastructural localization of alkaline phosphatase in fish enamel organ (Oplegnathus fasciatus). Inage T, et al. **J Nihon Univ Sch Dent** 1984 Sep;26(3):187–201

The presence and distribution of gap junctions in the oocyte-follicle cell complex of the zebrafish, Brachydanio rerio. Kessel RG, et al. **J Submicrosc Cytol** 1985 Apr; 17(2):239–53

A horseradish peroxidase procedure for tracing the central projections of peripheral nerves in exsanguinated anamniotes. McCormick CA, et al. **Neurosci Lett** 1984 Oct 12;51(2):207–12

The distinctive central utricular projections in the herring. Meredith GE. **Neurosci Lett** 1985 Apr 9;55(2):191–6

The mormyrid brainstem—III. Ultrastructure and synaptic organization of the medullary 'pacemaker' nucleus. Elekes K, et al. **Neuroscience** 1985 Jun;15(2):431–43

The mormyrid brainstem--II. The medullary electromotor relay nucleus: an ultrastructural horseradish peroxidase study. Elekes K, et al. **Neuroscience** 1985 Jun;15(2):417–29

Fine structure of the retinal pigment epithelial region of the archerfish (Toxotes jaculatrix). Braekevelt CR. **Ophthalmic Res** 1985;17(4):221–9

Functional morphology of the piper Hyporhamphus ihi with reference to the role of the lateral line in feeding. Montgomery JC, et al. **Proc R Soc Lond [Biol]** 1985 Apr 22;224(1235):197–208

The spiracular organ of sharks and skates: anatomical evidence indicating a mechanoreceptive role. Barry MA, et al. **Science** 1984 Nov 23;226(4677):990–2

Two gustatory systems: facial and vagal gustatory nuclei have different brainstem connections. Finger TE, et al. **Science** 1985 Feb 15;227(4688):776–8

A histochemical study on the adrenal of the teleost Heteropneustes fossilis (Bloch). Joy KP. **Z Mikrosk Anat Forsch** 1984;98(3):396–402

The adrenal gland components in the head kidneys of some marine and fresh water teleosts from Egypt. Khalil RM, et al. **Z Mikrosk Anat Forsch** 1984;98(5):685–98

[Effect of different acclimatization temperatures on the ultrastructure of neuronal synapses of perch (Tilapia mariae; Cichlidae, Teleostei)] Sester U, et al. **J Hirnforsch** 1984;25(6):701–11 (Eng. Abstr.) **(Ger)**

[Histogenetic studies on the teeth of the marble gourami. (Trichogaster trichopterus)] Togo Y. **Kokubyo Gakkai Zasshi** 1984 Sep;51(3):493–535 (Eng. Abstr.) **(Jpn)**

[An anatomical study on the spleen of archaic fishes. 1. Coelacanthiformes and dipneusti] Tanaka Y. **Nippon Ketsueki Gakkai Zasshi** 1985 May;48(3):710–23 (Eng. Abstr.) **(Jpn)**

[Ultrastructural and biochemical changes in the muscle tissue of Notothenia nudifrons L. during prolonged cold preservation] Lebskaia TK, et al. **Arkh Anat Gistol Embriol** 1985 Feb;88(2):64–71 (Eng. Abstr.) **(Rus)**

[Topography of the ampulla of Lorenzini system of Raja clavata and its role in electroorientation] Antipin NP, et al. **Neirofiziologiia** 1984;16(6):815–21 (Eng. Abstr.) **(Rus)**

BLOOD

A kinetic and equilibrium study of ligand binding to a Root-effect haemoglobin. Brittain T. **Biochem J** 1985 Jun 1;228(2):409–14

Hematology of three deep-sea fishes: a reflection of low metabolic rates. Graham MS, et al. **Comp Biochem Physiol [A]** 1985;80(1):79–84

Erythrocyte phosphate composition and osmotic fragility in the Australian lungfish, Neoceratodus fosteri, and osteoglossid, Scleropages schneichardti. Isaacks RE, et al. **Comp Biochem Physiol [A]** 1984;79(4):667–71

The effect of anticoagulants on Blennius pholis L. Leucocytes. Mainwaring G, et al. **Comp Biochem Physiol [A]** 1985;80(1):85–91

Effects of temperature change on acid-base regulation in skipjack tuna (Katsuwonus pelamis) blood. Perry SF, et al. **Comp Biochem Physiol [A]** 1985;81(1):49–53

Oxygen binding by the blood and hematological effects of capture stress in two big game-fish: mako shark and striped marlin. Wells RM, et al. **Comp Biochem Physiol [A]** 1985; 81(3):643–6

Plasma vitellogenin in landlocked Atlantic salmon (Salmo salar Ouananiche): isolation, homologous radioimmunoassay and immunological cross-reactivity with vitellogenin from other teleosts. So YP, et al. **Comp Biochem Physiol [B]** 1985;81(1):63–71

Partial characterization of transferrins of catfish (Silurus glanis L.) and pike (Esox lucius L.). Stratil A, et al. **Comp Biochem Physiol [B]** 1985;80(4):909–11

Hemoglobin, hematology, intraerythrocytic phosphates and whole blood Bohr effect from lotic and lentic Hypostomus regani populations (São Paulo-Brasil). Val AL, et al. **Comp Biochem Physiol [B]** 1985;80(4):737–41

Characterization and function of isolated hemoglobins from the marine teleost Girella tricuspidata. Wells RM, et al. **Comp Biochem Physiol [B]** 1984;79(3):417–20

Binding of insecticides to serum proteins in mosquitofish (Gambusia affinis). Denison MS, et al. **Comp Biochem Physiol [C]** 1985;81(1):105–7

Distribution of endotoxin and its effect on serum concentrations of C-reactive protein and cortisol in the plaice (Pleuronectes Platessa L.). White A, et al. **Comp Biochem Physiol [C]** 1984;79(1):97–101

Catfish blood chemistry under environmental stress. Srivastava PN, et al. **Experientia** 1985 Jul 15;41(7):955–7

Pimozide modulates the luteinizing hormone-releasing hormone effect on gonadotrophin release in the African catfish, Clarias lazera. de Leeuw R, et al. **Gen Comp Endocrinol** 1985 Apr;58(1):120–7

Free T4 and T3 in relation to total hormone, free hormone indices, and protein in plasma of rainbow trout and arctic charr. Eales JG, et al. **Gen Comp Endocrinol** 1985 May; 58(2):291–302

Endocrine changes during natural spawning in the white sucker, Catostomus commersoni. II. Steroid hormones. Scott AP, et al. **Gen Comp Endocrinol** 1984 Dec; 56(3):349–59

Endocrine changes during natural spawning in the white sucker, Catostomus commersoni. I. Gonadotropin, growth hormone, and thyroid hormones. Stacey NE, et al. **Gen Comp Endocrinol** 1984 Dec;56(3):333–48

Blood viscosity in arctic fishes. Graham MS, et al. **J Exp Zool** 1985 Apr;234(1):157–60

[Comparative characteristics of the sex steroid content in the blood plasma of the big-mouthed buffalo, silver carp and channel catfish during reproduction] Godovich PL, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):70–5 (Eng. Abstr.) **(Rus)**

EMBRYOLOGY

Epithelial fusion during early semicircular canal formation in the embryonic zebrafish, Brachydanio rerio. Waterman RE, et al. **Anat Rec** 1984 Sep;210(1):101–14

Myeloid bodies in the pigment epithelium of a teleost embryo, the viviparous Poecilia reticulata. Ennis S, et al. **Cell Biol Int Rep** 1984 Dec;8(12):1029–39

Cell lineage of zebrafish blastomeres. II. Formation of the yolk syncytial layer. Kimmel CB, et al. **Dev Biol** 1985 Mar; 108(1):86–93

Cell lineage of zebrafish blastomeres. I. Cleavage pattern and cytoplasmic bridges between cells. Kimmel CB, et al. **Dev Biol** 1985 Mar;108(1):78–85

Cell lineage of zebrafish blastomeres. III. Clonal analyses of the blastula and gastrula stages. Kimmel CB, et al. **Dev Biol** 1985 Mar;108(1):94–101

The effects of colchicine on the ultrastructure of the dental epithelium and odontoblasts of teleost tooth buds. Prostak K, et al. **J Craniofac Genet Dev Biol** 1985;5(1):75–88

Modulation of epidermal cell shaping and extracellular matrix during caudal fin morphogenesis in the zebra fish Brachydanio rerio. Dane PJ, et al. **J Embryol Exp Morphol** 1985 Jun;87:145–61

Regulation of the permeability of the medaka fish embryo chorion by exogeneous sodium and calcium ions. Cameron IL, et al. **J Exp Zool** 1984 Sep;231(3):447–54

Electron microscopic observations on sperm entry and pronuclear formation in naked eggs of the rose bitterling in polyspermic fertilization. Ohta T. **J Exp Zool** 1985 May; 234(2):273–81

Medaka eggs as a model system for screening potential teratogens. Cameron IL, et al. **Prog Clin Biol Res** 1985; 163C:239–43

GENETICS

Xiphophorus as an in vivo model for studies on normal and defective control of oncogenes. Anders F, et al. **Adv Cancer Res** 1984;42:191–275 (264 ref.)

Sister chromatid exchange analysis in cultured peripheral blood leukocytes of the coldwater marine fish, Pacific staghorn sculpin (Leptocottus armatus): a feasible system for assessing genotoxic marine pollutants. Zakour HR, et al. **Basic Life Sci** 1984;29 Pt B:493–508

Differences in tissue expressions of enzyme activities in interspecific sunfish (Centrarchidae) hybrids and their backcross progeny. Pasdar M, et al. **Biochem Genet** 1984 Oct;22(9–10):931–56

Lactate dehydrogenase isozymes and allozymes of the nine-spined stickleback Pungitius pungitius (L.) (Osteichthyes: Gasterosteidae). Rooney CH, et al. **Comp Biochem Physiol [B]** 1985;81(3):711–5

The amino acid sequences of the copper/zinc superoxide dismutases from swordfish and Photobacter leiognathi confirm the predictions made from the compositions. Cornish-Bowden A. **Eur J Biochem** 1985 Sep 2; 151(2):333–5

Hybridization and introgression among species of sunfish (Lepomis): analysis by mitochondrial DNA and allozyme markers. Avise JC, et al. **Genetics** 1984 Sep;108(1):237–55

Genetics of Zoarces populations. XIII. Three loci determining isoenzymes of glutamic-oxaloacetic transaminase. Simonsen V, et al. **Hereditas** 1984; 101(2):129–36

Enzyme heterozygosity associated with anatomical character variance and growth in the herring (Clupea harengus L.). King DP. **Heredity (Edinburgh)** 1985 Jun;54 (Pt 3):289–96

Winter flounder antifreeze proteins: a multigene family. Gourlie B, et al. **J Biol Chem** 1984 Dec 10;259(23):14960–5

An ovarian regression syndrome in the platyfish, Xiphophorus maculatus. Burns JR, et al. **J Exp Zool** 1985 Feb;233(2):301–16

Relative developmental success of interspecific Lepomis hybrids as an estimate of gene regulatory divergence between species. Parker HR, et al. **J Exp Zool** 1985 Mar; 233(3):451–66

H-Y antigen and the evolution of heterogamety. Nakamura D, et al. **J Hered** 1984 Sep-Oct;75(5):353–8

Some factors affecting optimal differential staining of sister-chromatids in vivo in the fish Nothobranchius rachowi. van de Kerkhoff JF, et al. **Mutat Res** 1985 May-Jun;143(1–2):39–43

Antifreeze protein genes are tandemly linked and clustered in the genome of the winter flounder. Scott GK, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2613–7

Nuclear transplantation in teleosts. Hybrid fish from the nucleus of crucian and the cytoplasm of carp. Yan SY, et al. **Sci Sin [B]** 1984 Oct;27(10):1029–34

DNA damage by benzo[a]pyrene in the liver of mosquito fish Gambusia affinis. Batel R, et al. **Sci Total Environ** 1985 Mar 1;41(3):275–83

[Study of a cloned ribosomal operon region coding for 5.8S rRNA in the loach Misgurnus fossilis L.] Kupriianova NS, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1385–95 (Eng. Abstr.) **(Rus)**

[5S genes of the loach: determination of the primary structure of the transcription termination region and nontranscribed spacer] Shostak NG, et al. **Mol Biol (Mosk)** 1985 Mar-Apr; 19(2):433–7 (Eng. Abstr.) **(Rus)**

[Organization of genes coding for 5S rRNA in the loach Misgurnus fossilis L.] Shostak NG, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1352–62 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Effect of thyroxine on hepatic glucose-6-phosphatase activity and glycogen content of toad (Bufo melanostictus) and Lata fish (Ophicephalus punctatus) at different stages of life. Paul AK, et al. **Acta Physiol Hung** 1985;65(3):233–8

Functional anatomy of the peripheral olfactory system of the African lungfish Protopterus annectens owen: development of the primary olfactory pathway during postembryonic growth. Derivot JH. **Am J Anat** 1984 Sep; 171(1):15-23

Comparative acute sensitivities of early life stages of atherinid fishes to chlorpyrifos and thiobencarb. Borthwick PW, et al. **Arch Environ Contam Toxicol** 1985 Jul;14(4):465-73

Asynchronous expression of the alcohol and supernatant malate dehydrogenase loci during Barbus hybrid development (Cypriniformes, Teleostei). Frankel JS. **Comp Biochem Physiol [B]** 1985;81(3):635-9

Fish eye-lens reagents: a possible new class of reagents for molecular and cellular identification. Smith AC. **Comp Biochem Physiol [B]** 1985;80(4):719-23

Selectivity in mobilisation of stored fatty acids by maturing cod, Gadus morrhua L. Takama K, et al. **Comp Biochem Physiol [B]** 1985;80(4):713-8

Temporal characterization of growth of fathead minnow (Pimephales promelas) larvae during sublethal hydrogen cyanide exposure. Barron MG, et al. **Comp Biochem Physiol [C]** 1985;81(2):341-4

Bioaccumulation of cadmium: toxicity in Mugil cephalus. Hilmy AM, et al. **Comp Biochem Physiol [C]** 1985; 81(1):139-44

Influence of dark-rearing on the ontogenetic development of Sarotherodon mossambicus (Cichlidae, Teleostei): I. Effects on body weight, body growth pattern, swimming activity and visual acuity. Zeutzius I, et al. **Exp Biol** 1984; 43(2):77-85

Influence of dark-rearing on the ontogenetic development of Sarotherodon mossambicus (Cichlidae, Teleostei): II. Effects on allometrical growth relations and differentiation of the optic tectum. Zeutzius I, et al. **Exp Biol** 1984; 43(2):87-96

The in vitro metabolism of radioactive progesterone and testosterone by the gonads of the protandrous Rhabdosargus sarba at various sexual phases. Yeung WS, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):171-83

Growth of a fish ear: 1. Quantitative analysis of hair cell and ganglion cell proliferation. Popper AN, et al. **Hear Res** 1984 Aug;15(2):133-42

Postembryonic changes in the peripheral electrosensory system of a weakly electric fish: addition of receptor organs with age. Zakon HH. **J Comp Neurol** 1984 Oct 1; 228(4):557-70

Feeding time differentially affects fattening and growth of channel catfish. Noeske-Hallin TA, et al. **J Nutr** 1985 Sep; 115(9):1228-32

Growth of the visual system in the African cichlid fish, Haplochromis burtoni. Accommodation. Fernald RD, et al. **Vision Res** 1985;25(2):163-70

Growth of the visual system in the African cichlid fish, Haplochromis burtoni. Optics. Fernald RD, et al. **Vision Res** 1985;25(2):155-61

IMMUNOLOGY

Alcohol-induced suppression of the humoral immune response. Stolen JS, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):106-8

Immunoregulation of fish nonspecific cytotoxic cell activity by retinolacetate but not poly I:C. Evans DL, et al. **Comp Immunol Microbiol Infect Dis** 1984;7(2):91-100

Nonspecific cytotoxic cells in fish (Ictalurus punctatus). V. Metabolic requirements of lysis. Carlson RL, et al. **Dev Comp Immunol** 1985 Spring;9(2):271-80

Nonspecific cytotoxic cells in fish (Ictalurus punctatus). III. Biophysical and biochemical properties affecting cytolysis. Evans DL, et al. **Dev Comp Immunol** 1984 Summer; 8(3):599-610

Nonspecific cytotoxic cells in fish (Ictalurus punctatus). IV. Target cell binding and recycling capacity. Evans DL, et al. **Dev Comp Immunol** 1984 Fall;8(4):823-33

Non-specific cytotoxic activity of teleost leukocytes. Moody CE, et al. **Dev Comp Immunol** 1985 Winter;9(1):51-64

Chemiluminescence by peripheral blood phagocytes from channel catfish: function of opsonin and temperature. Scott AL, et al. **Dev Comp Immunol** 1985 Spring;9(2):241-50

Hydrocortisone suppresses the chemiluminescent response of striped bass phagocytes. Stave JW, et al. **Dev Comp Immunol** 1985 Winter;9(1):77-84

Two populations of immunoglobulin-forming cells in the skate, Raja kenojei: their distribution and characterization. Tomonaga S, et al. **Dev Comp Immunol** 1984 Fall; 8(4):803-12

Antibody diversity in fish. Isoelectrofocalisation study of individually-purified specific antibodies in three teleost fish species: tench, carp and goldfish. Wetzel MC, et al. **Dev Comp Immunol** 1985 Spring;9(2):261-70

Multiple forms of human pancreatic growth hormone releasing factor-like immunoreactivity in teleost brain and pituitary. Pan JX, et al. **Endocrinology** 1985 Apr; 116(4):1663-5

Antiprotozoan activity of nonspecific cytotoxic cells (NCC) from the channel catfish (Ictalurus punctatus). Graves SS, et al. **J Immunol** 1985 Jan;134(1):78-85

Phylogeny of lymphocyte heterogeneity: the cellular requirements for in vitro antibody responses of channel catfish leukocytes. Miller NW, et al. **J Immunol** 1985 May; 134(5):2884-8

Temperature-mediated processes in teleost immunity: differential effects of temperature on catfish in vitro antibody responses to thymus-dependent and thymus-independent antigens. Miller NW, et al. **J Immunol** 1984 Nov;133(5):2356-9

Phylogeny of lymphocyte heterogeneity: the cellular requirements for in vitro mitogenic responses of channel catfish leukocytes. Sizemore RC, et al. **J Immunol** 1984 Dec;133(6):2920-4

Elevated levels of dietary ascorbic acid increase immune responses in channel catfish. Li Y, et al. **J Nutr** 1985 Jan; 115(1):123-31

J-chain-like component in 18-S immunoglobulin of the skate Raja kenojei, a cartilaginous fish. Hagiwara K, et al. **Mol Immunol** 1985 Jul;22(7):775-8

Immunohistochemical localization of urotensin I/corticotropin-releasing factor immunoreactivity in neurosecretory neurons in the caudal spinal cord of fish. Onstott D, et al. **Neuroendocrinology** 1984 Dec;39(6):503-9

Overview of selected immunological components of the immune systems in food animals with consideration of immune modulation. Sigel MM. **Prog Clin Biol Res** 1984; 161:3-26 (60 ref.)

'Antibodies' in snails and fish roe. Prokop O. **Vox Sang** 1984; 47(5):392-4

METABOLISM

Effects of a herbicide on the peroxide metabolism enzymes and lipid peroxidation in carp fish (Hypophthalmichthys molitrix). Matkovics B, et al. **Acta Biol Hung** 1984; 35(1):91-6

Anglerfish pancreatic islets produce two forms of somatostatin-28. Spiess J, et al. **Adv Exp Med Biol** 1985; 188:141-54

Renal and extra-renal excretion of calcium in the marine teleost, Gadus morhua. Björnsson BT, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):R18-22

Dietary fat assimilation and bile salt absorption in the killifish intestine. Horkanen RE, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):G399-407

Electrolyte transport by alkaline gland of little skate Raja erinacea. Smith PL. **Am J Physiol** 1985 Mar;248(3 Pt 2):R346-52

Changes in gonadotrophin, lipid and cholesterol levels during annual reproductive cycle in the freshwater teleost, Cirrhinus mrigala (Ham.). Singh IJ, et al. **Ann Endocrinol (Paris)** 1984;45(2):131-6

Diurnal variations in prolactin secretion and serum Na+ and K+ concentrations in the freshwater catfish. Clarias batrachus. Singh SP, et al. **Ann Endocrinol (Paris)** 1984; 45(2):137-41

Parvalbumin conformers revealed by steady-state and time-resolved fluorescence spectroscopy. Permyakov EA, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):781-91

Short-term interactions between DDT and endrin accumulation and elimination in mosquitofish (Gambusia affinis). Denison MS, et al. **Arch Environ Contam Toxicol** 1985 May;14(3):315-20

National Contaminant Biomonitoring Program: concentrations of seven elements in freshwater fish, 1978-1981. Lowe TP, et al. **Arch Environ Contam Toxicol** 1985 May;14(3):363-88

Uptake and clearance rates for kepone in two marine fish species. Roberts MH Jr, et al. **Arch Environ Contam Toxicol** 1985 Jan;14(1):1-6

National Pesticide Monitoring Program: residues of organochlorine chemicals in freshwater fish, 1980-81. Schmitt CJ, et al. **Arch Environ Contam Toxicol** 1985 Mar; 14(2):225-60

Time trends of organochlorine chemical residues in seven sedentary marine fish species from a Norwegian fjord during the period 1972-1982. Skåre JU, et al. **Arch Environ Contam Toxicol** 1985 Jan;14(1):33-41

Tissue compensatory metabolic profiles in Tilapia mossambica (Peters) on acclimation to sublethal acidic and alkaline media. Gill glycogen metabolism. Bhaskar M, et al. **Arch Int Physiol Biochim** 1985 Jun;93(2):59-63

Binding of concanavalin A to secretory epidermis in the fish Blennius sanguinolentus pallas: light microscopic and ultrastructural studies. Zaccone G, et al. **Basic Appl Histochem** 1985;29(2):135-47

Metal-ion binding to parvalbumin. A 113Cd-n.m.r. study of the binding of different lanthanide ions. Drakenberg T, et al. **Biochem J** 1985 May 1;227(3):711-7

Preparation and characterization of subcellular fractions from the head kidney of the Northern pike (Esox lucius), with particular emphasis on xenobiotic-metabolizing enzymes. Balk L, et al. **Biochem Pharmacol** 1985 Mar 15; 34(6):789-802

Benzo[a]pyrene metabolism and DNA adduct formation mediated by English sole liver enzymes. Nishimoto M, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):263-8

Formation of microtubules at low temperature by tubulin from antarctic fish. Williams RC Jr, et al. **Biochemistry** 1985 May 21;24(11):2790-8

Purification of hepatic microsomal cytochromes P-450 from beta-naphthoflavone-treated Atlantic cod (Gadus morhua), a marine teleost fish. Goksøyr A. **Biochim Biophys Acta** 1985 Jul 5;840(3):409-17

Occurrence of N-acylethanolamine phospholipids in fish brain and spinal cord. Natarajan V, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):426-33

Localization by immunoelectron microscopy of somatostatin-containing cells in the gastric mucosa of a teleost fish, Perca fluviatilis. Noaillac-Depeyre J. **Biol Cell** 1985;53(3):263-7

Metabolism of cryptoxanthin in freshwater fish. Goswami UC. **Br J Nutr** 1984 Nov;52(3):575-81

Accumulation of lead in fish from Missouri streams impacted by lead mining. Czarnezki JM. **Bull Environ Contam Toxicol** 1985 May;34(5):736-45

Organochlorine insecticides and PCBs in water, sediment, and fish from the Mediterranean Sea. el-Dib MA, et al. **Bull Environ Contam Toxicol** 1985 Feb;34(2):216-27

Levels of selenium in relation to levels of mercury in fish from Mjøsa, a freshwater lake in southeastern Norway. Frøslie A, et al. **Bull Environ Contam Toxicol** 1985 Apr; 34(4):572-7

Evidence for polynuclear aromatic hydrocarbons in the diet of bottom-feeding fish. Maccubbin AE, et al. **Bull Environ Contam Toxicol** 1985 Jun;34(6):876-82

Relative importance of dietary and environmental sources of lindane in fish. Marcelle C, et al. **Bull Environ Contam Toxicol** 1984 Oct;33(4):423-9

Partition coefficients as a measure of bioconcentration potential of crude oil compounds in fish and shellfish. Ogata M, et al. **Bull Environ Contam Toxicol** 1984 Nov; 33(5):561-7

Pesticides and polychlorinated biphenyls in fish from the Lahn river. Schüler W, et al. **Bull Environ Contam Toxicol** 1985 Apr;34(4):608-16

Effect of calcium on cadmium uptake and toxicity in larvae and juveniles of striped bass (Morone saxatilis). Wright DA, et al. **Bull Environ Contam Toxicol** 1985 Feb;34(2):196-204

Effects of chlordane on the blood and tissue chemistry of a teleost fish, Heteropneustes fossilis. Mishra J, et al. **Cell Mol Biol** 1984;30(6):519-23

Histochemical and biochemical study of the caudal muscles of two teleost fishes--Heteropneustes fossilis and Channa punctata. Shashi K, et al. **Cell Mol Biol** 1984;30(4):357-63

Interrelationships between somatostatin-like cells and other endocrine cells in the pancreas of some cartilaginous fish. Tagliafierro G, et al. **Cell Mol Biol** 1985;31(3):201-7

The electric organ of Discopyge tschudii: its innervated face and the biology of acetylcholinesterase. Méndez B, et al. **Cell Mol Neurobiol** 1984 Jun;4(2):125-42

Retinal neuropeptides in the skates, Raja clavata, R. radiata, R. oscellata (Elasmobranchii). Bruun A, et al. **Cell Tissue Res** 1985;241(1):17-24

Immunocytochemical localization of serotonin in the brain and pituitary gland of the platyfish, Xiphophorus maculatus. Margolis-Kazan H, et al. **Cell Tissue Res** 1985; 240(2):311-4

In vivo accumulation and effects of mercuric chloride on tissue phosphatases of Notopterus notopterus. Verma SR, et al. **Clin Physiol Biochem** 1985;3(4):199-203

Myoglobin in the heart tissue of fishes lacking hemoglobin. Douglas EL, et al. **Comp Biochem Physiol [A]** 1985; 81(4):885-8

Uptake and distribution of radioiodine, and the effect of ambient nitrate, in some fish species. Lahti E, et al. **Comp Biochem Physiol [A]** 1985;80(3):337-42

Effects of insulin on glycogen metabolism in isolated and perfused catfish liver. Ottolenghi C, et al. **Comp Biochem Physiol [A]** 1985;80(1):135-8

Effect of insulin on glycogen metabolism in isolated catfish hepatocytes. Ottolenghi C, et al. **Comp Biochem Physiol [A]** 1984;78(4):705-10

A study of triiodothyronine-catecholamine interactions: their effect on plasma fatty acids in Pacific hagfish Eptatretus stouti. Plisetskaya E, et al. **Comp Biochem Physiol [A]** 1984; 78(4):767-72

Changes in the fatty acid composition of phospholipids from turbot (Scophthalmus maximus) in relation to dietary polyunsaturated fatty acid deficiencies. Bell MV, et al. **Comp Biochem Physiol [B]** 1985;81(1):193-8

Metabolism in marine flatfish. II. Protein digestion in Dover sole (Solea solea L.). Clark J, et al. **Comp Biochem Physiol [B]** 1985;81(1):217-22

Metabolism in marine flatfish--III. Measurement of elastase activity in the digestive tract of Dover sole (Solea solea L.). Clark J, et al. **Comp Biochem Physiol [B]** 1985; 81(3):695-700

Properties and function of malate enzyme from Dicentrarchus labrax L. liver. Iniesta MG, et al. **Comp Biochem Physiol [B]** 1985;80(1):35-9

Fatty acids in the roe lipids of common food fishes. Kaitaranta JK, et al. **Comp Biochem Physiol [B]** 1984; 79(3):331-4

Comparison of muscle proteinase activity among fish species. Makinodan Y, et al. **Comp Biochem Physiol [B]** 1984; 79(2):129-34

TMAO-ase activity in tissues of fish species from the Northeast Atlantic. Rehbein H, et al. **Comp Biochem Physiol [B]** 1984;79(3):447-52

Biochemical studies on the lipid content of Tilapia nilotica and Sparus auratus. el-Sayed MM, et al. **Comp Biochem Physiol [B]** 1984;79(4):589-94

Characterization of gill (Na+ + K+)-ATPase in the sea bass (Dicentrarchus labrax L.). Trigari G, et al. **Comp Biochem Physiol [B]** 1985;80(1):23-33

Kinetics of individual polychlorinated biphenyl (PCB) components in juvenile sole (Solea solea) in relation to their concentrations in food and to lipid metabolism. Boon JP, et al. **Comp Biochem Physiol [C]** 1984;79(1):131-42

Comparative levels of arachidonic acid and eicosapentaenoic acid in Malaysian fish. Gibson RA, et al.

Comp Biochem Physiol [C] 1984;78(2):325-8

Effects of cadmium toxicity upon the in vivo and in vitro activity of proteins and five enzymes in blood serum and tissue homogenates of Mugil cephalus. Hilmy AM, et al. **Comp Biochem Physiol [C]** 1985;81(1):145-53

The effects of temperature on the cytochrome P-450 system of thermally acclimated bluegill. Karr SW, et al. **Comp Biochem Physiol [C]** 1985;80(1):135-9

Concurrent releases of norepinephrine and purines by potassium from adrenergic melanosome-aggregating nerve in tilapia. Kumazawa T, et al. **Comp Biochem Physiol [C]** 1984;78(2):263-6

The presence of arsenobetaine in marine animals. Maher WA. **Comp Biochem Physiol [C]** 1985;80(1):199-201

Selectivity of mixed-function oxygenase enzyme induction in flounder (Pseudopleuronectes americanus) collected at the site of the Baie Verte, Newfoundland oil spill. Payne JF, et al. **Comp Biochem Physiol [C]** 1984;79(1):15-9

Position-specific induction of benzo(a)pyrene metabolism by 3-methylcholanthrene and phenobarbital in mullet (Mugil cephalus), a marine fish. Schoor WP, et al. **Comp Biochem Physiol [C]** 1984;78(2):391-6

Mixed-function oxidase studies in the redfish, Sciaenops ocellata, from Galveston Bay, Texas. Stahl CH, et al. **Comp Biochem Physiol [C]** 1984;79(1):177-82

Characterization of benzo[a]pyrene metabolites formed by 3-methylcholanthrene-induced goldfish, black bullhead and brown bullhead. Swain L, et al. **Comp Biochem Physiol [C]** 1984;79(1):151-8

Accumulation of intra-arterially administered [3H]adrenaline and [3H]noradrenaline in various tissues of the Atlantic cod, Gadus morhua. Ungell AL. **Comp Biochem Physiol [C]** 1985;81(1):25-8

Oxygen consumption in fathead minnows (Pimephales promelas) following acute exposure to water-borne selenium. Watenpaugh DE, et al. **Comp Biochem Physiol [C]** 1985;80(2):253-6

The influence of hormones and inflammatory agents on C-reactive protein, cortisol and alanine aminotransferase in the plaice (Pleuronectes platessa L.). White A, et al. **Comp Biochem Physiol [C]** 1985;80(1):99-104

The metabolism and excretion of 14C-styrene oxide-glutathione adducts administered to the winter flounder, Pseudopleuronectes americanus, a marine teleost. Identification of the corresponding S-cysteine derivatives as major urinary metabolites. Yagen B, et al. **Drug Metab Dispos** 1984 Jul-Aug;12(4):389-95

Factors influencing the persistence and metabolism of chemicals in fish. Binder RL, et al. **Drug Metab Rev** 1984; 15(4):697-724 (121 ref.)

Mechanism controlling the renal excretion of xenobiotics in fish: effects of chemical structure. Pritchard JB, et al. **Drug Metab Rev** 1984;15(4):655-71 (35 ref.)

Methyl parathion (O-O-dimethyl O-4-nitrophenyl thiophosphate) effects on whole-body and tissue respiration in the teleost, Tilapia mossambica (Peters). Prasada Roa KS, et al. **Ecotoxicol Environ Safety** 1985 Jun;9(3):339-45

Combined action of carbaryl and phenthoate on tissue lipid derivatives of murrel, Channa punctatus (Bloch). Rao KS, et al. **Ecotoxicol Environ Safety** 1985 Feb;9(1):107-11

Metabolic changes induced by organophosphates in the piscine organs. Awasthi M, et al. **Environ Res** 1984 Oct; 35(1):320-5

Disruption of circadian rhythm of tissue respiration in Channa striatus by Metasystox. Natarajan GM. **Experientia** 1985 May 15;41(5):612-4

Acclimatory changes in protein and nucleic acid contents of liver, muscle, and ovary of Singi fish (Heteropneustes fossilis Bloch) of two phases of reproductive cycle at different temperatures. Dasmahapatra AK, et al. **Gegenbaurs Morphol Jahrb** 1984;130(4):593-602

Bioassay of fish gonadotrophin by ovarian mitochondrial cholesterol depletion. Deb S, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):491-7

Prolactin receptors in tilapia (Sarotherodon mossambicus) tissues: binding studies using 125I-labeled ovine prolactin. Edery M, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):19-23

Localization of prolactin uptake by the kidney of the teleostean, Colisa lalia. Gona O. **Gen Comp Endocrinol** 1984 Aug;55(2):289-94

In vitro bioconversion of [14C]androstenedione by testes of the Siamese fighting fish Betta splendens Regan (Anabantoidei, Belontiidae). Leitz T, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):471-7

The effect of temperature on testicular steroid production in the rainbow trout, Salmo gairdneri, in vivo and in vitro. Manning NJ, et al. **Gen Comp Endocrinol** 1985 Mar; 57(3):377-82

Distribution of cell types and aromatase activity in the sculpin (Myoxocephalus) pituitary. Olivereau M, et al. **Gen Comp Endocrinol** 1985 May;58(2):280-90

Gonadotropin-releasing hormone (Gn-RH) in striped mullet (Mugil cephalus), milkfish (Chanos chanos), and rainbow trout (Salmo gairdneri): comparison with salmon Gn-RH. Sherwood NM, et al. **Gen Comp Endocrinol** 1984 Aug; 55(2):174-81

Kinetic studies on the enzymes involved in estrogen biosynthesis and evidence for existence of a single 5-Ene-3beta-hydroxysteroid dehydrogenase complex in the ovary of the freshwater catfish, Clarias batrachus. Singh S, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):458-63

Immunoelectron microscopic localization of growth hormone in the pituitary glands of two teleosts, tilapia (Sarotherodon mossambicus) and amago salmon (Oncorhynchus rhodurus). Ueda H, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):149-54

Environmental control of prolactin synthesis in the teleost fish Oreochromis (formerly Sarotherodon) mossambicus. Wendelaar Bonga SE, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):352-9

Calcium in myocardial tissue and isolated mitochondria from a teleost. Leknes IL, et al. **Histochemistry** 1984;81(2):149-51

Patterns of enzyme activities in the gills of the catfish Heteropneustes fossilis (Bloch) exposed to the anionactive detergent Na-alkyl-benzenesulphonate (LAS). Zaccone G, et al. **Histochemistry** 1985;82(4):341-3

Primary structure, biochemical and physiological aspects of hemoglobin from South American lungfish (Lepidosiren paradoxus, Dipnoi). Rodewald K, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jun;365(6):639-49

Purification and properties of glycogen phosphorylase from the estuarine fish, Etroplus suratensis. Cherian S, et al. **Indian J Biochem Biophys** 1984 Jun;21(3):181-5

Organochlorine pesticides and polychlorinated biphenyls in sediment and fish from Wetlands in the north central United States. Martin DB, et al. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):712-7

Gas chromatographic determination of picloram in fish. Rieger AW, et al. **J Assoc Off Anal Chem** 1985 Jan-Feb; 68(1):59-61

A multilocus system for studying tissue and subcellular specialization. The three NADP-dependent isocitrate dehydrogenase isozymes of the fish Fundulus heteroclitus. Gonzalez-Villaseñor LI, et al. **J Biol Chem** 1985 Aug 5; 260(16):9106-13

Cytosolic free calcium-ion concentration in cleaving embryonic cells of Oryzias latipes measured with calcium-selective microelectrodes. Schantz AR. **J Cell Biol** 1985 Mar;100(3):947-54

Studies of fish zona pellucida by high-performance ion-exchange chromatography on agarose columns and free zone electrophoresis. Hjertén S, et al. **J Chromatogr** 1985 Jun 14;341(2):295-304

Benzo(a)pyrene metabolism in hepatic microsomes from feral and 3-methycholanthrene-treated southern flounder, Paralichthys lethostigma. Little PJ, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):309-20

Catalase, glutathione peroxidase, and superoxide dismutase in the rete mirabile and gas gland epithelium of six species of marine fishes. Morris SM, et al. **J Exp Zool** 1984 Oct; 232(1):29-39

Bile salts of the coelacanth, Latimeria chalumnae. Kihira K, et al. **J Lipid Res** 1984 Dec 1;25(12):1330-6

Study of the mechanism of release of [3H]GABA from a teleost retina in vitro. Jaffé EH, et al. **J Neurochem** 1984 Nov;43(5):1226-35

Purification and characterization of a fish lectin from the external mucus of ophidiidae, Genypterus blacodes. Oda Y, et al. **J Pharmacobiodyn** 1984 Sep;7(9):614-23

Fatty acid composition of phospholipids and neutral lipids during embryonic and early larval development in Atlantic herring (Clupea harengus, L.). Tocher DR, et al. **Lipids** 1985 Feb;20(2):69-74

Lipid class composition during embryonic and early larval development in Atlantic herring (Clupea harengus, L.). Tocher DR, et al. **Lipids** 1985 Feb;20(2):84-9

Effects of gonadal steroids on catecholamine levels in the brain of the oyster toadfish. Pennypacker KR, et al. **Neurosci Lett** 1985 Apr 9;55(2):203-6

Membrane-bound choline acetyltransferase in Torpedo electric organ: a marker for synaptosomal plasma membranes? Eder-Colli L, et al. **Neuroscience** 1985 Jun; 15(2):577-89

Light-induced potassium fluxes in the skate retina. Kline RP, et al. **Neuroscience** 1985 Jan;14(1):225-35

Diffusion of chloride ions in the mucus on the oesophagus of Enophrys bison, a marine teleost fish. Shepard KL. **Pflugers Arch** 1984 Oct;402(2):207-10

Immunoreactive tyrosine hydroxylase in the brain and pituitary gland of the platyfish. Halpern-Sebold LR, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):486-9

A study of tissue acetylcholinesterase in fishes. Gant DB, et al. **Proc West Pharmacol Soc** 1984;27:213-6

Mercury in the open Mediterranean: evidence of contamination? Aston SR, et al. **Sci Total Environ** 1985 May;43(1-2):13-26 (41 ref.)

Mercury distribution in a polluted marine area. Concentrations of methyl mercury in sediments and some marine organisms. Mikac N, et al. **Sci Total Environ** 1985 May;43(1-2):27-39

Extraction of a synthetic androgen from fish muscle and quantitation by high performance liquid chromatography. Goudie CA. **Steroids** 1984 Sep;44(3):241-52

Effects of metals and organic compounds on hepatic glutathione, cysteine, and acid-soluble thiol levels in mullet (Mugil cephalus L.). Thomas P, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):172-82

Determination of metabolites of xenobiotics in the bile of fish from polluted waterways. Krahn MM, et al. **Xenobiotica** 1984 Aug;14(8):633-46

Organochlorine pesticides and polychlorinated biphenyls in sprats from the southern Baltic, 1981. Falandysz J. **Z Lebensm Unters Forsch** 1984 Jun;178(6):461-4

Organochlorine pesticides and polychlorinated biphenyls in livers of cod from the southern Baltic, 1981. Falandysz J. **Z Lebensm Unters Forsch** 1984 Oct;179(4):311-4

[Metal concentrations in fishes of the Rednitz River] Weber O. **Z Lebensm Unters Forsch** 1985 Jun;180(6):463-6 (Eng. Abstr.) **(Ger)**

[Morphohistochemical analysis of secretory elements of the olfactory epithelium of marine fish] Doroshenko MA, et al. **Arkh Anat Gistol Embriol** 1984 Jul;87(7):71-8 (Eng. Abstr.) **(Rus)**

[Secretion of organic acids and bases by the kidneys of marine teleosts] Lavrova EA, et al. **Arkh Anat Gistol Embriol** 1985 Jan;88(1):89-94 (Eng. Abstr.) **(Rus)**

[Phospholipids and cholesterol in oocytes and embryos of the loach (Misgurnus fossilis)] Golda EA, et al. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):668-71 (Eng. Abstr.) **(Rus)**

[Oxidative stability of the lipids in whitefish] Ushkalova VN, et al. **Vopr Pitan** 1985 Jan-Feb;(1):57-61 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Antimicrobial susceptibility patterns and R plasmid-mediated resistance of the fish pathogen Yersinia ruckeri. De Grandis SA, et al. **Antimicrob Agents Chemother** 1985 Jun; 27(6):938-42

Fish flesh agar medium—a suitable experimental medium for the detection of spoilage bacteria. Chandrasekaran M, et al. **Antonie Van Leeuwenhoek** 1985;51(2):219-25

Autolysis of psychrophilic bacteria from marine fish. Makarios-Laham I, et al. **Appl Environ Microbiol** 1985 Apr; 49(4):997-8

Isolation of enterotoxigenic, hemolytic, and antibiotic-resistant Aeromonas hydrophila strains from infected fish in Bangladesh. Rahim Z, et al. **Appl Environ Microbiol** 1984 Oct;48(4):865-7

Seasonal distribution of Vibrio parahaemolyticus in freshwater environs and in association with freshwater fishes in Calcutta. Sarkar BL, et al. **Appl Environ Microbiol** 1985 Jan;49(1):132-6

Bovine serum eliminates rapid nonspecific toxic reactions during bioassay of stored fish for Clostridium botulinum toxin. Solberg M, et al. **Appl Environ Microbiol** 1985 Mar; 49(3):644-9

Osmotic control of luminescence and growth in Photobacterium leiognathi from ponyfish light organs. Dunlap PV. **Arch Microbiol** 1985 Feb;141(1):44-50

Occurrence of Vibrio parahaemolyticus in Tanzanian coastal waters and fish. Ijumba PK. **East Afr Med J** 1984 Sep; 61(9):675-80

Isolation of a motile mycoplasma from fish. Kirchhoff H, et al. **J Gen Microbiol** 1984 Sep;130 (Pt 9):2439-45

Methylation pattern of fish lymphocystis disease virus DNA. Wagner H, et al. **J Virol** 1985 Mar;53(3):1005-7

Growth of brown bullhead (BB) and other fish cell lines on microcarriers and the production of channel catfish virus (CCV). Buck CD, et al. **J Virol Methods** 1985 Feb; 10(2):171-84

Infectious pancreatic necrosis virus: isolation from asymptomatic wild Arctic char (Salvelinus alpinus L.). Souter BW, et al. **J Wildl Dis** 1984 Oct;20(4):338-9

[The significance of ichthyofauna in the sanitation of still water] Borniger R. **Schriftenr Ver Wasser Boden Lufthyg** 1984;57:127-34 **(Ger)**

[Aerobic microflora of freshly caught and frozen food fish] Pivovarov IuP, et al. **Gig Sanit** 1985 Jun;(6):80-1 **(Rus)**

[Microbiological quality of frozen Pleuronectiformes fish] Marín Villarejo MC, et al. **Rev Sanid Hig Publica (Madr)** 1983 Sep-Oct; 57(9-10):933-41 (Eng. Abstr.) **(Spa)**

PARASITOLOGY

In vitro cultivation of Trypanoplasma strains isolated from pike and leech (preliminary report). Hajdú E, et al. **Acta Vet Hung** 1984;32(1-2):79-81

Occurrence of new monogeneans of Far-East origin on the gills of fishes in Hungary. Molnár K. **Acta Vet Hung** 1984; 32(3-4):153-7

First record of Aspiculuris tetraptera (Nitzsch, 1821) (Nematoda : Oxyuroidea) and Dollfusentis chandleri (Golvan, 1969) (Acanthocephala : Illiosentidae) in Haemulon sciurus (Shaw 1803) (Pisces : Pomadasyidae). Kohn A, et al. **Ann Parasitol Hum Comp** 1984;59(5):477-82

Cestode fauna of hill-stream fishes in Garhwal Himalayas, India. II. Bothriocephalus teleostei n. sp. from Barilius bola and Schizothorax richardsonii. Malhotra SK. **Bol Chil Parasitol** 1984 Jan-Jun;39(1-2):6-9

Trematodes of fishes from the Red Sea two new hemiurid species including a new genus. Abdel TM, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):609-14

Two trematodes of genus Pedunculacetabulum Yamaguti, 1934 from Red Sea fishes. Saoud MF, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):321-8

Pennella filosa and Pennella instructa (Copepoda: Pennellidae) on swordfish (Xiphias gladius L.) from the northwest Atlantic Ocean. Hogans WE, et al. **J Parasitol** 1985 Feb;71(1):111-2

Rhinebothrium biorchidum n. sp., a tetraphyllidean cestode from a yellow-spotted stingray, Urolophus jamaicensis, in Jamaica. Huber PM, et al. **J Parasitol** 1985 Feb;71(1):1-3

The shell cracker, Lepomis microlophus (Gunther), a new host for Argulus maculosus (Wilson). Knuckles JL. **J Parasitol** 1984 Jun;70(3):371

Trypanosoma danilewskyi: host specificity and host's effect on morphometrics. Woo PT, et al. **J Parasitol** 1984 Oct; 70(5):788–93

Leeches on freshwater farmed fishes in Iraq. Khalifa KA. **J Wildl Dis** 1985 Jul;21(3):312–3

Centrarchid fish as paratenic hosts of the giant kidney worm, Dioctophyma renale (Goeze, 1782), in Ontario, Canada. Measures LN, et al. **J Wildl Dis** 1985 Jan;21(1):11–9

Hold the sushi [letter] Goldmann DR. **JAMA** 1985 May 3; 253(17):2495–6

Chilodonella hexasticha (Kiernik, 1909) found from the gills of a discus, Symphysodon discus Heckel, 1940. Imai S, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):305–8

Parasites of South African freshwater fish. II. Redescription of the African species of the genus Phyllodistomum Braun, 1899 (Trematoda: Gorgoderinae) and the description of a new species. Boomker J. **Onderstepoort J Vet Res** 1984 Jun;51(2):129–39

Coccidiofauna of cultured and feral fishes in fish farms. Jastrzebski M. **Wiad Parazytol** 1984;30(2):141–63

Caligus sicarius N. Sp. (Copepoda: Siphonostomatoida), a parasite of Crenimugil crenilabris (Forskal, 1775) (Pisces: Teleostei) in the Gulf of Aqaba. Kabata Z. **Wiad Parazytol** 1984;30(2):133–9

Studies on the attachment response of Isthmiophora melis cercariae (Trematoda: Echinostomatidae). Motzel W, et al. **Z Parasitenkd** 1985;71(4):519–26

[New species of fish coccidia in Poland] Jastrzebski M. **Wiad Parazytol** 1984;30(2):165–70 (Eng. Abstr.) (Pol)

[Polymorphism of Trypanosoma Gruby, 1841 found in the blood of carp (Carassius auratus Gibelio (Bloch), perch (Perca fluviatilis L.) and stone perch (Acerina cernua (L.))] Jastrzebski M. **Wiad Parazytol** 1984;30(2):171–81 (Eng. Abstr.) (Pol)

[Current views on the taxonomy of Monogenea] Prost M. **Wiad Parazytol** 1984;30(2):121–32 (Eng. Abstr.) (Pol)

[Superficial injuries in fish caused by parasitic Isopoda or various predatory fishes] Rokicki J, et al. **Wiad Parazytol** 1984;30(2):229–40 (Eng. Abstr.) (Pol)

[Additional hosts of tapeworms and factors in the transmission of diphyllobothriasis in the Lower Priamur region] Muratov IV. **Med Parazitol (Mosk)** 1985 Mar–Apr; (2):24–8 (Eng. Abstr.) (Rus)

[Development of the trypanosomes (Trypanosoma) and cryptobians (Cryptobia) of carp and tench in the leech Piscicola geometra] Khaibulaev KKh, et al. **Parazitologiia** 1985 Jan–Feb;19(1):75–7 (Eng. Abstr.) (Rus)

[Cytological paradoxes in the developmental cycle of the coelenterate Polypodium hydriforme––an intracellular parasite from the oocytes of acipenserid fishes] Raikova EV. **Tsitologiia** 1985 Apr;27(4):391–401 (Eng. Abstr.) (Rus)

PHYSIOLOGY

Somatostatins of the channel catfish. Dixon JE, et al. **Adv Exp Med Biol** 1985;188:19–29

Post–translational processing of anglerfish islet somatostatin precursors. Noe BD, et al. **Adv Exp Med Biol** 1985; 188:123–40

Effect of 5–HT on basal and stimulated secretions of acid and pepsin and on gastric volume outflow in the in vivo gastrically and intestinally perfused cod, Gadus morhua. Holstein B, et al. **Agents Actions** 1984 Oct;15(3–4):291–305

Ion transport in goby intestine: cellular mechanism of urotensin II stimulation. Loretz CA, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G284–93

Correlative changes in the Leydig's cells and male secondary sexual characters (SSC) in a freshwater fish Mystus (M) vittatus. Misra M, et al. **Ann Endocrinol (Paris)** 1984; 45(2):125–30

Annual rhythms. Farner DS. **Annu Rev Physiol** 1985;47:65–82 (137 ref.)

Salinity adaptation in fish: effect of thyroxine on mitochondrial status. Shivakumar K, et al. **Arch Biochem Biophys** 1984 Sep;233(2):728–35

Mathematical analysis of the stimulus for the lateral line organ. Hassan ES. **Biol Cybern** 1985;52(1):23–36

Interaction of respiration with coughing, feeding, vision and oculomotor control in fish. Ballintijn CM, et al. **Brain Behav Evol** 1984;25(2–3):99–108

Time course of miniature postsynaptic potentials at the Mauthner fiber giant synapse of the hatchetfish. Day JW, et al. **Brain Res** 1985 Jan 28;325(1–2):115–28

Ontogenetic development of serotoninergic neurons in the brain of a teleost, the three–spined stickleback. An immunohistochemical analysis. Ekström P, et al. **Brain Res** 1985 Jan;349(1–2):209–24

Postsynaptic currents at the Mauthner fiber giant synapse of the hatchetfish. Huse WD, et al. **Brain Res** 1985 Jan 28;325(1–2):129–41

Segregation of electroreceptive and mechanoreceptive lateral line afferents in the hindbrain of chondrostean fishes. New JG, et al. **Brain Res** 1985 Jun 10;336(1):89–98

Effectiveness of hydrotreatment in reducing the toxicity of a coal liquefaction product to juvenile channel catfish. Cada GF, et al. **Bull Environ Contam Toxicol** 1985 May; 34(5):746–53

Effect of pH on pentachlorophenol toxicity to embryos and larvae of zebrafish (Brachydanio rerio). Dave G. **Bull Environ Contam Toxicol** 1984 Nov;33(5):621–30

Mortality of early life stages of largemouth bass, Micropterus salmoides due to pentachlorophenol exposure. Johansen PH, et al. **Bull Environ Contam Toxicol** 1985 Mar; 34(3):377–84

Low concentration effects of endosulfan insecticide on reproductive behaviour in the tropical cichlid fish Sarotherodon mossambicus. Matthiessen P, et al. **Bull Environ Contam Toxicol** 1984 Nov;33(5):575–83

Triclopyr triethylamine salt toxicity to life stages of the fathead minnow (Pimephales promelas Rafinesque). Mayes MA, et al. **Bull Environ Contam Toxicol** 1984 Sep; 33(3):339–47

Quantitative study of testicular recrudescence in the fresh water teleost, Channa punctatus (Bl.) exposed to pesticides. Saxena PK, et al. **Bull Environ Contam Toxicol** 1985 Apr; 34(4):597–607

Acute toxicity of hydrazine hydrate to the fathead minnow (Pimephales promelas) and daphnid (Daphnia pulex). Velte JS. **Bull Environ Contam Toxicol** 1984 Nov;33(5):598–604

Swimming performance of channel catfish (Ictalurus punctatus) after nitrite exposure. Watenpaugh DE, et al. **Bull Environ Contam Toxicol** 1985 May;34(5):754–60

Nitrite exposure and respiration rates in fathead minnows. Watenpaugh DE, et al. **Bull Environ Contam Toxicol** 1985 Jul;35(1):106–11

Toxicity of adjuvants to bluegill. Watkins CE 2d, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):138–42

Avoidance of suspended sediments by smelt as determined by a new 'single fish' behavioral bioassay. Wildish DJ, et al. **Bull Environ Contam Toxicol** 1985 May;34(5):770–4

Preliminary evaluation of the use of macrophage aggregates (MA) as fish health monitors. Wolke RE, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):222–7

Ageing of the collagenous layer in Bruch's membrane of the teleost Poecilia reticulata. Ennis S, et al. **Cell Biol Int Rep** 1984 Nov;8(11):902

FMRF–amide–like immunoreactivity in brain and pituitary of the hagfish Eptatretus burgeri (Cyclostomata). Jirikowski G, et al. **Cell Tissue Res** 1984;237(2):363–6

Somatostatin in the brain and the pituitary of some teleosts. Immunocytochemical identification and the effect of starvation. Olivereau M, et al. **Cell Tissue Res** 1984; 238(2):289–96

Immunohistochemical localization of cyclic AMP and ultrastructural demonstration of adenylate cyclase activity in the testis of Esox lucius at time of spermiation. Pascolini R, et al. **Cell Tissue Res** 1985;239(2):443–5

The ultrastructural and biosynthetic characteristics of steroidogenic cells in the gonad of Monopterus albus (Teleostei) during natural sex reversal. Yeung WS, et al. **Cell Tissue Res** 1985;239(2):383–94

Eye movements evoked from telencephalic stimulations in the piranha (Serrasalmus nattereri). Fiebig E, et al. **Comp Biochem Physiol [A]** 1985;81(1):67–70

Effects of acute heat exposure on respiratory metabolism and blood glucose in freshwater fishes, Prochilodus scrofa (curimbatá) and Cyprinus carpio (carp) acclimatized to tropical winter. Fontes Zuim SM, et al. **Comp Biochem Physiol [A]** 1985;80(3):287–9

Swimming movements initiate bubble formation in fish decompressed from elevated gas pressures. McDonough PM, et al. **Comp Biochem Physiol [A]** 1985;81(1):209–12

Features of osmotic and ionic regulations in Russian sturgeon (Acipenser güldenstädti Brandt). Natochin YV, et al. **Comp Biochem Physiol [A]** 1985;80(3):297–302

Evidence of a respiratory role for the hypoxic bradycardia in the dogfish Scyliorhinus canicula L. Taylor EW, et al. **Comp Biochem Physiol [A]** 1985;80(1):99–102

Copper–stimulated respiration in the unfertilized egg of the Eurasian perch, Perca fluviatilis (L). Akberali HB, et al. **Comp Biochem Physiol [C]** 1984;78(2):349–52

Temperature compensation in the hepatic mixed–function oxidase system of bluegill. Ankley GT, et al. **Comp Biochem Physiol [C]** 1985;81(1):125–9

Isolation of substances with vascular permeability–increasing activity from the skin of the plaice (Pleuronectes platessa L.). Ashraf AJ, et al. **Comp Biochem Physiol [C]** 1985; 81(1):53–6

The role of digestion in the black sea bass, Centropristis striata, on the chemical speciation of organically bound cadmium. Fair PH, et al. **Comp Biochem Physiol [C]** 1984; 79(2):265–70

Selenium prevents mercuric chloride induced acute osmoregulatory failure without glutathione peroxidase involvement in the black bullhead (Ictalurus melas). Heisinger JF, et al. **Comp Biochem Physiol [C]** 1985; 80(2):295–7

Receptor mechanisms in fish chromatophores––VII. Muscarinic cholinoceptors and alpha adrenoceptors, both mediating pigment aggregation, strangely coexist in Corydoras melanophores. Kasukawa H, et al. **Comp Biochem Physiol [C]** 1985;80(2):211–5

D– and L–isoprenaline have different effects on adrenoceptors in the systemic vasculature of the cod, Gadus morhua. Nilsson S, et al. **Comp Biochem Physiol [C]** 1985;80(1):105–7

Physiological evidence for peripheral ganglionic synapses in adrenergic pathways to the swimbladder of the Atlantic cod, Gadus morhua. Wahlqvist I. **Comp Biochem Physiol [C]** 1985;80(2):269–72

Major protein changes during vitellogenesis and maturation of Fundulus oocytes. Wallace RA, et al. **Dev Biol** 1985 Aug;110(2):492–8

The effects of some divalent metals on cardiac and branchial Ca2+–ATPase in a freshwater fish Saccobranchus fossilis. Bansal SK, et al. **Ecotoxicol Environ Safety** 1985 Jun; 9(3):373–7

Effects of cadmium–enriched sediment on fish and amphibian embryo–larval stages. Francis PC, et al. **Ecotoxicol Environ Safety** 1984 Aug;8(4):378–87

A new early life–stage toxicity test using the California grunion (Leuresthes tenuis) and results with chlorpyrifos. Goodman LR, et al. **Ecotoxicol Environ Safety** 1985 Aug; 10(1):12–21

Joint toxicity of mixtures of groups of organic aquatic pollutants to the guppy (Poecilia reticulata). Hermens J, et al. **Ecotoxicol Environ Safety** 1985 Jun;9(3):321–6

Quantitative structure–activity relationships and mixture toxicity studies of chloro– and alkylanilines at an acute lethal toxicity level to the guppy (Poecilia reticulata). Hermens J, et al. **Ecotoxicol Environ Safety** 1984 Aug; 8(4):388–94

Quantitative comparisons of acute toxicity of organic chemicals to rat and fish. Janardan SK, et al. **Ecotoxicol Environ Safety** 1984 Dec;8(6):531–9

An example of interaction between environmental pollutants: modification of thiram toxicity to freshwater organisms by nitrites or nitrates in relation to nitrosamine synthesis. Jouany JM, et al. **Ecotoxicol Environ Safety** 1985 Jun; 9(3):327–38

Short–term test for predicting the potential of xenobiotics to impair reproductive success in fish. Landner L, et al. **Ecotoxicol Environ Safety** 1985 Jun;9(3):282–93

Fish physiology and metal pollution: results and experiences from laboratory and field studies. Larsson A, et al. **Ecotoxicol Environ Safety** 1985 Jun;9(3):250–81

Effect of safe concentrations of some pesticides on ovarian recrudescence in the freshwater murrel, Channa punctatus (Bl.): a quantitative study. Mani K, et al. **Ecotoxicol Environ Safety** 1985 Jun;9(3):241–9

Sewage effluent biomonitoring. II. Biochemical indicators of ammonia exposure in channel catfish. Mitz SV, et al. **Ecotoxicol Environ Safety** 1985 Aug;10(1):40–52

Sewage effluent biomonitoring. I. Survival, growth, and histopathological effects in channel catfish. Mitz SV, et al. **Ecotoxicol Environ Safety** 1985 Aug;10(1):22–39

Yellow intraocular filters in fishes. Heinermann PH. **Exp Biol** 1984;43(2):127–47 (43 ref.)

Electrophysiological evidence for tectal efferents to the neurons projecting to the retina in a teleost fish. Uchiyama H, et al. **Exp Brain Res** 1985;57(2):408–10

Electron diffraction of the metallic elements in the pineal organ of a freshwater fish, Mystus vittatus (Bloch.). Srivastava DK, et al. **Experientia** 1985 May 15;41(5):603–5

Functional specificity of gonadotropin and thyrotropin in Fundulus heteroclitus. Brown CL, et al. **Gen Comp Endocrinol** 1985 May;58(2):252–8

Photoperiod–dependent negative feedback effects of thyroid hormones in Fundulus heteroclitus. Brown CL, et al. **Gen Comp Endocrinol** 1985 May;58(2):186–91

Corticotrophin–like bioactivity in the pituitary gland and brain of the pacific hagfish, Eptatretus stouti. Buckingham JC, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):434–7

Gonadotrophin–induced oocyte maturation in the catfish, Heteropneustes fossilis (Bloch), requires steroidogenesis in both interrenal and ovary. Goswami SV, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):53–63

Hormonal changes during induced ovulation of the carp, Cyprinus carpio. Kime DE, et al. **Gen Comp Endocrinol** 1985 Apr;58(1):137–49

Effect of carp gonadotropin (cGTH) and a fraction unabsorbed on concanavalin A–Sepharose obtained from cGTH on vitellogenesis in the hypophysectomized marine teleost Gobius niger. Le Menn F, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):23–36

In vitro studies on steroid metabolism by gonadal tissues from ambisexual teleosts. I. Conversion of [14C]testosterone by males and females of the protogynous wrasse Coris julis L. Reinboth R, et al. **Gen Comp Endocrinol** 1984 Aug; 55(2):245–50

Prolactin and acid stress in the teleost Oreochromis (formerly Sarotherodon) mossambicus. Wendelaar Bonga SE, et al. **Gen Comp Endocrinol** 1984 Aug;55(2):323–32

Coding of amplitude–modulated tones in the central auditory system of catfish. Plassmann W. **Hear Res** 1985 Mar; 17(3):209–17

Prostaglandin–F2 alpha stimulates reproductive behavior of female paradise fish (Macropodus opercularis). Villars TA, et al. **Horm Behav** 1985 Mar;19(1):21–35

Effect of gonadotropins and gonadal hormones on female fish thyroid peroxidase activity. Chakraborti P, et al. **Indian J Biochem Biophys** 1984 Apr;21(2):85–8

Effects of some drugs on islet function in catfish. Bhatt SD, et al. **Indian J Physiol Pharmacol** 1984 Jul–Sep;28(3):200–5

Acoustics of a standing wave tank for studying the hearing capacity of fish. van den Berg AV, et al. **J Acoust Soc Am** 1985 Jul;78(1 Pt 1):12–6

Circulatory adaptation to bimodal respiration in the dipnoan lungfish. Fishman AP, et al. **J Appl Physiol** 1985 Aug; 59(2):285–94

The mormyrid mesencephalon. III. Retinal projections in a weakly electric fish, Gnathonemus petersii. Lázár G, et al. **J Comp Neurol** 1984 Nov 20;230(1):1–12

Effect of commercial formulation of four organophosphorus insecticides on the ovaries of a freshwater teleost, Mystus vittatus (bloch)—a histological and histochemical study. Haider S, et al. **J Environ Sci Health [B]** 1985 Jun; 20(3):321–40

Differences in temperature dependence of muscle contractile properties and myofibrillar ATPase activity in a cold-temperature fish. Johnston IA, et al. **J Exp Biol** 1984 Jul;111:179–89

Power output and force-velocity relationship of red and white muscle fibres from the Pacific blue marlin (Makaira nigricans). Johnston IA, et al. **J Exp Biol** 1984 Jul;111:171–7

The effects of temperature acclimation on the resting membrane of skeletal muscle fibres from green sunfish. Klein MG, et al. **J Exp Biol** 1985 Jan;114:563–79

Properties of the chloride conductance associated with temperature acclimation in muscle fibres of green sunfish. Klein MG. **J Exp Biol** 1985 Jan;114:581–98

An egg envelope component induces the acrosome reaction in sturgeon sperm. Cherr GN, et al. **J Exp Zool** 1985 Apr; 234(1):75–85

Photoperiodic regulation of thyroid responsiveness to TSH in Fundulus heteroclitus. Grau EG, et al. **J Exp Zool** 1985 May;234(2):199–205

Electrophysiology of flounder intestinal mucosa. II. Relation of the electrical potential profile to coupled NaCl absorption. Halm DR, et al. **J Gen Physiol** 1985 Jun; 85(6):865–83

Electrophysiology of flounder intestinal mucosa. I. Conductance properties of the cellular and paracellular pathways. Halm DR, et al. **J Gen Physiol** 1985 Jun; 85(6):843–64

External and internal sexual dimorphism in leiognathid fishes: morphological evidence for sex-specific bioluminescent signaling. McFall-Ngai MJ, et al. **J Morphol** 1984 Oct; 182(1):71–83

Primary projections of the trigeminal nerve in two species of sturgeon: Acipenser oxyrhynchus and Scaphirhynchus platorynchus. New JG, et al. **J Morphol** 1984 Nov; 182(2):125–36

Action of the efferent vestibular system on primary afferents in the toadfish, Opsanus tau. Highstein SM, et al. **J Neurophysiol** 1985 Aug;54(2):370–84

Signal transmission in the catfish retina. II. Transmission to type-N cell. Sakuranaga M, et al. **J Neurophysiol** 1985 Feb; 53(2):390–410

Signal transmission in the catfish retina. I. Transmission in the outer retina. Sakuranaga M, et al. **J Neurophysiol** 1985 Feb;53(2):373–89

Signal transmission in the catfish retina. III. Transmission to type-C cell. Sakuranaga M, et al. **J Neurophysiol** 1985 Feb;53(2):411–28

Phase and amplitude computations in the midbrain of an electric fish: intracellular studies of neurons participating in the jamming avoidance response of Eigenmannia. Heiligenberg W, et al. **J Neurosci** 1985 Feb;5(2):515–31

Structure and function of electrosensory neurons in the torus semicircularis of Eigenmannia: morphological correlates of phase and amplitude sensitivity. Rose G, et al. **J Neurosci** 1985 Aug;5(8):2269–80

Dietary vitamin E requirement of fingerling channel catfish. Wilson RP, et al. **J Nutr** 1984 Nov;114(11):2053–8

The lungfish Protopterus annectans (Owen) as a biocontrol agent against schistosome vector snails. Daffalla AA, et al. **J Trop Med Hyg** 1985 Apr;88(2):131–4

The food of the larvivorous fish Gambusia affinis (Baird and Girard) and Oreochromis (formerly Tilapia) niloticus (Linnaeus) in Gezira irrigation canals. el Safi SH, et al. **J Trop Med Hyg** 1985 Apr;88(2):169–74

The impact of the exotic fish Gambusia affinis (Baird and Girard) on some natural predators of immature mosquitoes. el Safi SH, et al. **J Trop Med Hyg** 1985 Apr;88(2):175–8

Patterns of deoxyglucose and glucose labeling in the optic tectum of monocularly stimulated bass. Skeen LC, et al. **Neurosci Lett** 1984 Nov 23;52(1–2):191–7

Cerebellar influence on the time structure of movement in the electric fish Eigenmannia. Behrend K. **Neuroscience** 1984 Sep;13(1):171–8

Sensory representation in the cerebellum of the catfish. Lee LT, et al. **Neuroscience** 1984 Sep;13(1):157–69

Effects of a short period exposure of fenitrothion on the reproduction of pregnant females of the guppy, Poecilia reticulata. Miyashita M. **Nippon Eiseigaku Zasshi** 1984 Aug; 39(3):647–50

Atypical modes of reproduction in fish. Purdom CE. **Oxf Rev Reprod Biol** 1984;6:303–40 (115 ref.)

Behavioral effects of TRH, 3-Me-His2-TRH and naloxone in Hemichromis bimaculatus. Christ H. **Pharmacol Biochem Behav** 1984 Nov;21(5):727–32

Effects of size hierarchy on surfacing behaviour and conversion rate in an air-breathing fish Channa striatus. Sampath K, et al. **Physiol Behav** 1985 Jan;34(1):51–5

Field and laboratory studies of the feeding behaviour of the piper Hyporhamphus ihi with reference to the role of the lateral line in feeding. Saunders AJ, et al. **Proc R Soc Lond [Biol]** 1985 Apr 22;224(1235):209–21

Responses of the isolated buffalo sculpin heart to stabilized venom of the lionfish (Pterois volitans). Choromanski JM, et al. **Proc West Pharmacol Soc** 1984;27:229–32

Excitatory effects of L-glutamate and some analogs on isolated horizontal cells from the catfish retina. Christensen BN, et al. **Prog Clin Biol Res** 1985;176:33–45

Primary afferent receptive field properties and neurotransmitter candidates in a vertebrate lacking unmyelinated fibers. Leonard RB. **Prog Clin Biol Res** 1985; 176:135–45 (13 ref.)

The muscular basis of aerial ventilation of the primitive lung of Amia calva. Deyst KA, et al. **Respir Physiol** 1985 Feb; 59(2):213–23

Skeletal muscle capillary supply in a fish that lacks respiratory pigments. Fitch NA, et al. **Respir Physiol** 1984 Aug;57(2):201–11

Bioelectric parameters and sodium and chloride fluxes across the intestine of Blennius parvicornis. Bolaños A, et al. **Rev Esp Fisiol** 1984 Dec;40(4):455–61

Electroreception and communication in electric fish. Westby GW. **Sci Prog** 1984 Summer;69(274):291–313 (26 ref.)

Physiological properties of the electro- and mechanoreceptors in catfish Ictalurus nebulosus. Tong SL, et al. **Sci Sin [B]** 1984 Oct;27(10):1023–8

A renal countercurrent system in marine elasmobranch fish: a computer-assisted reconstruction. Lacy ER, et al. **Science** 1985 Mar 15;227(4692):1351–4

Impact of methyl parathion toxicity and eserine inhibition on acetylcholinesterase activity in tissues of the teleost (Tilapia mossambica)—a correlative study. Siva Prasada Rao K, et al. **Toxicol Lett** 1984 Sep;22(3):351–6

Visual pigments and the labile scotopic visual system of fish. Beatty DD. **Vision Res** 1984;24(11):1563–73 (95 ref.)

Effects of background and spatial pattern on incremental sensitivity of catfish horizontal cells. Kawasaki M, et al. **Vision Res** 1984;24(10):1197–204

[Effect of gamma-aminobutyric acid, taurine and catecholamines on the synaptic processes in Lorenzini's ampules in Black Sea skates] Akoev GN, et al. **Fiziol Zh SSSR** 1985 Apr;71(4):466–71 (Eng. Abstr.) **(Rus)**

[Effect of potassium ions on the electrical activity of ampullae of Lorenzini in the skate] Akoev GN, et al. **Neirofiziologiia** 1984;16(4):493–7 (Eng. Abstr.) **(Rus)**

[Frequency characteristics of central neurons of the electroreceptor system of the skate in response to exposure to electric and magnetic fields] Andrianov IuN, et al. **Neirofiziologiia** 1984;16(4):464–70 (Eng. Abstr.) **(Rus)**

[Reactions of the ampullae of Lorenzini of the skate to electric stimulation after polarization of the receptor epithelium] Broun GR, et al. **Neirofiziologiia** 1984; 16(6):836–8 (Eng. Abstr.) **(Rus)**

[Problems in assessing the effect of pollutants on the physiology of the cardiovascular and respiratory systems of fishes] Hughes GM. **Zh Obshch Biol** 1985 Mar–Apr; 46(2):241–54 (Eng. Abstr.) **(Rus)**

FISHES, POISONOUS

see related
FISH VENOMS
TETRODOTOXIN

Scorpaenidae envenomation. A five-year poison center experience. Kizer KW, et al. **JAMA** 1985 Feb 8; 253(6):807–10

Venomous fish stings on the European seashore. Gonzaga RA. **Postgrad Med** 1985 Apr;77(5):146–8

Occurrence of a water soluble toxin in a parrotfish (Ypsiscarus ovifrons) which is probably responsible for parrotfish liver poisoning. Fusetani N, et al. **Toxicon** 1985; 23(1):105–12

Toxic effects of the soluble skin secretion from the Arabian Gulf catfish (Arius thallasinus, Ruppell) on plasma and liver enzyme levels. Al-Hassan JM, et al. **Toxicon** 1985; 23(3):532–4

[Acute food poisoning caused by eating the viscera of Spheroides vermicularis] Wang DS. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Jul;18(4):210–2 (Eng. Abstr.) **(Chi)**

[Epidemiology of Ciguatera in the Iles Saintes (Guadeloupe)] Czernichow P, et al. **Rev Epidemiol Sante Publique** 1984; 32(5):315–21 (Eng. Abstr.) **(Fre)**

[Skin injury by the sigamus fish] Ronen M, et al. **Harefuah** 1984 Sep;107(5–6):128–9 (Eng. Abstr.) **(Heb)**

[Toxicological studies on puffer fishes:comparison of toxicities in the various species] Endo R. **J Toxicol Sci** 1984 Jun;9 Suppl 1:1–11 (Eng. Abstr.) **(Jpn)**

METABOLISM

Tetrodotoxin derivatives in puffer fish. Nakamura M, et al. **Toxicon** 1985;23(2):271–6

Detection of tetrodotoxin-like compounds in two species of puffer fishes (Lagocephalus lunaris lunaris and Fugu niphobles). Shiomi K, et al. **Toxicon** 1985;23(2):331–6

FISSURE IN ANO

[Anal fissure] Wienert V. **Hautarzt** 1985 Apr;36(4):234–6 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Life events and fissure-in-ano [letter] Magni G. **Hepatogastroenterology** 1985 Apr;32(2):106–7

[Sphincter spasm and anal fissure: possible pathogenetic interpretation] Tajana A, et al. **Minerva Chir** 1985 Feb 15; 40(3):133–40 **(Ita)**

[Anorectal complications of Crohn disease (review of the literature)] Kirkin BV, et al. **Khirurgiia (Mosk)** 1984 Dec; (12):139–43 (30 ref.) **(Rus)**

[Anorectal complications of Crohn's disease] Kirkin BV, et al. **Sov Med** 1984;(12):94–8 **(Rus)**

PATHOLOGY

[Changes in the internal sphincter in anal fissures] Ektov VN, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):64–7 (Eng. Abstr.) **(Rus)**

[Epithelial changes in the anal canal associated with hemorrhoids, fissures and fistulas] Fonio de Gijón T, et al. **Acta Gastroenterol Latinoam** 1984;14(2):155–9 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

[Aspects and behavior of smooth and striated sphincters in fissure in ano. Possible interpretations] Tajana A, et al. **Minerva Chir** 1984 Oct 15;39(19):1335–42 **(Ita)**

SURGERY

Anal fissure. Allan A, et al. **Br J Hosp Med** 1985 Jan; 33(1):41–3

Treating fissure in ano in outpatients: what dose of local anesthetic? [letter] **Br Med J [Clin Res]** 1984 Oct 20; 289(6451):1079

Treating fissure in ano in outpatients under local anaesthesia [letter] Notaras MJ. **Br Med J [Clin Res]** 1984 Dec 1; 289(6457):1539

Symposium on outpatient anorectal procedures. Lateral internal sphincterotomy: rationale, technique and anesthesia. Gordon PH, et al. **Can J Surg** 1985 May; 28(3):228–30

Keyhole deformity. Fact and fiction. Mazier WP. **Dis Colon Rectum** 1985 Jan;28(1):8–10

Lord's rectal dilitation and treatment of rectal disease. Hull DA, et al. **J Ky Med Assoc** 1985 May;83(5):242–6

Outpatient treatment of fissure-in-ano. Badejo OA. **Trop Geogr Med** 1984 Dec;36(4):367–9

[Lateral internal sphincterotomy in the treatment of anal fissure] Basile F, et al. **Minerva Chir** 1985 Feb 15; 40(3):141–3 **(Ita)**

[Posterior sphincterotomy with anal graft] Di Bella F, et al. **Minerva Chir** 1985 Feb 15;40(3):145–7 (Eng. Abstr.) **(Ita)**

[Indications for internal, lateral and posterior sphincterotomy in proctologic surgery] Di Bella F, et al. **Minerva Chir** 1985 May 31;40(10):703–5 (Eng. Abstr.) **(Ita)**

[Sphincterotomy-cryosurgery combination in the treatment of anal fissures] Villani RD, et al. **Minerva Chir** 1985 Feb 15;40(3):149–51 **(Ita)**

[Surgical treatment of patients with chronic fissure in ano] Dul'tsev IuV, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):68–74 (Eng. Abstr.) **(Rus)**

THERAPY

Hemorrhoids and anal fissures. Common problems, current solutions. Bubrick MP, et al. **Postgrad Med** 1985 Feb 1; 77(2):165–9, 172–4

Sclerotherapy for the treatment of fissure in ano. Antebi E, et al. **Surg Gynecol Obstet** 1985 Mar;160(3):204–6

Anal fissures, abscesses and fistulae. Alternatives in the management of common anorectal conditions—2. Al-Breiki H, et al. **Trop Doct** 1985 Jul;15(3):108–10

[Therapy of fissure in ano] Formento E, et al. **Minerva Chir** 1985 Jun 15;40(11):799–802 (Eng. Abstr.) **(Ita)**

FISSURE SEALANTS see PIT AND FISSURE SEALANTS

FISTULA

see related
ARTERIOVENOUS FISTULA
BILIARY FISTULA
BLADDER FISTULA
BRONCHIAL FISTULA
DENTAL FISTULA
ESOPHAGEAL FISTULA
FISSURE IN ANO
GASTRIC FISTULA
INTESTINAL FISTULA
OROANTRAL FISTULA
PANCREATIC FISTULA
RECTAL FISTULA
RECTOVAGINAL FISTULA
SALIVARY GLAND FISTULA
TRACHEOESOPHAGEAL FISTULA
URINARY FISTULA
VAGINAL FISTULA
VESICOVAGINAL FISTULA

Gastropleural fistula. Report of three cases and review of the literature. Rotstein OD, et al. **Am J Surg** 1985 Sep; 150(3):392–6

Management of bronchopleural fistula following pneumonectomy. Høier-Madsen K, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):263–6

[External fistulae of the digestive tract] Podzimek A, et al. **Rozhl Chir** 1985 May;64(5):370–7 (Eng. Abstr.) **(Cze)**

COMPLICATIONS

Wirsungorrhagia or hemoductal pancreatitis: report of a case and review of the literature. Yokoyama I, et al. **Am J Gastroenterol** 1984 Oct;79(10):764–8

Diffuse non-specific aortitis with multiple saccular aneurysms and aorto-enteric fistula. Mukhopadhayay AK, et al. **Br Heart J** 1985 Jul;54(1):102–4

Postcoital pneumoperitoneum due to vaginoperitoneal fistula following hysterectomy. Bruce-Chwatt RM. **Br J Surg** 1984 Sep;71(9):733

Youssef's syndrome: a case report. Nel JT, et al. **J Urol** 1985 Jan;133(1):95–6

[Fever 13 years following an aortofemoral bypass operation] Lins RL, et al. **Acta Clin Belg** 1984;39(3):167–70 (Eng. Abstr.) **(Dut)**

[Primary aortoduodenal fistula, a rare cause of gastrointestinal blood loss] Voorhoeve R, et al. **Ned Tijdschr Geneeskd** 1985 May 11;129(19):908–10 (Eng. Abstr.) **(Dut)**

[Primary aortoduodenal fistula: apropos of 2 cases] Fastrez J, et al. **Acta Chir Belg** 1985 Jan–Feb;85(1):61–6 (Eng. Abstr.) **(Fre)**

[Spherophakia and spontaneous sclero-conjunctival fistula] Antaki S. **Bull Mem Soc Fr Ophtalmol** 1985;96:300–2 **(Fre)**

[Independent ventilation of the lungs as treatment of the massive loss of gas due to bronchopleural fistula] Cancellieri F, et al. **Minerva Anestesiol** 1984 May;50(5):205–8 (Eng. Abstr.) **(Ita)**

[Enterocutaneous fistulas. Report of 30 cases] Ramírez-Guerrero A, et al. **Rev Invest Clin** 1984 Oct–Dec;36(4):343–8 (Eng. Abstr.) **(Spa)**

CONGENITAL

Spontaneous closure of coronary artery fistula. Hackett D, et al. **Br Heart J** 1984 Oct;52(4):477–9

Ultrastructural characteristics of hyperplastic alterations in the liver of congenital portacaval-shunt rats. Vonnahme FJ, et al. **Br J Exp Pathol** 1984 Oct;65(5):585–96

Median nasal dermoid fistula. Shuttleworth D, et al. **Clin Exp Dermatol** 1985 May;10(3):269–73

Congenital fistula of the right coronary artery to the left ventricle. Report of a case. Sahasakul Y, et al. **J Med Assoc Thai** 1984 Aug;67(8):442–7

Congenital nasal dermoid cysts and fistulas. Vibe P, et al. **Scand J Plast Reconstr Surg** 1985;19(1):105–7

[Congenital midline fistulas of the back of the nose. Embryologic, clinical and therapeutic study] Cotin G, et al. **Ann Pediatr (Paris)** 1984 Dec;31(11):945–9 (Eng. Abstr.) **(Fre)**

[Rare congenital aerodigestive fistulae] Dyon JF, et al. **Chir Pediatr** 1984;25(4–5):234–44 (Eng. Abstr.) **(Fre)**

[A case of congenital coronary artery fistula (left coronary arterio-right atrial fistula)] Kidani M, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):689–92 (Eng. Abstr.) **(Jpn)**

[Pulmonary atresia with ventricular septal defect and right coronary-pulmonary artery fistula] Koide S, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):685–8 (Eng. Abstr.) **(Jpn)**

[A case of coronary to pulmonary arterial fistulae—review and the consideration of surgical treatment] Sakamoto S, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):693–8 (Eng. Abstr.) **(Jpn)**

[Congenital coronary-pulmonary arterial fistula] Shimada S, et al. **Kyobu Geka** 1984 Nov;37(12):949–53 (Eng. Abstr.) **(Jpn)**

[A case of congenital laryngotracheoesophageal fistula associated with esophageal atresia and other defects] Stefanek W. **Pediatr Pol** 1984 Sep;59(9):779–84 **(Pol)**

DIAGNOSIS

Multiple coronary artery-right ventricle fistulas. Schamroth CL, et al. **Am Heart J** 1985 Jun;109(6):1388–90

Coronary artery fistula: a pulsed Doppler/two-dimensional echocardiographic study. Friedman DM, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1652–5

Left coronary-pulmonary artery fistulae in a subject with mitral stenosis: a case report. Gherarducci G, et al. **Boll Soc Ital Cardiol** 1984 May–Jun;29(5–6):283–8

Two-dimensional and pulsed Doppler echocardiographic abnormalities in coronary artery-pulmonary artery fistula. Chia BL, et al. **Chest** 1984 Dec;86(6):901–4

Traumatic subarachnoid-pleural fistula. Moorehead RJ, et al. **Injury** 1985 Jul;16(7):482

Recognition of left coronary artery fistula to the left and right ventricles by contrast echocardiography. Cooper MJ, et al. **J Am Coll Cardiol** 1985 Oct;6(4):923–6

Perilymph fistula. Four year experience with a new audiometric test. Flood LM, et al. **J Laryngol Otol** 1985 Jul;99(7):671–6

Iliac appendiceal fistula: case presentation and review of management. Kitzmiller JW, et al. **J Vasc Surg** 1984 Sep;1(5):695–6

Wound amylase levels as an early indicator of orocutaneous fistulae. Larsen LR, et al. **Laryngoscope** 1984 Oct;94(10):1302–6

Case report: Rhode Island Hospital [clinical conference] Albala MM, et al. **RI Med J** 1985 Jan;68(1):35–41

Changes in the respiratory gas tensions of a pneumonectomy space and their application to the diagnosis of bronchopleural fistula. Firmin RK, et al. **Thorac Cardiovasc Surg** 1985 Jun;33(3):173–5

[Systemo-pulmonary fistula associated with stenosis of the brachiocephalic trunk and disclosed by exertional ischemia of the right arm] Vermynck JP, et al. **Ann Chir** 1984 Dec;38(9):685–90 (Eng. Abstr.) **(Fre)**

[Proximal and peripheral coronaro-pulmonary fistulae. Apropos of 10 cases] Bertinchant JP, et al. **Arch Mal Coeur** 1985 Apr;78(4):601–8 (Eng. Abstr.) **(Fre)**

[Two-dimensional echocardiography of coronaro-cavitary fistulas] Piot JD, et al. **Arch Mal Coeur** 1985 Feb;78(2):248–54 (Eng. Abstr.) **(Fre)**

[Aorto-intestinal and paraprosthetic fistulas. A rare differential diagnosis of gastrointestinal hemorrhage] Altstaedt HO, et al. **Dtsch Med Wochenschr** 1985 May 10;110(19):758–63 (Eng. Abstr.) **(Ger)**

[Infected tooth presenting with sinus of the chin] Dvir E, et al. **Harefuah** 1985 Jan 1;108(1):19 (Eng. Abstr.) **(Heb)**

[Echocardiographic picture of paravalvular fistula of a semi-circular prosthesis MKCh-2-27 fixed in the mitral position] Markhasina IP. **Kardiologiia** 1984 Jul;24(7):105 **(Rus)**

[Coronary fistula] Martínez Sánchez A, et al. **Bol Med Hosp Infant Mex** 1985 Jan;42(1):31–6 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

[Preliminary report on the use of somatostatin in the treatment of external pancreatic fistula] Arcuri V, et al. **Minerva Chir** 1984 Apr 30;39(8):597–9 (Eng. Abstr.) **(Ita)**

EMBRYOLOGY

[Fistulae of the 4th branchial cleft] Narcy P, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(5):491–4 (Eng. Abstr.) **(Fre)**

ETIOLOGY

Fistula formation following epidural catheter. A case report. Wanscher M, et al. **Acta Anaesthesiol Scand** 1985 Jul;29(5):552–3

Traumatic aorto-right ventricular fistula presenting with a diastolic murmur. Haskell RJ, et al. **Am Heart J** 1985 May;109(5 Pt 1):1110–2

Rectourethroperineal fistula in Crohn's disease. Stamler JS, et al. **Am J Gastroenterol** 1985 Feb;80(2):111–2

Cervicovaginal fistula formation: a new complication of Shirodkar cerclage. Berchuck A, et al. **Am J Perinatol** 1984 Apr;1(3):263–5

Major gastrointestinal haemorrhage as a complication of cholecystoduodenal fistula in gallstone disease. Report of three cases. Hjelmqvist B, et al. **Ann Chir Gynaecol** 1985;74(1):6–8

Aortobronchial fistula: a late complication of division of the persistent ductus arteriosus. Wood AE, et al. **Ann Thorac Surg** 1984 Oct;38(4):402–5

Pharyngocutaneous fistulae following laryngectomy. Mendelsohn MS, et al. **Aust NZ J Surg** 1985 Apr;55(2):177–9

Vesico-uterine fistula. Iloabachie GC, et al. **Br J Urol** 1985 Aug;57(4):438–9

Vasocutaneous fistula following scrotal injury. Yasumoto R, et al. **Br J Urol** 1984 Apr;56(2):222

Spontaneous enteroumbilica fistula. Ubhi CS, et al. **Br Med J [Clin Res]** 1984 Dec 22–29;289(6460):1743

Aortoenteric fistula developing 7 years after aortofemoral bypass surgery [letter] Gough JC. **Can Med Assoc J** 1984 Sep 15;131(6):539–41

Tuberculous and posttuberculous bronchopleural fistula. Ten year clinical experience. Donath J, et al. **Chest** 1984 Nov;86(5):697–703

Arterial-esophageal fistulae developing in patients with anomalies of the aortic arch system. Edwards BS, et al. **Chest** 1984 Nov;86(5):732–5

Colouterine fistula secondary to diverticulitis. Chaikof EL, et al. **Dis Colon Rectum** 1985 May;28(5):358–60

Enterocutaneous fistulization due to Actinomyces odontolyticus. Report of a case. Klaaborg KE, et al. **Dis Colon Rectum** 1985 Jul;28(7):526–7

Hepatobronchial fistula with percutaneous pyogenic abscess drainage of the liver. Nesper M, et al. **Gastrointest Radiol** 1985;10(2):129–31

Aortoesophageal fistula and sentinel hemorrhage. Patel NM, et al. **IMJ** 1985 Jan;167(1):58–9

Pleuroesophageal fistula as a complication of empyema thoracis. Raj B, et al. **Indian J Chest Dis Allied Sci** 1983 Oct–Dec;25(4):294–6

Spontaneous cavernopleurocutaneous fistula in pulmonary tuberculosis. Singh SK, et al. **Indian J Chest Dis Allied Sci** 1983 Oct–Dec;25(4):297–8

A colocutaneous fistula occurring 50 years after a shotgun injury. Swan KG, et al. **Injury** 1984 Nov;16(3):200–1

Oro-nasal fistula secondary to maxillary augmentation. Eppley B, et al. **Int J Oral Surg** 1984 Dec;13(6):535–8

Right coronary artery-pulmonary artery arteriovenous fistula secondary to open heart surgery. Rothschild AH, et al. **J Am Coll Cardiol** 1985 Oct;6(4):933–6

Iatrogenic bronchopleural fistula caused by feeding tube insertion. Sheffner SE, et al. **J Can Assoc Radiol** 1985 Mar;36(1):52–5

Cardiocutaneous fistula after left ventricular aneurysm repair. Case report and review of the literature. Deuvaert FE, et al. **J Cardiovasc Surg (Torino)** 1984 Nov–Dec;25(6):560–2 (6 ref.)

Renal artery graft-to-duodenum fistula: unusual presentation of a recurrent flank abscess. King RM, et al. **J Cardiovasc Surg (Torino)** 1985 Sep–Oct;26(5):509–11

Penetration of the left ventricular myocardium by benign peptic ulceration: two cases and a review of the published work. Porteous C, et al. **J Clin Pathol** 1984 Nov;37(11):1239–44

Posttraumatic cerebrospinal fluid cyst of the orbit. Case report. Sibony PA, et al. **J Neurosurg** 1985 Jun;62(6):922–4

Intestino-arterial fistula following urinary diversion. Ferrie BG. **J R Soc Med** 1985 Apr;78(4):341

Colocutaneous fistula complicating Tenckhoff catheter placement for intraperitoneal chemotherapy. Wakefield T, et al. **J Surg Oncol** 1984 Nov;27(3):205–7

Left anterior descending coronary artery-right ventricle fistula complicating percutaneous transluminal angioplasty. Meng RL, et al. **J Thorac Cardiovasc Surg** 1985 Sep;90(3):387–90

Esophagopleural fistula after pneumonectomy for inflammatory disease. Shama DM, et al. **J Thorac Cardiovasc Surg** 1985 Jan;89(1):77–81

Tracheo-carotid artery erosion following endotracheal intubation. LoCicero J 3d. **J Trauma** 1984 Oct;24(10):907–9

Traumatic fistula between the descending thoracic aorta and the left main pulmonary artery. Snow N, et al. **J Trauma** 1985 Mar;25(3):263–5

Tuberculous fistula of cheek. Report of a case. Purohit SD, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):41–2

Iliac artery-ureteral fistula developing after dilatation and stent placement. Adams PS Jr. **Radiology** 1984 Dec;153(3):647–8

Abdominal abscess with low-output fistula: successful percutaneous drainage. Kerlan RK Jr, et al. **Radiology** 1985 Apr;155(1):73–5

Spontaneous cholecystocutaneous fistula. Abril A, et al. **South Med J** 1984 Sep;77(9):1192–3

Graft-enteric fistulas and erosions. Paaske WP, et al. **Surg Gynecol Obstet** 1985 Aug;161(2):161–4

Aortopulmonary fistula in a post-coarctation mycotic aneurysm. DaValle MJ, et al. **Surgery** 1985 Jan;97(1):93–6

Aorto-right ventricular shunt and associated aortic valve injury resulting from a penetrating wound of the heart. Seguin JR, et al. **Thorac Cardiovasc Surg** 1984 Dec;32(6):386–8

Role of automatic staplers in the aetiology of bronchopleural fistula. Hakim M, et al. **Thorax** 1985 Jan;40(1):27–31

Ureterocutaneous fistulas secondary to urinary calculous disease. Goldwasser B, et al. **Urology** 1985 Jan;25(1):71–3

Management of vesicouterine fistula following cesarean section. Pawar HN. **Urology** 1985 Jan;25(1):66–8

Appendico-uterine fistula: case report. Sarkar DK. **Va Med** 1985 Jan;112(1):47–8

[Fatal esophagogastric-aortic fistula following resection of carcinoma of the esophagus—a report of 10 cases] Zhang W. **Chung Hua Chung Liu Tsa Chih** 1984 Sep;6(5):368–71 (Eng. Abstr.) **(Chi)**

[An aorto-esophageal fistula in a patient with malignant lymphogranuloma] Peychlová J, et al. **Cesk Patol** 1984 Aug;20(3):177–82 (Eng. Abstr.) **(Cze)**

[Conservative treatment of a traumatic biliopleural fistula] De Groof E, et al. **Acta Chir Belg** 1984 Nov–Dec;84(6):361–3 (Eng. Abstr.) **(Dut)**

[Colonothoracic fistulas: presentation of 2 cases] Roy G, et al. **Acta Chir Belg** 1985 May–Jun;85(3):179–83 (Eng. Abstr.) **(Fre)**

[Hydatid cysts of the liver open into the bronchi and pleura. Apropos of 18 cases] Ennabli K. **Ann Chir** 1984 Oct;38(7):560–6 (Eng. Abstr.) **(Fre)**

[Posttraumatic esophagopericardial fistula] Strohl D, et al. **J Radiol** 1984 Apr;65(4):289–91 (Eng. Abstr.) **(Fre)**

[Acquired aortopulmonary fistula, unusual development of Valsalva's sinus aneurysm (letter)] Bazelly B, et al. **Presse Med** 1985 Jan 19;14(2):103–4 **(Fre)**

[Aortoduodenal fistula of tuberculous origin (letter)] Boisserie F, et al. **Presse Med** 1985 Jan 19;14(2):106–7 **(Fre)**

[Endotracheal hemorrhage caused by fissuration of the innominate artery during prolonged intubation. Surgical treatment] Couraud L, et al. **Presse Med** 1984 Nov 24;13(42):2577–9 (Eng. Abstr.) **(Fre)**

[Cutaneous fistula from a popliteal cyst in a female patient with rheumatoid arthritis] Patiño Ruiz E, et al. **Rev Rhum Mal Osteoartic** 1985 Feb;52(2):115–7 **(Fre)**

[Causes and prevention of nonspecific digestive fistulas. I. General considerations] Mosimann F. **Schweiz Rundsch Med Prax** 1984 Nov 20;73(47):1459–60 (Eng. Abstr.) **(Fre)**

[Causes and prevention of nonspecific digestive fistulas. II. Special considerations] Mosimann F, et al. **Schweiz Rundsch Med Prax** 1984 Nov 20;73(47):1461–4 (45 ref.) (Eng. Abstr.) **(Fre)**

[Fistula formation after peridural anesthesia. A reliable diagnosis of a rare catheter complication by computed tomography] Sauerwein W, et al. **ROFO** 1985 Jan;142(1):109–11 **(Ger)**

[Rare forms of extraperitoneal abscess and fistula formation] Ornig H, et al. **Zentralbl Chir** 1984;109(10):675–80 (Eng. Abstr.) **(Ger)**

[A case of bronchopleural fistula with expectoration of wax after extraperiosteal paraffin plombage 11 years earlier] Iuchi K, et al. **Rinsho Kyobu Geka** 1984 Nov;4(6):745-9 (Eng. Abstr.) **(Jpn)**

[Lymphocutaneous fistula of the popliteal fossa following a varicose operation] Garlid JM, et al. **Tidsskr Nor Laegeforen** 1984 Sep 20;104(26):1815 (Eng. Abstr.) **(Nor)**

[Immediate and late complications in the urinary tract after cesarean section] Higier J, et al. **Ginekol Pol** 1984 Nov;55(11):817-22 (Eng. Abstr.) **(Pol)**

[Case of cholecystocutaneous fistula] Kulicki M. **Wiad Lek** 1984 Jun 15;37(12):955-7 (Eng. Abstr.) **(Pol)**

[Pyopneumothorax and gastric pleural fistula caused by gastric carcinoma: report of a case and review of the literature] Ennes FP, et al. **AMB** 1984 Sep-Oct;30(9-10):210-2 (Eng. Abstr.) **(Por)**

[Coronary-left ventricular fistulas in heart aneurysms] Shabalkin BV, et al. **Grudn Khir** 1984 Sep-Oct;(5):12-7 (Eng. Abstr.) **(Rus)**

[Fungal infection of the maxillary sinus complicated by fistula of the lower eyelid] Alimov AI, et al. **Vestn Otorinolaringol** 1985 Mar-Apr;(2):68-9 **(Rus)**

[Reno-cutaneous-duodenal fistula] Saiz Carrero A, et al. **Rev Esp Enferm Apar Dig** 1985 Mar;67(3):281-4 (Eng. Abstr.) **(Spa)**

[Giant gastrocutaneous fistula] Juárez F, et al. **Rev Invest Clin** 1985 Jan-Mar;37(1):39-42 (Eng. Abstr.) **(Spa)**

[Hodgkin's disease with cutaneous fistulization of the adenopathies (letter)] Ribera JM, et al. **Sangre (Barc)** 1985;30(1):61-2 **(Spa)**

FAMILIAL & GENETIC

Congenital fistulas of the lower lip. Radiographic evaluation. Ortega-Resinas M, et al. **Dermatologica** 1984;169(6):359-62

Hereditary renal disease and preauricular pits: report of a kindred. Lachiewicz AM, et al. **J Pediatr** 1985 Jun;106(6):948-50

Bilateral congenital oval window microfistulae in a mother and son. Weider DJ, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1455-8

[Lip sinus] Friedhofer H, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jul-Aug;39(4):193-6 (Eng. Abstr.) **(Por)**

MICROBIOLOGY

Microorganisms isolated from infected aural fistulas. Sugita R, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1468-71

MORTALITY

Late results following surgical management of vascular graft infection. Reilly LM, et al. **J Vasc Surg** 1984 Jan;1(1):36-44

PHYSIOPATHOLOGY

Effect of chest-tube suction on gas flow through a bronchopleural fistula. Powner DJ, et al. **Crit Care Med** 1985 Feb;13(2):99-101

PREVENTION & CONTROL

[Prevention and treatment of ligature fistulae] Nadzhmitdinov NN, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):111-3 **(Rus)**

RADIOGRAPHY

Spontaneous CSF rhinorrhea arising from the middle cranial fossa: CT demonstration. Yeates AE, et al. **AJNR** 1984 Nov-Dec;5(6):820-1

Nonsurgical (spontaneous) spleno-renal shunt presenting as an abdominal mass: case report and review of the literature. Knapp AB, et al. **Am J Gastroenterol** 1985 Feb;80(2):103-6

Spontaneous cholecysto-umbilical fistula. Davies CJ, et al. **Br J Radiol** 1984 Nov;57(683):1034-6

The diagnosis of aortic graft-enteric fistulae by computed tomography. Ackroyd J, et al. **Br J Surg** 1985 Jan;72(1):72-3

A case of a primary aorto-duodenal fistula detected by arteriography. Dendooven D, et al. **J Belge Radiol** 1984;67(6):417-20

Aortoesophageal fistula after perigraft abscess with characteristic CT findings. Tierney LM Jr, et al. **J Clin Gastroenterol** 1984 Dec;6(6):535-7

Enhanced ascites: CT sign of ureteral fistula. Hirsch M. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):825-6

[Ultrasonically-guided percutaneous transhepatic cholecystography (US-PTCC) for diagnosis of spontaneous internal biliary fistula] Inui K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Aug;81(8):1817-23 (Eng. Abstr.) **(Jpn)**

[Roentgenological diagnosis of labyrinthine fistulas in chronic suppurative otitis media] Kossovoi AL. **Vestn Otorinolaringol** 1985 Jan-Feb;(1):17-20 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

Systemic pulmonary arterial fistula diagnosed with aid of radionuclide angiography. Rashkow AM, et al. **Am Heart J** 1984 Dec;108(6):1562-5

Uptake of indium-111-labeled leukocytes in a cutaneo-cecal-vaginal fistula. Case report. Abdel-Nabi H, et al. **Clin Nucl Med** 1984 Dec;9(12):732-3

Imaging of an actively bleeding aortoduodenal fistula. Makhija M, et al. **Clin Nucl Med** 1985 May;10(5):372-3

SURGERY

Gluteal thigh flap repair of chronic perineal wounds. Hurwitz DJ, et al. **Am J Surg** 1985 Sep;150(3):386-91

Improvements in the diagnosis and management of aortoenteric fistula. O'Donnell TF Jr, et al. **Am J Surg** 1985 Apr;149(4):481-6

Management of aortoesophageal fistula. A case report. McFaddin DM, et al. **Am Surg** 1985 Sep;51(9):548-50

Anorectal fistulas. Henry MM. **Ann Gastroenterol Hepatol (Paris)** 1984 May-Jun;20(3):151-2

Congenital lacrimal fistulas. Welham RA, et al. **Arch Ophthalmol** 1985 Apr;103(4):545-8

Surgical excision of first cleft branchial fistulae. Miller PD, et al. **Br J Surg** 1984 Sep;71(9):696-7

Direct vision internal urethrotomy in the treatment of urethral fistulas due to urethral strictures. Shah SB, et al. **Br J Urol** 1985 Aug;57(4):462-4

Management of chronic perineal sinuses by wide excision and split-thickness skin grafting. McLeod RS, et al. **Can J Surg** 1985 Jul;28(4):315-6, 318

Management of a cheek fistula associated with false ankylosis. Azab S, et al. **J Oral Maxillofac Surg** 1984 Dec;42(12):823-6

Prostatic and membranous urethrorectal fistulas: a new technique of surgical closure. Zimmern PE, et al. **J Urol** 1985 Aug;134(2):355-7

Operative technique for repair of tracheoinnominate artery fistula. Courcy PA, et al. **J Vasc Surg** 1985 Mar;2(2):332-4

Closure of pharyngocutaneous fistulae with the rhomboid flap. Parnes SM, et al. **Laryngoscope** 1985 Feb;95(2):224-5

Sacral fracture with pseudomeningocele and cerebrospinal fluid fistula: case report and review of the literature. Hadley MN, et al. **Neurosurgery** 1985 Jun;16(6):843-6

Management of recalcitrant bronchopleural fistulas with muscle flap obliteration. Chicarilli ZN, et al. **Plast Reconstr Surg** 1985 Jun;75(6):882-7

Late cataclysmic hemorrhage from the innominate artery after tracheostomy. Hafez A, et al. **Thorac Cardiovasc Surg** 1984 Oct;32(5):315-9

Coronary artery fistula following rupture of aneurysm of the sinus node artery into the right atrium. Sethia B, et al. **Thorac Cardiovasc Surg** 1985 Jun;33(3):191-2

Surgical correction of rectoprostatic fistula. Bauer HW, et al. **Urology** 1984 Nov;24(5):452-5

[Experience in the treatment of 255 cases of external intestinal fistula] Li JS. **Chung Hua I Hsueh Tsa Chih** 1984 Nov;64(11):686-8 **(Chi)**

[Hydatid cysts of the liver rupturing into the bile ducts. Therapeutic procedures] Ennabli E, et al. **Ann Chir** 1985 May;39(4):243-50 (Eng. Abstr.) **(Fre)**

[Mentosternal fistula--apropos of a case] Lardenet J, et al. **J Fr Otorhinolaryngol** 1984 Oct;33(8):418-9 (Eng. Abstr.) **(Fre)**

[Urogenital fistulas] Steg A. **J Urol (Paris)** 1983;89(10):757-79 **(Fre)**

[Obliteration of a bronchopleural fistula by the YAG laser under thoracoscopy (letter)] Guerin JC, et al. **Presse Med** 1985 Jun 1;14(22):1245-6 **(Fre)**

[Aortodigestive fistula (letter)] Pelouze G, et al. **Presse Med** 1985 Feb 2;14(4):230-1 **(Fre)**

[Eccentric tectonic mini-keratoplasty in corneal, corneoscleral and scleral processes] Völcker HE, et al. **Klin Monatsbl Augenheilkd** 1984 Sep;185(3):158-66 (Eng. Abstr.) **(Ger)**

[Perilymph fistulas--symptoms and indications for tympanoscopy] Lamprecht A, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jan;64(1):13-6 (Eng. Abstr.) **(Ger)**

[The place of surgery in enterocutaneous fistulas] Akovbiantz A, et al. **Schweiz Rundsch Med Prax** 1984 Nov 20;73(47):1465-9 (Eng. Abstr.) **(Ger)**

[Frontobasal lesions with cerebrospinal fluid fistulae: neurosurgical treatment] Probst C. **Clin Ter** 1985 Mar 31;112(6):489-92 (Eng. Abstr.) **(Ita)**

[A surgical case of a giant right coronary artery to a left ventricular fistula] Hattori R, et al. **Kyobu Geka** 1985 Jun;38(6):465-8 (Eng. Abstr.) **(Jpn)**

[Twelve cases of congenital coronary artery fistulas--an experience of 'the postoperative development of a new fistula'] Kino K, et al. **Kyobu Geka** 1985 Jun;38(6):433-8 (Eng. Abstr.) **(Jpn)**

[A case of coronary artery-pulmonary artery fistula with a giant saccular aneurysm] Miyauchi Y, et al. **Kyobu Geka** 1985 May;38(5):408-11 (Eng. Abstr.) **(Jpn)**

[A case of coronary-pulmonary arterial fistula involving bilateral coronary arteries] Muraguchi K, et al. **Kyobu Geka** 1985 May;38(5):399-403 (Eng. Abstr.) **(Jpn)**

[A case of thoracic empyema with broncho-pleural fistula existing for 57 years. Histological findings of squamous cell carcinoma in the resected lung] Tsuji Y, et al. **Kyobu Geka** 1984 Sep;37(10):768-72 (Eng. Abstr.) **(Jpn)**

[Our experience with surgery for cysts and fistulae of the thyroglossal tract] Andrei V, et al. **Rev Chir [Otorinolaringol]** 1984 Oct-Dec;29(4):249-58 **(Rum)**

[Tactics in infected prosthesis after reconstructive surgery in the aorto-femoral zone] Izmukhanov AK, et al. **Klin Khir** 1984 Oct;(10):68 **(Rus)**

[Urethroplasty. Report of 2 cases] Bernal Bastidas S. **Ginecol Obstet Mex** 1983 Jul;51(315):183-6 (Eng. Abstr.) **(Spa)**

[Primary aortoenteric fistula and severe postoperative hypertension] Turabian Fernández JL, et al. **Rev Clin Esp** 1984 May 31;173(4):237-8 **(Spa)**

THERAPY

Conventional and high-frequency ventilation in dogs with bronchopleural fistula. Sjostrand UH, et al. **Crit Care Med** 1985 Mar;13(3):191-3

Treatment of a biliocutaneous fistula by endoscopic insertion of a nasobiliary tube. Burmeister W, et al. **Gastrointest Endosc** 1985 Aug;31(4):279-81

Malignant esophagopulmonary fistula treated by fiberoptic intubation of a prosthesis. Valbuena J. **Gastrointest Endosc** 1985 Aug;31(4):281-3

The treatment of high enterocutaneous fistula with surgical drainage and total parenteral nutrition. Harju E, et al. **Int Surg** 1985 Jan-Mar;70(1):33-8

An alternative method to conventional palatal fistula obturation. Saunders TR. **J Prosthet Dent** 1984 Nov;52(5):762

Use of suction to treat soft tissue injected with liquid silicone. Zandi I. **Plast Reconstr Surg** 1985 Aug;76(2):307-9

A practical approach to wound care in patients with complex enterocutaneous fistulas. Hollis HW Jr, et al. **Surg Gynecol Obstet** 1985 Aug;161(2):178-80

High frequency jet ventilation in tracheopleural fistula: case report. Fernandez NA, et al. **Tex Med** 1985 Mar;81(3):61-2

Anastomotic leak and recurrent fistula following operation of oesophageal atresia. Sigge W, et al. **Z Kinderchir** 1985 Apr;40(2):71-4

[Fistula closure with fibrin glue; correction by the authors (letter)] Bouvy LA. **Ned Tijdschr Geneeskd** 1985 Jan 19;129(3):132 **(Dut)**

[Closure of a fistula using fibrin glue] Bouvy LA, et al. **Ned Tijdschr Geneeskd** 1984 Dec 8;128(49):2306-7 (Eng. Abstr.) **(Dut)**

[Obstruction with a biological adhesive of a bronchopleural fistula following pneumonectomy (letter)] Guérin JC, et al. **Rev Pneumol Clin** 1984;40(5):337 **(Fre)**

[Endoscopic occlusion of a tumor-caused esophago-mediastinal fistula with a rapidly hardening amino acid solution (letter)] Riemann JF. **Dtsch Med Wochenschr** 1985 Mar 8;110(10):396 **(Ger)**

[Parenteral nutrition is enterocutaneous fistulas. Indications and feasibility] Leutenegger AF. **Schweiz Rundsch Med Prax** 1984 Nov 20;73(47):1433-6 (Eng. Abstr.) **(Ger)**

[Postoperative duodeno-cutaneous fistula in an infant: conservative treatment, total parenteral nutrition] Ridolfi L, et al. **Pediatr Med Chir** 1984 May-Jun;6(3):457-8 (Eng. Abstr.) **(Ita)**

[Endoscopical sealing of bronchopleural fistula complicated after pneumonectomy] Sakayori S, et al. **Kyobu Geka** 1984 Oct;37(11):867-9 (Eng. Abstr.) **(Jpn)**

VETERINARY

Complications from a testicular prosthesis in a stallion. Hinrichs K, et al. **J Am Vet Med Assoc** 1985 Feb 15;186(4):390-1

FIXATION, OCULAR

Effect of a concurrent counting task on dynamic visual accommodation. Malmstrom FV, et al. **Am J Optom Physiol Opt** 1984 Sep;61(9):590-4

Fixation disparity vs. binocular fixation misalignment. Remole A. **Am J Optom Physiol Opt** 1985 Jan;62(1):25-34

Differentiation of asymptomatic patients from symptomatic patients by the slope of the forced vergence fixation disparity curve. Teitelbaum BA, et al. **Am J Optom Physiol Opt** 1985 Apr;62(4):282-6

Computer simulation of fixation suppression of vestibular nystagmus in normal persons. Davidson SA, et al. **Am J Otolaryngol** 1984 Jan-Feb;5(1):27-33

Palinopsia and bitemporal visual extinction on fixation. Jacome DE. **Ann Ophthalmol** 1985 Apr;17(4):251-2, 257

Saccadic velocity studies in paralytic strabismus: fixation with the paretic vs the nonparetic eye. Metz HS. **Ann Ophthalmol** 1985 Jan;17(1):37-8

Comparing frontal and lateral viewing in the pigeon. III. Different patterns of eye movements for binocular and monocular fixation. Bloch S, et al. **Behav Brain Res** 1984 Aug;13(2):173-82

Congenital nystagmus. Kommerell G. **Bull Soc Belge Ophtalmol** 1983;207:5-14

The 10-diopter base-down fixation test for amblyopia: comparison of techniques. O'Reilly C, et al. **Can J Ophthalmol** 1984 Dec;19(7):303-5

The accuracy of fixation in lateral gaze and the problem of retinal slip. Crone RA. **Doc Ophthalmol** 1984 Aug 15;58(1):65-9

Congenital esotropia with a bifixation result. Report of a case. Parks MM. **Doc Ophthalmol** 1984 Aug 15;58(1):109-14

Eye fixation duration during random texture discrimination. Božkov V, et al. **Int J Psychophysiol** 1984 Aug;2(1):51-8

Determinants of infant visual fixation: evidence for a

two-process theory. Bashinski HS, et al.
J Exp Child Psychol 1985 Jun;39(3):580-98

Lexical access during eye fixations in reading: effects of word-initial letter sequence. Lima SD, et al.
J Exp Psychol [Hum Percept] 1985 Jun;11(3):272-85

Some temporal characteristics of processing during reading. McConkie GW, et al. **J Exp Psychol [Hum Percept]** 1985 Apr;11(2):168-86

Properties of visual inputs that initiate horizontal smooth pursuit eye movements in monkeys. Lisberger SG, et al. **J Neurosci** 1985 Jun;5(6):1662-73

The effect of factivity on lexical retrieval and postlexical processes during eye fixations in reading. Inhoff AW.
J Psycholinguist Res 1985 Jan;14(1):45-56

Caloric stimulation and unilateral visual neglect. Rubens AB. **Neurology** 1985 Jul;35(7):1019-24

Fixational eye movements and autokinesis in amblyopes. Westall CA, et al. **Ophthalmic Physiol Opt** 1984;4(4):333-7

The effect of illumination and foveal fusion lock on clinical fixation disparity measurements with the Sheedy Disparometer. Wildsoet CF, et al.
Ophthalmic Physiol Opt 1985;5(2):171-8

Long-term observations after trephination with scleral flap in glaucoma with threatened point of fixation. Vossen J, et al. **Ophthalmologica** 1984;189(4):169-76

Superiority of the left cerebral hemisphere in word recognition with nonverbal central fixation. Williams SM. **Percept Mot Skills** 1984 Dec;59(3):895-8

The precision of oculocentric direction and its role in the stability of fixation. Bedell HE, et al. **Vision Res** 1984; 24(10):1157-61

Approximate visual axis projection for the rhesus monkey using a funduscope and alignment laser. Blankenstein MF, et al. **Vision Res** 1985;25(2):301-5

Eye position during fixation tasks: comparison of macaque and human. Snodderly DM, et al. **Vision Res** 1985; 25(1):83-98

[Aftereffect of longer fixations on distance perception: an evaluation of motor interpretations] Heuer H.
Z Exp Angew Psychol 1985;32(1):33-54 (Eng. Abstr.) **(Ger)**

[Analysis of gaze stabilization during stepping and running] Hoshikawa H. **Nippon Jibiinkoka Gakkai Kaiho** 1985 May; 88(5):678-86 (Eng. Abstr.) **(Jpn)**

[Results of studying the fusion capacity of preschool children suffering from concomitant strabismus] Ekpe A.
Oftalmol Zh 1984;(3):147-50 (Eng. Abstr.) **(Rus)**

[Features and efficacy of surgical treatment of children with convergent strabismus after elimination of incorrect visual fixation] Strogal' AS. **Oftalmol Zh** 1984;(6):359-60 (Eng. Abstr.) **(Rus)**

[Study of central fatigue using electronystagmography] Breier P. **Bratisl Lek Listy** 1984 Aug;82(2):927-35 (Eng. Abstr.) **(Slo)**

FIXATIVES

see related
PRESERVATION, BIOLOGICAL

Polyvalent fixative for staining of fine needle aspirates [letter] Boccato P. **Acta Cytol (Baltimore)** 1985 Jul-Aug; 29(4):647-8

Influence of fixation on the lectin binding sites in the rabbit salivary glands. Menghi G, et al. **Acta Histochem (Jena)** 1985;76(1):57-64

The effect of fixation on corneal endothelial cell dimensions and morphology in scanning electron microscopy. Virtanen I, et al. **Acta Ophthalmol (Copenh)** 1984 Aug;62(4):577-85

The influence of various fixatives on the immunohistochemical demonstration of a number of plasma proteins and oncofetal proteins in paraffin embedded material. Jacobsen M, et al.
Acta Pathol Microbiol Immunol Scand [A] 1984 Nov; 92(6):461-8

Periodate-lysine-paraformaldehyde as fixative for the study of duodenal mucosa. Morphologic and immunohistochemical results at light and electron microscopic levels. Rantala I, et al.
Acta Pathol Microbiol Immunol Scand [A] 1985 Jul; 93(4):165-73

Three histologic fixatives for the demonstration of Mycobacterium leprae. Jones RL, et al.
Am J Dermatopathol 1984 Aug;6(4):379-80

Ultrastructural morphometry of parathyroid cells in rats of different ages. Wild P, et al. **Cell Tissue Res** 1985; 240(3):585-91

Evaluation of nine different fixatives. 2. Preservation of IgG, IgA and secretory component in an artificial immunohistochemical test substrate. Brandtzaeg P, et al. **Histochemistry** 1984;81(3):213-9

On the chemistry of formaldehyde fixation and its effects on immunohistochemical reactions. Puchtler H, et al.
Histochemistry 1985;82(3):201-4

Simplified fixative medium for direct immunofluorescence in skin biopsies. Niedecken HW, et al.
J Am Acad Dermatol 1985 May;12(5 Pt 1):828-31

An electron microscopic study of virus fixed in phosphate-buffered formalin for extended periods. Takagi I, et al. **J Electron Microsc (Tokyo)** 1984;33(4):405-6

Immunocytochemical localization of carbonic anhydrase in the spinal cords of normal and mutant (shiverer) adult mice with comparisons among fixation methods. Cammer W, et al. **J Histochem Cytochem** 1985 Jan;33(1):45-54

The effects of different pretreatment conditions and fixation regimes on serotonin immunoreactivity: a quantitative light microscopic study. Clements JR, et al.
J Histochem Cytochem 1985 Aug;33(8):778-84

Formaldehyde fixation. Fox CH, et al.
J Histochem Cytochem 1985 Aug;33(8):845-53 (27 ref.)

Lowicryl K4M embedding of brain tissue for immunogold electron microscopy. Valentino KL, et al.
J Histochem Cytochem 1985 Sep;33(9):969-73

Influence of fixative osmolality on the morphometric determination of extracellular space in normal and reperfused ischaemic myocardium. Prickaerts JP, et al.
J Microsc 1984 Aug;135 (Pt 2):169-79

Formaldehyde and glutaraldehyde in the fixation of chromatin for electron microscopy. Sewell BT, et al.
J Microsc 1984 Oct;136 (Pt 1):103-12

Osmium tetroxide postfixation in relation to the crosslinkage and spatial organization of stereocilia in the guinea-pig cochlea. Comis SD, et al. **J Neurocytol** 1985 Feb; 14(1):113-30

Harrison's ethanol-acetic acid-formol-saline fixative (EAFS) is further improved by the incorporation of glycerol. Harrison PT, et al. **Lab Anim** 1985 Apr;19(2):152

An ethanol-acetic acid-formol saline fixative for routine use with special application to the fixation of non-perfused rat lung. Harrison PT. **Lab Anim** 1984 Oct;18(4):325-31

Fixation of Mycobacterium leprae in unstained smears prior to shipment or storage: evaluation of formaldehyde using Mycobacterium tuberculosis as indicator of efficacy. Allen BW. **Med Lab Sci** 1985 Jan;42(1):53-5

Fixation of horseradish peroxidase reaction products with ammonium molybdate. Fujii M, et al. **Neurosci Res** 1984 Apr;1(2):153-6

Evaluation of nine different fixatives. 1. Preservation of immunoglobulin isotypes, J chain, and secretory component in human tissues. Brandtzaeg P, et al.
Pathol Res Pract 1984 Nov;179(2):250-66

The influence of mode of fixation, type of fixative and vehicles on the same rat liver: a morphometric/stereologic study by light and electron microscopy. Reith A, et al. **Scan Electron Microsc** 1984;(Pt 2):645-51

Tannic acid in histology: an historical perspective. Chaplin AJ. **Stain Technol** 1985 Jul;60(4):219-31

A removable polar embedding medium for light microscopy. Frater R. **Stain Technol** 1985 Jul;60(4):189-92

[Ultrastructural features of human articular cartilage after fixation in the presence of ruthenium red] Jakubovský J, et al. **Bratisl Lek Listy** 1984 Oct;82(4):1169-79 (Eng. Abstr.) **(Slo)**

CHEMICAL SYNTHESIS

An enclosed fixative preparation system. Edwards FP, et al. **Med Lab Sci** 1984 Jul;41(3):285-7

DIAGNOSTIC USE

Glutaraldehyde fixation of sodium transport in dog red blood cells. Parker JC. **J Gen Physiol** 1984 Nov;84(5):789-803

Ultrastructural localization of nucleic acids through several cytochemical techniques on osmium-fixed tissues: comparative evaluation of the different labelings. Bendayan M, et al. **J Histochem Cytochem** 1984 Nov;32(11):1185-91

PHARMACODYNAMICS

The effect of fixation on esterases. Kirkeby S, et al.
Acta Histochem (Jena) 1984;75(2):159-63

Comparison of the levels of autofluorescence caused by fixatives in fluorescence assay on trypanosomes. Choromanski L. **J Parasitol** 1984 Dec;70(6):979-80

In vivo fixative effect of formocresol on pulpotomized deciduous teeth of dogs. Russo MC, et al.
Oral Surg Oral Med Oral Pathol 1984 Dec;58(6):706-14

FIXED ACTION PATTERN see **INSTINCT**

FK 33-824

PHARMACODYNAMICS

Effect of dopamine receptor stimulation on the inhibition of LH pulsatility by a met-enkephaline (FK 33-824). del Pozo E, et al. **Acta Neurochir (Wien)** 1985;75(1-4):88-90

Evidence for the participation of endogenous opioids in the sympathoadrenal response to hypoglycaemia in man. Bouloux PM, et al. **Clin Endocrinol (Oxf)** 1985 Jan; 22(1):49-56

Blockade of alpha 2-adrenoceptors prevents the growth hormone releasing effect of FK 33-824 in the dog. Celia SG, et al. **Horm Metab Res** 1985 Jul;17(7):379-80

Gonadal steroids deficiency and prolactin response to a met-enkephalin analog in man. Foresta C, et al.
Horm Metab Res 1985 Jun;17(6):319-20

Infantile ovariectomy potentiates the stimulatory effect of oestrogen/progesterone on LH secretion in the rat. Wilkinson M, et al. **J Endocrinol** 1985 Jul;106(1):133-9

Behavioural effects in rats of unilateral and bilateral injections of opiate receptor agonists into the globus pallidus. Dewar D, et al. **Neuroscience** 1985 May;15(1):41-6

TOXICITY

The interference of naloxone hydrochloride in the teratogenic activity of opiates. Jurand A. **Teratology** 1985 Apr;31(2):235-40

FL 1060 see **AMDINOCILLIN**

FLA 63 see under **IMIDAZOLES**

FLACCIDITY, MUSCLE see **MUSCLE HYPOTONIA**

FLAGELLA

Genetic analysis of three additional fla genes in Salmonella typhimurium. Yamaguchi S, et al. **J Gen Microbiol** 1984 Dec;130 (Pt 12):3339-42

Bacterial flagellar rotation and its chemotactic control. Berg HC. **Prog Clin Biol Res** 1984;164:215-9

The flagellum as gamete: MacCallum and the hidden link in malaria. Chernin E. **Trans R Soc Trop Med Hyg** 1984; 78(6):801-5

ANALYSIS

The axial filament antigen of Treponema pallidum. Penn CW, et al. **Immunology** 1985 Apr;54(4):635-41

DRUG EFFECTS

Bending patterns of Chlamydomonas flagella: II. Calcium effects on reactivated Chlamydomonas flagella. Omoto CK, et al. **Cell Motil** 1985;5(1):53-60

ENZYMOLOGY

ATPase and cytochrome oxidase activities at the polar organelle in swarm cells of Sphaerotilus natans: an ultrastructural study. Tauschel HD. **Arch Microbiol** 1985 May;141(4):303-8

Outer and inner dynein arms of cilia and flagella. Goodenough UW, et al. **Cell** 1985 Jun;41(2):341-2 (20 ref.)

Characterization of monoclonal antibodies against Chlamydomonas flagellar dyneins by high-resolution protein blotting. King SM, et al.
Proc Natl Acad Sci USA 1985 Jul;82(14):4717-21

IMMUNOLOGY

Lateral flagellum of Vibrio fluvialis: a species-specific antigen. Shinoda S, et al. **Can J Microbiol** 1984 Dec; 30(12):1525-9

Immunological relationships between Salmonella flagella and their potential application for salmonellae detection by immunoassay. Ibrahim GF, et al.
Med Microbiol Immunol (Berl) 1985;174(2):87-99

Demonstration of protective antigen carried by flagella of Clostridium chauvoei. Tamura Y, et al.
Microbiol Immunol 1984;28(12):1325-32

Purified flagella from Treponema phagedenis biotype Reiter does not induce protective immunity against experimental syphilis in rabbits. Hindersson P, et al. **Sex Transm Dis** 1985 Jul-Sep;12(3):124-7

METABOLISM

ATP hydrolysis coupled to microtubule sliding in sea-urchin sperm flagella. Kamimura S, et al. **J Biochem (Tokyo)** 1985 May;97(5):1509-15

A membrane potential-sensitive Na+-H+ exchange system in flagella isolated from sea urchin spermatozoa. Lee HC. **J Biol Chem** 1984 Dec 25;259(24):15315-9

Reversal of the posttranslational modification on Chlamydomonas flagellar alpha-tubulin occurs during flagellar resorption. L'Hernault SW, et al. **J Cell Biol** 1985 Feb;100(2):457-62

PHYSIOLOGY

On the contribution of dynein-like activity to twisting in a three-dimensional sliding filament model. Hines M, et al. **Biophys J** 1985 May;47(5):705-8

Digitized precision measurements of the movements of sea urchin sperm flagella. Rikmenspoel R, et al. **Biophys J** 1985 Mar;47(3):395-410

Bending patterns of chlamydomonas flagella: III. A radial spoke head deficient mutant and a central pair deficient mutant. Brokaw CJ, et al. **Cell Motil** 1985;5(3):195-208

Automated methods for estimation of sperm flagellar bending parameters. Brokaw CJ. **Cell Motil** 1984;4(6):417-30

Cilia and flagella. Takahashi K. **Cell Struct Funct** 1984 Jul; 9 Suppl:s87-90 (52 ref.)

Flagella and motility behaviour of square bacteria. Alam M, et al. **EMBO J** 1984 Dec 1;3(12):2899-903

Relationship between Na+-dependent cytoplasmic pH homeostasis and Na+-dependent flagellar rotation and amino acid transport in alkalophilic Bacillus. Sugiyama S, et al. **FEBS Lett** 1985 Mar 25;182(2):265-8

Identification of Escherichia coli region III flagellar gene products and description of two new flagellar genes. Bartlett DH, et al. **J Bacteriol** 1984 Nov;160(2):577-85

Identification of a bacterial sensing protein and effects of its elevated expression. Clegg DO, et al. **J Bacteriol** 1985 Apr;162(1):398-405

Gene sequence and predicted amino acid sequence of the motA protein, a membrane-associated protein required for flagellar rotation in Escherichia coli. Dean GE, et al.
J Bacteriol 1984 Sep;159(3):991-9

Sensory adaptation in bacterial chemotaxis: regulation of demethylation. Kehry MR, et al. **J Bacteriol** 1985 Sep;163(3):983–90

Chemotactic signaling in filamentous cells of Escherichia coli. Segall JE, et al. **J Bacteriol** 1985 Jan;161(1):51–9

Cell envelopes of chemotaxis mutants of Escherichia coli rotate their flagella counterclockwise. Szupica CJ, et al. **J Bacteriol** 1985 Apr;162(1):451–3

The voltage-sensitive Na+/H+ exchange in sea urchin spermatozoa flagellar membrane vesicles studied with an entrapped pH probe. Lee HC. **J Biol Chem** 1985 Sep 5;260(19):10794–9

Rapid changes in tubulin RNA synthesis and stability induced by deflagellation in Chlamydomonas. Baker EJ, et al. **J Cell Biol** 1984 Dec;99(6):2074–81

Basal bodies and associated structures are not required for normal flagellar motion or phototaxis in the green alga Chlorogonium elongatum. Hoops HJ, et al. **J Cell Biol** 1985 Jan;100(1):297–309

A motile Chlamydomonas flagellar mutant that lacks outer dynein arms. Mitchell DR, et al. **J Cell Biol** 1985 Apr;100(4):1228–34

Subroutines in the programme of Chlamydomonas gene expression induced by flagellar regeneration. Schloss JA. **J Embryol Exp Morphol** 1984 Nov;83 Suppl:89–101

A quantitative description of flagellar movement in golden hamster spermatozoa. Ishijima S, et al. **J Exp Biol** 1985 Jan;114:463–75

SP3: a flagellotropic bacteriophage of Bacillus subtilis. Shea TB, et al. **J Gen Virol** 1984 Nov;65 (Pt 11):2073–6

Tubulin proteins and RNA during the myxamoeba-flagellate transformation of Physarum polycephalum. Green LL, et al. **Mol Cell Biol** 1984 Sep;4(9):1706–11

Baseless flagellation [news] Hyams JS. **Nature** 1985 Apr 4–10;314(6010):401

ULTRASTRUCTURE

On the contribution of moment-bearing links to bending and twisting in a three-dimensional sliding filament model. Hines M, et al. **Biophys J** 1984 Nov;46(5):559–65

Structure of complex flagellar filaments in Rhizobium meliloti. Krupski G, et al. **J Bacteriol** 1985 Apr;162(1):361–6

Genetic analysis of autolysin-deficient and flagellaless mutants of Bacillus subtilis. Pooley HM, et al. **J Bacteriol** 1984 Dec;160(3):1123–9

Waveform analysis and structure of flagella and basal complexes from Bdellovibrio bacteriovorus 109J. Thomashow LS, et al. **J Bacteriol** 1985 Sep;163(3):1038–46

Isolation and composition of sheathed flagella from Bdellovibrio bacteriovorus 109J. Thomashow LS, et al. **J Bacteriol** 1985 Sep;163(3):1047–54

Defective temporal and spatial control of flagellar assembly in a mutant of Chlamydomonas reinhardtii with variable flagellar number. Adams GM, et al. **J Cell Biol** 1985 Mar;100(3):955–64

Modulation of the asymmetry of sea urchin sperm flagellar bending by calmodulin. Brokaw CJ, et al. **J Cell Biol** 1985 Jun;100(6):1875–83

Substructure of inner dynein arms, radial spokes, and the central pair/projection complex of cilia and flagella. Goodenough UW, et al. **J Cell Biol** 1985 Jun;100(6):2008–18

Structure of the Chlamydomonas agglutinin and related flagellar surface proteins in vitro and in situ. Goodenough UW, et al. **J Cell Biol** 1985 Sep;101(3):924–41

Localization of tektin filaments in microtubules of sea urchin sperm flagella by immunoelectron microscopy. Linck RW, et al. **J Cell Biol** 1985 Jan;100(1):126–35

A mutant of Chlamydomonas reinhardtii that lacks the flagellar outer dynein arm but can swim. Kamiya R, et al. **J Cell Sci** 1985 Mar;74:181–91

Structural heterogeneity of the axonemes of respiratory cilia and sperm flagella in normal men. Wilton LJ, et al. **J Clin Invest** 1985 Mar;75(3):825–31

High voltage electron microscopy of sperm axoneme. Baccetti B, et al. **J Submicrosc Cytol** 1985 Apr;17(2):171–6

Isolation of the flagellum and characterization of the paraxial structure of Herpetomonas megaseliae. Cunha NL, et al. **J Submicrosc Cytol** 1984 Oct;16(4):705–13

FLAGELLATA see **MASTIGOPHORA**

FLAGELLIN see under **BACTERIAL PROTEINS**

FLAIL CHEST see under **THORACIC INJURIES**

FLAME IONIZATION see under **CHROMATOGRAPHY, GAS**

FLAME RETARDANTS

Metabolism and disposition of the flame retardant plasticizer, tri-p-cresyl phosphate, in the rat. Kurebayashi H, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):395–404

ANALYSIS

[Gas chromatographic determination of trace amounts of NGZh-4 in the air of a work area] Aleksandrova LG, et al. **Gig Tr Prof Zabol** 1985 May;(5):52–3 **(Rus)**

METABOLISM

Metabolism in vitro of tris(2,3-dibromopropyl)-phosphate: oxidative debromination and bis(2,3-dibromopropyl)phosphate formation as correlates of mutagenicity and covalent protein binding. Søderlund EJ, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4017–23

TOXICITY

Comparative genotoxicity and nephrotoxicity studies of the two halogenated flame retardants tris(1,3-dichloro-2-propyl)phosphate and tris(2,3-dibromopropyl)phosphate. Søderlund EJ, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Jan;56(1):20–9

Assessment of the delayed neurotoxic potential of isopropyl triphenylphosphate using a nontraditional testing strategy. Sprague GL, et al. **J Toxicol Environ Health** 1984;14(5–6):773–88

FLAPS see **SURGICAL FLAPS**

FLATFOOT

Developmental flatfoot. D'Amico JC. **Clin Podiatry** 1984 Dec;1(3):535–46

COMPLICATIONS

Tarsal coalitions and peroneal spastic flat foot. A review. Mosier KM, et al. **J Bone Joint Surg [Am]** 1984 Sep;66(7):976–84

CONGENITAL

Congenital vertical talus. The results of staged operative reduction. Walker AP, et al. **J Bone Joint Surg [Br]** 1985 Jan;67(1):117–21

Congenital convex pes valgus. Doyle MA, et al. **J Foot Surg** 1985 Jan–Feb;24(1):40–3

DIAGNOSIS

The diagnosis of flat foot in the child. Rose GK, et al. **J Bone Joint Surg [Br]** 1985 Jan;67(1):71–8

[Pes planus in children (theoretical part)] Poul J, et al. **Acta Chir Orthop Traumatol Cech** 1985 Jun;52(3):250–5 (Eng. Abstr.) **(Cze)**

ETIOLOGY

Rupture of the posterior tibial tendon causing flat foot. Surgical treatment. Mann RA, et al. **J Bone Joint Surg [Am]** 1985 Apr;67(4):556–61

[Effect of working for many years in a standing position on the incidence of flatfoot] Politowski M, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(5):449–54 (Eng. Abstr.) **(Pol)**

RADIOGRAPHY

Computed tomography in tarsal coalition. Sarno RC, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1155–60

SURGERY

The STA operation for the pronated foot in childhood. Smith SD. **Clin Podiatry** 1984 Apr;1(1):165–73

The surgical treatment of mobile valgus flat foot in children. Chiappara P, et al. **Ital J Orthop Traumatol** 1984 Dec;10(4):469–75

The Smith STA-peg operation for hypermobile pes planovalgus in children. Lundeen RO. **J Am Podiatr Med Assoc** 1985 Apr;75(4):177–83

Surgical management of forefoot supinatus in flexible flatfoot deformity. Jacobs AM, et al. **J Foot Surg** 1984 Sep–Oct;23(5):410–9

Extraarticular subtalar arthrodesis with internal fixation. Barrasso JA, et al. **J Pediatr Orthop** 1984 Sep;4(5):555–9

Evaluation of the Kidner procedure for prehallux. Howey TD, et al. **SD J Med** 1985 Jul;38(7):21–4

[Reiter operation in the operative treatment of flatfoot] Lang G, et al. **Beitr Orthop Traumatol** 1984 Oct;31(10):511–9 (Eng. Abstr.) **(Ger)**

THERAPY

Foot and ankle deformities in arthrogryposis multiplex congenita. Guidera KJ, et al. **Clin Orthop** 1985 Apr;(194):93–8

[Flatfoot in children] Poul J. **Cesk Pediatr** 1985 May;40(5):301–2 **(Cze)**

FLATULENCE

THERAPY

Flatulence: pathophysiology and treatment. Van Ness MM, et al. **Am Fam Physician** 1985 Apr;31(4):198–208

FLATWORMS see **PLATYHELMINTHS**

FLAVIN-ADENINE DINUCLEOTIDE see **FAD**

FLAVIN MONONUCLEOTIDE see **FMN**

FLAVINS

Primary arylamine oxidation by a flavinhydroperoxide. A study of the basis for the substrate specificity of the flavoprotein monooxygenase. Doerge DR, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3615–9

Carbon-13 nuclear magnetic resonance study on the dynamics of the conformation of reduced flavin. Moonen CT, et al. **Biochemistry** 1984 Oct 9;23(21):4868–72

Reinvestigation of the structure of oxidized and reduced flavin: carbon-13 and nitrogen-15 nuclear magnetic resonance study. Moonen CT, et al. **Biochemistry** 1984 Oct 9;23(21):4859–67

Solvent accessibility to flavin in oxynitrilase. Jorns MS. **Biochim Biophys Acta** 1985 Jul 18;830(1):30–5

Stereochemical studies of a selenium-containing hydrogenase from Methanococcus vannielii: determination of the absolute configuration of C-5 chirally labeled dihydro-8-hydroxy-5-deazaflavin cofactor. Yamazaki S, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1364–6

ANALYSIS

Adsorptive stripping voltammetry of riboflavin and other flavin analogues at the static mercury drop electrode. Wang J, et al. **Anal Chem** 1985 Jan;57(1):158–62

Identification of the covalently bound flavin of dimethylglycine dehydrogenase and sarcosine dehydrogenase from rat liver mitochondria. Cook RJ, et al. **J Biol Chem** 1984 Oct 25;259(20):12475–80

BIOSYNTHESIS

[Flavin biogenesis in yeasts] Shavlovskii GM, et al. **Ukr Biokhim Zh** 1985 Jul–Aug;57(4):98–112 (80 ref.) (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

Hydroperoxyflavin-mediated oxidations of organosulfur compounds. Model studies for the flavin monooxygenase. Doerge DR, et al. **Mol Pharmacol** 1984 Sep;26(2):348–52

DIAGNOSTIC USE

4-Thioflavins as active site probes of flavoproteins. Reactions with sulfite. Biemann M, et al. **J Biol Chem** 1984 Nov 10;259(21):13355–62

METABOLISM

Inhibition by chlorpromazine of thyroxine modulation of flavin metabolism in liver, cerebrum and cerebellum. Pinto J, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):93–5

Flavocytochromes c: transient kinetics of photoreduction by flavin analogues. Cusanovich MA, et al. **Biochemistry** 1985 Mar 12;24(6):1281–7

Factor 390 chromophores: phosphodiester between AMP or GMP and methanogen factor 420. Hausinger RP, et al. **Biochemistry** 1985 Mar 26;24(7):1629–33

Properties and catalytic function of the two nonequivalent flavins in sarcosine oxidase. Jorns MS. **Biochemistry** 1985 Jun 18;24(13):3189–94

Loss of rat liver microsomal cytochrome P-450 during methimazole metabolism. Role of flavin-containing monooxygenase. Kedderis GL, et al. **Drug Metab Dispos** 1985 Jan–Feb;13(1):58–61

On the mechanism of flavin modification during inactivation of flavocytochrome b2 from baker's yeast by acetylenic substrates. Pompon D, et al. **Eur J Biochem** 1985 Apr 1;148(1):145–54

8-Azidoflavins as photoaffinity labels for flavoproteins. Fitzpatrick PF, et al. **J Biol Chem** 1985 Jul 15;260(14):8483–91

Kinetics of reduction of Clostridium pasteurianum rubredoxin by laser photoreduced spinach ferredoxin:NADP+ reductase and free flavins. Electron transfer within a protein-protein complex. Przysiecki CT, et al. **J Biol Chem** 1985 Feb 10;260(3):1452–8

A metabolite of riboflavin binds to the 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) receptor. Kurl RN, et al. **Pharmacology** 1985;30(5):241–4

[The reaction mechanism of D-amino acid oxidase, with special reference to the studies with substrate analogs] Miura R, et al. **Seikagaku** 1985 Feb;57(2):103–16 (104 ref.) **(Jpn)**

PHARMACODYNAMICS

Flavin-dependent hydroxylases. Müller F. **Biochem Soc Trans** 1985 Apr;13(2):443–7

Mechanism of action of methanol oxidase, reconstitution of methanol oxidase with 5-deazaflavin, and inactivation of methanol oxidase by cyclopropanol. Sherry B, et al. **Biochemistry** 1985 May 21;24(11):2594–605

Antihypertensive effect of riboflavin analogues in spontaneously hypertensive rats. Trachewsky D, et al. **J Lab Clin Med** 1985 Aug;106(2):223–8

PHYSIOLOGY

Metabolic oxidation of carcinogenic arylamines by rat, dog, and human hepatic microsomes and by purified flavin-containing and cytochrome P-450 monooxygenases. Hammons GJ, et al. **Cancer Res** 1985 Aug;45(8):3578–85

Bluelight-induced, flavin-mediated transport of redox equivalents across artificial bilayer membranes. Schmidt W. **J Membr Biol** 1984;82(2):113–22

Riboflavin requirement for growth, tissue saturation and maximal flavin–dependent enzyme activity in young rainbow trout (Salmo gairdneri) at two temperatures. Woodward B. **J Nutr** 1985 Jan;115(1):78–84

URINE

Urinary lumichrome–level catabolites of riboflavin are due to microbial and photochemical events and not rat tissue enzymatic cleavage of the ribityl chain. Oka M, et al. **J Nutr** 1985 Apr;115(4):496–9

FLAVIVIRUSES

ANALYSIS

Separation of flavivirus membrane and capsid proteins by multistep high–performance liquid chromatography optimized by immunological monitoring. Winkler G, et al. **J Chromatogr** 1985 Jun 19;326:113–9

Peptide mapping of envelope–related glycoproteins specified by the flaviviruses Kunjin and West Nile. Wright PJ, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):597–601

Purification of the structural and nonstructural proteins of St. Louis encephalitis virus. Vorndam AV, et al. **J Virol Methods** 1984 Dec;9(4):283–91

[Comparative analysis of the electrophoretic mobility of the high–molecular virus–specific proteins of flaviviruses] Liapustin VN, et al. **Vopr Virusol** 1984 Nov–Dec; 29(6):740–6 (Eng. Abstr.) **(Rus)**

GENETICS

Comparison of dengue viruses and some other flaviviruses by cDNA–RNA hybridization analysis and detection of a close relationship between dengue virus serotype 2 and Edge Hill virus. Blok J, et al. **J Gen Virol** 1984 Dec;65 (Pt 12):2173–81

Replication strategy of Kunjin virus: evidence for recycling role of replicative form RNA as template in semiconservative and asymmetric replication. Chu PW, et al. **Virology** 1985 Jan 15;140(1):68–79

Gene order of translation of the flavivirus Kunjin: further evidence of internal initiation in vivo. Westaway EG, et al. **Virus Res** 1984;1(4):333–50

IMMUNOLOGY

Virus–induced decrease in the activity of serum blocking factor(s): a mechanism of activation of the autoreactive T effectors in graft versus host reaction and of controlling T suppressors. Khozinsky VV, et al. **Acta Virol (Praha)** 1985 Jan;29(1):35–43

Examination of the immunological relationships between flaviviruses using yellow fever virus monoclonal antibodies. Gould EA, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1369–82

Antibody–dependent enhancement of tick–borne encephalitis virus infectivity. Phillpotts RJ, et al. **J Gen Virol** 1985 Aug; 66 (Pt 8):1831–7

Arthropod–borne virus zoonosis surveillance in the Cape Province: 1. Prospective serological investigations for virus activity in the Beaufort West and Middelburg Districts during 1981. van der Riet FD, et al. **J S Afr Vet Assoc** 1985 Mar;56(1):25–9

Antigenic analysis of flaviviruses with monoclonal antibodies against Negishi virus. Furuta I, et al. **Microbiol Immunol** 1984;28(9):1023–30

[Prevalence of antibodies against St. Louis encephalitis virus in various marine birds from Panama] Montgomery GG, et al. **Rev Med Panama** 1984 Sep;9(3):212–21 (Eng. Abstr.) **(Spa)**

ISOLATION & PURIFICATION

The isolation of arboviruses including a new flavivirus and a new Bunyavirus from Ixodes (Ceratixodes) uriae (Ixodoidea: Ixodidae) collected at Macquarie Island, Australia, 1975–1979. St. George TD, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):406–12

The isolation of Meaban virus, a new Flavivirus from the seabird tick Ornithodoros (Alectorobius) maritimus in France. Chastel C, et al. **Arch Virol** 1985;83(3–4):129–40

Isolation of St. Louis encephalitis virus from adult Dermacentor variabilis (Acari: Ixodidae). McLean RG, et al. **J Med Entomol** 1985 Mar 22;22(2):232–3

Modoc–like virus isolated from wild deer mice (Peromyscus maniculatus) in Alberta. Zarnke RL, et al. **J Wildl Dis** 1985 Apr;21(2):94–9

[Biological studies of St. Louis encephalitis virus in Majé, Bayano] Dutary BE, et al. **Rev Med Panama** 1984 Sep; 9(3):200–11 (Eng. Abstr.) **(Spa)**

PATHOGENICITY

Comparative susceptibility of five species of Toxorhynchites mosquitoes to parenteral infection with dengue and other flaviviruses. Rosen L, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):805–9

FLAVOBACTERIUM

CLASSIFICATION

[Nonfermenting gram–negative bacteria––flavobacteria] Shenderov BA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Jul;(7):85–90 (35 ref.) **(Rus)**

ENZYMOLOGY

Biochemical properties of beta–lactamase produced by Flavobacterium odoratum. Sato K, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):612–4

Flavobacterium heparinum 3–O–sulphatase for N–substituted glucosamine 3–O–sulphate. Bruce JS, et al. **Eur J Biochem** 1985 Apr 15;148(2):359–65

Flavobacterium heparinum 2–O–sulphatase for 2–O–sulphato–delta 4,5–glycuronate–terminated oligosaccharides from heparin. McLean MW, et al. **Eur J Biochem** 1984 Dec 17;145(3):607–15

Purification and properties of creatinine iminohydrolase from Flavobacterium filamentosum. Esders TW, et al. **J Biol Chem** 1985 Apr 10;260(7):3915–22

Purification and characterization of heparinase from Flavobacterium heparinum. Yang VC, et al. **J Biol Chem** 1985 Feb 10;260(3):1849–57

Vitamin B6 biosynthesis and glycolate reductase in Flavobacterium sp. 238–7. Tani Y, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Oct;30(5):415–20

Biological activities of partially purified elastase produced by Flavobacterium meningosepticum. Miyazaki S. **Microbiol Immunol** 1984;28(10):1083–92

GENETICS

Use of a synthetic oligonucleotide to identify a chromosomal gene for chloramphenicol acetyltransferase in a plasmid–bearing Flavobacterium. Beschle HG, et al. **J Gen Microbiol** 1984 Dec;130 (Pt 12):3335–8

ISOLATION & PURIFICATION

Flavobacterium meningitis [letter] Sharma S, et al. **Indian Pediatr** 1984 Jul;21(7):582

METABOLISM

Purification and partial characterization of Flavotoxin A. Hu WJ, et al. **Appl Environ Microbiol** 1984 Oct;48(4):690–3

Determination of the concentration of maltose– and starch–like compounds in drinking water by growth measurements with a well–defined strain of a Flavobacterium species. van der Kooij D, et al. **Appl Environ Microbiol** 1985 Apr;49(4):765–71

Structure and synthesis of WB–3559 A, B, C and D, new fibrinolytic agents isolated from Flavobacterium sp. Uchida I, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):424–7

Empedopeptin (BMY–28117), a new depsipeptide antibiotic. I. Production, isolation and properties. Konishi M, et al. **J Antibiot (Tokyo)** 1984 Sep;37(9):949–57

Isolation of chitinovorin D. Shoji J, et al. **J Antibiot (Tokyo)** 1985 Apr;38(4):538–40

Chitinovorins A, B and C, novel beta–lactam antibiotics of bacterial origin. Shoji J, et al. **J Antibiot (Tokyo)** 1984 Nov; 37(11):1486–90

FLAVODOXIN see under **FLAVOPROTEINS**

FLAVONES

Stimulation of clover root hair infection by lectin–binding oligosaccharides from the capsular and extracellular polysaccharides of Rhizobium trifolii. Abe M, et al. **J Bacteriol** 1984 Nov;160(2):517–20

[Effect of puerarin and analogues of daidzein on adrenoceptors] Feng YP, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):238–41 (Eng. Abstr.) **(Chi)**

ADMINISTRATION & DOSAGE

[Possibilities of influencing the hepatotoxicity of chemotherapeutics by the use of silymarin] Bartoň P, et al. **Cas Lek Cesk** 1985 Feb 8;124(6):173–5 (Eng. Abstr.) **(Cze)**

[Improvement of the hepatoprotective effect of silymarin when administered by injection] Režábek K, et al. **Cas Lek Cesk** 1985 Feb 8;124(6):170–2 (Eng. Abstr.) **(Cze)**

ANALYSIS

Analysis of 2–phenyl–chromon derivatives and chlorogenic acid. II. High–performance thin layer chromatography and high–performance liquid chromatography in flowers, leaves and buds extractives of Crataegus oxyacantha L. Ficarra P, et al. **Farmaco [Prat]** 1984 Oct;39(10):342–54

[Comparison between 3 different methods for the evaluation of Helianthemum squamatum L. (Pers.) (Cistaceae) flavonols] Villar A, et al. **Ann Pharm Fr** 1984;42(4):349–51 (Eng. Abstr.) **(Fre)**

[Studies on the constituents of Scutellaria species. VI. On the flavonoid constituents of the root of Scutellaria baicalensis Georgi (5). Quantitative analysis of flavonoids in Scutellaria roots by high–performance liquid chromatography] Tomimori T, et al. **Yakugaku Zasshi** 1985 Feb;105(2):148–55 (Eng. Abstr.) **(Jpn)**

BIOSYNTHESIS

Enzymatic synthesis of polymethylated flavonols in Chrysosplenium americanum. I. Partial purification and some properties of S–adenosyl–L–methionine:flavonol 3–, 6–, 7–, and 4'–O–methyltransferases. De Luca V, et al. **Arch Biochem Biophys** 1985 May 1;238(2):596–605

Enzymatic synthesis of polymethylated flavonols in Chrysosplenium americanum. II. Substrate interaction and product inhibition studies of flavonol 3–, 6–, and 4'–O–methyltransferases. De Luca V, et al. **Arch Biochem Biophys** 1985 May 1;238(2):606–18

Effect of bile acids on formation of the mutagen, quercetin, from two flavonol glycoside precursors by human gut bacterial preparations. Mader JA, et al. **Mutat Res** 1985 Mar;155(3):99–104

CHEMICAL SYNTHESIS

Synthesis of hypolipidemic silybin analog 3',4'–ethylenedioxyflavonoids. Litkei GY, et al. **Pharmazie** 1984 Nov;39(11):741–4

[Thiophene as a structural element of physiologically active substances. 13. Thiophene analogs of antiviral flavanes] Binder D, et al. **Arch Pharm (Weinheim)** 1985 Jan; 318(1):70–8 (Eng. Abstr.) **(Ger)**

[Synthesis of flavones cytotoxic against L1210 cells] Ryu SH, et al. **Arch Pharm (Weinheim)** 1985 Jul;318(7):659–61 **(Ger)**

DIAGNOSTIC USE

Fluorescence reaction of leukocyte granules by morin. Stockert JC, et al. **Acta Histochem [Suppl] (Jena)** 1985; 31:243–52

ISOLATION & PURIFICATION

Studies on antihemorrhagic substances in herbs classified as hemostatics in Chinese medicine. V. On antihemorrhagic principle in Biota orientalis (L.) Endl. Kosuge T, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):206–9

A flavone with antiinflammatory activity from the roots of Rhus undulata. Fourie TG, et al. **J Nat Prod** 1984 Nov–Dec;47(6):1057–8

6–Methoxylated and C–glycosyl flavonoids from Centaurea species. Oksüz S, et al. **J Nat Prod** 1984 Sep–Oct; 47(5):902–3

Flavonol glycosides from Dryas octopetala. Servettaz O, et al. **J Nat Prod** 1984 Sep–Oct;47(5):809–14

[The chemical constituents of Artemisia species (III). Isolation and identification of the lipophilic constituents from Artemisia argyi] Wu CM. **Chung Yao Tung Pao** 1985 Jan;10(1):31–2 **(Chi)**

[Studies on the active constituents of Filifolium sibiricum (L) Kitam] Wang D. **Yao Hsueh Hsueh Pao** 1984 Jun; 19(6):441–4 (Eng. Abstr.) **(Chi)**

[Studies on the constituents of Scutellaria species. III. On the flavonoid constituents of the root of Scutellaria baicalensis Georgi (3)] Tomimori T, et al. **Yakugaku Zasshi** 1984 May;104(5):524–8 (Eng. Abstr.) **(Jpn)**

[Studies on the constituents of Scutellaria species. IV. On the flavonoid constituents of the root of Scutellaria baicalensis Georgi (4)] Tomimori T, et al. **Yakugaku Zasshi** 1984 May;104(5):529–34 (Eng. Abstr.) **(Jpn)**

METABOLISM

Pharmacokinetic studies with silymarin in human serum and bile. Lorenz D, et al. **Methods Find Exp Clin Pharmacol** 1984 Oct;6(10):655–61

Effect of bile acids on formation of the mutagen, quercetin, from two flavonol glycoside precursors by human gut bacterial preparations. Mader JA, et al. **Mutat Res** 1985 Mar;155(3):99–104

PHARMACODYNAMICS

Combined antiviral effects of flavonoids and 5–ethyl–2'–deoxyuridine on the multiplication of herpesviruses. Mucsi I. **Acta Virol (Praha)** 1984 Sep; 28(5):395–400

Kinetics of the inhibitory effect of flavonoids on histamine secretion from mast cells. Bronner C, et al. **Agents Actions** 1985 Apr;16(3–4):147–51

Histidine decarboxylase inhibition: a novel approach towards the development of an effective and safe gastric anti–ulcer drug. Parmar NS, et al. **Agents Actions** 1984 Dec; 15(5–6):494–9 (60 ref.)

The gastric antisecretory activity of 3–methoxy–5,7,3'4'–tetrahydroxyflavan (ME)––a specific histidine decarboxylase inhibitor in rats. Parmar NS, et al. **Agents Actions** 1984 Oct;15(3–4):143–5

Aldose reductase inhibitors: flavonoids, alkaloids, acetophenones, benzophenones, and spirohydantoins of chroman. Nakai N, et al. **Arch Biochem Biophys** 1985 Jun; 239(2):491–6

Inhibition of cytochrome P–450 activity in rat liver microsomes by the naturally occurring flavonoid, quercetin. Sousa RL, et al. **Arch Biochem Biophys** 1985 Jul;240(1):345–57

Mechanism of flavoxate antispasmodic activity comparative in vitro studies. Cazzulani P, et al. **Arch Int Pharmacodyn Ther** 1985 Apr;274(2):189-200

The effect of flavone treatment on human otosclerotic ossicle organ cultures. Sziklai I, et al. **Arch Otorhinolaryngol** 1985; 242(1):67-70

Tyrosine protein kinase activity in the DMBA-induced rat mammary tumor: inhibition by quercetin. Levy J, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1227-33

Inhibition of phosphorylase kinase, and tyrosine protein kinase activities by quercetin. Srivastava AK. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):1-5

Inhibitory effect of the flavonoid silymarin on the erythrocyte hemolysis induced by phenylhydrazine. Valenzuela A, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):712-8

Actions of flavonoids and the novel anti-inflammatory flavone, hypolaetin-8-glucoside, on prostaglandin biosynthesis and inactivation. Alcaraz MJ, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2477-82

Differential induction of cytochrome P-450-dependent monooxygenase, epoxide hydrolase, glutathione transferase and UDP glucuronosyl transferase activities in the liver of the rainbow trout by beta-naphthoflavone or Clophen A50. Andersson T, et al. **Biochem Pharmacol** 1985 Sep 15; 34(18):3309-14

Hexachlorobenzene-induced porphyria in Japanese quail. Effect of pretreatment with phenobarbital or beta-naphthoflavone. Carpenter HM, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3875-81

Oxidation and glucuronidation of valproic acid in male rats--influence of phenobarbital, 3-methylcholanthrene, beta-naphthoflavone and clofibrate. Heinemeyer G, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):133-9

Inhibition of in vitro microsomal lipid peroxidation by isoflavonoids. Jha HC, et al. **Biochem Pharmacol** 1985 May 1;34(9):1367-9

Effects of phenobarbitone and beta-naphthoflavone on hepatic microsomal drug metabolising enzymes of the male beagle dog. McKillop D. **Biochem Pharmacol** 1985 Sep 1; 34(17):3137-42

Flavonoid inhibition of human basophil histamine release stimulated by various agents. Middleton E Jr, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3333-8

Inhibition by flavonoids of RNA synthesis in permeable WI-38 cells and of transcription by RNA polymerase II. Nose K. **Biochem Pharmacol** 1984 Dec 1;33(23):3823-7

Altered induction response of hepatic cytochrome P-450 to phenobarbital, 3-methylcholanthrene, and beta-naphthoflavone in organotin-treated animals. Rosenberg DW, et al. **Biochem Pharmacol** 1985 Apr 1; 34(7):997-1005

Silymarin protection against hepatic lipid peroxidation induced by acute ethanol intoxication in the rat. Valenzuela A, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2209-12

Benzo[a]pyrene-hydroxylase catalyzed by purified isozymes of cytochrome P-450 from beta-naphthoflavone-fed rainbow trout. Williams DE, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3743-53

Interference of some flavonoids and non-steroidal anti-inflammatory drugs with oxidative metabolism of arachidonic acid by human platelets and neutrophils. Corvazier E, et al. **Biochim Biophys Acta** 1985 Jul 9; 835(2):315-21

Purification of hepatic microsomal cytochromes P-450 from beta-naphthoflavone-treated Atlantic cod (Gadus morhua), a marine teleost fish. Goksøyr A. **Biochim Biophys Acta** 1985 Jul 5;840(3):409-17

Differential effects of 7,8-benzoflavone on polycyclic aromatic hydrocarbon dependent mutagenesis and cytotoxicity in a keratinocyte cell-mediated mutation assay. Reiners JJ Jr. **Cancer Lett** 1985 Mar;26(2):215-20

Effects of ellipticine, flavone, and 7,8-benzoflavone upon 7,12-dimethylbenz[a]anthracene, 7,14-dimethyldibenzo[a,h]anthracene and dibenzo[a,h]anthracene initiated skin tumors in mice. Alworth WL, et al. **Carcinogenesis** 1985 Apr;6(4):487-93

Effect of ellagic acid and hydroxylated flavonoids on the tumorigenicity of benzo[a]pyrene and (+/-)-7 beta, 8 alpha-dihydroxy-9 alpha, 10 alpha-epoxy-7,8,9,10-tetrahydrobenzo[a]pyrene on mouse skin and in the newborn mouse. Chang RL, et al. **Carcinogenesis** 1985 Aug;6(8):1127-33

Inhibition of aflatoxin B1-hepatocarcinogenesis in rats by beta-naphthoflavone. Gurtoo HL, et al. **Carcinogenesis** 1985 May;6(5):675-8

Inhibition by quercetin of the release of density dependent-inhibition of cell growth in RSV-transformed chicken cells. Jullien M, et al. **Cell Biol Int Rep** 1984 Nov; 8(11):939-47

Inhibition of virus multiplication and alteration of cyclic AMP level in cell cultures by flavonoids. Mucsi I, et al. **Experientia** 1985 Jul 15;41(7):930-1

Protective effect of the flavonoid silybin dihemisuccinate on the toxicity of phenylhydrazine on rat liver. Valenzuela A, et al. **FEBS Lett** 1985 Feb 25;181(2):291-4

Inhibition of neutrophil phospholipase A2 by p-bromophenylacyl bromide, nordihydroguaiaretic acid, 5,8,11,14-eicosatetraynoic acid and quercetin. Lanni C, et al. **Int Arch Allergy Appl Immunol** 1985;76(3):214-7

Naturally occurring flavonoids and human basophil histamine release. Middleton E Jr, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):155-7

Effect of dichloroflavan (BW683C) on the stability and uncoating of rhinovirus type 1B. Tisdale M, et al. **J Antimicrob Chemother** 1984 Aug;14 Suppl A:97-105

Calcium releasing action of quercetin on sarcoplasmic reticulum from frog skeletal muscle. Kurebayashi N, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1249-55

Stereoselective metabolism of conformational analogues of warfarin by beta-naphthoflavone-inducible cytochrome P-450. Heimark LD, et al. **J Med Chem** 1985 Apr; 28(4):503-6

Antiviral effect of flavonoids on human viruses. Kaul TN, et al. **J Med Virol** 1985 Jan;15(1):71-9

Effect of quercetin on tension development by skinned fibres from frog skeletal muscle. Kurebayashi N, et al. **J Muscle Res Cell Motil** 1985 Apr;6(2):189-95

Interaction between quercetin and superoxide radicals. Reduction of the quercetin mutagenicity. Ueno I, et al. **J Pharmacobiodyn** 1984 Nov;7(11):798-803

A comparison of the effects of hexachlorobenzene, beta-naphthoflavone, and phenobarbital on cytochrome P-450 and mixed-function oxidases in Japanese quail. Carpenter HM, et al. **J Toxicol Environ Health** 1985; 15(1):93-108

Influence of silymarin and some flavonoids on lipid peroxidation in human platelets. Koch HP, et al. **Methods Find Exp Clin Pharmacol** 1985 Jan;7(1):13-8

Variations among untreated rabbits in benzo(a)pyrene metabolism and its modulation by 7,8-benzoflavone. Raucy JL, et al. **Mol Pharmacol** 1985 Feb;27(2):296-301

Differential enhancement of sister-chromatid exchange frequencies by alpha-naphthoflavone in cultured lymphocytes from smokers and non-smokers. Lundgren K, et al. **Mutat Res** 1985 Jul;143(3):131-5

Effects of quercetin and butylated hydroxytoluene on cigarette smoke inhalation toxicity in Syrian golden hamsters. Harada T, et al. **Nippon Juigaku Zasshi** 1984 Aug; 46(4):527-32

Studies on Scutellariae radix. IX. New component inhibiting lipid peroxidation in rat liver. Kimura Y, et al. **Planta Med** 1984 Aug;50(4):290-5

Plant antiviral agents; V. 3-Methoxyflavones as potent inhibitors of viral-induced block of cell synthesis. Van Hoof L, et al. **Planta Med** 1984 Dec;50(6):513-7

Antiaggregatory effects of flavonoids in vivo and their influence on lipoxygenase and cyclooxygenase in vitro. Swies J, et al. **Pol J Pharmacol Pharm** 1984 Sep-Oct; 36(5):455-63

Induction of cytoplasmic aldehyde dehydrogenases in rat tissues by carcinogenic and non-carcinogenic xenobiotics. Koivusalo M, et al. **Prog Clin Biol Res** 1985;174:101-12

Reduction of caffeine teratogenicity in mice by inducing maternal drug metabolism with beta-naphthoflavone. York RG, et al. **Teratology** 1985 Apr;31(2):217-25

Influence of environmental temperature on the induction of xenobiotic metabolism by beta-naphthoflavone in rainbow trout, Salmo gairdneri. Andersson T, et al. **Toxicol Appl Pharmacol** 1985 Aug;80(1):45-50

Effect of promethazine and isosafrole on rat-hepatic microsomal mono-oxygenase activity: comparison with classic inducers phenobarbitone and beta-naphthoflavone. Taylor G, et al. **Xenobiotica** 1985 Mar;15(3):243-9

[Effect of puerarin and analogues of daidzein on adrenoceptors] Feng YP, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):238-41 (Eng. Abstr.) **(Chi)**

[Effect of puerarin and analogues of daidzein on adrenoceptors] Feng YP, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):238-41 (Eng. Abstr.) **(Chi)**

[Anti-arrhythmic action of total flavones of Choerospondias axillaris fructus] Li ZX, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):251-4 (Eng. Abstr.) **(Chi)**

[Anti-arrhythmic action of total flavones of Choerospondias axillaris fructus] Li ZX, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):251-4 (Eng. Abstr.) **(Chi)**

[Catechins and flavanolic oligomers from Cupressus sempervirens L. Comparative in vitro elastase inhibitory and in vivo angioprotective activity] Jonadet M, et al. **Ann Pharm Fr** 1984;42(2):161-7 (Eng. Abstr.) **(Fre)**

[Interaction in the antibacterial activity of flavonoids from Sophora japonica L. to Propionibacterium] Kimura M, et al. **Yakugaku Zasshi** 1984 Apr;104(4):340-6 (Eng. Abstr.) **(Jpn)**

[The effect of silymarin on lipids in the blood and liver in steatosis] Uličná O, et al. **Vnitr Lek** 1985 Jan;31(1):15-9 (Eng. Abstr.) **(Slo)**

THERAPEUTIC USE

Antihepatoxic constituents of Garcinia kola seeds. Iwu MM. **Experientia** 1985 May 15;41(5):699-700

Influence of 3-methoxy 5,7,3',4'-tetrahydroxyflavan (ME) on experimental periodontitis in the golden hamster. Gineste M, et al. **J Biol Buccale** 1984 Sep;12(3):259-65

[Results of tests of the hepatoprotective effect of silymarin in experimental animals] Siblíková O, et al. **Cas Lek Cesk** 1985 Feb 8;124(6):165-9 (Eng. Abstr.) **(Cze)**

[Plethysmographic and pharmacokinetic study of a venotropic drug: disodium flavodate] Schmidt C, et al. **Therapie** 1985 Jul-Aug;40(4):221-4 (Eng. Abstr.) **(Fre)**

[Effect of silymarin in intrahepatic cholestasis of pregnancy (preliminary communication)] Hernández R, et al. **Rev Chil Obstet Ginecol** 1982;47(1):22-9 (Eng. Abstr.) **(Spa)**

TOXICITY

Factors which facilitate inactivation of quercetin mutagenicity. Friedman M, et al. **Adv Exp Med Biol** 1984; 177:527-44

Genetic and carcinogenic effects of plant flavonoids: an overview. MacGregor JT. **Adv Exp Med Biol** 1984; 177:497-526 (90 ref.)

Absence of initiating activity by quercetin in the rat liver. Kato K, et al. **Ecotoxicol Environ Safety** 1985 Aug; 10(1):63-9

Quercetin: a mutagen, not a carcinogen, in Fischer rats. Stoewsand GS, et al. **J Toxicol Environ Health** 1984; 14(2-3):105-14

Lack of promotive effect of quercetin on methylazoxymethanol acetate carcinogenesis in rats. Kato K, et al. **J Toxicol Sci** 1984 Nov;9(4):319-25

Factors affecting the mutagenic activity of quercetin for Salmonella typhimurium TA98: metal ions, antioxidants and pH. Hatcher JF, et al. **Mutat Res** 1985 Jan-Feb; 148(1-2):13-23

Superoxide dismutase acts as an enhancing factor for quercetin mutagenesis in rat-liver cytosol by preventing its decomposition. Ochiai M, et al. **Mutat Res** 1984 Oct; 129(1):19-24

The effect of quercetin on the mutagenicity of 2-acetylaminofluorene and benzo[alpha]pyrene in Salmonella typhimurium strains. Ogawa S, et al. **Mutat Res** 1985 Mar;142(3):103-7

[Mutagenesis of efloxate tested in vitro and in vivo] Veronese M, et al. **Boll Chim Farm** 1985 Mar;124(3):124-30 (Eng. Abstr.) **(Ita)**

FLAVOPROTEINS

Electron transfer between flavodoxin semiquinone and c-type cytochromes: correlations between electrostatically corrected rate constants, redox potentials, and surface topologies. Tollin G, et al. **Biochemistry** 1984 Dec 18; 23(26):6345-9

Contribution of different enzymes to flavoprotein fluorescence of isolated rat liver mitochondria. Kunz WS, et al. **Biochim Biophys Acta** 1985 Sep 6;841(3):237-46

ANALYSIS

Demonstration of respiratory pigments in clonal insulin-producing beta-cells. Grapengiesser E, et al. **Biomed Biochim Acta** 1985;44(1):49-54

Localization and identification of covalently bound flavoproteins in rat liver mitochondria by prelabeling of their flavin moiety. Sato M, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):553-62

BIOSYNTHESIS

Covalent attachment of flavin to flavoproteins: occurrence, assay, and synthesis. Singer TP, et al. **Methods Enzymol** 1984;106:369-78

GENETICS

Nucleotide sequence of the pyrD gene of Escherichia coli and characterization of the flavoprotein dihydroorotate dehydrogenase. Larsen JN, et al. **Eur J Biochem** 1985 Aug 15;151(1):59-65

METABOLISM

A cytosolic flavin-containing enzyme catalyzing reduction of cytochrome c in Trypanosoma cruzi: kinetic studies with cytochrome c as substrate. Kuwahara T, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):45-9

Proton NMR study of the cytochrome c:flavodoxin electron transfer complex. Hazzard JT, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1281-6

A modified flavodoxin with altered redox potentials is less efficient in electron transfer to nitrogenase. Hofstetter W, et al. **Biochem Biophys Res Commun** 1985 Apr 30; 128(2):643-9

The influence of oxidation-reduction state on the kinetic stability of pig kidney general acyl-CoA dehydrogenase and other flavoproteins. Madden M, et al. **Biochem J** 1984 Dec 1;224(2):577-80

Electron-spin-resonance studies on flavoenzymes. Edmondson DE. **Biochem Soc Trans** 1985 Jun; 13(3):593-600

Carbon-13 and nitrogen-15 nuclear-magnetic-resonance investigation on Desulfovibrio vulgaris flavodoxin. Vervoort J, et al. **Eur J Biochem** 1985 Aug 15;151(1):49-57

Partial purification and characterization of glutaryl-coenzyme A dehydrogenase, electron transfer flavoprotein, and electron transfer flavoprotein-Q oxidoreductase from Paracoccus denitrificans. Husain M, et al. **J Bacteriol** 1985 Aug;163(2):709-15

4-Thioflavins as active site probes of flavoproteins. Reactions with sulfite. Biemann M, et al. **J Biol Chem** 1984 Nov 10; 259(21):13355-62

Complex formation between flavodoxin and cytochrome c.

Cross-linking studies. Dickerson JL, et al. **J Biol Chem** 1985 Apr 25;260(8):5175-8

8-Azidoflavins as photoaffinity labels for flavoproteins. Fitzpatrick PF, et al. **J Biol Chem** 1985 Jul 15; 260(14):8483-91

Spectroscopic studies of pyruvate oxidase flavoprotein from Escherichia coli trapped in the lipid-activated form by cross-linking. Mather MW, et al. **J Biol Chem** 1985 Sep 5;260(19):10395-7

Electrostatic interactions during electron transfer reactions between c-type cytochromes and flavodoxin. Weber PC, et al. **J Biol Chem** 1985 May 10;260(9):5568-73

PHYSIOLOGY

Deficiency of electron transfer flavoprotein or electron transfer flavoprotein:ubiquinone oxidoreductase in glutaric acidemia type II fibroblasts. Frerman FE, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4517-20

FLAVORING AGENTS

ANALYSIS

Quantitative analysis of alpha, beta-thujone, pulegone, safrole, coumarin and beta-asarone in alcoholic beverages by selected-ion monitoring. Galli CL, et al. **J Appl Toxicol** 1984 Oct;4(5):273-6

METABOLISM

Identification of urinary 3-ethoxy-4-hydroxybenzoic and 3-ethoxy-4-hydroxymandelic acids after dietary intake of ethyl vanillin. Mamer OA, et al. **Biomed Mass Spectrom** 1985 Apr;12(4):163-9

Metabolism of anethole. I. Pathways of metabolism in the rat and mouse. Sangster SA, et al. **Food Chem Toxicol** 1984 Sep;22(9):695-706

Metabolism of anethole. II. Influence of dose size on the route of metabolism of trans-anethole in the rat and mouse. Sangster SA, et al. **Food Chem Toxicol** 1984 Sep; 22(9):707-13

POISONING

Candy flavoring as a source of salicylate poisoning. Howrie DL, et al. **Pediatrics** 1985 May;75(5):869-71

TOXICITY

Mutagenic investigation of flavourings: dimethyl succinate, ethyl pyruvate and aconitic acid are negative in the Salmonella/mammalian-microsome test. Andersen PH, et al. **Food Addit Contam** 1984 Jul-Sep;1(3):283-8

Influence of dose and sex on the disposition and hepatic effects of cinnamyl anthranilate in the B6C3F1 mouse. Caldwell J, et al. **Food Chem Toxicol** 1985 Jun;23(6):559-66

Mutagenic investigation of peppermint oil in the Salmonella/mammalian-microsome test. Andersen PH, et al. **Mutat Res** 1984 Oct;138(1):17-20

Investigation of the mutagenicity of ethylphenylglycidate. Tilch C, et al. **Mutat Res** 1984 Oct;138(1):1-8

[Mutagenicity of meat flavorings with natural and/or nature-identical flavorings] Scheutwinkel-Reich M, et al. **Z Lebensm Unters Forsch** 1985 Mar;180(3):207-10 (Eng. Abstr.) **(Ger)**

FLAVOXATE see under **FLAVONES**

FLEAS

Fleas on roof rats in six areas of Los Angeles County, California: their potential role in the transmission of plague and murine typhus to humans. Schwan TG, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):372-9

Papular urticaria and immune complexes [letter] Alexander JO. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):374-5

Tungiasis. Armin AR, et al. **J Am Podiatr Med Assoc** 1985 Jun;75(6):325-7

Acupuncture for fleabite allergic dermatitis [letter] Craige JE. **J Am Vet Med Assoc** 1985 Jul 15;187(2):127

Double-blind flea hyposensitization trial in cats. Kunkle GA, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):677-80

Fleas from erstwhile plague endemic areas of south India and their susceptibility to organochlorine insecticides. Saxena VK, et al. **J Commun Dis** 1985 Mar;17(1):22-8

Evaluation of commercial and experimental repellents against Xenopsylla cheopis (Siphonaptera: Pulicidae). Mehr ZA, et al. **J Med Entomol** 1984 Nov 29;21(6):665-9

Sequential sampling to determine the minimum number of host examinations required to provide a reliable flea (Siphonaptera) index. Schwan TG. **J Med Entomol** 1984 Nov 29;21(6):670-4

The prevalence of sand flea (Tunga penetrans) among primary and post-primary school pupils in Choba area of the Niger Delta. Arene FO. **Public Health** 1984 Sep; 98(5):282-3

Lesions of experimental flea bite hypersensitivity in the dog. Gross TL, et al. **Vet Pathol** 1985 Jan;22(1):78-81

[Resistance of Madagascan plague fleas to organochlorine, organophosphorus insecticides and carbamates] Coulanges P, et al. **Arch Inst Pasteur Madagascar** 1984;51(1):253-60 **(Fre)**

[Exceptional resistance of Malagasy plague-transmitting fleas to insecticides] Coulanges P, et al. **Bull Soc Pathol Exot Filiales** 1984;77(5):705-11 (Eng. Abstr.) **(Fre)**

[Fleas (Siphonaptera) in the human environment. Analytic findings between 1961-1983 in the district of Leipzig (East Germany). II. Spacial and temporal distribution] Vater G, et al. **Angew Parasitol** 1985 Mar;26(1):27-38 (Eng. Abstr.) **(Ger)**

[Automarking of gamasid mites and fleas in the nests of common redbacked voles in winter (based on radioisotope labelling data)] Al'bov SA, et al. **Med Parazitol (Mosk)** 1984 Jul-Aug;(4):63-7 (Eng. Abstr.) **(Rus)**

[Fleas in human housing in natural plague foci of the Aral Sea region] Burdelov LA, et al. **Med Parazitol (Mosk)** 1985 May-Jun;(3):68-70 (Eng. Abstr.) **(Rus)**

[Effectiveness of various methods of exterminating fleas in natural foci of plague (review of the literature)] Soldatkin IS, et al. **Med Parazitol (Mosk)** 1985 Jan-Feb;(1):68-73 (82 ref.) **(Rus)**

[Trial of the action of synthetic juvenile hormone analogs on fleas] Serzhanov OS, et al. **Parazitologiia** 1985 Mar-Apr; 19(2):150-2 (Eng. Abstr.) **(Rus)**

CLASSIFICATION

Ectoparasites of vertebrates cohabiting black-tailed prairie dog towns in eastern New Mexico. Pfaffenberger GS, et al. **J Wildl Dis** 1985 Jan;21(1):69-72

[New data on the fleas (Insecta, Siphonaptera) of Algeria] Beaucournu JC, et al. **Bull Soc Pathol Exot Filiales** 1985; 78(3):378-92 (Eng. Abstr.) **(Fre)**

[Fleas (Siphonaptera) in man. Analysis of findings from 1961 to 1983 in the district of Leipzig (East Germany). 1. Species, sources of infestation and distribution] Vater G, et al. **Angew Parasitol** 1984 Aug;25(3):148-56 **(Ger)**

[Fleas of the Lake Evoron vole (Siphonaptera)] Kotti BK. **Parazitologiia** 1984 Jul-Aug;18(4):318-20 (Eng. Abstr.) **(Rus)**

[Finding of the flea Xenopsylla cheopis Roths. in nests of the common vole (Microtus arvalis Pall.) in Leningrad] Staniukovich MK. **Parazitologiia** 1985 Jan-Feb;19(1):68-70 **(Rus)**

GROWTH & DEVELOPMENT

The effect of various atmospheric conditions on the development of two strains of Xenopsylla cheopis in Egypt. Khalil MS, et al. **J Egypt Soc Parasitol** 1984 Dec; 14(2):393-9

Seasonal occurrence of fleas (Siphonaptera) on rodents in a foothills habitat in Larimer County, Colorado, USA. Campos EG, et al. **J Med Entomol** 1985 May 24; 22(3):266-70

IMMUNOLOGY

IgE and IgG antibodies to flea antigen in differing dog populations. Halliwell RE, et al. **Vet Immunol Immunopathol** 1985 Feb;8(3):215-23

[Fleas immune to plague studied by a serological method] Khrustselevskaia NM, et al. **Med Parazitol (Mosk)** 1985 Jan-Feb;(1):28-32 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Transmission of murine typhus rickettsiae by Xenopsylla cheopis, with notes on experimental infection and effects of temperature. Farhang Azad A, et al. **Am J Trop Med Hyg** 1985 May;34(3):555-63

Experimental murine typhus infection in the cat flea, Ctenocephalides felis (Siphonaptera: Pulicidae). Farhang-Azad A, et al. **J Med Entomol** 1984 Nov 29; 21(6):675-80

Transovarial transmission of murine typhus rickettsiae in Xenopsylla cheopis fleas. Farhang-Azad A, et al. **Science** 1985 Feb 1;227(4686):543-5

[Use of a drug with juvenile hormone action against flea transmitters of the plague agent] Ershova LS, et al. **Med Parazitol (Mosk)** 1985 Jan-Feb;(1):32-6 (Eng. Abstr.) **(Rus)**

[Block formation capacity in fleas infected with a plague agent after their feeding with blood substitutes] Akiev AK, et al. **Parazitologiia** 1985 May-Jun;19(3):242-4 (Eng. Abstr.) **(Rus)**

[Method of disinfecting plague-infected fleas in preparation for electron microscopic study] Shchedrin VI, et al. **Parazitologiia** 1984 Jul-Aug;18(4):317-8 (Eng. Abstr.) **(Rus)**

PARASITOLOGY

[A new Spilotylenchus (Nematoda, Tylenchida : Allantonematidae) parasite of Spilopsyllus cuniculi (Dale) (Siphonaptera : Pulicidae), Siphonaptera of wild rabbits] Launay H, et al. **Ann Parasitol Hum Comp** 1984; 59(4):415-20 (Eng. Abstr.) **(Fre)**

PHYSIOLOGY

Xenopsylla cheopis: cellular expression of hypersensitivity in guinea pigs. Johnston CM, et al. **Exp Parasitol** 1985 Feb; 59(1):81-9

[Taxonomic and phylogenetic relation between the genera of Siphonaptera rhopalopsyllini obtained by the study of host-parasite relations] Linardi PM. **Rev Bras Biol** 1984 Aug;44(3):329-34 (Eng. Abstr.) **(Por)**

FLICKER FUSION

Critical flicker frequencies in MS patients with normal or abnormal pattern VEP. Salmi T. **Acta Neurol Scand** 1985 May;71(5):354-8

The internship year: a study of sleep, mood states, and psychophysiologic parameters. Ford CV, et al. **South Med J** 1984 Nov;77(11):1435-42

DRUG EFFECTS

Temazepam and the perceptual-motor performance of professional footballers. Golby J, et al. **Br J Sports Med** 1985 Jun;19(2):115-8

Flicker fusion frequency and organic syndrome in alcoholics. Pillunat LE, et al. **Percept Mot Skills** 1985 Apr; 60(2):487-94

Evaluation of signal detection theory on the effects of psychotropic drugs on critical flicker-fusion frequency in normal subjects. MacNab MW, et al. **Psychopharmacology (Berlin)** 1985;85(4):431-5

[Effect of tranquilizers on the critical flicker fusion frequency in the visual analyzer] Ben'kovich BI, et al. **Fiziol Cheloveka** 1984 Nov-Dec;10(6):999-1004 **(Rus)**

PHYSIOLOGY

Flicker photometry and achromatic-channel structure. Ingling CR Jr, et al. **J Opt Soc Am [A]** 1985 Aug; 2(8):1375-8

Critical fusion frequency in the central visual field. Douthwaite WA, et al. **Ophthalmic Physiol Opt** 1985; 5(1):15-21

Two channels for flicker in the human visual system. Moulden B, et al. **Perception** 1984;13(4):387-400

Flicker detection in the albino rat following light-induced retinal damage. Williams RA, et al. **Physiol Behav** 1985 Feb;34(2):259-66

Rod-cone interaction in flicker detection. Coletta NJ, et al. **Vision Res** 1984;24(10):1333-40

Frequency dependence in scotopic flicker sensitivity. Nygaard RW, et al. **Vision Res** 1985;25(1):115-27

Critical flicker frequency and M-scaling of stimulus size and retinal illuminance. Rovamo J, et al. **Vision Res** 1984; 24(10):1127-31

[Frequency of flicker stimulus-dependent pupillary oscillation in diabetics] Alexandridis E, et al. **Fortschr Ophthalmol** 1985;82(2):187-8 (Eng. Abstr.) **(Ger)**

[The temporal transfer properties of the visual system in patients with optic neuritis] Lachenmayr B, et al. **Fortschr Ophthalmol** 1985;82(2):189-93 (Eng. Abstr.) **(Ger)**

FLIES, TRUE see **DIPTERA**

FLIGHT, ANIMAL

Mosquito circadian flight rhythms: differential effects of constant light. Clopton JR. **Am J Physiol** 1984 Dec;247(6 Pt 2):R960-7

Physiological responses of birds to flight and running. Brackenbury J. **Biol Rev** 1984 Nov;59(4):559-75

Power and efficiency of insect flight muscle. Ellington CP. **J Exp Biol** 1985 Mar;115:293-304

Light flashes of different durations (0.063-3.33 msec) phase shift the circadian flight activity of a bat. Joshi D, et al. **J Exp Zool** 1985 Feb;233(2):187-92

Comment on 'Geometrical constraints affecting crossbridge formation in insect flight muscle' [letter] Thomas DD, et al. **J Muscle Res Cell Motil** 1984 Oct;5(5):589-90

Octopamine and chlordimeform enhance sensory responsiveness and production of the flight motor pattern in developing and adult moths. Kinnamon SC, et al. **J Neurobiol** 1984 Jul;15(4):283-93

Central and peripheral neurosecretory pathways to an insect flight motor nerve. Wasserman AJ. **J Neurobiol** 1985 Jul; 16(4):329-46

Flight-initiating interneurons in the locust. Pearson KG, et al. **J Neurophysiol** 1985 Apr;53(4):910-25

Integration of nonphaselocked exteroceptive information in the control of rhythmic flight in the locust. Reichert H, et al. **J Neurophysiol** 1985 May;53(5):1201-18

Neural circuits in the flight system of the locust. Robertson RM, et al. **J Neurophysiol** 1985 Jan;53(1):110-28

Why flying locusts do not crash [news] Bacon J. **Nature** 1985 May 9-15;315(6015):94-5

Atypical 'fibrillar' flight muscle in strepsiptera. Smith DS, et al. **Tissue Cell** 1984;16(6):929-40

Vertical distribution of flying black-flies (Diptera: Simuliidae) in Central Nigeria. Roberts DM. **Trop Med Parasitol** 1985 Jun;36(2):102-4

[Range of the flight dispersion of Anopheles pulcherrimus Theo B.] Abdullaev IT. **Med Parazitol (Mosk)** 1984 Sep-Oct;(5):60-3 (Eng. Abstr.) **(Rus)**

[Possibility of long flights of mosquitoes to the settlements under protective control of gerbil colonies] Strelkova MV, et al. **Med Parazitol (Mosk)** 1985 Mar-Apr;(2):64-7 (Eng. Abstr.) **(Rus)**

FLIGHT REACTION see **ESCAPE REACTION**

FLOCCULATION see under **PRECIPITATION**

FLOCCULATION TESTS

Pretest temperature effects on CAP syphilis serology survey samples. Rippey JH, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):17-8

FLOCTAFENINE see under **ANTHRANILIC ACIDS**

FLOOR OF MOUTH see **MOUTH FLOOR**

FLOORS AND FLOORCOVERINGS see under **FACILITY DESIGN AND CONSTRUCTION**

FLOPPY MITRAL VALVE see **MITRAL VALVE PROLAPSE**

FLORIMYCIN see **VIOMYCINS**

FLOUR

Short-term effects of feeding raw soya flour on pancreatic cell turnover in the rat. Oates PS, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G667-73

The effects of soy flour and N-nitrosobis (2-oxopropyl) amine on the pancreas of the hamster. Hasdai A, et al. **Drug Nutr Interact** 1985;3(3):173-9

Effect of whole buckwheat (Fagopyrum esculentum) flour supplementation on lipid profile & glucose tolerance. Bijlani RL, et al. **Indian J Med Res** 1985 Feb;81:162-8

Ascorbic acid as a flour and bread improver. Kläui H. **Int Z Vitam Ernahrungsforsch [Beih]** 1985;27:335-43

The use of L-ascorbic acid in improving the quality of pasta. Milatović L. **Int Z Vitam Ernahrungsforsch [Beih]** 1985;27:345-61

Nutritional improvement of soy flour. Friedman M, et al. **J Nutr** 1984 Dec;114(12):2241-6

Effect of wheat flour, Bengal gram flour and corn flour on lipid metabolism in rats. Bakhsh R, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Jun;30(3):297-301

Excretion of thiocyanate in urine of growing pigs after rapeseed meal feeding. Schöne F, et al. **Nahrung** 1985;29(5):541-3

[Rapid storage assay for the study of the loss of nutritive value of bean flour (Phaseolus vulgaris) proteins] Buera MP, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):376-83 (Eng. Abstr.) **(Spa)**

[Nutritive value of diets based on tubers and legumes consumed in 3 different proportions] Jorge João WS, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):315-20 (Eng. Abstr.) **(Spa)**

[Feasibility of the use of different binding agents for the development of products based on deboned fish flesh] Quezada O, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):169-88 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Lead poisoning in a West Bank Arab Village. Hershko C, et al. **Arch Intern Med** 1984 Oct;144(10):1969-73

Wheat flour sensitisation and airways disease in urban bakers. Prichard MG, et al. **Br J Ind Med** 1984 Nov;41(4):450-4

[Occupational allergies to flour. Measures for occupational rehabilitation of the Disability Insurance from 1978 to 1982 and the new status under the 1984 Insurance Law] Fankhauser J, et al. **Schweiz Rundsch Med Prax** 1984 Sep 11;73(37):1103-7 (Eng. Abstr.) **(Ger)**

[Considerations in a case of occupational bronchial asthma caused by rye flour] Bratico-Vangosa G, et al. **Med Lav** 1984 May-Jun;75(3):236-40 (Eng. Abstr.) **(Ita)**

ANALYSIS

Iron bound to phytates of maize. Garzón P, et al. **Arch Invest Med (Mex)** 1984 Apr-Jun;15(2):163-71 **(Eng, Spa)**

Distribution of the trichothecene mycotoxin deoxynivalenol (vomitoxin) during the milling of naturally contaminated hard red spring wheat and its fate in baked products. Scott PM, et al. **Food Addit Contam** 1984 Oct-Dec;1(4):313-23

Gas chromatographic determination of ethylene dibromide in flour products. McKay G. **J Assoc Off Anal Chem** 1985 Mar-Apr;68(2):203-5

A new N-nitroso compound, N-2-methylpropyl-N-1-methylacetonyl-nitrosamine, in moldy millet and wheat flour. Ji C, et al. **Sci Sin [B]** 1984 Jun;27(6):601-9

Dietary fibre in bread and corresponding flours--formation of resistant starch during baking. Johansson CG, et al. **Z Lebensm Unters Forsch** 1984 Jul;179(1):24-8

[Determination of ergotamine in flour by high performance liquid chromatography] Lu FJ, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Apr;84(4):435-40 (Eng. Abstr.) **(Chi)**

[Analysis of whole gliadin from untreated and heat-treated flour with phase inversion high pressure liquid chromatography] Meier P, et al. **Z Lebensm Unters Forsch** 1985 Jun;180(6):467-73 (Eng. Abstr.) **(Ger)**

[A method for the quantitative determination of trypsin inhibitors in commercial vegetable and meat products] López de Palozzo A, et al. **Acta Cient Venez** 1984;35(5-6):448-50 **(Spa)**

[Obtaining flour and protein concentrate from seeds of Melilotus albus. Study of the protein quality] de Mucciarelli SI, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):94-108 (Eng. Abstr.) **(Spa)**

TOXICITY

The immunosuppressive effect of palmyrah (Borassus flabellifer) flour is not associated with its neurotoxic fraction. Arseculeratne SN, et al. **Asian Pac J Allergy Immunol** 1984 Jun;2(1):13-6

Mutagenicity of flour from the palmyrah palm (Borassus flabellifer) in Salmonella typhimurium and Escherichia coli. Andersen PH, et al. **Cancer Lett** 1985 Feb;26(1):113-9

Effects of soybean flour on the pancreas of rats. McGuinness EE, et al. **Environ Health Perspect** 1984 Jun;56:205-12 (65 ref.)

FLOW CYTOMETRY

Automated cytochemistry in acute leukemias. A new approach to the FAB classification based on cell distribution pattern. d'Onofrio G, et al. **Acta Haematol (Basel)** 1984;72(4):221-30

Flow cytometric studies on phagocyte function in bacterial infections. Bassøe CF. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Jun;92(3):167-71

3H-thymidine autoradiography and cytophotometric analysis of needle aspirates from human tumours during radiation therapy, endocrine therapy and chemotherapy. Klintenberg C, et al. **Acta Radiol [Oncol]** 1985 Mar-Apr;24(2):117-22

Comparison between flow cytometry and single cell cytophotometry for DNA content analysis of the uterine cervix. Strang P, et al. **Acta Radiol [Oncol]** 1985 Jul-Aug;24(4):337-41

Flow cytometric analysis of DNA in diagnostic cytology. Flint A, et al. **Am J Clin Pathol** 1985 Sep;84(3):278-82

A simple and practical technic for detecting cancer cells in urine and urinary bladder washings by flow cytometry. Pritchett TR, et al. **Am J Clin Pathol** 1985 Aug;84(2):191-6

Normal human blood density gradient lymphocyte subset analysis: I. An interlaboratory flow cytometric comparison of 85 normal adults. Marti GE, et al. **Am J Hematol** 1985 Sep;20(1):41-52

Functional defects in phagocytic cells following thermal injury. Application of flow cytometric analysis. Duque RE, et al. **Am J Pathol** 1985 Jan;118(1):116-27

Cytophotometry of breast carcinoma. Acridine-orange DNA microfluorimetry with Giemsa counterstain. Rosen S, et al. **Anal Quant Cytol Histol** 1985 Jun;7(2):159-62

DNA content of human squamous cell carcinoma cell lines. Analysis by flow cytometry and chromosome enumeration. Roa RA, et al. **Arch Otolaryngol** 1985 Sep;111(9):565-75

Fluorescence cytophotometric analysis of megakaryocytic ploidy in culture: studies of normal and thrombocytopenic mice. Chatelain C, et al. **Blood** 1984 Dec;64(6):1193-9

Impact of flow cytometry on predicting recurrence and survival in breast cancer patients. McGuire Wl, et al. **Breast Cancer Res Treat** 1985;5(2):117-28

Flow cytometric analysis of DNA content in human bladder tumors and irrigation fluids. Chin JL, et al. **Cancer** 1985 Oct 1;56(7):1677-81

Flow cytometric identification of cancer cells in effusions with Ca1 monoclonal antibody. Czerniak B, et al. **Cancer** 1985 Jun 15;55(12):2783-8

Preservation of cytometric DNA distribution and epithelial marker expression after tumor progression of human large bowel carcinomas. Rognum TO, et al. **Cancer** 1985 Oct 1;56(7):1658-66

DNA flow cytometry in human testicular cancer. Fosså SD, et al. **Cancer Lett** 1985 Aug;28(1):55-60

Flow cytometric analysis of heterogeneity in blood group-related antigen expression in a human urinary bladder carcinoma cell line, 647V. Coon JS, et al. **Cancer Res** 1985 Jul;45(7):3014-21

Flow cytometric studies on modulation of cellular adriamycin retention by phenothiazines. Krishan A, et al. **Cancer Res** 1985 Mar;45(3):1046-51

Flow cytometric detection of aneuploidy in colorectal adenomas. van den Ingh HF, et al. **Cancer Res** 1985 Jul;45(7):3392-7

Flow cytometry in body fluid analysis. Avent J. **Clin Lab Med** 1985 Jun;5(2):389-403

Microcomputer experience in analysis of flow cytometric DNA distributions. Ubezio P. **Comput Programs Biomed** 1985;19(2-3):159-66

Estimation of sampling errors [letter] Castleman KR. **Cytometry** 1985 May;6(3):276-7

Light-scattering changes during chemotactic stimulation of human neutrophils: kinetics followed by flow cytometry. McNeil PL, et al. **Cytometry** 1985 Jan;6(1):7-12

A proposal for a flow cytometric data file standard. Murphy RF, et al. **Cytometry** 1984 Sep;5(5):553-5

Differential of light-scattering detection in an arc-lamp-based epi-illumination flow cytometer. Steen HB, et al. **Cytometry** 1985 Jul;6(4):281-5

Estimation of sampling errors [letter] Young T. **Cytometry** 1985 May;6(3):273-5

Detection of platelet antibodies by flow cytometric analysis. Lazarchick J, et al. **Diagn Immunol** 1984;2(4):238-41

Flow cytofluorometric analysis of serial biopsies of tumours of the uterine cervix. Dyson JE, et al. **Eur J Cancer Clin Oncol** 1984 Oct;20(10):1249-59

Enumeration of lymphocyte-target cell conjugates by cytofluorometry. Berke G. **Eur J Immunol** 1985 Apr;15(4):337-40

Characterization of pleural effusions by flow-cytometric DNA analysis. Høstmark J, et al. **Eur J Respir Dis** 1985 May;66(5):315-9

Flow cytometric DNA analysis [editorial] Vindeløv LL. **Eur J Respir Dis** 1985 May;66(5):313-4

Measurement of cell proliferation in microculture using Hoechst 33342 for the rapid semiautomated microfluorimetric determination of chromatin DNA. Richards WL, et al. **Exp Cell Res** 1985 Jul;159(1):235-46

Flow-cytometric detection of changes in the fluorescence emission spectrum of a vital DNA-specific dye in human tumour cells. Smith PJ, et al. **Exp Cell Res** 1985 Jul;159(1):37-46

Flow cytometric analysis of tumor antigen TA-4 in cervical squamous cells. Sasaki K, et al. **Gann** 1984 Aug;75(8):703-6

The use of flow cytometry to measure X-ray survival in cultured T lymphocytes. Szekely JG, et al. **Int J Radiat Biol** 1985 Jun;47(6):681-8

Flow cytometric determination of the proportions of X- and Y-chromosome-bearing sperm in samples of purportedly separated bull sperm. Pinkel D, et al. **J Anim Sci** 1985 May;60(5):1303-7

Grading of bone tumors by analysis of nuclear DNA content using flow cytometry. Mankin HJ, et al. **J Bone Joint Surg [Am]** 1985 Mar;67(3):404-13

Regarding 'A comparison between a modified avidin-biotin-immunoperoxidase system and flow cytometry' [letter] Banerjee D. **J Histochem Cytochem** 1984 Nov;32(11):1243-4

Cytophilic IgE on human blood and tissue eosinophils: detection by flow microfluorometry. Capron M, et al. **J Immunol** 1985 May;134(5):3013-8

Flow cytometric characterization of normal and variant cells with monoclonal antibodies specific for glycophorin A. Langlois RG, et al. **J Immunol** 1985 Jun;134(6):4009-17

Further characterization of low density mononuclear cells: FACS-assisted analysis of human MLR stimulators. Santiago-Schwarz F, et al. **J Immunol** 1985 Feb;134(2):779-85

Characterization of subsets of bone marrow-derived macrophages by flow cytometry analysis. Walker EB, et al. **J Leukocyte Biol** 1985 Feb;37(2):121-36

Application of flow cytometry to analyses of cultured human glioma and fetal brain cells. Nishiguchi DJ, et al. **J Neuropathol Exp Neurol** 1985 May;44(3):254-67

Detection and quantitation of Bacteroides gingivalis in bacterial mixtures by means of flow cytometry. Kornman KS, et al. **J Periodont Res** 1984 Nov;19(6):570-3

Flow cytometry of ethanol-fixed versus fresh bladder barbotage specimens. Ratliff JE, et al. **J Urol** 1985 Jun;133(6):958-60

Emerging impact of flow cytometry in predicting recurrence and survival in breast cancer patients. McGuire WL, et al. **JNCI** 1985 Sep;75(3):405-10

A comparison of human breast cancer cell kinetics measured by flow cytometry and thymidine labeling. McDivitt RW, et al. **Lab Invest** 1985 Mar;52(3):287-91

Flow cytometric detection of lymphocyte alterations in Huntington's disease. Gollin SM, et al. **Life Sci** 1985 Feb 18;36(7):619-26

Subsets of patients with aplastic anemia identified by flow microfluorometry. Torok-Storb B, et al. **N Engl J Med** 1985 Apr 18;312(16):1015-22

Flow cytometry of radiation-induced tumors in rats. Christov K, et al. **Neoplasma** 1985;32(3):335-40

Flow cytometric analysis of cellular DNA content as an adjunct to the diagnosis of ovarian tumours of borderline malignancy. Friedlander ML, et al. **Pathology** 1984 Jul;16(3):301-6

The use of flow microfluorometry for pharmaceutical testing. Siegel EB. **Regul Toxicol Pharmacol** 1984 Sep;4(3):287-304

Flow cytometry of the urinary bladder. Melamed MR. **Urol Clin North Am** 1984 Nov;11(4):599-608 (22 ref.)

Comparison of histologic and flow cytometric evaluation of cyclophosphamide-induced testicular damage. Goldberg SD, et al. **Urology** 1984 Nov;24(5):472-5

[Effect of harringtonine and homoharringtonine on the traverse of cell cycle of P388 leukemic cells by flow cytometry] Xue SB, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb;6(1):28-31 (Eng. Abstr.) **(Chi)**

[Flow cytometric analysis and sorting of human metaphase chromosomes. A new field of research] Tranebjaerg L, et al. **Ugeskr Laeger** 1985 Jan 21;147(4):239-42 (Eng. Abstr.) **(Dan)**

[Analysis of DNA by flow cytometry in breast cancer] Chassevent A, et al. **Bull Cancer (Paris)** 1984;71(5):494-5 **(Fre)**

[Evaluation of the performance of Spectrum III] Merle-Béral H, et al. **Nouv Rev Fr Hematol** 1985;27(3):193-9 (Eng. Abstr.) **(Fre)**

[Classification and prognosis of colorectal cancers. Evaluation with multiparameter flow cytometry] Wirsching R, et al. **Fortschr Med** 1985 Jun 6;103(21):584-7 (Eng. Abstr.) **(Ger)**

[Biological effects of smog. VIII. Impulse cytophotometric cell cycle analysis of synchronized Syrian hamster kidney cell cultures (line 14-b)] Giebel P, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Oct;179(5):406-30 (Eng. Abstr.) **(Ger)**

[Feulgen–DNA cytofluorometry of the liver cell carcinomas] Kagawa K, et al. **Gan No Rinsho** 1984 Oct;30(13):1643–50 (Eng. Abstr.) **(Jpn)**

[Cell kinetics and nuclear ploidy pattern in relation to the growth of gastric cancers as analyzed by DNA–RNA cytofluorometry] Kamachi M, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2342–7 (Eng. Abstr.) **(Jpn)**

[Flow cytometric study of enhanced effect of anti–cancer drugs induced by nicardipine hydrochloride] Nomura K, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2252–60 (Eng. Abstr.) **(Jpn)**

[Flow–cytometric analysis of changes of lymphocyte subsets in the blood in cancer patients during radiotherapy. 5. Special reference to OKIa 1+–lymphocytes] Ogawa Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Oct 20; 19(9):2138–45 (Eng. Abstr.) **(Jpn)**

[Flow–cytometric analysis of changes in lymphocyte subsets in the blood of cancer patients during radiotherapy. 2. Special reference to OKM1+–lymphocytes] Ogawa Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Apr 20;19(3):566–72 (Eng. Abstr.) **(Jpn)**

[Flow–cytometric analysis of changes in lymphocyte subsets in the blood of cancer patients during radiotherapy. 3. Special reference to OKT4+–lymphocytes] Ogawa Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Apr 20;19(3):573–9 (Eng. Abstr.) **(Jpn)**

[Flow cytometric analysis of cellular transport of adriamycin] Sasaki K, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jun 20;19(5):1028–31 (Eng. Abstr.) **(Jpn)**

[Immunological studies on renal transplantation. II. Application of flow cytometry to mixed lymphocyte culture reaction] Kanda H, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jun;75(6):945–50 (Eng. Abstr.) **(Jpn)**

[Flow cytometry in urinary tract malignancies. III. Quantitative analysis of DNA histogram and application to bladder cancer detection, evaluation of the treatment and follow–up examination] Matsuura T, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Jan;76(1):89–95 (Eng. Abstr.) **(Jpn)**

[Flow cytometry in urinary tract malignancies. IV. Effect of antineoplastic agents on cell cycle progression of cultured cell line] Matsuura T, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Jan;76(1):96–103 (Eng. Abstr.) **(Jpn)**

[Studies on bladder cancer by flow cytometry. I. Evaluation of the malignant potential of bladder cancer based on flow cytometric DNA analysis] Yoshikawa K. **Nippon Hinyokika Gakkai Zasshi** 1985 Apr;76(4):483–90 (Eng. Abstr.) **(Jpn)**

[Flow cytometric study on the action of progestogen in patients with adenocarcinoma and precancerous lesions of the endometrium] Nishiya I, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul;37(7):1161–8 (Eng. Abstr.) **(Jpn)**

[A review of cell kinetic studies on brain tumors with special reference to anti–bromodeoxyuridine monoclonal antibody method] Nagashima T, et al. **No Shinkei Geka** 1984 Aug; 12(9):1007–18 (58 ref.) (Eng. Abstr.) **(Jpn)**

[Flow cytometric studies of human brain tumors. Part 4: Metastatic tumors] Oka N, et al. **No Shinkei Geka** 1984 Oct;12(11):1255–62 (Eng. Abstr.) **(Jpn)**

[Studies on the condition of human lymphocyte blast transformation by PHA] Sato M, et al. **Rinsho Byori** 1985 Jun;33(6):663–8 **(Jpn)**

[Determination of surface immunoglobulin–bearing cells using flow cytometry. (I)] Tazawa H, et al. **Rinsho Byori** 1985 Mar;33(3):289–92 **(Jpn)**

[Basic study of automated cytodiagnosis using flow cytometry––a hybrid method with image analysis] Yoshimi N, et al. **Rinsho Byori** 1985 Feb;Spec No 61:16–24 **(Jpn)**

[Clinical application of flow cytometry] Høstmark J. **Tidsskr Nor Laegeforen** 1985 Jan 10;105(1):32–5 (Eng. Abstr.) **(Nor)**

[Cytofluorometric determination of the relation of cell cycle phases in asynchronous populations] Zaichkina SI, et al. **Lab Delo** 1985;(2):72–5 (Eng. Abstr.) **(Rus)**

IN MIDDLE AGE

Detection of Escherichia coli in blood using flow cytometry. Mansour JD, et al. **Cytometry** 1985 May;6(3):186–90

INSTRUMENTATION

Evaluation of colonic neoplasia by flow cytometry of endoscopic biopsies. McKinley M, et al. **Am J Gastroenterol** 1985 Jan;80(1):47–9

Double–beam autocompensation for fluorescence polarization measurements in flow cytometry. Beisker W, et al. **Biophys J** 1985 May;47(5):607–12

A method for improving light collection by 600% from square cross section flow cytometry chambers. Watson JV. **Br J Cancer** 1985 Mar;51(3):433–5

A single–parameter analog level discriminator: a cheap and powerful extension of FCM data acquisition. Beumer T, et al. **Cytometry** 1985 Jan;6(1):65–8

An easy–to–build–timer for kinetic measurements in flow cytometry. Beumer T, et al. **Cytometry** 1984 Nov; 5(6):648–51

The cytodisk: a cytometer based upon a new principle of *cell alignment. de Grooth BG, et al.* ***Cytometry*** *1985 May;* 6(3):226–33

Alignment and focusing unit for dual–laser excitation in the fluorescence–activated cell sorter. de Josselin de Jong JE, et al. **Cytometry** 1984 Nov;5(6):657–9

Tuning meter can replace oscilloscope for flow cytometer alignment. Hovorka G. **Cytometry** 1985 Jul;6(4):386–7

A simple device to obtain high local concentrations of material sorted by flow cytometry for biochemical or morphological analysis. Métézeau P, et al. **Cytometry** 1984 Sep;5(5):550–2

A convenient on–line device for reagent addition, sample mixing, and temperature control of cell suspensions in flow cytometry. Omann GM, et al. **Cytometry** 1985 Jan; 6(1):69–73

Active analog pipeline delays for high signal rates in multistation flow cytometers. Parson JD, et al. **Cytometry** 1985 Jul;6(4):388–91

The LLNL high–speed sorter: design features, operational characteristics, and biological utility. Peters D, et al. **Cytometry** 1985 Jul;6(4):290–301

Design of flow chamber with electronic cell volume capability and light detection optics for multilaser flow cytometry. Schuette WH, et al. **Cytometry** 1984 Nov; 5(6):652–6

Inexpensive upgrading of a FACS I and isolation of rare somatic variants by double–fluorescence sorting. Weichel W, et al. **Cytometry** 1985 Mar;6(2):116–23

Analysis of Pneumocystis carinii cysts with a fluorescence–activated cell sorter. Libertin CR, et al. **J Clin Microbiol** 1984 Nov;20(5):877–80

A charge coupled device–based image cytophotometry system for quantitative histochemistry and cytochemistry. Donovan RM, et al. **J Histochem Cytochem** 1985 Jun; 33(6):551–6

Fiber optic probe cytometer. Briggs J, et al. **J Immunol Methods** 1985 Jul 16;81(1):73–81

Some toxicological and hepatocarcinogenic studies using a cytofluorograph and its associated computer facility. Walker KA, et al. **Med Inf (Lond)** 1985 Apr–Jun; 10(2):153–60

Correlated measurements of DNA, RNA, and protein in individual cells by flow cytometry. Crissman HA, et al. **Science** 1985 Jun 14;228(4705):1321–4

[Study of cellular autofluorescence of cultured human cancer cell lines using a fluorescence–activated cell sorter (FACS–IV)] Koyama S, et al. **Gan No Rinsho** 1985 Feb; 31(2):190–2 (Eng. Abstr.) **(Jpn)**

METHODS

Comparison of needle aspiration and solid biopsy technics in the flow cytometric study of DNA distributions of surgically resected tumors. Greenebaum E, et al. **Am J Clin Pathol** 1984 Nov;82(5):559–64

Ploidy measurements by high–resolution cytometry. Bibbo M, et al. **Anal Quant Cytol Histol** 1985 Jun;7(2):81–9

Some practical considerations in quantitative absorbance microspectrophotometry. Preparation techniques in DNA cytophotometry. Mikel UV, et al. **Anal Quant Cytol Histol** 1985 Jun;7(2):107–18

Human chromosome analysis by flow cytometry. Young BD. **Ann NY Acad Sci** 1985;450:11–23

Application of flow cytometry to detection and characterization of Legionella spp. Tyndall RL, et al. **Appl Environ Microbiol** 1985 Apr;49(4):852–7

DNA flow cytometry: a new technique for rapid analysis of cell–cycle kinetics in human anagen hairs. Deinlein E, et al. **Arch Dermatol Res** 1985;277(4):337–9

Determination of C3b receptors on normal and patient polymorphonuclear neutrophils with C3b–coated fluorescent microspheres. Ogle JD, et al. **Arch Surg** 1985 Jan;120(1):104–9

Flow cytometry in experimental hematology. van den Engh G, et al. **Bibl Haematol** 1984;(48):42–62

Heterogeneity of colorectal adenocarcinomas evaluated by flow cytometry and histopathology. Quirke P, et al. **Br J Cancer** 1985 Jan;51(1):99–106

Flow cytometric DNA analysis as a diagnostic aid for cervical condyloma and cancer. Tsou KC, et al. **Cancer** 1984 Nov 1;54(9):1778–87

Analysis of DNA distributions from flow cytometry. Validation of an automatic procedure against simulated data. Bruni C, et al. **Cell Biophys** 1984 Jun;6(2):67–86

Separation of human and animal cells by steric field–flow fractionation. Caldwell KD, et al. **Cell Biophys** 1984 Dec; 6(4):233–51

Pattern of DNA synthesis and its effect on the classification of cells by flow cytometry. Culpin D, et al. **Cell Tissue Kinet** 1985 Jan;18(1):1–12

Cell cycle kinetics by BrdU–Hoechst flow cytometry: an alternative to the differential metaphase labelling technique. Kubbies M, et al. **Cell Tissue Kinet** 1985 Sep;18(5):551–62

Flow karyology of serially cultured Chinese hamster cell lineages. Bartholdi MF, et al. **Cytometry** 1984 Sep; 5(5):534–8

Differentiation of HL–60 promyelocytic leukemia cells monitored by flow cytometric measurement of nitro blue tetrazolium (NBT) reduction. Blair OC, et al. **Cytometry** 1985 Jan;6(1):54–61

Flow cytometric analysis of immunogold cell surface label. Böhmer RM, et al. **Cytometry** 1984 Sep;5(5):543–6

A method for simultaneous nuclear immunofluorescence and DNA content quantitation using monoclonal antibodies and flow cytometry. Clevenger CV, et al. **Cytometry** 1985 May; 6(3):208–14

Helpful hints in flow cytometry and sorting. Dean PN. **Cytometry** 1985 Jan;6(1):62–4

Validation of a mathematical procedure for computer analysis of flow cytometric DNA data in human tumors. Del Bino G, et al. **Cytometry** 1985 Jan;6(1):31–6

Flow cytometry of leukocytes after intravenous fluorescein angiography. Felberg NT, et al. **Cytometry** 1985 Jan; 6(1):74–6

Dual laser flow cytometry: focal length compensation when focussing through a single lens. Fellner–Feldegg H. **Cytometry** 1985 Jul;6(4):286–9

Flow cytometric immunofluorescence of rat anterior pituitary cells. Hatfield JM, et al. **Cytometry** 1985 Mar; 6(2):137–42

Preparation of chromosome suspensions from cells of a solid experimental tumour for measurement by flow cytometry. Kooi MW, et al. **Cytometry** 1984 Sep;5(5):547–9

Identification of inverted duplicated 15 chromosomes using bivariate flow cytometric analysis. Lalande M, et al. **Cytometry** 1985 Jan;6(1):1–6

Application of flow cytometry to studies on the distribution, persistence, and regeneration rate of Epstein–Barr virus receptors. McCune B, et al. **Cytometry** 1984 Sep;5(5):523–9

Automated identification of subpopulations in flow cytometric list mode data using cluster analysis. Murphy RF. **Cytometry** 1985 Jul;6(4):302–9

Dual–parameter scatter–flow immunofluorescence analysis of Bacillus spores. Phillips AP, et al. **Cytometry** 1985 Mar; 6(2):124–9

Quantitation of cell kinetic responses using simultaneous flow cytometric measurements of DNA and nuclear protein. Pollack A, et al. **Cytometry** 1984 Sep;5(5):473–81

Purification of beta cells from rat islets by monoclonal antibody–fluorescence flow cytometry. Russell TR, et al. **Cytometry** 1984 Sep;5(5):539–42

Automated analysis and survival selection of anchorage–dependent cells under normal growth conditions. Schindler M, et al. **Cytometry** 1985 Jul; 6(4):368–74

A count–dependent filter for smoothing flow cytometric histograms. Schuette WH, et al. **Cytometry** 1984 Sep; 5(5):487–93

Flow cytometric determination of DNA ploidy level in nuclei isolated from paraffin–embedded tissue. Schutte B, et al. **Cytometry** 1985 Jan;6(1):26–30

Flow cytometric enumeration of absolute lymphocyte number in peripheral blood using two parameters of light scatter. Smart YC, et al. **Cytometry** 1985 Mar;6(2):172–4

Quantitation of anthracyclines in human hematopoietic cell subpopulations by flow cytometry correlated with high pressure liquid chromatography. Speth PA, et al. **Cytometry** 1985 Mar;6(2):143–50

Automatic cell identification and enrichment in lung cancer: V. Adenocarcinoma and large cell undifferentiated carcinoma. Tyrer HW, et al. **Cytometry** 1985 Jan;6(1):37–46

Linearity and noise sources in flow cytometry. Ubezio P, et al. **Cytometry** 1985 Mar;6(2):109–15

Flow cytometric analysis of megakaryocyte differentiation. Worthington RE, et al. **Cytometry** 1984 Sep;5(5):501–8

Determination of surface antigens using the Coulter counter: a simple highly sensitive method. Attallah AM, et al. **Diagn Immunol** 1983;1(1):39–42

Clinical applications of fluorescence–activated cell sorting techniques. Ault KA. **Diagn Immunol** 1983;1(1):2–10 (51 ref.)

Identification of antibody–laden sperm by cytofluorometry. Haas GG Jr, et al. **Fertil Steril** 1984 Oct;42(4):606–13

Microfluorometric estimates of proteins associated with murine hepatocyte and thymocyte nuclei, residual structures, and nuclear matrix derivatives. Curtis SK, et al. **Histochemistry** 1985;82(4):331–9

Normal and perturbed Chinese hamster ovary cells: correlation of DNA, RNA, and protein content by flow cytometry. Crissman HA, et al. **J Cell Biol** 1985 Jul; 101(1):141–7

Analysis of cell surface light chain immunoglobulin expression by flow cytometry in normal controls: a new mathematical approach. Wong GY, et al. **J Histochem Cytochem** 1985 Feb;33(2):119–26

Coexpression of T4 and T8 on peripheral blood T cells demonstrated by two–color fluorescence flow cytometry. Blue ML, et al. **J Immunol** 1985 Apr;134(4):2281–6

Fluorescence polarization assay by flow cytometry. Rolland JM, et al. **J Immunol Methods** 1985 Jan 21;76(1):1–10 (45 ref.)

A flow cytometric method for the detection of adenosine deaminase in mononuclear cells. SenGupta S, et al. **J Immunol Methods** 1985 Jun 25;80(2):155–62

How does flow cytometry express Gaussian distributed biological information? Watson JV, et al. **J Immunol Methods** 1985 Mar 18;77(2):321–30

Clinical use of the continuous flow blood–cell separator. Bláha M. **Sb Ved Pr Lek Fak Univ Karlovy** 1983; 26(3):271–353 (200 ref.)

Use of fluorescence–activated cell sorter to isolate mutant mammalian cells deficient in an internal protein, dihydrofolate reductase. Urlaub G, et al. **Somatic Cell Mol Genet** 1985 Jan;11(1):71–7

A method for flow cytometric cell cycle analysis of normal and psoriatic human epidermis based on a detergent/citric acid technique for suspension of nuclei. Larsen JK, et al. **Virchows Arch [Cell Pathol]** 1985;48(3):247-59

[Impulse cytofluorometry of the redox activity of single cells using fluorescent formazan] Severin E, et al. **Acta Histochem (Jena)** 1984;75(1):101-5 (Eng. Abstr.) **(Ger)**

[Impulse cytophotometry in human sperm specimen analysis] Hettwer H. **Acta Histochem [Suppl] (Jena)** 1985;31:201-6 **(Ger)**

[DNA flow cytometric evaluation of spermatogenesis. Part 1: Analysis of nuclear DNA in cells from the human testicular tissue] Kawai S. **Hinyokika Kiyo** 1984 Aug; 30(8):1021-7 (Eng. Abstr.) **(Jpn)**

[Development of an image analysis system using a line type charge coupled device and analysis of early pulmonary carcinoma] Takahashi M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct; 22(10):845-52 (Eng. Abstr.) **(Jpn)**

[Determination of lymphocyte subsets by monoclonal antibodies using a flow cytometric whole blood method] Mizukoshi M, et al. **Rinsho Byori** 1984 Jul;32(7):809-13 **(Jpn)**

[Clinical evaluation of automatic analysis of blood cells. Cytochemical method in flow system] Hirasawa Y. **Rinsho Ketsueki** 1984 Jun;25(6):784-90 (Eng. Abstr.) **(Jpn)**

[Analysis of the statistical characteristsics of the distribution of NK/Ly lymphoma cells obtained by laser flow cytometry] Isakov BL, et al. **Eksp Onkol** 1984;6(1):73-4 (Eng. Abstr.) **(Rus)**

FLOWMETERS

The laser Doppler: a non-invasive measure of cochlear blood flow. Goodwin PC, et al. **Acta Otolaryngol (Stockh)** 1984 Nov-Dec;98(5-6):403-12

The laser Doppler flowmeter for measuring microcirculation in human nasal mucosa. Olsson P, et al. **Acta Otolaryngol (Stockh)** 1985 Jan-Feb;99(1-2):133-9

Neonatal cerebral blood flow velocity I. An in vitro validation of the pulsed Doppler technique. Lundell BP, et al. **Acta Paediatr Scand** 1984 Nov;73(6):810-5

Quantitative Doppler flowmetry. I. Construction and testing of a duplex scanning system. Smith HJ. **Acta Radiol [Diagn] (Stockh)** 1984;25(4):305-12

Quantification of weal reactions with laser Doppler flowmetry. Comparative blood flow measurements of the oedematous centre and the perilesional flare of skin-prick histamine weals. Serup J, et al. **Allergy** 1985 May; 40(4):233-7

Reproducibility of Doppler aortic blood flow measurements: studies on intraobserver, interobserver and day-to-day variability in normal subjects. Gardin JM, et al. **Am J Cardiol** 1984 Nov 1;54(8):1092-8

Accuracy of determination of changes in cardiac output by transcutaneous continuous-wave Doppler computer. Rose JS, et al. **Am J Cardiol** 1984 Nov 1;54(8):1099-101

Drop-counting flow computer. Burgar CG, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):H286-90

Validation of a third-generation Doppler system for studies of detailed aortic flow. Rumberger JA, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H847-56

Laser-Doppler blood flowmetry of intestinal mucosal hyperemia induced by glucose and bile. Shepherd AP, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G393-7

A technique for monitoring blood flow changes with miniaturized Doppler flow probes. Van Orden DE, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):H1005-9

The assessment of skin blood flow in peripheral vascular disease by laser Doppler velocimetry. Karanfilian RG, et al. **Am Surg** 1984 Dec;50(12):641-4

Oxygen flowmeters [letter] Coppel DL, et al. **Anaesthesia** 1985 Jul;40(7):707

Construction of a microprocessor-controlled pulsed quench-flow apparatus for the study of fast chemical and biochemical reactions. Langowski J, et al. **Anal Biochem** 1984 Oct;142(1):91-7

Flow through the copper kettle flowmeter [letter] DesMarteau JK. **Anesthesiology** 1984 Dec;61(6):789

Evaluation of HealthScan Assess peak flow meters. Darden MD, et al. **Ann Allergy** 1985 Jun;54(6):486-8

A pulsed phase measurement ultrasonic flowmeter for medical gases. Kou AH, et al. **Ann Biomed Eng** 1984; 12(3):263-80

PTFE grafts and Doppler signals [letter] Opie JC. **Ann Thorac Surg** 1985 Jul;40(1):100-1

Doppler testing as an important conservation measure in the treatment of varicose veins. Large J. **Aust NZ J Surg** 1984 Aug;54(4):357-9

The velocity of sound in human blood. Collings AF, et al. **Australas Phys Eng Sci Med** 1984 Jul-Sep;7(3):127-30

Biorheological methods employing the Weissenberg rheogoniometer. King RG, et al. **Biorheology** 1984;Suppl 1:23-34

A grating laser microscope for measurements of blood flow velocity in microvessels. Koyama T, et al. **Biorheology** 1984;Suppl 1:131-4

The erythrocyte-stasis-meter (ESM): a device to determine a universal parameter for the flow characteristics of blood. Radtke H, et al. **Biorheology** 1984;Suppl 1:75-7

Continuous wave Doppler velocimetry as an adjunct to cross sectional echocardiography in the diagnosis of critical left heart obstruction in neonates. Robinson PJ, et al. **Br Heart J** 1984 Nov;52(5):552-6

Transluminal, subselective measurement of coronary artery blood flow velocity and vasodilator reserve in man. Wilson RF, et al. **Circulation** 1985 Jul;72(1):82-92

Patch test irritancy quantified by laser Doppler flowmetry. Wahlberg JE, et al. **Contact Dermatitis** 1984 Oct; 11(4):257-8

A comparison of cutaneous perfusion as determined by laser Doppler velocimetry or sodium fluorescein. Lanzafame RJ, et al. **Curr Surg** 1984 Jul-Aug;41(4):271-4

Quantitative measurement of portal blood flow in patients with chronic liver disease using an ultrasonic Duplex system consisting of a pulsed Doppler flowmeter and B-mode electroscanner. Moriyasu F, et al. **Gastroenterol Jpn** 1984 Dec;19(6):529-36

Evaluation of laser Doppler flowmetry in the assessment of intestinal blood flow in cat. Ahn H, et al. **Gastroenterology** 1985 Apr;88(4):951-7

Laser Doppler velocimetry: a new technique for the measurement of intestinal mucosal blood flow. Feld AD, et al. **Gastrointest Endosc** 1984 Aug;30(4):225-30

A double wavelength laser Doppler system to investigate skin microcirculation. Duteil L, et al. **IEEE Trans Biomed Eng** 1985 Jun;32(6):439-47

The application of classification techniques to biomedical data, with particular reference to ultrasonic Doppler blood velocity waveforms. Evans DH, et al. **IEEE Trans Biomed Eng** 1985 May;32(5):301-11

Quantification of transvalvular pressure differences in aortic stenosis by Doppler ultrasound. Teien D, et al. **Int J Cardiol** 1985 Feb;7(2):121-8

Neonatal endotracheal flowmeter for tidal volume, airway pressure, and end-tidal gas. Brady JP, et al. **J Appl Physiol** 1985 Mar;58(3):1023-5

Using mini peak flow meter. A simple airway monitor in respiratory medicine. Bhasin RC. **J Assoc Physicians India** 1984 Nov;32(11):987-9

Pulsatile poststenotic flow studies with laser Doppler anemometry. Ahmed SA, et al. **J Biomech** 1984; 17(9):695-705

Testing the response of a cardiac output meter using an artificial circulatory system. Grosse C, et al. **J Biomed Eng** 1985 Jul;7(3):237-40

A non-invasive CSF flowmeter. Numoto M, et al. **J Med Eng Technol** 1984 Sep-Oct;8(5):218-20

Flow velocity patterns of the lower limb arteries investigated by a pulsed Doppler ultrasound flowmeter. A study in healthy control subjects. Jørgensen JJ, et al. **J Oslo City Hosp** 1984 Nov-Dec;34(11-12):109-14

Instantaneous aortic blood flow measurement with range-gated Doppler flowmeter in anesthetized rat. Benessiano J, et al. **J Pharmacol Methods** 1985 Sep; 14(2):99-110

A desktop computer to visualize the intraluminal velocity profile and its clinical application. Inokuchi K, et al. **J Vasc Surg** 1984 Nov;1(6):787-94

Measurement of urine flow in catheterised patients using the gravimetric principle. Fenton TR, et al. **Med Biol Eng Comput** 1984 Nov;22(6):605-6

Experimental evaluation of a multisensor velocity-pressure catheter. Nichols WW, et al. **Med Biol Eng Comput** 1985 Jan;23(1):79-83

Flowmeter for slow-flowing physiological liquids. Wickham PJ, et al. **Med Biol Eng Comput** 1984 Sep;22(5):406-10

Validation of the saline-dilution method for measuring cardiac output by simultaneous measurement with a perivascular electromagnetic flowprobe. Voorhees WD 3d, et al. **Med Instrum** 1985 Jan-Feb;19(1):34-7

Doppler techniques and neurosurgery. Eden A. **Neurosurg Rev** 1984;7(2-3):193-7

Asthma and peak flow meters [letter] Davies L. **NZ Med J** 1985 Mar 13;98(774):154-5

Prognostication of myocutaneous flap viability using laser Doppler velocimetry and fluorescein microfluorometry. Cummings CW, et al. **Otolaryngol Head Neck Surg** 1984 Oct;92(5):559-63

Aspects of laser light scattering from skin tissue with application to laser Doppler blood flow measurement. Gush RJ, et al. **Phys Med Biol** 1984 Dec;29(12):1463-76

Use of directional Doppler flow meter in noninvasive evaluation of aortoiliac segment. Dolginow BJ, et al. **Surg Clin North Am** 1985 Apr;65(2):405-9

Peak inspiratory flow: measurement using a modified mini Wright peak flow meter. Depledge MH. **Thorax** 1985 Mar; 40(3):205-6

Repeatable access blood flow (ABF) measurement. Ilstrup K, et al. **Trans Am Soc Artif Intern Organs** 1984;30:338-41

Noninvasive and invasive blood flowmetry in hemodialyzed patients with high blood flow fistulas. Levy BI, et al. **Trans Am Soc Artif Intern Organs** 1984;30:335-7

A combined ultrasonic linear array scanner and pulsed Doppler velocimeter for the estimation of blood flow in the foetus and adult abdomen—II: Clinical evaluation. Griffin DR, et al. **Ultrasound Med Biol** 1985 Jan-Feb; 11(1):37-41

Hemodynamics of the normal human carotid bifurcation: in vitro and in vivo studies. Ku DN, et al. **Ultrasound Med Biol** 1985 Jan-Feb;11(1):13-26

A combined ultrasonic linear array scanner and pulsed Doppler velocimeter for the estimation of blood flow in the foetus and adult abdomen—I: Technical aspects. Teague MJ, et al. **Ultrasound Med Biol** 1985 Jan-Feb; 11(1):27-36

Laser Doppler flux monitored cutaneous response to local cooling and heating. Ninet J, et al. **Vasa** 1985;14(1):38-43

[Determination of blood pressure by a Doppler flowmeter] Jin HK. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Jun;12(2):149-50 **(Chi)**

[Laser Doppler velocimetry applied to the measurement of electrophoretic mobility of suspended cells: the electrophorometer] Stoltz JF, et al. **Agressologie** 1984 Sep; 25(8):937-9 (Eng. Abstr.) **(Fre)**

[Value and limitations of pulsed Doppler echocardiography in the determination of pressure gradients in children] Admant P, et al. **Arch Mal Coeur** 1985 Apr;78(4):594-600 (Eng. Abstr.) **(Fre)**

[Oxygen-nitrous oxide mixing flowmeter with safety feature] Brille P, et al. **Cah Anesthesiol** 1984 May-Jun;32(4):271-5 **(Fre)**

[2 trials of measuring the flow of the intraorbital ophthalmic artery using pulsed Doppler] Rein A, et al. **J Fr Ophtalmol** 1985;8(4):341-3 (Eng. Abstr.) **(Fre)**

[Echotomography and spectral analysis of the Doppler signal in the assessment of carotid lesions] Arbeille P, et al. **J Mal Vasc** 1984;9(3):171-8 (Eng. Abstr.) **(Fre)**

[Ultrasound in the study of fetoplacental circulation] Arbeille P, et al. **J Mal Vasc** 1984;9(4):297-300 (Eng. Abstr.) **(Fre)**

[Transcutaneous measurement of blood flow in arteriovenous fistulae caused by hemodialysis using Doppler ultrasound] Arbeille P, et al. **J Mal Vasc** 1984;9(4):267-71 (Eng. Abstr.) **(Fre)**

[Non-invasive exploration of the deep veins. Therapeutic implications in varicose patients] Battino A, et al. **J Mal Vasc** 1985;10 Suppl A:180-6 (Eng. Abstr.) **(Fre)**

[Value of the so-called 'unravelling' Doppler test at the level of the carotid axes during an examination of a lower-limb arteriopathy] Becker F. **J Mal Vasc** 1985;10 Suppl A:124-6 (Eng. Abstr.) **(Fre)**

[Frequency of cervical arteriopathies demonstrated by a routinely conducted Doppler test on a patients consulting for a lower-limb arteriopathy. Results of a prospective study of 676 patients] Becker F, et al. **J Mal Vasc** 1985; 10 Suppl A:114-23 (Eng. Abstr.) **(Fre)**

[Simultaneous use of ultrasound and pulsed Doppler with spectrum analysis of frequency in diseases of the cervical and cerebral vessels. Initial results] Blard JM, et al. **J Mal Vasc** 1984;9(4):285-96 (Eng. Abstr.) **(Fre)**

[Critical study of the measurement of pulsatile flow in arteritis patients. Value of non-invasive electromagnetic flowmetry] Boccalon H. **J Mal Vasc** 1985;10 Suppl A:20-6 (Eng. Abstr.) **(Fre)**

[Flowmeter monitoring following lumbar sympathectomy] Boccalon H. **J Mal Vasc** 1985;10 Suppl A:88-93 (Eng. Abstr.) **(Fre)**

[Ultrasound measurement of portal blood flow. Initial results in the study of hemopathies] Dauzat M, et al. **J Mal Vasc** 1984;9(4):273-6 (Eng. Abstr.) **(Fre)**

[Monitoring therapeutic arteriovenous fistulas in chronic hemodialysis patients. Value of the continuous Doppler test combined with real-time echotomography] Dubois N, et al. **J Mal Vasc** 1984;9(3):211-4 (Eng. Abstr.) **(Fre)**

[Relative values of carotid ultrasonic diagnosis and the Doppler test] Marchal C, et al. **J Mal Vasc** 1985;10 Suppl A:131-3 (Eng. Abstr.) **(Fre)**

[Diagnosis of peripheral arterial insufficiency in the amateur athlete with claudication and the detection of 'the isolated iliac artery stenosis syndrome in young bicyclists with no risk factors' with the Doppler and rolling carpet tests] Monti M, et al. **Rev Med Suisse Romande** 1984 Oct; 104(10):823-30 **(Fre)**

[Doppler sonography in intracranial circulation disorders of the internal carotid artery. A comparative Doppler sonography-angiography study] Biedert S, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(6):378-89 (Eng. Abstr.) **(Ger)**

[Supraglottal registration of phonatory airflow with a heated wire anemometer probe] Müsebeck K, et al. **Folia Phoniatr (Basel)** 1985;37(1):22-30 (Eng. Abstr.) **(Ger)**

[Ultrasonic Doppler method for noninvasive determination of fetal blood flow volumes] Kurz CS, et al. **Ultraschall Med** 1985 Apr;6(2):90-6 (Eng. Abstr.) **(Ger)**

[Quantitative measurement of blood flow with an 128-channel Doppler device. Present status of research and future outlook] Marquis C, et al. **Ultraschall Med** 1985 Apr; 6(2):83-9 (Eng. Abstr.) **(Ger)**

[Quantitative determination of blood flow in the internal jugular vein using ultrasound] Müller HR. **Ultraschall Med** 1985 Feb;6(1):51-4 (Eng. Abstr.) **(Ger)**

[Spectral analysis of continuous Doppler signals of the extracranial carotid artery. A comparison of several measurement procedures for the detection of nonstenosing wall changes] Hennerici M, et al. **Vasa** 1985;14(2):131-8 (Eng. Abstr.) **(Ger)**

[Construction, evaluation and use of a thermistor anemometer for measuring volume streams within the scope of emmission measurement procedures] Herbarth O, et al. **Z Gesamte Hyg** 1984 Jul;30(7):416-9 (Eng. Abstr.) **(Ger)**

[Doppler study of circulatory changes in the early postoperative period after vascular surgery] Fórizs Z, et al. **Orv Hetil** 1985 May 5;126(18):1093-4, 1097-8 (Eng.

Abstr.) (Hun)

[Evaluation of capillary flowmeters for the intravenous administration of fluids] De Salvo L, et al. **Minerva Anestesiol** 1984 Oct;50(10):511-4 (Eng. Abstr.) (Ita)

[Continuous venous infusion via capillary flowmeters] De Salvo L, et al. **Minerva Anestesiol** 1984 Nov;50(11):547-9 (Eng. Abstr.) (Ita)

[Uroflowmetry in the diagnosis of urination pathology in women. Preliminary report] Merlo F, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4):375-80 (Eng. Abstr.) (Ita)

[Development of high-frequency ultrasonic Doppler flowmeters] Ogasawara Y. **Iyodenshi To Seitai Kogaku** 1984 Sep;22(5):366-7 (Jpn)

[Current status of pulsed Doppler method] Matsuo H, et al. **J Cardiogr** 1984;14 Suppl 2:27-39 (Jpn)

[Pre-ejection flow in the left ventricular outflow tract elucidated by pulsed Doppler technique] Mizushige K, et al. **J Cardiogr** 1984 Oct;14(3):507-19 (Eng. Abstr.) (Jpn)

[Measurement of aortic blood flow and its clinical application] Yoshimura S. **J Cardiogr** 1984;14 Suppl 2:41-52 (Jpn)

[Determination of cerebral blood flow by laser Doppler velocimeter] Ikeda A, et al. **Nippon Rinsho** 1985 Feb; 43(2):299-303 (Jpn)

[Blood flow measurement: a. Laser Doppler measurements of the blood flow] Kajiya F, et al. **Nippon Rinsho** 1984 Dec;42(12):2737-43 (14 ref.) (Jpn)

[Determination of cerebral blood flow using an electromagnetic flowmeter] Shima T, et al. **Nippon Rinsho** 1985 Feb;43(2):283-9 (Jpn)

[Blood flow measurement: b. Pulsed ultrasonic doppler blood flow measurement] Yoshida K, et al. **Nippon Rinsho** 1984 Dec;42(12):2744-52 (16 ref.) (Jpn)

[Determination of cerebral blood flow by ultrasound Doppler flowmetry] Yoshida S. **Nippon Rinsho** 1985 Feb;43(2):290-8 (46 ref.) (Jpn)

[Fundamental studies on the measurement of skin blood flow by a periflux laser doppler flowmeter and its clinical application] Hatanaka H, et al. **Rinsho Byori** 1984 Sep; 32(9):1025-8 (Jpn)

[Method of calculating momentary blood velocity, mean velocity, vascular diameter and volume of blood flowing through the vessels using pulse-Doppler flowmeter UDP-30] Nowicki A, et al. **Wiad Lek** 1984 May 1; 37(9):724-31 (Eng. Abstr.) (Pol)

[Simultaneous vessel catheterization and placement of the transducer of an electromagnetic flowmeter on the portal vein of the cow] Aliev AA, et al. **Fiziol Zh SSSR** 1984 Nov;70(11):1585-8 (Rus)

[Role of digital photoplethysmography and Doppler study in the diagnosis of functional disorders of the microcirculation] Soro P, et al. **Angiologia** 1985 May-Jun; 37(3):111-9 (Eng. Abstr.) (Spa)

[Simple exploratory flowmeters in the preoperative evaluation of pulmonary function] Litvan H, et al. **Rev Esp Anestesiol Reanim** 1984 Jul-Aug;31(4):141-3 (Eng. Abstr.) (Spa)

ECONOMICS

Cost-effective uroflowmetry in men. Bloom DA, et al. **J Urol** 1985 Mar;133(3):421-4

STANDARDS

Efficacy of the ejector flow-meter. A scavenging device for anaesthetic gases. Obel D, et al. **Acta Anaesthesiol Scand** 1985 Jan;29(1):125-9

Correlation between fluorescein flowmetry, 133Xenon clearance and electromagnetic flow measurement: a study in the intestine of the pig. Perbeck L, et al. **Clin Physiol** 1985 Jun;5(3):293-9

FLOXACILLIN see under **CLOXACILLIN**

FLOXURIDINE see **FLUORODEOXYURIDINE**

FLUBENISOLONE see **BETAMETHASONE**

FLUCYTOSINE see under **CYTOSINE**

FLUDROCORTISONE

THERAPEUTIC USE

Anti-inflammatory drugs in experimental atherosclerosis. Part 6. Combination therapy with steroid and non-steroid agents. Bailey JM, et al. **Atherosclerosis** 1985 Feb; 54(2):205-12

[Fludrocortisone substitution in adrenal cortex insufficiency] Jungmann E, et al. **Dtsch Med Wochenschr** 1985 May 24; 110(21):850-1 (Ger)

FLUDROXYCORTID see **FLURANDRENOLONE**

FLUFENAMIC ACID

ANALOGS & DERIVATIVES

Allergic dermatitis from etofenamate. Balato N, et al. **Contact Dermatitis** 1984 Sep;11(3):190

Contact urticaria to etofenamate. Piñol J, et al. **Contact Dermatitis** 1984 Aug;11(2):132-3

ANALYSIS

pH-induced difference spectrophotometric methods for drug analysis. Part 2: Determination of mefenamic and flufenamic acid. Hassan SM, et al. **Pharmazie** 1984 Oct; 39(10):691-3

PHARMACODYNAMICS

The fibrinolytic action of flufenamate and its influence on plasminogen binding to fibrin. Chevallet-Prandini MH, et al. **Thromb Res** 1985 Jun 1;38(5):481-9

THERAPEUTIC USE

Anti-inflammatory drugs in experimental atherosclerosis. Part 6. Combination therapy with steroid and non-steroid agents. Bailey JM, et al. **Atherosclerosis** 1985 Feb; 54(2):205-12

Flufenamic acid in prostaglandin migraine. Carasso RL, et al. **Int J Neurosci** 1985 Jul;27(1-2):67-71

FLUFENAZIN see **FLUPHENAZINE**

FLUID BALANCE see **WATER-ELECTROLYTE BALANCE**

FLUID THERAPY

Evaluation of Talbot's safety zone of infusion volume and osmolality in infusion therapy for decompensated liver cirrhosis. Yuasa S, et al. **Acta Med Okayama** 1985 Jun; 39(3):179-90

Unsuccessful oral rehydration therapy in an infant with enteropathogenic E. coli diarrhoea. Studies of fluid and electrolyte homeostasis. Marin L, et al. **Acta Paediatr Scand** 1985 May;74(3):477-9

Oral rehydration therapy in infectious diarrhoea. Comparison of rehydration solutions with 60 and 90 mmol sodium per litre. Sökücü S, et al. **Acta Paediatr Scand** 1985 Jul; 74(4):489-94

Colloid and crystalloid fluid resuscitation. Falk JL, et al. **Acute Care** 1983-84;10(2):59-94 (230 ref.)

Cardiopulmonary effects of volume expansion in man: radiographic manifestations. Luft FC, et al. **AJR** 1985 Feb; 144(2):289-93

Rapid fluid resuscitation by use of two intravenous lines and a subclavian hemodialysis catheter. Silfen EZ, et al. **Am J Emerg Med** 1984 Mar;2(2):157-9

Survival after severe hypernatremia due to salt ingestion by an adult. Addleman M, et al. **Am J Med** 1985 Jan; 78(1):176-8

Hyperosmolar hyperglycemic nonketotic syndrome. Report of 22 cases and brief review. Khardori R, et al. **Am J Med** 1984 Nov;77(5):899-904

Peripartum colloid osmotic pressure changes: effects of controlled fluid management. Gonik B, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):812-5

Effect of maternal intravenous infusions on fetal extracellular fluid composition in pregnant ewes. Golden SM, et al. **Am J Perinatol** 1985 Jul;2(3):189-93

Fluid loading increases oxygen consumption in septic patients with lactic acidosis. Haupt MT, et al. **Am Rev Respir Dis** 1985 Jun;131(6):912-6

Major errors in thermodilution cardiac output measurement during rapid volume infusion. Wetzel RC, et al. **Anesthesiology** 1985 May;62(5):684-7

Transcutaneous oxygen tension measurements during graded hemorrhage and reinfusion. Dronen SC, et al. **Ann Emerg Med** 1985 Jun;14(6):534-9

Control of intraabdominal hemorrhage and shock: a comparison of fluid resuscitation, MAST, and balloon occlusion. Low RB, et al. **Ann Emerg Med** 1985 Jun; 14(6):540-6

Prevention of acute tubular necrosis in cadaveric kidney transplantation by the combined use of mannitol and moderate hydration. Tiggeler RG, et al. **Ann Surg** 1985 Feb;201(2):246-51

Hypernatraemic dehydration in infants in Kuwait with special reference to therapy of associated metabolic acidosis. John AI, et al. **Ann Trop Paediatr** 1984 Dec; 4(4):221-4

Oral rehydration solutions and electrolyte content of water [letter] Mir NA, et al. **Arch Dis Child** 1984 Sep;59(9):903

Against the emerging stream. Should fluids and nutritional support be discontinued? Siegler M, et al. **Arch Intern Med** 1985 Jan;145(1):129-31

Postoperative albumin infusion therapy based on colloid osmotic pressure. A prospectively randomized trial. Grundmann R, et al. **Arch Surg** 1985 Aug;120(8):911-5

The care of infants with gastroenteritis [letter] Easton HG. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1541-2

WHO and UNICEF recommend new oral rehydration salts (ORS) formulation. **Bull Pan Am Health Organ** 1985; 19(1):99-101

Transient paradoxical renal vasoconstriction following cardiac operation. Treatment with volume depletion. Heinsohn ME, et al. **Chest** 1985 Feb;87(2):257-8

Daily calorie and fluid calculations in the intensive care nursery using a pocket computer. Yamamoto LG. **Clin Pediatr (Phila)** 1985 Oct;24(10):562-4

Effect of hydration on experimentally induced cerebral edema. Morse ML, et al. **Crit Care Med** 1985 Jul; 13(7):563-5

Preoperative acute volume loading in patients with pheochromocytoma. Pinaud M, et al. **Crit Care Med** 1985 Jun;13(6):460-3

The effect of perioperative hydration in allogenic renal graft recipients. Bláha J, et al. **Czech Med** 1985;8(2):78-83

Management of acute childhood diarrhoea with oral rehydration therapy at Kenyatta National Hospital, Nairobi, Kenya. Kinoti SN, et al. **East Afr Med J** 1985 Jan;62(1):5-11

Dehydration and fluid therapy. Gottlieb RP. **Emerg Med Clin North Am** 1983 Apr;1(1):113-23 (26 ref.)

Citrate in oral rehydration therapy [letter] **Gut** 1985 Apr; 26(4):429

The effects of fluid resuscitation in the critically ill patient. Howard M, et al. **Heart Lung** 1984 Nov;13(6):649-54

Commercial oral rehydrating solutions and hypernatremia. Lionel J, et al. **Indian Pediatr** 1984 Aug;21(8):595-9

Bacterial contamination of oral rehydration solution. Venkateswarlu K, et al. **Indian Pediatr** 1984 Sep; 21(9):707-11

Intravenous fluid contamination, Aegean-style. Goldmann DA. **Infect Control** 1984 Oct;5(10):469-70

Enterobacter sepsis in infants and children due to contaminated intravenous fluids. Matsaniotis NS, et al. **Infect Control** 1984 Oct;5(10):471-7

Plasma arginine vasopressin response to water load during labor. Singhi S, et al. **Int J Gynaecol Obstet** 1985 Feb; 23(1):37-40

Super ORT [editorial] Greenough WB. **J Diarrhoeal Dis Res** 1983 Jun;1(2):74-5

ORT III: a dilemma for policy makers, a confusion for parents [editorial] Hull TH. **J Diarrhoeal Dis Res** 1985 Mar; 3(1):1-6

In search of a super oral rehydration solution: can optimum use of organic solute-mediated sodium absorption lead to the development of an absorption promoting drug? Mahalanabis D, et al. **J Diarrhoeal Dis Res** 1983 Jun; 1(2):76-81 (23 ref.)

Home-based education of mothers in treatment of diarrhoea with oral rehydration solution. Sachar RK, et al. **J Diarrhoeal Dis Res** 1985 Mar;3(1):29-31

The growth of micro-organisms in intravenous fluids. Garcia-Caballero J, et al. **J Hosp Infect** 1985 Jun;6(2):154-7

Intravenous fluid loading as prophylaxis for paradoxical air embolism. Colohan AR, et al. **J Neurosurg** 1985 Jun; 62(6):839-42

Oral electrolyte/glucose solutions: 1984. Finberg L. **J Pediatr** 1984 Dec;105(6):939-40

Oral hydration solutions: experimental optimization of water and sodium absorption. Lifshitz F, et al. **J Pediatr** 1985 Mar;106(3):383-9

Oral rehydration of infants in a large urban U.S. medical center. Tamer AM, et al. **J Pediatr** 1985 Jul;107(1):14-9

Oral rehydration, rapid feeding, and cholestyramine for treatment of acute diarrhea. Isolauri E, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):366-74

Outpatient use of oral rehydration solutions in Apache population: effect of instructions on preparation and contamination. Santosham M, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):687-91

Oral rehydration therapy: combining anthropological and epidemiological approaches in the evaluation of a Papua New Guinea programme. Frankel SJ, et al. **J Trop Med Hyg** 1984 Jun;87(3):137-42

Treatment of infantile diarrhoea with standard oral rehydration solution and early introduction of milk feeds. Samadi AR, et al. **J Trop Pediatr** 1985 Jun;31(3):162-6

Court responses to withholding or withdrawing artificial nutrition and fluids. Paris JJ, et al. **JAMA** 1985 Apr 19; 253(15):2243-5

The use of the World Health Organization's oral rehydration solution in patients on home parenteral nutrition. MacMahon RA. **JPEN** 1984 Nov-Dec;8(6):720-1

Sodium balance in low birthweight babies after oral rehydration [letter] Abdalla S, et al. **Lancet** 1985 Mar 30; 1(8431):757

Measurement of total body water in intensive care patients with fluid overload. Streat SJ, et al. **Metabolism** 1985 Jul; 34(7):688-94

Defining appropriate medical care: providing nutrients and hydration for the dying. Curran WJ. **N Engl J Med** 1985 Oct 10;313(15):940-2

Update on oral rehydration: its place in treatment of acute gastroenteritis. Tolia VK, et al. **Pediatr Ann** 1985 Apr; 14(4):295, 298-9, 302-3

Treatment of acute diarrhea. Hamilton JR. **Pediatr Clin North Am** 1985 Apr;32(2):419-27 (28 ref.)

Rehydration therapy [letter] Barness LA. **Pediatrics** 1985 Apr;75(4):802

American Academy of Pediatrics Committee on Nutrition: Use of oral fluid therapy and posttreatment feeding following enteritis in children in a developed country. Mauer AM, et al. **Pediatrics** 1985 Feb;75(2):358-61

Diabetic ketoacidosis. How to treat and, when possible, prevent. Bergenstal RM. **Postgrad Med** 1985 Feb 1; 77(2):151-7, 161

Dextrolyte in the management of children with acute gastroenteritis. Trounce JQ, et al. **Practitioner** 1985 Jan; 229(1399):80-2

The buffering capacity of crystalloid and colloid resuscitation solutions. Traverso LW, et al. **Resuscitation** 1985 Mar; 12(4):265-70

Ethnomedicine and oral rehydration therapy: a case study of ethnomedical investigation and program planning. Kendall C, et al. **Soc Sci Med** 1984;19(3):253-60

Cardiac response to fluid resuscitation from hemorrhagic shock. Horton J, et al. **Surg Gynecol Obstet** 1985 May; 160(5):444-52

Tenckhoff catheter administration of intraperitoneal fluid and electrolytes for long-term management of intractable ileostomy diarrhea: a case report. August DA, et al. **Surgery** 1985 Feb;97(2):237-41

Oral rehydration therapy in the home by village mothers in Burma. Thane-Toe, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):581-9

Simplified management of fluid and electrolyte problems. 2--Assessment of treatment, complications, and central venous pressure. Eggleston FC. **Trop Doct** 1985 Jul; 15(3):111-7

[The elimination of bacteria from the bladder in geriatric patients] Cools HJ. **Ned Tijdschr Geneeskd** 1984 Sep 29; 128(39):1835-9 (Eng. Abstr.) **(Dut)**

[Comparative effects of the WHO solution and of a simplified solution in infants with acute diarrhea] Ben Mansour A, et al. **Ann Pediatr (Paris)** 1985 Mar 25;32(3 Pt 2):315-20 (Eng. Abstr.) **(Fre)**

[Acute diarrhea in infants in Tunisia] Hamza B, et al. **Bull Acad Natl Med (Paris)** 1984 Oct-Nov;168(7-8):959-70 **(Fre)**

[Behavior of renal filtration performance in the massive intraoperative administration of crystalloid solutions] Lackner F, et al. **Infusionsther Klin Ernahr** 1985 Apr; 12(2):101-5 (Eng. Abstr.) **(Ger)**

[Perioperative water-electrolyte therapy in urologic surgery in childhood] Balossi P, et al. **Pediatr Med Chir** 1984 Jan-Feb;6(1):137-9 (Eng. Abstr.) **(Ita)**

[Oral rehydration—some current aspects] Sperotto G, et al. **Arq Gastroenterol** 1984 Apr-Jun;21(2):88-90 (Eng. Abstr.) **(Por)**

[Hemodynamic disorders and their correction in middle-aged and old patients after operations on the extrahepatic bile duct] Dolina OA, et al. **Anesteziol Reanimatol** 1984 Jul-Aug;(4):8-12 (Eng. Abstr.) **(Rus)**

[The Oral Hydration Service of the Hospital Infantil de México Federico Gómez (editorial)] Mota-Hernández F, et al. **Bol Med Hosp Infant Mex** 1984 Sep;41(9):457-9 **(Spa)**

[Correction of water-electrolyte imbalance in newborn infants using rehydration by the oral route] Palacios-Treviño JL, et al. **Bol Med Hosp Infant Mex** 1985 Mar;42(3):188-91 (Eng. Abstr.) **(Spa)**

[In search of the ideal solution for oral rehydration] Pizarro Torres D. **Bol Med Hosp Infant Mex** 1985 Jan;42(1):3-8 **(Spa)**

[Rehydration by the oral route in newborn infants dehydrated by acute diarrheal disease] Umaña MA, et al. **Bol Med Hosp Infant Mex** 1984 Sep;41(9):460-3 (Eng. Abstr.) **(Spa)**

[Ambulatory treatment of the child dehydrated by acute diarrhea] Velásquez-Jones L, et al. **Bol Med Hosp Infant Mex** 1985 Apr;42(4):220-5 (Eng. Abstr.) **(Spa)**

[Medical procedures for the oral hydration of children with diarrhea] Velásquez-Jones L, et al. **Bol Med Hosp Infant Mex** 1984 Sep;41(9):505-11 (Eng. Abstr.) **(Spa)**

[Acute diarrhea syndrome. Rehydration and maintenance therapy using oral gluco-electrolyte formulas] Duffau Toro G, et al. **Bol Of Sanit Panam** 1985 Feb;98(2):136-43 (Eng. Abstr.) **(Spa)**

[Acute diarrheal disease. Treatment of dehydration] Pizarro D, et al. **GEN** 1983 Jan-Jun;37(1-2):82-106 **(Spa)**

[Treatment of diarrheal disease in newborn infants] Pizarro Torres D. **GEN** 1983 Jan-Jun;37(1-2):69-81 **(Spa)**

ADVERSE EFFECTS

Lung water increases with fluid administration during CPPV after pulmonary microembolization. Noble WH, et al. **Anesthesiology** 1984 Dec;61(6):703-7

Intrapartum infusion of aqueous glucose solution, transplacental hyponatraemia and risk of neonatal jaundice. Singhi S, et al. **Br J Obstet Gynaecol** 1984 Oct; 91(10):1014-8

Bone marrow rehydration [letter] Brewster D. **Cent Afr J Med** 1985 Feb;31(2):42-3

Tetany during intravenous rehydration in an infant: a case report. Marigi WK. **East Afr Med J** 1984 Nov;61(11):863

Dangers of high-dose quinine and overhydration in severe malaria [letter] Hall A. **Lancet** 1985 Jun 22;1(8443):1453-4

Median and ulnar nerve palsies after infiltration of intravenous fluid [letter] Dunn D, et al. **South Med J** 1984 Oct;77(10):1345

EDUCATION

Training rural health staff for oral rehydration therapy in southern Sudan. Hetta OM, et al. **Trop Doct** 1984 Oct; 14(4):151-4

INSTRUMENTATION

Technical limitations in the rapid infusion of intravenous fluids. Aeder MI, et al. **Ann Emerg Med** 1985 Apr; 14(4):307-10

Effects of rapid infusion with high pressure and large-bore i.v. tubing on red blood cell lysis and warming. Mateer JR, et al. **Ann Emerg Med** 1985 Oct;14(10):966-9

[Continuous venous infusion via capillary flowmeters] De Salvo L, et al. **Minerva Anestesiol** 1984 Nov;50(11):547-9 (Eng. Abstr.) **(Ita)**

[An infusion-transfusion calculator] Shifrin GA, et al. **Med Tekh** 1984 Jul-Aug;(4):48-50 (Eng. Abstr.) **(Rus)**

METHODS

Advances in therapy of diarrheal dehydration: oral rehydration. Levine MM, et al. **Adv Pediatr** 1984;31:207-34

Oral glucose-electrolyte solutions [editorial] Finberg L. **Am J Dis Child** 1985 Jun;139(6):552

Microwave heating of intravenous fluids. Anshus JS, et al. **Am J Emerg Med** 1985 Jul;3(4):316-9

Effects of high infusion pressure and large-bore tubing on intravenous flow rates. Mateer JR, et al. **Am J Emerg Med** 1985 May;3(3):187-9

Microwave ovens. A safe new method of warming crystalloids. Werwath DL, et al. **Am Surg** 1984 Dec; 50(12):656-9

Large volume crystalloid resuscitation does not increase extravascular lung water. Gallagher TJ, et al. **Anesth Analg** 1985 Mar;64(3):323-6

Rapid flow rates for the resuscitation of hypovolemic shock. Dula DJ, et al. **Ann Emerg Med** 1985 Apr;14(4):303-6

Method for rapid fluid replacement questioned [letter] Iserson KV, et al. **Ann Emerg Med** 1984 Nov;13(11):1080-1

Fluid replacement during hypothermia. Roberts DE, et al. **Aviat Space Environ Med** 1985 Apr;56(4):333-7

Mixed rehydration. Posada G, et al. **Bull Pan Am Health Organ** 1985;19(1):40-4

Ascitic fluid concentrating device and concentrate reinfusion in treatment of refractory or massive ascites. Clinical trial in 40 patients. Huang MX, et al. **Chin Med J [Engl]** 1985 Jan;98(1):7-12

Oral rehydration of neonates and young infants with dehydrating diarrhea. Sachdev HP, et al. **Indian Pediatr** 1984 Mar;21(3):195-9

Effect of some simple manoeuvres on the course of acute renal failure after gentamycin treatment in rats. Heller J. **Int Urol Nephrol** 1984;16(3):243-51

Hypodermoclysis in the home [letter] Schen RJ, et al. **J Am Geriatr Soc** 1984 Dec;32(12):944

Accuracy of mixing oral rehydration solution at home by Egyptian mothers. el-Mougi M, et al. **J Diarrhoeal Dis Res** 1984 Sep;2(3):159-61

Oral rehydration of neonates and young infants with dehydrating diarrhea: comparison of low and standard sodium content in oral rehydration solutions. Bhargava SK, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):500-5

Oral rehydration therapy in acute diarrhoea in childhood. Booth IW, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep; 3(4):491-9 (97 ref.)

Oral rehydration for the low-birthweight baby with diarrhoea [letter] Abdalla S, et al. **Lancet** 1984 Oct 6; 2(8406):818-9

Mothers can prepare and use rice-salt oral rehydration solution in rural Bangladesh. Rahman AS, et al. **Lancet** 1985 Sep 7;2(8454):539-40

Oral rehydration for low birth weight baby with diarrhoea [letter] Sachdev HP. **Lancet** 1984 Dec 22;2(8417-18):1474

Oral rehydration therapy for acute diarrhea in ambulatory children in the United States: a double-blind comparison of four different solutions. Santosham M, et al. **Pediatrics** 1985 Aug;76(2):159-66

Central on-site preparation of substitution fluid for hemofiltration. Luehmann D, et al. **Trans Am Soc Artif Intern Organs** 1984;30:195-8

[An example of false economy] Fliers EA, et al. **Ned Tijdschr Geneeskd** 1984 Nov 24;128(47):2209-10 **(Dut)**

[Nonspecific therapy of acute infectious diarrhea] Gyr K. **Schweiz Med Wochenschr [Suppl]** 1984;17:19-22 (Eng. Abstr.) **(Ger)**

[Effects of rapid infusion on renal excretion--comparisons between maintenance salt solution and lactated Ringer's solution and between racemic lactated solution and L-lactated one] Miyake T, et al. **Masui** 1985 Feb; 34(2):228-35 (Eng. Abstr.) **(Jpn)**

[Oral hydration in infants hospitalized for acute diarrheic syndrome, using formulations of different energy densities] Duffau-Toro G, et al. **Bol Med Hosp Infant Mex** 1985 Jan;42(1):9-15 (Eng. Abstr.) **(Spa)**

[Comparison between oral and parenteral rehydration in children with dehydration caused by gastroenteritis] Sánchez-Arenas PM, et al. **Bol Med Hosp Infant Mex** 1985 Jan;42(1):16-20 (Eng. Abstr.) **(Spa)**

NURSING

[Symptoms of children during venous infusions] Tang DJ. **Chung Hua Hu Li Tsa Chih** 1985 Jun;20(3):159-60 **(Chi)**

STANDARDS

Preparation and quality control of hand-packaged oral rehydration salt sachets. Ali MA, et al. **J Diarrhoeal Dis Res** 1984 Sep;2(3):162-7

Bicarbonate loss from commercial oral rehydration solution [letter] Rolston DD, et al. **Lancet** 1985 Mar 16; 1(8429):638-9

VETERINARY

Practical fluid therapy for small animals. Waterman A. **In Pract** 1984 Sep;6(5):143-50

Venous administration of hypertonic fluids [letter] Frost P, et al. **Vet Rec** 1985 Jun 29;116(26):698

[Fluid therapy in the dog and the cat] Parrisius R, et al. **Tierarztl Prax** 1985;13(1):81-103 (34 ref.) (Eng. Abstr.) **(Ger)**

FLUKES see TREMATODA

FLUMETHASONE

ANALOGS & DERIVATIVES

Analysis of flumethasone pivalate formulations by high-performance liquid chromatography. Lodge BA, et al. **J Chromatogr** 1984 Oct 5;301(2):477-80

PHARMACODYNAMICS

Stimulation of androgen and oestrogen concentrations in plasma of cows after administration of a synthetic glucocorticoid (flumethasone) at the end of gestation. Möstl E, et al. **J Endocrinol** 1985 Apr;105(1):121-6

FLUNITRAZEPAM

Sublingual flunitrazepam for premedication. Hüttel MS, et al. **Acta Anaesthesiol Scand** 1985 Feb;29(2):209-11

Conformational equilibria in flunitrazepam due to sp2-sp2 carbon-carbon single bond rotational isomerism. Finner E, et al. **Arch Pharm (Weinheim)** 1984 Dec;317(12):1050-3

[A sedative, flunitrazepam] **Cah Anesthesiol** 1984 Dec;32(8 Suppl):5-73 **(Fre)**

[Importance of flunitrazepam as a potentiator of narco-analgesia] Augagneur A. **Cah Anesthesiol** 1984 Dec; 32(8 Suppl):29-31 **(Fre)**

[Combined flunitrazepam-fentanyl and curare in emergency internal surgery] Barrois V, et al. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):25-8 **(Fre)**

[Anesthesia with flunitrazepam/fentanyl in the severe coronary patient. Hemodynamic study] Bastien O, et al. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):65-8 (Eng. Abstr.) **(Fre)**

[A narcotic ketamine-flunitrazepam combination for cesarean section] Bonnardot JP. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):51-3 **(Fre)**

[Importance of the ketamine-flunitrazepam combination in elective abortion] Cordebar R. **Cah Anesthesiol** 1984 Dec; 32(8 Suppl):59-63 **(Fre)**

[Importance of flunitrazepam as a complement to peridural anesthesia in aged subjects and in those presenting risk factors in orthopedic surgery] Gobeaux D. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):33-5 **(Fre)**

[Flunitrazepam-fentanyl for the intracavitary placement of pacemakers] Herbeau C, et al. **Cah Anesthesiol** 1984 Dec; 32(8 Suppl):69-73 (Eng. Abstr.) **(Fre)**

[Use of flunitrazepam in balneotherapy of the burned patient] Meignier M, et al. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):55-7 **(Fre)**

[Comparison of the effects of flunitrazepam and diazepam used in premedication] Parraguette J, et al. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):7-9 **(Fre)**

[Axillary block of the brachial plexus and flunitrazepam premedication in surgery of the upper limb (study of 1,500 cases)] Pech C, et al. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):37-40 (Eng. Abstr.) **(Fre)**

[Use of flunitrazepam in cerebral arteriography] Sancier A, et al. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):49-50 **(Fre)**

[Use of flunitrazepam during cranial tomodensitometric examinations] Sancier A, et al. **Cah Anesthesiol** 1984 Dec; 32(8 Suppl):47-8 **(Fre)**

[The flunitrazepam-phenoperidine combination in neuroradiology without intubation] Soret J. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):41-5 **(Fre)**

[Anesthesia in surgery of calcified aortic stenosis] Zerr C, et al. **Cah Anesthesiol** 1984 Oct;32(6):457-65 **(Fre)**

[Premedication in local anesthesia] Honegger H, et al. **Fortschr Ophthalmol** 1984;81(3):234-7 (Eng. Abstr.) **(Ger)**

[Anesthesiologic use of flunitrazepam for reduction and stabilization of fractures with flexible nails in elderly high-risk patients] Palumbo A, et al. **Minerva Anestesiol** 1984 Dec;50(12):635-40 (Eng. Abstr.) **(Ita)**

ADMINISTRATION & DOSAGE

[Comparison of the efficacy of flunitrazepam as premedication in pediatric anesthesia, according to the route of administration (intramuscular, intrarectal)] Emperaire N, et al. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):11-5 **(Fre)**

[Premedication by rectal route. Comparative study of 3 dosages of flunitrazepam] Estève C, et al. **Cah Anesthesiol** 1984 Sep;32(5):369-72 **(Fre)**

[Flunitrazepam by the rectal route as premedication in children] Rosele B, et al. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):17-9 **(Fre)**

[A diagnostic pitfall. Accidental absorption of flunitrazepam (letter)] Devoize JL, et al. **Presse Med** 1984 Sep 29;

13(33):2022 (Fre)

[High dosage thalamonal/rohypnol for premedication (letter)] Höfling S. **Anaesthesist** 1985 May;34(5):261-4 (Ger)

ADVERSE EFFECTS

Respiratory depression following orally administered flunitrazepam for preanesthetic medication in children. Forster A, et al. **Anesthesiology** 1984 Nov;61(5):597-601

[Diplopia and hypersomnia caused by flunitrazepam (letter)] Trechot P, et al. **Presse Med** 1985 Jun 1;14(22):1247 (Fre)

BLOOD

Pharmacokinetics of flunitrazepam after single rectal administration in children. Rey E, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:206-12

METABOLISM

Thyroxine effect on astroglial flunitrazepam binding. Tardy M, et al. **Cell Mol Biol** 1984;30(5):459-61

Developmental hyperthermic seizures alter adult hippocampal benzodiazepine binding and morphology. Chisholm J, et al. **Epilepsia** 1985 Mar-Apr;26(2):151-7

Enhancement of brain [3H]flunitrazepam binding and analgesic activity of synthetic cannabimimetics. Koe BK, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):201-12

Flunitrazepam binding to intact and homogenized astrocytes and neurons in primary cultures. Bender AS, et al. **J Neurochem** 1984 Nov;43(5):1319-27

Allosteric modulation of flunitrazepam binding to rat brain benzodiazepine receptors by methyl beta-carboline-3-carboxylate. Chiu TH, et al. **J Neurochem** 1985 Jan;44(1):306-9

Photoaffinity labeling of different benzodiazepine receptors at physiological temperature. Eichinger A, et al. **J Neurochem** 1984 Dec;43(6):1745-8

Effects of guanyl nucleotides on [3H]flunitrazepam binding to rat hippocampal synaptic membranes: equilibrium binding and dissociation kinetics. Fung SC, et al. **J Neurochem** 1985 Jan;44(1):233-9

Effects of pentobarbital on t-[35S]butylbicyclophosphorothionate and [3H]flunitrazepam binding to membrane-bound and solubilized preparations from rat forebrain. Richter JA, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):125-33

Partial chemical characterization of cyclopyrrolones ([3H] suriclone) and benzodiazepines ([3H]flunitrazepam) binding site: differences. Zundel JL, et al. **Life Sci** 1985 Jun 10; 36(23):2247-55

Kinetic differences between type I and type II benzodiazepine receptors. Trifiletti RR, et al. **Mol Pharmacol** 1984 Sep;26(2):228-40

Further characterization of [3H] flunitrazepam binding sites on cultured mouse astroglia. Tardy M, et al. **Neurochem Res** 1985 Jun;10(6):809-17

PHARMACODYNAMICS

Flunitrazepam and lormetazepam do not affect the pharmacokinetics of the benzodiazepine antagonist Ro 15-1788. Klotz U, et al. **Br J Clin Pharmacol** 1985 Jan; 19(1):95-8

Sleep and wake after benzodiazepine hypnotics: a 20-hour EEG comparison of lormetazepam and flunitrazepam. Timsit-Berthier M, et al. **Curr Med Res Opin** 1985; 9(8):552-9

Naltrexone-reversible effects of flunitrazepam on locomotor activity and passive avoidance behaviour in mice. Castellano C, et al. **Eur J Pharmacol** 1984 Sep 3; 104(1-2):111-6

Intravenous flunitrazepam (Rohypnol) in conservative and restorative dentistry. Breen TF. **J Int Med Res** 1985; 13(1):74-6

[Effects of injectable flunitrazepam on hepatic and cardiac output in man] Philip F, et al. **Ann Fr Anesth Reanim** 1985; 4(1):14-6 (Eng. Abstr.) (Fre)

[Comparative study of 2 hypnotics, flunitrazepam and triazolam, on sleeping. Psychometric evaluation and pharmacokinetic correlation] Fayat-Picard J, et al. **Ann Med Psychol (Paris)** 1984 May;142(5):688-96 (Fre)

THERAPEUTIC USE

Oral flunitrazepam in the prevention of local anaesthetic-induced convulsions in mice. Vatashsky E, et al. **Can Anaesth Soc J** 1984 Nov;31(6):646-9

[Importance of flunitrazepam for the reduction of bleeding in rhinoplasty] Meites G, et al. **Cah Anesthesiol** 1984 Dec; 32(8 Suppl):21-3 (Fre)

[High-dose thalamonal-rohypnol for premedication. A randomized double-blind study] Tolksdorf W, et al. **Anaesthesist** 1984 Oct;33(10):489-92 (Eng. Abstr.) (Ger)

[Evaluation of the effect of flunitrazepam on the lower esophageal sphincter in man with intraluminal manometry] Mussa A, et al. **Minerva Med** 1984 Oct 20;75(40):2369-71 (Eng. Abstr.) (Ita)

TOXICITY

[Toxic genetic effects of flunitrazepam] Staiano N, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2247-53 (Eng. Abstr.) (Ita)

FLUOCINOLONE ACETONIDE

ANALOGS & DERIVATIVES

A comparison of intranasal and oral flunisolide in the therapy of allergic rhinitis. Evidence for a topical effect. Kwaselow A, et al. **Allergy** 1985 Jul;40(5):363-7

Beclomethasone dipropionate and flunisolide: an open-crossover comparative trial in perennial allergic rhinitis. Bunnag C, et al. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):202-6

Comparison of flunisolide nasal spray and terfenadine tablets in hay fever. Dickson DJ, et al. **Br J Clin Pract** 1984 Nov-Dec;38(11-12):416-20, 422

Comparison of flunisolide and beclomethasone dipropionate in seasonal allergic rhinitis. Langrick AF. **Curr Med Res Opin** 1984;9(5):290-5

Nasal septal perforation associated with topical corticosteroid therapy. Soderberg-Warner ML. **J Pediatr** 1984 Nov; 105(5):840-1

Modified topical steroid therapy for the treatment of oral mucous membrane pemphigoid. Aufdemorte TB, et al. **Oral Surg Oral Med Oral Pathol** 1985 Mar;59(3):256-60

3-Chloro-1,3,5-pregnatriene derivatives with glucocorticoid activity. Arányi P, et al. **Steroids** 1983 Oct;42(4):409-15

[Absence of pharmacokinetic interference between flunisolide and salbutamol] Lampa E, et al. **Boll Chim Farm** 1984 Jul; 123(7):330-5 (Eng. Abstr.) (Ita)

PHARMACODYNAMICS

Preservative activity in diluted corticosteroid creams. Hugo WB, et al. **J Hosp Infect** 1984 Sep;5(3):329-33

THERAPEUTIC USE

A dimethoxynaphthalene derivative (RS-43179 gel) compared with 0.025% fluocinolone acetonide gel in the treatment of psoriasis. Lassus A, et al. **Br J Dermatol** 1985 Jul;113(1):103-6

FLUOCINONIDE see under **FLUOCINOLONE ACETONIDE**

FLUOCORTOLONE

ANALOGS & DERIVATIVES

Efficacy and tolerance of fluocortin butyl administered twice daily in adult patients with perennial rhinitis. Hartley TF, et al. **J Allergy Clin Immunol** 1985 Apr;75(4):501-7

Determination of trace levels of steroids in blood plasma by liquid chromatography with peroxyoxalate chemiluminescence detection. Koziol T, et al. **J Chromatogr** 1984 Dec 28;317:355-66

[Comparative testing of Kamillosan cream and steroidal (0.25% hydrocortisone, 0.75% fluocortin butyl ester) and non-steroidal (5% bufexamac) dermatologic agents in maintenance therapy of eczematous diseases] Aertgeerts P, et al. **Z Hautkr** 1985 Feb 1;60(3):270-7 (Eng. Abstr.) (Ger)

FLUOCORTOLONE CAPROATE see **FLUOCORTOLONE**

FLUOCORTOLONE PIVALATE see **FLUOCORTOLONE**

FLUON see **POLYTETRAFLUOROETHYLENE**

FLUOPROMAZINE see **TRIFLUPROMAZINE**

FLUORENES

Phototransformation of 2-aminofluorene into N-oxidized mutagens. Okinaka RT, et al. **Carcinogenesis** 1984 Dec; 5(12):1741-3

ANALYSIS

Liquid chromatographic determination of indecainide, a new antiarrhythmic drug, and its major metabolite, desisopropyl indecainide, in biological samples. Farid KZ, et al. **J Chromatogr** 1985 Feb 8;337(2):329-40

METABOLISM

Hydroperoxidation by cytochrome P-450 oxygenase: metabolism of 9-methylfluorene. Chen C, et al. **Arch Biochem Biophys** 1985 Apr;238(1):195-205

Metabolic activation of 2-aminofluorene in the Salmonella mutagenicity assay by different S-9 preparations. Cantelli Forti G, et al. **Arch Toxicol [Suppl]** 1984;7:243-8

Metabolic oxidation of carcinogenic arylamines by rat, dog, and human hepatic microsomes and by purified flavin-containing and cytochrome P-450 monooxygenases. Hammons GJ, et al. **Cancer Res** 1985 Aug;45(8):3578-85

Formation of unique arylamine:DNA adducts from 2-aminofluorene activated by prostaglandin H synthase. Krauss RS, et al. **Cancer Res** 1985 Apr;45(4):1680-6

Possible involvement of a vicinal, non-bay-region dihydrodiol-epoxide in the activation of dibenzo[a,e]fluoranthene into bacterial mutagens. Malaveille C, et al. **Carcinogenesis** 1984 Oct;5(10):1263-6

Metabolism of alcohol and ketone by cytochrome P-450 oxygenase: fluoren-9-ol in equilibrium with fluoren-9-one. Chen C, et al. **Drug Metab Dispos** 1984 Jul-Aug; 12(4):421-6

Genetic differences in 2-aminofluorene pharmacokinetics between intact C57BL/6J and A/J mice. Hultin TA, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):148-50

The pharmacokinetics of indecainide in mice, rats, dogs, and monkeys. Lindstrom TD, et al. **Drug Metab Dispos** 1984 Nov-Dec;12(6):683-90

Metabolism of the antiarrhythmic agent, indecainide, in rats, dogs, and monkeys. Lindstrom TD, et al. **Drug Metab Dispos** 1984 Nov-Dec;12(6):691-7

Evidence for a one-electron mechanism of 2-aminofluorene oxidation by prostaglandin H synthase and horseradish peroxidase. Boyd JA, et al. **J Biol Chem** 1984 Nov 25; 259(22):13885-96

PHARMACODYNAMICS

A dual effect of tilorone on multiplication of Mycobacterium leprae in mice. Levy L, et al. **Agents Actions** 1984 Oct; 15(3-4):398-402

Effects on rabbit cardiac potentials of aprindine and indecainide, a new antiarrhythmic agent, in normoxia and hypoxia. Dennis PD, et al. **Br J Pharmacol** 1985 May; 85(1):11-9

In vitro enzymatic methylation of DNA substituted by N-2-aminofluorene. Pfohl-Leszkowicz A, et al. **FEBS Lett** 1984 Dec 3;178(1):59-63

Tilorone acts as a lysosomotropic agent in fibroblasts. Gupta DK, et al. **Hoppe Seylers Z Physiol Chem** 1984 Aug; 365(8):859-66

Bifunctional nitrofluorenes: structure-activity relationships in Salmonella typhimurium. Vance WA, et al. **Mutat Res** 1985 Aug;143(4):213-8

Inhibition of human leukocyte locomotion by tilorone hydrochloride and by RMI 9563 DA measured in vitro. Hermanowicz A, et al. **Pol J Pharmacol Pharm** 1984 Sep-Oct;36(5):437-40

Teratogenicity in vitro of two deacetylated metabolites of N-hydroxy-2-acetylaminofluorene. Faustman-Watts EM, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):161-71

[Quantitative study of the regeneration of bone marrow morphology after administration of high doses of benfluron to laboratory rats] Berger J. **Cas Lek Cesk** 1985 Mar 22; 124(12):371-5 (Eng. Abstr.) (Cze)

RADIATION EFFECTS

Photochemical oxidation of 2-aminofluorene: correlation between the induction of direct-acting mutagenicity and the formation of nitro and nitroso aromatics. Strniste GF, et al. **Mutat Res** 1985 Aug;151(1):15-24

Mutagenic activation of 2-aminofluorene by fluorescent light. White GL, et al. **Teratogenesis Carcinog Mutagen** 1985; 5(1):63-73

THERAPEUTIC USE

Derivatives of benzo(c)fluorene. VI. Antiviral and interferon-inducing activities of three benzo(c)fluorenone derivatives in mice. Smejkal F, et al. **Acta Virol (Praha)** 1985 Jan;29(1):11-8

TOXICITY

Mutagenicity and tumor initiating activity of methylated benzo[k] fluoranthenes. Amin S, et al. **Cancer Lett** 1985 Apr;26(3):343-7

Fluoranthene and pyrene enhance benzo[a]pyrene--DNA adduct formation in vivo in mouse skin. Rice JE, et al. **Cancer Lett** 1984 Oct;24(3):327-33

Mutagenicity and tumor initiating activity of methylated benzo[b]fluoranthenes. Amin S, et al. **Carcinogenesis** 1985 Jul;6(7):1023-5

Tumorigenicity of fluoranthene in a newborn mouse lung adenoma bioassay. Busby WF Jr, et al. **Carcinogenesis** 1984 Oct;5(10):1311-6

Species differences in the cytotoxic and genotoxic effects of 2-acetylaminofluorene and its primary metabolites 2-aminofluorene and N-OH-2-acetylaminofluorene. Holme JA, et al. **Carcinogenesis** 1985 Mar;6(3):421-5

Enhancement of the mutagenicity of carcinogenic arylamines by ethinyl estradiol. Purdy RH, et al. **Carcinogenesis** 1984 Dec;5(12):1709-15

Chemistry and in vitro mutagenicity of 2-aminofluorene derivatives. Crebelli R, et al. **Chem Biol Interact** 1985 Jun; 54(1):71-83

Studies on the mutagenicity and tumor-initiating activity of methylated fluorenes. Lavoie EJ, et al. **Chem Biol Interact** 1985 Jan;52(3):301-9

Toxicology of indecainide hydrochloride in mice, rats, and dogs. Sandusky GE Jr, et al. **Fundam Appl Toxicol** 1985 Feb;5(1):175-81

The prostaglandin H synthase-dependent activation of 2-aminofluorene to products mutagenic to S. typhimurium strains TA98 and TA98NR. Boyd JA, et al. **Mutat Res** 1985 Jul;143(3):187-90

The differential effect of benzamide upon the toxicity and mutations produced in Chinese hamster ovary cells by N-methyl nitrosourea, N-ethyl nitrosourea and N-hydroxy-2-aminofluorene. Heflich RH, et al. **Mutat Res** 1985 Apr;142(4):203-7

Photochemical oxidation of 2-aminofluorene: correlation between the induction of direct-acting mutagenicity and the formation of nitro and nitroso aromatics. Strniste GF, et al. **Mutat Res** 1985 Aug;151(1):15-24

Induction of sister-chromatid exchanges and chromosome aberrations in human peripheral lymphocytes by 2,4,7-trinitro-9-fluorenone. Tucker JD, et al. **Mutat Res** 1984 Nov-Dec;138(2-3):181-4

Toxicology of indecainide hydrochloride after intravenous administration to rats and dogs. Sandusky GE Jr, et al. **Toxicol Lett** 1985 Aug;26(2-3):107-10

Mucopolysaccharidosis-like alterations in cardiac valves of rats treated with tilorone. Horstmann G, et al. **Virchows Arch [Cell Pathol]** 1985;48(1):33-45

FLUOREN-2-YLACETAMIDE see **2-ACETYLAMINOFLUORENE**

FLUORESCAMINE see under **SPIRO COMPOUNDS**

FLUORESCEIN ANGIOGRAPHY

The normal fundus fluorescein angiogram. III. A longitudinal fluorescein angiographic study of the fundus in insulin dependent diabetics without ophthalmoscopically abnormalities. Nielsen NV. **Acta Ophthalmol (Copenh)** 1985 Jun;63(3):311-4

The normal fundus fluorescein angiogram. II. A longitudinal fluorescein angiographic study of the fundus in clinically healthy subjects without ophthalmoscopically abnormalities. Nielsen NV. **Acta Ophthalmol (Copenh)** 1985 Jun;63(3):305-10

Fluorescein angiography in the long-term follow-up of choroidal melanoma after conservative treatment. Tarkkanen A, et al. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):73-9

Recurrences and bilaterality in the multiple evanescent white-dot syndrome. Aaberg TM, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):29-37

A clinical, fluorescein angiographic, and electron microscopic correlation of cystoid macular edema. Gass JD, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):82-6

Correlation of choroidal subretinal neovascularization with fluorescein angiography. Miller H, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):263-71

Fluorescein angiography in reticular degeneration of the pigment epithelium. Straatsma BR, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):202-8

Twenty-five years of fluorescein angiography. Blacharski PA. **Arch Ophthalmol** 1985 Sep;103(9):1301-2

Simultaneous visualization of fundus photographs and fluorescein angiograms [letter] Mansour AM. **Arch Ophthalmol** 1985 Sep;103(9):1276

Star-shaped macular lesions with yellow plaques. De Laey JJ, et al. **Bull Soc Belge Ophtalmol** 1983;207:75-84

Rip in the pigment epithelium the day after fluorographic examination. Leys A, et al. **Bull Soc Belge Ophtalmol** 1983;207:21-5

Choroidal space-taking lesions with special reference to ultrasonography. Neetens A, et al. **Bull Soc Belge Ophtalmol** 1983;207:53-73

Flow cytometry of leukocytes after intravenous fluorescein angiography. Felberg NT, et al. **Cytometry** 1985 Jan;6(1):74-6

Fluorescein angiography of the tympanic membrane. Applebaum EL, et al. **Laryngoscope** 1985 Sep;95(9 Pt 1):1054-8

Accidental intra-arterial injection of fluorescein dye. Bovino JA, et al. **Ophthalmic Surg** 1984 Dec;15(12):983-4

Fluorescein angiography of soft contact lens induced vascularization in penetrating keratoplasty. Mackman G, et al. **Ophthalmic Surg** 1985 Mar;16(3):157-61

Fluoroangiographic and echographic study on a juxtapapillary hamartoma of the retinal pigment epithelium. Mele A, et al. **Ophthalmologica** 1984;189(4):180-5

Fluorescein angiography in inflammation of the peripheral fundus: the normal fluorescein angiographic pattern. I. Zenker HJ. **Ophthalmologica** 1985;190(2):77-82

Fluorescein angiography in inflammation of the peripheral fundus: involvement of the choroid and retina. II. Zenker HJ, et al. **Ophthalmologica** 1985;190(3):142-6

Fluorescein angiography in inflammation of the peripheral fundus: involvement of the pars plana corporis ciliaris. III. Zenker HJ. **Ophthalmologica** 1985;190(4):205-9

Fluorescein angiography of choroidal malignant melanomas with retinal invasion. Augsburger JJ, et al. **Retina** 1984 Fall-Winter;4(4):232-41

Automatic detection of microaneurysms in diabetic fluorescein angiography. Baudoin CE, et al. **Rev Epidemiol Sante Publique** 1984;32(3-4):254-61

[Experimental and clinical observations on fundus fluorescein angiography] Li FM. **Chung Hua Yen Ko Tsa Chih** 1984 Mar;20(2):87-90 **(Chi)**

[Disciform detachment of the macular neuroepithelium--analysis of 118 cases on fundus fluorescein angiography] Liu CZ. **Chung Hua Yen Ko Tsa Chih** 1984 Nov;20(6):342-4 **(Chi)**

[Fluorescein angiography in malignant melanoma of the choroid] Wang YQ. **Chung Hua Yen Ko Tsa Chih** 1984 Mar;20(2):65-70 **(Chi)**

[Fluorescein angiography and its prognostic significance in central retinal vein occlusion] Zhang HR. **Chung Hua Yen Ko Tsa Chih** 1985 Mar;21(2):102-7 **(Chi)**

[Fluorescence angiography of the iris in open-angle glaucoma] Boguszaková J, et al. **Cesk Oftalmol** 1984 Jun;40(2-3):79-85 (Eng. Abstr.) **(Cze)**

[Physiologic and semeiologic value of the lobular appearance of the choroid angiogram] Saracco JB, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:474-9 **(Fre)**

[2 cases of Bouchut's tubercles (angiographic study)] Espinasse MA, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):537-40 (Eng. Abstr.) **(Fre)**

[When should one request fluorescence angiography with a diabetic?] Quentel G. **Diabete Metab** 1985 Apr;11(2):131-2 **(Fre)**

[A clinical case of ocular onchocerciasis: clinical, angiofluorographic and developmental aspects] Giovannini A, et al. **J Fr Ophtalmol** 1984;7(4):285-90 (Eng. Abstr.) **(Fre)**

[Analysis of diabetic microangiopathy using retinal angiography in 82 children] Levy-Marchal C, et al. **Presse Med** 1984 Dec 1;13(43):2617-20 (Eng. Abstr.) **(Fre)**

[Importance of early retinal fluorescein angiography in candidiasis in drug addicts] Mersch MH, et al. **Schweiz Med Wochenschr** 1985 Jun 1;115(22):764-7 (Eng. Abstr.) **(Fre)**

[Microcirculatory studies in vascular labyrinthopathies: conjunctival biomicroscopy and retinal fluoroangiography] Galioto G, et al. **Acta Otorhinolaryngol Ital** 1984 Sep-Oct;4(5):619-28 (Eng. Abstr.) **(Ita)**

[Fluoroangiography of various pathological pictures in unusual observations of the anterior segment] Motolese E, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1253-9 (Eng. Abstr.) **(Ita)**

[Characteristics of fluorescein angiogram in chronic myeloproliferative disorders] Nagasawa N. **Nippon Ganka Gakkai Zasshi** 1984 Jul;88(7):1035-42 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Painful crises in sickle cell disease after fluorescein angiography [letter] Acheson R, et al. **Lancet** 1985 May 25;1(8439):1222

[Side effects of fluorescein sodium infused intravenously] Wang MY. **Chung Hua Yen Ko Tsa Chih** 1984 Nov;20(6):345-6 **(Chi)**

INSTRUMENTATION

Polaroid for fluorescein angiography [letter] Jonasson F. **Am J Ophthalmol** 1984 Dec 15;98(6):812-3

Viewing of fluorescein angiograms by closed-circuit video low-vision apparatus. Weinstein GW, et al. **Am J Ophthalmol** 1984 Nov;98(5):637-8

Quantitative television fluoroangiography--the optical measurement of dye concentrations and estimation of retinal blood flow. Greene M, et al. **IEEE Trans Biomed Eng** 1985 Jun;32(6):402-6

Development of an imaging system for ophthalmic photography. Warnicki JW, et al. **J Biol Photogr** 1985 Jan;53(1):9-17

A less expensive interference filter for fluorescence photography [letter] Myers B. **Plast Reconstr Surg** 1985 Jan;75(1):133-4

[First results obtained with a new Canon retinograph with 90 degrees angle without corneal contact] Amalric P. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):425-30 (Eng. Abstr.) **(Fre)**

[Concept of a new instrument with simultaneous FAG imaging for guided panretinal laser coagulation in diabetes mellitus] Steinhuber W. **Fortschr Ophthalmol** 1984;81(5):474-5 (Eng. Abstr.) **(Ger)**

[Television fluorescence angiography and image analysis: clinical use with a case example] Körber N, et al. **Klin Monatsbl Augenheilkd** 1985 Feb;186(2):117-20 (Eng. Abstr.) **(Ger)**

[Use of videoangiography of the retina] Richard G. **Klin Monatsbl Augenheilkd** 1984 Aug;185(2):119-22 (Eng. Abstr.) **(Ger)**

[Television angiofluorimeter for fluorescence angiography of the eye] Ivanov VS, et al. **Vestn Oftalmol** 1985 Mar-Apr;101(2):58-60 (Eng. Abstr.) **(Rus)**

METHODS

Simultaneous visualization of fundus photographs and fluorescein angiograms [letter] Mansour AM. **Arch Ophthalmol** 1985 Sep;103(9):1276

The use of retinal fluorangiography techniques in the study of cerebral circulation. Menchini U, et al. **Cephalalgia** 1985 May;5 Suppl 2:59-63

Fluorescein flowmetry: a method for measuring relative capillary blood flow in the intestine. Perbeck L, et al. **Clin Physiol** 1985 Jun;5(3):281-92

Comparison between ophthalmoscopy and fundus photography in determining severity of diabetic retinopathy. Moss SE, et al. **Ophthalmology** 1985 Jan;92(1):62-7

Measurement of fluorescein angiograms of the optic disc and retina using computerized image analysis. Nagin P, et al. **Ophthalmology** 1985 Apr;92(4):547-52

Anterior segment fluorescein angiography in the diagnosis of scleral inflammation. Watson PG, et al. **Ophthalmology** 1985 Jan;92(1):1-11

[Angiography on dia-contact] Mouillon M, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:451-8 **(Fre)**

[Angiography with oral fluorescein. Value and limitation] Quentel G, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):567-8 **(Fre)**

[Infrared fluorescein angiography using indocyanine green] Quentel G, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):559-63 **(Fre)**

[Quantitative function analysis of retinal circulation using videoangiography] Richard G. **Fortschr Med** 1985 Apr 18;103(15):404-6 (Eng. Abstr.) **(Ger)**

[Significance of infrared angiography in the differential diagnosis of choroid tumors] Bischoff P. **Klin Monatsbl Augenheilkd** 1985 Mar;186(3):187-93 (Eng. Abstr.) **(Ger)**

[Peripheral fluorescence angiography in diabetic retinopathy] Freyler H. **Klin Monatsbl Augenheilkd** 1985 Mar;186(3):184-6 (Eng. Abstr.) **(Ger)**

STANDARDS

Correlation between fluorescein flowmetry, 133Xenon clearance and electromagnetic flow measurement: a study in the intestine of the pig. Perbeck L, et al. **Clin Physiol** 1985 Jun;5(3):293-9

Conference on insulin pump therapy in diabetes. Multicenter study of effect on microvascular disease. Assessment of fluorescein angiograms. Kohner EM, et al. **Diabetes** 1985 Aug;34 Suppl 3:56-60

VETERINARY

Fluorescein angiography of the canine ocular fundus in ketamine-xylazine anesthesia. Kommonen B, et al. **Acta Vet Scand** 1984;25(3):346-51

[Fluorescein angiography of several diseases of the choroid in the dog] Lescure F. **Bull Mem Soc Fr Ophtalmol** 1985;96:253-7 **(Fre)**

FLUORESCEINS

The application of fluorescein isothiocyanate and high-performance liquid chromatography for the microsequencing of proteins and peptides. Muramoto K, et al. **Anal Biochem** 1984 Sep;141(2):446-50

Fluorescein isothiocyanate-labeled casein assay for proteolytic enzymes. Twining SS. **Anal Biochem** 1984 Nov 15;143(1):30-4

Permeability of superficial lymphatic capillaries in human skin to FITC-labelled dextrans 40 000 and 150 000. Huber M, et al. **Int J Microcirc Clin Exp** 1984;3(1):59-69

Proton translocation by a native and subunit III-depleted cytochrome c oxidase reconstituted into phospholipid vesicles. Use of fluorescein-phosphatidylethanolamine as an intravesicular pH indicator. Thelen M, et al. **J Biol Chem** 1985 Mar 25;260(6):3626-31

Evaluation of dispersible formulations of erythrosin B for field control of Culex pipiens quinquefasciatus Say (Diptera: Culicidae). Carpenter TL, et al. **J Econ Entomol** 1985 Feb;78(1):232-7

The joint action of coprecipitated free-acid formulations of erythrosin B and fluorescein against the larvae of Culex pipiens quinquefasciatus Say (Diptera: Culicidae). Respicio NC, et al. **J Econ Entomol** 1985 Feb;78(1):30-4

An improved method to determine cell viability by simultaneous staining with fluorescein diacetate-propidium iodide. Jones KH, et al. **J Histochem Cytochem** 1985 Jan;33(1):77-9

The interaction of nominal antigen with T cell antigen receptors. I. Specific binding of multivalent nominal antigen to cytolytic T cell clones. Siliciano RF, et al. **J Immunol** 1985 Aug;135(2):906-14

The use of vital dyes to assess embryonic viability in the hamster, Mesocricetus auratus. Hutz RJ, et al. **Stain Technol** 1985 May;60(3):163-7

Visualization of hydrogen peroxide in living polymorphonuclear neutrophils utilizing leucodiacetyl 2',7'-dichlorofluorescin: photomicrographic and microphotometric studies. Salata RA, et al. **Trans Assoc Am Physicians** 1983;96:375-83

ADMINISTRATION & DOSAGE

[Angiography with oral fluorescein. Value and limitation] Quentel G, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):567-8 **(Fre)**

ADVERSE EFFECTS

Anaphylactic hypersensitivity to mercurochrome (merbrominum). Corrales Torres JL, et al. **Ann Allergy** 1985 Mar;54(3):230-2

Prevention of fluorescein dye extravasation [letter] Schatz H, et al. **Arch Ophthalmol** 1985 Jul;103(7):895

Allergy to mercurochrome and rifamycin. Riboldi A, et al. **Contact Dermatitis** 1985 Mar;12(3):180

Painful crises in sickle cell disease after fluorescein angiography [letter] Acheson R, et al. **Lancet** 1985 May 25;1(8439):1222

Accidental intra-arterial injection of fluorescein dye. Bovino JA, et al. **Ophthalmic Surg** 1984 Dec;15(12):983-4

[Side effects of fluorescein sodium infused intravenously] Wang MY. **Chung Hua Yen Ko Tsa Chih** 1984 Nov;20(6):345-6 **(Chi)**

[Study of mercurochrome allergy] Nebenführer L, et al. **Dermatol Monatsschr** 1984;170(11):689-93 (Eng. Abstr.) **(Ger)**

ANALYSIS

Liquid chromatographic determination of intermediates in D&C Yellow No. 7 and D&C Yellow No. 8. Calvey RJ, et al. **J Assoc Off Anal Chem** 1985 May-Jun;68(3):471-3

BLOOD

Serum PABA and fluorescein in the course of Bz-Ty-PABA and pancreolauryl test as an index of exocrine pancreatic insufficiency. Cavallini G, et al. **Dig Dis Sci** 1985 Jul; 30(7):655-63

High-performance liquid chromatographic analysis for fluorescein and fluorescein monoglucuronide in plasma. Selan F, et al. **J Chromatogr** 1985 Feb 27;338(1):213-8

CHEMICAL SYNTHESIS

Synthesis and biological evaluation of the superagonist [N alpha-chlorotriazinylaminofluorescein-Ser1,Nle4,D-Phe7] pha-MSH. Chaturvedi DN, et al. **J Pharm Sci** 1985 Mar; 74(3):237-40

DIAGNOSTIC USE

Application of Con A-FITC and Con A-HRP conjugates in histological diagnostics of digestive tract tumours. Kolář Z, et al. **Acta Univ Palacki Olomuc Fac Med** 1985; 108:179-92

New uses of fluorescence in the surgical management of necrotizing soft tissue infection. Bongard FS, et al. **Am J Surg** 1985 Aug;150(2):281-3

Evaluation of injured intestine with the aid of fluorescein. Marzella L, et al. **Am Surg** 1984 Nov;50(11):599-602

A micropreparation of fluorescein conjugates of immunoglobulin G and Fab from serum. Mohanty JG, et al. **Anal Biochem** 1985 May 1;146(2):361-5

Pathophysiology of the blood-retinal barrier in experimental diabetes. Vitreous fluorophotometry using carboxyfluorescein and fluorescein. Blair NP, et al. **Arch Ophthalmol** 1984 Dec;102(12):1810-4

Comparative assessment of blood flow to canine island flaps. Silverman DG, et al. **Arch Otolaryngol** 1985 Oct; 111(10):677-81

Specialized functional domains in hemoglobin: dimensions in solution of the apohemoglobin dimer labeled with fluorescein iodoacetamide. Sassaroli M, et al. **Biochemistry** 1984 May 22;23(11):2487-91

A classification of in vivo bone labels after double labeling in canine bones. Hori M, et al. **Bone** 1985;6(3):147-54

Influence of extrapancreatic digestive disorders on the indirect pancreatic function test with fluorescein dilaurate. Malfertheiner P, et al. **Clin Physiol Biochem** 1985; 3(4):166-73

A comparison of cutaneous perfusion as determined by laser Doppler velocimetry or sodium fluorescein. Lanzafame RJ, et al. **Curr Surg** 1984 Jul-Aug;41(4):271-4

Characterization of the early stages of diabetic retinopathy by vitreous fluorophotometry. Cunha-Vaz JG, et al. **Diabetes** 1985 Jan;34(1):53-9

Comparison of iodine- and fluorescein-labeled monoclonal antibodies for detection of Chlamydia trachomatis inclusions in cells grown in glass vials. Wilson DJ, et al. **Diagn Microbiol Infect Dis** 1984 Jan;2(1):17-22

Ocular fluorophotometry. International symposium. Creteil, France, April 16-18, 1982. **Graefes Arch Clin Exp Ophthalmol** 1985;222(4-5):165-268

The spectrophtal: an instrument for ocular spectrophotometry and fluorophotometry. Alvarez Martin P, et al. **Graefes Arch Clin Exp Ophthalmol** 1985; 222(4-5):206-8

Measurement with fluorophotometry: I. Plasma binding. II. Anterior segment, and III. Aqueous humor flow. Brubaker RF. **Graefes Arch Clin Exp Ophthalmol** 1985; 222(4-5):190-3

Technical variables in vitreous fluorophotometry. Conway BP. **Graefes Arch Clin Exp Ophthalmol** 1985; 222(4-5):194-201

Vitreous fluorophotometry in diabetics: study of artifactual contributions. Delori FC, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(4-5):215-8

Optimized protocol for Fluorotron Master. Gray JR, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(4-5):225-9

Calculation of the permeability of the blood-retinal barrier to fluorescein. Lund-Andersen H, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(4-5):173-6

Factors affecting vitreous fluorescence. Mosier MA. **Graefes Arch Clin Exp Ophthalmol** 1985;222(4-5):202-5

Design considerations for a fluorophotometer for ocular research. Munnerlyn CR, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(4-5):209-11

Vitreous fluorophotometry studies in aphakia. Quentel G, et al. **Graefes Arch Clin Exp Ophthalmol** 1985; 222(4-5):248-9

Vitreous fluorophotometry studies in retinitis pigmentosa. Travassos A, et al. **Graefes Arch Clin Exp Ophthalmol** 1985; 222(4-5):237-40

Pharmacokinetic interpretation of kinetic vitreous fluorophotometry. Zeimer RC, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(4-5):222

Fluorescent dyes demonstrate the uniform expansion of the growing rabbit cornea. Davison PF, et al. **Invest Ophthalmol Vis Sci** 1985 Sep;26(9):1202-9

Quantitative vitreous fluorophotometry applying a mathematical model of the eye. Lund-Andersen H, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):698-710

A two-dimensional scanning ocular fluorophotometer. McLaren JW, et al. **Invest Ophthalmol Vis Sci** 1985 Feb; 26(2):144-52

Fixed-tissue binding of fluorescein-conjugated concanavalin A to malignant melanomas versus nevi. Miller A, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):620-4

Evaluation of fluorescein dye as an indicator of small intestinal viability in the horse. Sullins KE, et al. **J Am Vet Med Assoc** 1985 Feb 1;186(3):257-61

Triple immunological staining with colloidal gold, fluorescein and rhodamine as labels. Van Dongen JJ, et al. **J Immunol Methods** 1985 Jun 12;80(1):1-6

Digital cutaneous fluorometry: correlation between blood flow and fluorescence. Bongard FS, et al. **J Vasc Surg** 1984 Sep;1(5):635-41

Estrogen receptors in human breast cancer detected by the fluorescent estradiol histochemical and dextran coated charcoal techniques. Nishiki M, et al. **Jpn J Surg** 1984 Nov; 14(6):459-64

Fluorescein dilaurate test [letter] **Lancet** 1985 Jul 13; 2(8446):96

Fluorescein-conjugated monoclonal antibodies to detect Chlamydia trachomatis in smears [letter] Harper I, et al. **Lancet** 1985 Aug 31;2(8453):509

Testing pancreatic function [letter] MacGilchrist AJ, et al. **Lancet** 1985 Jun 8;1(8441):1337-8

Fluorescein staining of formed vitreous to aid in vitrectomy [letter] Girard LJ. **Ophthalmic Surg** 1984 Oct;15(10):874

Preinjection with sodium fluorescein aids discrimination in vitreous surgery. Tamai M, et al. **Ophthalmic Surg** 1984 Sep;15(9):761-4

Fluorescent staining of living mouse neuromuscular junctions. Kelly SS, et al. **Pflugers Arch** 1985 May; 404(1):97-9

An evaluation of eight methods of using fluorescein to predict the viability of skin flaps in the pig. Myers B, et al. **Plast Reconstr Surg** 1985 Feb;75(2):245-50

Fluorescence cystoscopy. Valiancien G, et al. **Prog Clin Biol Res** 1984;162A:327-30

Fluorogenic substrate detection of viable intracellular and extracellular pathogenic protozoa. Jackson PR, et al. **Science** 1985 Jan 25;227(4685):435-8

Streamlined fluorescein photography. Lanzafame RJ, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):356-7

Serial fluorometric documentation of fluorescein dye delivery. Silverman DG, et al. **Surgery** 1985 Feb; 97(2):185-93

Fluorescence as a guide to bronchial biopsy. Homasson JP, et al. **Thorax** 1985 Jan;40(1):38-40

Fluorescein-diacetate, a fluorescent dye compound stain for rapid evaluation of the viability of mammalian oocytes prior to in vitro studies. Boender J. **Vet Q** 1984 Sep; 6(4):236-40

[Study on aqueous humor dynamics: mechanism of the reduction of intraocular pressure by topical administration of timolol in the rabbit eye by means of the fluorescein concentration curve of the aqueous humor] Sun NX. **Chung Hua Yen Ko Tsa Chih** 1984 Jan;20(1):19-22 **(Chi)**

[Results of fluorescein nose endoscopy in the diagnosis of cerebrospinal rhinorrhea] Reck R, et al **Laryngol Rhinol Otol (Stuttg)** 1984 Jul;63(7):353-5 (Eng. Abstr.) **(Ger)**

[Use of the pancreolauryl test in the diagnosis of exocrine pancreatic insufficiency. Preliminary results] Origlia C, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):205-13 (Eng. Abstr.) **(Ita)**

[Fluorescein ERG and vitreous fluorophotometry] Tamai M, et al. **Nippon Ganka Gakkai Zasshi** 1984 Aug;88(8):1124-7 (Eng. Abstr.) **(Jpn)**

[The fluorescein dilaurate test in the diagnosis of chronic pancreatitis] Robles-Díaz G, et al. **Rev Gastroenterol Mex** 1984 Oct-Dec;49(4):215-9 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Location and dynamics of a membrane-bound fluorescent hapten. A spectroscopic study. Stanton SG, et al. **Biochim Biophys Acta** 1984 Oct 3;776(2):228-36

The analysis of an anti-fluorescein response at limit dilution: the effect of lymphokine preparations on the apparent specificity. Skinner MA, et al. **Immunology** 1985 Jul; 55(3):463-71

Characterization of monoclonal anti-fluorescein antibodies from autoimmune New Zealand mice. Ballard DW, et al. **J Immunol** 1985 Jul;135(1):433-9

Induction and suppression of contact sensitivity to fluorescein isothiocyanate (FITC). Furue M, et al. **J Invest Dermatol** 1985 Aug;85(2):139-42

Idiotypic cross-reactivity of low-affinity anti-fluorescyl monoclonal antibodies. Reinitz DM, et al. **Mol Immunol** 1984 Sep;21(9):775-84

ISOLATION & PURIFICATION

Siderophore activity of pyoverdin for Pseudomonas aeruginosa. Cox CD, et al. **Infect Immun** 1985 Apr; 48(1):130-8

METABOLISM

Exchange of macromolecules between peritoneal cavity and plasma. Flessner MF, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):H13-25

Studies on the pharmacokinetics of fluorescein and its dilaurate ester under the conditions of the fluorescein dilaurate test. Barry RE, et al. **Arzneimittelforsch** 1985; 35(3):644-8

Anoxia influences the lateral diffusion of a lipid probe in the plasma membrane of isolated cardiac myocytes. Finch SA, et al. **Basic Res Cardiol** 1985;80 Suppl 1:149-52

Homology of ATP binding sites from Ca2+ and (Na,K)-ATPases: comparison of the amino acid sequences of fluorescein isothiocyanate labeled peptides. Kirley TL, et al. **Biochem Biophys Res Commun** 1985 Jul 31; 130(2):732-8

Biliary excretion of FITC metabolites after administration of FITC labeled asialo orosomucoid as a measure of lysosomal proteolysis. van der Sluijs P, et al. **Biochem Pharmacol** 1985 May 1;34(9):1399-405

Incorporation of 6-carboxyfluorescein into myosin subfragment 1. Mornet D, et al. **Biochemistry** 1985 Feb 12;24(4):840-6

Modification of actin with fluorescein isothiocyanate. Burtnick LD. **Biochim Biophys Acta** 1984 Nov 23; 791(1):57-62

Intestinal transmission of macromolecules (BSA and FITC-dextran) in the neonatal pig: enhancing effect of colostrum, proteins and proteinase inhibitors. Weström BR, et al. **Biol Neonate** 1985;47(6):359-66

Outward transport of fluorescein from the vitreous in aphakic eyes. Miyake K, et al. **Br J Ophthalmol** 1985 Jun; 69(6):428-32

Brain uptake of a food dye, erythrosin B, prevented by plasma protein binding. Levitan H, et al. **Brain Res** 1984 Nov 19; 322(1):131-4

Flow cytometric analysis of fluorescein-conjugated estradiol (E-BSA-FITC) binding in breast cancer suspensions. Benz C, et al. **Cytometry** 1985 May;6(3):260-7

Axonal guidance mutants of Caenorhabditis elegans identified by filling sensory neurons with fluorescein dyes. Hedgecock EM, et al. **Dev Biol** 1985 Sep;111(1):158-70

Competition between decavanadate and fluorescein isothiocyanate on the Ca2+-ATPase of sarcoplasmic reticulum. Csermely P, et al. **Eur J Biochem** 1985 Aug 1;150(3):455-60

Fluorescent, physiological and pharmacokinetic properties of fluorescein glucuronide. Grotte D, et al. **Exp Eye Res** 1985 Jan;40(1):23-33

Kinetics of macromolecules injected into the subretinal space. Marmor MF, et al. **Exp Eye Res** 1985 May;40(5):687-96

Aortic histamine synthesis and aortic albumin accumulation in diabetes: activity-uptake relationships. Carroll WJ, et al. **Exp Mol Pathol** 1985 Jun;42(3):344-52

Outward transport of fluorescein from the vitreous in normal human subjects. Blair NP, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(4-5):266

Diffusion of fluorescein in the corneal stroma. Nagataki S, et al. **Graefes Arch Clin Exp Ophthalmol** 1985; 222(4-5):256-8

Oestradiol-BSA conjugates for receptor histochemistry: problems of stability and interactions with cytosol. Binder M. **Histochem J** 1984 Sep;16(9):1003-23

Metabolism of fluorescein after intravenous administration. Chahal PS, et al. **Invest Ophthalmol Vis Sci** 1985 May; 26(5):764-8

Measurement of blood-retinal barrier permeability: a reproducibility study in normal eyes. Chahal PS, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):977-82

Binding of fluorescein monoglucuronide to human serum albumin. Nagataki S, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1175-8

Estimation of the permeability of the blood-retinal barrier in normal individuals. Oguro Y, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):969-76

Measurement of retinal permeability to sodium fluorescein in vitro. Tsuboi S, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1146-50

Quantification of uptake of liposomal carboxyfluorescein by professional phagocytes in-vitro. A flow microfluorimetric study on the J774 murine macrophage cell line. Stevenson M, et al. **J Pharm Pharmacol** 1984 Dec;36(12):824-30

Enhancing effect of absorption promoters on percutaneous absorption of a model dye (6-carboxyfluorescein) as poorly absorbable drugs. I. Comparison of plasma levels after addition of various absorption promoters in rat. Ohshima T, et al. **J Pharmacobiodyn** 1984 Sep;7(9):648-55

Two-compartment model for plasma pharmacokinetics in individual blood vessels. Nugent LJ, et al. **J Pharmacokinet Biopharm** 1984 Aug;12(4):451-61

Charge transfer between fluorescein and tryptophan as a possible interaction in the binding of fluorescein to anti-fluorescein antibody. Gudgin Templeton EF, et al. **Mol Immunol** 1985 Jan;22(1):45-55

Sequential vitreous fluorophotometry in diabetes mellitus: a five-year prospective study. Waltman SR. **Trans Am Ophthalmol Soc** 1984;82:827-49

[The effects of fluorescein monoglucuronide on the calculation of the transfer coefficient by diffusion (kdpa) after systemic administration of fluorescein] Seto C, et al. **Nippon Ganka Gakkai Zasshi** 1984 Dec;88(12):1572-80 (Eng. Abstr.) **(Jpn)**

[Studies of the kinetic vitreous fluorophotometry. (1) Normal individuals] Tsukahara Y, et al.

Nippon Ganka Gakkai Zasshi 1984 Jul;88(7):1043-8 (Eng. Abstr.) **(Jpn)**

[Specific binding of fluorescein bimercuric acetate by histidine decarboxylase from Micrococcus] Gonchar NA, et al. **Vopr Med Khim** 1984;30(6):94-7 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

The inhibition of the calcium dependent ATPase from human red cells by erythrosin B. Mugica H, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(2):163-73

Effects of fluorescein on tear breakup time and on tear thinning time. Patel S, et al. **Am J Optom Physiol Opt** 1985 Mar;62(3):188-90

The amino acid sequence of the fluorescein isothiocyanate reactive site of lamb and rat kidney Na+- and K+-dependent ATPase. Kirley TL, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):767-73

Food dye, erythrosin B, inhibits ATP-dependent calcium ion transport by brain microsomes. Heffron JJ, et al. **Biochem Int** 1984 Nov;9(5):557-62

Erythrosin B inhibits high affinity ouabain binding in guinea-pig heart Na+-K+-ATPase without influence on cardiac glycoside induced contractility. Fricke U. **Br J Pharmacol** 1985 Jun;85(2):327-34

Photodynamic effects of erythrosine on the smooth muscle cells of guinea-pig taenia coli. Matthews EK, et al. **Br J Pharmacol** 1984 Oct;83(2):555-66

Effect of fluorescein instillation on the pre-corneal tear film stability. Mengher LS, et al. **Curr Eye Res** 1985 Jan; 4(1):9-12

Assembly properties of fluorescein-labeled tubulin in vitro before and after fluorescence bleaching. Leslie RJ, et al. **J Cell Biol** 1984 Dec;99(6):2146-56

Spindle microtubule dynamics in sea urchin embryos: analysis using a fluorescein-labeled tubulin and measurements of fluorescence redistribution after laser photobleaching. Salmon ED, et al. **J Cell Biol** 1984 Dec;99(6):2165-74

Diffusion coefficient of fluorescein-labeled tubulin in the cytoplasm of embryonic cells of a sea urchin: video image analysis of fluorescence redistribution after photobleaching. Salmon ED, et al. **J Cell Biol** 1984 Dec;99(6):2157-64

Tubulin dynamics in cultured mammalian cells. Saxton WM, et al. **J Cell Biol** 1984 Dec;99(6):2175-86

Metal-ion mediated interaction of luciferase with tetraiodofluorescein. Rajgopal S, et al. **J Chromatogr** 1984 Dec 19;315:175-84

Genetic toxicity of erythrosine in yeast. Matula TI, et al. **Mutat Res** 1984 Nov-Dec;138(2-3):153-6

Photohemolytic lesions: stoichiometry of creation by phloxine B. Valenzeno DP. **Photochem Photobiol** 1984 Dec; 40(6):681-8

The effect of erythrosin B on infective larvae of bovine gastrointestinal nematodes. Hawkins JA, et al. **Vet Parasitol** 1984 Oct;16(1-2):35-41

Influence of organic solvents and pH on some characteristics of influenza virus A(H1N1). Note 1. Influence of organic solvents on the spectral characteristics of fluoresceine isothiocyanate-conjugated influenza virus A(H1N1). Zaharia CN, et al. **Virologie** 1985 Apr-Jun;36(2):129-37

[The effects of fluorescein monoglucuronide on the calculation of the transfer coefficient by diffusion (kdpa) after systemic administration of fluorescein] Seto C, et al. **Nippon Ganka Gakkai Zasshi** 1984 Dec;88(12):1572-80 (Eng. Abstr.) **(Jpn)**

[Differential affinity of pathogenic species of microorganisms for a set of lectins detectable by the sandwich method using fluorescein isothiocyanate (FITC)] Lakhtin VM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jan;(1):30-3 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

The effect of pH on the transfer of fluorescein across the blood-retinal barrier. Blair NP, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1133-9

POISONING

[Poisoning by disinfectants in the conservative treatment of 2 patients with omphalocele] Schröder CH, et al. **Tijdschr Kindergeneeskd** 1985 Apr;53(2):76-9 (Eng. Abstr.) **(Dut)**

THERAPEUTIC USE

[Possibilities of protecting the ischemic focus in the myocardium] Málek J, et al. **Cas Lek Cesk** 1985 Aug 9; 124(32):1011-4 (Eng. Abstr.) **(Cze)**

FLUORESCENCE

Autofluorescence of lipofuscin granules? [letter] Senba M. **Am J Clin Pathol** 1985 Jan;83(1):134

Autofluorescence of Rhinosporidium seeberii [letter] Senba M, et al. **Am J Clin Pathol** 1985 Jan;83(1):132

Using fluorescence of antineoplastic agents to demonstrate proper handling technique [letter] Egan PC, et al. **Am J Hosp Pharm** 1985 Jun;42(6):1271, 1274, 1278

Potential applications of photoradiation therapy in head and neck surgery. Ossoff RH, et al. **Arch Otolaryngol** 1984 Nov; 110(11):728-30

Formaldehyde-induced fluorescence in melanomas and other lesions. Diagnostic significance and mechanism of fluorescence. Dalal BI, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):551-4

Autofluorescence of eosinophilic globules in Kaposi's sarcoma [letter] Senba M. **Arch Pathol Lab Med** 1985 Aug; 109(8):703

Evidence that the variable fluorescence in Chlorella is recombination luminescence. Mauzerall DC. **Biochim Biophys Acta** 1985 Aug 28;809(1):11-6

Induction of 'petite' mutants of yeast, Saccharomyces cerevisiae, by photodynamic action of acriflavine. Iwamoto Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul;32(7):2759-65

Muscle fluorometry: a determination of the depth of penetration. Stewart AW. **Experientia** 1985 Apr 15; 41(4):456-8

Pontamine sky blue: a counterstain for background autofluorescence in fluorescence and immunofluorescence histochemistry. Cowen T, et al. **Histochemistry** 1985; 82(3):205-8

Different biologic effectiveness of blacklight fluorescent lamps available for therapy with psoralens plus ultraviolet A. Cole CA, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):599-606

Binding parameters of interactions of monomer-polymer systems based on quenching of their completely overlapped fluorescence: a theory. Borazan HN. **J Pharm Sci** 1984 Dec;73(12):1815-8

Characterization of laser-induced fluorescence in the canine retinal pigment epithelium. Nicolaissen B Jr, et al. **Neurochem Pathol** 1984-85 Winter;2(4):277-84

Implanted intraocular lenses and fluorescence [letter] Hall DL. **Ophthalmology** 1984 Nov;91(11):46A

Sister chromatid exchanges and chromosome aberrations in human cells induced by H2O2 and other photoproducts generated in fluorescent light-exposed medium. Estervig D, et al. **Photochem Photobiol** 1984 Sep;40(3):333-6

Quantitation of the photomutagenic response of Salmonella to an Eastern shale oil and fluorescent light. Selby C, et al. **Photochem Photobiol** 1984 Sep;40(3):329-32

The cooperative behavior of yeast D-glyceraldehyde-3-phosphate. Dehydrogenase as studied by the formation of the fluorescent NAD derivative. Xu GQ, et al. **Sci Sin [B]** 1984 Aug;27(8):800-10

Laser-induced fluorescence from sound and carious tooth substance: spectroscopic studies. Sundström F, et al. **Swed Dent J** 1985;9(2):71-80

[The theory of thermoluminescence] Böhm M. **Strahlentherapie** 1985 Feb;161(2):74-9 (Eng. Abstr.) **(Ger)**

[Introduction to thermoluminescence--simple models] Scharmann A. **Strahlentherapie** 1985 Feb;161(2):69-73 (Eng. Abstr.) **(Ger)**

[Fluorescent lamps from the actinic viewpoint] Bodmann HW, et al. **Z Hautkr** 1984 Aug 15;59(16):1067-9 (Eng. Abstr.) **(Ger)**

[Various types of fluorescence in bone tissue] Portigliatti Barbos M. **Chir Organi Mov** 1984;69(2):193-8 (Eng. Abstr.) **(Ita)**

[Study of cellular autofluorescence of cultured human cancer cell lines using a fluorescence-activated cell sorter (FACS-IV)] Koyama S, et al. **Gan No Rinsho** 1985 Feb; 31(2):190-2 (Eng. Abstr.) **(Jpn)**

[Fluorescence of hemoproteins in reversed micelles of surfactants in octanes] Eremin AN, et al. **Biokhimiia** 1984 Dec;49(12):1947-54 (Eng. Abstr.) **(Rus)**

[Effect of dehydration on the primary picosecond stages of charge separation in Rhodospirillum rubrum] Godik VI, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1562-8 (Eng. Abstr.) **(Rus)**

[Changes in the self ultraviolet fluorescence of HeLa cells undergoing ionizing irradiation] Kalendo GS, et al. **Tsitologiia** 1984 Sep;26(9):1048-53 (Eng. Abstr.) **(Rus)**

[Two components of the fluorescence signal of Nile blue A from membrane systems of isolated muscle fibers] Habán P, et al. **Bratisl Lek Listy** 1985 Aug;84(2):129-36 (Eng. Abstr.) **(Slo)**

[Cytochemical methodology applied to the study of staining mechanisms and fluorescence of nucleic acids] Espelosin RH, et al. **Rev Esp Oncol** 1982;29(3):401-12 (Eng. Abstr.) **(Spa)**

FLUORESCENCE ANGIOGRAPHY see **FLUORESCEIN ANGIOGRAPHY**

FLUORESCENCE MICROSCOPY see **MICROSCOPY, FLUORESCENCE**

FLUORESCENCE POLARIZATION

[Clinical significance of polarizing luminescence in the study of changes in the cytoplasm of lymphocytes--SCM test] Beneš J. **Sb Lek** 1984 Sep;86(8-9):245-50 (Eng. Abstr.) **(Cze)**

[Molecular interactions in fluorescence polarization analysis] Jobst K, et al. **Morphol Igazsagugyi Orv Sz** 1985 Jul; 25(3):189-98 (Eng. Abstr.) **(Hun)**

INSTRUMENTATION

Double-beam autocompensation for fluorescence polarization measurements in flow cytometry. Beisker W, et al. **Biophys J** 1985 May;47(5):607-12

A nephelometry system for the Abbott TDx analyzer. DeGrella RF, et al. **Clin Chem** 1985 Sep;31(9):1474-7

Real-time fluorescence polarization measurements: interaction of phospholipase A2 with a fluorescent lecithin derivative. Monti JA, et al. **J Biochem Biophys Methods** 1985 May;11(1):45-57

METHODS

Directly measured signals as response variables in fluorescence polarization ligand binding assays. Halfman CJ, et al. **Anal Chem** 1984 Aug;56(9):1648-50

Time-resolved fluorescence anisotropies of diphenylhexatriene and perylene in solvents and lipid bilayers obtained from multifrequency phase-modulation fluorometry. Lakowicz JR, et al. **Biochemistry** 1985 Jan 15;24(2):376-83

Application of fluorescence polarization to the determination of urinary lysozyme activity. Miura H. **Clin Biochem** 1985 Feb;18(1):40-7

FLUORESCENCE SPECTROPHOTOMETRY see **SPECTROMETRY, FLUORESCENCE**

FLUORESCENT ANTIBODY TECHNIC

Increased sensitivity of the fluorescent treponemal antibody absorption test with biotin/avidin: a comparison with conventional FTA-ABS. Berntsson E. **Acta Derm Venereol (Stockh)** 1985;65(1):89-91

Failure of specific human tissue substrates to increase the sensitivity of indirect immunofluorescence testing in cicatricial pemphigoid. Powell FC, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):540-3

Computer-assisted morphometry and microdensitometry of transmitter- identified neurons with special reference to the mesostriatal dopamine pathway. Methodological aspects. Agnati LF, et al. **Acta Physiol Scand [Suppl]** 1984; 532:5-36

The effect of paraffin wax embedding procedures on the ability of the fluorescent antibody test to demonstrate bluetongue virus antigen in insect tissue. Jennings M, et al. **Acta Virol (Praha)** 1984 Nov;28(6):495-500

Reduction of fading of fluorescent reaction product for microphotometric quantitation. Picciolo GL, et al. **Adv Appl Microbiol** 1984;30:197-234 (57 ref.)

Immunofluorescent studies of the endometrial arteries in the first trimester of pregnancy. Lichtig C, et al. **Am J Clin Pathol** 1985 May;83(5):633-6

Do antibody-coated bacteria reflect local immune response in the urinary tract? Riedasch G, et al. **Am J Nephrol** 1984; 4(6):361-6

Diagnostic value of the indirect immunofluorescent antibody test for trypanosomiasis in Zambia. Kakoma I, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):69-72

Development of an indirect fluorescent antibody test, using microfluorometry as a diagnostic test for bovine anaplasmosis. Goff WL, et al. **Am J Vet Res** 1985 May; 46(5):1080-4

Identification of canine lymphocyte subpopulations by immunofluorescence assay. Koyama H, et al. **Am J Vet Res** 1984 Nov;45(11):2354-8

Relationship of upper and lower urinary tract infection and bacterial invasion of uroepithelium to antibody-coated bacteria test results in female dogs. Ling GV, et al. **Am J Vet Res** 1985 Feb;46(2):499-504

Serotyping of Haemophilus pleuropneumoniae by rapid slide agglutination and indirect fluorescent antibody tests in swine. Rapp VJ, et al. **Am J Vet Res** 1985 Jan;46(1):185-92

Sensitivity and specificity of the indirect-fluorescent antibody test and two enzyme-linked immunosorbent assays in canine dirofilariasis. Sisson D, et al. **Am J Vet Res** 1985 Jul;46(7):1529-33

Solvent perturbation fluorescence immunoassay technique. Halfman CJ, et al. **Anal Chem** 1985 Aug;57(9):1928-30

Terbium chelates for fluorescence immunoassay. Bailey MP, et al. **Analyst** 1985 Jun;110(6):603-4

Correlation of allergy test results obtained by IgE FAST, RAST, and prick-puncture methods. Seltzer JM, et al. **Ann Allergy** 1985 Jan;54(1):25-30

Direct detection of Chlamydia trachomatis in clinical samples. Väänänen P, et al. **Ann Clin Res** 1985;17(2):64-5

In situ identification of bacterial species in marine microfouling films by using an immunofluorescence technique. Zambon JJ, et al. **Appl Environ Microbiol** 1984 Dec;48(6):1214-20

Bullous pemphigoid antibodies. Human skin as a substrate for indirect immunofluorescence assay. Goldberg DJ, et al. **Arch Dermatol** 1985 Sep;121(9):1137-40

A study on fixation and washing procedures in direct immunofluorescence. Barnadas M, et al. **Arch Dermatol Res** 1985;277(3):251-2

Immunohistochemical demonstration of the nerves in human dental pulp with antisera against neurofilament protein and glia-specific S-100 protein. Maeda T, et al. **Arch Histol Jpn** 1985 Feb;48(1):123-9

Immunofluorescence studies of cardiac valves in infective endocarditis. Williams RC Jr, et al. **Arch Intern Med** 1985 Feb;145(2):297-300

An improved mounting medium for immunofluorescence microscopy [letter] Balaton AJ, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):108

Detection of herpes simplex infection in cytologic smears. Kapur S, et al. **Arch Pathol Lab Med** 1985 May; 109(5):464-5

A simplified immunofluorescence technique for antibody to varicella–zoster membrane antigen (FAMA). Baba K, et al. **Biken J** 1984 Mar;27(1):23–9

Comparison of the occurrence of antibodies to human cytomegalovirus as demonstrated by complement fixation, enzyme–linked–immunosorbent assay and indirect immunofluorescence. Landini MP, et al. **Boll Ist Sieroter Milan** 1982;61(4):320–3

Comparative titers of egg assay against immunofluorescent assay of Chlamydia psittaci. Tessler J. **Can J Comp Med** 1985 Jan;49(1):109–11

Immunofluorescent staining method for use with monoclonal antibodies. Costanzo C, et al. **Cell Biochem Funct** 1984 Jul; 2(3):153–4

Fluoroimmunoassays and immunofluorometric assays. Hemmilä I. **Clin Chem** 1985 Mar;31(3):359–70 (124 ref.)

A new sensitive assay of human alpha–fetoprotein using time–resolved fluorescence and monoclonal antibodies. Suonpää MU, et al. **Clin Chim Acta** 1985 Feb 15; 145(3):341–8

A rapid immunofluorescent procedure for serodiagnosis of Q fever in mice, guinea pigs, sheep, and humans. Ascher MS, et al. **Diagn Immunol** 1983;1(1):33–8

Immunological diagnosis of systemic candidiasis by counterimmunoelectrophoresis and quantitative immunofluorescence using purified antigens. Burges GE, et al. **Diagn Immunol** 1983;1(4):295–302

Modified immunofluorescent antibody test: demonstration of nephritogenic antigen in glomeruli of rats. Cornish J, et al. **Diagn Immunol** 1984;2(3):133–6

Comparison of substrates for the detection of antinuclear antibodies in normals and in patients with connective tissue and other diseases. Lipscomb MF, et al. **Diagn Immunol** 1984;2(3):181–7

A comparative study of glucose oxidase versus FITC–labeled antibody techniques for the detection of antinuclear antibodies. McFadden N Jr, et al. **Diagn Immunol** 1984; 2(2):128–31

Immunocytochemistry of the acellular slime mold Physarum polycephalum. V. Cryosectioning now allows analysis of non–extracted plasmodia of any and all stages. Naib–Majani W, et al. **Eur J Cell Biol** 1985 Jan;36(1):1–7

Comparison of direct immunofluorescence and cell culture for detecting Chlamydia trachomatis. Foulkes SJ, et al. **Genitourin Med** 1985 Aug;61(4):255–7

Typing Haemophilus ducreyi by indirect immunofluorescence assay. Slootmans L, et al. **Genitourin Med** 1985 Apr;61(2):123–6

Modification of the fluorescent staining method for mycobacterial cells. Tsukiyama F, et al. **Hiroshima J Med Sci** 1984 Jun;33(2):293–5

Pontamine sky blue: a counterstain for background autofluorescence in fluorescence and immunofluorescence histochemistry. Cowen T, et al. **Histochemistry** 1985; 82(3):265–8

Sensitivity and efficiency of four immunohistochemical methods as defined by staining of artificial sections. Valnes K, et al. **Histochemistry** 1984;81(4):313–9

Xenodiagnosis of laboratory acquired dengue infection by mosquito inoculation & immunofluorescence. Ilkal MA, et al. **Indian J Med Res** 1984 May;79:587–90

Comparison of ELISA & indirect immunofluorescence in sero–epidemiology of kala–azar. Srivastava L, et al. **Indian J Med Res** 1984 Jun;79:744–8

Serology of amoebiasis comparison of fluorescent antibody, indirect haemagglutination and counter immunoelectrophoresis tests. Sharma S, et al. **Indian J Med Sci** 1985 Jan;39(1):5–10

Simplified fixative medium for direct immunofluorescence in skin biopsies. Niedecken HW, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):828–31

Reevaluation of specificity of Crithidia luciliae kinetoplast as a substrate for detecting antibodies to double–stranded deoxyribonucleic acid. Steinmetz SE, et al. **J Am Acad Dermatol** 1984 Sep;11(3):490–3

Localization of urinary tract infection by antibody–coated bacteria. Singh NK, et al. **J Assoc Physicians India** 1984 Oct;32(10):873–4

Evaluation of fluorescent–antibody tests as a means of confirming infant botulism. Glasby C, et al. **J Clin Microbiol** 1984 Dec;20(6):1209–12

Detection of serum antibody to Brucella abortus in cattle by use of a quantitative fluorometric immunoassay. Hall SM, et al. **J Clin Microbiol** 1984 Dec;20(6):1023–7

Double immunofluorescence microscopic technique for accurate differentiation of extracellularly and intracellularly located bacteria in cell culture. Heesemann J, et al. **J Clin Microbiol** 1985 Aug;22(2):168–75

Comparison of an indirect fluorescent–antibody test with an enzyme–linked immunosorbent assay for serological studies of Lyme disease. Magnarelli LA, et al. **J Clin Microbiol** 1984 Aug;20(2):181–4

Comparison of latex agglutination and immunofluorescence for direct Lancefield grouping of streptococci from blood cultures. Shlaes DM, et al. **J Clin Microbiol** 1984 Aug; 20(2):195–8

Evaluation of two immunofluorescence assays with monoclonal antibodies for typing of herpes simplex virus. Swierkosz EM, et al. **J Clin Microbiol** 1985 Apr;21(4):643–4

Diagnosis of bullous disease and studies in the pathogenesis of blister formation using immunopathological techniques. Razzaque Ahmed A. **J Cutan Pathol** 1984 Aug;11(4):237–48 (45 ref.)

New immunological approaches to studying the odontoblast. Aubin JE. **J Dent Res** 1985 Apr;64 Spec No:515–22

Correlative immunofluorescence and electron microscopy on the same section of epon–embedded material. Rieder CL, et al. **J Histochem Cytochem** 1985 Feb;33(2):165–71

Retardation of immunofluorescence fading during microscopy. Valnes K, et al. **J Histochem Cytochem** 1985 Aug;33(8):755–61

Surveillance of respiratory viral infections by rapid immunofluorescence diagnosis, with emphasis on the epidemiological development of respiratory syncytial virus infections. Anestad G. **J Hyg (Lond)** 1985 Jun;94(3):349–56

Immunofluorescent staining of trypsinized formalin–fixed brain smears for rabies antigen: results compared with those obtained by standard methods for 221 suspect animal cases in Nigeria. Umoh JU, et al. **J Hyg (Lond)** 1985 Feb; 94(1):129–34

Serological evidence of Chlamydia trachomatis infection in non–immunocompromised adults with pneumonia. Sundkvist T, et al. **J Infect** 1984 Sep;9(2):143–7

Specificity of Crithidia luciliae method for detecting anti–DNA antibodies. Effect of absorption for lipoproteins [letter] Kumar V, et al. **J Rheumatol** 1985 Apr;12(2):382–4

Clinical comparison of cultured human epithelial cells and rat liver as substrates for the fluorescent antinuclear antibody test. Miller MH, et al. **J Rheumatol** 1985 Apr; 12(2):265–9

False–positive direct fluorescent antibody testing for Legionella [letter] Johnson DA, et al. **JAMA** 1985 Jan 4; 253(1):40–1

Cytologic manifestations of cervical and vaginal infections. II. Confirmation of Chlamydia trachomatis infection by direct immunofluorescence using monoclonal antibodies. Kiviat NB, et al. **JAMA** 1985 Feb 15;253(7):997–1000

Rapid diagnosis of cytomegalovirus infection in immunocompromised patients by detection of early antigen fluorescent foci. Griffiths PD, et al. **Lancet** 1984 Dec 1; 2(8414):1242–5

Comparison of Lassa, Mobala, and Ippy virus reactions by immunofluorescence test [letter] Meunier DY, et al. **Lancet** 1985 Apr 13;1(8433):873–4

Immune thrombocytopenias: tests for platelet antibodies. Moore SB, et al. **Mayo Clin Proc** 1984 Dec;59(12):860–3

Immunofluorescence test with antigen–loaded erythrocytes: detection of influenza virus specific IgG, IgA, and IgM antibodies. Döller PC, et al. **Med Microbiol Immunol (Berl)** 1985;173(5):291–302

Adherence of digested tissue sections for fungal immunofluorescence. Gordon MA, et al. **Mycopathologia** 1984 Dec 30;88(2–3):181–4

Serology of paracoccidioidomycosis. I. Evaluation of the indirect immunofluorescent test. Mistreta T, et al. **Mycopathologia** 1985 Jan;89(1):13–7

Analysis of Aspergillus fumigatus germ tube surface structures by an immunofluorescent labelling technique. John J, et al. **Mykosen** 1984 Oct;27(10):485–97

Immunofluorescence studies in paraffin–embedded tissue. Sarno EN, et al. **Nephron** 1985;39(1):64–5

Evidence for an alpha–melanocyte stimulating hormonergic hippocampal commissural connection in the rat, revealed by a double–labeling technique. Shiosaka S, et al. **Neurosci Lett** 1984 Aug 24;49(1–2):213–6

Reproducibility of an indirect immunofluorescence test for varicella–zoster antibodies. Tjøtta EA. **NIPH Ann** 1984 Dec;7(2):61–8

Diagnosing Chlamydia trachomatis infection [letter] Say P, et al. **NZ Med J** 1984 Nov 14;97(767):783

Rapid tissue diagnosis of herpes simplex infections in the newborn. Kapur S, et al. **Pediatr Pathol** 1983 Jul–Sep; 1(3):301–9

Immunophotoelectron microscopy: the electron optical analog of immunofluorescence microscopy. Birrell GB, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):109–13

The analysis of immunohistological preparations using computer–assisted image processing. Lash JW. **Prog Clin Biol Res** 1985;163C:255–7

Antimicrosomal antibodies: comparison of haemagglutination method and immunofluorescence test in routine thyroid diagnostics. Blottner A, et al. **Radiobiol Radiother (Berl)** 1984;25(5):723–7

Detection of classic and invasive E. coli and Shigella serotypes in stools by indirect immunofluorescence. Dias W de O, et al. **Rev Inst Med Trop Sao Paulo** 1984 Nov–Dec; 26(6):295–300

Specificity of antigens from pathogenic Aspergillus species. I. Studies with ELISA and immunofluorescence. De Magaldi SW, et al. **Sabouraudia** 1984;22(5):381–94

Diagnosis of whooping cough—a comparison of culture, immunofluorescence and serology with ELISA. Håkansson S, et al. **Scand J Infect Dis** 1984;16(3):281–4

Studies on filariasis in Singapore: immunodiagnosis using indirect immunofluorescence. Ho LC, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun; 15(2):175–8

A fluorescent antibody staining technique to detect bacterial adherence to urinary tract epithelial cells. Reid G, et al. **Stain Technol** 1985 Jul;60(4):211–7

Performance of a new automated substrate–labeled fluorescence immunoassay system evaluated by comparative therapeutic monitoring of five drugs. Klotz U. **Ther Drug Monit** 1984;6(3):355–9

Evaluation of an automated system (Optimate) for substrate–labeled fluorescent immunoassays. Sheehan M, et al. **Ther Drug Monit** 1985;7(1):108–14

Dual–label fluoroimmunoassay for simultaneous determination of primidone and phenobarbital. Sidki AM, et al. **Ther Drug Monit** 1985;7(1):101–7

Antibodies to granulocytes detected by an indirect immunofluorescence method not requiring chemical modification of cells. Schmidt–Melbye A, et al. **Transfusion** 1985 Mar–Apr;25(2):165–9

Swine dysentery in a sow herd. II. Comparison of a direct fluorescent antibody test with selective culture in the laboratory diagnosis. Smit HF, et al. **Vet Q** 1985 Apr; 7(2):150–3

Monoclonal antibodies for diagnosis of infection with Leptospira interrogans serovar hardjo by immunofluorescence. Stevens AE, et al. **Vet Rec** 1985 Jun 1;116(22):593–4

A microtiter modification of granulocyte immunofluorescence. Press C, et al. **Vox Sang** 1985; 49(2):110–3

Evaluation of an immunofluorescence test for the diagnosis of gonorrhoea. Smikle MF, et al. **West Indian Med J** 1985 Jun;34(2):84–9

Immunodiagnostic tests for Lyme disease. Wilkinson HW. **Yale J Biol Med** 1984 Jul–Aug;57(4):567–72

[Staphylococcal coagglutination test for detecting antibody–coated bacteria in the urine] Markova B, et al. **Vutr Boles** 1985;24(3):51–3 (Eng. Abstr.) **(Bul)**

[Sensitivity and specificity of fluorescent leprosy antibody absorption (FLA–ABS) test for detecting subclinical infection by Mycobacterium leprae] Ji BH. **Chung Hua I Hsueh Tsa Chih** 1984 Jun;64(6):364–8 (Eng. Abstr.) **(Chi)**

[Value of indirect immunofluorescence and passive hemagglutination reactions in the detection of urogenital trichomoniasis] Brasseur P, et al. **Ann Biol Clin (Paris)** 1984; 42(5):343–8 (Eng. Abstr.) **(Fre)**

[Cutaneous immunofluorescence in B virus diseases. 100 cases] Beylot J, et al. **Presse Med** 1984 Nov 3;13(39):2363–6 (Eng. Abstr.) **(Fre)**

[Immunofluorescence studies in stomach and breast carcinomas and benign breast diseases] Kasper M. **Acta Histochem (Jena)** 1984;75(1):37–45 (Eng. Abstr.) **(Ger)**

[Experimental studies on the fluorescence serological demonstration of salmonellas in feed yeast] Schulz G, et al. **Arch Exp Veterinarmed** 1984 Jul;38(4):565–71 (Eng. Abstr.) **(Ger)**

[Serodiagnosis and therapy control of equine piroplasmosis by CFT and IFAT] Weiland G, et al. **Berl Munch Tierarztl Wochenschr** 1984 Oct 1;97(10):341–9 (Eng. Abstr.) **(Ger)**

[Differential diagnosis of tumors of the head and neck using immunohistologic and electron optic studies] Vollrath M, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Sep;63(9):475–82 (Eng. Abstr.) **(Ger)**

[Rapid serological diagnosis of parvovirus infection in dogs. Fluorescent serological demonstration of virus–specific IgM antibodies] Maess J. **Tierarztl Prax** 1984;12(3):427–30 (Eng. Abstr.) **(Ger)**

[Indirect immunofluorescence microtest in the determination of antirabies antibodies] Buonavoglia C, et al. **Boll Ist Sieroter Milan** 1982;61(5):390–2 (Eng. Abstr.) **(Ita)**

[Comparison of diagnostic methods in rotavirus infection: immunofluorescence, ELISA and the latex agglutination test] Arista S, et al. **Quad Sclavo Diagn** 1984 Sep; 20(3):258–63 (Eng. Abstr.) **(Ita)**

[Urethral infections caused by Chlamydia trachomatis: indirect serological diagnosis] Crotti D, et al. **Quad Sclavo Diagn** 1984 Sep;20(3):304–13 (Eng. Abstr.) **(Ita)**

[Analysis with immunofluorescence of antibodies attached to bacteria in urinary sediment in the diagnosis of the site of urinary infections] Federico G, et al. **Quad Sclavo Diagn** 1984 Mar;20(1):22–7 (Eng. Abstr.) **(Ita)**

[Urinary tract infection : clinical significance of antibody–coated bacteria] Yasumoto R, et al. **Hinyokika Kiyo** 1984 Apr;30(4):489–92 (Eng. Abstr.) **(Jpn)**

[Value of the immunofluorescence method in the bacteriological diagnosis of gonorrhea. II. Detection of gonococci in culture by the IF test] Selibórska Z. **Przegl Dermatol** 1984 May–Jun;71(3):237–44 (Eng. Abstr.) **(Pol)**

[Value of the immunofluorescence method in the bacteriological diagnosis of gonorrhea. I. Detection of gonococci in secretions by the direct IF test] Selibórska Z. **Przegl Dermatol** 1984 May–Jun;71(3):231–6 (Eng. Abstr.) **(Pol)**

[Standardization of a double antibody radioimmunoassay technic for the determination of growth hormone in the rat plasma and pituitary] Achilles P, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):343–54 (Eng. Abstr.) **(Por)**

[Choice of the optimal technic for immunofluorescence staining using microfluorometry] Bykova OI, et al. **Lab Delo** 1984;(9):562–4 (Eng. Abstr.) **(Rus)**

[Immunohistochemistry (I)] Serrano Figueras S, et al. **Med Clin (Barc)** 1985 Mar 9;84(9):366–72 **(Spa)**

[Usefulness of the indirect immunofluorescence test and the rose bengal test in the diagnosis of brucellosis] Navarro Rodriguez A, et al. **Rev Clin Esp** 1984 Oct 15;175(1):27-31 (Eng. Abstr.) **(Spa)**

[Indirect immunofluorescence in the diagnosis of Mediterranean boutonneuse fever] Sanchis-Bayarri Vaillant V, et al. **Rev Clin Esp** 1984 Jul 15-31;174(1-2):61-2 **(Spa)**

STANDARDS

Stability of immunocytochemical reactivity of neuronal substances following delayed fixation. Gu J, et al. **J Neurosci Methods** 1985 Feb;12(4):297-302

FLUORESCENT DYES

Observations on the orcein fluorescence. Molero ML, et al. **Acta Histochem (Jena)** 1985;76(1):77-9

Fluorescent staining of sialidases in polyacrylamide gel electrophoresis and ultrathin-layer isoelectric focusing. Berg W, et al. **Anal Biochem** 1985 Mar;145(2):339-42

Computerized analysis of TV images for ultrasensitive monitoring of the reaction of fluorochrome with protein. Rees DD, et al. **Anal Biochem** 1985 Feb 1;144(2):461-8

New fluorogenic, photoactivable, heterobifunctional crosslinking thiol reagents. Ueno T, et al. **Anal Biochem** 1984 Jul;140(1):63-8

7-[(Chlorocarbonyl)methoxy]-4-methylcoumarin: a novel fluorescent reagent for the precolumn derivatization of hydroxy compounds in liquid chromatography. Karlsson KE, et al. **Anal Chem** 1985 Jan;57(1):229-34

Internalization of cycloheptaamylose-dansyl chloride complex during labelling of surface membrane in living Paramecium aurelia cells. Giordano PA, et al. **Basic Appl Histochem** 1985;29(2):121-33

Stopped-flow kinetics of the interaction of the fluorescent calcium indicator Quin 2 with calcium ions. Quast U, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):604-11

The binding of Ca2+ to actin monomer is monitored by the fluorescence of actin-bound auramine O. Tellam RL, et al. **Biochem J** 1984 Nov 15;224(1):269-76

4,4'-Bis[8-(phenylamino)naphthalene-1-sulfonate] binding to human thrombins: a sensitive exo site fluorescent affinity probe. Musci G, et al. **Biochemistry** 1985 Apr 9;24(8):2034-9

Characterization of the fluorophore 4-heptadecyl-7-hydroxycoumarin: a probe for the head-group region of lipid bilayers and biological membranes. Pal R, et al. **Biochemistry** 1985 Jan 29;24(3):573-81

Perturbation of egg phosphatidylcholine and dipalmitoylphosphatidylcholine multilamellar vesicles by n-alkanols. A fluorescent probe study. Zavoico GB, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):299-312

Fluorescence recovery spectroscopy as a probe of slow rotational motions. Wegener WA. **Biophys J** 1984 Dec;46(6):795-803

Study of protein adsorption on glass surfaces with a hydrophobic fluorescent probe. Mizutani T, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2395-400

Chemiluminescence enzyme immunoassay for thyroxin with use of glucose oxidase and a bis(2,4,6-trichlorophenyl)oxalate-fluorescent dye system. Arakawa H, et al. **Clin Chem** 1985 Mar;31(3):430-4

A highly sensitive immunoassay system involving antibody-coated tubes and liposome-entrapped dye. O'Connell JP, et al. **Clin Chem** 1985 Sep;31(9):1424-6

Fluorescent probes based on styrylpyridinium derivatives: optical properties and membrane binding. Dubur GY, et al. **J Biochem Biophys Methods** 1984 Dec;10(3-4):123-34

Efficient cytoplasmic delivery of a fluorescent dye by pH-sensitive immunoliposomes. Connor J, et al. **J Cell Biol** 1985 Aug;101(2):582-9

Improved fixation for immunofluorescence microscopy using light-activated 1,3,5-triazido-2,4,6-trinitrobenzene (TTB). McBeath E, et al. **J Cell Biol** 1984 Dec;99(6):2061-73

Direct visualization of redistribution and capping of fluorescent gangliosides on lymphocytes. Spiegel S, et al. **J Cell Biol** 1984 Nov;99(5):1575-81

Fluorescent gangliosides as probes for the retention and organization of fibronectin by ganglioside-deficient mouse cells. Spiegel S, et al. **J Cell Biol** 1985 Mar;100(3):721-6

3-Chloroformyl-7-methoxycoumarin as a fluorescent derivatization reagent for alcoholic compounds in liquid chromatography and its use for the assay of 17-oxosteroids in urine. Hamada C, et al. **J Chromatogr** 1985 Jun 14;341(2):426-31

A rapid procedure for visualising the inner cell mass and trophectoderm nuclei of mouse blastocysts in situ using polynucleotide-specific fluorochromes. Handyside AH, et al. **J Exp Zool** 1984 Sep;231(3):429-34

A double fluorescence method for determining doxorubicin distribution and vascular supply in the mouse kidney. Paschoud N, et al. **J Histochem Cytochem** 1985 Jan;33(1):73-6

Synthesis and characterization of a highly fluorescent peptidyl-phosphatidylethanolamine. Petrossian A, et al. **J Lipid Res** 1985 Jun;26(6):767-73

Interactions involving the cyanine dye, diS-C3-(5), cytochrome c and liposomes and their implications for estimations of delta psi in cytochrome c oxidase-reconstituted proteoliposomes. Singh AP, et al. **J Membr Biol** 1985;84(2):183-90

Comparison of the distributions of ipsilaterally and contralaterally projecting corticocortical neurons in cat visual cortex using two fluorescent tracers. Segraves MA, et al. **J Neurosci** 1985 Aug;5(8):2107-18

A new method of monitoring membrane potential in rat hippocampal slices using cyanine voltage-sensitive dyes. Dasheiff RM. **J Neurosci Methods** 1985 May;13(3-4):199-212

Voltage-dependent dye coupling at a rectifying electrotonic synapse of the crayfish. Giaume C, et al. **J Physiol (Lond)** 1984 Nov;356:151-67

Use of the fluorescent retrograde tracer, Granular blue, in crustacean motor system studies. Rossi-Durand C, et al. **Neurosci Lett** 1985 Apr 9;55(2):97-102

The synthesis of oligonucleotides containing an aliphatic amino group at the 5' terminus: synthesis of fluorescent DNA primers for use in DNA sequence analysis. Smith LM, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2399-412

Fluorescent sterols: probe molecules of membrane structure and function. Schroeder F. **Prog Lipid Res** 1984;23(2):97-113 (143 ref.)

Applications of fluorochromes to pollen biology. I. Mithramycin and 4',6-diamidino-2-phenylindole (DAPI) as vital stains and for quantitation of nuclear DNA. Coleman AW, et al. **Stain Technol** 1985 May;60(3):145-54

A new technique for retarding fading of fluorescence: DPX-BME. Franklin AL, et al. **Stain Technol** 1985 May;60(3):125-35

[Demonstration of succinate dehydrogenase activity in ascites tumor cells using fluorescent tetrazolium salts] Langer EM. **Acta Histochem (Jena)** 1985;76(1):23-8 (Eng. Abstr.) **(Ger)**

[Projections to the supraoptic and paraventricular nuclei studied in the rat by means of retrograde fluorescent tracers (fast blue, nuclear yellow)] Stanzani S, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2339-43 (Eng. Abstr.) **(Ita)**

[The location of the fluorescent peripheral zone of disulfide bonds with DACM reagent. With special reference to the marginal band of the stratum corneum cells] Tadashi T, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jul;94(8):921-5 **(Jpn)**

[Fluorescent probe--a cholesterol analog: localization in plasma lipoproteins and in model lipid particles] Lapshin EN, et al. **Biofizika** 1984 Nov-Dec;29(6):989-92 (Eng. Abstr.) **(Rus)**

[The use of the annihilated delayed fluorescence phenomenon in the study of the structural organization of the sarcoplasmic reticulum] Mekler VM, et al. **Biofizika** 1984 Sep-Oct;29(5):809-13 (Eng. Abstr.) **(Rus)**

[Changes in the intensity of the fluorescence of potential-sensitive fluorescent probes in the active transport of Ca2+ in the fragmented sarcoplasmic reticulum] Usatiuk PV, et al. **Biofizika** 1985 May-Jun;30(3):450-4 (Eng. Abstr.) **(Rus)**

[The use of parameters of non-uniform widening of probe fluorescence spectra in the study of conformation changes in Ca2+-binding proteins] Orlov SN, et al. **Bioorg Khim** 1985 Feb;11(2):180-6 (Eng. Abstr.) **(Rus)**

[Study of the secondary and tertiary structure of phage MS2 RNA using nucleases and fluorescent dyes specific for secondary structure] Borisova OF, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1625-33 (Eng. Abstr.) **(Rus)**

[Study of the structural organization of RNA from phage MS2 using fluorescent dyes] Borisova OF, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1617-24 (Eng. Abstr.) **(Rus)**

[Antineoplastic drugs used as fluorochromes] Stockert JC, et al. **Rev Esp Oncol** 1982;29(3):439-44 (Eng. Abstr.) **(Spa)**

ANALYSIS

Direct observation of the distribution of fluorescent probes in phosphatidylcholine/cholesterol vesicles using flow microfluorometry. Allen JK, et al. **Anal Biochem** 1984 Aug 1;140(2):409-16

Detection of an advanced glycosylation product bound to protein in situ. Chang JC, et al. **J Biol Chem** 1985 Jul 5;260(13):7970-4

CHEMICAL SYNTHESIS

delta 5,7,9(11)-Cholestatrien-3 beta-ol: a fluorescent cholesterol analogue. Fischer RT, et al. **Chem Phys Lipids** 1984 Nov;36(1):1-14

Improved fluorescent compounds for tracing cell lineage. Gimlich RL, et al. **Dev Biol** 1985 Jun;109(2):509-14

The design of fluorescent probes which bind to the active centre of guanidinobenzoatase. Application to the location of cells possessing this enzyme. Steven FS, et al. **Eur J Biochem** 1985 May 15;149(1):35-40

Affinity labeling of the myosin ATPase with ribose-modified fluorescent nucleotides and vanadate. Hiratsuka T. **J Biochem (Tokyo)** 1984 Jul;96(1):147-54

A new generation of Ca2+ indicators with greatly improved fluorescence properties. Grynkiewicz G, et al. **J Biol Chem** 1985 Mar 25;260(6):3440-50

[Synthesis of fluorescent-labeled cerebrosides] Molotkovskii IuL, et al. **Bioorg Khim** 1983 Jan;9(1):112-4 (Eng. Abstr.) **(Rus)**

DIAGNOSTIC USE

NBD-taurine fluorescence as a probe of anion exchange in gallbladder epithelium. Foskett JK. **Am J Physiol** 1985 Jul;249(1 Pt 1):C56-62

A fluorescent screening assay for collagenase using collagen labeled with 2-methoxy-2,4-diphenyl-3(2H)-furanone. O'Grady RL, et al. **Anal Biochem** 1984 Aug 1;140(2):490-4

Simultaneous staining of nuclear DNA and blood group cell surface antigens on cells from bladder irrigation fluid. Devonec M, et al. **Anal Quant Cytol** 1985 Mar;7(1):69-71

Use of the fluorescent probe 1-N-phenylnaphthylamine to study the interactions of aminoglycoside antibiotics with the outer membrane of Pseudomonas aeruginosa. Loh B, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):546-51

Entrapment of DNA and fluorescent compounds in erythrocyte carriers by endocytosis. Ihler MG. **Bibl Haematol** 1985;(51):127-33

Specialized functional domains in hemoglobin: dimensions in solution of the apohemoglobin dimer labeled with fluorescein iodoacetamide. Sassaroli M, et al. **Biochemistry** 1984 May 22;23(11):2487-91

Fluorescence studies using synchrotron radiation on normal and differentiated cells labeled with parinaric acids. Conti F, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):117-22

Specificity of intestinal brush-border proline transport: cyanine dye studies. Wright EM, et al. **Biochim Biophys Acta** 1985 Aug 27;818(2):271-4

Kinetic investigations in single muscle fibres using luminescent and fluorescent Ca2+ probes. Ashley CC, et al. **Cell Calcium** 1985 Apr;6(1-2):159-81 (60 ref.)

Free cytosolic Ca2+ measurements with fluorine labelled indicators using 19FNMR. Metcalfe JC, et al. **Cell Calcium** 1985 Apr;6(1-2):183-95

Terbium, a fluorescent probe for insulin receptor binding. Evidence for a conformational change in the receptor protein due to insulin binding. Williams PF, et al. **Diabetes** 1984 Nov;33(11):1106-11

Endoscopic microscopy of the colon. Strekalovsky VP, et al. **Endoscopy** 1984 Sep;16(5):179-81

Mechanism of fluorescent response of the probe diS-C3-(5) to transmembrane potential changes in a lecithin vesicle suspension. Ivkova MN, et al. **Gen Physiol Biophys** 1984 Apr;3(2):97-117

Real-time fluorescence polarization measurements: interaction of phospholipase A2 with a fluorescent lecithin derivative. Monti JA, et al. **J Biochem Biophys Methods** 1985 May;11(1):45-57

Changes of intracellular free Ca2+ in macrophages following N-formyl chemotactic peptide stimulation. Direct measurement by the loading of quin 2. Hirata M, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):9-16

A coupled amidolytic assay for thromboplastin (tissue factor) using a fluogenic substrate: its application to monkey leukocyte tissue factor. Nakamura S. **J Biochem (Tokyo)** 1985 Feb;97(2):705-7

Further studies on the use of the fluorescent retrograde tracer True Blue in combination with monoamine histochemistry. Skagerberg G, et al. **J Neurosci Methods** 1985 Jun;14(1):25-40

Estrogen receptors in human breast cancer detected by the fluorescent estradiol histochemical and dextran coated charcoal techniques. Nishiki M, et al. **Jpn J Surg** 1984 Nov;14(6):459-64

Single cell recording of quin 2 fluorescence. Muallem S, et al. **Prog Clin Biol Res** 1984;168:151-7

Banding of Allium chromosomes protected against DNase digestion by DNA-binding drugs. Loidl J. **Stain Technol** 1985 Jan;60(1):13-9

A comparative study of DAPI, DIPI, and Hoechst 33258 and 33342 as chromosomal DNA stains. Otto F, et al. **Stain Technol** 1985 Jan;60(1):7-11

[Reaction of bones to silicone rubber implants. Results of histology, microradiography and polychrome sequence labeling] Feldmeier C, et al. **Unfallheilkunde** 1984 Sep;87(9):380-3 (Eng. Abstr.) **(Ger)**

[High performance liquid chromatographic determination of pyrimidine nucleobases and 5-fluorouracil labeled with a fluorescent reagent] Iwamoto M, et al. **Yakugaku Zasshi** 1984 Dec;104(12):1251-6 (Eng. Abstr.) **(Jpn)**

[Chromatin activation as affected by lysosomal proteinases using fluorescent probes] Maianskaia NN, et al. **Vopr Med Khim** 1984;30(6):53-6 (Eng. Abstr.) **(Rus)**

METABOLISM

Release of a fluorescent probe as an indicator of lysosomal granule secretion by thrombin-stimulated human platelets. Greenberg-Sepersky SM, et al. **Anal Biochem** 1985 May 15;147(1):57-62

Quin 2: the dissociation constants of its Ca2+ and Mg2+ complexes and its use in a fluorimetric method for determining the dissociation of Ca2+-protein complexes. Bryant DT. **Biochem J** 1985 Mar 1;226(2):613-6

Differential binding of the fluorescent probe 8-anilinonaphthalene-2-sulfonic acid to rhodanese catalytic intermediates. Horowitz PM, et al. **Biochemistry** 1985 May 21;24(11):2587-93

Interaction of fluorescent adenine nucleotide derivatives with the ADP/ATP carrier in mitochondria. 1. Comparison of various 3'-O-ester adenine nucleotide derivatives. Mayer

I, et al. **Biochemistry** 1984 May 22;23(11):2436–42

Aggregation, lipid exchange, and metastable phases of dimyristoylphosphatidylethanolamine vesicles. Pryor C, et al. **Biochemistry** 1985 Apr 23;24(9):2203–9

Peptide transport in rabbit intestinal brush-border membrane vesicles studied with a potential-sensitive dye. Ganapathy V, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):234–40

Interaction between the subunits of human erythrocyte spectrin using a fluorescence probe. Yoshino H, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):786–92

Fluorescent markers of hypoxic cells: a comparison of two compounds on three cell lines. Begg AC, et al. **Br J Radiol** 1985 Jul;58(691):645–54

Fluorescent phosphonate labels for serine hydrolases. Kinetic and spectroscopic properties of (7-nitrobenz-2-oxa-1,3-diazole)aminoalkyl methylphosphonofluoridates and their conjugates with acetylcholinesterase molecular forms. Berman HA, et al. **J Biol Chem** 1985 Mar 25;260(6):3462–8

4',6-Diamidino-2-phenylindole, a fluorescent probe for tubulin and microtubules. Bonne D, et al. **J Biol Chem** 1985 Mar 10;260(5):2819–25

Labeling of a thiol residue in sarcoplasmic reticulum ATPase by pyrene maleimide. Solvent accessibility studied by fluorescence quenching. Kurtenbach E, et al. **J Biol Chem** 1985 Aug 15;260(17):9636–41

Rates of diffusion of fluorescent molecules via cell-to-cell membrane channels in a developing tissue. Safranyos RG, et al. **J Cell Biol** 1985 Mar;100(3):736–47

Ingestion of dye by the sexes of Trichostrongylus colubriformis. Bottjer KP, et al. **J Parasitol** 1984 Oct;70(5):671–6

Non-specific binding of the fluorescent beta-adrenergic receptor probe alprenolol-NBD. Rademaker B, et al. **J Recept Res** 1985;5(2–3):121–31

[Direct neostriato-cortical connections in the cat brain detected by the retrograde axonal transport of fluorochromes] Serkov FN, et al. **Dokl Akad Nauk SSSR** 1984;278(5):1265–8 **(Rus)**

PHARMACODYNAMICS

The amino acid sequence of the fluorescein isothiocyanate reactive site of lamb and rat kidney Na+- and K+-dependent ATPase. Kirley TL, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):767–73

Distamycin A/DAPI bands and the effects of 5-azacytidine on the chromosomes of the chimpanzee, Pan troglodytes. Schmid M, et al. **Cytogenet Cell Genet** 1984;38(3):192–9

Effect of Calcofluor white and Congo red on fungal cell wall morphogenesis: in vivo activation of chitin polymerization. Roncero C, et al. **J Bacteriol** 1985 Sep;163(3):1180–5

Two distinct classes of nucleotide binding sites in sarcoplasmic reticulum Ca-ATPase revealed by 2',3'-O-(2,4,6-trinitrocyclohexadienylidene)-ATP. Dupont Y, et al. **J Biol Chem** 1985 Jun 25;260(12):7241–9

Bis(1,8-anilinonaphthalenesulfonate). A novel and potent inhibitor of microtubule assembly. Horowitz P, et al. **J Biol Chem** 1984 Dec 10;259(23):14647–50

Assembly properties of fluorescein-labeled tubulin in vitro before and after fluorescence bleaching. Leslie RJ, et al. **J Cell Biol** 1984 Dec;99(6):2146–56

Diffusion coefficient of fluorescein-labeled tubulin in the cytoplasm of embryonic cells of a sea urchin: video image analysis of fluorescence redistribution after photobleaching. Salmon ED, et al. **J Cell Biol** 1984 Dec;99(6):2157–64

Spindle microtubule dynamics in sea urchin embryos: analysis using a fluorescein-labeled tubulin and measurements of fluorescence redistribution after laser photobleaching. Salmon ED, et al. **J Cell Biol** 1984 Dec;99(6):2165–74

Tubulin dynamics in cultured mammalian cells. Saxton WM, et al. **J Cell Biol** 1984 Dec;99(6):2175–86

Mitochondrial membrane potential in lymphocytes as monitored by fluorescent cation diS-C3-(5). Gulyaeva NV, et al. **Membr Biochem** 1985;6(1):19–32

Influence of organic solvents and pH on some characteristics of influenza virus A(H1N1). Note 1. Influence of organic solvents on the spectral characteristics of fluoresceine isothiocyanate-conjugated influenza virus A(H1N1). Zaharia CN, et al. **Virologie** 1985 Apr–Jun;36(2):129–37

[DNA-cholesterol complex studied by fluorescent probes] Shengeliia MG, et al. **Biol Nauki** 1984;(11):34–6 (Eng. Abstr.) **(Rus)**

[Effect of mediators on retrograde primulin-labelled motor neurons] Kliuchko EM, et al. **Fiziol Zh** 1984 Nov–Dec;30(6):730–3 **(Rus)**

[Differential affinity of pathogenic species of microorganisms for a set of lectins detectable by the sandwich method using fluorescein isothiocyanate (FITC)] Lakhtin VM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jan;(1):30–3 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Digital imaging fluorescence microscopy: spatial heterogeneity of photobleaching rate constants in individual cells. Benson DM, et al. **J Cell Biol** 1985 Apr;100(4):1309–23

TOXICITY

The toxic effect of rhodamine B in rats. Nainggolan-Sihombing G. **Paediatr Indones** 1984 Jul–Aug;24(7–8):125–38

FLUORESCENT PROBES see FLUORESCENT DYSS

FLUORIDATION

Effects of fluoride on bone in Finland. Histomorphometry of cadaver bone from low and high fluoride areas. Arnala I, et al. **Acta Orthop Scand** 1985 Apr;56(2):161–6

Fluoridation of public water supplies in Singapore. Teo CS. **Ann Acad Med Singapore** 1984 Apr;13(2):247–51

Fluoridation in Anglesey 1983: a clinical study of dental caries. Jackson D, et al. **Br Dent J** 1985 Jan 19;158(2):45–9

Statement and resolution on the supplemental fluoridation of the water supply. Committee on Public Health, New York Academy of Medicine. **Bull NY Acad Med** 1984 Dec;60(10):1030–1

Dental development in optimal and suboptimal fluoride communities. ElBadrawy HE. **Can Dent Assoc J** 1984 Oct;50(10):761–4

The microflora associated with the progression of incipient carious lesions of children living in a water-fluoridated area. Boyar RM, et al. **Caries Res** 1985;19(4):298–306

Influence of social class and fluoridation on child dental health. Colquhoun J. **Community Dent Oral Epidemiol** 1985 Feb;13(1):37–41

Longitudinal study of prevalence of enamel lesions in a fluoridated and non-fluoridated area. Groeneveld A. **Community Dent Oral Epidemiol** 1985 Jun;13(3):159–63

Knowledge and attitudes of dentists about fluoridation. Isman R. **J Am Dent Assoc** 1984 Dec;109(6):924–7

Weekly rinsing with a fluoride mouthrinse in an unfluoridated community: results after seven years. Leverett DH, et al. **J Public Health Dent** 1985 Spring;45(2):95–100

Another ferocious but unavailing stand against fluoridation. Deitch K. **Lancet** 1985 Jan 26;1(8422):231

Does fluoridation of drinking-water prevent bone fragility and osteoporosis? Simonen O, et al. **Lancet** 1985 Aug 24;2(8452):432–4

Defects of tooth enamel in children in fluoridated and non-fluoridated water areas of the Auckland region. Cutress TW, et al. **NZ Dent J** 1985 Jan;81(363):12–9

Fluoridation [letter] Colquhoun J. **NZ Med J** 1985 Aug 14;98(784):659

Successful and unsuccessful experiences in combating the antifluoridationists. Margolis FJ, et al. **Pediatrics** 1985 Jul;76(1):113–8

The opinions of municipal authorities on fluorides. Kuopio compared with the national sample. Honkala E, et al. **Proc Finn Dent Soc** 1985;81(1):24–7

Acceptability of fluoride use in Finnish municipalities. Tuutti H, et al. **Scand J Soc Med** 1985;13(3):109–12

Effect of water fluoridation on prevalence of dental caries in Chung-Hsing New Village, Taiwan, after 9 years. Guo MK, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Oct;83(10):1035–43

[A survey on daily total fluoride intake and urinary excretion of residents in a fluoridated area] Shen YM. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 May;18(3):162–4 (Eng. Abstr.) **(Chi)**

[Current questions of systemic and topical fluoride prophylaxis 2 years after the introduction of table salt with 250 mg f/kg] Marthaler TM. **Schweiz Monatsschr Zahnmed** 1985 May;95(5):420–31 (Eng. Abstr.) **(Ger)**

[Effect of pre- and postnatal fluoride burdens on the fluoride content of the deciduous tooth enamel] Künzel W, et al. **Zahn Mund Kieferheilkd** 1985;73(1):3–9 (Eng. Abstr.) **(Ger)**

[Prophylaxis of dental caries using sugar substitutes] Eberle G. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec;179(6):477–95 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

Fluorides, facts and fanatics: public health advocacy shouldn't stop at the courthouse door. Christoffel T. **Am J Public Health** 1985 Aug;75(8):888–91

Tooth wear, solubility and fluoride concentration of molar-tooth surfaces in rats maintained on simultaneous or separate intake of food and fluoridated drinking water. Markitziu A, et al. **Arch Oral Biol** 1985;30(2):167–9

The new antifluoridationists: who are they and how do they operate? Easley MW. **J Public Health Dent** 1985 Summer;45(3):133–41

Priorities to preserve fluoride uses: rationales and strategies. Frazier PJ. **J Public Health Dent** 1985 Summer;45(3):149–76

The opposition to fluoride programs: report of a survey. Watson ML. **J Public Health Dent** 1985 Summer;45(3):142–8

ECONOMICS

Cost-benefit analysis of water fluoridation in Townsville, Australia. Doessel DP. **Community Dent Oral Epidemiol** 1985 Feb;13(1):19–22

METHODS

Effect of fluoridated milk on caries: 5 year results. Bánóczy J, et al. **J R Soc Health** 1985 Jun;105(3):99–103

STANDARDS

Factors associated with maintenance of proper water fluoride levels. Kuthy RA, et al. **J Am Dent Assoc** 1985 Apr;110(4):511–3

TRENDS

Thirty years of fluoridation: a review. Richmond VL. **Am J Clin Nutr** 1985 Jan;41(1):129–38

A symposium on the new fight for fluorides. **J Public Health Dent** 1985 Summer;45(3):133–79

Leads from the MMWR. Dental caries and community water fluoridation trends--United States. **JAMA** 1985 Mar 8;253(10):1377, 1383

Dental caries and community water fluoridation trends--United States. **MMWR** 1985 Feb 15;34(6):77–80, 85

New evidence on fluoridation. Colquhoun J. **Soc Sci Med** 1984;19(11):1239–46

FLUORIDE POISONING

Accidental magnesium fluoro silicate ingestion. Brookes MT, et al. **Scott Med J** 1984 Oct;29(4):239–40

COMPLICATIONS

[Radiological diagnosis of stenosis of the vertebral canal due to fluorosis (a myelographic study in 6 cases)] Zhao TC. **Chung Hua Fang She Hsueh Tsa Chih** 1985 Feb;19(1):28–9 (Eng. Abstr.) **(Chi)**

[Examples of the coincidence of fluoride osteosclerosis and prostatic neoplasm] Schmidt CW, et al. **ZFA** 1984 Sep–Oct;39(5):281–3 (Eng. Abstr.) **(Ger)**

[Prevention of cardiohemodynamic disorders at the preclinical stage of chronic fluorine poisoning] Dudchenko MA, et al. **Ter Arkh** 1985;57(1):107–9 (Eng. Abstr.) **(Rus)**

[Blood serotonin levels and urinary excretion of tryptamine in toxic hepatitis caused by fluoride compounds] Medvedeva VN. **Vrach Delo** 1985 Jun;(6):92–5 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Acute fluoride poisoning after ingestion of sodium fluoride tablets. Monsour PA, et al. **Med J Aust** 1984 Oct 13;141(8):503–5

[Characteristics of the course of chronic hepatitis in workers coming in contact with florine compounds] Medvedeva VN. **Gig Tr Prof Zabol** 1985 Jan;(1):24–6 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

[Oxygen balance and the effect of antihypoxic preparations in fluorine poisoning] Shugaev VA. **Farmakol Toksikol** 1984 Jul–Aug;47(4):94–7 (Eng. Abstr.) **(Rus)**

ETIOLOGY

[Acute poisoning as a result of ingesting fluorinated anti-rust compounds] Marsepoil T, et al. **Cah Anesthesiol** 1985 Jan–Feb;33(1):65–6 **(Fre)**

[Osteomalacia disclosing bone fluorosis caused by regular consumption of Vichy Saint-Yorre mineral water (letter)] Arlaud J, et al. **Presse Med** 1984 Nov 3;13(39):2393–4 **(Fre)**

[Fluorides--questions awaiting answers] Machoy Z. **Rocz Panstw Zakl Hig** 1984;35(6):499–503 (Eng. Abstr.) **(Pol)**

[Pathogenetic basis for the dietary prevention of fluorosis] Antonian OA, et al. **Vestn Akad Med Nauk SSSR** 1984;(9):90–4 (Eng. Abstr.) **(Rus)**

OCCURRENCE

Mortality and cancer morbidity after heavy occupational fluoride exposure. Grandjean P, et al. **Am J Epidemiol** 1985 Jan;121(1):57–64

PATHOLOGY

[Changes in the structure of osteonic bone in industrial fluorosis] Palazzini S, et al. **Arch Ital Anat Embriol** 1984 Apr–Jun;89(2):115–30 (Eng. Abstr.) **(Ita)**

[The nasal mucosa and nasal septum in fluorosis] Miszke A, et al. **Otolaryngol Pol** 1984;38(5):421–9 (Eng. Abstr.) **(Pol)**

PREVENTION & CONTROL

Reduction of the lethality and the nephrocalcinotic effect of single fluoride doses by magnesium in rats. Luoma H, et al. **Magnesium** 1984;3(2):81–7

[Biological monitoring of workers engaged in the production of welding fluxes with ambient exposure to fluorine lower than the threshold limit value] Pattarin R, et al. **Med Lav** 1984 Sep–Oct;75(5):368–75 (Eng. Abstr.) **(Ita)**

VETERINARY

Fluoride toxicosis in wild ungulates. Shupe JL, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1295–300

FLUORIDES

F- uptake inhibition by excess phosphate during fluoridated apatite formation. Okazaki M, et al. **Caries Res** 1985; 19(4):342-7

Stability of sodium monofluorophosphate: a technical note. Pearce EI. **Caries Res** 1984;18(6):525-6

Fluorides and dental health revisited [editorial] Ogada T. **East Afr Med J** 1984 Apr;61(4):261

Energy response of LiF (TLD-100) and CaSO4:Dy TL dosimeters to different diagnostic spectra. Servomaa AJ. **Eur J Radiol** 1985 Aug;5(3):236-9

An improved [18O]water target for [18F]fluoride production. Kilbourn MR, et al. **Int J Appl Radiat Isot** 1985 Apr; 36(4):327-8

[Fluoridated mouthwashes as a preventive measure in community health: review article] Simard P, et al. **Can J Public Health** 1984 Jul-Aug;75(4):304-9 (81 ref.) (Eng. Abstr.) **(Fre)**

[Conference on salt fluoridation] Tóth K. **Fogorv Sz** 1985 Apr;78(4):117-21 **(Hun)**

ADMINISTRATION & DOSAGE

Dental implications of fluorides in medical practice. Shory NL. **Ala Med** 1985 Jul;55(1):17-8, 23-8

What we know and don't know about dietary fluoride supplements--the research basis. Driscoll WS. **ASDC J Dent Child** 1985 Jul-Aug;52(4):259-64

Attitudes of dentists and physicians toward the use of dietary fluoride supplements. Gift HC, et al. **ASDC J Dent Child** 1985 Jul-Aug;52(4):265-8

Prenatal fluoride tablet supplementation and the fluoride content of teeth: Part VII. Glenn FB, et al. **ASDC J Dent Child** 1984 Sep-Oct;51(5):344-51

Ways to improve/increase appropriate use of dietary fluorides. Horowitz AM. **ASDC J Dent Child** 1985 Jul-Aug;52(4):269-74

Fluoride supplementation for infants [letter] Leung A. **ASDC J Dent Child** 1984 Sep-Oct;51(5):394

Fluoride tablets and dental health. Smyth JS. **Aust Dent J** 1984 Oct;29(5):296-9

Single fluoride doses and enamel fluorosis in the rat. Angmar-Månsson B, et al. **Caries Res** 1985;19(2):145-52

Prevalence of developmental defects of enamel and dental caries in New Zealand children receiving differing fluoride supplementation. de Liefde B, et al. **Community Dent Oral Epidemiol** 1985 Jun;13(3):164-7

Comparison of caries prevalence 7 years after discontinuation of school-based fluoride rinsing or toothbrushing in Norway. Haugejorden O, et al. **Community Dent Oral Epidemiol** 1985 Feb;13(1):2-6

Prevalence and severity of periodontitis in a high fluoride area in South Africa. Reddy J, et al. **Community Dent Oral Epidemiol** 1985 Apr;13(2):108-12

Field trials of preventive regimens in Thailand and French Polynesia. Barmes D, et al. **Int Dent J** 1985 Mar;35(1):66-72

Fluoride in sugar. Luoma H. **Int Dent J** 1985 Mar;35(1):43-9

Xylitol and caries: the collaborative WHO oral disease preventive programme in Hungary. Scheinin A, et al. **Int Dent J** 1985 Mar;35(1):50-7

Clinical uses of fluorides: a state-of-the-art conference on the uses of fluorides in clinical dentistry. **J Am Dent Assoc** 1984 Sep;109(3):472-4

Fluoride-releasing sealants. **J Am Dent Assoc** 1985 Jan; 110(1):90

Eight-year evaluation of a combined fluoride program in a nonfluoride area. Horowitz HS, et al. **J Am Dent Assoc** 1984 Oct;109(4):575-8

Effect of self-administered daily irrigation with 0.02% SnF2 on periodontal disease activity. Boyd RL, et al. **J Clin Periodontol** 1985 Jul;12(6):420-31

Plasma fluoride levels in man following intake of SnF2 in solution or toothpaste. Ellingsen JE, et al. **J Dent Res** 1985 Oct;64(10):1250-2

Some physico-chemical properties of deciduous enamel of children with and without pre-natal fluoride supplementation (PNF). LeGeros RZ, et al. **J Dent Res** 1985 Mar;64(3):465-9

Changes in oral health from 1973 to 1982 of 13-15-year-old schoolchildren residing in three different fluoride areas in Finland. Parviainen K, et al. **J Dent Res** 1985 Oct; 64(10):1253-6

Caries prevention in rats by fluoride varnish treatment combined with addition of fluoride to dietary sugar. Seppä L, et al. **J Dent Res** 1984 Oct;63(10):1190-2

The effectiveness of a fluoride varnish and a desensitizing toothpaste in treating dentinal hypersensitivity. Clark DC, et al. **J Periodont Res** 1985 Mar;20(2):212-9

A century of water fluoridation in Jacksonville, Florida evidence of safety and effectiveness. **J Public Health Dent** 1984 Summer;44(3):129

The surface-specific caries pattern of participants in a school-based fluoride mouthrinsing program with implications for the use of sealants. Ripa LW, et al. **J Public Health Dent** 1985 Spring;45(2):90-4

The opinions of municipal authorities on fluorides. Kuopio compared with the national sample. Honkala E, et al. **Proc Finn Dent Soc** 1985;81(1):24-7

Dental preservation in patients irradiated for head and neck tumours: A 10-year experience with topical fluoride and a randomized trial between two fluoridation methods. Horiot JC, et al. **Radiother Oncol** 1983 Aug;1(1):77-82

Use of fluorides by Finnish adolescents. Honkala E, et al. **Scand J Dent Res** 1984 Dec;92(6):517-23

Effect of one or three applications of amine fluoride gel on the in vitro fluoride concentration of human enamel. Sener-Zanola B, et al. **Schweiz Monatsschr Zahnmed** 1984 Sep;94(9):871-7

Fluoride supplemented and non gamma 2 amalgam. A comparative clinical study into the primary and permanent dentition in children. Petersson LG, et al. **Swed Dent J** 1985;9(2):49-53

Effect on caries of different fluoride prophylactic programs in preschool children. A two year clinical study. Petersson LG, et al. **Swed Dent J** 1985;9(3):97-104

Fluorine concentration in primary tooth enamel in 6-year-olds after 3 years of daily intake of fluoride-containing tablets (Fludent). Widenheim J, et al. **Swed Dent J** 1984;8(4):203-7

[A survey on daily total fluoride intake and urinary excretion of residents in a fluoridated area] Shen YM. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 May; 18(3):162-4 (Eng. Abstr.) **(Chi)**

[Combined use of vitrectomy and injection of sulfur hexafluoride in complicated retinal detachment] Mathis A, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):649-53 **(Fre)**

[Intraocular injection of sulfur hexafluoride in the surgery of noncomplicated retinal detachment] Mathis A, et al. **Bull Soc Ophtalmol Fr** 1984 Aug-Sep;84(8-9):937-9 **(Fre)**

[Need for the continuous ingestion of fluoride tablets] Gülzow HJ, et al. **Dtsch Zahnarztl Z** 1984 Jul;39(7):512-4 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

Pustular reactions to hexafluorosilicate in foam rubber. Dooms-Goossens A, et al. **Contact Dermatitis** 1985 Jan; 12(1):42-7

Cancer mortality in England in relation to levels of naturally occurring fluoride in water supplies. Chilvers C, et al. **J Epidemiol Community Health** 1985 Mar;39(1):44-7

Role of fluoride and silicon in urinary calculi disease. **Nutr Rev** 1985 May;43(5):140-1 (9 ref.)

Repetitive strain injury (RSI) and magnesium and fluoride intake [letter] Smith GE. **NZ Med J** 1985 Jul 10; 98(782):556-7

A surfeit of fluoride? Smith GE. **Sci Prog** 1985 Autumn; 69(275):429-42

[Massive skeletal fluorosis in compromised kidney function] Schmidt CW, et al. **Z Urol Nephrol** 1985 Mar;78(3):173-6 (Eng. Abstr.) **(Ger)**

[Duration and course of pregnancy in women living in the region of the Police Chemical Plant (clinical data)] Kłokocki D, et al. **Med Pr** 1985;36(1):51-4 (Eng. Abstr.) **(Pol)**

[Relation between daily patient visits to district physicians and atmospheric air pollution] Seroka W, et al. **Przegl Lek** 1984;41(6):433-7 (Eng. Abstr.) **(Pol)**

[Fluorides--questions awaiting answers] Machoy Z. **Rocz Panstw Zakl Hig** 1984;35(6):499-503 (Eng. Abstr.) **(Pol)**

[Osteoarthrosis deformans caused by fluorides and muscular overstrain in industrial workers] Zislin DM, et al. **Revmatologiia (Moskva)** 1984 Jul-Sep;(3):32-5 (Eng. Abstr.) **(Rus)**

ANALYSIS

Effects of fluoride on bone in Finland. Histomorphometry of cadaver bone from low and high fluoride areas. Arnala I, et al. **Acta Orthop Scand** 1985 Apr;56(2):161-6

Fluoride analyses of patient water supplies requested by North Carolina health professionals. Levy SM, et al. **Am J Public Health** 1984 Dec;74(12):1412-4

Novel ion-selective electrode system for the simultaneous determination of fluoride and calcium in acid solution. Tyler JE, et al. **Analyst** 1985 Jan;110(1):15-8

An analyzer for in-line measurement of expiratory sulfur hexafluoride concentration. Jonmarker C, et al. **Anesthesiology** 1985 Jul;63(1):84-8

Distribution of fluoride in human cementum. Nakagaki H, et al. **Arch Oral Biol** 1985;30(2):101-4

The fluoride content of some teas available in Australia. Smid JR, et al. **Aust Dent J** 1985 Feb;30(1):25-8

Fluoride in whole saliva and dental caries experience in areas with high or low concentrations of fluoride in the drinking water. Bruun C, et al. **Caries Res** 1984;18(5):450-6

Enamel fluoride profile construction from biopsy data. Chow LC, et al. **Caries Res** 1985;19(2):103-12

Caries prevalence and dental fluorosis in German children in areas with different concentrations of fluoride in drinking water supplies. Hellwig E, et al. **Caries Res** 1985; 19(3):278-83

Fluoride concentration in deciduous enamel in high- and low-fluoride areas (short communication). Iijima Y, et al. **Caries Res** 1985;19(3):262-5

Raman spectra of phosphate and monofluorophosphate ions in several dentally-relevant materials. Nelson DG, et al. **Caries Res** 1985;19(2):113-21

An evaluation of three procedures for fluoride analysis. Retief DH, et al. **Caries Res** 1985;19(3):248-54

Relationship between enamel fluoride concentration and dental caries in a selected population. Nasir HI, et al. **Community Dent Oral Epidemiol** 1985 Apr;13(2):65-7

Fluoride in air, grass, and cattle. Bunce HW. **J Dairy Sci** 1985 Jul;68(7):1706-11 (32 ref.)

Fluoride in deciduous teeth from an anti-caries clinical study. Sakkab NY, et al. **J Dent Res** 1984 Oct;63(10):1201-5

A simple method for obtaining bone biopsy specimens for fluoride analysis and some preliminary results [letter] Smith GE. **NZ Med J** 1985 Jun 12;98(780):454-5

A general system for the automation of a backflush equipped gas chromatograph and its application in the determination of fluoride in plasma and faeces. Glerum JH, et al. **Pharm Weekbl [Sci]** 1985 Jun 21;7(3):117-20

Fluorine levels in in vitro remineralized enamel after treatment with 1000 ppm F as NaF, MFP or mixed solutions. Lodding A, et al. **Scand J Dent Res** 1985 Aug; 93(4):315-9

Fluoride and bone: an unusual hypothesis. Smith GE. **Xenobiotica** 1985 Mar;15(3):177-86

Fluoride content of selected human food, pet food and related materials. Siebert G, et al. **Z Ernahrungswiss** 1985 Mar; 24(1):54-66

[Measurement of fluoride pollution of the environment. Cases of emission from enamel plants] Bourbon P, et al. **Ann Pharm Fr** 1984;42(6):577-9 (Eng. Abstr.) (Fre)

[Effect of pre- and postnatal fluoride burdens on the fluoride content of the deciduous tooth enamel] Künzel W, et al. **Zahn Mund Kieferheilkd** 1985;73(1):3-9 (Eng. Abstr.) **(Ger)**

[Effect of the topical use of acidulated fluoride solutions on selected parameters of the masticatory system of school children from areas with optimal and trace concentrations of fluorides tap water] Buczkowska-Radlińska J. **Ann Acad Med Stetin** 1984;30:295-308 (Eng. Abstr.) **(Pol)**

BLOOD

Plasma fluoride levels in man following intake of SnF2 in solution or toothpaste. Ellingsen JE, et al. **J Dent Res** 1985 Oct;64(10):1250-2

[Measuring serum fluoride levels using the Radelkis OP-262 type fluoride-ion concentration measuring device] Boros I, et al. **Fogorv Sz** 1984 Aug;77(8):240-6 (Eng. Abstr.) **(Hun)**

DIAGNOSTIC USE

Measurement of functional residual capacity by sulfur hexafluoride washout. Jonmarker C, et al. **Anesthesiology** 1985 Jul;63(1):89-95

Technetium-99m labeling of polymorphonuclear leukocytes: preparation with two different stannous agents. Kelbaek H, et al. **J Nucl Med** 1985 Jan;26(1):68-71

HISTORY

The early history of fluorides as anti-caries agents. Cawson RA, et al. **Br Dent J** 1984 Dec 8;157(11):403-4

ISOLATION & PURIFICATION

[Removal of fluoride from drinking water by activated aluminum oxide] Zhou JF. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Jul;18(4):234-6 **(Chi)**

METABOLISM

The effect of topical fluoride treatment on enamel fluoride uptake and the tensile bond strength of an orthodontic bonding resin. Bryant S, et al. **Am J Orthod** 1985 Apr; 87(4):294-302

Uptake of fluoride by human surface enamel from ammonium bifluoride and consequent reduction in the penetration in vitro by caries-like lesions. Tyler JE, et al. **Arch Oral Biol** 1984;29(12):971-4

Fluoride and bone. An unusual hypothesis [letter] Smith GE. **Aust Dent J** 1984 Jun;29(3):199-200

Effect of soluble calcium on fluoride uptake by artificial caries lesions in vivo. Mellberg JR, et al. **Caries Res** 1985; 19(2):122-5

Lack of effect of sodium lauryl sulfate on fluoride uptake by artificial caries lesions in vivo (short communication). Mellberg JR, et al. **Caries Res** 1984;18(5):478-80

Intraoral uptake of fluoride by presoftened enamel following systemic administration and fluoride mouthrinsing. Zimmermann MB, et al. **Caries Res** 1985;19(3):255-61

Physiological indicators of fluoride exposure and utilization: an epidemiological study. Schamschula RG, et al. **Community Dent Oral Epidemiol** 1985 Apr;13(2):104-7

Release of fluoride ion from 5'-deoxy-5-fluorouridine, an antineoplastic fluoropyrimidine, in humans. Martino R, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):116-8

Osteoporosis: calcium, fluoride, and aluminum interactions. Spencer H, et al. **J Am Coll Nutr** 1985;4(1):121-8 (23 ref.)

Enamel fluoride in nursing rats with mothers drinking water with high fluoride concentrations. Drinkard CR, et al. **J Dent Res** 1985 Jun;64(6):877-80

Fluoride uptake in plaque-covered enamel after treatment with the fluoride lacquer Duraphat. Hellwig E, et al. **J Dent Res** 1985 Aug;64(8):1080-3

Enhanced fluoride uptake from mouthrinses. Hong YC, et al. **J Dent Res** 1985 Feb;64(2):82-4

An in vivo investigation of the fluoride uptake in partially demineralized human enamel from several different dentifrices. Reintsema H, et al. **J Dent Res** 1985 Jan;64(1):19-23

Pharmacokinetics of chronic fluoride ingestion in growing pigs. Richards A, et al. **J Dent Res** 1985 Mar;64(3):425-30

In situ fluoride uptake from fluoride dentifrices by carious enamel. Stookey GK, et al. **J Dent Res** 1985 Jun;64(6):900-3

Thermodynamics of the reaction of ferric myoglobin from Aplysia limacina with azide and fluoride. Dependence of enthalpy changes on pH. Ascenzi P, et al. **J Mol Biol** 1985 Apr 20;182(4):607-9

Influence of zinc and iron on dietary fluoride utilization in the rat. Cerklewski FL, et al. **J Nutr** 1985 Sep;115(9):1162-7

Enamel dissolution and fluoride uptake from sugar solutions. Jerushalmi I, et al. **J Oral Rehabil** 1984 Nov;11(6):555-9

Dentine hypersensitivity. A quantitative comparison of the uptake of metal salts and fluoride by dentine and hydroxyapatite. Dowell P, et al. **J Periodont Res** 1984 Sep;19(5):530-9

Butyrylcholinesterase: inhibition by arsenite, fluoride, and other ligands, cooperativity in binding. Page JD, et al. **Mol Pharmacol** 1985 Apr;27(4):437-43

Renal clearance of fluoride in children and adolescents. Spak CJ, et al. **Pediatrics** 1985 Mar;75(3):575-9

Fluoride metabolism and renal osteodystrophy in regular dialysis treatment. Erben J, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:421-5

Relation of serum and urinary fluoride levels to fluoride intake in healthy men. Maheshwari UR, et al. **Proc West Pharmacol Soc** 1984;27:469-73

In vitro fluoride uptake by human enamel after brushing with an amine fluoride gel and subsequent loss of fluoride by water-washing. Barbakow F, et al. **Schweiz Monatsschr Zahnmed** 1984 Dec;94(12):1275-83

[Bone fluorosis. Apropos of 15 cases] Ghariani MT, et al. **Tunis Med** 1983 Jul-Aug;61(4):292-5 **(Fre)**

[Pharmacokinetics of a fluoride-calcium preparation for the treatment of osteoporosis] Fuchs C, et al. **Arzneimittelforsch** 1984;34(7):832-5 (Eng. Abstr.) **(Ger)**

[Fluoride concentration in the serum and fluoride excretion in the urine after the oral intake of 5-30 mg fluoride from a NaF solution] Einwag J, et al. **Dtsch Zahnarztl Z** 1984 Sep;39(9):699-704 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Short-term effects of fluoride on biosynthesis of enamel-matrix proteins and dentine collagens and on mineralization during hamster tooth-germ development in organ culture. Bronckers AL, et al. **Arch Oral Biol** 1985;30(2):181-91

The effects of chronic high fluoride levels on forming enamel in the rat. DenBesten PK, et al. **Arch Oral Biol** 1984;29(9):675-9

Tooth wear, solubility and fluoride concentration of molar-tooth surfaces in rats maintained on simultaneous or separate intake of food and fluoridated drinking water. Markitziu A, et al. **Arch Oral Biol** 1985;30(2):167-9

Observations of SnF2-treated human enamel using scanning electron microscope. Barbakow F, et al. **ASDC J Dent Child** 1985 Jul-Aug;52(4):279-86

Fluoride and bone mineralization: an important issue in dentistry. Frachella JC. **ASDC J Dent Child** 1984 Nov-Dec;51(6):417-21

Fluoride ions increase collagenase production by rabbit synovial fibroblasts. Jendryczko A, et al. **Biomed Biochim Acta** 1985;44(2):341-3

The relationship between anticaries activity of monofluorophosphate dentifrices and their performances in laboratory tests. Duke SA, et al. **Caries Res** 1985;19(3):284-8

Adenosine 5'-triphosphate content of Streptococcus mutans GS-5 during fluoride-mediated death at low pH. Greger JE, et al. **Caries Res** 1985;19(4):307-13

Remineralization in vivo of artificial caries lesions by a monofluorophosphate dentifrice. Mellberg JR, et al. **Caries Res** 1985;19(2):126-35

The effect of fluoride on nephrocalcinosis in rats. Harrison JE, et al. **Clin Biochem** 1985 Apr;18(2):109-13

Developmental changes in adenylate cyclase activity in canine myocardium. Vulliemoz Y, et al. **Dev Pharmacol Ther** 1984;7(6):409-21

Alteration with dietary state of the activity and zonal distribution of adenylate cyclase stimulated by glucagon, fluoride and forskolin in microdissected rat liver tissue. Zierz S, et al. **Eur J Biochem** 1984 Dec 17;145(3):499-504

Effects of cortisol and fluoride on ion-transporting ATPase activities in cultured osteoblastlike cells. Anderson RE, et al. **In Vitro** 1984 Nov;20(11):847-55

Influence of pH and fluoride on properties of an oral strain of Lactobacillus casei grown in continuous culture. Hamilton IR, et al. **Infect Immun** 1985 Jun;48(3):664-70

Dissipation of the proton motive force in oral streptococci by fluoride. Kashket S, et al. **Infect Immun** 1985 Apr;48(1):19-22

The crystal structure of fluoride-inhibited cytochrome c peroxidase. Edwards SL, et al. **J Biol Chem** 1984 Nov 10;259(21):12984-8

Reduction of aciduramce of streptococcal growth and glycolysis by fluoride and gramicidin. Bender GR, et al. **J Dent Res** 1985 Feb;64(2):90-5

Fluoride-treated roots and viability and attachment of human gingival fibroblasts. Al-Joburi WA, et al. **J Dent Res** 1984 Oct;63(10):1206-10

Effect of chlorhexidine-fluoride applications without and with Sr and Zn on caries, plaque, and gingiva in rats. Luoma H, et al. **J Dent Res** 1984 Oct;63(10):1193-6

Effect of environmental conditions on the fluoride sensitivity of acid production by S. sanguis NCTC 7865. Marsh PD, et al. **J Dent Res** 1985 Feb;64(2):85-9

Effects of sequential calcium phosphate-fluoride rinses on dental plaque, staining, fluoride uptake, and caries in rats. Shern RJ, et al. **J Dent Res** 1984 Dec;63(12):1355-9

pH-dependent fluoride inhibition of peroxidase activity. Thibodeau EA, et al. **J Dent Res** 1985 Oct;64(10):1211-3

Mineral flux of surface enamel and root surfaces in acidified gelatin gels. Feagin FF. **J Oral Pathol** 1984 Oct;13(5):497-504

The effects of fluoride on the gastric mucosa of the rat. Pashley DH, et al. **J Oral Pathol** 1984 Oct;13(5):535-45

Effects of fluoride on thyroid hormone biosynthesis. Studies in a highly sensitive test system. Siebenhüner L, et al. **Klin Wochenschr** 1984 Sep 17;62(18):859-61

Peripheral projections and neuropeptide coexistence in a subpopulation of fluoride-resistant acid phosphatase reactive spinal primary sensory neurons. Dalsgaard CJ, et al. **Neurosci Lett** 1984 Sep 28;51(1):139-44

Dental caries models: effects of sucrose modified by fluoride and magnesium. Luoma AR. **Proc Finn Dent Soc** 1984;80 Suppl 3-4:1-75

Effect of repeated intake of a sugar free fluoride-containing chewing gum on acidogenicity and microbial composition of dental plaque. Ekstrand J, et al. **Scand J Dent Res** 1985 Aug;93(4):309-14

Comparison of effect of SnF2 and NaF mouthrinses on caries incidence, salivary S. mutans and gingivitis in high caries prevalent adults. Klock B, et al. **Scand J Dent Res** 1985 Jun;93(3):213-7

Fluorine levels in in vitro remineralized enamel after treatment with 1000 ppm F as NaF, MFP or mixed solutions. Lodding A, et al. **Scand J Dent Res** 1985 Aug;93(4):315-9

[Effect of fluoride on the growth and adherence of Streptococcus mutans] Liu Z. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Sep;19(3):133-6 **(Chi)**

[Sugar-induced caries affected by added fluoride and magnesium using a caries model] Luoma AR. **Proc Finn Dent Soc** 1985;81(1):51-4 (Eng. Abstr.) **(Fin)**

[Mechanism of the effect of fluoride after Duraphat treatment] Duschner H, et al. **Dtsch Zahnarztl Z** 1984 Sep;39(9):705-9 (Eng. Abstr.) **(Ger)**

[Fluorides--black tea--health] Schmidt CW. **Z Arztl Fortbild (Jena)** 1984;78(21):905-7 **(Ger)**

[Biochemical mechanisms of fluorine action.] Okunev VH, et al. **Ukr Biokhim Zh** 1985 Mar-Apr;57(2):103-13 (112 ref.) (Eng. Abstr.) **(Rus)**

STANDARDS

Guidelines for the acceptance of fluoride-containing dentifrices. Council on Dental Therapeutics. **J Am Dent Assoc** 1985 Apr;110(4):545-7

SUPPLY & DISTRIBUTION

The availability of fluoride chemical supplies. Reeves TG. **J Am Dent Assoc** 1985 Apr;110(4):513-5

THERAPEUTIC USE

Treatment of macular hole retinal detachments with intravitreal gas [letter] Blodi CF, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):811

Expansion of long-acting gas bubbles for intraocular use. Principles and practice. Crittenden JJ, et al. **Arch Ophthalmol** 1985 Jun;103(6):831-4

Fluoride therapies [letter] Lee JR. **ASDC J Dent Child** 1985 Jan-Feb;52(1):14-5

The use of fluoride preparations in dental practice. Monsour PA, et al. **Aust Dent J** 1985 Apr;30(2):81-5

'Low blows' in television advertising? [letter] Oler C. **Can Dent Assoc J** 1985 Jul;51(7):482

Posttreatment benefits from participation in a school-based fluoride mouthrinsing program: results after up to 7 years of rinsing. Leske GS, et al. **Caries Res** 1985;19(4):371-8

Soluble calcium-enhanced remineralization of artificial caries lesions with monofluorophosphate. Mellberg JR, et al. **Caries Res** 1984;18(5):416-20

Dental health status and attitudes to dental care in families participating in a Danish fluoride tablet program. Friis-Hasché E, et al. **Community Dent Oral Epidemiol** 1984 Oct;12(5):303-7

Amine fluoride gel in a caries prophylaxis program for soldiers in Poland. Obersztyn A, et al. **Community Dent Oral Epidemiol** 1984 Oct;12(5):288-91

Caries clinical trial of fluoride rinses in a Danish Public Child Dental Service. Poulsen S, et al. **Community Dent Oral Epidemiol** 1984 Oct;12(5):283-7

Rewards and adolescent health behavior. Lund AK, et al. **Health Psychol** 1984;3(4):351-83

Plaque growth-inhibiting effects of an abrasive fluoride-chlorhexidine toothpaste and a fluoride toothpaste containing oxidative enzymes. Etemadzadeh H, et al. **J Clin Periodontol** 1985 Aug;12(7):607-16

The efficiency of caries prevention with weekly fluoride mouthrinses. Stamm JW, et al. **J Dent Educ** 1984 Nov;48(11):617-26

Effectiveness of a dentifrice containing formalin and sodium monofluorophosphate on dental hypersensitivity. McFall WT Jr, et al. **J Periodontol** 1985 May;56(5):288-92

Changes of subgingival total colony forming units and black pigmented bacteroides after a single irrigation of periodontal pockets with 1.64% SnF2. Schmid E, et al. **J Periodontol** 1985 Jun;56(6):330-3

Priorities to preserve fluoride uses: rationales and strategies. Frazier PJ. **J Public Health Dent** 1985 Summer;45(3):149-76

Weekly rinsing with a fluoride mouthrinse in an unfluoridated community: results after seven years. Leverett DH, et al. **J Public Health Dent** 1985 Spring;45(2):95-100

The proper use of systemic fluoride supplements with children in medical and dental practices. Levy SM, et al. **NC Med J** 1985 Feb;46(2):77-81 (35 ref.)

Use of sulfur hexafluoride, SF6, in the management of the postpneumonectomy pleural space. Harada K, et al. **Respiration** 1984;46(2):201-8

Salivary Streptococcus mutans count and gingivitis in children after rinsing with a chlorhexidine-fluoride solution with and without strontium. Spets-Happonen S, et al. **Scand J Dent Res** 1985 Aug;93(4):329-35

In vitro fluoride uptake by human enamel after brushing with an amine fluoride gel and subsequent loss of fluoride by water-washing. Barbakow F, et al. **Schweiz Monatsschr Zahnmed** 1984 Dec;94(12):1275-83

Dietary pattern and dental caries in 19-year-old adolescents subjected to preventive measures focused on oral hygiene and/or fluorides. Bergendal B, et al. **Swed Dent J** 1985;9(1):1-7

[Current indications for SF6 in vitreo-retinal surgery. Preliminary report] Garcia F, et al. **Bull Soc Ophtalmol Fr** 1984 Mar;84(3):269-70, 273-4 (Eng. Abstr.) **(Fre)**

[SF6 and vitrectomy in complex retinal detachment] Turut P, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):481-4 (Eng. Abstr.) **(Fre)**

[Blood pharmacokinetics of fluorine in man after the oral administration of nicomethanol hydrofluoride] Cheymol G, et al. **J Biol Buccale** 1984 Dec;12(4):349-53 (Eng. Abstr.) **(Fre)**

[Fluorides and pregnancy] Cimasoni G. **Schweiz Rundsch Med Prax** 1985 Feb 12;74(7):137-9 **(Fre)**

[Combined fluoride/calcium therapy of osteoporosis] Krokowski E. **Fortschr Med** 1984 Nov 8;102(41):1067-70 (Eng. Abstr.) **(Ger)**

[Fluoride-containing dentifrices] da Cruz JP. **Rev Port Estomatol Cir Maxilofac** 1984 Jan-Mar;25(1):679-91 **(Por)**

TOXICITY

Effects of fluoride on growth, reproduction and survival in Daphnia magna. Dave G. **Comp Biochem Physiol** [C] 1984;78(2):425-31

Effect of dog food containing 460 ppm fluoride on rat reproduction. Marks TA, et al. **J Toxicol Environ Health** 1984;14(5-6):707-14

The effects of fluoride on animals and plants in the south Safi zone. Kessabi M, et al. **Sci Total Environ** 1984 Sep;38:63-8

Toxicity of fluoride-containing dental preparations: a review. Smith GE. **Sci Total Environ** 1985 May;43(1-2):41-61 (72 ref.)

[Toxicity of fluorides] Strubelt O. **Dtsch Med Wochenschr** 1985 May 3;110(18):730-6 **(Ger)**

URINE

Urinary fluoride levels of children residing in communities with naturally occurring fluorides in the drinking water. Collins EM, et al. **ASDC J Dent Child** 1984 Sep-Oct;51(5):352-5

FLUORIDES, TOPICAL

Role of surfactants in a self-gelling liquid composition for use in the oral cavity. Gron P, et al. **Caries Res** 1984;18(6):519-24

Effects of topical fluorides on five low-fusing dental porcelains. Copps DP, et al. **J Prosthet Dent** 1984 Sep;52(3):340-3

Effects of topical fluoride preparations on glazed porcelain surfaces. Jones DA. **J Prosthet Dent** 1985 Apr;53(4):483-4

Diffusion of fluoride from alginate compared with other topical fluoride agents. Hattab F, et al. **Scand J Dent Res** 1985 Jun;93(3):269-75

ADMINISTRATION & DOSAGE

Topical fluorides [letter] Gedalia I. **ASDC J Dent Child** 1984 Sep-Oct;51(5):392, 394

Topical fluoride procedures re-examined [editorial] Harris R. **Aust Dent J** 1984 Dec;29(6):411-2

The effect of acid-etching followed by fluoride application on the development of artificial carious lesions around amalgam restorations. Kidd EA, et al. **Br Dent J** 1984 Nov 24;157(10):349-53

Effect of prior toothcleaning on bi-annual professional acidulated phosphate fluoride topical fluoride gel-tray treatments. Results after three years. Ripa LW, et al. **Caries Res** 1984;18(5):457–64

Fluoride uptake by dentin surfaces following topical application of TiF4, NaF and fluoride varnishes in vivo. Tveit AB, et al. **Caries Res** 1985;19(3):240–7

Intraoral uptake of fluoride by presoftened enamel following systemic administration and fluoride mouthrinsing. Zimmermann MB, et al. **Caries Res** 1985;19(3):255–61

Fluoride uptake in plaque-covered enamel after treatment with the fluoride lacquer Duraphat. Hellwig E, et al. **J Dent Res** 1985 Aug;64(8):1080–3

Prevalence of dental fluorosis after fluoride-gel treatments in a low-fluoride area. Larsen MJ, et al. **J Dent Res** 1985 Aug;64(8):1076–9

Caries prevention in rats by fluoride varnish treatment combined with addition of fluoride to dietary sugar. Seppä L, et al. **J Dent Res** 1984 Oct;63(10):1190–2

Prevention of tooth decalcification under acrylic splints used in orthognathic surgery. Bell CN. **J Oral Maxillofac Surg** 1985 Aug;43(8):650–1

Adolescents' health beliefs and acceptance of a novel preventive dental activity: a further note. Kegeles SS, et al. **Soc Sci Med** 1984;19(9):979–82

[Fluorotherapy in children: what method in 1983?] Ribes D. **Rev Odontostomatol (Paris)** 1984 Jul–Aug;13(4):249–53 **(Fre)**

[Clinical controls of fluoride-containing chewing gums. II] Calura G, et al. **Minerva Stomatol** 1984 Jul–Aug; 33(4):559–63 (Eng. Abstr.) **(Ita)**

ANALYSIS

Self-gelling liquid composition for topical application of medications. Gron P, et al. **Caries Res** 1985;19(3):228–31

METABOLISM

Long-term retention and effectiveness of APF and neutral KF fluoridation agents on sound and etched bovine enamel. Valk JW, et al. **Caries Res** 1985;19(1):46–52

Effects of suctioning devices on oral fluoride retention. LeCompte EJ, et al. **J Am Dent Assoc** 1985 Mar; 110(3):357–60

PHARMACODYNAMICS

The effect of topical fluoride treatment on enamel fluoride uptake and the tensile bond strength of an orthodontic bonding resin. Bryant S, et al. **Am J Orthod** 1985 Apr; 87(4):294–302

Effect of topically applied fluoride solutions on the surface free energy of pellicle-covered human enamel. de Jong HP, et al. **Caries Res** 1984;18(6):505–8

Post-treatment effect of fluoride varnishes in children with a high prevalence of dental caries in a community with fluoridated water. Seppä L, et al. **J Dent Res** 1984 Oct; 63(10):1221–2

Topical fluoride application and lesion progression in vitro. Wefel JS, et al. **J Dent Res** 1984 Nov;63(11):1276–8

The effect of topically applied fluorides on the surface free energy of human dentin. de Jong HP, et al. **J Periodont Res** 1984 Sep;19(5):540–4

POISONING

Diagnosis and treatment of acute fluoride toxicity. Bayless JM, et al. **J Am Dent Assoc** 1985 Feb;110(2):209–11

THERAPEUTIC USE

The caries-preventive effect of a fluoride varnish in the fissures of the first permanent molar. Holm GB, et al. **Acta Odontol Scand** 1984 Aug;42(4):193–7

Fluoride syndrome [letter] Lewin DA. **Br Dent J** 1985 Jan 19;158(2):39

Results of the Sherbrooke-Lac Mégantic fluoride varnish study after 20 months. Clark DC, et al. **Community Dent Oral Epidemiol** 1985 Apr;13(2):61–4

The effectiveness of a fluoride varnish and a desensitizing toothpaste in treating dentinal hypersensitivity. Clark DC, et al. **J Periodont Res** 1985 Mar;20(2):212–9

Three-year study of the effect of fluoride varnish (Duraphat) on proximal caries progression in teenagers. Modéer T, et al. **Scand J Dent Res** 1984 Oct;92(5):400–7

[Nutrition, the consumption of sweets and the use of fluorides in preschool and school children] Martens L, et al. **Rev Belge Med Dent** 1984 Oct–Nov;39(5):160–4 (Eng. Abstr.) **(Fre)**

[Current questions of systemic and topical fluoride prophylaxis 2 years after the introduction of table salt with 250 mg f/kg] Marthaler TM. **Schweiz Monatsschr Zahnmed** 1985 May;95(5):420–31 (Eng. Abstr.) **(Ger)**

[Possibilities of preventing fissure caries of first molars in children 6 to 7 years of age] Jaworska D. **Ann Acad Med Stetin** 1984;30:281–93 (Eng. Abstr.) **(Pol)**

[Organizational aspects of conducting topical fluorine prevention of dental caries in children's collectives] Suntsov VG, et al. **Stomatologiia (Mosk)** 1984 Sep–Oct; 63(5):68–70 (Eng. Abstr.) **(Rus)**

FLUORINATED HYDROCARBONS see **HYDROCARBONS, FLUORINATED**

FLUORINATED POLYMERS see **FLUOROCARBON POLYMERS**

FLUORINE

Fluorine-19 nuclear magnetic resonance investigation of fluorine-19-labeled phospholipids. 2. A line-shape analysis. Dowd SR, et al. **Biochemistry** 1984 Dec 4;23(25):6142–6

Fluorine-19 nuclear magnetic resonance investigation of fluorine-19-labeled phospholipids. 1. A multiple-pulse study. Post JF, et al. **Biochemistry** 1984 Dec 4; 23(25):6138–41

Accelerated oxide growth on titanium implants during autoclaving caused by fluorine contamination. Lausmaa J, et al. **Biomaterials** 1985 Jan;6(1):23–7

An improved [18O]water target for [18F]fluoride production. Kilbourn MR, et al. **Int J Appl Radiat Isot** 1985 Apr; 36(4):327–8

A simple synthesis of 18F-labelled 5-fluorouracil using acetylhypofluorite. Diksic M, et al. **Int J Nucl Med Biol** 1984;11(2):141–2

The synthesis of 2-[F-18]fluoro-2-deoxy-D-glucose using glycals: a reexamination. Bida GT, et al. **J Nucl Med** 1984 Dec;25(12):1327–34

Aromatic radiofluorination with [18F]fluorine gas: 6-[18F]fluoro-L-dopa. Firnau G, et al. **J Nucl Med** 1984 Nov;25(11):1228–33

Syntheses and specific activity determinations of no-carrier-added (NCA) F-18-labeled butyrophenone neuroleptics--benperidol, haloperidol, spiroperidol, and pipamperone. Shiue CY, et al. **J Nucl Med** 1985 Feb; 26(2):181–6

Halogenated nucleic acids: base properties and conformation of fluorinated derivatives. Alderfer JL, et al. **Prog Clin Biol Res** 1985;172A:249–61

ANALYSIS

Fluorine concentration in primary tooth enamel in 6-year-olds after 3 years of daily intake of fluoride-containing tablets (Fludent). Widenheim J, et al. **Swed Dent J** 1984;8(4):203–7

[Radiological diagnosis of stenosis of the vertebral canal due to fluorosis (a myelographic study in 6 cases)] Zhao TC. **Chung Hua Fang She Hsueh Tsa Chih** 1985 Feb;19(1):28–9 (Eng. Abstr.) **(Chi)**

[Effect of air fluorine content on dental fluorosis and caries incidences] Zhou DC. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar;19(1):26–8 **(Chi)**

[Determination of trace fluorine in the hair] Liu CL. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Sep; 18(5):299–300 **(Chi)**

[Preliminary study of the fluoride content of some traditional Chinese drugs] Wei WH. **Chung Yao Tung Pao** 1985 Feb; 10(2):62–4 **(Chi)**

[Determination of fluorine in plant tissues] Ottaviani M, et al. **Ann Ist Super Sanita** 1983;19(2–3):467–70 (Eng. Abstr.) **(Ita)**

[Dissemination of senile cataract among the population of Poltava Province consuming water with various fluorine levels] Kas'ianenko AS, et al. **Oftalmol Zh** 1984;(5):302–4 (Eng. Abstr.) **(Rus)**

BLOOD

[Blood pharmacokinetics of fluorine in man after the oral administration of nicomethanol hydrofluoride] Cheymol G, et al. **J Biol Buccale** 1984 Dec;12(4):349–53 (Eng. Abstr.) **(Fre)**

CHEMICAL SYNTHESIS

Synthesis and evaluation of 19F labeled sulfonyl fluorides as probes of protease structure: alpha-chymotrypsin. Tsunematsu H, et al. **J Biochem (Tokyo)** 1984 Aug; 96(2):349–55

DIAGNOSTIC USE

Improved synthesis and low-temperature autoradiographic evaluation of 18F-n-fluoropropane as a myelin tracer for positron emission tomography. Diksic M, et al. **Eur J Nucl Med** 1984;9(12):553–7

Synthesis and some characteristics of no-carrier added [18F]fluorotrimethylsilane. Rosenthal MS, et al. **Int J Appl Radiat Isot** 1985 Apr;36(4):318–9

A simple synthesis of 18F-labelled 5-fluorouracil using acetylhypofluorite. Diksic M, et al. **Int J Nucl Med Biol** 1984;11(2):141–2

Estimation of the radiation dose in man due to 6-[18F]fluoro-L-dopa. Harvey J, et al. **J Nucl Med** 1985 Aug;26(8):931–5

Preparation of four fluorine- 18-labeled estrogens and their selective uptakes in target tissues of immature rats. Kiesewetter DO, et al. **J Nucl Med** 1984 Nov; 25(11):1212–21

Imaging of hepatoma with 18F-fluorodeoxyglucose [letter] Paul R, et al. **Lancet** 1985 Jan 5;1(8419):50–1

Imaging of canine cancers with 18F-2-fluoro-2-deoxy-D-glucose (FDG) suggests further applications for cancer imaging in man. Paul R, et al. **Nucl Med Commun** 1984 Oct;5(10):641–6

Alternative tracers to 18F for estimating bone blood flow. Tellez M, et al. **Nucl Med Commun** 1984 Mar;5(3):153–8

Positron emission tomography study of regional glucose metabolism in cerebral ischemia--topographic and kinetic aspects. Pawlik G, et al. **Prog Brain Res** 1984;62:253–62

[Localized imaging with 18F-fluorodeoxyglucose] Paul R, et al. **Duodecim** 1985;101(12):1167–77 **(Fin)**

[Experimental study for tumor detection using 18F-2-fluoro-deoxy-D-glucose: imaging of rabbit VX2-tumor with single photon gamma camera] Abe Y, et al. **Kaku Igaku** 1985 Mar;22(3):389–91 (Eng. Abstr.) **(Jpn)**

[Cancer detection with 18F-5-fluorodeoxyuridine--a new cancer diagnostic agent reflecting nucleic acid metabolism] Abe Y, et al. **Kaku Igaku** 1985 May;22(5):583–6 (Eng. Abstr.) **(Jpn)**

[Tomographic mapping of rate constants of [F-18] FDG model] Sasaki H, et al. **Kaku Igaku** 1985 Jan;22(1):81–4 (Eng. Abstr.) **(Jpn)**

METABOLISM

Effects of fluorination on in-vitro metabolism and biological activity of N-nitrosodialkylamines. Janzowski C, et al. **IARC Sci Publ** 1984;(57):553–8

Fluorine and thyroid gland function: a review of the literature. Bürgi H, et al. **Klin Wochenschr** 1984 Jun 15; 62(12):564–9 (68 ref.)

The availability of fluoride from NaF and phosphorus supplements. Clay AB, et al. **Vet Hum Toxicol** 1985 Feb; 27(1):3–6

[Fluorine level in the milk of parturients and its effect on connective tissue metabolism in newborn infants] Jendryczko A, et al. **Pediatr Pol** 1984 Jun;59(6):465–9 (Eng. Abstr.) **(Pol)**

PHARMACODYNAMICS

Fluoro ketone inhibitors of hydrolytic enzymes. Gelb MH, et al. **Biochemistry** 1985 Apr 9;24(8):1813–7

3'-Fluoro-2',3'-dideoxyribonucleoside 5'-triphosphates: terminators of DNA synthesis. Chidgeavadze ZG, et al. **FEBS Lett** 1985 Apr 22;183(2):275–8

Influence of EHDP and F on Ca and P loss from enamel during the intra-oral cariogenicity test. Wöltgens JH, et al. **J Biol Buccale** 1984 Dec;12(4):339–48

POISONING

[Fluorinated osteosis of water and soil origin in a renal insufficiency patient. Apropos of a case with histomorphometric analysis] Hurault de Ligny B, et al. **Arch Anat Cytol Pathol** 1984;32(3):179–83 (Eng. Abstr.) **(Fre)**

TOXICITY

[Effect of fluorine on the enameloblasts in relation to the nonspecific resistance of the body] Ovrutskiĭ GD, et al. **Stomatologiia (Mosk)** 1985 Mar–Apr;64(2):12–4 (Eng. Abstr.) **(Rus)**

URINE

[Kinetics of fluorine elimination in exposed workers] Chuturkova R. **Probl Khig** 1984;9:73–8 (Eng. Abstr.) **(Bul)**

FLUORMETHYLDEHYDROCORTICOSTERONE see **FLUOCORTOLONE**

FLUOROACETATES

Electron-capture capillary gas chromatographic determination of phenylpropanolamine in human plasma following derivatization with trifluoroacetic anhydride. Crisologo N, et al. **J Pharm Sci** 1984 Sep;73(9):1313–5

Isolation of bacterial plasmids by density gradient centrifugation in cesium trifluoroacetate (CsTFA) without the use of ethidium bromide. Andersson K, et al. **Plasmid** 1985 Jan;13(1):78–80

ANALYSIS

Capillary gas chromatographic-mass spectrometric determination of fluoroacetate residues in animal tissues. Casper HH, et al. **J Assoc Off Anal Chem** 1985 Jul–Aug; 68(4):722–5

Liquid chromatographic determination of sodium fluoroacetate (Compound 1080) in meat baits and formulations. Kramer HL. **J Assoc Off Anal Chem** 1984 Nov–Dec;67(6):1058–61

METABOLISM

Immunological studies on the mechanism of halothane-induced hepatotoxicity: immunohistochemical evidence of trifluoroacetylated hepatocytes. Satoh H, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):857–62

PHARMACODYNAMICS

[Studies on the schistosomicidal mechanism of fluoroacetic acid] Huang ZY, et al. **Yao Hsueh Hsueh Pao** 1984 Apr; 19(4):256–60 (Eng. Abstr.) **(Chi)**

POISONING

Acute renal failure caused by acute monofluoroacetate poisoning. Chung HM. **Vet Hum Toxicol** 1984;26 Suppl 2:29-32

Toxic ducks—1080 residues in game birds. An exercise in applied toxicology. Temple WA, et al. **Vet Hum Toxicol** 1985 Feb;27(1):20-1

TOXICITY

Role of fluroacetate in the toxicity of 2-fluroethylnitrosoureas. Tisdale MJ, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3323-7

FLUOROBENZENES

Chemical derivatization analysis of pesticide residues. IX. Analysis of phenol and 21 chlorinated phenols in natural waters by formation of pentafluorobenzyl ether derivatives. Lee HB, et al. **J Assoc Off Anal Chem** 1984 Nov-Dec; 67(6):1086-91

Application of a fluorogenic reagent, ammonium 7-fluorobenzo-2-oxa-1,3-diazole-4-sulfonate for detection of cystine-containing peptides. Sueyoshi T, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1811-3

BLOOD

Bistrifluoromethylaryl derivatives for drug analysis by gas chromatography electron capture negative ion chemical ionization mass spectrometry. Application to the measurement of (N-dicyclopropylmethyl)amino-2-oxazoline in plasma. Murray S, et al. **Biomed Mass Spectrom** 1985 May; 12(5):230-7

CHEMICAL SYNTHESIS

[N-substituted p-fluorobenzene sulfonamides. 2. Evaluation of antileukemic activity] Vigorita MG. **Boll Chim Farm** 1984 Aug;123(8):390-3 (Eng. Abstr.) **(Ita)**

TOXICITY

[Hygienic standardization of benzotrifluoride level in reservoir water] Antonova VI, et al. **Gig Sanit** 1985 Feb; (2):86-7 **(Rus)**

FLUOROCARBON AEROSOLS see FREONS

FLUOROCARBON EMULSIONS see FLUOROCARBONS

FLUOROCARBON POLYMERS

An introduction to fluoropolymer contact lenses: a new class of materials. Keates RH, et al. **CLAO J** 1984 Oct-Dec; 10(4):332-4

[Temporary covering in the surgery of skin tumors] Petres J, et al. **Z Hautkr** 1985 Jan;60(1-2):185-96 (Eng. Abstr.) **(Ger)**

FLUOROCARBON PROPELLANTS see FREONS

FLUOROCARBON RESINS see FLUOROCARBON POLYMERS

FLUOROCARBONS

see related
BLOOD SUBSTITUTES

Perfluorinated organic liquids and emulsions as biocompatible NMR imaging agents for 19F and dissolved oxygen. Clark LC Jr, et al. **Adv Exp Med Biol** 1984;180:835-45

Cold protected hearts extract oxygen from Fluosol-DA during cardiopulmonary bypass. Gartman DM, et al. **Adv Exp Med Biol** 1984;180:443-50

Isolated perfusion of the small intestine using perfluorotributylamine as artificial oxygen carrier. Hartmann F, et al. **Adv Exp Med Biol** 1984;180:711-20

Intravitreal expanding gas bubble. A morphologic study in the rabbit eye. Miller B, et al. **Arch Ophthalmol** 1984 Nov; 102(11):1708-11

Perfluoro-1-methyldecalin as a potential oxygen carrier with fluid scleral lenses. Refojo MF, et al. **Curr Eye Res** 1985 Jun;4(6):732-3

Introduction to fluorocarbons. Clark LC Jr. **Int Anesthesiol Clin** 1985 Spring;23(1):1-9

Chemistry of fluorocarbons in biomedical use. Moore RE, et al. **Int Anesthesiol Clin** 1985 Spring;23(1):11-24

Immunological biocompatibility in blood substitutes. Vercellotti GM, et al. **Int Anesthesiol Clin** 1985 Spring; 23(1):47-62

Carbon monoxide-cytochrome interactions in the brain of the fluorocarbon-perfused rat. Piantadosi CA, et al. **J Appl Physiol** 1985 Feb;58(2):665-72

Effect of fluorocarbon perfusion upon the preservation of amputated limbs. An experimental study. Usui M, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):473-7

Use of perfluorinated carboxylic acids in the separation of aminoglycoside antibiotics by ion-pair reversed-phase high-performance liquid chromatography. Inchauspé G, et al. **J Chromatogr** 1984 Oct 26;303(1):277-82

The influence of oxygenation on the 19F spin-lattice relaxation rates of fluosol-DA. Reid RS, et al. **Phys Med Biol** 1985 Jul;30(7):677-86

The reactions of recoil tritium atoms with toluene in the C6F6-moderated systems. Oohashi K, et al. **Radioisotopes** 1984 Sep;33(9):601-5

Effects of a tetrafluoroethylene glow discharge on patency of small diameter dacron vascular grafts. Garfinkle AM, et al. **Trans Am Soc Artif Intern Organs** 1984;30:432-9

Physiological effects of ventilation with liquid fluorocarbon at controlled temperatures. Shaffer TH, et al. **Undersea Biomed Res** 1984 Sep;11(3):287-98

[Biocompatibility of implants with and without fluorohydrocarbon glow polymer coating. 4. Recommendations for the histocompatibility (repair) index for the evaluation of various implant materials] Keller F, et al. **Z Exp Chir Transplant Kunstliche Organe** 1985; 18(1):9-18 (Eng. Abstr.) **(Ger)**

[Use of a perfluorochemical blood substitute in myocardial preservation] Tamura M, et al. **Kokyu To Junkan** 1985 Mar; 33(3):403-10 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

Exchange transfusions in rats with a perfluorated blood substitute: effect on thromboxane B2 levels during endotoxemia. Cook JA, et al. **Circ Shock** 1985; 15(3):193-204

Cholestyramine-enhanced fecal elimination of carbon-14 in rats after administration of ammonium [14C]perfluorooctanoate or potassium [14C]perfluorooctanesulfonate. Johnson JD, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):972-6

Perfluorocarbone (FDA 20) and extracorporeal circuit of isolated extremity perfusion. Hild P, et al. **Tumori** 1985 Jun 30;71(3):267-70

[Contrast material with oxygenated Fluosol-DA, 20 for the protection against complications of catheter cerebral angiography] Oda Y, et al. **No Shinkei Geka** 1984 Nov; 12(12):1369-77 (Eng. Abstr.) **(Jpn)**

[Effect of perfluoroorganic emulsions on hematological indicators in laboratory animals] Sedova LA, et al. **Gematol Transfuziol** 1985 Feb;30(2):35-7 (Eng. Abstr.) **(Rus)**

[Phospholipids in the blood and tissues of rats after infusion of perfluorocarbon emulsion] Tereshina EV, et al. **Gematol Transfuziol** 1985 Apr;30(4):42-5 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Pulmonary complications after Fluosol administration to patients with life-threatening blood loss. Police AM, et al. **Crit Care Med** 1985 Feb;13(2):96-8

Gas-mediated vitreous compression: an experimental alternative to mechanized vitrectomy. Thresher RJ, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;221(5):192-8

BLOOD

Fluosol 43 intravascular persistence in mice measured by 19F nmr. Malet-Martino MC, et al. **J Pharm Pharmacol** 1984 Aug;36(8):556-9

[Perfusion preservation of the heart by cardiosynchronized pulsating flow and fluorocarbon oxygenation of the blood] Chilaia SM, et al. **Kardiologiia** 1984 Jul;24(7):94-6 **(Rus)**

DIAGNOSTIC USE

Specific enhancement of intra-abdominal abscesses with perfluoroctylbromide for CT imaging. Mattrey RF, et al. **Invest Radiol** 1984 Sep-Oct;19(5):438-46

Experimental comparison of EOE-13 and perfluoroctylbromide for the CT detection of hepatic metastases. Patronas N, et al. **Invest Radiol** 1984 Nov-Dec; 19(6):570-3

[Tumor imaging with conventional X-ray using a new artificial blood substitute (perfluoroctylbromide emulsion, FOB)] Hishikawa-Itoh Y, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2236-44 (Eng. Abstr.) **(Jpn)**

METABOLISM

Tissue oxygenation by fluorocarbons. Faithfull NS, et al. **Adv Exp Med Biol** 1984;180:569-80

Quantitative structure-in vivo half-life relationships of perfluorochemicals for use as oxygen transporters. Yamanouchi K, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar; 33(3):1221-31

Transport of oxygen by perfluorochemical emulsions. Rosen AL, et al. **Int Anesthesiol Clin** 1985 Spring;23(1):95-103

The metabolism and nephrotoxicity of tetrafluoroethylene in the rat. Odum J, et al. **Toxicol Appl Pharmacol** 1984 Nov;76(2):306-18

Fluosol 43 particle localization pattern in target organs of rats. An electron microscopy study. Caiazza S, et al. **Virchows Arch [A]** 1984;404(2):127-37

PHARMACODYNAMICS

Effects of fluorocarbons with and without oxygen supplementation on cardiac hemodynamics and energetics. Rude RE, et al. **Am J Cardiol** 1984 Oct 1;54(7):880-3

Perfluorocarbon compounds: effects on the rheological properties of sickle erythrocytes in vitro. Reindorf CA, et al. **Am J Hematol** 1985 Jul;19(3):229-36

Crystalloid and perfluorochemical perfusates in an isolated working rabbit heart preparation. Chemnitius JM, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H285-92

Steroid secretion by rat testes perfused with perfluorochemicals as oxygen carriers. Chubb C, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):E432-7

The effect of Fluosol-DA on induction of inhalation anesthesia. Chilcoat RT, et al. **Anesth Analg** 1985 Apr; 64(4):405-10

Effect of exchange transfusion with an oxygen-carrying resuscitation fluid on the efficacy of penicillin therapy of pneumococcal infection in rats. Hodges GR, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):903-8

Effects of hexafluoroacetone on Leydig cell steroidogenesis and spermatogenesis in the rat. Gillies PJ, et al. **Exp Mol Pathol** 1985 Jun;42(3):353-65

Surfactants and perfluorochemical emulsions for use in blood replacement preparations. Geyer RP. **Int Anesthesiol Clin** 1985 Spring;23(1):25-36

Effect of perfluorochemicals on host defense, especially on the reticuloendothelial system. Lutz J. **Int Anesthesiol Clin** 1985 Spring;23(1):63-93

Perfluorochemical emulsions and perfusion of isolated organs. Sloviter HA. **Int Anesthesiol Clin** 1985 Spring; 23(1):37-46

Use of a perfluorochemical emulsion to improve oxygenation in a solid tumor. Rockwell S. **Int J Radiat Oncol Biol Phys** 1985 Jan;11(1):97-103

The effects of myocardial perfusion with perfluorochemical substances. Tomoda H. **Jpn Heart J** 1985 Mar;26(2):247-57

Beneficial effects of perfluorochemical artificial blood on cardiac function following coronary occlusion. Mushlin PS, et al. **Life Sci** 1985 Jun 3;36(22):2093-102

Nephrotoxic effects of oxygen transport media in the isolated rat kidney. Millis RM, et al. **Proc Soc Exp Biol Med** 1985 Apr;178(4):643-7

Effects of volume expansion with Fluosol-DA on renal function of the nonhuman primate. Roccaforte WH, et al. **Renal Physiol** 1984;7(5):293-8

Modification of cerebral ischemia with Fluosol. Peerless SJ, et al. **Stroke** 1985 Jan-Feb;16(1):38-43

[Optimization of the growth of anaerobic bacteria by addition of a perfluorinated oil] Ceschin C, et al. **C R Acad Sci [III]** 1985;300(18):669-72 (Eng. Abstr.) **(Fre)**

[Effect of perfluorochemicals on tissue PO2 levels in a subcutaneous 9L rat glioma model] Kokunai T, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2207-11 (Eng. Abstr.) **(Jpn)**

[Study on renal transplantation. IX. Experimental study on kidney preservation with perfluorochemical emulsion at low temperature] Matsuzaki Y. **Hinyokika Kiyo** 1984 Aug; 30(8):995-1003 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Fluorocarbons and the microcirculation. Faithfull NS, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:69-78

Emulsions of perfluorochemicals as blood substitutes. Sloviter HA, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:61-8

Limitations of fluorocarbons in reducing myocardial infarct size. Menasche P, et al. **Am J Cardiol** 1985 Mar 1; 55(6):830-4

Intestinal ischemia: reduction of mortality utilizing intraluminal perfluorochemical. Ricci JL, et al. **Am J Surg** 1985 Jan;149(1):84-90

Red cell substitutes: an update. Gould SA, et al. **Ann Emerg Med** 1985 Aug;14(8):798-803

Perfluorochemical emulsion oxygen transport fluids: a clinical review. Tremper KK, et al. **Annu Rev Med** 1985; 36:309-13

Expansion of long-acting gas bubbles for intraocular use. Principles and practice. Crittenden JJ, et al. **Arch Ophthalmol** 1985 Jun;103(6):831-4

Focal cerebral ischemia: reduction in size of infarcts by ventriculo-subarachnoid perfusion with fluorocarbon emulsion. Bose B, et al. **Brain Res** 1985 Mar 4;328(2):223-31

Reduction of infarct size with intracoronary perfluorochemical in a canine preparation of reperfusion. Forman MB, et al. **Circulation** 1985 May;71(5):1060-8

Peripheral panretinal photocoagulation and perfluoropropane/air mixture in vitreoretinal surgery for proliferative vitreoretinopathy. Fisher Y, et al. **Dev Ophthalmol** 1985;11:194-9

Fluorocarbons in the resuscitation of hemorrhage. Biro GP. **Int Anesthesiol Clin** 1985 Spring;23(1):143-67

The use of perfluorochemicals during open heart surgery. Kanter KR, et al. **Int Anesthesiol Clin** 1985 Spring; 23(1):105-14

Overview of the use of perfluorochemicals for myocardial ischemic rescue. Kloner RA, et al. **Int Anesthesiol Clin** 1985 Spring;23(1):115-30 (28 ref.)

Perfluorochemical emulsions for the treatment of cerebral ischemia. Kusske JA, et al. **Int Anesthesiol Clin** 1985 Spring; 23(1):131-41

Perfluorochemical emulsions: potential clinical uses and new developments. Levine EM, et al. **Int Anesthesiol Clin** 1985 Spring;23(1):211-30 (62 ref.)

Present status of clinical studies of Fluosol-DA (20%) in Japan. Mitsuno T, et al. **Int Anesthesiol Clin** 1985 Spring; 23(1):169-84

Clinical experience with Fluosol-DA (20%) in the United States. Tremper KK, et al. **Int Anesthesiol Clin** 1985 Spring; 23(1):185-97

Potential application of perfluorochemicals in cancer therapy. Yuhas JM, et al. **Int Anesthesiol Clin** 1985 Spring; 23(1):199-209

A comparison of blood and Fluosol-DA for cardiopulmonary bypass. Rousou JA, et al. **J Cardiovasc Surg (Torino)** 1985 Sep-Oct;26(5):447-53

Initial Canadian experience with artificial blood (Fluosol-DA-20%) in severely anemic patients. Stefaniszyn HJ, et al. **J Cardiovasc Surg (Torino)** 1985 Jul-Aug;26(4):337-42

Enhanced cardioplegic protection by a fluorocarbon-oxygenated reperfusate: a phosphorus-31 nuclear magnetic resonance study. Bernard M, et al. **J Surg Res** 1985 Sep;39(3):216-23

Present trends in fluorocarbon-based blood substitutes. Riess JG. **Life Support Syst** 1984 Oct-Dec;2(4):273-6

Measurements of in vivo energy metabolism in experimental cerebral ischaemia using 31P-NMR for the evaluation of protective effects of perfluorochemicals and glycerol. Naruse S, et al. **Neurol Res** 1984 Dec;6(4):169-75

Oxygenated fluorocarbon nutrient solution in the treatment of experimental spinal cord injury. Osterholm JL, et al. **Neurosurgery** 1984 Sep;15(3):373-80

Use of a whole blood substitute, Fluosol-DA 20%, after massive postpartum hemorrhage. Karn KE, et al. **Obstet Gynecol** 1985 Jan;65(1):127-30

Perfluorocarbon gases in vitreous surgery. Chang S, et al. **Ophthalmology** 1985 May;92(5):651-6

Normothermic whole body rinse-out utilizing perfluorochemical(PFC)-containing artificial blood. Agishi T, et al. **Trans Am Soc Artif Intern Organs** 1984;30:295-7

[Pulsating perfusion during carbon fluoride oxygenation of blood] Ioseliani GD, et al. **Anesteziol Reanimatol** 1984 Jul-Aug;(4):27-30 (Eng. Abstr.) **(Rus)**

[Hematopoiesis in the dog in experiments with acute blood loss replaced by a PFC emulsion combined with polyglucin] Fedorov NA, et al. **Patol Fiziol Eksp Ter** 1984 Sep-Oct;(5):3-7 (Eng. Abstr.) **(Rus)**

TOXICITY

Some long-term effects of exchange transfusion with fluorocarbon emulsions in macaque monkeys. Rosenblum WI, et al. **Arch Pathol Lab Med** 1985 Apr;109(4):340-4

Fluosol-DA causes pulmonary hypertension and increased lung lymph flow in unanesthetized sheep. O'Brodovich H, et al. **Clin Invest Med** 1985;8(1):15-21

Perfluoroctylbromide. Acute hemodynamic effects, in pigs, of intravenous administration compared with the standard ionic contrast media. Peck WW, et al. **Invest Radiol** 1984 Mar-Apr;19(2):129-32

Thyroid, bradycardic and hypothermic effects of perfluoro-n-decanoic acid in rats. Langley AE, et al. **J Toxicol Environ Health** 1985;15(3-4):485-91

Improper interpretation of data concerning teratogenicity: a case report. Staples RE. **Prog Clin Biol Res** 1985; 163C:161-3

Perfluoroether liquid as a long-term vitreous substitute. An experimental study. Miyamoto K, et al. **Retina** 1984 Fall-Winter;4(4):264-8

Changes in human cultured cells exposed to a perfluorocarbon emulsion. Wake EJ, et al. **Transfusion** 1985 Jan-Feb;25(1):73-7

[Embryotoxicity and teratogenicity of fluorocarbon emulsion in rats] Zhong BZ, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Sep;5(3):195-8 (Eng. Abstr.) **(Chi)**

[Use of the human lymphoid Raji-line cell culture in tests of the toxicity of perfluorocarbon emulsions and their separate components] Arkhipov VV, et al. **Farmakol Toksikol** 1984 Sep-Oct;47(5):117-20 (Eng. Abstr.) **(Rus)**

FLUOROCHROMES see **FLUORESCENT DYES**

9-FLUOROCORTISOL see **FLUDROCORTISONE**

FLUORODEOXYURIDINE

ADMINISTRATION & DOSAGE

Sclerosing cholangitis after continuous hepatic artery infusion of FUDR. Kemeny MM, et al. **Ann Surg** 1985 Aug; 202(2):176-81

Assessment of treatment of intrahepatic malignancies using chemotherapy via an implantable pump. Schwartz SI, et al. **Ann Surg** 1985 May;201(5):560-7

Regional isolation-perfusion: an experimental percutaneous approach tested and compared with arterial occlusion-infusion. Wright KC, et al. **Cardiovasc Intervent Radiol** 1984;7(6):294-8

Avoidance of gastroduodenal toxicity in patients receiving hepatic arterial 5-fluoro-2'-deoxyuridine. Hohn DC, et al. **J Clin Oncol** 1985 Sep;3(9):1257-60

[Intra-arterial chemotherapy for the treatment of liver metastases using an implantable pump (editorial)] Yablonski-Peretz Y, et al. **Harefuah** 1984 Aug; 107(3-4):101-2 **(Heb)**

[Experimental results of survivals with different dose schedule of 5-FU and 5'-DFUR] Yano T, et al. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1345-7 **(Jpn)**

ADVERSE EFFECTS

Gastroduodenal ulcerations in patients receiving selective hepatic artery infusion chemotherapy. Wells JJ, et al. **Am J Gastroenterol** 1985 Jun;80(6):425-9

Biliary sclerosis in patients receiving hepatic arterial infusions of floxuridine. Hohn D, et al. **J Clin Oncol** 1985 Jan; 3(1):98-102

Hepatobiliary scintigraphy in patients receiving hepatic artery infusion chemotherapy. Housholder DF, et al. **J Nucl Med** 1985 May;26(5):474-7

Cholangitis complicating intraarterial chemotherapy in liver metastasis. Botet JF, et al. **Radiology** 1985 Aug;156(2):335-7

Iatrogenic sclerosing cholangitis following hepatic arterial chemotherapy infusion. Pien EH, et al. **Radiology** 1985 Aug;156(2):329-30

ANALOGS & DERIVATIVES

5'-O-Palmitoyl- and 3',5'-O-dipalmitoyl-5-fluoro-2'-deoxyuridine--novel lipophilic analogues of 5'-fluoro-2'-deoxyuridine: synthesis, incorporation into liposomes and preliminary biological results. Schwendener RA, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):660-6

[Clinical phase II study of TK-117 by Cooperative Study Group. Effects on gastric cancer] Suzuki H. **Gan To Kagaku Ryoho** 1985 May;12(5):1119-24 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Gas-liquid chromatographic analysis of fluoropyrimidine nucleosides and fluorouracil in plasma and urine. Williams WM, et al. **Anal Biochem** 1985 Jun;147(2):478-86

BLOOD

[Measurement of 5'-deoxy-5-fluorouridine (5'-DFUR) by high-performance liquid chromatography and studies on pharmacokinetics of 5'-DFUR and 5-fluorouracil by oral and intravenous administration] Hara Y, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2261-6 (Eng. Abstr.) **(Jpn)**

CHEMICAL SYNTHESIS

Syntheses of 18F-labeled pyrimidines and their usefulness for tumor imaging. Ishiwata K, et al. **Nucleic Acids Symp Ser** 1984;(15):25-8

DIAGNOSTIC USE

[Cancer detection with 18F-5-fluorodeoxyuridine--a new cancer diagnostic agent reflecting nucleic acid metabolism] Abe Y, et al. **Kaku Igaku** 1985 May;22(5):583-6 (Eng. Abstr.) **(Jpn)**

METABOLISM

A method for the determination of total, free, and 5-fluorodeoxyuridylate-bound thymidylate synthase in cell extracts. Fernandes DJ, et al. **Anal Biochem** 1984 Nov 1; 142(2):378-85

Activity of esterase in the hydrolysis of 3',5'-diesters of 5-fluoro-2'-deoxyuridine in relation to the structure of the diester prodrugs. Kawaguchi T, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):301-7

The degradation of 5'-deoxy-5-fluorouridine by pyrimidine nucleoside phosphorylase in normal and cancer tissues. Choong YS, et al. **Clin Chim Acta** 1985 Jul 15; 149(2-3):175-83

Identification of 5-deoxy-D-ribitol as a major metabolite of 5'-deoxy-5-fluorouridine in rats. Ichihara S, et al. **Drug Metab Dispos** 1985 Jul-Aug;13(4):520-1

Release of fluoride ion from 5'-deoxy-5-fluorouridine, an antineoplastic fluoropyrimidine, in humans. Martino R, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):116-8

Increased incorporation of 5-fluorodeoxyuridine into DNA of human T-lymphoblastic cell lines. Tanaka M, et al. **Gann** 1984 Nov;75(11):986-92

PHARMACODYNAMICS

Agents which decrease intracellular thymidine pools cause an augmentation in human natural killer activity in vitro. Matheson DS, et al. **Basic Life Sci** 1985;31:461-4

Role of intracellular dTTP levels in fluorodeoxyuridine toxicity. Cohen A, et al. **Biochem Pharmacol** 1984 Oct 15; 33(20):3298-301

Resistance of CCRF-CEM cloned sublines to 5-fluorodeoxyuridine associated with enhanced phosphatase activities. Fernandes DJ, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):125-32

Changes in histone H1 content and chromatin structure of cells blocked in early S phase by 5-fluorodeoxyuridine and aphidicolin. D'Anna JA, et al. **Biochemistry** 1984 Oct 9; 23(21):5024-9

Defective facilitated diffusion of nucleosides, a primary mechanism of resistance to 5-fluoro-2'-deoxyuridine in the HCT-8 human carcinoma line. Sobrero AF, et al. **Cancer Res** 1985 Jul;45(7):3155-60

Highly selective drug combinations for human colon cancer cells resistant in vitro to 5-fluoro-2'-deoxyuridine. Sobrero AF, et al. **Cancer Res** 1985 Jul;45(7):3161-3

Modulation of fluoropyrimidine cytotoxicity by methotrexate or 5-methyltetrahydrofolate in human leukemia cells in vitro. Mini E, et al. **Chemioterapia** 1984 Dec;3(6):343-9

Thymidylate synthase gene amplification in fluorodeoxyuridine-resistant mouse cell lines. Jenh CH, et al. **Mol Pharmacol** 1985 Jul;28(1):80-5

Fluorodeoxyuridine-induced sex differences in baseline sister-chromatid exchanges in C57BL/6 mice and Chinese hamsters. Nayak BN. **Mutat Res** 1985 May-Jun; 143(1-2):45-9

[DNA replication in mammalian cells after exposure to factors of a physical, chemical or biological nature. III. 5-Fluorodeoxyuridine induces DNA synthesis in cells not suppressed by gamma irradiation] Synzynys BI, et al. **Tsitologiia** 1985 Feb;27(2):236-40 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Doxifluridine (5'-dFUrd) in patients with advanced colorectal carcinoma. A phase II study. Fosså SD, et al. **Cancer Chemother Pharmacol** 1985;15(2):161-3

Antitumor activity of a new fluoropyrimidine derivative, 5'-deoxy-5-fluorouridine, against murine and human experimental tumors. Fujimoto S, et al. **Jpn J Cancer Res** 1985 Jul;76(7):644-50

Phase II study of oral administration of 5'-deoxy-5-fluorouridine (5'-DFUR) for solid tumors. Shimizu E, et al. **Jpn J Clin Oncol** 1984 Dec;14(4):679-83

[Clinical effect of 5'-deoxy-5-fluorouridine (5'-DFUR)] Nakano Y, et al. **Gan No Rinsho** 1985 May;31(6 Suppl):746-50 (Eng. Abstr.) **(Jpn)**

[5'-Deoxy-5-fluorouridine enzymatic activation from the masked compound to 5-fluorouracil in human malignant tissues] Hara Y. **Gan To Kagaku Ryoho** 1984 Oct; 11(10):2133-43 (Eng. Abstr.) **(Jpn)**

TOXICITY

Regulation of thymidylate synthase enzyme synthesis in 5-fluorodeoxyuridine-resistant mouse fibroblasts during the transition from the resting to growing state. Jenh CH, et al. **J Cell Physiol** 1985 Jan;122(1):149-54

Induction of sister-chromatid exchanges (SCEs) by 5-fluorodeoxyuridine. The role of 5-bromodeoxyuridine incorporated into parental DNA. Escalza P, et al. **Mutat Res** 1985 Aug;151(1):77-82

FLUORODEOXYURIDYLATE see under **DEOXYURACIL NUCLEOTIDES**

FLUORODEXAMETHASONE see **FLUMETHASONE**

FLUOROMETRY

The fluorimetric determination of the lecithin/sphingomyelin ratio of amniotic fluid after HPLC. Gebhardt DO, et al. **Ann Clin Biochem** 1985 May;22 (Pt 3):321-3

Clinical assessment of flap perfusion by fiberoptic fluorometry. Weisman RA, et al. **Ann Otol Rhinol Laryngol** 1985 May-Jun;94(3):226-31

Evidence that the variable fluorescence in Chlorella is recombination luminescence. Mauzerall DC. **Biochim Biophys Acta** 1985 Aug 28;809(1):11-6

A method for deciding whether two experimental fluorescence anisotropy decay curves are significantly different. Genest D, et al. **Biochimie** 1984 Sep-Oct; 66(9-10):631-8

Attempt at use of the fluorometric neuraminidase assay system for the enzyme antibody inhibition test. Kiyotani K, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):825-7

Prognostication of myocutaneous flap viability using laser Doppler velocimetry and fluorescein microfluorometry. Cummings CW, et al. **Otolaryngol Head Neck Surg** 1984 Oct;92(5):559-63

Fluorometry of poultry semen: its application in the determination of viability, enzyme leakage, and fertility. Bilgili SF, et al. **Poult Sci** 1985 Jun;64(6):1227-30

Serial fluorometric documentation of fluorescein dye delivery. Silverman DG, et al. **Surgery** 1985 Feb; 97(2):185-93

INSTRUMENTATION

Compact CO2 gas analyzer with favourable signal-to-noise ratio and resolution using special fluorescence sensors (optodes) illuminated by blue LED's. Opitz N, et al. **Adv Exp Med Biol** 1984;180:757-62

Evaluation of retinal capillary permeability [letter] Tom WW, et al. **Arch Surg** 1985 Jun;120(6):754

A nanosecond fluorometer for studies of rheological aspects of biomembranes. Koyama T, et al. **Biorheology** 1984;Suppl 1:323-9

Enzymic measurement of primary bile acids and the primary bile acid ratio in serum with the IL-Multistat III Fluorescence Light-Scattering Centrifugal Analyzer. Papanastasiou-Diamandi A, et al. **Clin Biochem** 1984 Aug; 17(4):242-8

The hematofluorometer: a rapid assay for bilirubin and bilirubin binding. Spear ML, et al. **Med Instrum** 1985 Mar-Apr;19(2):88-92

Fluorometer for endoscopic diagnosis of tumors. Profio AE, et al. **Med Phys** 1984 Jul-Aug;11(4):516-20

[The application of the automated fluorometric system to the measurement of lymphocyte transformation with ethidium bromide] Wakabayashi A, et al. **Rinsho Byori** 1985 Mar;33(3):303-7 **(Jpn)**

[Modification of the EF-3M fluorometer for the determination of catecholamines and DOPA] Shenaeva TA, et al. **Lab Delo** 1984;(11):692-3 (Eng. Abstr.) **(Rus)**

METHODS

Pathophysiology of the blood-retinal barrier in experimental diabetes. Vitreous fluorophotometry using carboxyfluorescein and fluorescein. Blair NP, et al. **Arch Ophthalmol** 1984 Dec;102(12):1810-4

Preparation of analogues of NAD+ as substrates for a sensitive fluorimetric assay of nucleotide pyrophosphatase. Muller CD, et al. **Biochem J** 1984 Nov 1;223(3):715-21

Auramine O as a fluorescent probe for the binding of basic drugs to human alpha 1-acid glycoprotein (alpha 1-AG). The development of a simple fluorometric method for the determination of alpha 1-AG in human serum. Sugiyama Y, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):821-9

An improved fluorometric assay of rat serum and plasma converting enzyme. Santos RA, et al. **Hypertension** 1985 Mar-Apr;7(2):244-52

Fluorometric determination of DNA in cartilage of various species. Oegema TR Jr, et al. **J Orthop Res** 1984; 1(4):345-51

Fluorometric prediction of successful amputation level in the ischemic limb. Silverman DG, et al. **J Rehabil Res Dev** 1985 Jan;22(1):23-8

Digital cutaneous fluorometry: correlation between blood flow and fluorescence. Bongard FS, et al. **J Vasc Surg** 1984 Sep;1(5):635-41

In situ monitoring of myocardial metabolism by laser fluorimetry: relevance of a test of local ischemia. Renault G, et al. **Lasers Surg Med** 1985;5(2):111-22

Fluorometric determination of avian sperm viability and concentration. Bilgili SF, et al. **Poult Sci** 1984 Nov; 63(11):2275-7

Sequential vitreous fluorophotometry in diabetes mellitus: a five-year prospective study. Waltman SR. **Trans Am Ophthalmol Soc** 1984;82:827-49

A new fluorimetric assay for streptothricins. Hesse G, et al. **Z Allg Mikrobiol** 1984;24(10):709-11

[In situ evaluation of tissue metabolism by laser fluorimetry] Renault G, et al. **Presse Med** 1984 Nov 3;13(39):2381-5 (Eng. Abstr.) **(Fre)**

[Vitreous fluorophotometry in experimental pigment epitheliopathy] Hanyuda T, et al. **Nippon Ganka Gakkai Zasshi** 1985 Mar;89(3):503-11 (Eng. Abstr.) **(Jpn)**

[Fluorescein ERG and vitreous fluorophotometry] Tamai M, et al. **Nippon Ganka Gakkai Zasshi** 1984 Aug;88(8):1124-7 (Eng. Abstr.) **(Jpn)**

[Studies of the kinetic vitreous fluorophotometry. (2) Adult-onset diabetes mellitus] Tsukahara Y, et al. **Nippon Ganka Gakkai Zasshi** 1984 Aug;88(8):1118-23 (Eng. Abstr.) **(Jpn)**

[Comparison of colorimetric, fluorometric and spectrophotometric methods for measuring antithrombin III using synthetic substrates] Uete T. **Rinsho Byori** 1984 Nov;32(11):1258-62 **(Jpn)**

P-FLUOROPHENYLALANINE see under **PHENYLALANINE**

FLUOROSCOPY

Fluoroscopic and arthrographic evaluation of carpal instability. Braunstein EM, et al. **AJR** 1985 Jun; 144(6):1259-62

Fibrinolytic therapy of St. Jude valve thrombosis under guidance of digital cinefluoroscopy. Czer LS, et al. **J Am Coll Cardiol** 1985 May;5(5):1244-9

Steerable catheter fluoroscopy in total esophageal obstruction. Franic S, et al. **J Can Assoc Radiol** 1984 Dec; 35(4):399-400

Radiation exposure to patient and urologist during percutaneous nephrostolithotomy. Bush WH, et al. **J Urol** 1984 Dec;132(6):1148-52

Radiation exposure during fluoroscopically controlled percutaneous lithotripsy. Kelsey CA, et al. **J Urol** 1984 Dec;132(6):1254-5

A new universal radiolucent handle. Cardella JF, et al. **Radiology** 1985 May;155(2):531

Tenckhoff peritoneal dialysis catheters: the use of fluoroscopy in management. Degesys GE, et al. **Radiology** 1985 Mar;154(3):819-20

Videofluorography and pulsed fluoroscopy using a 512 X 512-pixel digital image system. Hynes DM, et al. **Radiology** 1985 May;155(2):519-23

Joint fluoroscopy before arthrography: detection and evaluation of loose bodies. Hudson TM. **Skeletal Radiol** 1984;12(3):199-203

Chest fluoroscopy: an underused technique for evaluating apparent pulmonary opacities. Eisenberg RL, et al. **South Med J** 1984 Nov;77(11):1446-8

Controlled endoscopic retrieval of ectopic ureteral catheters using fluoroscopic guidance. Hezmall HP, et al. **Urology** 1985 Jun;25(6):613-5

[Value of thoracic fluoroscopy] Stender HS. **Prax Klin Pneumol** 1984 Oct;38(10):427-8 **(Ger)**

[Association between the positivity of the Guerreiro Machado reaction and the abreugraphic result of cardiomegaly] Passos AD. **Rev Bras Malariol Doencas Trop** 1983;35:33-6 (Eng. Abstr.) **(Por)**

[Evaluation of 100 radiographs in a medical department of a plant in Greater São Paulo] Teixeira WR, et al. **Rev Paul Med** 1985 Jan-Feb;103(1):41-3 (Eng. Abstr.) **(Por)**

[Medical radiophotography in the detection of pulmonary tuberculosis. The experience of the Timisoara Radiophotography Service] Cioflec D, et al. **Rev Ig [Pneumoftiziol]** 1984 Jul-Sep;33(3):217-23 (Eng. Abstr.) **(Rum)**

[Combined fluorographic and electro-x-ray studies in the detection of chronic nonspecific lung diseases in outpatients] Sorokin IuK, et al. **Klin Med (Mosk)** 1984 Jul; 62(7):117-21 (Eng. Abstr.) **(Rus)**

[Complex roentgenofluorographic examination of the thoracic organs in conducting outpatient screening] Portnoi LM, et al. **Vestn Rentgenol Radiol** 1985 Jan-Feb;(1):8-16 (Eng. Abstr.) **(Rus)**

[Optimal periodicity of fluorographic examinations for detecting lung cancer] Vagner RI, et al. **Vestn Rentgenol Radiol** 1985 Jan-Feb;(1):16-8 (Eng. Abstr.) **(Rus)**

[Role of specialized fluorographic centers in diagnosing cancer and chronic diseases of the stomach] Portnoi LM, et al. **Vopr Onkol** 1984;30(10):74-80 (Eng. Abstr.) **(Rus)**

INSTRUMENTATION

The lixiscope. Use in examination and surgery. George FW. **Clin Podiatry** 1985 Jul;2(3):511-8

Exposure from a fluoroscope without the deadman exposure switch depressed. Larsen R, et al. **Health Phys** 1985 Feb; 48(2):221-3

[Cervical Amipaque myelography with lateral C1/C2 puncture with a conventional fluoroscopy device] Kittel J, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Jun; 36(6):347-9 (Eng. Abstr.) **(Ger)**

[Use of CCD-sensors in a roentgen fluoroscopic system] Beuthan J, et al. **Radiol Diagn (Berl)** 1984;25(6):799-803 (Eng. Abstr.) **(Ger)**

[An experimental study of stereofluoroscopy using the lenticular sheet] Nishiyama S, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jun 25; 44(6):761-72 (Eng. Abstr.) **(Jpn)**

[Experience in the use of gastrofluorography in the Byelorussian SSR] Golub GD, et al. **Vopr Onkol** 1985; 31(4):79-84 (Eng. Abstr.) **(Rus)**

METHODS

Comparison of stress digital ventriculography, stress thallium scintigraphy, and digital fluoroscopy in the diagnosis of coronary artery disease in subjects without prior myocardial infarction. Detrano R, et al. **Am J Cardiol** 1985 Sep 1;56(7):434-40

Digital subtraction fluoroscopy: a new method of detecting coronary calcifications with improved sensitivity for the prediction of coronary disease. Detrano R, et al. **Circulation** 1985 Apr;71(4):725-32

Measurement of aqueous humor flow with scanning ocular fluorophotometers. Topper JE, et al. **Curr Eye Res** 1984 Dec;3(12):1391-5

Quantitative digital fluorography. Computer vs. human estimation of vascular stenoses. Jaques P, et al. **Invest Radiol** 1985 Jan-Feb;20(1):45-52

Uses of fluorophotometry in glaucoma research. Brubaker RF, et al. **Ophthalmology** 1985 Jul;92(7):884-90

Detailed per-oral small bowel examination vs. enteroclysis. Part I: Expenditures and radiation exposure. Ott DJ, et al. **Radiology** 1985 Apr;155(1):29-31

Detailed per-oral small bowel examination vs. enteroclysis. Part II: Radiographic accuracy. Ott DJ, et al. **Radiology** 1985 Apr;155(1):31-4

[Meanderings of radiophotography] Moskwa Z. **Wiad Lek** 1984 Nov 15;37(22):1825-8 **(Pol)**

[Fluorescent roentgenoradiometric determination of arsenic in the air and other objects in the environment] Dmitriev MT, et al. **Gig Sanit** 1985 Apr;(4):63-4 **(Rus)**

[Automated system of processing fluorographic data] Aksel'rod GB, et al. **Sov Med** 1984;(9):69-72 **(Rus)**

[Use of fluorohysterography in gynecology] Alimbekova OA, et al. **Vestn Rentgenol Radiol** 1985 Jan-Feb;(1):85-6 **(Rus)**

[Improvement of large-frame fluorography for diagnosing heart diseases in polyclinic conditions] Vishniakova MV, et al. **Vestn Rentgenol Radiol** 1985 Jan-Feb;(1):18-24 (Eng. Abstr.) **(Rus)**

PSYCHOLOGY

[A psychosomatic approach to patients with so-called unidentified gastrointestinal syndrome in fluoroscopic examination of the gastrointestinal tract] Ishihara K. **Nippon Ika Daigaku Zasshi** 1984 Oct;51(5):615-24 (Eng. Abstr.) **(Jpn)**

STANDARDS

[Experience with quality control in fluoroscopic installations] Schmidt T, et al. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:156-62 **(Ger)**

[Improvement of image quality in digital fluorography by geometrical magnification] Ikeda M, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jun 25; 44(6):836-43 (Eng. Abstr.) **(Jpn)**

[Relation between the course and efficacy of treating tuberculosis and the quality of the preceding fluorographic examination] Rybkina TA, et al. **Probl Tuberk** 1984 Nov; (11):8-10 (Eng. Abstr.) **(Rus)**

VETERINARY

[Radiography or fluoroscopy. Considerations beyond radiation protection] Hartung K. **Tierarztl Prax** 1984; 12(3):281-8 (Eng. Abstr.) **(Ger)**

FLUOROSIS, ENDEMIC DENTAL see **MOTTLED ENAMEL**

FLUOROURACIL

ADMINISTRATION & DOSAGE

Hepatic resection of colorectal metastases. Influence of clinical factors and adjuvant intraperitoneal 5-fluorouracil via Tenckhoff catheter on survival. August DA, et al. **Ann Surg** 1985 Feb;201(2):210-8

Isolation-perfusion of the liver with 5-fluorouracil. Sindelar WF. **Ann Surg** 1985 Mar;201(3):337-43

Fluorouracil paste treatment of thin basal cell carcinomas. Epstein E. **Arch Dermatol** 1985 Feb;121(2):207-13

Olfactory neuroblastoma. Chemotherapy and radiotherapy for extensive disease. Weiden PL, et al. **Arch Otolaryngol** 1984 Nov;110(11):759-60

Topical 5-fluorouracil in the treatment of vaginal intraepithelial neoplasia. Kirwan P, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):287-91

Experience with continuous regional chemotherapy and hepatic resection as treatment of hepatic metastases from colorectal primaries. A prospective randomized study. Kemeny MM, et al. **Cancer** 1985 Mar 15;55(6):1265-70

Hepatic artery infusion of 5-fluorouracil and mitomycin C in cholangiocarcinoma and gallbladder carcinoma. Smith GW, et al. **Cancer** 1984 Oct 15;54(8):1513-6

A combination of 5-fluorouracil and thymidine in advanced colorectal carcinoma. Sternberg A, et al. **Cancer Chemother Pharmacol** 1984;13(3):218-22

Sequential methotrexate and 5-FU in breast cancer resistant to the conventional application of these drugs. Herrmann R, et al. **Cancer Treat Rep** 1984 Oct;68(10):1279-81

Evaluation of a sequential 5-FU and hydroxyurea combination in advanced bowel cancer. Kao AK, et al. **Cancer Treat Rep** 1984 Nov;68(11):1383-5

Phase I evaluation and pharmacokinetic study of weekly iv thymidine and 5-FU in patients with advanced colorectal carcinoma. Lynch G, et al. **Cancer Treat Rep** 1985 Feb; 69(2):179-84

5-FU infusion in advanced colorectal cancer: a comparison of three dose schedules. Shah A, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):739-42

Treatment of advanced breast cancer with 5-fluorouracil and high-dose folinic acid: preliminary results. Marini G, et al. **Chemioterapia** 1985 Apr;4(2):135-8

Phase I and pharmacologic study of 72-hour infused 5-fluorouracil and hyperfractionated cyclical radiation. Byfield JE, et al. **Int J Radiat Oncol Biol Phys** 1985 Apr; 11(4):791-800

Comparison of 5-fluorouracil with ftorafur in adjuvant chemotherapies with combined inductive and maintenance therapies for gastric cancer. Nakajima T, et al. **J Clin Oncol** 1984 Dec;2(12):1366-71

Effect of implanted ethylene-vinyl alcohol copolymer matrices containing 5-fluorouracil on Ehrlich ascites carcinoma. Miyazaki S, et al. **J Pharm Pharmacol** 1985 Jan; 37(1):64-6

Chemotherapy trials in malignant pheochromocytoma: report of two patients and review of the literature. Bukowski RM, et al. **J Surg Oncol** 1984 Oct;27(2):89-92

Histopathologic effect of preoperative chemotherapy using 5-Fu fat emulsion in gastric cancer. Wu YF, et al. **J Surg Oncol** 1985 May;29(1):50-3

Adjuvant chemotherapy of gastric carcinoma: a pilot study of oral administration of injectable 5-fluorouracil. Wu YF. **J Surg Oncol** 1985 Mar;28(3):225-9

A comparison of three chemotherapeutic regimens in the treatment of advanced pancreatic and gastric carcinoma. Fluorouracil vs fluorouracil and doxorubicin vs fluorouracil, doxorubicin, and mitomycin. Cullinan SA, et al. **JAMA** 1985 Apr 12;253(14):2061-7

Allopurinol and bolus fluorouracil [letter] Garewal H, et al. **N Engl J Med** 1985 Feb 28;312(9):587

Prospective, randomized trial of intravenous versus intraperitoneal 5-fluorouracil in patients with advanced primary colon or rectal cancer. Sugarbaker PH, et al. **Surgery** 1985 Sep;98(3):414-22

[Morphologic, ultrastructural and histochemical changes in rectal cancer after intrarectal fluorouracil therapy] Zhou XG. **Chung Hua I Hsueh Tsa Chih** 1984 Sep;64(9):562-4 **(Chi)**

[Ovarian carcinoma: surgery and polychemotherapy with cisplatin. Considerations on a clinical case] Moresco L, et al. **Chir Ital** 1983 Feb;35(1):71-6 (Eng. Abstr.) **(Ita)**

[Therapeutic effect of sequential doses of methotrexate (MTX) and 5-fluorouracil (5-FU) in advanced gastric cancer: comparison of intermediate-dose MTX with high-dose MTX] Akazawa S, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):91-8 (Eng. Abstr.) **(Jpn)**

[Fluorinated pyrimidines—administration methods] Furue H. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2329-34 (Eng. Abstr.) **(Jpn)**

[Continuous venous infusion in cancer chemotherapy] Ota K. **Gan To Kagaku Ryoho** 1985 Apr;12(4):798-805 (Eng. Abstr.) **(Jpn)**

[Experimental results of survivals with different dose schedule of 5-FU and 5'-DFUR] Yano T, et al. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1345-7 **(Jpn)**

[Effectiveness of 5-fluorouracil combined with hormones in low dose as a basal treatment for prostatic carcinoma] Takeuchi H. **Hinyokika Kiyo** 1984 Nov;30(11):1703-9 (Eng. Abstr.) **(Jpn)**

[Use of electrocumulation of 5-fluorouracil in treating acute experimental pancreatitis] Mironov VI, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):147-9 (Eng. Abstr.) **(Rus)**

[Reduction of 5-fluorouracil toxicity with allopurinol] Garin AM, et al. **Vestn Akad Med Nauk SSSR** 1985;(3):77-9 (Eng. Abstr.) **(Rus)**

[Treatment of advanced stomach carcinoma with adriamycin and 5-fluorouracil] Pérez JE, et al. **Acta Gastroenterol Latinoam** 1984;14(1):63-72 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Erosive gastroduodenitis with marked epithelial atypia after hepatic arterial infusion chemotherapy. Jewell LD, et al. **Am J Gastroenterol** 1985 Jun;80(6):421-4

Fluorouracil and the palmar-plantar erythrodysesthesia syndrome [letter] Atkins JN. **Ann Intern Med** 1985 Mar;102(3):419

Pustular contact hypersensitivity to fluorouracil with rosacealike sequelae. Sevadjian CM. **Arch Dermatol** 1985 Feb;121(2):240-2

Melanonychia induced by topical 5-fluorouracil. Baran R, et al. **Br J Dermatol** 1985 May;112(5):621-5

Surgical treatment of punctal-canalicular fibrosis from 5-fluorouracil therapy. Seiff SR, et al. **Cancer** 1985 Oct 15;56(8):2148-9

Studies on the regulation of hemopoiesis. Quesenberry P, et al. **Exp Hematol** 1985;13 Suppl 16:43-8

Herpes simplex complicating topical 5-fluorouracil therapy [letter] Braunstein BL. **J Am Acad Dermatol** 1985 Jun;12(6):1109-10

Familial pyrimidinemia and pyrimidinuria associated with severe fluorouracil toxicity. Tuchman M, et al. **N Engl J Med** 1985 Jul 25;313(4):245-9

Cardiotoxicity as a result of 5-fluorouracil therapy. Leone B, et al. **Tumori** 1985 Feb 28;71(1):55-7

[Does 5-fluorouracil cardiotoxicity exist? Presentation of 2 cases with acute manifestations and clinico-instrumental study of 12 cases in chronic treatment with 5-fluorouracil] Pinelli G, et al. **Minerva Cardioangiol** 1984 Sep;32(9):627-30 (Eng. Abstr.) **(Ita)**

ANALOGS & DERIVATIVES

Ftorafur therapy in acute pancreatitis. Hudvágner S, et al. **Acta Physiol Hung** 1984;64(3-4):485-8

Effects of a fluorinated pyrimidinedione anti-cancer drug, 5-fluoro-1-(tetrahydro-2-furanyl)-2,4-pyrimidinedione (FT), and related compounds on nigro-striatal dopaminergic neurons in the central nervous system. Toide K, et al. **Arch Int Pharmacodyn Ther** 1985 Mar;274(1):111-24

Levamisole in postoperative adjuvant immunochemotherapy for gastric cancer. A randomized controlled study of the MMC + Tegafur regimen with or without levamisole. Report I. Niimoto M, et al. **Cancer Immunol Immunother** 1984;18(1):13-8

Dihydrofluorouracil, a fluorouracil catabolite with antitumor activity in murine and human cells. Diasio RB, et al. **Cancer Res** 1985 Oct;45(10):4900-3

Modulation of 5-fluorouracil catabolism in isolated rat hepatocytes with enhancement of 5-fluorouracil glucuronide formation. Sommadossi JP, et al. **Cancer Res** 1985 Jan;45(1):116-21

Relevance of the pharmacology of oral tegafur to its use as a 5-FU pro-drug. Byfield JE, et al. **Cancer Treat Rep** 1985 Jun;69(6):645-52

Drug interactions in biotransformation of 1-phthalidyl 5-fluorouracil to 5-fluorouracil in rat liver. Hirata M, et al. **Chem Biol Interact** 1984 Dec;52(2):141-50

Phase I and pharmacologic study of oral ftorafur and X ray therapy in advanced gastrointestinal cancer. Byfield JE, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):597-602

Enhanced accumulation of 5-fluorouracil in human tumors in athymic mice by co-administration of Ftorafur and uracil. Tang SG, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1687-9

Fluorescence determination of 5-fluorouracil and 1-(tetrahydro-2-furanyl)-5-fluorouracil in blood serum by high-performance liquid chromatography. Iwamoto M, et al. **J Chromatogr** 1984 Sep 14;310(1):151-7

Comparison of 5-fluorouracil with ftorafur in adjuvant chemotherapies with combined inductive and maintenance therapies for gastric cancer. Nakajima T, et al. **J Clin Oncol** 1984 Dec;2(12):1366-71

Synthesis and antitumor activity of a series of ftorafur analogues: the effect of varying electronegativity at the 1'-position. Holshouser MH, et al. **J Med Chem** 1985 Feb;28(2):242-5

A novel peptide delivery system involving peptidase activated prodrugs as antimicrobial agents. Synthesis and biological activity of peptidyl derivatives of 5-fluorouracil. Kingsbury WD, et al. **J Med Chem** 1984 Nov;27(11):1447-51

Anti-tumor activity of 1-acetyl-3-o-toluyl-5-fluorouracil against murine hepatoma MH134 and its effects on tissue weights following subcutaneous and oral administration. Yata N, et al. **J Pharmacobiodyn** 1985 Apr;8(4):264-9

Cytochrome P-450-dependent oxidative cleavage of 1-(tetrahydro-2-furanyl)-5-fluorouracil to 5-fluorouracil. Kawata S, et al. **Jpn J Pharmacol** 1984 Sep;36(1):43-9

Enhancement of lymphatic transport of N1-(2-tetrahydrofuryl)-5-fluorouracil (FT-207) by water-in-oil emulsion in postoperative adjuvant chemotherapy for gastric cancer. Hanaue H, et al. **Keio J Med** 1984 Nov;33(4):167-75

Photosensitivity from oral administration of a fluorouracil derivative (FT 207). Sun CC, et al. **Photodermatol** 1984 Apr;1(2):94-5

[10 years' use of ftorafur in tumor chemotherapy at the Robert Rössle Institute. A retrospective analysis from the clinical-toxologic point of view] Tanneberger S, et al. **Arch Geschwulstforsch** 1984;54(4):285-99 (Eng. Abstr.) **(Ger)**

[590-S] Furue H. **Gan No Rinsho** 1985 May;31(6 Suppl):739-45 (Eng. Abstr.) **(Jpn)**

[A case of advanced gastric cancer showing complete cure by immunochemotherapy with FT-207 and OK-432 confirmed by thorough histologic examination of total gastrectomy matter] Futatsuki K, et al. **Gan No Rinsho** 1985 Jun;31(7):870-6 (Eng. Abstr.) **(Jpn)**

[Adjuvant chemotherapy after surgery in advanced gastric cancer] Hirose S, et al. **Gan No Rinsho** 1984 Nov;30(14):1767-72 (Eng. Abstr.) **(Jpn)**

[A clinical study of radiotherapy with HCFU for advanced and recurrent breast cancers. Radiation and HCFU Study Group for breast cancer] Okawa T, et al. **Gan No Rinsho** 1985 Feb;31(2):131-6 (Eng. Abstr.) **(Jpn)**

[Role of oral administration of 1-hexyl-carbamoyl-5-fluorouracil (HCFU) for multimodal treatment of inoperable cirrhotics with hepatocellular carcinoma] Akiharu W, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2506-12 (Eng. Abstr.) **(Jpn)**

[Clinical study on the permeability of FT-207 and 5-FU in primary lung cancer] Aogauchi R, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):105-10 (Eng. Abstr.) **(Jpn)**

[Comparative pharmacokinetic study between UFT and FT-207 suppo and phase II studies in gynecological malignancies] Hatae M, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2386-92 (Eng. Abstr.) **(Jpn)**

[Maximum tolerated dose of tegafur in rats] Hirayama R, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2148-54 (Eng. Abstr.) **(Jpn)**

[A case of complete regression of gastric carcinoma and liver metastases by treatment with tegafur] Hirose S, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):957-9 (Eng. Abstr.) **(Jpn)**

[A cooperative study of alternating immunochemotherapy with futraful and PSK (second report)--3-year survival rate] Ichihashi H, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):331-6 (Eng. Abstr.) **(Jpn)**

[Evaluation of tegafur encapsulated with slow-releasing granules (SF-SP) for patients with cancer of the digestive organs] Kameda C, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2526-30 (Eng. Abstr.) **(Jpn)**

[Preliminary report of adjuvant chemo-endocrine therapy for breast cancer] Kitamura M, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):111-7 (Eng. Abstr.) **(Jpn)**

[5-FU concentration in the tissues (tumor and lymph node) of breast cancer patients given preoperative administration of UFT and FT] Koida T, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1147-51 (Eng. Abstr.) **(Jpn)**

[Comparison of the concentration of HCFU, tegafur and 5-FU in the thoracic duct lymph after oral administration of HCFU and tegafur] Matsumoto S, et al. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1697-8 **(Jpn)**

[Thermotherapy for cancer of the urinary bladder in combination with tegafur suppository and picibanil--concentrations of tegafur in the serum and tissues in bladder carcinoma] Murahashi I, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1152-5 (Eng. Abstr.) **(Jpn)**

[Effects of combination therapy of carmofur and nicardipine of human gastric cancer in nude mice] Nakatani K, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):969-71 **(Jpn)**

[Influence of immunopotentiators on the activation of 5-FU derivatives] Nakazato H, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):867-74 (Eng. Abstr.) **(Jpn)**

[Effect of intravenous administration of FT-207 for gastric cancer] Otani Y, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):857-60 (Eng. Abstr.) **(Jpn)**

[Phase II study of sustained released granules of tegafur (SF-SP) on inoperable or recurrent gastric cancer] Sakata Y, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1068-72 (Eng. Abstr.) **(Jpn)**

[Chemotherapy with FT-207 suppository (Futraful Supo) in head and neck cancer--cooperative studies by six medical schools in Kanagawa Prefecture] Sawaki S, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1864-71 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of 1-hexylcarbamoyl-5-fluorouracil (HCFU) in hepatocellular carcinoma] Shiraishi K, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2348-55 (Eng. Abstr.) **(Jpn)**

[Randomized study of long-term adjuvant chemotherapy with Futraful and mitomycin C in gastric cancer. A second study (fourth report)] Taguchi T, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1833-9 (Eng. Abstr.) **(Jpn)**

[Clinical study on concentration of FT-207 and 5-FU in serum, lymph nodes and tissues after rectal administration of FT-207 suppositories for malignant diseases of the liver, biliary tract and pancreas] Takada T, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1088-93 (Eng. Abstr.) **(Jpn)**

[Evaluation of preoperative administration of N1-(2-tetrahydrofuryl)-5-fluorouracil (FT-207) suppository in surgical adjuvant chemotherapy for large bowel cancer] Takashima S, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2362-71 (Eng. Abstr.) **(Jpn)**

[A controlled study of surgical adjuvant chemoimmunotherapy with FT-207 and OK-432 for advanced stomach cancer: the fourth study] Yamamura Y, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):541-8 (Eng. Abstr.) **(Jpn)**

[Metabolism of 1-(2-tetrahydrofuryl)-5-fluorouracil (FT-207) in human maxillary cancer (OKK) cells in culture] Yoneda T, et al. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1306-11 (Eng. Abstr.) **(Jpn)**

[Postoperative adjuvant chemotherapy with N1-(2-tetrahydrofuryl)-5-fluorouracil (FT-207) for gastric cancer patients. Influence of fat emulsification on lymphatic transport] Hanaue H, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Aug 20;19(7):1515-20 (Eng. Abstr.) **(Jpn)**

[Pharmacokinetics of vaginal suppository FT-207 in uterine cervical cancer and radiation therapy] Noda T, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 May 20;19(4):796-802 (Eng. Abstr.) **(Jpn)**

[Chemotherapy of renal cell carcinoma. 3. Single-agent therapy with FT-207 or vinblastine] Satomi Y, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jun;75(6):903-8 (Eng. Abstr.) **(Jpn)**

[Study of energy characteristics of 5-fluorouracil analogs by photoionization mass-spectrometry] Orlov VM, et al. **Bioorg Khim** 1984 Apr;10(4):528-35 (Eng. Abstr.) **(Rus)**

ANALYSIS

Gas-liquid chromatographic analysis of fluoropyrimidine nucleosides and fluorouracil in plasma and urine. Williams WM, et al. **Anal Biochem** 1985 Jun;147(2):478-86

[The application of computer to volumetric analysis of drugs: the assay of weakly acidic water-soluble drugs] Luo GA, et al. **Yao Hsueh Hsueh Pao** 1985 Feb;20(2):146-50 (Eng. Abstr.) **(Chi)**

[5-FU concentration in blood and tissue of patients with renal cell carcinoma after administration of UFT] Masuda F, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):320-4 (Eng. Abstr.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Antagonistic effect of polyinosinic-polycytidylic acid on the cell lethality produced by 5-fluorouracil in human colon carcinoma cells in vitro. Iigo M, et al. **Cancer Res** 1985 May;45(5):1953-7

BLOOD

Comparison of gas chromatographic/mass spectrometric and microbiological assays for 5-fluorouracil in plasma. Min BH, et al. **Biomed Mass Spectrom** 1985 May;12(5):238-40

Pharmacokinetics of 5-fluorouracil infusions in the rat: comparison with man and other species. Collins JM. **Cancer Chemother Pharmacol** 1985;14(2):108-11

Altered plasma kinetics of 5-FU at high dosage in rat and man. Schwartz PM, et al. **Cancer Treat Rep** 1985 Jan;69(1):133-6

Fluorescence determination of 5-fluorouracil and 1-(tetrahydro-2-furanyl)-5-fluorouracil in blood serum by high-performance liquid chromatography. Iwamoto M, et al. **J Chromatogr** 1984 Sep 14;310(1):151-7

[Measurement of 5'-deoxy-5-fluorouridine (5'-DFUR) by high-performance liquid chromatography and studies on pharmacokinetics of 5'-DFUR and 5-fluorouracil by oral and intravenous administration] Hara Y, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2261-6 (Eng. Abstr.) **(Jpn)**

CEREBROSPINAL FLUID

Effect of intravenous dose and schedule on cerebrospinal fluid pharmacokinetics of 5-fluorouracil in the monkey [letter] Byfield JE, et al. **Cancer Res** 1985 Jul;45(7):3398-9

Effect of intravenous dose and schedule on cerebrospinal fluid pharmacokinetics of 5-fluorouracil in the monkey. Kerr IG, et al. **Cancer Res** 1984 Nov;44(11):4929-32

CHEMICAL SYNTHESIS

A simple synthesis of 18F-labelled 5-fluorouracil using acetylhypofluorite. Diksic M, et al.

Int J Nucl Med Biol 1984;11(2):141-2

Syntheses of 18F-labeled pyrimidines and their usefulness for tumor imaging. Ishiwata K, et al. **Nucleic Acids Symp Ser** 1984;(15):25-8

METABOLISM

Topical fluorouracil. Pharmacokinetics in normal rabbit eyes. Fantes FE, et al. **Arch Ophthalmol** 1985 Jul;103(7):953-5

Comparative levels of tissue enzymes concerned in the early metabolism of 5-fluorouracil in normal and malignant human colorectal tissue. Finan PJ, et al. **Br J Cancer** 1984 Nov;50(5):711-5

The influence of cimetidine on the pharmacokinetics of 5-fluorouracil. Harvey VJ, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):421-30

Pharmacokinetics of 5-fluorouracil following different routes of intrahepatic administration in the canine model. Didolkar MS, et al. **Cancer Res** 1984 Nov;44(11):5105-9

Enhancement by uridine of the anabolism of 5-fluorouracil in mouse T-lymphoma (S-49) cells. Parker WB, et al. **Cancer Res** 1985 Sep;45(9):4249-56

Evidence from rat hepatocytes of an unrecognized pathway of 5-fluorouracil metabolism with the formation of a glucuronide derivative. Sommadossi JP, et al. **Cancer Res** 1985 Jun;45(6):2450-5

Modulation of 5-fluorouracil catabolism in isolated rat hepatocytes with enhancement of 5-fluorouracil glucuronide formation. Sommadossi JP, et al. **Cancer Res** 1985 Jan;45(1):116-21

Drug interactions in biotransformation of 1-phthalidyl 5-fluorouracil to 5-fluorouracil in rat liver. Hirata M, et al. **Chem Biol Interact** 1984 Dec;52(2):141-50

Salivary excretion of 5-fluorouracil. I. Fluctuation of the saliva/plasma concentration ratio and salivary clearance in beagle dogs following bolus intravenous administration. Watanabe J, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar;33(3):1187-94

The effect of methotrexate pretreatment on 5-fluorouracil kinetics in sarcoma 180 in vivo. Herrmann R, et al. **Eur J Cancer Clin Oncol** 1985 Jun;21(6):753-8

Separation of several 5-fluorouracil metabolites in various melanoma cell lines. Evidence for the synthesis of 5-fluorouracil-nucleotide sugars. Peters GJ, et al. **Eur J Cancer Clin Oncol** 1984 Nov;20(11):1425-31

Comparative radiopharmacokinetics of 18F-5-fluorouracil administered i.v. to rats bearing a mammary tumor. Shani J, et al. **Int J Nucl Med Biol** 1985;12(1):9-12

Pharmacokinetics of 5-fluorouracil during hyperthermic pelvic isolation-perfusion. Wile AG, et al. **J Clin Oncol** 1985 Jun;3(6):849-52

Cytochrome P-450-dependent oxidative cleavage of 1-(tetrahydro-2-furanyl)-5-fluorouracil to 5-fluorouracil. Kawata S, et al. **Jpn J Pharmacol** 1984 Sep;36(1):43-9

Assay and time course of 5-fluorouracil incorporation into RNA of L1210/0 ascites cells in vivo. Spears CP, et al. **Mol Pharmacol** 1985 Feb;27(2):302-7

Clearance of intravitreal 3H-fluorouracil. Case JL, et al. **Ophthalmic Surg** 1985 Jun;16(6):378-81

Clearance of intravitreal fluorouracil. Normal and aphakic vitrectomized eyes. Jarus G, et al. **Ophthalmology** 1985 Jan;92(1):91-6

[Clinical study on the permeability of FT-207 and 5-FU in primary lung cancer] Aogauchi R, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):105-10 (Eng. Abstr.) (Jpn)

[Development of fluoropyrimidine derivatives] Fujii S, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2316-28 (Eng. Abstr.) (Jpn)

[Pharmacokinetics of fluoropyrimidines] Fujita H. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2307-15 (Eng. Abstr.) (Jpn)

[Fundamental studies on the introduction of chemotherapy of uterine cervical carcinoma--tissue level of 5-FU after oral administration] Hattori K, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2193-9 (Eng. Abstr.) (Jpn)

[5-FU concentration in the tissues (tumor and lymph node) of breast cancer patients given preoperative administration of UFT and FT] Koida T, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1147-51 (Eng. Abstr.) (Jpn)

[Comparison of the concentration of HCFU, tegafur and 5-FU in the thoracic duct lymph after oral administration of HCFU and tegafur] Matsumoto S, et al. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1697-8 (Jpn)

[Level of 5-FU in cancerous and normal tissues of nude mice after oral administration of tegafur coadministered with uracil (UFT)] Sekiguchi I, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1094-8 (Eng. Abstr.) (Jpn)

[Clinical study on concentration of FT-207 and 5-FU in serum, lymph nodes and tissues after rectal administration of FT-207 suppositories for malignant diseases of the liver, biliary tract and pancreas] Takada T, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1088-93 (Eng. Abstr.) (Jpn)

PHARMACODYNAMICS

The pharmacology of prodrugs of 5-fluorouracil and 1-beta-D-arabinofuranosylcytosine. Hadfield AF, et al. **Adv Pharmacol Chemother** 1984;20:21-67 (245 ref.)

Fluorouracil synchronization of human bone marrow cultures. In vitro induction of high resolution R-banding by simultaneous exposure to 5-bromodeoxyuridine/Hoechst 33258. Rønne M. **Anticancer Res** 1984 Jul-Oct;4(4-5):279-81

Fluorouracil (5-FU) and cytarabine (ara-C) inhibition of corneal epithelial cell and conjunctival fibroblast proliferation. Mallick KS, et al. **Arch Ophthalmol** 1985 Sep;103(9):1398-402

Effects of combined treatments of cis-diamminedichloroplatinum(II), 5-fluorouracil, and X-rays on growth of human cancer nodules maintained in continuous organotypic culture. Beaupain R, et al. **Cancer Res** 1985 Jul;45(7):3150-4

Augmentation of 5-fluorouracil cytotoxicity in human colon cancer cells by dipyridamole. Grem JL, et al. **Cancer Res** 1985 Jul;45(7):2967-72

Synergistic antitumor effect of fluoropyrimidines and polyinosinic-polycytidylic acid against L1210 leukemia. Iigo M, et al. **Cancer Res** 1985 Sep;45(9):4039-42

Factors modifying cytotoxicity induced by 5-FU and hydroxyurea. Hoshino T, et al. **Cancer Treat Rep** 1985 Sep;69(9):993-7

Modulation of fluoropyrimidine cytotoxicity by methotrexate or 5-methyltetrahydrofolate in human leukemia cells in vitro. Mini E, et al. **Chemioterapia** 1984 Dec;3(6):343-9

Cytolytic activity of interferon-gamma and its synergism with 5-fluorouracil. Le J, et al. **Int J Cancer** 1984 Oct 15;34(4):495-500

Effects of 5-fluorouracil on dihydrofolate reductase and dihydrofolate reductase mRNA from methotrexate-resistant KB cells. Dolnick BJ, et al. **J Biol Chem** 1985 Mar 10;260(5):3006-14

Pluripotential hematopoietic stem cells in post-5-fluorouracil murine bone marrow express the Thy-1 antigen. Williams DE, et al. **J Immunol** 1985 Aug;135(2):1004-11

Immune capability of rats with colorectal carcinoma treated by resection with or without 5-fluorouracil or levamisole. House AK, et al. **J Surg Oncol** 1984 Nov;27(3):172-8

Effects of postoperative adjuvant chemotherapy on liver regeneration in partially hepatectomized rats. Kohno H, et al. **Jpn J Surg** 1984 Nov;14(6):515-23

The molecular basis for the differential sensitivity of B and T lymphocytes to growth inhibition by thymidine and 5-fluorouracil. el-Assouli SM. **Leuk Res** 1985;9(3):391-8

Models for assessing scar tissue inhibitors. van Bockxmeer FM, et al. **Retina** 1985 Winter-Spring;5(1):47-60

Disappearance of antibodies to Factor VIII in a patient with acquired haemophilia and carcinoma of the pancreas during cytotoxic therapy with fluorouracil and CCNU. Rhodes EG, et al. **Thromb Haemost** 1984 Oct 31;52(2):131-3

[Comparison of the cytotoxic effect of fresh garlic, diallyl trisulfide, 5-fluorouracil (5-FU), mitomycin C (MMC) and Cis-DDP on two lines of gastric cancer cells] Pan XY. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):103-5 (Eng. Abstr.) (Chi)

[Comparison of human tumor clonogenic and nude mouse-isotope assays in anticancer-agent sensitivity tests] Hirabayashi N, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1808-12 (Eng. Abstr.) (Jpn)

[Mode of action of fluoropyrimidines, in relation to their clinical application] Suga S, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2301-6 (Eng. Abstr.) (Jpn)

[Combined effect of ACNU and 5-fluorouracil on spheroids of rat glioma cells] Kitahara M, et al. **Neurol Med Chir (Tokyo)** 1984 Oct;24(10):747-57 (Eng. Abstr.) (Jpn)

THERAPEUTIC USE

The effect of 5-fluorouracil on experimental acute pancreatitis. Illényi L, et al. **Acta Physiol Hung** 1984;64(3-4):479-83

Re-evaluation of 5-fluorouracil as a single agent for gestational malignant trophoblastic neoplasms. Sung HC, et al. **Adv Exp Med Biol** 1984;176:355-67

Superior clinical response and survival rates with initial bolus of cisplatin and 120 hour infusion of 5-fluorouracil before definitive therapy for locally advanced head and neck cancer. Weaver A, et al. **Am J Surg** 1984 Oct;148(4):525-9

Effects of local microwave hyperthermia and 5-fluorouracil in treatment of experimental liver cancer. Hugander A, et al. **Anticancer Res** 1985 May-Jun;5(3):281-5

Topical fluorouracil in vitiligo [letter] Monk B. **Arch Dermatol** 1985 Jan;121(1):25-6

Influence of some sulfhydryl compounds on the antineoplastic effectiveness of 5-fluorouracil and 6-mercaptopurine. Danysz A, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(3):345-9

Mitomycin and fluorouracil with concomitant radiotherapy in head and neck cancer. Kaplan MJ, et al. **Arch Otolaryngol** 1985 Apr;111(4):220-2

Continuous 5-day regional chemotherapy by 5-fluorouracil in colon carcinoma: pharmacokinetic evaluation. Boublil JL, et al. **Br J Cancer** 1985 Jul;52(1):15-20

A randomized trial of oral 5-fluorouracil versus placebo as adjuvant therapy in colorectal cancer Dukes' B and C: results after 5 years observation time. Hafström L, et al. **Br J Surg** 1985 Feb;72(2):138-41

A randomized controlled trial of adjuvant portal vein cytotoxic perfusion in colorectal cancer. Taylor I, et al. **Br J Surg** 1985 May;72(5):359-63

A comparative study of PALA, PALA plus 5-FU, and 5-FU in advanced breast cancer. Mann GB, et al. **Cancer** 1985 Sep 15;56(6):1320-4

Postoperative adjuvant irradiation and 5-fluorouracil for adenocarcinoma of the cecum. A pilot study. Shehata WM, et al. **Cancer** 1984 Dec 15;54(12):2850-3

Biochemical mechanisms for the scheduled synergism of (alpha S, 5S)-2 amino-3-chloro-4,5-dihydro-5-isoxazoleacetic acid and 5-fluorouracil in P388 leukemia. Ardalan B, et al. **Cancer Chemother Pharmacol** 1985;15(1):44-8

Long-term, ambulatory, continuous IV infusion of 5-FU for the treatment of advanced adenocarcinomas. Caballero GA, et al. **Cancer Treat Rep** 1985 Jan;69(1):13-5

Application of biochemical modulation with a therapeutically inactive modulating agent in clinical trials of cancer chemotherapy. Martin DS, et al. **Cancer Treat Rep** 1985 Apr;69(4):421-3 (34 ref.)

Phase II trial of 5-FU administered Ip to patients with refractory ovarian cancer. Ozols RF, et al. **Cancer Treat Rep** 1984 Oct;68(10):1229-32

Repigmentation of vitiligo macules treated topically with Efudix cream. Szekeres E, et al. **Dermatologica** 1985;171(1):55-9

Allopurinol mouthwashes and 5-fluorouracil induced oral toxicity. Clark PI, et al. **Eur J Surg Oncol** 1985 Sep;11(3):267-8

Concurrent radiation, mitomycin C and 5-fluorouracil in poor prognosis carcinoma of cervix: preliminary results of a phase I-II study. Thomas G, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1785-90

A randomized multicenter trial of cyclophosphamide, Novantrone and 5-fluorouracil (CNF) versus cyclophosphamide, Adriamycin and 5-fluorouracil (CAF) in patients with metastatic breast cancer. Bennett JM, et al. **Invest New Drugs** 1985;3(2):179-85

5-Fluorouracil and folinic acid: a Phase I-II trial in gastrointestinal malignancy. Cunningham J, et al. **Invest New Drugs** 1984;2(4):391-5

Mitoxantrone combined to vincristine, cyclophosphamide and fluorouracil in advanced breast cancer. Metz R, et al. **Invest New Drugs** 1985;3(2):163-6

Treatment of locally unresectable cancer of the stomach and pancreas: a randomized comparison of 5-fluorouracil alone with radiation plus concurrent and maintenance 5-fluorouracil--an Eastern Cooperative Oncology Group study. Klaassen DJ, et al. **J Clin Oncol** 1985 Mar;3(3):373-8

Combined 5-fluorouracil and radiation therapy as a surgical adjuvant for poor prognosis gastric carcinoma. Moertel CG, et al. **J Clin Oncol** 1984 Nov;2(11):1249-54

A pilot study of protracted venous infusion of 5-fluorouracil and concomitant radiation therapy. Rich TA, et al. **J Clin Oncol** 1985 Mar;3(3):402-6

Functional and structural changes of the human proximal small intestine after cytotoxic therapy. Cunningham D, et al. **J Clin Pathol** 1985 Mar;38(3):265-70

Effect of a high-protein-low-carbohydrate diet on toxicity and antitumor activity of 5-fluorouracil in mice. Flanigen-Roat DT, et al. **JNCI** 1985 Mar;74(3):705-10

Clinical trials and cancer risk in Japan. Takaku F. **JNCI** 1984 Dec;73(6):1483-5

A case of gastric cancer achieving a complete response by chemotherapy. Yoshikawa K. **Jpn J Clin Oncol** 1984 Sep;14(3):431-5

Comparison of 5-fluorouracil and CO2 laser for treatment of vaginal condylomata. Ferenczy A. **Obstet Gynecol** 1984 Dec;64(6):773-8

A review of lower genital intraepithelial neoplasia and the use of topical 5-fluorouracil. Sillman FH, et al. **Obstet Gynecol Surv** 1985 Apr;40(4):190-220 (208 ref.)

Cyclophosphamide plus 5-FU versus 5-FU alone in advanced gastric carcinoma. Chlebowski RT, et al. **Oncology** 1985;42(3):141-3

The place of chemotherapy associated with active immunotherapy with levamisol in advanced bladder cancer. Giannopoulos A, et al. **Prog Clin Biol Res** 1984;162B:123-4

Squamous cell cancer of female urethra. Successful treatment with chemoradiotherapy. Shah AB, et al. **Urology** 1985 Mar;25(3):284-6

[Combination of radiotherapy with 5-fluorouracil in advanced cancer of the pancreas (letter)] Bolla M, et al. **Bull Cancer (Paris)** 1984;71(4):391-2 (Fre)

[Synchronization therapy as a palliative measure in incurable head and neck tumors] Ganzer U. **Laryngol Rhinol Otol (Stuttg)** 1985 Jan;64(1):21-4 (Eng. Abstr.) (Ger)

[Evaluation of continuous intravenous 5-fluorouracil therapy in 27 patients with neoplasms of the digestive tract] Pilone A, et al. **G Ital Chemioter** 1984 Sep-Dec;31(3):249-52 (Ita)

[Adjuvant chemotherapy after surgery in advanced gastric cancer] Hirose S, et al. **Gan No Rinsho** 1984 Nov;30(14):1767-72 (Eng. Abstr.) (Jpn)

[Preoperative treatment with 5-fluorouracil (5-FU) in gastric and colorectal cancer] Kawaura Y, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):348-52 (Eng. Abstr.) (Jpn)

[Studies on the new anticancer preparation, 5-fluorouracil-polyglycolic acid-composite and its therapeutic evaluation] Hirano M. **Nippon Geka Gakkai Zasshi** 1984 Dec;85(12):1508-17 (Eng. Abstr.) (Jpn)

[Effects of in vivo hyperthermo-chemotherapeutic perfusion of the normal and regenerating liver on the aminopyrine breath test in the rats] Miyazaki M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):255–60 (Eng. Abstr.) **(Jpn)**

[A case of progressed gastric cardial carcinoma survived for more than 8 years treated with 3000 rad of radiation and peroral 5-FU] Hong SS, et al. **Rinsho Hoshasen** 1985 Apr; 30(4):517–20 (Eng. Abstr.) **(Jpn)**

[Radiotherapy. Locally advanced colorectal cancer with and without 5-fluorouracil] Fosså SD, et al. **Tidsskr Nor Laegeforen** 1985 Feb 28;105(6):423–6 (Eng. Abstr.) **(Nor)**

[Combined treatment of advanced head and neck cancer using 5-fluorouracil and irradiation in the so-called synchronized cell cycle] Marzecki Z, et al. **Otolaryngol Pol** 1984;38(2):129–34 (Eng. Abstr.) **(Pol)**

[Biochemical criteria of 5-fluorouracil sensitivity and resistance of stomach tumors] Shlemkevich MP. **Biull Eksp Biol Med** 1984 Nov;98(11):555–6 (Eng. Abstr.) **(Rus)**

[Changes in the content and composition of gangliosides of tumors as affected by chemotherapeutic agents] Kozlov AM, et al. **Eksp Onkol** 1984;6(5):62–6 (Eng. Abstr.) **(Rus)**

[Ribamidil as a modulator of the toxic effect of 5-fluorouracil] Lobova TG, et al. **Eksp Onkol** 1985; 7(1):58–60 (Eng. Abstr.) **(Rus)**

[Adjuvant chemotherapy in colorectal carcinoma] Pelikán A. **Rozhl Chir** 1985 Jan;64(1):30–3 (Eng. Abstr.) **(Slo)**

TOXICITY

The effect of some sulfhydryl compounds on the toxicity of 5-fluorouracil and 6-mercaptopurine in laboratory animals. Danysz A, et al. **Acta Pol Pharm** 1984;41(5):571–4

Decreased host toxicity in vivo during chronic treatment with 5-flourouracil. Darnowski JW, et al. **Cancer Chemother Pharmacol** 1985;14(1):63–9

Phase I and pharmacokinetic studies of high-dose uridine intended for rescue from 5-fluorouracil toxicity. Leyva A, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5928–33

Different effects of topically applied 5-fluorouracil on hairy and hairless mice. Tsuji T, et al. **Clin Exp Dermatol** 1984 Nov;9(6):574–82

Protection by bone marrow grafts against lethal doses of 5-fluorouracil. Floersheim GL. **Eur J Cancer Clin Oncol** 1984 Nov;20(11):1441–4

Effect of 5-fluorouracil on rat bone marrow. Tewari SP, et al. **Indian J Cancer** 1984 Jul–Aug;21(3):99–101

5-Fluorouracil toxicity to the ocular surface epithelium. Shapiro MS, et al. **Invest Ophthalmol Vis Sci** 1985 Apr; 26(4):580–3

A controlled trial of the effect of 4-hydroxypyrazolopyrimidine (allopurinol) on the toxicity of a single bolus dose of 5-fluorouracil. Woolley PV, et al. **J Clin Oncol** 1985 Jan;3(1):103–9

Evaluation of intravitreal 5-fluorouracil, vincristine, VP 16, doxorubicin, and thiotepa in primate eyes. Barrada A, et al. **Ophthalmic Surg** 1984 Sep;15(9):767–9

A model system for measuring comparative toxicities of cardiotoxic drugs for cultured rat heart myocytes, endothelial cells and fibroblasts. II. Doxorubicin, 5-fluorouracil and cyclophosphamide. Wenzel DG, et al. **Toxicology** 1984 Nov;33(2):117–28

URINE

Complete urinary excretion profile of 5-fluorouracil during a six-day chemotherapeutic schedule, as resolved by 19F nuclear magnetic resonance. Bernadou J, et al. **Clin Chem** 1985 Jun;31(6):846–8

FLUORTRIAMCINOLONE ACETONIDE see **FLUOCINOLONE ACETONIDE**

FLUOSTIGMINE see **ISOFLUROPHATE**

FLUOXETIN see under **PROPYLAMINES**

FLUOXIMESTERON see **FLUOXYMESTERONE**

FLUOXYMESTERONE

ADMINISTRATION & DOSAGE

Hormone stimulation and chemotherapy in advanced prostate cancer: preliminary results of a prospective controlled clinical trial. Manni A, et al. **Anticancer Res** 1985 Mar–Apr; 5(2):161–5

BLOOD

Liquid chromatographic assay for fluoxymesterone in human serum with application to a preliminary bioavailability study. Capponi VJ, et al. **J Pharm Sci** 1985 Mar; 74(3):308–11

PHARMACODYNAMICS

Effect of non aromatizable androgens on LHRH and TRH responses in primary testicular failure. Spitz IM, et al. **Horm Metab Res** 1984 Sep;16(9):492–7

[Effects of sex hormones on breathing during waking and sleep] Takasaki Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar; 23(3):286–95 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Constitutional delay of growth and puberty in boys: the effect of a short course of treatment with fluoxymesterone. Stanhope R, et al. **Acta Paediatr Scand** 1985 May; 74(3):390–3

Do androgens enhance the response to antithymocyte globulin in patients with aplastic anemia? A prospective randomized trial. Champlin RE, et al. **Blood** 1985 Jul; 66(1):184–8

The effect of orally administered androgens on sperm count and sperm motility. Surabote A. **J Med Assoc Thai** 1984 Aug;67(3):425–8

FLUPENTHIXOL see under **THIOXANTHENES**

FLUPHENAZINE

ADMINISTRATION & DOSAGE

A dramatic behavioral response to thyrotropin-releasing hormone following low-dose neuroleptics. Garbutt JC, et al. **Psychoneuroendocrinology** 1984;9(3):311–4

Experience with fluphenazine hydrochloride injection [letter] Zabow T. **S Afr Med J** 1985 Jan 26;67(4):118

ADVERSE EFFECTS

Priapism resulting from fluphenazine hydrochloride treatment reversed by diphenhydramine. Fishbain DA. **Ann Emerg Med** 1985 Jun;14(6):600–2

ANALOGS & DERIVATIVES

Long-acting therapy of schizophrenia. Rapisarda V, et al. **Adv Biochem Psychopharmacol** 1985;40:25–8

Costs and benefits of two doses of fluphenazine. Marder SR, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1025–9

Effects of smoking on fluphenazine clearance in psychiatric inpatients. Ereshefsky L, et al. **Biol Psychiatry** 1985 Mar; 20(3):329–32

Long-term depot maintenance of chronic schizophrenic out-patients: the seven year follow-up of the Medical Research Council fluphenazine/placebo trial. II. The incidence of compliance problems, side-effects, neurotic symptoms and depression. Curson DA, et al. **Br J Psychiatry** 1985 May;146:469–74

Long-term depot maintenance of chronic schizophrenic out-patients: the seven year follow-up of the Medical Research Council fluphenazine/placebo trial. III. Relapse postponement or relapse prevention? The implications for long-term outcome. Curson DA, et al. **Br J Psychiatry** 1985 May;146:474–80

Long-term depot maintenance of chronic schizophrenic out-patients: the seven year follow-up of the Medical Research Council fluphenazine/placebo trial I. Course of illness, stability of diagnosis, and the role of a special maintenance clinic. Curson DA, et al. **Br J Psychiatry** 1985 May;146:464–9

The effects of chronic neuroleptic treatment on neurotensin-like immunoreactivity in the rat central nervous system. Goedert M, et al. **Brain Res** 1985 Jun 3; 335(2):334–6

Catatonia associated with phenylpropanolamine overdose and fluphenazine treatment: case report. Castellani S. **J Clin Psychiatry** 1985 Jul;46(7):288–9

Serum neuroleptic levels and clinical outcome in schizophrenic patients treated with fluphenazine decanoate. Brown WA, et al. **J Clin Psychopharmacol** 1985 Jun; 5(3):143–7

Vitiligo-like syndrome following the use of fluphenazine enanthate. Rampertaap MP. **Mo Med** 1985 Jan;82(1):24–6

Double-blind comparison of haloperidol decanoate and fluphenazine decanoate effectiveness, side-effects, dosage and serum levels during a six months' treatment for relapse prevention. Kissling W, et al. **Pharmacopsychiatry** 1985 May;18(3):240–5

Fluphenazine decanoate-induced cholestatic jaundice and thrombocytopenia. Holt RJ. **Pharmacotherapy** 1984 Jul–Aug;4(4):227–9

[Social integration of long-term paraphrenic patients with low-dose depot neuroleptic medication] Lesch OM, et al. **Psychiatr Prax** 1985 Mar;12(2):63–8 (Eng. Abstr.) **(Ger)**

[Clinical experience with depot neuroleptic treatment] Waldmann KD, et al. **Z Arztl Fortbild (Jena)** 1984; 78(20):853–6 **(Ger)**

BLOOD

Effects of smoking on fluphenazine clearance in psychiatric inpatients. Ereshefsky L, et al. **Biol Psychiatry** 1985 Mar; 20(3):329–32

Neuroleptic serum levels measured by radioreceptor assay in patients receiving intramuscular depot neuroleptics. Some preliminary findings. Turbott J, et al. **Br J Psychiatry** 1985 Apr;146:439–42

PHARMACODYNAMICS

Phenothiazine suppression of transient depolarizations in rabbit ventricular cells. Kremers MS, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):H291–6

Inhibition of stimulated osmotic water flow by fluphenazine, a calmodulin inhibitor, in the isolated toad skin. Berman DM. **Comp Biochem Physiol [C]** 1985;81(1):203–8

Enkephalin content in rat striatum during prolonged treatment with fluphenazine. Herman ZS, et al. **Neuropeptides** 1984 Nov;4(6):497–505

THERAPEUTIC USE

Separate and combined anxiolytic and anti-depressant treatment of mixed anxiety/depression. A double-blind, placebo controlled comparison. Sussex Clinical Trials Group. **Acta Psychiatr Scand** 1985 Jul;72(1):81–8

Fluphenazine/nortriptyline in the irritable bladder syndrome. A double-blind placebo controlled study. Martin MR, et al. **Br J Urol** 1984 Apr;56(2):178–9

Amitriptyline plus fluphenazine to prevent chemotherapy-induced emesis in cancer patients: a double-blind randomized cross-over study. Mellink WA, et al. **Eur J Cancer Clin Oncol** 1984 Sep;20(9):1147–50

Self-mutilation in Lesch-Nyhan disease is caused by dopaminergic denervation [letter] Goldstein M, et al. **Lancet** 1985 Feb 9;1(8424):338–9

Serum and cerebrospinal fluid prolactin patterns during neuroleptic treatment in schizophrenic patients. Rimón R, et al. **Pharmacopsychiatry** 1985 May;18(3):252–4

Effects of thioridazine and fluphenazine on the pituitary, thyroid and adrenal functions in patients with paranoid schizophrenia. Horodnicki JM, et al. **Psychiatr Pol** 1984 May–Jun;18(3):205–11

TOXICITY

Fluphenazine-induced acute and tardive dyskinesias in monkeys. Kovacic B, et al. **Psychopharmacology (Berlin)** 1984;84(3):310–4

FLUPREDNISOLONE

ADVERSE EFFECTS

Pseudoprimary aldosteronism from the topical application of 9-alpha-fluorprednisolone to the skin. Montoliu J, et al. **Clin Nephrol** 1984 Nov;22(5):262–6

Pseudoaldosteronism due to 9-alpha-fluoroprednisolone creams [letter] Morán JM, et al. **Clin Nephrol** 1984 Dec; 22(6):323–4

Hypermineralocorticoidism due to topical application of 9 alpha-fluoroprednisolone [letter] Sanchez M, et al. **Clin Nephrol** 1984 Nov;22(5):267–8

[Severe hypokalemic episode induced by abuse of fluoro-prednisolone acetate administered nasally and the simultaneous oral consumption of indapamide] Di Giacomo V, et al. **Clin Ter** 1985 Jan 31;112(2):163–7 (Eng. Abstr.) **(Ita)**

[A hypokalemic normotensive variant of the syndrome caused by nasal spray containing 9-alpha-fluoroprednisolone] Mammarella A, et al. **Clin Ter** 1985 Jan 15;112(1):9–19 (Eng. Abstr.) **(Ita)**

[Exogenous hypermineralocorticism caused by a nasal spray containing 9-alpha fluoroprednisolone] Virgolini L, et al. **Minerva Cardioangiol** 1984 Jul–Aug;32(7–8):473–5 (Eng. Abstr.) **(Ita)**

[Normotensive hypermineralocorticism caused by abusive use of a nasal spray containing 9 alpha-fluoroprednisolone] Vincenzi V, et al. **Minerva Endocrinol** 1984 Jul–Sep; 9(3):375–7 (Eng. Abstr.) **(Ita)**

ANALOGS & DERIVATIVES

[Studies on antigenicity of difluprednate--antigenicity of difluprednate, phototoxicity and photocontact sensitivity of difluprednate ointment and cream] Hasegawa T, et al. **J Toxicol Sci** 1985 May;10(2):155–73 (Eng. Abstr.) **(Jpn)**

[Chronic toxicity study on difluprednate in dogs] Higuchi T, et al. **J Toxicol Sci** 1985 May;10(2):107–34 (Eng. Abstr.) **(Jpn)**

[Effect of difluprednate on adrenocortical and gonadal function] Aizawa Y, et al. **Nippon Yakurigaku Zasshi** 1984 Dec;84(6):553–61 (Eng. Abstr.) **(Jpn)**

[Hypermineralocorticism secondary to the topical use of corticoids] Rama H, et al. **Rev Clin Esp** 1984 Aug 15–31; 174(3–4):111–4 (Eng. Abstr.) **(Spa)**

ANTAGONISTS & INHIBITORS

Steroid antagonism of the 'hypertensinogenic' activity of 9 alpha-fluoroprednisolone. Coghlan JP, et al. **Life Sci** 1984 Dec 24;35(26):2609–12

THERAPEUTIC USE

[Results of a controlled clinical trial of Corti-fluoral compared to placebo. A double-blind study] Morabito G, et al. **Minerva Stomatol** 1984 Sep–Oct;33(5):875–80 (Eng. Abstr.) **(Ita)**

FLURANDRENOLIDE see **FLURANDRENOLONE**

FLURANDRENOLONE

ADVERSE EFFECTS

[Contact allergy to fludroxycortid and cetyl alcohol] Haasen BM, et al. **Derm Beruf Umwelt** 1985;33(1):27–8 (Eng.

Abstr.) **(Ger)**

FLURAZEPAM

ADVERSE EFFECTS

Side-effect 'tolerance' in elderly long-term recipients of benzodiazepine hypnotics. Swift CG, et al. **Age Ageing** 1984 Nov;13(6):335-43

Incidence of next-day anterograde amnesia caused by flurazepam hydrochloride and triazolam. Juhl RP, et al. **Clin Pharm** 1984 Nov-Dec;3(6):622-5

ANALOGS & DERIVATIVES

Brain uptake of flurazepam and of N1-desalkyl flurazepam after administration of flurazepam to the cat. Chiueh CC, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):1-4

Effects of doxefazepam on normal sleep. An EEG and neuropsychological study. Rodriguez G, et al. **Neuropsychobiology** 1984;11(2):133-9

ANTAGONISTS & INHIBITORS

Reduction of flurazepam convulsive threshold by Ro 15-1788. Bourn WM, et al. **Psychopharmacology (Berlin)** 1985;85(3):267-70

METABOLISM

Brain uptake of flurazepam and of N1-desalkyl flurazepam after administration of flurazepam to the cat. Chiueh CC, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):1-4

PHARMACODYNAMICS

GABA and benzodiazepine-induced modification of [14C]L-glutamic acid release from rat spinal cord slices. Vellucci SV, et al. **Brain Res** 1985 Mar 25;330(2):201-7

Cerebrovascular and cerebral metabolic effects of flurazepam and a benzodiazepine antagonist, 3-hydroxymethyl-beta-carboline. Hoffman WE, et al. **Eur J Pharmacol** 1984 Nov 27;106(3):585-91

Radioreceptor assay of benzodiazepines in cerebrospinal fluid during chronic flurazepam treatment in cats. Tyma JL, et al. **Eur J Pharmacol** 1984 Oct 15;105(3-4):301-8

Aging and sleep apnea: action of benzodiazepine, acetazolamide, alcohol, and sleep deprivation in a healthy elderly group. Guilleminault C, et al. **J Gerontol** 1984 Nov; 39(6):655-61

Effects of flurazepam and triazolam on neuropsychological performance. Bornstein RA, et al. **Percept Mot Skills** 1985 Feb;60(1):47-52

Lack of preference for flurazepam in normal volunteers. de Wit H, et al. **Pharmacol Biochem Behav** 1984 Dec; 21(6):865-9

Benzodiazepines inhibit human platelet activation: comparison of the mechanism of antiplatelet actions of flurazepam and diazepam. Romstedt K, et al. **Thromb Res** 1985 May 15;38(4):361-74

[Changes in the length of sleep cycles during administration of flurazepam and lopirazepam] Fabian A, et al. **EEG EMG** 1984 Sep;15(3):151-8 (Eng. Abstr.) **(Ger)**

POISONING

Adult respiratory distress syndrome associated with flurazepam overdose. Stringer MD. **J R Soc Med** 1985 Jan; 78(1):74-5

THERAPEUTIC USE

A comparison of temazepam and flurazepam in terms of sleep quality and residual changes in activation and performance. Warburton DM, et al. **Arzneimittelforsch** 1984; 34(11):1601-4

A comparison of temazepam and flurazepam in terms of sleep quality and residual changes in performance. Wesnes K, et al. **Neuropsychobiology** 1984;11(4):255-9

[Efficacy and tolerance of triazolam compared with flurazepam in patients with insomnia] Lanaia F, et al. **Clin Ter** 1985 Apr 15;113(1):13-8 (Eng. Abstr.) **(Ita)**

FLURBIPROFEN see under **PROPIONATES**

FLURIDRAZEPAM see **FLUNITRAZEPAM**

FLUROTHYL

PHARMACODYNAMICS

Cerebral metabolic changes during and following fluorothyl-induced seizures in ventilated rats. Folbergrová J, et al. **J Neurochem** 1985 May;44(5):1419-26

FLUSHING

see related
BLUSHING

CHEMICALLY INDUCED

The measurement of 2,3-butanediol and 1,2-propanediol in 'flushing' and 'non-flushing' Japanese. Casazza JP, et al. **Alcohol** 1985 May-Jun;2(3):401-4

Isoflurane-fentanyl flush [letter] DesMarteau JK. **Anesthesiology** 1985 Jul;63(1):126

Chlorpropamide-alcohol flush: significance of body weight, sex and serum chlorpropamide level. Groop L, et al. **Eur J Clin Pharmacol** 1984;26(6):723-5

[Drug flush. Possible role of indalpine overdosage (letter)] Manigand G, et al. **Presse Med** 1985 Apr 13;14(15):841 **(Fre)**

[Facial vasomotor flushing due to alcohol-chlorpropamide. Prevalence in diabetic and non-diabetic patients] Guillausseau PJ, et al. **Rev Med Interne** 1984 Sep;5(3):212-6 (Eng. Abstr.) **(Fre)**

[The blush or flush caused by chlorpropamide/alcohol (CAF) in non-insulin-dependent diabetes mellitus] Ordóñez A, et al. **Rev Clin Esp** 1985 May;176(9):453-6 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Facial skin temperature in chlorpropamide alcohol flush. Jerntorp P. **Acta Med Scand** 1985;217(2):229-32

Chlorpropamide and an Antabuse-like reaction [letter] Wolfsthal SD, et al. **Ann Intern Med** 1985 Jul;103(1):158

Further investigation of racial/ethnic differences and of familial resemblances in flushing in response to alcohol. Johnson RC, et al. **Behav Genet** 1984 May;14(3):171-8

Climacteric flushing in a patient with carcinoid tumour. Wilkin JK. **Br J Dermatol** 1985 Mar;112(3):357-61

The role of endogenous opioids in the chlorpropamide alcohol flush. Johnston C, et al. **Clin Endocrinol (Oxf)** 1984 Nov;21(5):489-97

Prostacyclin and thromboxane in non-insulin dependent diabetes: the chlorpropamide alcohol flush reaction revisited. Johnston C, et al. **Clin Sci** 1984 Dec;67(6):633-8

On plasma chlorpropamide, body weight and sex difference in chlorpropamide alcohol flush (CPAF). Jerntorp P, et al. **Diabetes Res** 1984 Nov;1(4):223-6

Growling, flushing, and a 30-pound weight loss. Khokhar N. **Hosp Pract [Off]** 1985 Sep 30;20(9A):64-5

Prevalence of chlorpropamide alcohol flush in Jewish Israeli diabetics. The role of serum chlorpropamide concentrations. Segal P, et al. **Isr J Med Sci** 1985 Feb; 21(2):98-101

The flushing response to alcohol use among Koreans and Taiwanese. Park JY, et al. **J Stud Alcohol** 1984 Nov; 45(6):481-5

Alcohol-induced facial flushing and drinking behavior in Japanese men. Suwaki H, et al. **J Stud Alcohol** 1985 May; 46(3):196-8

'Red-neck syndrome' with slow infusion of vancomycin [letter] Pau AK, et al. **N Engl J Med** 1985 Sep 19; 313(12):756-7

[Flush induced by chlorpropamide-alcohol (CAF): a genetic marker of diabetes mellitus or an undesirable effect of the drug?] Sabán J, et al. **Rev Clin Esp** 1985 Feb;176(3):107-11 (50 ref.) (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Lowering of blood acetaldehyde but not ethanol concentrations by pantethine following alcohol ingestion: different effects in flushing and nonflushing subjects. Watanabe A, et al. **Alcoholism (NY)** 1985 May-Jun; 9(3):272-6

[Peroperative flush in digestive surgery (letter)] Stieglitz P. **Ann Fr Anesth Reanim** 1985;4(1):96-7 **(Fre)**

[Vegetative indicators in flushing in the climacteric syndrome] Il'ina EM. **Akush Ginekol (Mosk)** 1984 Aug; (8):52-6 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

The effects of naloxone infusion and stellate ganglion blockade on hot flushes in the human male. Hendy MS, et al. **Maturitas** 1985 Jul;7(2):169-74

A preliminary evaluation of the effect of lofexidine on vasomotor flushes in post-menopausal women. Jones KP, et al. **Maturitas** 1985 Jul;7(2):135-9

Effect of an intranasal LHRH agonist on gonadotrophins and hot flushes in post-menopausal women. Shaw RW, et al. **Maturitas** 1985 Jul;7(2):161-7

THERAPY

[Veralipride in the treatment of hot flushes in the menopause] Pasetto N, et al. **Rev Fr Gynecol Obstet** 1985 Feb 28; 80(3):163-5 (Eng. Abstr.) **(Fre)**

FLUSPIRILENE see under **SPIRO COMPOUNDS**

FLUTAMIDE see under **ANILIDES**

FMN

ANALOGS & DERIVATIVES

Electron-transfer reactions of photoreduced flavin analogues with c-type cytochromes: quantitation of steric and electrostatic factors. Meyer TE, et al. **Biochemistry** 1984 Sep 25;23(20):4761-7

METABOLISM

Spectroscopic evidence for anthracenedione antineoplastic agent self-association and complex formation with flavin nucleotides. Kharasch ED, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):497-512

Thyroid hormone regulation of flavocoenzyme biosynthesis. Lee SS, et al. **Arch Biochem Biophys** 1985 Feb 15; 237(1):197-201

Electron-transfer reactions of photoreduced flavin analogues with c-type cytochromes: quantitation of steric and electrostatic factors. Meyer TE, et al. **Biochemistry** 1984 Sep 25;23(20):4761-7

Flavins of NADPH-cytochrome P-450 reductase: evidence for structural alteration of flavins in their one-electron-reduced semiquinone states from resonance Raman spectroscopy. Sugiyama T, et al. **Biochemistry** 1985 Jun 4;24(12):3012-9

Covalent attachment of flavin to flavoproteins: occurrence, assay, and synthesis. Singer TP, et al. **Methods Enzymol** 1984;106:369-78

FOAM CELLS see under **MACROPHAGES**

FOAMY VIRUS see under **RETROVIRIDAE**

FOCAL DERMAL HYPOPLASIA see under **ECTODERMAL DEFECT, CONGENITAL**

FOCAL INFECTION

COMPLICATIONS

[Studies on the allergic aspect of interstitial cystitis. (2) A case of interstitial cystitis associated with eosinophilia of the bladder wall probably due to tonsillar focal infection] Yamada T, et al. **Arerugi** 1985 Jan;34(1):47-51 (Eng. Abstr.) **(Jpn)**

[Pathogenesis of otorhinopathic emboligenic septicemia] Sarafoleanu D, et al. **Rev Chir [Otorinolaringol]** 1984 Jul-Sep;29(3):185-9 (Eng. Abstr.) **(Rum)**

[Pathogenetic therapy of neurodermatitis with concomitant chronic focal infection of the nasopharynx] Shaposhnikov OK, et al. **Voen Med Zh** 1984 Oct;(10):48-50 **(Rus)**

ETIOLOGY

Staphylococcus epidermidis bacteremia in neonates: further observations and the occurrence of focal infection. Noel GJ, et al. **Pediatrics** 1984 Nov;74(5):832-7

IMMUNOLOGY

[Clinico-immunological aspects of focal infection—therapeutic implications] Sarafoleanu D, et al. **Rev Chir [Otorinolaringol]** 1985 Jan-Mar;30(1):27-31 (Eng. Abstr.) **(Rum)**

MICROBIOLOGY

[Microflora of the suppurative inflammatory foci in patients with laryngeal and pharyngeal cancer undergoing combined treatment for local postoperative complications] Smolianskaia AZ, et al. **Vopr Onkol** 1985;31(5):26-31 (Eng. Abstr.) **(Rus)**

PATHOLOGY

[Structural bases for the invasion of the causative agents of experimental Pseudomonas aeruginosa sepsis into the bloodstream from the primary septic focus] Panova NV, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):57-60 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Acute focal bacterial nephritis: a systematic approach to diagnosis and treatment. Zaontz MR, et al. **J Urol** 1985 May;133(5):752-7

RADIONUCLIDE IMAGING

Indium leucocyte imaging in true pyrexia of unknown origin. Hawker RJ, et al. **Eur J Nucl Med** 1985;10(3-4):172-4

SURGERY

[Argon laser coagulation in focal chorioretinitis] Balashevich LI. **Oftalmol Zh** 1984;(7):414-6 (Eng. Abstr.) **(Rus)**

THERAPY

[Therapy of otogenic and rhinogenic meningitis] Grasl M, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Aug;63(8):392-5 (Eng. Abstr.) **(Ger)**

FOCAL INFECTION, DENTAL

COMPLICATIONS

Facial infection arising from dens evaginatus. Loh HS, et al. **Br Dent J** 1985 May 25;158(10):367-8

Orbital cellulitis of dental origin: case report and review of the literature. Janakarajah N, et al. **Br J Oral Maxillofac Surg** 1985 Apr;23(2):140-5

The presentation and complications of odontogenic septic shock. Report of a case. Quinn P, et al. **Oral Surg Oral Med Oral Pathol** 1985 Apr;59(4):336-9

[Cervico-facial suppuration of oro-dental origin due to Eikenella corrodens] Ruf R, et al. **Rev Stomatol Chir Maxillofac** 1984;85(4):284-6 (Eng. Abstr.) **(Fre)**

[Gangrenous cellulitis of the face. Apropos of a case] Vesse M, et al. **Rev Stomatol Chir Maxillofac** 1984;85(4):287-90 (Eng. Abstr.) **(Fre)**

[Therapy and the course of healing in odontogenic sinusitis. A case report] Stoffel J. **Dtsch Zahnarztl Z** 1984 Jun; 39(6):475-82 (Eng. Abstr.) **(Ger)**

[Neurocirculatory asthenia in patients with odontogenic inflammatory processes] Dmitrieva VS, et al. **Vestn Khir** 1985 Feb;134(2):51-2 (Eng. Abstr.) **(Rus)**

[Complex treatment of odontogenic mediastinitis] Pogodina AN, et al. **Vestn Khir** 1985 Mar;134(3):13-7 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

[Antibiotic therapy of odontogenic infections] Antunes F. **Rev Port Estomatol Cir Maxilofac** 1984 Jan-Mar; 25(1):631-40 **(Por)**

[Immunostimulants in the combined treatment of patients with odontogenic abscesses and phlegmon] Biberman IaM, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):43-5 (Eng. Abstr.) **(Rus)**

[Use of a chloracetophos ointment in the combined treatment of acute odontogenic inflammatory processes of the maxillofacial area] Khamitov FS, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):35-7 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

[Cellular immunity in odontogenic inflammatory processes and its correction with biologically active preparations] Robustova TG, et al. **Stomatologiia (Mosk)** 1984 Nov-Dec; 63(6):62-3 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Immunoelectron microscopic study of Actinomyces colony in odontogenic periapical infection. Happonen RP, et al. **Int J Oral Surg** 1984 Dec;13(6):539-44

[Bacterial microflora in acute suppurative odontogenic diseases of the maxillofacial area] Bazhanov NN, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):31-2 (Eng. Abstr.) **(Rus)**

[Use of a transport medium for isolating asporogenic anaerobes from clinical specimens in odontogenic phlegmon] Oleinik II, et al. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):35-7 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

[Means of increasing the effectiveness of prevention and treatment in odontogenic superior mediastinitis] Gruzdev NA, et al. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):39-41 (Eng. Abstr.) **(Rus)**

THERAPY

Evaluation of treatment provided patients hospitalized with orofacial odontogenic infections: a retrospective study. Young EW, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):28-33

FOG see under **WEATHER**

FOLIC ACID

ADMINISTRATION & DOSAGE

Recommended Dietary Allowances (RDA) for folacin. An example of interpretive nutrition. Rosenberg IH, et al. **Ala J Med Sci** 1984 Oct;21(4):394-6

Folate intake and blood concentrations of term infants. Smith AM, et al. **Am J Clin Nutr** 1985 Mar;41(3):590-8

Bone marrow status of anaemic pregnant women on supplemental iron and folic acid in a Nigerian community. Okafor LA, et al. **Angiology** 1985 Aug;36(8):500-3

Severity of tenosynovitis in reovirus-infected chickens fed various dietary levels of choline, folic acid, manganese, biotin, or niacin. Cook ME, et al. **Avian Dis** 1984 Jul-Sep; 28(3):562-73

ADVERSE EFFECTS

Potential toxic side effects of folic acid [letter] Kakar F, et al. **JNCI** 1985 Jan;74(1):263

ANALOGS & DERIVATIVES

High-performance liquid chromatographic determination of the distribution of naturally occurring folic acid derivatives in rat liver. Wilson SD, et al. **Anal Biochem** 1984 Nov 1; 142(2):529-35

Comparative activity of rat liver dihydrofolate reductase with 7,8-dihydrofolate and other 7,8-dihydropteridines. Webber S, et al. **Arch Biochem Biophys** 1985 Feb 1; 236(2):681-90

Association of folate molecules as determined by proton NMR: implications on enzyme binding. Khaled MA, et al. **Biochem Biophys Res Commun** 1985 Aug 15; 130(3):1273-80

Inhibition of glycine N-methyltransferase activity by folate derivatives: implications for regulation of methyl group metabolism. Wagner C, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):746-52

The effect of ethanol consumption on folate polyglutamate biosynthesis in the rat. Keating JN, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):1913-6

Dismutation of dihydrofolate by dihydrofolate reductase. Blakley RL, et al. **Biochemistry** 1984 May 22; 23(11):2377-83

Activity of the new antifolate N10-propargyl-5,8-dideazafolate and its polyglutamates against human dihydrofolate reductase, human thymidylate synthetase, and KB cells containing different levels of dihydrofolate reductase. Cheng YC, et al. **Cancer Res** 1985 Feb;45(2):598-600

Similar differential for total polyglutamylation and cytotoxicity among various folate analogues in human and murine tumor cells in vitro. Samuels LL, et al. **Cancer Res** 1985 Apr;45(4):1488-95

The uptake of [3H] pteroylglutamic acid into rat liver during regeneration and its incorporation into pteroylpolyglutamates of that organ. Marchetti M, et al. **Int J Vitam Nutr Res** 1985;55(1):53-8

Determination of mouse liver 5-methyltetrahydrofolate concentration and polyglutamate forms. Doig MT, et al. **J Biochem Biophys Methods** 1985 Mar;10(5-6):287-94

Effect of age on poly- and monoglutamyl folacin absorption in human subjects. Bailey LB, et al. **J Nutr** 1984 Oct; 114(10):1770-6

The time course of [3H]PteGlu uptake and its incorporation into pteroylpolyglutamates in liver of phenobarbitone treated rats. Formiggini G, et al. **Pharmacol Res Commun** 1985 Feb;17(2):123-8

Inhibition of phosphoribosylaminoimidazolecarboxamide transformylase by methotrexate and dihydrofolic acid polyglutamates. Allegra CJ, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4881-5

Differential binding of folates by rat renal cortex brush border and basolateral membrane preparations. Corrocher R, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):73-84

ANALYSIS

Effect of storage time and temperature on folacin and vitamin C levels in term and preterm human milk. Bank MR, et al. **Am J Clin Nutr** 1985 Feb;41(2):235-42

Vitamin B6, vitamin C and folacin levels in milk from mothers of term and preterm infants during the neonatal period. Udipi SA, et al. **Am J Clin Nutr** 1985 Sep; 42(3):522-30

Effect of chronic phenobarbital treatment on folates and one-carbon enzymes in the rat. Carl GF, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3457-63

An algorithm for correcting observed count rates for cross-talk between counting channels in combined vitamin B12 and folate radioassays. Ryall RG, et al. **Clin Chim Acta** 1985 Feb 28;146(1):93-5

Determination of folacin in foods and other biological materials. Gregory JF 3d. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):1015-9

Determination of folylpoly-gamma-glutamate carboxypeptidase (folacin conjugase) activity using reversed-phase high-performance liquid chromatography. Day BP, et al. **J Chromatogr** 1985 Jan 18;318(2):387-92

BLOOD

Maternal serum folate and vitamin B12 concentrations in pregnancies associated with neural tube defects. Molloy AM, et al. **Arch Dis Child** 1985 Jul;60(7):660-5

Body iron reserves of rural and urban Guatemalan women of reproductive age. Franzetti S, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):69-82

Vitamin B12 (cobalamin) and folate blood levels in geriatric reference group as measured by two kits. Hayes AN, et al. **Clin Biochem** 1985 Feb;18(1):56-61

Two radioassays for serum vitamin B12 and folate determination compared in a reference interval study. Christenson RH, et al. **Clin Chem** 1985 Aug;31(8):1358-60

Impact of methotrexate therapy on the folate status of psoriatic patients. Hendel J, et al. **Clin Exp Dermatol** 1985 Jan;10(1):30-5

Anticonvulsants, folic acid and memory dysfunction in epileptics. Butlin AT, et al. **Clin Exp Neurol** 1984;20:57-62

Quantitative and qualitative effects of N10-methylfolate on high-affinity folate binding in human leukocytes. Holm J, et al. **Int J Vitam Nutr Res** 1984;54(2-3):195-7

Folate and vitamin B12 status in a healthy elderly population. Garry PJ, et al. **J Am Geriatr Soc** 1984 Oct;32(10):719-26

Evaluation of a commercial radioassay for the simultaneous estimation of vitamin B12 and folate, with subsequent derivation of the normal reference range. Raniolo E, et al. **J Clin Pathol** 1984 Dec;37(12):1327-35

Serum and red blood cell folate levels in parturients, in the intervillous space of the placenta and in full-term newborns. Giugliani ER, et al. **J Perinat Med** 1985; 13(2):55-9

Folate levels in patients with ulcerative colitis receiving sulphasalazine. Schoeman M, et al. **S Afr Med J** 1984 Sep 15;66(11):415

[Subclinical alcoholic optic neuritis without vitamin deficiency] Dally S, et al. **J Fr Ophtalmol** 1985;8(4):345-8 (Eng. Abstr.) **(Fre)**

[Evaluation of the folacin status in children with regard to the cobalamin and iron status. 1. Changes in the differential blood picture as a function of the vitamin and ferritin levels of the serum vs. erythrocytes] Hages M, et al. **Int J Vitam Nutr Res** 1985;55(1):59-67 (Eng. Abstr.) **(Ger)**

[Behavior of blood folate in children with thalassemia major under transfusion therapy and in thalassemia trait] Castagna PC, et al. **Acta Vitaminol Enzymol** 1984;6(3):183-8 (Eng. Abstr.) **(Ita)**

[Basic and clinical studies on the simultaneous measurement of serum and red blood cell folate and serum vitamin B12 concentrations using Corning vitamin B12 [57Co]/folate [125I] radioassay kit] Kihara K, et al. **Kaku Igaku** 1985 Feb;22(2):233-44 **(Jpn)**

[Folic acid and vitamin B 12 levels in the blood of healthy pregnant women and in patients with anemia of various degrees of severity] Ergina TP. **Akush Ginekol (Mosk)** 1984 Dec;(12):25-7 (Eng. Abstr.) **(Rus)**

CEREBROSPINAL FLUID

A high-affinity folate binding protein in human cerebrospinal fluid. Hansen SI, et al. **Acta Neurol Scand** 1985 Feb; 71(2):133-5

Cerebrospinal fluid folate and cobalamin levels in febrile convulsion. Osifo BO, et al. **J Neurol Sci** 1985 May; 68(2-3):185-90

[Kearns-Sayre syndrome with reduced cerebrospinal fluid folic acid] Okamato T, et al. **Rinsho Shinkeigaku** 1985 Apr; 25(4):412-9 (Eng. Abstr.) **(Jpn)**

ISOLATION & PURIFICATION

Endogenous folate of normal fibroblasts using high-performance liquid chromatography and modified extraction procedure. Kashani SA, et al. **Anal Biochem** 1985 Apr;146(1):40-7

METABOLISM

The metabolism of [3H] pteroylglutamic acid in rat liver during regeneration after partial hepatectomy. Bovina C, et al. **Acta Vitaminol Enzymol** 1984;6(4):283-8

Transition from a hunter-gatherer to a settled lifestyle in the !Kung San: effect on iron, folate, and vitamin B12 nutrition. Fernandes-Costa FJ, et al. **Am J Clin Nutr** 1984 Dec;40(6):1295-303

Serum vitamin B12 levels in parturients, in the intervillous space of the placenta and in full-term newborns and their interrelationships with folate levels. Giugliani ER, et al. **Am J Clin Nutr** 1985 Feb;41(2):330-5

Folate metabolism and chromosomal stability in the fragile X syndrome. Branda RF, et al. **Am J Med** 1984 Oct; 77(4):602-11

Vitamin B12-folate interrelationships. Shane B, et al. **Annu Rev Nutr** 1985;5:115-41 (119 ref.)

The effects of vitamin A deficiency on hepatic folate metabolism in rats. Fell D, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):843-50

Covalent binding of folic acid to dimethylglycine dehydrogenase. Wagner C, et al. **Arch Biochem Biophys** 1984 Sep;233(2):457-61

Association of folate molecules as determined by proton NMR: implications on enzyme binding. Khaled MA, et al. **Biochem Biophys Res Commun** 1985 Aug 15; 130(3):1273-80

Folate metabolism, the enterohepatic circulation and alcohol. Weir DG, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):1-7 (123 ref.)

Evidence that the folate-requiring enzymes of de novo purine biosynthesis are encoded by individual mRNAs. Wasserman GF, et al. **Biochemistry** 1984 Dec 18; 23(26):6704-10

Cobalamin-folate interrelations: a critical review. Chanarin I, et al. **Blood** 1985 Sep;66(3):479-89 (117 ref.)

Extent of the requirement for folate transport by L1210 cells for growth and leukemogenesis in vivo. Sirotnak FM, et al. **Cancer Res** 1985 Oct;45(10):4732-4

Obligate genetic expression in tumor cells of a fetal membrane property mediating 'folate' transport: biological significance and implications for improved therapy of human cancer. Sirotnak FM. **Cancer Res** 1985 Sep; 45(9):3992-4000 (90 ref.)

Effects of nitrous oxide on maternal and embryonic folate metabolism in rats. Hansen DK, et al. **Dev Pharmacol Ther** 1985;8(1):43-54

Interactions between folate metabolism, phenytoin metabolism, and liver microsomal cytochrome P450. Billings RE. **Drug Nutr Interact** 1984;3(1):21-32

Intestinal folate conjugase activity and folate absorption in the ethanol-fed pregnant rat. Leichter J, et al. **Drug Nutr Interact** 1984;3(1):53-9

Drugs and folate metabolism. Lambie DG, et al. **Drugs** 1985 Aug;30(2):145-55 (128 ref.)

Congenital folate malabsorption. Corbeel L, et al. **Eur J Pediatr** 1985 Mar;143(4):284-90

The uptake of [3H] pteroylglutamic acid into rat liver during regeneration and its incorporation into pteroylpolyglutamates of that organ. Marchetti M, et al. **Int J Vitam Nutr Res** 1985;55(1):53-8

Folic acid deficiency in the elderly. Marcus DL, et al. **J Am Geriatr Soc** 1985 Aug;33(8):552-8 (56 ref.)

Kinetic evidence for two interconvertible forms of the folate transport protein from Lactobacillus casei. Henderson GB, et al. **J Bacteriol** 1985 Sep;163(3):1147-52

Cobalamin and folate binding proteins in human tumour tissue. Sheppard K, et al. **J Clin Pathol** 1984 Dec;

37(12):1336-8

Folate deficiency and in vitro palatogenesis II: Effects of methotrexate on rabbit palate fusion, folate pools, and dihydrofolate reductase activity. DePaola DP, et al. **J Craniofac Genet Dev Biol** 1984;4(4):321-7

Effect of age on poly- and monoglutamyl folacin absorption in human subjects. Bailey LB, et al. **J Nutr** 1984 Oct; 114(10):1770-6

Intestinal absorption of thiamin in man compared with folate and pyridoxal and its subsequent urinary excretion. Davis RE, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Oct; 30(5):475-82

Ethanol and fetal nutrition: effect of chronic ethanol exposure on rat placental growth and membrane-associated folic acid receptor binding activity. Fisher SE, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):645-9

Alteration of bone marrow cell cycle kinetics by diphenylhydantoin: relationship to folate utilization and immune function. Tucker AN, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):57-62

Differential binding of folates by rat renal cortex brush border and basolateral membrane preparations. Corrocher R, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):73-84

Fetal hydantoin syndrome: inhibition of placental folic acid transport as a potential mechanism for fetal growth retardation in the rat. Will M, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr;48(1):91-8

Phenytoin teratogenicity and effects on embryonic and maternal folate metabolism. Hansen DK, et al. **Teratology** 1985 Jun;31(3):363-71

PHARMACODYNAMICS

Folate and cAMP modulate GTP binding to isolated membranes of Dictyostelium discoideum. Functional coupling between cell surface receptors and G-proteins. De Wit RJ, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):11-7

A folate sensitive heritable fragile site at 19p13. Tommerup N, et al. **Clin Genet** 1985 May;27(5):510-4

Folic acid sensitive fragile sites are not limited to the human karyotype. Demonstration of nonrandom gaps and breaks in the Persian vole Ellobius lutescens Th. inducible by methotrexate, fluorodeoxyuridine, and aphidicolin. Djalali M, et al. **Hum Genet** 1985;70(2):183-5

Folic acid and reproductive performances of sows. Matte JJ, et al. **J Anim Sci** 1984 Oct;59(4):1020-5

Effect of folic acid on the pharmacokinetics of acutely administered phenytoin in pregnant and nonpregnant rats. Chou RC, et al. **J Pharm Sci** 1984 Aug;73(8):1180-2

Antagonism of sulfadoxine and pyrimethamine antimalarial activity in vitro by p-aminobenzoic acid, p-aminobenzoylglutamic acid and folic acid. Watkins WM, et al. **Mol Biochem Parasitol** 1985 Jan;14(1):55-61

Heat- and alcohol-induced neural tube defects: interactions with folate in a golden hamster model. Graham JM Jr, et al. **Pediatr Res** 1985 Feb;19(2):247-51

[Niacin metabolism in the rat after administration of large doses of folic acid] Beraia IG. **Vopr Pitan** 1984 Sep-Oct; (5):36-8 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Folic acid and chromosome breakage. II. A methionine effect similar to that in fragile X expression. Reidy JA, et al. **Hum Genet** 1984;68(2):189-90

[Folic acid and pregnancy] Rachev E. **Akush Ginekol (Sofiia)** 1984;23(5):375-81 (38 ref.) **(Bul)**

THERAPEUTIC USE

Folic acid blinded trial in identical twins with fragile X syndrome. Rosenblatt DS, et al. **Am J Hum Genet** 1985 May;37(3):543-52

Effect of folic acid treatment in the fragile X syndrome. Gustavson KH, et al. **Clin Genet** 1985 May;27(5):463-7

Effect of folic acid supplementation on congenital malformations due to anticonvulsive drugs. Biale Y, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Nov;18(4):211-6

An effective intervention to reduce the prevalence of anaemia in children. Seshadri S, et al. **Indian J Med Res** 1984 Aug; 80:164-73

The effect of hematinics on the physical work capacity in anemics. Seshadri S, et al. **Indian Pediatr** 1984 Jul; 21(7):529-33

Prevention of thrombocytic defects in the br/br rabbit with folic acid and vitamin B12: analogy with the T.A.R. syndrome in humans. Boucher-Ehrensperger M, et al. **Int J Vitam Nutr Res** 1984;54(2-3):199-203

Folate mouthwash: effects on established gingivitis in periodontal patients. Pack AR. **J Clin Periodontol** 1984 Oct; 11(9):619-28

Haemopoietic response of Nigerian village children to iron, folate supplementation and malaria prophylaxis. Akenzua GI, et al. **J Trop Pediatr** 1985 Feb;31(1):59-62

Prevention of neural tube defects by improvement in maternal diet and preconceptional folic acid supplementation. Laurence KM. **Prog Clin Biol Res** 1985; 163B:383-8

[Trial of folic acid treatment in fragile X syndrome] Lejeune J, et al. **Ann Genet (Paris)** 1984;27(4):230-2 (Eng. Abstr.) **(Fre)**

[Preliminary evaluation of the treatment with folic acid in 2 patients with sex-linked mental retardation and macroorchidism] Lacassie Y, et al. **Rev Med Chil** 1984 May; 112(5):469-73 (Eng. Abstr.) **(Spa)**

TOXICITY

Acute toxicity of folic acid in mice. Parchure M, et al. **Experientia** 1985 Jan 15;41(1):72-3

URINE

Acute ethanol ingestion by humans and subacute treatment of rats increase urinary folate excretion. McMartin KE, et al. **Alcohol** 1985 May-Jun;2(3):473-7

FOLIC ACID ANTAGONISTS

BLOOD

7-Hydroxy-methotrexate and clinical toxicity following high-dose methotrexate therapy. Erttmann R, et al. **J Cancer Res Clin Oncol** 1985;109(1):86-8

CHEMICAL SYNTHESIS

Synthesis and evaluation of 2,4-diaminoquinazoline antifolates with activity against methotrexate-resistant human tumor cells. Schornagel JH, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3251-5

Folate antagonists. 22. Antimalarial and antibacterial effects of 2,4-diamino-6-quinazolinesulfonamides. Elslager EF, et al. **J Med Chem** 1984 Dec;27(12):1740-3

Syntheses and evaluation as antifolates of MTX analogues derived from 2, omega-diaminoalkanoic acids. Piper JR, et al. **J Med Chem** 1985 Aug;28(8):1016-25

METABOLISM

The clinical pharmacokinetics of the novel antifolate N10-propargyl-5,8-dideazafolic acid (CB 3717). Alison DL, et al. **Cancer Chemother Pharmacol** 1985;14(3):265-71

Comparison of leucovorin protection from variety of antifolates in human lymphoid cell lines. Browman GP, et al. **Cancer Chemother Pharmacol** 1985;15(2):111-4

Characteristics of the formation and membrane transport of 7-hydroxymethotrexate in freshly isolated rabbit hepatocytes. Fabre G, et al. **Cancer Res** 1985 Mar; 45(3):1086-91

Folate analogues as substrates of mammalian folylpolyglutamate synthetase. Schoo MM, et al. **Cancer Res** 1985 Jul;45(7):3034-41

Similar characteristics of folate analogue transport in vitro in contrast to varying dihydrofolate reductase levels in epithelial cells at different stages of maturation in mouse small intestine. Sirotnak FM, et al. **Cancer Res** 1984 Nov; 44(11):5204-11

Structural features of 4-amino antifolates required for substrate activity with mammalian folylpolyglutamate synthetase. Moran RG, et al. **Mol Pharmacol** 1985 Jan; 27(1):156-66

Inhibition of metabolism of the 'nonclassical' antifolate, trimetrexate (2,4-diamino-5-methyl-6-[(3,4,5-trimethoxyanilino)methy by drugs containing an imidazole moiety. Heusner JJ, et al. **Pharmacology** 1985;30(5):266-72

PHARMACODYNAMICS

Antifolate-induced misincorporation of deoxyuridine monophosphate into DNA by cells from patients with the fragile X syndrome. Wang JC, et al. **Am J Med Genet** 1985 Aug;21(4):691-6

In vitro activities of and mechanisms of resistance to antifol antimalarial drugs. Milhous WK, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):525-30

Bacterial resistance to antifolate chemotherapeutic agents mediated by plasmids. Smith JT, et al. **Br Med Bull** 1984 Jan;40(1):42-6 (45 ref.)

Paradoxical effect of BW 301U, a lipophilic antifolate, on methotrexate-inhibitable deoxyuridine incorporation by human hematopoietic cells. Iland HJ, et al. **Cancer Res** 1985 Aug;45(8):3962-8

Selective toxicity of a new lipophilic antifolate, BW301U, for methotrexate-resistant cells with reduced drug uptake. Taylor IW, et al. **Cancer Res** 1985 Mar;45(3):978-82

Trimetrexate: a new antifol entering clinical trials. O'Dwyer PJ, et al. **Invest New Drugs** 1985;3(1):71-5

Dihydrofolate reductase. The stereochemistry of inhibitor selectivity. Matthews DA, et al. **J Biol Chem** 1985 Jan 10;260(1):392-9

Biological effects of folic acid antagonists with antineoplastic activity. Jackson RC. **Pharmacol Ther** 1984;25(1):61-82 (139 ref.)

Design of anticancer drugs: computer graphic analysis of dihydrofolate reductase inhibitors. Cody V. **Prog Clin Biol Res** 1985;172B:275-84

THERAPEUTIC USE

Phase II trial of 10-deazaaminopterin for advanced hypernephroma. Scher HI, et al. **Anticancer Res** 1984 Nov-Dec;4(6):409-10

New folate analogs of the 10-deaza-aminopterin series: markedly increased antitumor activity of the 10-ethyl analog compared to the parent compound and methotrexate against some human tumor xenografts in nude mice. Schmid FA, et al. **Cancer Treat Rep** 1985 May;69(5):551-3

TOXICITY

Formation of 7-hydroxymethotrexate polyglutamyl derivatives and their cytotoxicity in human chronic myelogenous leukemia cells, in vitro. Fabre G, et al. **Cancer Res** 1985 Jan;45(1):80-5

Cytotoxic effects of folate antagonists against methotrexate-resistant human leukemic lymphoblast CCRF-CEM cell lines. Mini E, et al. **Cancer Res** 1985 Jan;45(1):325-30

FOLIC ACID DEFICIENCY

see related
ANEMIA, SIDEROBLASTIC

BLOOD

Plasma cobalamin-binding and serum cobalamin in patients with folate deficiency. Lewis MJ, et al. **Scand J Haematol** 1985 Feb;34(2):191-5

[Evaluation of the folacin status in children with regard to the cobalamin and iron status. 2. Incidence and severity of folate deficiency] Hages M, et al. **Int J Vitam Nutr Res** 1985;55(1):69-77 (Eng. Abstr.) **(Ger)**

[Evaluation of the folacin status in children with regard to the cobalamin and iron status. 1. Changes in the differential blood picture as a function of the vitamin and ferritin levels of the serum vs. erythrocytes] Hages M, et al. **Int J Vitam Nutr Res** 1985;55(1):59-67 (Eng. Abstr.) **(Ger)**

CHEMICALLY INDUCED

Drug-vitamin interaction. Basu TK. **Int Z Vitam Ernahrungsforsch [Beih]** 1985;27:247-58 (66 ref.)

[Trimethoprim does not cause folic acid deficiency] Pelliniemi TT, et al. **Duodecim** 1984;100(23-24):1618-23 (Eng. Abstr.) **(Fin)**

[Folic acid deficiency caused by chronic anticonvulsive treatment. Analysis in a series of 100 epileptic patients] Bermejo F, et al. **Med Clin (Barc)** 1985 Jun 1;85(1):6-12 (Eng. Abstr.) **(Spa)**

COMPLICATIONS

The role of the case-control study in evaluating health interventions. Vitamin supplementation and neural tube defects. Rhoads GG, et al. **Am J Epidemiol** 1984 Dec; 120(6):803-8 (32 ref.)

Megaloblastic anaemia masking polycythaemia rubra vera. Joyner MV, et al. **Br J Clin Pract** 1984 Jul-Aug; 38(7-8):280-1

Folate and vitamin B12 deficiency among parturients from Porto Alegre, Brazil. Giugliani ER, et al. **Rev Invest Clin** 1984 Apr-Jun;36(2):133-6

Red cell basic ferritin content of patients with megaloblastic anaemia due to vitamin B12 or folate deficiency. van der Weyden MB, et al. **Scand J Haematol** 1984 Oct;33(4):373-7

CONGENITAL

Congenital folate malabsorption. Corbeel L, et al. **Eur J Pediatr** 1985 Mar;143(4):284-90

EMBRYOLOGY

Folate deficiency and in vitro palatogenesis II: Effects of methotrexate on rabbit palate fusion, folate pools, and dihydrofolate reductase activity. DePaola DP, et al. **J Craniofac Genet Dev Biol** 1984;4(4):321-7

ETIOLOGY

Folic acid deficiency in intensive care [letter] Leahy MF, et al. **Aust NZ J Med** 1984 Dec;14(6):863-4

Haemopoietic nutrient status of young nulliparous women. Wickham CP, et al. **Ir J Med Sci** 1985 Feb;154(2):51-8

FAMILIAL & GENETIC

Nonrandom distribution of methotrexate-induced aberrations on human chromosomes. Detection of further folic acid sensitive fragile sites. Barbi G, et al. **Hum Genet** 1984; 68(4):290-4

Vitamin B12 & folic acid deficiency in beta-heterozygous thalassaemia. Saraya AK, et al. **Indian J Med Res** 1984 Jun;79:783-8

IMMUNOLOGY

An in vitro approach to study innate resistance to Plasmodium falciparum infection in folic acid deficient individuals. Brockelman CR, et al. **Asian Pac J Allergy Immunol** 1983 Dec;1(2):107-11

METABOLISM

Folic acid deficiency in the elderly. Marcus DL, et al. **J Am Geriatr Soc** 1985 Aug;33(8):552-8 (56 ref.)

OCCURRENCE

[Folic acid deficiency among the adult population (epidemiology, pathogenesis, clinical picture and prevention)] Efremov VV. **Vopr Pitan** 1984 Sep-Oct;

(5):7-11 (26 ref.) **(Rus)**

PATHOLOGY

Profound postinitiation enhancement by short-term severe methionine, choline, vitamin B12, and folate deficiency of hepatocarcinogenesis in F344 rats given a single low-dose diethylnitrosamine injection. Hoover KL, et al. **JNCI** 1984 Dec;73(6):1327-36

PHYSIOPATHOLOGY

Effect of lead acetate on rats fed diets containing low levels of folic acid. Rader JI, et al. **Drug Nutr Interact** 1982; 1(2):131-42

Folate deficiency and pancreatic acinar cell function. Elseweidy M, et al. **Proc Soc Exp Biol Med** 1984 Nov; 177(2):247-52

PREVENTION & CONTROL

Recommended Dietary Allowances (RDA) for folacin. An example of interpretive nutrition. Rosenberg IH, et al. **Ala J Med Sci** 1984 Oct;21(4):394-6

FOLIC ACID REDUCTASE see **TETRAHYDROFOLATE DEHYDROGENASE**

FOLIE A DEUX see **SHARED PARANOID DISORDER**

FOLINIC ACID see **CITROVORUM FACTOR**

FOLK MEDICINE see **MEDICINE, TRADITIONAL**

FOLKLORE

Little people, images, and child health. Olness KN. **Am J Clin Hypn** 1985 Jan;27(3):169-74

Vampirism—legendary or clinical phenomenon? Prins H. **Med Sci Law** 1984 Oct;24(4):283-93

[Proverbs, tales and legends related to snakes and human and animal ophidism] Esteso SC. **Rev Fac Cien Med Univ Nac Cordoba** 1983;41(2):50-5 **(Spa)**

FOLLICLE-STIMULATING HORMONE see **FSH**

FOLLICULAR ATRESIA see under **FOLLICULAR PHASE**

FOLLICULAR PHASE

Preliminary results on the scanning electron microscopic structure of infertile human cervical mucus. Faccioli G. **Acta Eur Fertil** 1984 Sep-Oct;15(5):381-5

Monitoring of follicular growth for I.V.F.-E.T. programme: the value of E2 assay and echography. Gullo D, et al. **Acta Eur Fertil** 1984 May-Jun;15(3):217-23

Pregnancy-associated plasma protein-A (PAPP-A) in preovulatory, nonovulatory healthy, and atretic human ovarian follicles during the natural cycle. Westergaard L, et al. **Ann NY Acad Sci** 1985;442:205-11

Reduced in-vitro fertilization of human oocytes from patients with raised basal luteinizing hormone levels during the follicular phase. Stanger JD, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):385-93

Prolonged follicular phase and depressed gonadotrophins following hysterectomy and corpus lute-ectomy in women with premenstrual tension syndrome. Bäckström T, et al. **Clin Endocrinol (Oxf)** 1985 Jun;22(6):723-32

Variation in osmoregulation of arginine vasopressin during the human menstrual cycle. Spruce BA, et al. **Clin Endocrinol (Oxf)** 1985 Jan;22(1):37-42

Pituitary alpha-subunit messenger ribonucleic acid remains elevated during the latter stages of the preovulatory luteinizing hormone surge. Landefeld T, et al. **Endocrinology** 1985 Sep;117(3):934-8

Ultrasonic preovulatory follicular appearances as an indicator of the outcome of an in vitro fertilization cycle. Roberts AB, et al. **Fertil Steril** 1985 Apr;43(4):560-4

Effect of follicular atresia on in vitro uptake of acetate-1-14C by granulosa cells of preovulatory follicles in rat ovary. Parshad RK, et al. **Indian J Exp Biol** 1984 Dec;22(12):635-6

Human preovulatory follicular fluid: the lipids. Are they the trigger for capacitation? Menezo Y, et al. **Int J Fertil** 1984; 29(2):61-4

Effects of metoclopramide-induced hyperprolactinemia during early follicular development on human ovarian function. Kauppila A, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):875-81

Nocturnal slowing of pulsatile luteinizing hormone secretion in women during the follicular phase of the menstrual cycle. Soules MR, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):43-9

Adenosine 3',5'-monophosphate levels in human follicular fluid: relationship to oocyte maturation and achievement of pregnancy after in vitro fertilization. Tarlatzis BC, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1111-5

Changes in aromatase activity in small ovarian follicles of the domestic fowl (Gallus domesticus) during growth and atresia. Armstrong DG. **J Endocrinol** 1985 Jun; 105(3):297-301

Changes in oestrogen-synthesizing ability of preovulatory bovine follicles relative to the peak of LH. Dieleman SJ, et al. **J Reprod Fertil** 1984 Nov;72(2):487-94

Meiotic competence in vitro of pig oocytes isolated from early antral follicles. Motlik J, et al. **J Reprod Fertil** 1984 Nov;72(2):323-8

Rate and course of atresia during follicular development in the adult cyclic rat. Osman P. **J Reprod Fertil** 1985 Jan; 73(1):261-70

Effect of LH on progesterone and oestradiol production in vivo and in vitro by preovulatory rat follicles. Uilenbroek JT. **J Reprod Fertil** 1985 May;74(1):303-10

Follicular atresia in relation to oocyte morphology in non-pregnant and pregnant women. Westergaard L. **J Reprod Fertil** 1985 May;74(1):113-8

Influence of follicular atresia on LH-induced cAMP and steroid synthesis by bovine thecae interna. McNatty KP, et al. **Mol Cell Endocrinol** 1985 Mar;39(3):209-15

Experimental approaches to atresia in mammals. Tsafriri A, et al. **Oxf Rev Reprod Biol** 1984;6:226-65 (270 ref.)

[Echographic control of follicular growth to obtain human preovulatory ova in a stimulated cycle] Todorov I. **Akush Ginekol (Sofiia)** 1984;23(6):468-74 (Eng. Abstr.) **(Bul)**

[Initial results of in vitro fertilization and cultivation of human preovulatory ova in sterile women] Todorov S, et al. **Akush Ginekol (Sofiia)** 1984;23(6):463-8 (Eng. Abstr.) **(Bul)**

[Experience in primary ovarian failure] Venegas Canelo E, et al. **Rev Chil Obstet Ginecol** 1984;49(1):1-14 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Does dihydrotestosterone induce atresia in the hypophysectomized immature female rat treated with pregnant mare's serum gonadotropin? Kohut JK, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):250-5

Induced follicular atresia in rhesus monkeys: strength-duration relationships of the estrogen stimulus. Dierschke DJ, et al. **Endocrinology** 1985 Oct; 117(4):1397-1403

Ablation of folliculogenesis in women by a single dose of gonadotropin-releasing hormone agonist: significance of time in cycle. Monroe SE, et al. **Fertil Steril** 1985 Mar; 43(3):361-8

Follicular-phase response in two clomiphene-human menopausal gonadotropin regimes for an in vitro fertilization program. Ng SC, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):94-8

[Effect of ACTH on the corticosteroid and progesterone levels in female hamadryas baboons in relation to the menstrual cycle phase] Todua TN, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):135-7 (Eng. Abstr.) **(Rus)**

FOLLICULITIS

CHEMICALLY INDUCED

[Effect of industrial oils of Apsheron on the sebaceous-hair system of the skin in workers] Gusein-Zade KM, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):55-8 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Acne keloidalis. Ofodile FA. **East Afr Med J** 1984 Aug; 61(8):637-40

DRUG THERAPY

Perifolliculitis capitis abscedens et suffodiens (Hoffman). Complete healing associated with oral zinc therapy. Berne B, et al. **Arch Dermatol** 1985 Aug;121(8):1028-30

Eosinophilic pustular folliculitis (Ofuji's disease) with response to dapsone therapy. Steffen C. **Arch Dermatol** 1985 Jul;121(7):921-3

Treatment of gram-negative folliculitis with isotretinoin: positive clinical and microbiologic response. James WD, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):319-24

ETIOLOGY

Superficial and systemic illness related to a hot tub. Kosatsky T, et al. **Am J Med** 1985 Jul;79(1):10-2

Pseudomonas aeruginosa O-11 folliculitis. Development into ecthyma gangrenosum in immunosuppressed patients. El Baze P, et al. **Arch Dermatol** 1985 Jul;121(7):873-6

Gram-negative folliculitis. Follow-up observations in 20 patients. Blankenship ML. **Arch Dermatol** 1984 Oct; 120(10):1301-3

Actinic superficial folliculitis; a new entity? Nieboer C. **Br J Dermatol** 1985 May;112(5):603-6

Pseudomonas aeruginosa and whirlpools [editorial] Brett J, et al. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1024-5

Malassezia folliculitis in immunocompromised patients. Yohn JJ, et al. **Cutis** 1985 Jun;35(6):536-8

Disseminated candidiasis with extensive folliculitis in abusers of brown Iranian heroin. Calandra T, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):340-2

IMMUNOLOGY

Ofuji's disease: high circulating titers of IgG and IgM directed to basal cell cytoplasm. Nunzi E, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):268-73

MICROBIOLOGY

Pityrosporum folliculitis: a common disease of the young and middle-aged. Bäck O, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):56-61

OCCURRENCE

Recreationally associated Pseudomonas aeruginosa folliculitis. Report of an epidemic. Fox AB, et al. **Arch Dermatol** 1984 Oct;120(10):1304-7

Pseudomonas dermatitis associated with a swimming pool. Thomas P, et al. **JAMA** 1985 Feb 22;253(8):1156-9

PATHOLOGY

Eosinophilic pustular folliculitis. Report of two cases with a review of the Japanese literature. Takematsu H, et al. **Arch Dermatol** 1985 Jul;121(7):917-20

Pityrosporum folliculitis. Jillson OF. **Cutis** 1985 Mar; 35(3):226-7

Follicular and perforating disorders. Golitz L. **J Cutan Pathol** 1985 Jun-Aug;12(3-4):282-8

Lupoid sycosis with extensive mutilations (an instance of therapeutic helplessness). Reddy BS, et al. **J Dermatol (Tokyo)** 1984 Aug;11(4):397-402

Dermatitis cruris pustulosa et atrophicans: case reports. Ting HC. **Med J Malaysia** 1984 Mar;39(1):82-4

Eosinophilic pustular folliculitis in infancy. Lucky AW, et al. **Pediatr Dermatol** 1984 Jan;1(3):202-6

[Mucinosis follicularis. Histologic and electron microscopy studies] Grussendorf-Conen EI, et al. **Hautarzt** 1984 Aug; 35(8):408-14 (Eng. Abstr.) **(Ger)**

THERAPY

A Pseudofolliculitis Barbae clinic for the black male who has to shave. Galaznik JG. **J Am Coll Health** 1984 Dec; 33(3):126-7

FOLLICULOSTATIN see **INHIBIN**

FOLLOW-UP STUDIES

Analysis of follow-up data [editorial] Seigel D. **Arch Ophthalmol** 1985 May;103(5):647-8

The effect of additional follow-up and accrual on survival time data. Brookmeyer R, et al. **Biometrics** 1985 Mar; 41(1):129-36

Estimation of a common effect parameter from sparse follow-up data. Greenland S, et al. **Biometrics** 1985 Mar; 41(1):55-68

On pooling across strata when frequency matching has been followed in a cohort study. Weinberg CR. **Biometrics** 1985 Mar;41(1):117-27

A follow-up and case tracing exercise. Levy LM, et al. **Cent Afr J Med** 1985 Mar;31(3):49-52

Consideration of covariates and stratification in sample size determination for survival time studies. Palta M, et al. **J Chronic Dis** 1985;38(9):801-9

FOMINOBEN see under **MORPHOLINES**

FOMOCAIN see under **PHENYL ETHERS**

FOOD

see related
DIET
PLANTS, EDIBLE

Effects of previous intake of glucose on postprandial hyperglycemia in type 2 diabetics. Grill V, et al. **Acta Med Scand** 1985;217(1):41-5

Estriol: absorption after long-term vaginal treatment and gastrointestinal absorption as influenced by a meal. Heimer G, et al. **Acta Obstet Gynecol Scand** 1984;63(6):563-7

Some reflections on trace elements in paediatrics. Söderhjelm L. **Acta Paediatr Scand** 1985 Jan;74(1):17-9

Nutritional and toxicological aspects of food safety. **Adv Exp Med Biol** 1984;177:1-584

Energy depot replenishment in rats during refeeding after fasting: effect of exercise. Presta E, et al. **Am J Clin Nutr** 1984 Nov;40(5):1011-6

Thermic effect of food during graded exercise in normal weight and obese men. Segal KR, et al. **Am J Clin Nutr** 1984 Nov;40(5):995-1000

Food physical factors have different metabolic effects in nondiabetics and diabetics. Simpson RW, et al. **Am J Clin Nutr** 1985 Sep;42(3):462-9

Effective in vivo hydrolysis of milk lactose by beta-galactosidases in the presence of solid foods. Solomons NW, et al. **Am J Clin Nutr** 1985 Feb;41(2):222-7

Dietary manipulation of postprandial colonic lactose fermentation: I. Effect of solid foods in a meal. Solomons NW, et al. **Am J Clin Nutr** 1985 Feb;41(2):199-208

Plasma glutamate concentrations in adult subjects ingesting monosodium L-glutamate in consomme. Stegink LD, et al. **Am J Clin Nutr** 1985 Aug;42(2):220-5

Long-term evolution of the effect of bran ingestion on meal-induced glucose and insulin responses in healthy men. Villaume C, et al. **Am J Clin Nutr** 1984 Nov;40(5):1023-6

Effect of age, malnutrition and renutrition on free secretory component and IgA in secretions. Watson RR, et al. **Am J Clin Nutr** 1985 Aug;42(2):281-8

Metabolic responses to a meal during rest and low-intensity exercise. Welle S. **Am J Clin Nutr** 1984 Nov;40(5):990–4

Gallbladder dynamics in response to various meals: is dietary fat restriction necessary in the management of gallstones? Mogadam M, et al. **Am J Gastroenterol** 1984 Oct; 79(10):745–7

Diabetic gastroparesis: an abnormality of gastric emptying of solids. Wright RA, et al. **Am J Med Sci** 1985 Jun; 289(6):240–2

Thermic effect of food after ingested versus tube-delivered meals. Hill JO, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E370–4

Hepatic handling of pancreatic glucagon and glucose during meals in rats. Langhans W, et al. **Am J Physiol** 1984 Nov; 247(5 Pt 2):R827–32

Role of palatability on meal-induced thermogenesis in human subjects. LeBlanc J, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E333–6

Postprandial regulation of renal hemodynamics. role of pancreatic glucagon. Premen AJ, et al. **Am J Physiol** 1985 May;248(5 Pt 2):F656–62

Immunochemistry of food antigens. Gjesing B, et al. **Ann Allergy** 1984 Dec;53(6 Pt 2):602–8 (14 ref.)

Macromolecular absorption of food antigens in health and disease. Reinhardt MC. **Ann Allergy** 1984 Dec;53(6 Pt 2):597–601 (35 ref.)

Stroke mortality and proportional expenditure on selected food items in Japanese communities. Hatano S, et al. **Ann Clin Res** 1984;16 Suppl 43:163–9

Food injuries [letter] Neal JM, et al. **Ann Emerg Med** 1985 Mar;14(3):277

Naturally occurring anticarcinogenic substances in foodstuffs. Fiala ES, et al. **Annu Rev Nutr** 1985;5:295–321 (155 ref.)

Effect of standard breakfast on drug absorption and multiple-dose pharmacokinetics of ciprofloxacin. Ledergerber B, et al. **Antimicrob Agents Chemother** 1985 Mar;27(3):350–2

Anticipatory salivary flow to the sight of different foods. Christensen CM, et al. **Appetite** 1984 Dec;5(4):307–15

Effects of information about specific nutrient content on ratings of 'goodness' and 'pleasantness' of common foods. Eiser JR, et al. **Appetite** 1984 Dec;5(4):349–59

Pleasantness changes and food intake in a varied four-course meal. Rolls BJ, et al. **Appetite** 1984 Dec;5(4):337–48

Distribution of particle sizes in food comminuted by human mastication. Olthoff LW, et al. **Arch Oral Biol** 1984; 29(11):899–903

Food nutrient interactions. Mermelstein NH. **ASDC J Dent Child** 1985 May–Jun;52(3):203–6

School canteen menus in metropolitan Adelaide. Dooland MB, et al. **Aust Dent J** 1984 Aug;29(4):230–3

Effect of feed and water deprivation or force-feeding on plasma prolactin concentration in turkey hens. Zadworny D, et al. **Biol Reprod** 1985 Mar;32(2):241–7

The effect of food and antacid on the absorption of fendosal. Wills RJ, et al. **Biopharm Drug Dispos** 1985 Jan–Mar; 6(1):43–50

Investigation of drug absorption from the gastrointestinal tract of man. IV. Influence of food and digestive secretions on metoprolol jejunal absorption. Evard D, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:119S–125S

Influence of food intake on plasma oxprenolol concentrations following oral administration of conventional and Oros preparations. John VA, et al. **Br J Clin Pharmacol** 1985; 19 Suppl 2:191S–195S

The effect of food on the oral absorption of isosorbide-5-mononitrate. Laufen H, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):967–8

Influence of food on the absorption of metoprolol administered as an Oros drug delivery system to man. Lecaillon JB, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:245S–249S

Influence of food and reduced gastric acidity on the bioavailability of bacampicillin and cefuroxime axetil. Sommers DK, et al. **Br J Clin Pharmacol** 1984 Oct; 18(4):535–9

Circadian variation in the absorption of three sustained release theophylline products in asthmatic children and the effect of food on absorption of Somophyllin-CRT. Birkett DJ, et al. **Br J Clin Pract [Symp Suppl]** 1984;35:17–23

Food and fasting intake of sustained release theophylline preparations. Pedersen S. **Br J Clin Pract [Symp Suppl]** 1984;35:37–9

Does guar gum improve post-prandial hyperglycaemia in humans by reducing small intestinal contact area? Blackburn NA, et al. **Br J Nutr** 1984 Sep;52(2):197–204

Insulin response to glucose and glucose tolerance following feeding in sheep. Sasaki Y, et al. **Br J Nutr** 1984 Sep; 52(2):351–8

Food, drugs, and bioavailability [editorial] George CF. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1093–4

Food-induced 'dose-dumping' from a once-a-day theophylline product as a cause of theophylline toxicity. Hendeles L, et al. **Chest** 1985 Jun;87(6):758–65

Effects of meal viscosity on serum gastrin response and gastric emptying rate in duodenal ulcer patients. Harju E. **Chir Ital** 1985 Apr;37(2):139–47

Influence of food on the absorption of theophylline from a sustained release formulation (Somophyllin). Pedersen S, et al. **Clin Allergy** 1985 May;15(3):253–9

How our food affects our hormones. Marks V. **Clin Biochem** 1985 Jun;18(3):149–53 (59 ref.)

The influence of adrenergic denervation on the response to feeding of the gastroenteropancreatic system in man. Frier BM, et al. **Clin Endocrinol (Oxf)** 1984 Dec;21(6):639–47

Comparison of glycogen store in two strains of rat and guinea-pig under fed and fasted conditions. Fréminet A, et al. **Comp Biochem Physiol [A]** 1984;79(1):53–9

Food asphyxiation in adults. Pollak OJ. **Del Med J** 1985 Mar; 57(3):185–7

Pyruvate kinase activity in isolated rat hepatocytes during a feeding cycle and during fasting. Azzout B, et al. **Diabete Metab** 1984 Sep;10(3):165–70

Metabolic and therapeutic assessment of gestational diabetes by two-hour and twenty-four-hour isocaloric meal tolerance tests. Hollingsworth DR, et al. **Diabetes** 1985 Jun; 34 Suppl 2:81–7

In vitro tests overestimate in vivo neutralizing capacity of antacids in presence of food. Berchtold P, et al. **Dig Dis Sci** 1985 Jun;30(6):522–8

Effect of vagal blockade on food- and hormone-stimulated release of pancreatic polypeptide and motilin in dogs. Greenberg GR, et al. **Dig Dis Sci** 1985 Oct;30(10):946–53

Pancreatic polypeptide and gastrin release during sham feeding in man. Koop H, et al. **Digestion** 1984;30(1):47–52

Influence of food on the absorption of hydrocortisone from the gastrointestinal tract. Barbhaiya RH, et al. **Drug Nutr Interact** 1982;1(2):103–12

Influence of food and of age on nitrazepam kinetics. Holm V, et al. **Drug Nutr Interact** 1982;1(4):307–11

Pharmacokinetics of dixyrazine: low bioavailability, improved by food intake. Liedholm H, et al. **Drug Nutr Interact** 1985;3(2):87–92

Influence of food on the bioavailability of 'real' and 'apparent' hydralazine from conventional and slow-release preparations. Liedholm H, et al. **Drug Nutr Interact** 1982; 1(4):293–302

Triiodothyronine (T3)-induced thermogenesis: altered T3-efficiency in tissues from fed, starved, and refed hypothyroid rats. Bachmann K, et al. **Endocrinology** 1985 Sep;117(3):1084–9

Effect of food ingestion on nifedipine absorption and haemodynamic response. Hirasawa K, et al. **Eur J Clin Pharmacol** 1985;28(1):105–7

Food-induced thermogenesis in obese children. Molnár D, et al. **Eur J Pediatr** 1985 May;144(1):27–31

Women, food and nutrition in Africa: perspective from Senegal. Basse MT. **Food Nutr (Roma)** 1984;10(1):65–71

Agricultural production and food consumption: some neglected linkages. Longhurst R. **Food Nutr (Roma)** 1983; 9(2):2–5, 44

Food battles: conflicts in the access to food. Sen A. **Food Nutr (Roma)** 1984;10(1):81–9

Postprandial release of neurotensin-like immunoreactivity and its mechanism. Matsumura M, et al. **Gastroenterol Jpn** 1984 Dec;19(6):543–9

Intestinal transit of solid and liquid components of a meal in health. Malagelada JR, et al. **Gastroenterology** 1984 Dec; 87(6):1255–63

Gastric emptying and sieving of solid food and pancreatic and biliary secretions after solid meals in patients with nonresective ulcer surgery. Mayer EA, et al. **Gastroenterology** 1984 Dec;87(6):1264–71

Effect of size and density on canine gastric emptying of nondigestible solids. Meyer JH, et al. **Gastroenterology** 1985 Oct;89(4):805–13

Estimation of gastric residence time of the Heidelberg capsule in humans: effect of varying food composition. Mojaverian P, et al. **Gastroenterology** 1985 Aug;89(2):392–7

Autonomic regulation of postprandial plasma somatostatin, gastrin, and insulin. Lucey MR, et al. **Gut** 1985 Jul; 26(7):683–8

Altered solid and liquid gastric emptying in patients with duodenal ulcer disease. Maddern GJ, et al. **Gut** 1985 Jul; 26(7):689–93

Interpretation of the breath hydrogen profile obtained after ingesting a solid meal containing unabsorbable carbohydrate. Read NW, et al. **Gut** 1985 Aug;26(8):834–42

Spontaneous classification of foods by elementary school-aged children. Michela JL, et al. **Health Educ Q** 1984 Spring;11(1):57–76

Food-induced histamine release from gastric and duodenal mucosa. Baenkler HW, et al. **Hepatogastroenterology** 1984 Oct;31(5):233–5

The Golgi apparatus and lysosomes of rat pancreatic acinar cells following refeeding. Romagnoli P. **Histochem J** 1984 Aug;16(8):855–68

The erythrocyte insulin receptor response to either feeding or a short fast. McElduff A, et al. **Horm Metab Res** 1984 Jun;16(6):275–8

Response of extrapancreatic immunoreactive glucagon to intraluminal nutrients in pancreatectomized dogs. Ohneda A, et al. **Horm Metab Res** 1984 Jul;16(7):344–8

Influence of multi-holed shakers on salting on food. Greenfield H, et al. **Hum Nutr Appl Nutr** 1984 Jun; 38(3):199–201

Salting of take-away foods at point of purchase. Greenfield H, et al. **Hum Nutr Appl Nutr** 1984 Jun;38(3):211–4

Variations in plasma thyroxine-binding prealbumin (TBPA) in relation to other circulating proteins in post-operative patients during rapid oral refeeding. Bleiberg-Daniel F, et al. **Hum Nutr Clin Nutr** 1985 Jan;39(1):55–62

Metabolic responses during modified fasting and refeeding. The role of sympathetic nervous system activity and thyroid hormones. Koppeschaar HP, et al. **Hum Nutr Clin Nutr** 1985 Jan;39(1):17–28

Effects of meals and meal times on uptake of lead from the gastrointestinal tract in humans. James HM, et al. **Hum Toxicol** 1985 Jul;4(4):401–7

Unscheduled DNA synthesis in human leucocytes after a fish (amine source) meal with or without salad (nitrite source). Miller CT. **IARC Sci Publ** 1984;(57):609–13

Mutagenicity of various Japanese foodstuffs treated with nitrite. II. Directly-acting mutagens produced from N-containing compounds in foodstuffs. Tomita I, et al. **IARC Sci Publ** 1984;(57):33–41

The cariogenic potential of foods––a critical review of current methods. Krasse B. **Int Dent J** 1985 Mar; 35(1):36–42 (50 ref.)

Impairment of captopril bioavailability by concomitant food and antacid intake. Mäntylä R, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Nov;22(11):626–9

The influence of food and repeated dosing on the bioavailability of indomethacin from a multiple-units controlled-release formulation. Skinhøj A, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Oct;22(10):557–61

External responsiveness to food and non-food cues among obese and non-obese children. Sobhany MS, et al. **Int J Obes** 1985;9(2):99–106

Australian 10-year-olds' perceptions of food. III. The influence of obesity status. Worsley A, et al. **Int J Obes** 1984;8(4):327–40

Obesity. Orr J. **J Adv Nurs** 1985 Jan;10(1):71–8

Absorption of minocycline hydrochloride and tetracycline hydrochloride. Effect of food, milk, and iron. Leyden JJ. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):308–12

The cariogenic potential of several snack foods. Morrissey RB, et al. **J Am Dent Assoc** 1984 Oct;109(4):589–91

International food component data system. Harris LE, et al. **J Am Diet Assoc** 1984 Oct;84(10):1210–5

A comparison of methods for plate waste determinations. Kirks BA, et al. **J Am Diet Assoc** 1985 Mar;85(3):328–31

Therapeutic effects of drug-nutrient interactions in the elderly. Roe DA. **J Am Diet Assoc** 1985 Feb;85(2):174–8, 181

Pharmacokinetics of captopril and its effects on blood pressure during acute and chronic administration and in relation to food intake. Ohman KP, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S20–4

Influence of food on acute and chronic effects of captopril in essential hypertensive patients. Salvetti A, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S25–9

Gastric inhibitory polypeptide responses to nutrients in Caucasians and American Indians with obesity and noninsulin-dependent diabetes mellitus. Mazzaferri EL, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):313–21

Postprandial lipemia. A key for the conversion of high density lipoprotein2 into high density lipoprotein3 by hepatic lipase. Patsch JR, et al. **J Clin Invest** 1984 Dec; 74(6):2017–23

Effects of food on oxaprozin bioavailability. Chiang ST, et al. **J Clin Pharmacol** 1984 Aug–Sep;24(8–9):381–5

Cognitive and chemosensory influences on age-related changes in the ability to identify blended foods. Murphy C. **J Gerontol** 1985 Jan;40(1):47–52

Meal intolerance in type 1 diabetes mellitus: influence of time interval between insulin therapy and meal intake. MacGillivray MH, et al. **J Med** 1984;15(5–6):417–35

Effect on the interaction of dietary carbohydrate and fat on the responses of rats to starvation-refeeding. Baltzell JK, et al. **J Nutr** 1985 Jan;115(1):104–10

Reduced and compensatory growth: endocrine and metabolic changes during food restriction and refeeding in steers. Blum JW, et al. **J Nutr** 1985 Apr;115(4):417–24

Effect of food and tablet age on relative bioavailability and pharmacodynamics of two tolbutamide products. Olson SC, et al. **J Pharm Sci** 1985 Jul;74(7):735–40

Influence of food on the bioavailability of enalapril. Swanson BN, et al. **J Pharm Sci** 1984 Nov;73(11):1655–7

Effect of food on bioavailability of nalidixic acid from uncoated tablets having different dissolution rates. Ogata H, et al. **J Pharmacobiodyn** 1984 Oct;7(10):760–7

Effects of denervating brown adipose tissue on the responses to cold, hyperphagia and noradrenaline treatment in the rat. Rothwell NJ, et al. **J Physiol (Lond)** 1984 Oct; 355:457–63

Food does not affect the bioavailability of baclofen. Peterson GM, et al. **Med J Aust** 1985 Jun 24;142(13):689–90

The effect of different kinds of refeeding on islet glucose phosphorylating activities. Bedoya FJ, et al. **Metabolism** 1984 Dec;33(12):1097–101

alpha-Glucosidase inhibition improves postprandial hyperglycemia and decreases insulin requirements in insulin-dependent diabetes mellitus. Dimitriadis GD, et al. **Metabolism** 1985 Mar;34(3):261–5

Orotic acid excretion during starvation and refeeding in normal men. Jeevanandam M, et al. **Metabolism** 1985 Apr; 34(4):325–9

Food consumption pattern during a drought in Tonga. Finau SA. **NZ Med J** 1985 Jul 24;98(783):599–600

Effect of a megadose of ascorbic acid, a meal and orange juice on the absorption of selenium as sodium selenite. Robinson MF, et al. **NZ Med J** 1985 Aug 14;98(784):627–9

A method for eliciting beliefs about food and child feeding in Papua New Guinea: the MACHIK Interview. Jenkins C, et al. **Papua New Guinea Med J** 1984 Mar;27(1):11–5

Erratic absorption of a slow-release theophylline sprinkle product. Pedersen S, et al. **Pediatrics** 1984 Oct;74(4):534-8

Self-administration of phentermine by naive rats: effects of body weight and a food delivery schedule. Papasava M, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):1071-3

Effect of food synchronization on the circadian rhythm of bone marrow and thymus lipids in rats. Ahlers I, et al. **Physiol Bohemoslov** 1984;33(6):511-4

Immunological response to food. Ferguson A. **Proc Nutr Soc** 1985 Feb;44(1):73-80 (13 ref.)

Factors influencing intestinal uptake of food antigens. Levinsky RJ. **Proc Nutr Soc** 1985 Feb;44(1):81-6 (15 ref.)

The gut hormone response to food. Uttenthal LO. **Proc Nutr Soc** 1985 Feb;44(1):53-61 (50 ref.)

The methylxanthine beverages and foods: chemistry, consumption, and health effects. **Prog Clin Biol Res** 1984; 158:1-413

Natural teratogens in human foods and the chemistry of embryology. McLaughlin JL. **Prog Clin Biol Res** 1985; 163C:389-94

Overview of the methylxanthine beverages and foods and their effect on health. Spiller GA. **Prog Clin Biol Res** 1984; 158:1-7 (0 ref.)

Food dreams and illness among Nigerians--a pilot study. Ilechukwu ST. **Psychiatr J Univ Ottawa** 1985 Jun; 10(2):89-94

Influence of photoperiod on the time of birth in the rat. IV. Effects of an imposed feeding rhythm. Bosc MJ, et al. **Reprod Nutr Dev** 1985;25(1A):39-48

Effect of serial test meals on plasma immunoreactive GIP in non-insulin dependent diabetic patients and non-diabetic controls. Groop PH, et al. **Scand J Clin Lab Invest** 1985 Apr;45(2):115-22

Fasting and postprandial serum bile acid concentration with special reference to variations in the conjugate profile. Hedenborg G, et al. **Scand J Clin Lab Invest** 1985 Apr; 45(2):151-6

Simulated meal test. A new method for estimation of parietal and non-parietal secretion in response to food. Frislid K, et al. **Scand J Gastroenterol** 1985 Jan;20(1):115-22

Gastric secretion in response to a meal 12-13 h after ranitidine. Frislid K, et al. **Scand J Gastroenterol** 1985 Aug; 20(6):711-4

The effect of ranitidine on the absorption of food cobalamins. Hamborg B, et al. **Scand J Gastroenterol** 1985 Aug; 20(6):756-8

Supplemental Food Program: effects on health and pregnancy outcome. Collins TR, et al. **South Med J** 1985 May;78(5):551-5

Release of cholecystokinin in response to food and intraduodenal fat in pigs, dogs and man. Lilja P, et al. **Surg Gynecol Obstet** 1984 Dec;159(6):557-61

The effect of food on cyclosporine absorption. Ptachcinski RJ, et al. **Transplantation** 1985 Aug;40(2):174-6

Food and muzolimine interaction. Ritter W, et al. **Z Kardiol** 1985;74 Suppl 2:145-8

[Glucagon and impacted food in the esophagus] Smith-Sivertsen C, et al. **Ugeskr Laeger** 1985 Jun 3; 147(23):1855 (Eng. Abstr.) **(Dan)**

[The interaction between food, nutritional status, metabolism and orally administered antimicrobial agents] Vreede RW, et al. **Ned Tijdschr Geneeskd** 1985 Jan 12;129(2):55-8 **(Dut)**

[Nutritional status of the rat in refeeding following massive mobilization of DDT by fasting] Carrera G, et al. **Ann Nutr Metab** 1985;29(1):56-62 (Eng. Abstr.) **(Fre)**

[Release of pancreatic polypeptide in response to the intragastric administration of a meal is not different in duodenal ulcer patients and normal subjects] Rigaud D, et al. **Gastroenterol Clin Biol** 1985 Jan;9(1):23-6 (Eng. Abstr.) **(Fre)**

[Food and drugs] Aiache JM. **J Pharm Belg** 1984 May-Jun; 39(3):173-84 **(Fre)**

[Spermatogenesis in the prepuberty Wistar rat during protein-energy malnutrition followed by balanced refeeding] Lac G, et al. **Reprod Nutr Dev** 1984;24(4):487-94 (Eng. Abstr.) **(Fre)**

[Effects of the duration of fasting and of refeeding on pancreatic hormones and plasma metabolites in the duck] Brahim MB, et al. **Tunis Med** 1984 Jul-Aug;62(4):307-13 (Eng. Abstr.) **(Fre)**

[Alcohol kinetics and food. Experiments with parenteral alcohol administration] Schmidt V, et al. **Blutalkohol** 1984 Sep;21(5):403-21 (Eng. Abstr.) **(Ger)**

[Elimination of food residues by chewing on a plastic device] Marthaler TM, et al. **Schweiz Monatsschr Zahnmed** 1984 Dec;94(12):1207-14 (Eng. Abstr.) **(Ger)**

[The global problem of foodborne infections and intoxications] Käferstein FK. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb; 180(2-3):335-42 (Eng. Abstr.) **(Ger)**

[Antimutagenic properties of food] Sharmanov TSh, et al. **Vopr Pitan** 1984 Sep-Oct;(5):3-7 (55 ref.) **(Rus)**

ADVERSE EFFECTS

Immunologically mediated adverse reactions to foods: role of T cells and cutaneous reactions. Sampson HA. **Ann Allergy** 1984 Dec;53(6):472-5

Food allergy and food intolerance. Anderson JA. **Bol Asoc Med PR** 1985 May;77(5):215-7

The prevalence of diet-induced migraine. Peatfield RC, et al. **Cephalalgia** 1984 Sep;4(3):179-83

Food allergens. Metcalfe DD. **Clin Rev Allergy** 1985 Jul; 3(3):331-49 (63 ref.)

Evaluation of immediate adverse reactions to foods in adult patients. II. A detailed analysis of reaction patterns during oral food challenge. Atkins FM, et al. **J Allergy Clin Immunol** 1985 Mar;75(3):356-63

Evaluation of immediate adverse reactions to foods in adult patients. I. Correlation of demographic, laboratory, and prick skin test data with response to controlled oral food challenge. Atkins FM, et al. **J Allergy Clin Immunol** 1985 Mar;75(3):348-55

Food allergies and other adverse reactions to foods. Panush RS, et al. **Med Clin North Am** 1985 May;69(3):533-46 (103 ref.)

Adverse reactions to foods. Allen DH, et al. **Med J Aust** 1984 Sep 1;141(5 Suppl):S37-42

[Ileus caused by food] Wolf O. **Z Arztl Fortbild (Jena)** 1984; 78(19):827-8 **(Ger)**

[Comparative study of the plaque-forming potential of various foods] Schuder L, et al. **Fogorv Sz** 1985 Jan; 78(1):12-5 **(Hun)**

[Perforation of the intestine by bones] Vaigel' AM. **Vestn Khir** 1984 Aug;133(8):70-2 **(Rus)**

STANDARDS

Changes in micronutrients due to industrial processing. Bender AE. **Bibl Nutr Dieta** 1985;(34):44-55

Influence of household handling. Varela G. **Bibl Nutr Dieta** 1985;(34):9-25

Health, food, water and agriculture. LeRiche WH. **Can J Public Health** 1985 May-Jun;76 Suppl 1:88-92

Nondestructive optical methods of food quality evaluation. Deshpande SS, et al. **CRC Crit Rev Food Sci Nutr** 1984; 21(4):323-79 (142 ref.)

Socio-cultural practices affecting the safety of food. Foster GM. **Food Nutr (Roma)** 1983;9(2):48-51

Guidelines for the study of dietary intakes of chemical contaminants. **WHO Offset Publ** 1985;(87):1-102

Evaluation of certain food additives and contaminants. **WHO Tech Rep Ser** 1984;710:1-44

[Microbiological reference values for food products] Smit MP. **Tijdschr Diergeneeskd** 1985 Jun 1;110(11):447-53 (Eng. Abstr.) **(Dut)**

[Can the quality of foods by common household preparation be improved?] Meier-Ploeger A. **Bibl Nutr Dieta** 1985; (34):26-34 **(Ger)**

[How can losses in nutritive value in community care be prevented?] Paulus K. **Bibl Nutr Dieta** 1985;(34):35-43 **(Ger)**

[Is processing of foods without loss of quality possible?] Somogyi JC. **Bibl Nutr Dieta** 1985;(34):1-8 **(Ger)**

[Hygienic standards for plictran in food products] Tatevosian AE, et al. **Vopr Pitan** 1984 Sep-Oct;(5):69-70 **(Rus)**

TOXICITY

Genetic toxicology in the food industry. Anderson D. **Food Chem Toxicol** 1985 Jan;23(1):11-8

FOOD ADDITIVES

see related
PHARMACEUTIC AIDS

The placing of antifertility drugs in food supplies: one answer to our global population crisis? Lesse S. **Am J Psychother** 1985 Apr;39(2):155-8

Influence of surface-active food additives on the integrity and permeability of rat intestinal mucosa. Tagesson C, et al. **Food Chem Toxicol** 1984 Nov;22(11):861-4

Use of antibiotics in animal feed challenged [news] Sun M. **Science** 1984 Oct 12;226(4671):144-6

[Counterfeiting molecules authorized as food additives to animal feed] Ferrando R. **Bull Acad Natl Med (Paris)** 1984 Mar-Apr;168(3-4):382-4 (Eng. Abstr.) **(Fre)**

[Regulation of foreign compounds in meat and meat products in the conflict between politics versus toxicology] Schlatter C. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):129-39 **(Ger)**

[Mutagenicity of food additive morpholine (fatty acid salt)] Ohnishi T. **Nippon Eiseigaku Zasshi** 1984 Oct;39(4):729-48 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Pathophysiologic mechanisms of allergic and pseudo-allergic reactions to foods, food additives and drugs. de Weck AL. **Ann Allergy** 1984 Dec;53(6 Pt 2):583-6 (15 ref.)

Diagnosis of intolerance to food additives. Ortolani C, et al. **Ann Allergy** 1984 Dec;53(6 Pt 2):587-91

Food additives. Rowe KS. **Aust Paediatr J** 1984 Aug; 20(3):171-3

Precipitating factors in asthma. Aspirin, sulfites, and other drugs and chemicals. Mathison DA, et al. **Chest** 1985 Jan; 87(1 Suppl):50S-54S (32 ref.)

The role of diet in behaviour. Feingold BF. **Ecol Dis** 1982; 1(2-3):153-65

Sulfite update. **FDA Drug Bull** 1984 Dec;14(3):24

Sulphiting agents in foods: some risk/benefit considerations. Walker R. **Food Addit Contam** 1985 Jan-Mar;2(1):5-24

Adverse reactions to drug additives. Simon RA. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 2):623-30

Clinical spectrum of adverse reactions to tartrazine. Collins-Williams C. **J Asthma** 1985;22(3):139-43 (30 ref.)

Food technology [letter] **N Engl J Med** 1985 Aug 15; 313(7):453-4

Chemical teratogenesis and reproductive failure. Kurzel RB, et al. **Obstet Gynecol Surv** 1985 Jul;40(7):397-424 (180 ref.)

ANALYSIS

United States Department of Agriculture's requirements for markers. Hibbert RG. **Controlled Clin Trials** 1984 Dec;5(4 Suppl):472-5

Specifications for identity and purity of food additives. 28th session of the Joint FAO/WHO Expert Committee on Food Additives. Rome, 19-28 March 1984. **FAO Food Nutr Pap** 1984;31(2):1-138

Liquid chromatographic determination of nicarbazin in feeds and premixes. Macy TD, et al. **J Assoc Off Anal Chem** 1984 Nov-Dec;67(6):1115-7

Liquid chromatographic determination of tetracycline residues in meat and fish. Onji Y, et al. **J Assoc Off Anal Chem** 1984 Nov-Dec;67(6):1135-7

Liquid chromatographic determination of quinine, hydroquinine, saccharin, and sodium benzoate in quinine beverages. Valenti LP. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):782-4

Identification of food thickeners by monitoring of their pyrolytic products. Sjöberg AM, et al. **J Chromatogr** 1985 Jan 25;319(1):90-8

[Formic acid in ginger bread--an adulterant?] Ayuto M, et al. **Z Lebensm Unters Forsch** 1984 Sep;179(3):243-4 (Eng. Abstr.) **(Ger)**

[The analysis of polysaccharides used as food additives. VIII. Simple qualitative and semiquantitative procedures for the determination of alginates in food] Scherz H. **Z Lebensm Unters Forsch** 1984 Jul;179(1):17-9 (Eng. Abstr.) **(Ger)**

[Determination of o-phenylphenol (OPP) in marmalade and juice] Kawasaki Y, et al. **Eisei Shikenjo Hokoku** 1984; (102):133-4 (Eng. Abstr.) **(Jpn)**

[Determination of nitrosamines in salted pollack roe treated with nitrite] Kawasaki Y, et al. **Eisei Shikenjo Hokoku** 1984; (102):134-7 (Eng. Abstr.) **(Jpn)**

[Analysis and properties of condensed phosphates for medicinal and food additives] Tsuhako M, et al. **Yakugaku Zasshi** 1984 Jul;104(7):718-23 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

Value of oral provocation tests to aspirin and food additives in the routine investigation of asthma and chronic urticaria. Genton C, et al. **J Allergy Clin Immunol** 1985 Jul;76(1):40-5

PHARMACODYNAMICS

Metabolic effects in rats of high oral doses of galactitol, mannitol and xylitol. Mäkinen KK, et al. **J Nutr** 1985 Jul; 115(7):890-9

Dose-related enhancing effect of potassium bromate on renal tumorigenesis in rats initiated with N-ethyl-N-hydroxyethyl-nitrosamine. Kurokawa Y, et al. **Jpn J Cancer Res** 1985 Jul;76(7):583-9

[Model experiments to increase zinc bacitracin efficacy] Kaemmerer K, et al. **DTW** 1984 Sep 7;91(9):320-4 (Eng. Abstr.) **(Ger)**

[Evaluation of the effect of Mycrodyn, Elibac, Nibac and Trop-Fen on cestode eggs] Chavarría M, et al. **Salud Publica Mex** 1984 Sep-Oct;26(5):456-61 (Eng. Abstr.) **(Spa)**

STANDARDS

[From the Veterinary Chief Inspection of Public Health and the Direction of Veterinary Services. Resolution on the agricultural quality of medicated fodder] **Tijdschr Diergeneeskd** 1984 Aug 15;109(15-16):641-2 **(Dut)**

[An authorization project relative to the use of technological additives and supplements in preserves, jellies, marmalades and other similar products] Truhaut R. **Bull Acad Natl Med (Paris)** 1985 Jan;169(1):102-4 **(Fre)**

TOXICITY

Drugs, food additives and natural products as promoters in rat urinary bladder carcinogenesis. Ito N, et al. **IARC Sci Publ** 1984;(56):399-407

Excitotoxic food additives--relevance of animal studies to human safety. Olney JW. **Neurobehav Toxicol Teratol** 1984 Nov-Dec;6(6):455-62 (49 ref.)

Effects of feed additives and feed contaminants on the susceptibility of chickens to viruses. Brugh M. **Prog Clin Biol Res** 1984;161:229-34

Feed additives and feed contaminants as immunotoxicants. Stowe HD. **Prog Clin Biol Res** 1984;161:319-23

FDA's priority-based assessment of food additives. II. General toxicity parameters. Rulis AM, et al. **Regul Toxicol Pharmacol** 1985 Jun;5(2):152-74

Evaluation of certain food additives and contaminants. **WHO Tech Rep Ser** 1984;710:1-44

[Drug toxicity in piglets following long-term consumption of medicated feed] van de Kerk P. **Tijdschr Diergeneeskd** 1985 Mar 1;110(5):181-4 (Eng. Abstr.) **(Dut)**

FOOD ADULTERATION see **FOOD CONTAMINATION**

FOOD ANALYSIS

Dietary modifiers: occurrence of modifiers in food and drink and consequences for implementation of regulatory procedures. Knudsen I. **Acta Pharmacol Toxicol (Copenh)** 1984;55 Suppl 2:171-9

Sulfhydryl groups and food safety. Friedman M. **Adv Exp Med Biol** 1984;177:31-63 (164 ref.)

Minimizing the saponin content of alfalfa sprouts and leaf protein concentrates. Livingston AL, et al. **Adv Exp Med Biol** 1984;177:253-68

Naturally occurring phenolics as antimutagenic and anticarcinogenic agents. Stich HF, et al. **Adv Exp Med Biol** 1984;177:1-29 (115 ref.)

Stability of enzyme inhibitors and lectins in foods and the influence of specific binding interactions. Zahnley JC. **Adv Exp Med Biol** 1984;177:333-65 (136 ref.)

Effect of making duplicate food collections on nutrient intakes calculated from diet records. Kim WW, et al. **Am J Clin Nutr** 1984 Dec;40(6 Suppl):1333-7

Nutrient sources in the American diet: quantitative data from the NHANES II survey. I. Vitamins and minerals. Block G, et al. **Am J Epidemiol** 1985 Jul;122(1):13-26

Nutrient sources in the American diet: quantitative data from the NHANES II survey. II. Macronutrients and fats. Block G, et al. **Am J Epidemiol** 1985 Jul;122(1):27-40

Assessing nutrient intake with an abbreviated dietary interview. Byers T, et al. **Am J Epidemiol** 1985 Jul;122(1):41-50

Reproducibility and validity of a semiquantitative food frequency questionnaire. Willett WC, et al. **Am J Epidemiol** 1985 Jul;122(1):51-65

Food. Yeransian JA, et al. **Anal Chem** 1985 Apr;57(5):278R-315R (1482 ref.)

Determination by atomic-absorption spectrometry of lead in tin coatings intended to come into contact with food. Chapman AH, et al. **Analyst** 1985 Feb;110(2):159-62

Evaluation of methods for the determination of total molybdenum and vanadium in foodstuffs using spectrophotometric measurements. Evans WH, et al. **Analyst** 1985 Jun;110(6):681-7

Determination of lithium, rubidium and strontium in foodstuffs. Evans WH, et al. **Analyst** 1985 Jun;110(6):619-23

Eurofoods: towards compatibility of nutrient data banks in Europe. **Ann Nutr Metab** 1985;29 Suppl 1:1-72

A radioimmunoassay for wheat gliadin to assess the suitability of gluten free foods for patients with coeliac disease. Ciclitira PJ, et al. **Clin Exp Immunol** 1985 Mar;59(3):703-8

Specifications for identity and purity of food additives. 28th session of the Joint FAO/WHO Expert Committee on Food Additives. Rome, 19-28 March 1984. **FAO Food Nutr Pap** 1984;31(2):1-138

Naturally occurring oestrogens in foods—a review. Price KR, et al. **Food Addit Contam** 1985 Apr-Jun;2(2):73-106

Tin in foods and the diet. Sherlock JC, et al. **Food Addit Contam** 1984 Jul-Sep;1(3):277-82

Chromium in foods and the diet. Smart GA, et al. **Food Addit Contam** 1985 Apr-Jun;2(2):139-47

Synthesis of three N-nitroso dipeptides N-terminal in proline and a method for their determination in food. Tricker AR, et al. **Food Addit Contam** 1984 Oct-Dec;1(4):307-12

Genetic toxicology in the food industry. Anderson D. **Food Chem Toxicol** 1985 Jan;23(1):11-8

Transfer of additives from plastics materials into foodstuffs and into food simulants—a comparison. Bieber WD, et al. **Food Chem Toxicol** 1984 Sep;22(9):737-42

Contributions of foods to sodium in the Australian food supply. Greenfield H, et al. **Hum Nutr Appl Nutr** 1984 Jun;38(3):203-10

Analysis and occurrence of total N-nitroso compounds in the Japanese diet. Kawabata T, et al. **IARC Sci Publ** 1984;(57):25-31

N-nitrosamine analysis in foods: N-nitrosoamino acids by high-performance liquid chromatography/thermal energy analysis and total N-nitroso compounds by chemical denitrosation/thermal energy analysis. Massey RC, et al. **IARC Sci Publ** 1984;(57):131-6

Epidemiological assessment of risk to humans from exposure to nitrosamines. Miller AB, et al. **IARC Sci Publ** 1984;(57):929-36

Risks of high nickel intake with diet. Nielsen GD, et al. **IARC Sci Publ** 1984;(53):333-8

On-line combination of high-performance liquid chromatography and total N-nitroso determination apparatus for the determination of N-nitrosamides and other N-nitroso compounds, and some recent data on the levels of N-nitrosoproline in foods and beverages. Sen NP, et al. **IARC Sci Publ** 1984;(57):137-43

Acid/alkaline ash diets: time for assessment and change. Dwyer J, et al. **J Am Diet Assoc** 1985 Jul;85(7):841-5

Effects of microwave cooking/reheating on nutrients and food systems: a review of recent studies. Hoffman CJ, et al. **J Am Diet Assoc** 1985 Aug;85(8):922-6 (30 ref.)

Mineral analyses of vegetarian, health, and conventional foods: magnesium, zinc, copper, and manganese content. McNeill DA, et al. **J Am Diet Assoc** 1985 May;85(5):569-72

Food composition data: problems and plans. Rand WH. **J Am Diet Assoc** 1985 Sep;85(9):1081-3

A comparative study of two nutrient data bases. Shanklin D, et al. **J Am Diet Assoc** 1985 Mar;85(3):308-13

Salicylates in foods. Swain AR, et al. **J Am Diet Assoc** 1985 Aug;85(8):950-60

Assessing the cancer risk from foods. Wardlaw GM. **J Am Diet Assoc** 1985 Sep;85(9):1122-7

Simultaneous determination of thiamine and riboflavin in foods by liquid chromatography. Augustin J. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):1012-5

Atomic absorption spectrophotometric determination of cobalt in foods. Barberá R, et al. **J Assoc Off Anal Chem** 1985 May-Jun;68(3):511-3

Atomic absorption spectrophotometric determination of tin in canned foods, using nitric acid-hydrochloric acid digestion and nitrous oxide-acetylene flame: collaborative study. Dabeka RW, et al. **J Assoc Off Anal Chem** 1985 Mar-Apr;68(2):209-13

Effect of pH on absorbance of azo dye formed by reaction between nitrite and sulfanilamide/N-(1-naphthyl)ethylenediamine in residual nitrite methods for foods. Davis CE, et al. **J Assoc Off Anal Chem** 1985 May-Jun;68(3):485-8

Quantitative amino acid analysis of feedstuff hydrolysates by reverse phase liquid chromatography and conventional ion-exchange chromatography. Elkin RG. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):1024-6

Determination of folacin in foods and other biological materials. Gregory JF 3d. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):1015-9

Purge and trap method for determination of ethylene dibromide in table-ready foods. Heikes DL. **J Assoc Off Anal Chem** 1985 May-Jun;68(3):431-6

Liquid chromatographic determination of trace residues of polynuclear aromatic hydrocarbons in smoked foods. Joe FL Jr, et al. **J Assoc Off Anal Chem** 1984 Nov-Dec;67(6):1076-82

Liquid chromatographic determination of N-methylcarbamate insecticides and metabolites in crops. II. Analytical characteristics and residue findings. Krause RT. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):734-41

Improved procedure for determination of acrylonitrile in foods and its application to meat. Page BD, et al. **J Assoc Off Anal Chem** 1985 May-Jun;68(3):606-8

Determination of acrylonitrile in foods by headspace-gas chromatography with nitrogen-sensitive detection: collaborative study. Page BD. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):776-82

Determination of total dietary fiber in foods and food products: collaborative study. Prosky L, et al. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):677-9

Liquid chromatographic determination of vitamin B-6 in foods. Vanderslice JT, et al. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):999-1007

Liquid chromatographic determination of barbaloin (aloin) in foods. Yamamoto M, et al. **J Assoc Off Anal Chem** 1985 May-Jun;68(3):493-4

Comparison of high-performance liquid chromatography with electrochemical detection and gas chromatography-mass fragmentography for the assay of salsolinol, dopamine and dopamine metabolites in food and beverage samples. Duncan MW, et al. **J Chromatogr** 1984 Dec 7;336(1):199-209

Simultaneous analysis of thiamin and riboflavin in foods by high-performance liquid chromatography. Wimalasiri P, et al. **J Chromatogr** 1985 Jan 18;318(2):412-6

HPLC analysis with fluorometric detection of vitamin C in food samples. Vanderslice JT, et al. **J Chromatogr Sci** 1984 Nov;22(11):485-9

Evaluation of vitamin A and carotenoid data in food composition tables. Beecher GR, et al. **JNCI** 1984 Dec;73(6):1397-404

Development of a nutrient data system for international use: INFOODS (International Network of Food Data Systems). Butrum R, et al. **JNCI** 1984 Dec;73(6):1409-13

Mammalian cell DNA damage by some heterocyclic food mutagens is correlated with their potency in the Ames test. Dolara P, et al. **Mutat Res** 1985 Sep;144(1):57-8

Occurrence of mutagens in canned foods. Krone CA, et al. **Mutat Res** 1984 Nov-Dec;141(3-4):131-4

Phytate content of some foods from plant origin from Vietnam and Hungary. Vinh LT, et al. **Nahrung** 1985;29(2):161-6

Fluoride content of selected human food, pet food and related materials. Siebert G, et al. **Z Ernahrungswiss** 1985 Mar;24(1):54-66

Benzoic acid and sorbic acid in foods quantitative determination by gas chromatography. **Z Lebensm Unters Forsch** 1984 Dec;179(6):455-7

Comparison of trace element solubility from food items treated separately and in combination. Crews HM, et al. **Z Lebensm Unters Forsch** 1985 May;180(5):405-10

Nickel content of food and estimation of dietary intake. Flyvholm MA, et al. **Z Lebensm Unters Forsch** 1984 Dec;179(6):427-31 (38 ref.)

Colorimetric determination of ethylenediaminetetra-acetic acid in foods. Hamano T, et al. **Z Lebensm Unters Forsch** 1985 Apr;180(4):280-3

Separate determination of ethylenediaminetetraacetic acid and its calcium chelate in foods by colorimetry. Hamano T, et al. **Z Lebensm Unters Forsch** 1985 Jul;181(1):35-9

[Analysis of organophosphate insecticides in food by thin layer chromatography-enzyme inhibition technic] Hu ZY. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Sep;18(5):295-8 **(Chi)**

[Determination of inorganic arsenic in sea food] Ma J. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 May;18(3):178-9 **(Chi)**

[Quantitative analysis of auto-oxidation products of cholesterol in food of animal origin] Fischer KH, et al. **Z Lebensm Unters Forsch** 1985 Jul;181(1):14-9 (Eng. Abstr.) **(Ger)**

[The mycotoxin problem: results of food monitoring] Kiermeier F. **Z Lebensm Unters Forsch** 1985 May;180(5):389-93 (Eng. Abstr.) **(Ger)**

[Chemical analysis of veterinary drugs in food. 1. General methods and gas chromatographic procedures] Petz M. **Z Lebensm Unters Forsch** 1985 Apr;180(4):267-79 (79 ref.) (Eng. Abstr.) **(Ger)**

[Chromium content of plant food products from the environs of a copper-processing plant] Ilow R, et al. **Rocz Panstw Zakl Hig** 1984;35(3):217-20 (Eng. Abstr.) **(Pol)**

[Nitrate and nitrite content of daily diets of adults and children] Nabrzyski M, et al. **Rocz Panstw Zakl Hig** 1984;35(6):533-42 (Eng. Abstr.) **(Pol)**

[Mineral components of various food products] Rafalski H, et al. **Rocz Panstw Zakl Hig** 1984;35(6):515-23 (Eng. Abstr.) **(Pol)**

[Hygienic evaluation of nitrates in food products] Zarubin GP, et al. **Gig Sanit** 1984 Jul;(7):49-52 (33 ref.) **(Rus)**

[Content of manganese, chromium, iron, cobalt, molybdenum and fluorine in food products] Shtenberg AI. **Vopr Pitan** 1985 Jan-Feb;(1):3-8 (36 ref.) **(Rus)**

[Changes in the nutritive value of food products after thermal culinary handling] Skurikhin IM. **Vopr Pitan** 1985 Mar-Apr;(2):66-9 (Eng. Abstr.) **(Rus)**

HISTORY

The importance of analytical chemistry to food and drug regulation. Hutt PB. **J Assoc Off Anal Chem** 1985 Mar-Apr;68(2):147-51

METHODS

Mutagens in cooked food: chemical aspects. Bjeldanes LF, et al. **Adv Exp Med Biol** 1984;177:545-54

Comparison of nutrient calculation systems. Jacobs DR Jr, et al. **Am J Epidemiol** 1985 Apr;121(4):580-92

Gas chromatographic determination of chemical residues in food using a rugged high-resolution mixed-bed column. Daft JL. **Anal Chem** 1984 Dec;56(14):2687-92

Gas chromatographic/mass spectrometric methodology for simultaneous assay of salsolinol, dopamine, norepinephrine, dihydroxyphenylacetic acid and dihydroxyphenylethanol. Duncan MW, et al. **Biomed Mass Spectrom** 1985 Mar;12(3):106-14

Review of current and future analytical methods for the determination of mycotoxins. Crosby NT. **Food Addit Contam** 1984 Jan-Mar;1(1):39-44 (27 ref.)

Estimation of nitropolycyclic aromatic hydrocarbons in foods. Dennis MJ, et al. **Food Addit Contam** 1984 Jan-Mar;1(1):29-37

An h.p.l.c. method for the quantitative determination of asulam, acetylasulam and sulphanilamide in peaches. Kon RT, et al. **Food Addit Contam** 1984 Jan-Mar;1(1):67-71

The application of a chemical denitrosation and chemiluminescence detection procedure for estimation of the apparent concentration of total N-nitroso compounds in foods and beverages. Massey RC, et al. **Food Addit Contam** 1984 Jan-Mar;1(1):11-6

Total N-nitroso group analysis of foods. II. Further studies on the precision and sensitivity of the assay. Massey RC, et al. **Food Addit Contam** 1984 Jul-Sep;1(3):237-44

Gas chromatographic determination of oxalic acid in foods. Ohkawa H. **J Assoc Off Anal Chem** 1985 Jan-Feb;68(1):108-11

Determination of nitrate in dried foods by gas chromatography-thermal energy analyzer. Ross HD, et al. **J Assoc Off Anal Chem** 1985 Jan-Feb;68(1):41-3

Histometric and chemical methods for determining collagen in meats. Koolmees PA, et al. **Vet Q** 1985 Apr;7(2):84-90

[Determination by capillary gas liquid chromatography of nitrosamine in partially altered food] Schettino O, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1751-6 (Eng. Abstr.) **(Ita)**

[The effect of heat processing on the biological values of selected foods using the amoeba Tetrahymena pyriformis as a test agent] Ništiar F, et al. **Vet Med (Praha)** 1985 Jun;30(6):379-84 (Eng. Abstr.) **(Slo)**

STANDARDS

United States Department of Agriculture's requirements for markers. Hibbert RG. **Controlled Clin Trials** 1984 Dec;5(4 Suppl):472-5

Food composition tables: recommended method for deriving nutrient values in their preparation. Polacchi W. **J Am Diet Assoc** 1985 Sep;85(9):1134-6

Food adulteration detection: 100 years of progress in AOAC methodology. Holeman EH. **J Assoc Off Anal Chem** 1984 Nov-Dec;67(6):1029-34

Inventory of IDF/ISO/AOAC adopted methods of analysis for milk and milk products. Tuinstra-Lauwaars M, et al. **J Assoc Off Anal Chem** 1984 Nov-Dec;67(6):1152-71

FOOD AND AGRICULTURAL ORGANIZATION, UNITED NATIONS see UNITED NATIONS

FOOD AND DRUG ADMINISTRATION (U.S.) see UNITED STATES FOOD AND DRUG ADMINISTRATION

FOOD, CANNED see FOOD PRESERVATION

FOOD COLORING AGENTS

see related
DYES

ADVERSE EFFECTS

Colourings and preservatives in food. Denner WH. **Hum Nutr Appl Nutr** 1984 Dec;38(6):435-49

ANALYSIS

Determination of unsulfonated aromatic amines in D&C red No. 33 by the diazotization and coupling procedure followed by reversed-phase liquid chromatographic analysis. Bailey JE Jr. **Anal Chem** 1985 Jan;57(1):189-96

Specifications for identity and purity of food colours. 28th session of the Joint FAO/WHO Expert Committee on food additives. Rome, 19-28 March 1984. **FAO Food Nutr Pap** 1984;31(1):1-145, A1-A49

Ammonia caramels: specifications and analysis. Patey AL, et al. **Food Addit Contam** 1985 Apr-Jun;2(2):107-12

Extraction of organic acids by ion-pair formation with tri-n-octylamine. Part 7. Comparison of methods for extraction of synthetic dyes from yogurt. Puttemans ML, et al. **J Assoc Off Anal Chem** 1985 Jan-Feb;68(1):143-5

Extraction of organic acids by ion-pair formation with tri-n-octylamine. Part V. Simultaneous determination of synthetic dyes, benzoic acid, sorbic acid, and saccharin in soft drinks and lemonade syrups. Puttemans ML, et al. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):880-5

Rapid determination of color additives, using the C18 cartridge. Young ML. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):1022-4

[Analysis of artificial colorants in candies for children] Marin Villarejo ML, et al. **Rev Sanid Hig Publica (Madr)** 1983 Nov-Dec;57(11-12):1221-8 (Eng. Abstr.) **(Spa)**

METABOLISM

Brain uptake of a food dye, erythrosin B, prevented by plasma protein binding. Levitan H, et al. **Brain Res** 1984 Nov 19;322(1):131-4

PHARMACODYNAMICS

Food dye, erythrosin B, inhibits ATP-dependent calcium ion transport by brain microsomes. Heffron JJ, et al. **Biochem Int** 1984 Nov;9(5):557-62

STANDARDS

Food dyes fuel debate over Delaney [news] Sun M. **Science** 1985 Aug 23;229(4715):739-41

SUPPLY & DISTRIBUTION

Availability of canthaxanthin in the United States [letter] Levit F. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):129

TOXICITY

Testing of 24 food, drug, cosmetic, and fabric dyes in the in vitro and the in vivo/in vitro rat hepatocyte primary culture/DNA repair assays. Kornbrust D, et al. **Environ Mutagen** 1985;7(1):101-20

Mutagenicity of azo dyes in the Salmonella/microsome assay using in vitro and in vivo activation. Joachim F, et al. **Mutat Res** 1985 Jun;156(3):131-8

The toxic effect of rhodamine B in rats. Nainggolan-Sihombing G. **Paediatr Indones** 1984 Jul-Aug;24(7-8):125-38

[Toxicity study on a local produced natural food color oiltea shell brown pigment] Ling CD. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1985 Jan;19(1):16-20 (Eng. Abstr.) **(Chi)**

FOOD CONTAMINATION

Nutritional and toxicological aspects of food safety. **Adv Exp Med Biol** 1984;177:1-584

Bacterial growth in human milk during continuous feeding. Lemons PM, et al. **Am J Perinatol** 1983 Oct;1(1):76-80

An outbreak of foodborne hepatitis A showing a relationship between dose and incubation period. Istre GR, et al. **Am J Public Health** 1985 Mar;75(3):280-1

Campylobacter enteritis associated with undercooked barbecued chicken. Istre GR, et al. **Am J Public Health** 1984 Nov;74(11):1265-7

Retrospective study of four years of carcass condemnation rates for malignant lymphoma in California cows. Thurmond MC, et al. **Am J Vet Res** 1985 Jun;46(6):1387-91

Effects of aflatoxin M1 intake at physiologic levels on newborn dairy calves. van Dijk HJ, et al. **Am J Vet Res** 1984 Oct;45(10):1994-7

Mast cells in the skin: progressive systemic sclerosis and the toxic oil syndrome [letter] Fonseca E, et al. **Ann Intern Med** 1985 Jun;102(6):864-5

Chronic juvenile toxic epidemic syndrome. Izquierdo M, et al. **Ann Rheum Dis** 1985 Feb;44(2):98-103

The indolizidine alkaloids, slaframine and swainsonine: contaminants in animal forages. Broquist HP. **Annu Rev Nutr** 1985;5:391-409 (64 ref.)

Food-borne pathogens of recent concern. Doyle MP. **Annu Rev Nutr** 1985;5:25-41 (149 ref.)

Incidence of Acinetobacter spp. and other gram-negative, oxidase-negative bacteria in fresh and spoiled ground beef. Eribo BE, et al. **Appl Environ Microbiol** 1985 Jan;49(1):256-7

Detection of aflatoxin D1 in ammoniated corn by mass spectrometry-mass spectrometry. Grove MD, et al. **Appl Environ Microbiol** 1984 Oct;48(4):887-9

Identification of community flour mills as the source of lead poisoning in West Bank Arabs. Eisenberg A, et al. **Arch Intern Med** 1985 Oct;145(10):1848-51

Investigation of another probable mechanism of infection in cysticercosis. I. A report of preliminary findings. Salazar-Schettino PM, et al. **Arch Invest Med (Mex)** 1984 Jul-Sep;15(3):205-13 **(Eng, Spa)**

Toxic oil syndrome, scleroderma, and eosinophilic fasciitis [letter] Posada de la Paz M, et al. **Arthritis Rheum** 1984 Oct;27(10):1200

Chasing the lead [editorial] Waldron HA. **Br Med J [Clin Res]** 1985 Aug 10;291(6492):366-7

Diphtheria: a possible foodborne outbreak in Hodeida, Yemen Arab Republic. Jones EE, et al. **Bull WHO** 1985;63(2):287-93

Toxic-oil syndrome. Gallium-67 scanning and bronchoalveolar lavage studies in patients with abnormal lung function. De la Cruz JL, et al. **Chest** 1985 Sep;88(3):398-402

Toxic-oil syndrome. Epidemic with an elusive etiology [editorial] Kilbourne EM. **Chest** 1985 Sep;88(3):324-5

Carcinogenesis of esophageal cancer in Linxian, China. Li MX, et al. **Chin Med J [Engl]** 1984 May;97(5):311-6

Health status of Japanese and Taiwanese after exposure to contaminated rice oil. Masuda Y. **Environ Health Perspect** 1985 May;60:321-5

Residues of veterinary drugs in foods. Report of a joint FAO/WHO expert consultation, Rome, 29 October-5 November 1984. **FAO Food Nutr Pap** 1985;32:1-54 **(Eng, Fre, Spa)**

Proceedings of a Symposium on Carcinogenic Risk Assessment for Veterinary Drugs. **Food Addit Contam** 1984 Apr-Jun;1(2):73-231

Application of Synovex-H in veal calves: steroid release and residues. Meyer HH, et al. **Food Addit Contam** 1984 Jul-Sep;1(3):261-75

Probability for human intake of an atom randomly released into ground, rivers, oceans and air. Cohen BL. **Health Phys** 1984 Aug;47(2):281-92

Toxic oil syndrome. Aldridge WN. **Hum Toxicol** 1985 May;4(3):231-5

Epidemic dropsy in Delhi. Mohan M, et al. **Indian Pediatr** 1984 Mar;21(3):241-7

Transmission of non O group 1 Vibrio cholerae by raw oyster consumption. Piergentili P, et al. **Int J Epidemiol** 1984 Sep;13(3):340-3

Public health importance of market meat exposed to refuse flies and air-borne microorganisms. Akinboade OA, et al. **Int J Zoonoses** 1984 Jun;11(1):111-4

Factors influencing the occurrence of drug residues in animal tissues after the use of antimicrobial agents in animal feeds. Bevill RF. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1124-6 (9 ref.)

Deoxynivalenol-contaminated wheat in swine diets. Pollmann DS, et al. **J Anim Sci** 1985 Jan;60(1):239-47

Food adulteration detection: 100 years of progress in AOAC methodology. Holeman EH. **J Assoc Off Anal Chem** 1984 Nov-Dec;67(6):1029-34

Fecal pellets from a commensal shrew (Suncus murinus) and a house gecko (Gekkonidae). Olsen AR. **J Assoc Off Anal Chem** 1984 Nov-Dec;67(6):1035-6

Modified flotation technique for quantitative determination of mite populations in feedstuffs. Thind BB, et al. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):866-8

Determination of internal insect infestation of oats: collaborative study. Trauba RL. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):699-700

Determination of phenylurea pesticides by high-performance liquid chromatography with UV and photoconductivity detectors in series. Walters SM, et al. **J Chromatogr** 1984 Dec 28;317:533-44

Ingestion of vomitoxin (deoxynivalenol)-contaminated wheat by nonlactating dairy cows. Trenholm HL, et al. **J Dairy Sci** 1985 Apr;68(4):1000-5

A microbiological study of various food premises with an assessment of cleaning and disinfection practices. Tebbutt GM. **J Hyg (Lond)** 1984 Oct;93(2):365-75

Pesticide residues in food [letter] **J R Soc Med** 1985 Jun;78(6):508-9

Penicillin hypersensitivity--is milk a significant hazard?: a review. Dewdney JM, et al. **J R Soc Med** 1984 Oct;77(10):866-77 (37 ref.)

Pesticide residues in food: possible effect on sperm counts [letter] James WH. **J R Soc Med** 1985 May;78(5):416

Pesticide residues in food--a toxicological view: discussion paper. Turnbull GJ. **J R Soc Med** 1984 Nov;77(11):932-5

Secondary poisoning of Franklin's gulls in Texas by monocrotophos. White DH, et al. **J Wildl Dis** 1985 Jan;21(1):76-8

Leads from the MMWR. Campylobacter outbreak associated with certified raw milk products--California. **JAMA** 1984 Nov 2;252(17):2386

Unpasteurized milk. The hazards of a health fetish. Potter ME, et al. **JAMA** 1984 Oct 19;252(15):2048-52

Bacterial contamination of tube-feeding formulas. Anderson KR, et al. **JPEN** 1984 Nov-Dec;8(6):673-8

Bacterial contamination of enteral solutions [letter] Fagerman KE, et al. **JPEN J Parenter Enteral Nutr** 1985 May-Jun;9(3):378

Monocontamination of germ-free mice by a fastidious unidentified anaerobe. Taylor DM. **Lab Anim** 1985 Jul;19(3):251-4

Some wine to break the ice [editorial] **Lancet** 1985 Aug 3;2(8449):254

Outbreak of trichinosis due to horse meat in the Paris area [letter] Ancelle T, et al. **Lancet** 1985 Sep 21;2(8456):660

The role of dietary aflatoxin in the genesis of hepatocellular cancer in developing countries. Enwonwu CO. **Lancet** 1984 Oct 27;2(8409):956-8

Potent induction of human placental mono-oxygenase activity by previous dietary exposure to polychlorinated biphenyls and their thermal degradation products. Wong TK, et al. **Lancet** 1985 Mar 30;1(8431):721-4

Campylobacter outbreak associated with certified raw milk products--California. **MMWR** 1984 Oct 5;33(39):562

The mycotoxicological chain and contamination of food by ochratoxin A in the nephropathic and non-nephropathic areas in Yugoslavia. Pepeljnjak S, et al. **Mycopathologia** 1985 Jun;90(3):147-53

Listeriosis and milk [editorial] Barza M. **N Engl J Med** 1985 Feb 14;312(7):438-40

Pasteurized milk as a vehicle of infection in an outbreak of listeriosis. Fleming DW, et al. **N Engl J Med** 1985 Feb 14;312(7):404-7

Alterations in some biochemical processes in the organism of rats being under the influence of chlorfenvinphos administered in diets with variable protein content. Pużyńska L. **Nahrung** 1984;28(5):473-82

Importance of contaminated food for the uptake of heavy metals in the rainbow trout, Salmo gairdneri. Segner H, et al. **Naturwissenschaften** 1985 Jul;72(7):379-80

Chemical teratogenesis and reproductive failure. Kurzel RB, et al. **Obstet Gynecol Surv** 1985 Jul;40(7):397-424 (180 ref.)

Computed tomography in an infant with salt poisoning: relationship of hypodense areas in basal ganglia to serum sodium concentration. Habbick BF, et al. **Pediatrics** 1984 Dec;74(6):1123-5

Pesticide residues in food [letter] Jackson RJ, et al. **Pediatrics** 1985 Sep;76(3):473-4

Comparative effects of antifungal compounds on the nutritional value of diets containing moldy corn for broiler chicks. Bartov I. **Poult Sci** 1985 Jun;64(6):1236-8

Whole brain acetylcholinesterase activity in lead-exposed Japanese quail. Edens FW. **Poult Sci** 1985 Jul;64(7):1391-3

Effect of Eimeria tenella infection in chickens fed the feed artificially contaminated with Salmonella typhimurium. Morishima H, et al. **Poult Sci** 1984 Sep;63(9):1732-7

Feed additives and feed contaminants as immunotoxicants. Stowe HD. **Prog Clin Biol Res** 1984;161:319-23

Identification of benzo[a]pyrene quinone in soybean leaves. Sakamoto M, et al. **Sci Total Environ** 1984 Aug 1;37(2-3):247-51

New study adds to antibiotic debate [news] Sun M. **Science** 1984 Nov 16;226(4676):818

NAG Vibrio cholerae isolated from imported shellfish in Guam. Haddock RL, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar;16(1):113-6

Food habits of Microtus, Peromyscus, and Blarina along Kansas roadsides: cause for caution in roadside contamination studies. O'Neill DH, et al. **Trans Kans Acad Sci** 1985 Apr;88(1-2):40-5

Toxic ducks--1080 residues in game birds. An exercise in applied toxicology. Temple WA, et al. **Vet Hum Toxicol** 1985 Feb;27(1):20-1

Sarcocystis infection in pigs of Hissar, Haryana, India and its transmission to dogs. Gupta SL, et al. **Vet Parasitol** 1984 Oct;16(1-2):1-3

The role of food safety in health and development. Report of a Joint FAO/WHO Expert Committee on Food Safety. **WHO Tech Rep Ser** 1984;705:1-79

Evaluation of certain food additives and contaminants. **WHO Tech Rep Ser** 1984;710:1-44

[Survey of Salmonella contamination in animal slaughtering and meat and poultry processing in Beijing Union Plants] Xiang L, et al. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1985 Mar;19(2):88-9 (Eng. Abstr.) **(Chi)**

[Mass poisoning with an agrochemical] Volf K, et al. **Soud Lek** 1984 May;29(2):25-8 (Eng. Abstr.) **(Cze)**

[Parasitoses of food origin in Tunisia] Kennou MF. **Arch Inst Pasteur Tunis** 1983 Dec;60(3-4):393-407 (Eng. Abstr.) **(Fre)**

[The practice of the denaturation of food products] Boudène C. **Bull Acad Natl Med (Paris)** 1984 Dec;168(9):1071-2 **(Fre)**

[Pulmonary function tests at different stages of toxic oil syndrome] Martin Escribano P, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug;20(4):307-12 (Eng. Abstr.) **(Fre)**

[Parasites in feed] Bürger HJ. **DTW** 1985 Jun 7;92(6):218-20 **(Ger)**

[Regulation of harmful chemicals by the food legislation and its official surveillance] Entel HJ. **DTW** 1985 Jun 7;92(6):236–40 (Ger)

[Organochlorine compounds (including polychlorinated biphenyls (PCB)) and carry-over mechanisms] Heeschen W, et al. **DTW** 1985 Jun 7;92(6):221–8 (Ger)

[Feed-storage pests] Ohms JP. **DTW** 1985 Jun 7;92(6):220–1 (Ger)

[Microbiological risks for consumers caused by meat and meat products] Kampelmacher EH. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):161–70 (32 ref.) (Ger)

[Diseases of fresh-water fish as an impairment of fish for human consumption] Schlotfeldt HJ. **Tierarztl Prax** 1984;12(2):263–8 (Ger)

[The global problem of foodborne infections and intoxications] Käferstein FK. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb;180(2–3):335–42 (Eng. Abstr.) (Ger)

[First isolation of Yersinia enterocolitica in several horticultural products intended usually to be consumed fresh] Cavazzini G, et al. **Boll Ist Sieroter Milan** 1982;61(5):428–31 (Eng. Abstr.) (Ita)

[Pathogenic role of aflatoxins in humans] Jakubowska D, et al. **Przegl Lek** 1984;41(9):571–5 (55 ref.) (Pol)

[Food inhibitors of the formation of carcinogenic nitroso compounds] Rubenchik BL, et al. **Vopr Pitan** 1985 Jan–Feb;(1):48–51 (Eng. Abstr.) (Rus)

[Toxic oil syndrome and autoimmunity? (letter)] Campos Ferrer A, et al. **Med Clin (Barc)** 1985 May 4;84(17):717 (Spa)

[Toxic oil syndrome and autoimmunity (letter)] Rodríguez de la Serna A. **Med Clin (Barc)** 1985 Jan 12;84(1):40 (Spa)

[Delayed obliterative vasculopathy without interstitial fibrosis in toxic oil syndrome] Sueiro Bendito A, et al. **Med Clin (Barc)** 1985 Feb 16;84(6):237–9 (Eng. Abstr.) (Spa)

[Accidental poisoning caused by carbamate insecticides after the ingestion of grapes (letter)] Solé Violán J, et al. **Rev Clin Esp** 1985 May;176(9):481–2 (Spa)

[Detection of carcinogenic mycotoxins and the producer molds in dried fruits] Sanchis V, et al. **Rev Esp Oncol** 1982;29(3):489–95 (Eng. Abstr.) (Spa)

[Chickens as a vehicle for transporting salmonellae in food] Corral Carranceja J, et al. **Rev Sanid Hig Publica (Madr)** 1983 Sep–Oct;57(9–10):943–7 (Eng. Abstr.) (Spa)

[Outbreak of food poisoning infection in Orihuela (Alicante)] López Lozano JM, et al. **Rev Sanid Hig Publica (Madr)** 1983 Sep–Oct;57(9–10):1039–53 (Eng. Abstr.) (Spa)

[Microbiological quality of frozen Pleuronectiformes fish] Marín Villarejo MC, et al. **Rev Sanid Hig Publica (Madr)** 1983 Sep–Oct;57(9–10):933–41 (Eng. Abstr.) (Spa)

[Aflatoxins in cacao creams and similar products] Serrano Castejón I, et al. **Rev Sanid Hig Publica (Madr)** 1984 May–Jun;58(5–6):489–94 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

Lead poisoning in a West Bank Arab Village. Hershko C, et al. **Arch Intern Med** 1984 Oct;144(10):1969–73

Food contamination [letter] Kawane H. **Arch Intern Med** 1984 Oct;144(10):2100

ANALYSIS

Ammonia-like taint and creatine, creatinine and dimethylamine contents in reindeer meat. Rogstadkjaernet M, et al. **Acta Vet Scand** 1985;26(1):143–4

Sources of N-nitrosamine contamination in foods. Hotchkiss JH. **Adv Exp Med Biol** 1984;177:287–98 (47 ref.)

Confirmation of ethylene dibromide in fruits and grains by mass spectrometry. Cairns T, et al. **Anal Chem** 1984 Oct;56(12):2138–41

Zeeman-corrected graphite furnace atomic-absorption spectrometric screening method for the determination of lead in infant formulas and powdered milks. Andersen JR. **Analyst** 1985 Mar;110(3):315–6

Determination by atomic-absorption spectrometry of lead in tin coatings intended to come into contact with food. Chapman AH, et al. **Analyst** 1985 Feb;110(2):159–62

Collaborative study of a graphite-furnace atomic-absorption screening method for the determination of lead in infant formulas. Dabeka RW. **Analyst** 1984 Oct;109(10):1259–63

Bioassay screening for toxicants in oil samples from the toxic-oil syndrome outbreak in Spain. Turner WE, et al. **Arch Environ Contam Toxicol** 1985 May;14(3):261–71

Prevalence of Salmonella contamination in market-ready geese in Manitoba. Mann ED, et al. **Avian Dis** 1984 Oct–Dec;28(4):978–83

Chemical ionization mass spectrometry of iprodione and its metabolites. Cairns T, et al. **Biomed Mass Spectrom** 1984 Nov;11(11):589–93

Removal of GC background interferences from reagents used in fumigant analysis. Daft JL. **Bull Environ Contam Toxicol** 1985 Jul;35(1):44–50

Contamination of silos in Switzerland by PCB residues in coatings. de Alencastro LF, et al. **Bull Environ Contam Toxicol** 1984 Sep;33(3):270–6

Metabolism in the rat of cadmium biocomplexes from edible mussel exposed to 109CdCl2. Marafante E, et al. **Ecotoxicol Environ Safety** 1985 Apr;9(2):209–15

Polychlorinated biphenyl poisoning: correlation of sensory and motor nerve conduction, neurologic symptoms, and blood levels of polychlorinated biphenyls, quaterphenyls, and dibenzofurans. Chen RC, et al. **Environ Res** 1985 Aug;37(2):340–8

Personal exposure to volatile organic compounds. I. Direct measurements in breathing-zone air, drinking water, food, and exhaled breath. Wallace LA, et al. **Environ Res** 1984 Oct;35(1):293–319

Additive migration from various plastics with different processing or properties into test fat HB 307. Figge K, et al. **Food Addit Contam** 1984 Oct–Dec;1(4):337–47

Mutagen content of wines contaminated with common yeasts. Subden RE, et al. **Food Chem Toxicol** 1985 Mar;23(3):343–7

Transport of elements from soil to human diet: an alternative approach to pathway analysis. Cohen BL. **Health Phys** 1985 Aug;49(2):239–45

Contamination levels in different food items & dietary intake of organochlorine pesticide residues in India. Kaphalia BS, et al. **Indian J Med Res** 1985 Jan;81:71–8

Extraction of light filth from whole peppermint leaves: collaborative study. Boese J, et al. **J Assoc Off Anal Chem** 1985 Jul–Aug;68(4):697–8

Mass spectrometry and identification of sterols in vegetable oils as butyryl esters and relative quantitation by gas chromatography with flame ionization detection. Brumley WC, et al. **J Assoc Off Anal Chem** 1985 Jul–Aug;68(4):701–9

Gas chromatographic determination of residues of bromopropylate and two of its degradation products in honey. Formica G. **J Assoc Off Anal Chem** 1984 Sep–Oct;67(5):896–901

Improved polarographic method for determination of glyphosate herbicide in crops, soil, and water. Friestad HO, et al. **J Assoc Off Anal Chem** 1985 Jan–Feb;68(1):76–9

Determination of chlorinated methylthiobenzenes and their sulfoxides and sulfones in fish. Gardner AM, et al. **J Assoc Off Anal Chem** 1984 Nov–Dec;67(6):1082–5

Determination of captan, folpet, and captafol in fruits and vegetables, using two multiresidue methods. Gilvydis DM, et al. **J Assoc Off Anal Chem** 1984 Sep–Oct;67(5):909–12

Improved method for extraction of light filth from 90% rye brain crisp bread. Haynos RR. **J Assoc Off Anal Chem** 1985 Jan–Feb;68(1):17–9

Liquid chromatographic determination of trace residues of polynuclear aromatic hydrocarbons in smoked foods. Joe FL Jr, et al. **J Assoc Off Anal Chem** 1984 Nov–Dec;67(6):1076–82

Liquid chromatographic determination of sodium fluoroacetate (Compound 1080) in meat baits and formulations. Kramer HL. **J Assoc Off Anal Chem** 1984 Nov–Dec;67(6):1058–61

Isotopic composition of carbon in vinegars. Krueger DA, et al. **J Assoc Off Anal Chem** 1985 May–Jun;68(3):449–52

The FDA Surveillance Index for Pesticides: establishing food monitoring priorities based on potential health risk. Reed DV. **J Assoc Off Anal Chem** 1985 Jan–Feb;68(1):122–4

Development of a quality assurance program for determination of ultratrace background levels of lead and cadmium in raw agricultural crops by differential pulse anodic stripping voltammetry. Satzger RD, et al. **J Assoc Off Anal Chem** 1984 Nov–Dec;67(6):1138–40

Sensitive determination of nitrite and nitrate by ion-exchange chromatography. Eek L, et al. **J Chromatogr** 1985 Apr 10;322(3):491–7

The bacteriological safety of unpasteurized cured meat products in response to the manufacturing processes. Shigehisa T, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):443–52

Poisonous plants contaminating edible ones and toxic substances in plant foods. Part 3. Pyrrolizidine alkaloids from Heliotropium digynum Forssk. (= H. luteum, Poir.). Hammouda FM, et al. **Pharmazie** 1984 Oct;39(10):703–5

Effect of heat drying of corn on the extraction of citrinin. Nelson TS, et al. **Poult Sci** 1985 May;64(5):866–70

Environmental lead exposure of an urban Indian population. Khandekar RN, et al. **Sci Total Environ** 1984 Dec;40:269–78

Guidelines for the study of dietary intakes of chemical contaminants. **WHO Offset Publ** 1985;(87):1–102

Organochlorine pesticides and polychlorinated biphenyls in herring from the southern Baltic, 1981. Falandysz J. **Z Lebensm Unters Forsch** 1984 Jul;179(1):20–3

A tentative classification of agricultural foods exposed to roadside lead contamination. Favretto LG. **Z Lebensm Unters Forsch** 1984 Jun;178(6):450–2

Bacteriological flora of meat and meat products. Zahra MK, et al. **Zentralbl Mikrobiol** 1985;140(1):55–8

[Chemical composition of the meat of chickens treated with antibiotics] Ionova I, et al. **Vet Med Nauki** 1985;22(3):48–53 (Eng. Abstr.) (Bul)

[Levels of contamination in preserved fruits and vegetables by metals] Noirfalise A, et al. **Arch Belg** 1984;42(9–10):471–81 (Eng. Abstr.) (Fre)

[Experimental studies on the fluorescence serological demonstration of salmonellas in feed yeast] Schulz G, et al. **Arch Exp Veterinarmed** 1984 Jul;38(4):565–71 (Eng. Abstr.) (Ger)

[Toxic elements in feed] Crössmann G. **DTW** 1985 Jun 7;92(6):232–3 (Ger)

[Toxins, especially mycotoxins, in feed] Gedek B. **DTW** 1985 Jun 7;92(6):215–8 (Eng. Abstr.) (Ger)

[Contaminating viruses in feed] Haas L, et al. **DTW** 1985 Jun 7;92(6):212–5 (Eng. Abstr.) (Ger)

[Residues of plant protective compounds in feed] Kampe W. **DTW** 1985 Jun 7;92(6):228–31 (Ger)

[Study of mussels in a production area] Schulze K. **DTW** 1985 May 7;92(5):168–70 (Eng. Abstr.) (Ger)

[Residues and pollutants in breast milk] **Monatsschr Kinderheilkd** 1984 Oct;132(10):811–3 (Ger)

[Histamine and fish hygiene] Askar A. **Z Gesamte Hyg** 1984 Dec;30(12):699–701 (Eng. Abstr.) (Ger)

[Food public health-toxicologic evaluation in the use of plant protective agents and agents for the control of biological processes in East Germany] Beitz H, et al. **Z Gesamte Hyg** 1984 Dec;30(12):687–90 (Eng. Abstr.) (Ger)

[Detection of volatile carcinogenic nitrosamines in foods with an instrumental combination of the gas chromatograph and thermal energy analyzer] Fritz W, et al. **Z Gesamte Hyg** 1984 Jul;30(7):396–9 (Eng. Abstr.) (Ger)

[Evaluation of an analysis instruction for the detection of volatile carcinogenic nitrosamines in foods with the instrumental combination of the gas chromatograph and thermal energy analyzer] Fritz W, et al. **Z Gesamte Hyg** 1984 Jul;30(7):400–2 (Eng. Abstr.) (Ger)

[Food toxicology problems in the handling of treated seed grains] Manthey G, et al. **Z Gesamte Hyg** 1984 Dec;30(12):717–9 (Eng. Abstr.) (Ger)

[Residual content of solvents of packing materials—analysis and recommendations for tolerance values] Zenner HF, et al. **Z Gesamte Hyg** 1984 Nov;30(11):622–4 (Eng. Abstr.) (Ger)

[Formic acid in ginger bread—an adulterant?] Ayuto M, et al. **Z Lebensm Unters Forsch** 1984 Sep;179(3):243–4 (Eng. Abstr.) (Ger)

[Determination of deoxynivalenol and nivalenol in cereals at the microgram/kilogram range] Blaas W, et al. **Z Lebensm Unters Forsch** 1984 Aug;179(2):104–8 (Eng. Abstr.) (Ger)

[Organochlorine pesticide residues in raw and roasted coffee and their degradation during the roasting process] Cetinkaya M, et al. **Z Lebensm Unters Forsch** 1984 Jul;179(1):5–8 (Eng. Abstr.) (Ger)

[Chemical analysis of veterinary drugs in food. 1. General methods and gas chromatographic procedures] Petz M. **Z Lebensm Unters Forsch** 1985 Apr;180(4):267–79 (79 ref.) (Eng. Abstr.) (Ger)

[The amount of mercury, cadmium and lead found in meals in communities of the city of Rome] Melchiorri C, et al. **Nuovi Ann Ig Microbiol** 1984 Jan–Feb;35(1):3–12 (Eng. Abstr.) (Ita)

[Analysis of food contamination with chlorinated hydrocarbon residues in a student cafeteria] Amarowicz R, et al. **Rocz Panstw Zakl Hig** 1984;35(4):323–6 (Eng. Abstr.) (Pol)

[Effect of emissions in the region of the Stalowa Huta plant and power station on the content of various trace elements of selected vegetables and fruit. II. Lead, cadmium, zinc, copper, nickel and iron content of fruit] Błoniarz J, et al. **Rocz Panstw Zakl Hig** 1984;35(2):119–24 (Eng. Abstr.) (Pol)

[Detection and analysis of patulin in domestic fruit wines] Czerwiecki L. **Rocz Panstw Zakl Hig** 1984;35(4):347–9 (Eng. Abstr.) (Pol)

[Lead, cadmium, arsenic, copper, zinc, iron and magnesium content of muscles of slaughterhouse animals. I. Muscle tissue of swine, 1975–1983] Falandysz J, et al. **Rocz Panstw Zakl Hig** 1984;35(6):505–13 (Eng. Abstr.) (Pol)

[Levels of lead, cadmium, arsenic, copper, zinc, iron and manganese of the muscles of slaughterhouse animals. II. Muscle tissue of cattle 1975–1983] Falandysz J, et al. **Rocz Panstw Zakl Hig** 1985;36(1):22–7 (Eng. Abstr.) (Pol)

[Arsenic content of plant food products from the vicinity of copper-processing plants] Grajeta H, et al. **Rocz Panstw Zakl Hig** 1984;35(5):393–7 (Eng. Abstr.) (Pol)

[Evaluation of lead exposure of the population of selected regions in the Legnica-Glogów Copper Mining District by the indicator method] Gzyl J, et al. **Rocz Panstw Zakl Hig** 1984;35(5):399–403 (Eng. Abstr.) (Pol)

[Chromium content of plant food products from the environs of a copper-processing plant] Ilow R, et al. **Rocz Panstw Zakl Hig** 1984;35(3):217–20 (Eng. Abstr.) (Pol)

[Determination of monensin in eggs] Karkocha I. **Rocz Panstw Zakl Hig** 1984;35(3):247–8 (Eng. Abstr.) (Pol)

[Food contamination with nitrates and nitrites. II. Meat products and prepared foods] Karłowski K, et al. **Rocz Panstw Zakl Hig** 1984;35(5):411–6 (Eng. Abstr.) (Pol)

[Methods of evaluating vegetable crops in areas of increased emission of pollutants in the Katowice district] Kucharski R, et al. **Rocz Panstw Zakl Hig** 1984;35(3):221–31 (Eng. Abstr.) (Pol)

[Determination of organophosphate insecticide residues in milk] Ludwicki J. **Rocz Panstw Zakl Hig** 1984;35(3):243–6 (Eng. Abstr.) (Pol)

[Cadmium and lead concentrations in potato samples from various regions of Poland] Marchwińska E, et al. **Rocz Panstw Zakl Hig** 1984;35(2):113–8 (Eng. Abstr.) (Pol)

[Comparative determination of the total mercury in food by the dithizone method and flameless atomic-absorption spectrophotometry] Nabrzyski M, et al. **Rocz Panstw Zakl Hig** 1984;35(2):125-30 (Eng. Abstr.) **(Pol)**

[Evaluation of the daily intake of mercury, lead and cadmium in the meals of selected population groups] Olejnik D, et al. **Rocz Panstw Zakl Hig** 1985;36(1):9-21 (Eng. Abstr.) **(Pol)**

[Chromium content of daily food rations in school cafeterias] Regulska B, et al. **Rocz Panstw Zakl Hig** 1984;35(4):333-6 (Eng. Abstr.) **(Pol)**

[Detection of flavomycin in eggs] Rybińska K. **Rocz Panstw Zakl Hig** 1984;35(2):131-3 (Eng. Abstr.) **(Pol)**

[Chemical contamination of daily meals of selected population groups. I. Preliminary analysis of mercury, lead, cadmium and polychlorinated biphenyls (PCB) in daily food rations from selected students' cafeteria] Smoczyński S, et al. **Rocz Panstw Zakl Hig** 1984;35(3):209-16 (Eng. Abstr.) **(Pol)**

[Nitrates and nitrites in food rations of preschool children] Szponar L, et al. **Rocz Panstw Zakl Hig** 1984;35(4):317-21 (Eng. Abstr.) **(Pol)**

[Cadmium, lead and mercury content of food in student cafeterias] Szymczak J, et al. **Rocz Panstw Zakl Hig** 1984; 35(4):327-32 (Eng. Abstr.) **(Pol)**

[Analysis of herbicide residues from the group of aromatic acid derivatives in plants] Zadrozińska J, et al. **Rocz Panstw Zakl Hig** 1984;35(5):423-9 (Eng. Abstr.) **(Pol)**

[Beryllium in the external environment and in the human body] Bugrushev PF, et al. **Gig Sanit** 1985 May;(5):54-8 **(Rus)**

[Content of nitroso compounds in fish from the central Ob River region] Bychkov VG, et al. **Gig Sanit** 1985 Jun; (6):70-1 **(Rus)**

[Gas-chromatographic analysis of nitrates in food products] Dmitriev MT, et al. **Gig Sanit** 1985 Feb;(2):51-2 **(Rus)**

[Contamination of food products with patulin] Dvali GN, et al. **Vopr Pitan** 1985 Jan-Feb;(1):45-7 (Eng. Abstr.) **(Rus)**

[Heavy metal content of canned fruit and vegetables] Gel'fand SIu, et al. **Vopr Pitan** 1984 Nov-Dec;(6):65-6 **(Rus)**

[Volatile N-nitrosamines in sausage products] Karmysheva LF, et al. **Vopr Pitan** 1985 Jan-Feb;(1):51-4 (Eng. Abstr.) **(Rus)**

[Aflatoxin contamination of raw foodstuffs, food products and feeds in the Kazakh SSR from 1981 through 1983] Kulmanov ME. **Vopr Pitan** 1985 May-Jun;(3):63-6 (Eng. Abstr.) **(Rus)**

[Carcinogenic nitrosamine content of food products of the Moldavian SSR] Pimenova VV, et al. **Vopr Pitan** 1985 Mar-Apr;(2):58-62 (Eng. Abstr.) **(Rus)**

[Content of carcinogenic nitroso compounds in food products] Pimenova VV, et al. **Vopr Pitan** 1985 May-Jun; (3):66-70 (Eng. Abstr.) **(Rus)**

[Use of alternating-current polarography for determining the lead and cadmium content of wheat grain] Shcheglova IIu, et al. **Vopr Pitan** 1984 Jul-Aug;(4):60-3 (Eng. Abstr.) **(Rus)**

[Metal content of food products from different regions of the country] Shtenberg AI. **Vopr Pitan** 1984 Nov-Dec; (6):11-7 **(Rus)**

[Toxicological characteristics of disodium salt of N-lauroyl-L-glutamic acid—a surface-active agent used in the food processing industry] Zaitsev AN, et al. **Vopr Pitan** 1984 Jul-Aug;(4):58-60 (Eng. Abstr.) **(Rus)**

ECONOMICS

Economic consequences of contaminated food in trade. **Food Nutr (Roma)** 1983;9(2):45-8

PREVENTION & CONTROL

Defenses against aflatoxin carcinogenesis in humans. Masri MS. **Adv Exp Med Biol** 1984;177:115-46

Antimicrobic effects of Lactobacillus fermentation on edible waste material contaminated with infected carcasses. Shotts EB Jr, et al. **Am J Vet Res** 1984 Nov;45(11):2467-70

Phosphine fumigation of thick-film polyethylene food bags and laminated film food packets. Highland HA, et al. **J Econ Entomol** 1984 Aug;77(4):1041-5

The role of food safety in health and development. Abdussalam M. **WHO Chron** 1984;38(3):99-103

[Chloramphenicol: viewpoint and regulations in Switzerland] Häsler S. **Ann Rech Vet** 1985;16(2):163-4 **(Fre)**

[Criteria for the use of chloramphenicol in breeding farms in Italy] Macri A. **Ann Rech Vet** 1985;16(2):169-71 **(Fre)**

[Mycotoxins and food contamination] Jemmali M. **Arch Inst Pasteur Tunis** 1983 Dec;60(3-4):381-92 (Eng. Abstr.) **(Fre)**

[Timely food control for effective consumer protection] Untermann F. **Schweiz Arch Tierheilkd** 1985 Feb; 127(2):171-84 **(Ger)**

[Veterinarian's options and restrictions during and following the administration of drugs to food-producing animals] Schlatterer B. **Tierarztl Prax** 1984;12(2):269-79 **(Ger)**

[Infection prevention in animal husbandry. A contribution to the improvement of the sanitary consumer protection] Grossklaus D. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb;180(2-3):225-40 (Eng. Abstr.) **(Ger)**

[Pest control in food establishments] Hoffmann G. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb; 180(2-3):263-81 (Eng. Abstr.) **(Ger)**

[Production hygiene for quality assurance] Mrozek H. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb; 180(2-3):241-62 (Eng. Abstr.) **(Ger)**

[Salmonellas in feedstuffs] Pietzsch O, et al. **Zentralbl Veterinarmed [B]** 1984 Jun;31(5):343-57 (Eng. Abstr.) **(Ger)**

[Hygienic evaluation of articles made of plastics intended for contact with food] Mazur H, et al. **Rocz Panstw Zakl Hig** 1984;35(3):253-7 (Eng. Abstr.) **(Pol)**

[Effect of various chemicals on Yersinia viability] Dogel' LZ, et al. **Gig Sanit** 1984 Sep;(9):33-4 (Eng. Abstr.) **(Rus)**

FOOD CONTAMINATION, RADIOACTIVE

The processing of whole milk powder from milk contaminated with 131I and its consequences for the environment. Mogot MF, et al. **Health Phys** 1984 Oct; 47(4):644-8

Evaluation of radiation dose from a coal-fired power plant. Nakaoka A, et al. **Health Phys** 1985 Feb;48(2):215-20

Ingestion pathway factor in dose assessment for annual airborne releases of radioactivity. Vold E. **Health Phys** 1984 Sep;47(3):429-41

[Characteristic features of the intestinal absorption of 241Am contained in the dairy and plant products] Zaliskin GA, et al. **Gig Sanit** 1984 Oct;(10):69-70 **(Rus)**

ANALYSIS

Radiocesium levels in Irish Sea fish and the resulting dose to the population of the Irish Republic. McAulay IR, et al. **Health Phys** 1985 Mar;48(3):333-7

A field study of Ra accumulation in trout with assessment of radiation dose to man. Rope SK, et al. **Health Phys** 1985 Aug;49(2):247-57

The uptake of plutonium-238, 239, 240, americium-241, strontium-90 and caesium-137 into potatoes. Popplewell DS, et al. **Sci Total Environ** 1984 Sep;38:173-81

[Method of preparation of samples of food raw materials and foodstuffs for analysis of Sr-90 and Cs-137 content] Antonova VA, et al. **Gig Sanit** 1984 Dec;(12):38-9 **(Rus)**

[Migration of Sr-90 and Mn-54 from soil and irrigation water to agricultural crops grown in different types of soil] Tomilin IuA. **Gig Sanit** 1984 Dec;(12):16-9 (Eng. Abstr.) **(Rus)**

[Radioactive aerosol content of atmospheric air and food products in Moscow in 1982 and 1983] Zykova AS, et al. **Gig Sanit** 1985 Mar;(3):35-8 (Eng. Abstr.) **(Rus)**

FOOD DEPRIVATION

Effects of variable caloric restriction on utilization of ingested energy in rats. Hill JO, et al. **Am J Physiol** 1985 May;248(5 Pt 2):R549-59

Food restriction increases torpor and improves brown adipose tissue thermogenesis in ob/ob mice. Himms-Hagen J. **Am J Physiol** 1985 May;248(5 Pt 1):E531-9

Free fatty acid-induced hypocalcemia in food-deprived dairy cattle. Stevens JB, et al. **Am J Vet Res** 1984 Nov; 45(11):2448-50

Deprivation, palatability and the micro-structure of meals in human subjects. Bellisle F, et al. **Appetite** 1984 Jun; 5(2):85-94

Skeletal muscle aging in the hind limb of the old male Wistar rat: inhibitory effect of hypophysectomy and food restriction. Everitt AV, et al. **Arch Gerontol Geriatr** 1985 Jul;4(2):101-15

Nutritional stress as a cause of thymic atrophy in broiler chickens. Griffiths GL, et al. **Avian Dis** 1985 Jan-Mar; 29(1):103-6

Food deprivation and exercise in the heat: thermoregulatory and metabolic effects. Francesconi RP, et al. **Aviat Space Environ Med** 1985 Aug;56(8):771-6

Effects of food deprivation upon behavioral patterns and time budgeting of Aplysia fasciata. Susswein AJ. **Behav Neural Biol** 1984 Nov;42(2):127-33

Regulation of the multiple molecular forms of rat liver glucose 6-phosphate dehydrogenase by insulin and dietary restriction. Martins RN, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):136-42

Influence of restricted food intake on brown adipose tissue function in genetically obese mice (genotype, ob/ob). Batt RA, et al. **Biochim Biophys Acta** 1985 Feb 15;838(2):229-35

Ontogenetic alterations in the effects of food and/or maternal deprivation on 5-HT, 5-HIAA and 5-HIAA/5-HT ratios. Spear LP, et al. **Brain Res** 1985 Feb;350(1-2):143-57

On the role of the mouth and gut in the control of saccharin and sugar intake: a reexamination of the sham-feeding preparation. Sclafani A, et al. **Brain Res Bull** 1985 Jun; 14(6):569-76

Effect of food restriction on cold adaptability of rats. Kuroshima A, et al. **Can J Physiol Pharmacol** 1985 Jan; 63(1):68-71

Effect of chronic undernutrition on glucuronide and glutathione conjugation in rat liver. Rajpurohit R, et al. **Drug Nutr Interact** 1985;3(3):121-8

Effects of food deprivation on the feedback regulation of the hypothalamic-pituitary-thyroid axis of the rat. Connors JM, et al. **Endocrinology** 1985 Sep;117(3):900-6

In vivo DNA synthesis in the dietary restricted long-lived rat. Merry BJ, et al. **Exp Gerontol** 1985;20(1):15-28

Ironies and tensions in feeding the dying. Capron AM. **Hastings Cent Rep** 1984 Oct;14(5):32-5

Life as a work of art. Cassell EJ. **Hastings Cent Rep** 1984 Oct;14(5):35-7

Effects of restricted maternal contact in neonatal rats on sexual behaviour in the adult. Forsberg G, et al. **J Endocrinol** 1985 Mar;104(3):427-31

Sleep and nutritional deprivation and performance of house officers. Hawkins MR, et al. **J Med Educ** 1985 Jul; 60(7):530-5

Maternal organ distribution of cardiac output in the diet-restricted pregnant rat. Ahokas RA, et al. **J Nutr** 1984 Dec;114(12):2262-8

Brain mRNA translatability in rats: changes during long-term dietary restriction in the developmental period of life. Srivastava US, et al. **J Nutr** 1984 Dec;114(12):2353-64

Effects of withholding food for 0-72 h on mating, pregnancy rate and pituitary function in female rats. McClure TJ, et al. **J Reprod Fertil** 1985 May;74(1):57-64

Effects of bombesin on body temperature and oxygen consumption in food-deprived rats. Babcock AM, et al. **Neuropharmacology** 1984 Nov;23(11):1357-8

Long-term alterations in the maternal behavior of neonatally undernourished rats. Salas M, et al. **Physiol Behav** 1984 Aug;33(2):273-8

The effect of food restriction during rearing on fasting heat production of layer strain pullets and hens. Johnson RJ, et al. **Poult Sci** 1984 Dec;63(12):2384-90

Thymic epithelial cells of severely undernourished mice: accumulation of cholesteryl esters and absence of cytoplasmic vacuoles. Mittal A, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):385-91

Influence of tansy ragwort (Senecio jacobaea), dietary copper, and feed restriction on the subcellular distribution of minerals in rat liver. Miranda CL, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):62-8

Ozone exposure, food restriction and protein deficiency: changes in collagen and elastin in rodent lung. Myers BA, et al. **Toxicol Lett** 1984 Oct;23(1):43-9

[Histo-autoradiographic study of the gastric mucus secretion in the rat's stomach. 1. Effect of starvation, water ingestion, and ingestion of an antacid] Rateau JG, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Feb-Mar; 21(2):121-4 **(Fre)**

PHYSIOLOGY

Increase in ethanol consumption in rats due to caloric deficit. Stiglick A, et al. **Alcohol** 1984 Sep-Oct;1(5):413-5

Differential effects of food restriction on pituitary-testicular function in mice. Blank JL, et al. **Am J Physiol** 1985 Feb; 248(2 Pt 2):R181-9

Does food restriction retard aging by reducing the metabolic rate? McCarter R, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):E488-90

Is gastric sham feeding really sham feeding? Sclafani A, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):R387-90

Ventromedial and lateral hypothalamic injections of naloxone or naltrexone suppress the acute food intake of food-deprived rats. Thornhill JA, et al. **Appetite** 1984 Mar; 5(1):25-30

Food restriction and reproductive development in wild house mice. Hamilton GD, et al. **Biol Reprod** 1985 May; 32(4):773-8

Altered negative feedback response to ovariectomy and estrogen in prepubertal restricted-diet rats. Piacsek BE. **Biol Reprod** 1985 Jun;32(5):1062-8

Effect of feed and water deprivation or force-feeding on plasma prolactin concentration in turkey hens. Zadworny D, et al. **Biol Reprod** 1985 Mar;32(2):241-7

Effect of restricted nutrition on puberty in the lamb: patterns of tonic luteinizing hormone (LH) secretion and competency of the LH surge system. Foster DL, et al. **Endocrinology** 1985 Jan;116(1):375-81

Aging and dietary modulation of rat skeleton and parathyroid hormone. Kalu DN, et al. **Endocrinology** 1984 Oct; 115(4):1239-47

Effects of cadmium ingestion and food restriction on energy metabolism and tissue metal concentrations in mallard ducks (Anas platyrhynchos). Di Giulio RT, et al. **Environ Res** 1985 Aug;37(2):433-44

Influence of prefast feed intake on recovery from feed and water deprivation by beef steers. Cole NA, et al. **J Anim Sci** 1985 Mar;60(3):772-80

Norepinephrine turnover in the hypothalamus of adult male rats: alteration of circadian patterns by semistarvation. Schweiger U, et al. **J Neurochem** 1985 Sep;45(3):706-9

Effect of dietary restriction on liver protein synthesis in rats. Birchenall-Sparks MC, et al. **J Nutr** 1985 Jul;115(7):944-50

Reduced and compensatory growth: endocrine and metabolic changes during food restriction and refeeding in steers. Blum JW, et al. **J Nutr** 1985 Apr;115(4):417-24

Effects of beef, soy and conventional diets on body composition and plasma lipids of young pigs fed restricted or liberal amounts of diet. Diersen-Schade DA, et al. **J Nutr** 1985 Aug;115(8):1016-24

Effects of protein deficiency and food restriction on lung ascorbic acid and glutathione in rats exposed to ozone. Dubick MA, et al. **J Nutr** 1985 Aug;115(8):1050-6

Loss of tissues in female rats subjected to food restriction during lactation or during both gestation and lactation. Glore SR, et al. **J Nutr** 1985 Feb;115(2):233-42

Severe feed restriction of pregnant swine and rats: effects on postweaning growth and body composition of progeny. Pond WG, et al. **J Nutr** 1985 Feb;115(2):179-89

Effects of protein-free diet and food deprivation on hepatic rhodanese activity, serum proteins and acute cyanide lethality in mice. Rutkowski JV, et al. **J Nutr** 1985 Jan; 115(1):132-7

Performance maintained by orally delivered phencyclidine under second-order, tandem and fixed-interval schedules in food-satiated and food-deprived rhesus monkeys. Carroll ME. **J Pharmacol Exp Ther** 1985 Feb;232(2):351-9

Inhibitory influences of FMRFamide on morphine- and deprivation-induced feeding. Kavaliers M, et al. **Neuroendocrinology** 1985 Jun;40(6):533-5

Metabolic performance of free fed rats subjected to prolonged fast as compared to the metabolic pattern in rats under long term food restriction. Curi R, et al. **Physiol Behav** 1984 Oct;33(4):525-31

Urinary chemosignals and puberty in female house mice: effects of photoperiod and food deprivation. Drickamer LC. **Physiol Behav** 1984 Dec;33(6):907-11

Inhibitory controls of ingestion in 6-day-old rat pups. Hall WG, et al. **Physiol Behav** 1984 May;32(5):831-41

Nociceptive thresholds following food restriction and return to free-feeding. Hamm RJ, et al. **Physiol Behav** 1984 Sep; 33(3):499-501

Intakes of feed and water following restriction in selected and nonselected broilers. Marks HL, et al. **Poult Sci** 1984 Dec;63(12):2307-17

Self-deprivation: a review. Frank RA, et al. **Psychol Bull** 1984 Sep;96(2):384-93 (56 ref.)

Increased phencyclidine self-administration due to food deprivation: interaction with concentration and training conditions. Carroll ME, et al. **Psychopharmacology (Berlin)** 1984;84(3):299-303

[Effect of food deprivation on the absorption of chick ovalbumin in adult guinea pigs] Mikhailov LA, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):656-8 (Eng. Abstr.) **(Rus)**

[Comparative analysis of the concentration of monoamines in the brain of the rat during food and water deprivation] Timofeev NA, et al. **Zh Vyssh Nerv Deiat** 1984 Sep-Oct; 34(5):980-1 **(Rus)**

FOOD DISPENSERS, AUTOMATIC see under **FOOD SERVICES**

FOOD, DRIED see **FOOD PRESERVATION**

FOOD, DRUG AND COSMETIC ACT see **LEGISLATION, DRUG**

FOOD FADS see **DIET FADS**

FOOD, FORMULATED

Antigen-free diet in adult patients with atopic dermatitis. A double-blind controlled study. Munkvad M, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):524-8

Effect of increased amounts of pectin on a solid-liquid meal digestion in healthy man. Flourie B, et al. **Am J Clin Nutr** 1985 Sep;42(3):495-503

Anthropometric and calorimetric evidence for the protein sparing effects of a new protein supplemented low calorie preparation. Van Gaal LF, et al. **Am J Clin Nutr** 1985 Mar;41(3):540-4

A comparison of two very-low-calorie diets: protein-sparing-modified fast versus protein-formula-liquid diet. Wadden TA, et al. **Am J Clin Nutr** 1985 Mar;41(3):533-9

Limited efficacy of early postoperative jejunal feeding. Hayashi JT, et al. **Am J Surg** 1985 Jul;150(1):52-7

Migraine: a diagnostic test for etiology of food sensitivity by a nutritionally supported fast and confirmed by long-term report. Hughes EC, et al. **Ann Allergy** 1985 Jul; 55(1):28-32

Effect of spinning and additional cross-linking with dialdehyde starch or aluminum ions on the digestibility and quality of casein-Vicia faba protein isolate mixtures. Seidler W, et al. **Ann Nutr Metab** 1985;29(3):184-8

The complementation effects on dietary protein of ungerminated and germinated mung bean (Phaseolus aureus) with rice. Noor MI, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):366-75

Elemental diet as prophylaxis against radiation injury. Histological and ultrastructural studies. McArdle AH, et al. **Arch Surg** 1985 Sep;120(9):1026-32

A semi-elemental diet with low osmolarity and high content of hydrolyzed lactalbumin in the treatment of acute diarrhea in malnourished children. Eichenberger JR, et al. **Arq Gastroenterol** 1984 Jul-Sep;21(3):130-5

Nutritional support in acute organ failure. Kleinberger G, et al. **Bibl Nutr Dieta** 1985;(35):71-84 (24 ref.)

Microbial protein synthesis in cattle given roughage-concentrate and all-concentrate diets: the use of 2,6-diaminopimelic acid, 2-aminoethylphosphonic acid and 35S as markers. Whitelaw FG, et al. **Br J Nutr** 1984 Sep;52(2):249-60

Tolerance of elemental diet administered without starter regimen. Rees RG, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1869-70

Comparison of essential nutrient supplement effects on rat growth and dental caries. Mundorff SA, et al. **Caries Res** 1984;18(6):527-35

Comparison of intraluminal and intravenous mediators of colonic response to eating. Levinson S, et al. **Dig Dis Sci** 1985 Jan;30(1):33-9

Explosion-safe, enema-free, nutritious colonoscopy preparation using a prepackaged formula diet. Kruss DM, et al. **Gastrointest Endosc** 1985 Feb;31(1):18-21

Relative nutritional value of whole protein, hydrolysed protein and free amino acids in man. Moriarty KJ, et al. **Gut** 1985 Jul;26(7):694-9

Enteral nutrition: beliefs and practices of physicians and dietitians in one hospital. Feitelson M. **J Am Diet Assoc** 1985 Jun;85(6):711-3

Dilution errors in enteral formulas [letter] Johnson MM. **J Am Diet Assoc** 1985 Jun;85(6):735

Enhancing enteral nutrition delivery: development of an enteral preparation facility. Krey SH, et al. **J Am Diet Assoc** 1985 Jun;85(6):693-7

Dilution factors for commercial enteral formulas. Posner GF, et al. **J Am Diet Assoc** 1984 Oct;84(10):1219-20

Pancreatic enzyme response to a liquid meal and to hormonal stimulation. Correlation with plasma secretin and cholecystokinin levels. Beglinger C, et al. **J Clin Invest** 1985 May;75(5):1471-6

Use of nonfat dry milk to block nonspecific nuclear and membrane staining by avidin conjugates. Duhamel RC, et al. **J Histochem Cytochem** 1985 Jul;33(7):711-4

Frequency analysis of functional immunoglobulin C- and V-gene expression by mitogen-reactive B cells in germfree mice fed chemically defined ultra-filtered 'antigen-free' diet. Hooijkaas H, et al. **J Immunol** 1985 Apr;134(4):2223-7

Growth of bacteria in enteral feeding solutions. Anderton A. **J Med Microbiol** 1985 Aug;20(1):63-8

Enteral hyperalimentation in head injury. Clifton GL, et al. **J Neurosurg** 1985 Feb;62(2):186-93

Early onset of essential fatty acid deficiency in patients with cystic fibrosis receiving a semisynthetic diet. Parsons HG, et al. **J Pediatr** 1984 Dec;105(6):958-61

Dietary supplements in cystic fibrosis [letter] Warwick WJ. **J Pediatr** 1984 Dec;105(6):1007-8

Nitrogen utilization from elemental diets. Albina JE, et al. **JPEN** 1985 Mar-Apr;9(2):189-95

Energy and mineral utilization from a peptide-based elemental diet and a polymeric enteral diet given to ileostomists in the early postoperative course. Andersson H, et al. **JPEN** 1984 Sep-Oct;8(5):497-500

High-branched chain amino acid solutions: relationship of composition to efficacy. Bonau RA, et al. **JPEN** 1984 Nov-Dec;8(6):622-7

Effect of branched-chain amino acids and insulin on postinjury protein catabolism in growing animals [letter] Freund HR. **JPEN** 1985 Jan-Feb;9(1):71

Comparison of intravenous glucose and fat calories on host and tumor growth. Hak LJ, et al. **JPEN** 1984 Nov-Dec; 8(6):657-9

Use of 20% fat emulsion in peripheral parenteral nutrition. Kehoe JE, et al. **JPEN** 1984 Nov-Dec;8(6):647-51

Optimal lipid content for enteral diets following thermal injury. Mochizuki H, et al. **JPEN** 1984 Nov-Dec; 8(6):638-46

Intestinal consumption of intravenously administered fuels. Souba WW, et al. **JPEN** 1985 Jan-Feb;9(1):18-22

Effect of high percentage medium-chain triglyceride diet on mucosal adaptation following massive bowel resection in rats. Vanderhoof JA, et al. **JPEN** 1984 Nov-Dec;8(6):685-9

Carnitine balance and effects of intravenous L-carnitine in two patients receiving long-term total parenteral nutrition. Worthley LI, et al. **JPEN** 1984 Nov-Dec;8(6):717-9

Effect of chemically defined formula diets on pancreatic mass in the rat. Callegari C, et al. **JPEN J Parenter Enteral Nutr** 1985 May-Jun;9(3):334-8

Bacterial contamination of enteral solutions [letter] Fagerman KE, et al. **JPEN J Parenter Enteral Nutr** 1985 May-Jun; 9(3):378

Noninvasive outpatient nutritional therapy in inflammatory bowel disease. Neidich G, et al. **JPEN J Parenter Enteral Nutr** 1985 May-Jun;9(3):350-2

Bowel function of healthy men consuming liquid diets with and without dietary fiber. Slavin JL, et al. **JPEN J Parenter Enteral Nutr** 1985 May-Jun;9(3):317-21

Is tube feeding with elemental diets a primary therapy of Crohn's disease? Lochs H, et al. **Klin Wochenschr** 1984 Sep 3;62(17):821-5

Defined diets and childhood hyperactivity. National Institutes of Health Consensus Development. **Natl Inst Health Consensus Dev Conf Summ.** 1982;4(3):6 pp

Tube feeding of infants and children. Moore MC, et al. **Pediatr Clin North Am** 1985 Apr;32(2):401-17 (51 ref.)

Analysis of antibiotic stability in a parenteral nutrition solution. Kamen BA, et al. **Pediatr Infect Dis** 1985 Jul-Aug; 4(4):387-9

Role of soy-based, lactose-free formula during treatment of acute diarrhea. Santosham M, et al. **Pediatrics** 1985 Aug; 76(2):292-8

A clinical assessment of Modifast in U.K. general practice. Isaacs AJ, et al. **Postgrad Med J** 1984;60 Suppl 3:74-82

Intestinal adaptation to an elemental diet. Russell RI. **Proc Nutr Soc** 1985 Feb;44(1):87-93 (36 ref.)

Preparation for barium enema: comparison of a commercial formula diet and low-residue, clear-liquid diets in inpatients. Scheurich JW, et al. **South Med J** 1985 Jul; 78(7):838-40

[Parenteral feeding in newborn infants; amino acids. The Parenteral Feeding Study Group of the Perinatology Section] **Tijdschr Kindergeneeskd** 1985 Feb;53(1):8-10 **(Dut)**

[Technics of enteral feeding in the adult] Bouletreau P, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Jun;21(3):147-52 **(Fre)**

[Concentrations of bile acids in serum, urine and feces in patients with gastrointestinal diseases. Effect of peptide diet in comparison with a normal diet] Krzyzanowski W, et al. **Fortschr Med** 1984 Dec 13;102(46):1190-2 (Eng. Abstr.) **(Ger)**

[Weight reduction on a commercially available minimal diet. Results of replacing 1 meal per day] Sailer D, et al. **Fortschr Med** 1984 Sep 20;102(35):879-81 (Eng. Abstr.) **(Ger)**

[Effect of Nutriflex 48 on the plasma amino acid pattern in surgical intensive care patients with infection] Melzer A, et al. **Infusionsther Klin Ernahr** 1984 Aug;11(4):190-4 (Eng. Abstr.) **(Ger)**

[Postoperative tube feeding of maxillary surgery patients with the high molecular drinking and tube feeding solution Fresubin] Schmidt W, et al. **Infusionsther Klin Ernahr** 1984 Oct;11(5):282-8 (Eng. Abstr.) **(Ger)**

[Experiences with an industrially prepared, fully balanced domestic tube-diet (Nutrodrip) in comparison with usual clinical kitchen tube feeding in postoperative nutrition of jaw surgery patients] Stoll P, et al. **Infusionsther Klin Ernahr** 1985 Apr;12(2):92-6 (Eng. Abstr.) **(Ger)**

[Experimental and clinical studies on elemental diet in surgery] Hamada A. **Igaku Kenkyu** 1984 Apr;54(3):317-36 (Eng. Abstr.) **(Jpn)**

[Experimental study on intestinal absorption of elemental diet] Irie U. **Nippon Geka Gakkai Zasshi** 1985 Feb; 86(2):216-24 (Eng. Abstr.) **(Jpn)**

[Experimental and clinical evaluation of small peptides as a nitrogen source in enteral nutrition (II). Clinical application of T-330 and a comparative study with Elental] Kobayashi N, et al. **Nippon Geka Hokan** 1984 Jan 1; 53(1):133-44 (Eng. Abstr.) **(Jpn)**

[Experimental and clinical evaluation of small peptides as a nitrogen source in enteral nutrition (I). Nutritional usefulness following massive small bowel resection in the rat.] Kobayashi N, et al. **Nippon Geka Hokan** 1984 Jan 1;53(1):125-32 (Eng. Abstr.) **(Jpn)**

[Buffer systems, protein and electrolyte levels and erythrocyte indices in calves fed with beestings and milk substitutes] Hejlasz Z, et al. **Pol Arch Weter** 1984; 24(2):229-37 (Eng. Abstr.) **(Pol)**

[Balanced non-residual diet for surgical patients] Jaroszewicz S, et al. **Pol Tyg Lek** 1984 Apr 30;39(18):625-7 (15 ref.) **(Pol)**

[Effects of the use of a hyperlipid diet on the tumor development: an experimental study with Walker carcinosarcoma 256] Bevilacqua RG, et al. **Rev Paul Med** 1984 Nov-Dec;102(6):249-55 (Eng. Abstr.) **(Por)**

[Possibilities of using proteins from unicellular algae in biological life support systems] Antonian AA, et al. **Kosm Biol Aviakosm Med** 1985 Jan-Feb;19(1):65-9 (Eng. Abstr.) **(Rus)**

[Effect of a space diet on valine concentrations in the blood] Popov IG, et al. **Kosm Biol Aviakosm Med** 1985 Jan-Feb; 19(1):8-19 (Eng. Abstr.) **(Rus)**

[Effect of increased ammonia concentrations in the atmosphere of closed chambers on various indicators of nitrogen and carbohydrate metabolism in men on controlled diets] Sivuk AK, et al. **Kosm Biol Aviakosm Med** 1984 Nov-Dec;18(6):69-73 (Eng. Abstr.) **(Rus)**

[Safety of a new food product—a dry protein mixture] Maistruk PN, et al. **Vopr Pitan** 1984 Sep-Oct;(5):51-4 (Eng. Abstr.) **(Rus)**

[Prophylactic effect of enteral feeding preparations during the chemotherapy of oncology patients] Syzrantsev IuK, et al. **Vopr Pitan** 1985 Jan-Feb;(1):24-7 (Eng. Abstr.) **(Rus)**

[Biological value of various types of dietary soy bean proteins] Zilova IS, et al. **Vopr Pitan** 1985 Mar-Apr; (2):43-6 (Eng. Abstr.) **(Rus)**

[Elaboration, by linear programming, of new products from cereals and legumes] Ballesteros MN, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):130-45 (Eng. Abstr.) **(Spa)**

[Biological evaluation, in rats and in humans, of a milk product without lactose, and of a soybean protein formula for use in protein-calorie malnutrition] Sotelo A, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):333-42 (Eng. Abstr.) **(Spa)**

[Refractory diarrhea] Barrera F, et al. **Rev Chil Pediatr** 1984 Sep-Oct;55(5):316-20 (Eng. Abstr.) **(Spa)**

[The modular diet] Barrera F, et al. **Rev Chil Pediatr** 1984 Sep-Oct;55(5):360-2 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Some concerns about the use of encapsulated freeze-dried foods in blind food challenges [letter] Mansfield LE. **Ann Allergy** 1984 Dec;53(6):498

Need for medical supervision with very-low-calorie diets [letter] Locke TJ 3d. **Arch Intern Med** 1984 Dec; 144(12):2431-2

Reversible nutritional myopathy with myotonia in the protein-deficient rat given methionine. Cummins AG, et al. **Aust J Exp Biol Med Sci** 1985 Apr;63 (Pt 2):127-37

Amino acid and dipeptide absorption in rats fed chemically defined diets of differing fiber composition. Freeman HJ. **Can J Physiol Pharmacol** 1984 Sep;62(9):1097-101

Warfarin resistance linked to enteral nutrition products. Howard PA, et al. **J Am Diet Assoc** 1985 Jun;85(6):713-5

Total parenteral nutrition-associated cholestasis: acute studies in infant and adult rabbits. Zahavi I, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):622-7

Loss of intellectual function in children with phenylketonuria after relaxation of dietary phenylalanine restriction. Seashore MR, et al. **Pediatrics** 1985 Feb;75(2):226-32

ANALYSIS

Mineral analyses of vegetarian, health, and conventional foods: magnesium, zinc, copper, and manganese content. McNeill DA, et al. **J Am Diet Assoc** 1985 May;85(5):569-72

Quantitative gas chromatographic headspace determination of choline in adult and infant formula products. Saucerman JR, et al. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):982-5

Microbiological determination of neomycin in feeds and formulated products. Stahl GL, et al. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):863-5

Plasma ammonia levels in preterm infants receiving parenteral nutrition with crystalline L-amino acids [letter] Yoshimura NN. **JPEN** 1985 Jan-Feb;9(1):72

Chromium and selenium levels in commercially available enteral nutrition. Van Schoor OE, et al. **Z Lebensm Unters Forsch** 1985 Jan;180(1):26-9

STANDARDS

Bacterial contamination of tube-feeding formulas. Anderson KR, et al. **JPEN** 1984 Nov-Dec;8(6):673-8

Guidelines for evaluating and categorizing enteral feeding formulas according to therapeutic equivalence. Heimburger DC, et al. **JPEN** 1985 Jan-Feb;9(1):61-7

[Hygienic evaluation of new meat-based child and dietary food products] Khovaeva LA, et al. **Gig Sanit** 1984 Jul;(7):12-4 (Eng. Abstr.) **(Rus)**

FOOD, FORTIFIED

Blood levels of total carnitine and lipid utilization with and without carnitine supplementation in newborn infants. Rubecz I, et al. **Acta Paediatr Hung** 1984;25(1-2):165-71

Outcome of maternal nutritional supplementation: a comprehensive review of the Bacon Chow study. Adair LS, et al. **Am J Clin Nutr** 1985 May;41(5):948-78

A prospective trial of the effect of vitamin D supplementation on metacarpal bone loss in elderly women. Nordin BE, et al. **Am J Clin Nutr** 1985 Sep;42(3):470-4

The effects of inorganic chromium and brewer's yeast on glucose tolerance, plasma lipids, and plasma chromium in elderly subjects. Offenbacher EG, et al. **Am J Clin Nutr** 1985 Sep;42(3):454-61

Effects of supplementation with high-selenium wheat bread on selenium, glutathione peroxidase and related enzymes in blood components of New Zealand residents. Thomson CD, et al. **Am J Clin Nutr** 1985 May;41(5):1015-22

The effects of moderate protein or energy supplements on subsequent nutrient intake in man. Stockley L, et al. **Appetite** 1984 Sep;5(3):209-19

Use of D-xylose to detect ingestion of a powdered milk food supplement by family members other than the children 0-2 years of age for whom it was intended. Ferriani MG, et al. **Bull Pan Am Health Organ** 1985;19(1):69-81

Development of low cost supplementary foods for infants and children from locally available foods in Punjab (India). Puri RK, et al. **Child Care Health Dev** 1984 Jul-Aug; 10(4):227-36

The effect of dietary fortification on blood ethanol concentrations, caloric consumption, and weight gain during ethanol consumption in mice. Goad PT, et al. **Drug Nutr Interact** 1982;1(3):213-28

The bacon Chow study: effects of maternal nutritional supplementation on birth measurements of children, accounting for the size of a previous (unsupplemented) child. Mueller WH, et al. **Early Hum Dev** 1984 Sep; 10(1-2):127-36

Differing effects of low and high bulk maternal dietary supplements during pregnancy. Ross SM, et al. **Early Hum Dev** 1985 Jan;10(3-4):295-302

Efficacy of a food supplement in correcting riboflavin deficiency in pregnant Gambian women. Bates CJ, et al. **Hum Nutr Clin Nutr** 1984 Sep;38(5):363-74

Supplementary nutrition programmes. Mathur YC. **Indian Pediatr** 1984 Jun;21(6):431-3

Effect of glucomannan on obese patients: a clinical study. Walsh DE, et al. **Int J Obes** 1984;8(4):289-93

Possibilities of enriching sugar with micronutrients in Mexico. Chávez A, et al. **Int Z Vitam Ernahrungsforsch [Beih]** 1985;27:85-103

The role of ascorbic acid in the bioavailability of iron from infant foods. Stekel A, et al. **Int Z Vitam Ernahrungsforsch [Beih]** 1985;27:167-75

Attitudinal and demographic correlates of food supplementation practices. Read M, et al. **J Am Diet Assoc** 1985 Jul;85(7):855-7

Mineral balance during nutritional supplementation in adolescents with Crohn disease and growth failure. Motil KJ, et al. **J Pediatr** 1985 Sep;107(3):473-9

Fortified mothers' milk for very low birth weight infants: results of growth and nutrient balance studies. Schanler RJ, et al. **J Pediatr** 1985 Sep;107(3):437-45

Nutritional evaluation and supplementation of elderly subjects participating in a 'meals on wheels' program. Lipschitz DA, et al. **JPEN J Parenter Enteral Nutr** 1985 May-Jun;9(3):343-7

Health food supplements [letter] Bender AE. **Lancet** 1985 May 4;1(8436):1044

Could supplementary dietary tryptophan prevent sudden infant death syndrome? Maurizi CP. **Med Hypotheses** 1985 Jun;17(2):149-54

Protein-fortified milk in premature infants [letter] Greer FR. **Pediatrics** 1985 Aug;76(2):330-1

Impact of the WIC program on the iron status of infants. Miller V, et al. **Pediatrics** 1985 Jan;75(1):100-5

Human milk protein and medium-chain triglyceride oil supplementation of human milk: plasma amino acids in very low-birth-weight infants. Rönnholm KA, et al. **Pediatrics** 1984 Nov;74(5):792-9

Enzyme potentialities of the abomasum and pancreas of the calf. II. Effects of weaning and feeding a liquid supplement to ruminant animals. Guilloteau P, et al. **Reprod Nutr Dev** 1985;25(3):481-93

[Quality of meat from lambs fattened on feed mixtures with added bacterial protein] Ionova I, et al. **Vet Med Nauki** 1984;21(7-8):79-86 (Eng. Abstr.) **(Bul)**

[Chemical and microbiological studies of the meat of broilers fed mixed feeds with a bacterial protein supplement] Monov G, et al. **Vet Med Nauki** 1984;21(9):93-8 (Eng. Abstr.) **(Bul)**

[Fatty acid content of the lipid fraction of the meat of chickens fed mixed feeds with added bacterial protein] Monov G, et al. **Vet Med Nauki** 1984;21(7-8):74-8 (Eng. Abstr.) **(Bul)**

[Use of a special-purpose product in the treatment of anemia in pregnancy] Shaikhova GI, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):51-4 (Eng. Abstr.) **(Rus)**

[Use of a dry protein mixture for the correction of hypoxia caused by sodium nitrite] Seredenko MM, et al. **Gig Sanit** 1985 Feb;(2):23-5 (Eng. Abstr.) **(Rus)**

[Comparative effectiveness of microelements added to the diet of athletes during training in different seasons] Nasolodin VV, et al. **Vopr Pitan** 1984 Nov-Dec;(6):33-8 (Eng. Abstr.) **(Rus)**

[The protein quality of commercial products of texturized soybean protein and meat mixtures] Elías LG, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):355-65 (Eng. Abstr.) **(Spa)**

[Effect of animal protein supplementation and energy on the protein quality of diets based on rice and beans in adult males] Vargas E, et al. **Arch Latinoam Nutr** 1984 Mar; 34(1):46-68 (Eng. Abstr.) **(Spa)**

[Absorption of iron from milk enriched with ferrous sulfate for the prevention of anemia in pregnancy] Grebe G, et al. **Rev Med Chil** 1984 Dec;112(12):1195-200 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Neonatal fat embolism and agglutination of intralipid. Mughal MZ, et al. **Arch Dis Child** 1984 Nov;59(11):1098-9

ANALYSIS

Liquid chromatographic determination of vitamins D2 and D3 in fortified milk and infant formulas. Landen WO Jr. **J Assoc Off Anal Chem** 1985 Mar-Apr;68(2):183-7

Fatty acid and lipid composition of children's food. I. Analytical methods; composition of commercially available supplementary foods for juniors. Suwelack C, et al. **Z Ernahrungswiss** 1984 Dec;23(4):263-75

POISONING

Hepatic venocclusive disease associated with the consumption of pyrrolizidine-containing dietary supplements. Ridker PM, et al. **Gastroenterology** 1985 Apr; 88(4):1050-4

Suspected selenium poisoning in lambs [letter] Anderson PH, et al. **Vet Rec** 1985 Jun 15;116(24):647

FOOD HABITS

Regional differences in dietary habits, coronary risk factors and mortality rates in Belgium. 1. Design and methodology. Nutrition and health: an interuniversity study. **Acta Cardiol (Brux)** 1984;39(4):285-92

Dental health, dental care, and dietary habits in children in different parts of Sweden. Stecksén-Blicks C, et al. **Acta Odontol Scand** 1985 Mar;43(1):59-67

From breastmilk to family food. Infant feeding in three Swedish communities. Persson LA, et al. **Acta Paediatr Scand** 1984 Sep;73(5):685-92

Nutrition and cancer. Prevention and treatment. Hutchinson M. **Ala J Med Sci** 1984 Oct;21(4):387-9

Diet, nutrient intake, and metabolism in populations at high and low risk for colon cancer. **Am J Clin Nutr** 1984 Oct; 40(4 Suppl):879-963

Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer. Nutrient intake. Calkins BM, et al. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):896-905

Dietary intakes of essential nutrients among Mexican-Americans and Anglo-Americans: the San Antonio Heart Study. Knapp JA, et al. **Am J Clin Nutr** 1985 Aug;42(2):307-16

Comparison of dietary histories and seven-day food records in a nutritional assessment of older adults. Mahalko JR, et al. **Am J Clin Nutr** 1985 Sep;42(3):542-53

Gustation as a determinant of ingestion: methodological issues. Mattes RD. **Am J Clin Nutr** 1985 Apr;41(4):672-83

Dietary habits and the prediction of life span of rats: a prospective test. Ross MH, et al. **Am J Clin Nutr** 1985 Jun;41(6):1332-44

Validity and reproducibility of a dietary history method estimating the usual food intake during one month. van Staveren WA, et al. **Am J Clin Nutr** 1985 Sep;42(3):554-9

Assessment of salt use at the table: comparison of observed and reported behavior. Mittelmark MB, et al. **Am J Public Health** 1985 Oct;75(10):1215-6

Changes in dietary habits and knowledge concerning salt during a community-based prevention programme for hypertension. Pietinen P, et al. **Ann Clin Res** 1984;16 Suppl 43:150-5

Dietary habits and eating related symptoms in out-patients following total gastrectomy and Roux-en-Y reconstruction for carcinoma of the stomach. Harju E. **Anticancer Res** 1985 May-Jun;5(3):277-9

The effects of moderate protein or energy supplements on subsequent nutrient intake in man. Stockley L, et al. **Appetite** 1984 Sep;5(3):209-19

Relationship between dietary habits and caries increment assessed over two years in 405 English adolescent school children. Rugg-Gunn AJ, et al. **Arch Oral Biol** 1984; 29(12):983-92

Behavior and nutrition: a mini review. Rapoport JL, et al. **Bol Asoc Med PR** 1984 Sep;76(9):402-4 (21 ref.)

Lead concentrations in tissues of marsh birds: relationship of feeding habits and grit preference to spent shot ingestion. Hall SL, et al. **Bull Environ Contam Toxicol** 1985 Jul; 35(1):1-8

The complaints and dietary habits of the patients with gastritis and undefined abdominal pain. Harju E. **Chir Ital** 1985 Feb;37(1):29-36

Review of food consumption surveys, 1981. Food and Agriculture Organization of the United Nations. Rome. **FAO Food Nutr Pap** 1983;27:1-270

Dietary fibre intakes of individuals with different eating patterns. Davies GJ, et al. **Hum Nutr Appl Nutr** 1985 Apr; 39(2):139-48

Diet and cancer. McCullough JY. **Indiana Med** 1984 Aug; 77(8):604-8

The advisability of the prudent diet in adolescence. Belmaker E, et al. **J Adolesc Health Care** 1985 May;6(3):224-32 (54 ref.)

Nutrition knowledge and food practices of high school athletes. Douglas PD, et al. **J Am Diet Assoc** 1984 Oct; 84(10):1198-202

Perceived control of nutrition behavior: a study of the locus of control theory among healthy subjects. Eden I, et al. **J Am Diet Assoc** 1984 Nov;84(11):1334-9

Patterns of nutrition concerns and dietary constraints among adult women. Herrmann RO, et al. **J Am Diet Assoc** 1984 Dec;84(12):1478-80

Typical serving sizes: implications for food guidance. Krebs-Smith SM, et al. **J Am Diet Assoc** 1985 Sep; 85(9):1139-41

Dietary change: prescription vs. goal setting. Mazzeo-Caputo SE, et al. **J Am Diet Assoc** 1985 May;85(5):553-6

Dietary self-selection patterns of rats with mild diabetes. Tepper BJ, et al. **J Nutr** 1985 Jun;115(6):699-709

Dietary practices and aversions during pregnancy and lactation among Sudanese women. Osman AK. **J Trop Pediatr** 1985 Feb;31(1):16-20

A study of food habits of mothers and children attending rural and urban health centres in Minya, Egypt. Shawqi AM, et al. **J Trop Pediatr** 1985 Apr;31(2):112-7

Diet and cancer prevention. Greenwald P. **Md Med J** 1985 Jan;34(1):44-9

Determining snacking patterns and snack nutrient quality. **Nutr Rev** 1984 Aug;42(8):274-6

Sensory versus dietary factors in cafeteria-induced overweight. Louis-Sylvestre J, et al. **Physiol Behav** 1984 Jun;32(6):901-5

Comparison of dietary and smoking habit changes in physical fitness improvers and nonimprovers. Blair SN, et al **Prev Med** 1984 Jul;13(4):411-20

Dietary beliefs in health and illness among a Hong Kong community. Ho SS. **Soc Sci Med** 1985;20(3):223-30

Dietary pattern and dental caries in 19-year-old adolescents subjected to preventive measures focused on oral hygiene and/or fluorides. Bergendal B, et al. **Swed Dent J** 1985; 9(1):1-7

Dietary habits and dental health in 6-year-old Finnish immigrant children in Sweden. Widström E, et al. **Swed Dent J** 1985;9(3):135-9

Opportunistic scavenging by the bullfrog, Rana catesbeiana (Amphibia, Anura, Ranidae). Guarisco H. **Trans Kans Acad Sci** 1985 Apr;88(1-2):38-9

Food habits of Microtus, Peromyscus, and Blarina along Kansas roadsides: cause for caution in roadside contamination studies. O'Neill DH, et al. **Trans Kans Acad Sci** 1985 Apr;88(1-2):40-5

Food groups in cultural perspective. Brieger WR. **Trop Doct** 1985 Jan;15(1):42-3

Nutritionally beneficial cultural practices. Wilson CS. **World Rev Nutr Diet** 1985;45:68-96 (127 ref.)

[The life style of pregnant women. A pilot project on diet, alcohol and tobacco] Frische G, et al. **Ugeskr Laeger** 1984 Aug 13;146(33):2497-500 (Eng. Abstr.) (Dan)

[Food and nutrition policy in Belgium; specifically, nutrition education and consumption behavior] Verdonk G. **Ned Tijdschr Geneeskd** 1984 Aug 18;128(33):1580-3 (Dut)

[Dental caries and dental health behavior in 6-and-10-year-old children] Ruiken HM, et al. **Tijdschr Kindergeneeskd** 1985 Apr;53(2):60-6 (Eng. Abstr.) (Dut)

[Nutrition, the consumption of sweets and the use of fluorides in preschool and school children] Martens L, et al. **Rev Belge Med Dent** 1984 Oct-Nov;39(5):160-4 (Eng. Abstr.) (Fre)

[The place of the dietary questionnaire in the patient's medical history] Morabia A. **Rev Med Suisse Romande** 1985 Jul;105(7):657-63 (Fre)

[Psychosocial determinants of dietary habits] Cardia-Vonèche L, et al. **Soz Praventivmed** 1984; 29(4-5):220-1 (Eng. Abstr.) (Fre)

[Food habits and their role in health promotion] Vobecky JS, et al. **Union Med Can** 1985 Jan;114(1):68-73 (Eng. Abstr.) (Fre)

[Review on dietary methods for epidemiologic studies] Kono S, et al. **Sangyo Ika Daigaku Zasshi** 1984 Dec 1;6(4):411-8 (27 ref.) (Eng. Abstr.) (Jpn)

[Effect of social environment on food habits under conditions of food rationing and new food prices. Studies of Warsaw's adolescents 1982] Narojek L, et al. **Rocz Panstw Zakl Hig** 1984;35(2):97-105 (Eng. Abstr.) (Pol)

[The importance of diet in the epidemiology of cancer of the colon and rectum] Lopes E da C, et al. **Rev Saude Publica** 1984 Oct;18(5):405-10 (Eng. Abstr.) (Por)

[Consumption, diet habits and nutritional status of the population of Reus: (I) Global consumption by food groups and its correlation with socioeconomic and educational levels] Salas J, et al. **Med Clin (Barc)** 1985 Mar 9; 84(9):339-43 (Eng. Abstr.) (Spa)

[Consumption, dietary habits and nutritional status of the population of Reus (IV). Distribution by age and sex of the consumption of roots and tubers, cereals, sugars and fruits] Salas J, et al. **Med Clin (Barc)** 1985 Apr 13; 84(14):557-62 (Eng. Abstr.) (Spa)

[Nutrition and food traditions among immigrant children] Samuelson G. **Lakartidningen** 1984 Nov 7;81(45):4176-8 (Swe)

HISTORY

[Public kitchens at the end of the Middle Ages (safety measures in the imperial kitchen of the Great Moguls)] Nikodemusz I. **Orv Hetil** 1985 Jul 28;126(30):1863-4 (Hun)

FOOD HANDLING

Protein-alkali reactions: chemistry, toxicology, and nutritional consequences. Friedman M, et al. **Adv Exp Med Biol** 1984;177:367-412 (116 ref.)

A comparative study of the effects of white sugar, unrefined sugar and starch on the efficiency of food utilization and thermogenesis. Dulloo AG, et al. **Am J Clin Nutr** 1985 Aug;42(2):214-9

Wheat: its processing and utilization. Nelson JH. **Am J Clin Nutr** 1985 May;41(5 Suppl):1070-6

Food physical factors have different metabolic effects in nondiabetics and diabetics. Simpson RW, et al. **Am J Clin Nutr** 1985 Sep;42(3):462-9

Isolation and characterization of Pediococcus halophilus from salted anchovies (Engraulis anchoita). Villar M, et al. **Appl Environ Microbiol** 1985 Mar;49(3):664-6

Warts among meat handlers. Finkel ML, et al. **Arch Dermatol** 1984 Oct;120(10):1314-7

Identification of community flour mills as the source of lead poisoning in West Bank Arabs. Eisenberg A, et al. **Arch Intern Med** 1985 Oct;145(10):1848-51

Resistance to chemioantibiotics of Salmonella strains isolated from people employed in food production and distribution in 1982. Gelosa L, et al. **Boll Ist Sieroter Milan** 1984; 63(5):439-46

Respiratory impairment in coffee factory workers in the Asaro Valley of Papua New Guinea. Smith D, et al. **Br J Ind Med** 1985 Jul;42(7):495-8

The occurrence of red-skin chicken carcasses. Griffiths GL. **Br Vet J** 1985 May-Jun;141(3):312-4

Effect of homogenization procedures on Escherichia coli counts in naturally contaminated cheese. Peterkin PI, et al. **Can J Microbiol** 1985 Feb;31(2):180-2

The symptomless salmonella excretor working in the food industry. Bush MF. **Community Med** 1985 May;7(2):133-5

Occupational dermatitis caused by snackbar meat products. de Boer EM, et al. **Contact Dermatitis** 1984 Nov;11(5):322

Influence of time, temperature, moisture, ingredients, and processing conditions on starch gelatinization. Lund D. **CRC Crit Rev Food Sci Nutr** 1984;20(4):249-73 (70 ref.)

The role of collagen in the quality and processing of fish. Sikorski ZE, et al. **CRC Crit Rev Food Sci Nutr** 1984; 20(4):301-43 (114 ref.)

Interaction between plastics packaging materials and foodstuffs with different fat content and fat release properties. Bieber WD, et al. **Food Addit Contam** 1985 Apr-Jun;2(2):113-24

Transfer of additives from plastics materials into foodstuffs and into food simulants--a comparison. Bieber WD, et al. **Food Chem Toxicol** 1984 Sep;22(9):737-42

Dilution errors in enteral formulas [letter] Johnson MM. **J Am Diet Assoc** 1985 Jun;85(6):735

Collaborative study on the isolation of salmonella from artificially contaminated milk powder. Beckers HJ, et al. **J Appl Bacteriol** 1985 Jul;59(1):35-40

Putrescine and cadaverine formation in vacuum packed beef. Edwards RA, et al. **J Appl Bacteriol** 1985 Jan;58(1):13-9

Detection of post-pasteurization contamination of cream by impedimetric methods. Griffiths MW, et al. **J Appl Bacteriol** 1984 Aug;57(1):107-14

Effect of various gas atmospheres on the growth and survival of Campylobacter jejuni on beef. Hänninen ML, et al. **J Appl Bacteriol** 1984 [illegible];57(1):89-94

Contamination and residual retention capacity of beef carcasses at the abattoir. Kriaa H, et al. **J Appl Bacteriol** 1985 Jul;59(1):23-8

Use of the Direct Epifluorescent Filter Technique for predicting the keeping quality of pasteurized milk within 24 hours. Rodrigues UM, et al. **J Appl Bacteriol** 1984 Aug; 57(1):125-30

A note on the screening of dried shrimps, shrimp paste and raw groundnut kernels for aflatoxin-producing Aspergillus flavus. Sim TS, et al. **J Appl Bacteriol** 1985 Jul;59(1):29-34

New FDA migration cell used to study migration of styrene from polystyrene into various solvents. Snyder RC, et al. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):770-5

Phosphine fumigation of thick-film polyethylene food bags and laminated film food packets. Highland HA, et al. **J Econ Entomol** 1984 Aug;77(4):1041-5

Escherichia coli in retail processed food. Pinegar JA, et al. **J Hyg (Lond)** 1985 Aug;95(1):39-46

A microbiological study of various food premises with an assessment of cleaning and disinfection practices. Tebbutt GM. **J Hyg (Lond)** 1984 Oct;93(2):365-75

Occurrence of mutagens in canned foods. Krone CA, et al. **Mutat Res** 1984 Nov-Dec;141(3-4):131-4

Carcinogenicity of mutagenic heterocyclic amines formed during the cooking process. Sugimura T. **Mutat Res** 1985 Jun-Jul;150(1-2):33-41

Food substances may cause skin reactions among handlers. Mathias CG. **Occup Health Saf** 1984 Oct;53(9):53-4, 56

Food handlers and food poisoning. **Public Health** 1985 Jan; 99(1):1-2

Across-shift changes in the pulmonary function of meat-wrappers and other workers in the retail food industry. Eisen EA, et al. **Scand J Work Environ Health** 1985 Feb;11(1):21-6

Detection and enumeration of injured bacterial spores in processed foods. Johnson KM, et al. **Soc Appl Bacteriol Symp Ser** 1984;(12):241-56 (55 ref.)

Polycyclic aromatic compounds in curing smoke. Colmsjö AL, et al. **Z Lebensm Unters Forsch** 1984 Oct;179(4):308-10

[Microflora from commercial offal with special reference to the incidence of Salmonella] Sinell HJ, et al. **Berl Munch Tierarztl Wochenschr** 1984 Nov 1;97(11):415-8 (Eng. Abstr.) (Ger)

[Handling of food without change of quality--dream or reality?] **Bibl Nutr Dieta** 1985;(34):1-109 (Ger)

[Cleaning and disinfection in the production, distribution and kitchen preparation of meat] Wenzel S. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):155-60 (Ger)

[Technology of processing meat of varying quality] Wirth F. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):83-97 (Ger)

[Residual content of solvents of packing materials--analysis and recommendations for tolerance values] Zeimer HF, et al. **Z Gesamte Hyg** 1984 Nov;30(11):622-4 (Eng. Abstr.) (Ger)

[Concentration profiles of putrescine and cadaverine in inoculated vacuum packed beef] Slemr J, et al. **Z Lebensm Unters Forsch** 1984 Oct;179(4):305-7 (Eng. Abstr.) (Ger)

[Pest control in food establishments] Hoffmann G. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb; 180(2-3):263-81 (Eng. Abstr.) (Ger)

[Production hygiene for quality assurance] Mrozek H. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb; 180(2-3):241-62 (Eng. Abstr.) (Ger)

[Considerations in a case of occupational bronchial asthma caused by rye flour] Bratico-Vangosa G, et al. **Med Lav** 1984 May-Jun;75(3):236-40 (Eng. Abstr.) (Ita)

[The effect of heat processing on the biological values of selected foods using the amoeba Tetrahymena pyriformis as a test agent] Ništiar F, et al. **Vet Med (Praha)** 1985 Jun; 30(6):379-84 (Eng. Abstr.) (Slo)

[Rapid storage assay for the study of the loss of nutritive value of bean flour (Phaseolus vulgaris) proteins] Buera MP, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):376-83 (Eng. Abstr.) (Spa)

[Bacterial flora of liver paté in 3 stages of processing] Gesche E, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):384-90 (Eng. Abstr.) (Spa)

INSTRUMENTATION

[Hygienic evaluation of articles made of plastics intended for contact with food] Mazur H, et al. **Rocz Panstw Zakl Hig** 1984;35(3):253-7 (Eng. Abstr.) (Pol)

[Detection of adjuvant substances in polyamides] Sobkowicz K, et al. **Rocz Panstw Zakl Hig** 1984;35(5):447-9 (Eng. Abstr.) (Pol)

[Hygienic basis for the possible use of new brands of polyolefins (propylene-ethylene block copolymer) in the food industry] Braun DD, et al. **Gig Sanit** 1984 Sep;(9):34-7 (Eng. Abstr.) (Rus)

[Hygienic evaluation of tea-bag paper] Chudisnkaia TA, et al. **Gig Sanit** 1984 Aug;(8):80-1 (Rus)

METHODS

Changes in micronutrients due to industrial processing. Bender AE. **Bibl Nutr Dieta** 1985;(34):44-55

Influence of processing on protein quality. Mauron J. **Bibl Nutr Dieta** 1985;(34):56-81

Influence of household handling. Varela G. **Bibl Nutr Dieta** 1985;(34):9-25

Technology of removal of unwanted components of dry beans. Sathe SK, et al. **CRC Crit Rev Food Sci Nutr** 1984; 21(3):263-87 (165 ref.)

The influence of scald water pH on the death rates of Salmonella typhimurium and other bacteria attached to chicken skin. Humphrey TJ, et al. **J Appl Bacteriol** 1984 Oct;57(2):355-9

Salt content of kosher meat [letter] Glick SM. **JAMA** 1985 Jul 26;254(4):504

The coffee plant and its processing. Spiller MA. **Prog Clin Biol Res** 1984;158:75-89 (19 ref.)

[Effect of industrial processing and household preparation on dietary fats] Billek G. **Bibl Nutr Dieta** 1985;(34):82-93 (Ger)

[Can the quality of foods by common household preparation be improved?] Meier-Ploeger A. **Bibl Nutr Dieta** 1985; (34):26-34 (Ger)

[How can losses in nutritive value in community care be prevented?] Paulus K. **Bibl Nutr Dieta** 1985;(34):35-43 (Ger)

[Biological effect of hydrated and esterified fats] Seher A. **Bibl Nutr Dieta** 1985;(34):94-109 (Ger)

[Is processing of foods without loss of quality possible?] Somogyi JC. **Bibl Nutr Dieta** 1985;(34):1-8 (Ger)

STANDARDS

Nondestructive optical methods of food quality evaluation. Deshpande SS, et al. **CRC Crit Rev Food Sci Nutr** 1984; 21(4):323-79 (142 ref.)

The practical application of food safety criteria in developing countries. Abdussalam M. **Food Nutr (Roma)** 1983; 9(2):24-32

Socio-cultural practices affecting the safety of food. Foster GM. **Food Nutr (Roma)** 1983;9(2):48-51

Dangerous infant feed preparation techniques: the role of maternal methods and improper formulae in Riyadh (Saudi Arabia). O'Donovan DJ, et al. **J Trop Pediatr** 1985 Apr; 31(2):94-6

[The hygienic status of meat transport vans] Smit MP, et al. **Tijdschr Diergeneeskd** 1984 Nov 15;109(22):917-22 (Eng. Abstr.) (Dut)

[Health education and monitoring using check lists] Schmitz W. **Off Gesundheitswes** 1985 Apr;47(4):159-63 (Ger)

FOOD HYPERSENSITIVITY

Food allergies and intolerances. September 7-9, 1983, Lausanne, Switzerland. **Ann Allergy** 1984 Dec;53(6 Pt 2):520-695

Food allergy and food intolerance. Anderson JA. **Bol Asoc Med PR** 1985 May;77(5):215-7

Juvenile rheumatoid arthritis and milk allergy. Ratner D, et al. **J R Soc Med** 1985 May;78(5):410-3

A model test system for food allergy ingestion challenge study. Podleski WK. **Med Hypotheses** 1985 Jun; 17(2):95-106

Allergic reactions to foods in children. Kemp AS. **Med J Aust** 1984 Sep 1;141(5 Suppl):S29-31

Food intolerance. Lessof MH. **Proc Nutr Soc** 1985 Feb; 44(1):121-5 (23 ref.)

Food allergy. Ferguson AC. **Prog Food Nutr Sci** 1984; 8(1-2):77-107 (134 ref.)

Food intolerance. Lessof MH. **Scand J Gastroenterol [Suppl]** 1985;109:117-21

[Prosobee as a substitute in a rice preparation] Michaličková J. **Cesk Pediatr** 1984 Jul;39(7):424-5 (Slo)

COMPLICATIONS

Skin reactions to foods in patients with atopic dermatitis. Benton EC, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:129-32

Eosinophilic food-induced cystitis. Sánchez Palacios A, et al. **Allergol Immunopathol (Madr)** 1984 Nov-Dec

12(6):463-9

Allergic therapy for Meniere's disease. Shambaugh GE Jr. **Am J Otol** 1984 Oct;5(6):556-7

Diagnosis and management of skin disorders caused by food allergy. Atherton DJ. **Ann Allergy** 1984 Dec;53(6 Pt 2):623-8 (14 ref.)

Respiratory diseases and food allergy. Heiner DC. **Ann Allergy** 1984 Dec;53(6 Pt 2):657-64 (10 ref.)

Migraine: a diagnostic test for etiology of food sensitivity by a nutritionally supported fast and confirmed by long-term report. Hughes EC, et al. **Ann Allergy** 1985 Jul; 55(1):28-32

Food allergy and adult migraine: double-blind and mediator confirmation of an allergic etiology. Mansfield LE, et al. **Ann Allergy** 1985 Aug;55(2):126-9

Irritable bowel syndrome and hypersensitivity to food. Petitpierre M, et al. **Ann Allergy** 1985 Jun;54(6):538-40

Anaphylactic shock during elimination diets for severe atopic eczema. David TJ. **Arch Dis Child** 1984 Oct;59(10):983-6

Abdominal migraine and food sensitivity in children. Bentley D, et al. **Clin Allergy** 1984 Sep;14(5):499-500

To what extent does food sensitivity contribute to headache recurrence? Leviton A. **Dev Med Child Neurol** 1984 Aug; 26(4):542-5 (38 ref.)

Specific food intolerance: its place as a cause of gastrointestinal symptoms. Farah DA, et al. **Gut** 1985 Feb; 26(2):164-8

Skin disorders and food allergy. Atherton DJ. **J R Soc Med** 1985;78 Suppl 5:7-10

Food allergies and bowel disease. Walker-Smith JA. **J R Soc Med** 1985;78 Suppl 5:3-6

Food allergy and migraine [letter] **Lancet** 1984 Oct 20; 2(8408):926

Controlled trial of oligoantigenic treatment in the hyperkinetic syndrome. Egger J, et al. **Lancet** 1985 Mar 9;1(8428):540-5

Idiopathic nephrotic syndrome, treated with steroids for five years, found to be allergic reaction to pork [letter] Howanietz H, et al. **Lancet** 1985 Aug 24;2(8452):450

Migraine is a food-allergic disease. Monro J, et al. **Lancet** 1984 Sep 29;2(8405):719-21

Salicylates, oligoantigenic diets, and behaviour [letter] Swain A, et al. **Lancet** 1985 Jul 6;2(8445):41-2

Vegemite allergy? [letter] van Asperen PP, et al. **Med J Aust** 1985 Feb 4;142(3):236

The role of allergy in diarrhea: cow's milk protein allergy. Gryboski JD. **Pediatr Ann** 1985 Jan;14(1):31-2, 33-4, 36

[Food allergy and pollen allergy: a curious association] Bessot JC, et al. **Presse Med** 1985 May 25;14(21):1171-2 **(Fre)**

[Anaphylaxis induced by exertion and related to dietary allergy (letter)] Sabbah A, et al. **Presse Med** 1984 Nov 3;13(39):2390-1 **(Fre)**

[Crohn disease: an allergic reaction to absorbed macro-particles? (letter)] Lutz W. **Dtsch Med Wochenschr** 1985 Sep 6;110(36):1394 **(Ger)**

[Acute allergic conjunctivitis in patients with food hypersensitivity] Swiatkowska M, et al. **Klin Oczna** 1984 May;86(5):213-5 (Eng. Abstr.) **(Pol)**

[Food allergens as a causative factor in chronic urticaria and Quincke's edema and in gastrointestinal disorders] Romański B, et al. **Pol Tyg Lek** 1985 Mar 25-31; 40(12-13):373-6 (Eng. Abstr.) **(Pol)**

[Allergens causing skin changes in dogs and humans. I. Food allergens] Pomorski Z, et al. **Przegl Dermatol** 1985 Jan-Feb; 72(1):21-5 (Eng. Abstr.) **(Pol)**

[Migraine and allergy] Selmaj K. **Wiad Lek** 1984 Nov 1; 37(21):1689-93 (35 ref.) (Eng. Abstr.) **(Pol)**

[Possible mechanisms of the asthmogenic effect of egg white in patients with bronchial asthma] Sotnikova NS, et al. **Klin Med (Mosk)** 1985 Jun;63(6):80-3 (Eng. Abstr.) **(Rus)**

[Toxicoderma caused by sweet red pepper] Rogov VD. **Vestn Dermatol Venerol** 1985 May;(5):53-4 **(Rus)**

[Food allergy in patients with pruritic dermatoses] Kashirskii IuM. **Vopr Pitan** 1984 Jul-Aug;(4):17-20 (Eng. Abstr.) **(Rus)**

[Central serous choroiditis. Possible allergic etiopathogenesis] Preliminary report] Estruch Fajardo IM, et al. **Allergol Immunopathol (Madr)** 1985 May-Jun;13(3):249-57 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

The diagnostic value of the histamine release test in food allergy. Oehling A, et al. **Allergol Immunopathol (Madr)** 1984 Nov-Dec;12(6):439-48

EGG hypersensitivity as measured by RAST and a reverse enzyme-immunoassay. Domínguez J, et al. **Allergy** 1984 Oct;39(7):529-33

Diagnosis of food allergies and intolerances in the study of prophylaxis and control groups in infants. Hamburger RN. **Ann Allergy** 1984 Dec;53(6 Pt 2):673-7

The relevance of anti-food antibodies for the diagnosis of food allergy. Johansson SG, et al. **Ann Allergy** 1984 Dec; 53(6 Pt 2):665-72 (24 ref.)

Some concerns about the use of encapsulated freeze-dried foods in blind food challenges [letter] Mansfield LE. **Ann Allergy** 1984 Dec;53(6):498

Diagnosis of intolerance to food additives. Ortolani C, et al. **Ann Allergy** 1984 Dec;53(6 Pt 2):587-91

Food allergy and food intolerance. Anderson JA. **ASDC J Dent Child** 1985 Mar-Apr;52(2):134-7

Controversies in paediatric dermatology. Rasmussen JE. **Australas J Dermatol** 1984 Aug;25(2):37-44 (31 ref.)

Food intolerance: clinical features, diagnosis and management. Lingam S. **Br J Clin Pract** 1985 Feb; 39(2):49-53

Skin test, RAST and clinical reactions to peanut allergens in children. Kemp AS, et al. **Clin Allergy** 1985 Jan; 15(1):73-8

Intragastral provocation under endoscopic control (IPEC) in food allergy: mast cell and histamine changes in gastric mucosa. Reimann HJ, et al. **Clin Allergy** 1985 Mar; 15(2):195-202

Food allergy. Berman BA. **Cutis** 1985 Jul;36(1):17-9

Dimethyl sulfoxide as a vehicle for food allergy patch tests. Fisher AA. **Cutis** 1985 Aug;36(2):109-10

A holistic view of allergic disease. Morrow-Brown H. **Hum Nutr Appl Nutr** 1984 Dec;38(6):421-34

Type I allergy to egg and milk proteins: comparison of skin prick tests with nasal, buccal and gastric provocation tests. Amlot PL, et al. **Int Arch Allergy Appl Immunol** 1985; 77(1-2):171-3

Use of the term 'false positive' in referring to results of food skin tests [letter] Bock SA. **J Allergy Clin Immunol** 1985 Apr;75(4):528-9

The overworked or fraudulent diagnosis of food allergy and food intolerance in children. David TJ. **J R Soc Med** 1985; 78 Suppl 5:21-31

Validity of alternative allergy practices [letter] Rippere V. **J R Soc Med** 1985 Aug;78(8):692-4

Food intolerance—a general paediatrician's view. Rossiter MA. **J R Soc Med** 1985;78 Suppl 5:17-20

Diagnosis of food sensitivity in childhood asthma. Wilson N, et al. **J R Soc Med** 1985;78 Suppl 5:11-6

A comparison between in vitro jejunal mast cell degranulation and intragastric challenge in patients with suspected food intolerance. Selbekk BH. **Scand J Gastroenterol** 1985 Apr;20(3):299-303

[Databank food allergies 'Combally'] Kamsteeg J. **Tijdschr Kindergeneeskd** 1984 Jun;52(3):112-3 **(Dut)**

[Food allergy and other adverse reactions caused by food] Ring J. **Klin Wochenschr** 1984 Sep 3;62(17):795-802 (Eng. Abstr.) **(Ger)**

[The celery-carrot-mugwort-condiment syndrome: skin test and RAST results] Wüthrich B, et al. **Schweiz Med Wochenschr** 1985 Mar 16;115(11):258-64 (Eng. Abstr.) **(Ger)**

[Food allergy (editorial)] Avni Y, et al. **Harefuah** 1985 Apr 1;108(7):361-3 **(Heb)**

[Clinical characteristics in 73 children with allergy to the proteins of cow's milk] Mancini S, et al. **Minerva Pediatr** 1985 Jan 31;37(1-2):49-52 (Eng. Abstr.) **(Ita)**

DIET THERAPY

Elimination diet therapy in allergic children—a word of caution [letter] Podleski WK. **Am J Dis Child** 1985 Apr; 139(4):330

Elimination diets in eczema [letter] Goriup U, et al. **Arch Dis Child** 1985 Feb;60(2):183-4

DRUG THERAPY

Oral sodium cromoglycate treatment of atopic dermatitis related to food allergy. Daugbjerg PS, et al. **Allergy** 1984 Oct;39(7):535-41

ETIOLOGY

Dietary treatment of nickel dermatitis. Veien NK, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):138-42

Allergy to egg yolk possibly induced by sensitization to bird serum antigens. de Maat-Bleeker F, et al. **Ann Allergy** 1985 Mar;54(3):245-8

Enzymatic maturation of the gastrointestinal tract and its relevance to food allergy and intolerance in infancy. McNeish AS. **Ann Allergy** 1984 Dec;53(6 Pt 2):643-8 (47 ref.)

Latent anaphylactic sensitisation of infants of low birth weight to cows' milk proteins. Lucas A, et al. **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1254-6

Atopy after bone marrow transplantation. Tucker J, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):116-7

Skin test and RAST responses to wheat and common allergens and respiratory disease in bakers. Prichard MG, et al. **Clin Allergy** 1985 Mar;15(2):203-10

Relationship of diet in the development of atopy in infancy. Van Asperen PP, et al. **Clin Allergy** 1984 Nov;14(6):525-32

Milk- and soy protein-induced enterocolitis: evidence for lymphocyte sensitization to specific food proteins. Van Sickle GJ, et al. **Gastroenterology** 1985 Jun;88(6):1915-21

Specific food intolerance [letter] Burford-Mason AP, et al. **Gut** 1985 Sep;26(9):980-1

Food allergy in perspective. Barnetson RS, et al. **Health Bull (Edinb)** 1985 Mar;43(2):85-9

Soybean oil is not allergenic to soybean-sensitive individuals. Bush RK, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):242-5

Grand rounds: adverse reactions to wine [clinical conference] Gershwin ME, et al. **J Allergy Clin Immunol** 1985 Mar; 75(3):411-20

Are confusion and controversy about food hypersensitivity really necessary? May CD. **J Allergy Clin Immunol** 1985 Mar;75(3):329-33

Hypersensitivity reactions to ingested crustacea: clinical evaluation and diagnostic studies in shrimp-sensitive individuals. Waring NP, et al. **J Allergy Clin Immunol** 1985 Sep;76(3):440-5

Food allergy—a new science. Breneman JC. **J Arkansas Med Soc** 1985 Apr;81(11):594-611

Monosaccharide in high fructose syrup as an etiological factor of urticaria. Nishioka K, et al. **J Dermatol (Tokyo)** 1984 Aug;11(4):391-6

Food allergies and other adverse reactions to foods. Panush RS, et al. **Med Clin North Am** 1985 May;69(3):533-46 (103 ref.)

Effects of milk ingestion on young children with cow's milk allergy. A clinical study. Hill DJ. **Med J Aust** 1984 Sep 1;141(5 Suppl):S26-9

Food substances may cause skin reactions among handlers. Mathias CG. **Occup Health Saf** 1984 Oct;53(9):53-4, 56

The effect of immediate-type gastrointestinal allergic reactions on brush border enzymes and gut morphology in the rat. Freier S, et al. **Pediatr Res** 1985 May;19(5):456-9

Development of food allergies with special reference to cow's milk allergy. Foucard T. **Pediatrics** 1985 Jan;75(1 Pt 2):177-81 (37 ref.)

Effect of sucrose on hyperkinetic children. Gross MD. **Pediatrics** 1984 Nov;74(5):876-8

[Allergy to cows' milk with non-seasonal rhinitis as the only symptom] Fuglsang G. **Ugeskr Laeger** 1984 Nov 12; 146(46):3546-7 (Eng. Abstr.) **(Dan)**

[An unexpected severely allergic reaction to infant food in 2 children with known allergies to cow's milk and egg white] Arkesteijn CL, et al. **Ned Tijdschr Geneeskd** 1985 Jan 19;129(3):123-5 (Eng. Abstr.) **(Dut)**

[Gastritis varioliformis with human basophil degranulation test positive for an herbal tea mixture (letter)] Perarnau JM, et al. **Gastroenterol Clin Biol** 1984 Aug-Sep;8(8-9):676 **(Fre)**

[Intolerance to rice: a food intolerance uncommon in children] Tedeschi A, et al. **Pediatrie** 1984 Jun;39(4):289-90 (Eng. Abstr.) **(Fre)**

[Allergy, pseudoallergy, intolerance—potential causes of adverse food reactions] Ruppin H. **Fortschr Med** 1985 Feb 21;103(7):144-7 (Eng. Abstr.) **(Ger)**

[Considerations in a case of occupational bronchial asthma caused by rye flour] Bratico-Vangosa G, et al. **Med Lav** 1984 May-Jun;75(3):236-40 (Eng. Abstr.) **(Ita)**

[Experimental study of various aspects of immunogenic and allergic properties of soy bean proteins] Davletbaeva SS. **Vopr Pitan** 1984 Jul-Aug;(4):49-51 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

[Familial leucine sensitive hypoglycemia] Hansen E, et al. **Ugeskr Laeger** 1985 Apr 8;147(15):1273-4 (Eng. Abstr.) **(Dan)**

IMMUNOLOGY

Allergy to hen's egg white in atopic dermatitis. Langeland T. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:109-12

Immunological investigation of possible structural similarities between pollen antigens and antigens in apple, carrot and celery tuber. Halmepuro L, et al. **Allergy** 1985 May; 40(4):264-72

Cytodestructive mechanisms provoked by food antigens. I. Direct, allergic autocytotoxicity. Podleski WK. **Allergy** 1985 Apr;40(3):157-65

Cytodestructive mechanisms provoked by food antigens. II. Antibody-dependent, allergic autocytotoxicity. Podleski WK. **Allergy** 1985 Apr;40(3):166-72

Allergenicity of food proteins and its possible modification. Coombs RR, et al. **Ann Allergy** 1984 Dec;53(6 Pt 2):592-6 (28 ref.)

Pathophysiologic mechanisms of allergic and pseudo-allergic reactions to foods, food additives and drugs. de Weck AL. **Ann Allergy** 1984 Dec;53(6 Pt 2):583-6 (15 ref.)

Immunochemistry of food antigens. Gjesing B, et al. **Ann Allergy** 1984 Dec;53(6 Pt 2):602-8 (14 ref.)

Research and development of infant formulae with reduced allergenic properties. Pahud JJ, et al. **Ann Allergy** 1984 Dec;53(6 Pt 2):609-14 (33 ref.)

Immunologically mediated adverse reactions to foods: role of T cells and cutaneous reactions. Sampson HA. **Ann Allergy** 1984 Dec;53(6):472-5

The spectrum of gastrointestinal allergies to food. Walker-Smith JA, et al. **Ann Allergy** 1984 Dec;53(6 Pt 2):629-36 (56 ref.)

Development of IgE and IgG antibodies to food and inhalant allergens in children at risk of allergic disease. Rowntree S, et al. **Arch Dis Child** 1985 Aug;60(8):727-35

Clinical symptoms and IgE responses to common food proteins in atopic and healthy children. Hattevig G, et al. **Clin Allergy** 1984 Nov;14(6):551-9

Specific IgE to food and inhalant allergens in intestinal washings of children affected by atopic eczema. Marcucci F, et al. **Clin Allergy** 1985 Jul;15(4):345-54

Celery sensitivity: clinical and immunological correlations with pollen allergy. Pauli G, et al. **Clin Allergy** 1985 May; 15(3):273-9

IgE and IgG4 antibodies to bovine milk fat globule membrane in atopic eczema patients: a study of their occurrence, relevance and antigenic specificity. Shakib F, et al. **Clin Allergy** 1985 May;15(3):265-71

Food allergens. Metcalfe DD. **Clin Rev Allergy** 1985 Jul; 3(3):331-49 (63 ref.)

The immunopathogenesis and clinical management of food hypersensitivity. Lee TH. **Compr Ther** 1985 Jun;11(6):38–45

Allergens in the white and yolk of hen's egg. A study of IgE binding by egg proteins. Anet J, et al. **Int Arch Allergy Appl Immunol** 1985;77(3):364–71

Immediate hypersensitivity reactions to cow milk proteins in isolated epithelium from ileum of milk-drinking guinea-pigs: comparisons with colonic epithelia. Baird AW, et al. **Int Arch Allergy Appl Immunol** 1984; 75(3):255–63

Humoral immunity to dietary antigens in healthy adults. Occurrence, isotype and IgG subclass distribution of serum antibodies to protein antigens. Husby S, et al. **Int Arch Allergy Appl Immunol** 1985;77(4):416–22

Immunoglobulin E in feces from children with allergy. Evidence of local production of IgE in the gut. Kolmannskog S, et al. **Int Arch Allergy Appl Immunol** 1985; 76(2):133–7

Identification of crustacea allergens by crossed radioimmunoelectrophoresis. Lehrer SB, et al. **Int Arch Allergy Appl Immunol** 1985;77(1–2):192–4

Isotypic analysis of antibody response to a food antigen in inflammatory bowel disease. Paganelli R, et al. **Int Arch Allergy Appl Immunol** 1985;78(1):81–5

Re: Food allergy [letter] **J Asthma** 1985;22(2):123–4

The quantitation of IgG4 antibodies to three common food allergens by ELISA with monoclonal anti-IgG4. Layton GT, et al. **J Immunol Methods** 1984 Oct 26;73(2):347–56

Safe administration of influenza vaccine in asthmatic children hypersensitive to egg proteins. Murphy KR, et al. **J Pediatr** 1985 Jun;106(6):931–3

Microecology of the gastrointestinal tract and the immunological status under food allergy. Kuvaeva IB, et al. **Nahrung** 1984;28(6–7):689–93

Food antibodies in acute psychoses. Rix KJ, et al. **Psychol Med** 1985 May;15(2):347–54

[Immunoglobulin E in small intestinal mucosa; a quantitative analysis] Forget P, et al. **Tijdschr Kindergeneeskd** 1985 Apr; 53(2):56–9 (Eng. Abstr.) **(Dut)**

[Allergic study of food urticaria. (1). Allergic food urticaria due to fish] Yasuda K, et al. **Arerugi** 1984 Dec; 33(12):1016–24 (Eng. Abstr.) **(Jpn)**

[Effect of hydrocortisone on the liver cytochrome P-450 system and the intensity of food anaphylaxis in guinea pigs] Marokko IN, et al. **Biull Eksp Biol Med** 1984 Dec; 98(12):713–5 (Eng. Abstr.) **(Rus)**

[Quantitative determination of the antigenic structures of protein in the duodenojejunal contents of patients with food allergies and gastroenterologic diseases] Pokrovskaia GR, et al. **Vrach Delo** 1984 Sep;(9):21–5 (Eng. Abstr.) **(Rus)**

[Immediate hypersensitivity to fruits and vegetables and pollenosis] Hernández J, et al. **Allergol Immunopathol (Madr)** 1985 May–Jun;13(3):197–211 (Eng. Abstr.) **(Spa)**

METABOLISM

Absorption of protein and protein fragments in the developing intestine: role in immunologic/allergic reactions. Walker WA. **Pediatrics** 1985 Jan;75(1 Pt 2):167–71

[Immune response and the monooxygenase system activity in guinea pigs after peroral sensitization with various food antigens] Gmoshinskiĭ IV, et al. **Vopr Pitan** 1984 Jul–Aug; (4):40–1 **(Rus)**

OCCURRENCE

Epidemiology, incidence and clinical aspects of food allergy. Businco L, et al. **Ann Allergy** 1984 Dec;53(6 Pt 2):615–22 (27 ref.)

The prevalence of diet-induced migraine. Peatfield RC, et al. **Cephalalgia** 1984 Sep;4(3):179–83

PATHOLOGY

Inhibition of eosinophils degranulation by Ketotifen in a patient with milk allergy, manifested as bronchial asthma––an electron microscopic study. Podleski WK, et al. **Agents Actions** 1984 Oct;15(3–4):177–81

PHYSIOPATHOLOGY

The role of foods in atopic dermatitis. Meneghini CL, et al. **Int J Dermatol** 1985 Apr;24(3):158–60

IgE complexes and food allergy [letter] Burford-Mason AP. **Lancet** 1984 Dec 22;2(8417–18):1480

PREVENTION & CONTROL

Prevention of food allergies. Bellanti JA. **Ann Allergy** 1984 Dec;53(6 Pt 2):683–8 (14 ref.)

Oral cromolyn sodium in milk induced anaphylaxis. Jones EA Jr. **Ann Allergy** 1985 Mar;54(3):199–201

Prevention of food allergic disease. Soothill JF. **Ann Allergy** 1984 Dec;53(6 Pt 2):689–91 (18 ref.)

[Can allergic diseases be prevented?] Koivikko A. **Duodecim** 1985;101(5):510–7 **(Fin)**

[Preventive use of mebhydrolin in atopic disorders] Romański B, et al. **Pol Tyg Lek** 1985 Mar 25–31;40(12–13):380–3 (Eng. Abstr.) **(Pol)**

PSYCHOLOGY

'Pseudo-allergy': treatment with an MAO inhibitor. Ulwelling W. **Psychosomatics** 1985 Jun;26(6):535–6

RADIOGRAPHY

Barium enema findings (? segmental colitis) in four neonates with bloody diarrhea––possible cow's milk allergy. Swischuk LE, et al. **Pediatr Radiol** 1985;15(1):34–7

THERAPY

Oral specific hyposensitization in the management of patients allergic to food. Patriarca C, et al. **Allergol Immunopathol (Madr)** 1984 Jul–Aug;12(4):275–81

Management of food allergies. Bahna SL. **Ann Allergy** 1984 Dec;53(6 Pt 2):678–82 (43 ref.)

VETERINARY

The importance of dietary antigen in the cause of postweaning diarrhea in pigs. Miller BG, et al. **Am J Vet Res** 1984 Sep;45(9):1730–3

Lymphocytic-plasmacytic colitis in two cheetahs. Gillespie D, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1388–9

Hypersensitivity to dietary components in young farm animals: immunisation of calves for IgE antibody responses. Barratt ME, et al. **Res Vet Sci** 1985 Jul;39(1):62–5

FOOD, INFANT see **INFANT FOOD**

FOOD INSPECTION

Evaluation of the effect of frequency of inspection on the sanitary conditions of eating establishments. Corber S, et al. **Can J Public Health** 1984 Nov–Dec;75(6):434–8

Impact of technology and funding on meat and poultry inspection. Houston DM. **J Am Vet Med Assoc** 1984 Dec 15;185(12):1505–7

The role of food safety in health and development. Abdussalam M. **WHO Chron** 1984;38(3):99–103

[The handling of milk at a human milk bank. Hygienic and bacteriologic considerations] Helin M, et al. **Ugeskr Laeger** 1984 Oct 8;146(41):3156–7 **(Dan)**

[Establishment of the Government Service for Cattle and Meat Inspection] Hoekstra T. **Tijdschr Diergeneeskd** 1985 Apr 1;110(7):292–6 **(Dut)**

[Regulation of harmful chemicals by the food legislation and its official surveillance] Entel HJ. **DTW** 1985 Jun 7; 92(6):236–40 **(Ger)**

[Timely food control for effective consumer protection] Untermann F. **Schweiz Arch Tierheilkd** 1985 Feb; 127(2):171–84 **(Ger)**

[Relieving food hygiene specialists of irrelevant duties in a district sanitary epidemiological station] Troitskiĭ VV, et al. **Vopr Pitan** 1985 Mar–Apr;(2):73–5 **(Rus)**

[The veterinary physician in food inspection and zoonosis control] Bobenrieth R, et al. **Bol Of Sanit Panam** 1984 Oct; 97(4):298–313 (Eng. Abstr.) **(Spa)**

HISTORY

[State sanitary control of nutrition hygiene during World War II] Shtenberg AI. **Vopr Pitan** 1985 Mar–Apr;(2):11–5 **(Rus)**

METHODS

[Experience in using rapid methods in the work of the nutritional hygienist] Vullo II. **Vopr Pitan** 1985 May–Jun; (3):72–3 **(Rus)**

STANDARDS

Nondestructive optical methods of food quality evaluation. Deshpande SS, et al. **CRC Crit Rev Food Sci Nutr** 1984; 21(4):323–79 (142 ref.)

Manuals of food quality control. 5. Food inspection. **FAO Food Nutr Pap** 1984;14(5):1–289

The practical application of food safety criteria in developing countries. Abdussalam M. **Food Nutr (Roma)** 1983; 9(2):24–32

[Main trends in the activities of the Ukrainian sanitary and epidemiological services with regard to public nutrition] Kas'ianenko AM. **Gig Sanit** 1985 Feb;(2):28–31 **(Rus)**

[Hygienic expert analysis of canned food] Zakharov VP. **Voen Med Zh** 1985 Apr;(4):64–6 **(Rus)**

FOOD, IRRADIATED see **FOOD IRRADIATION**

FOOD IRRADIATION

Radiation preservation of foods of plant origin. Part 2. Onions and other bulb crops. Thomas P. **CRC Crit Rev Food Sci Nutr** 1984;21(2):95–136 (163 ref.)

Free fatty acids in irradiated hake fillets. Quaranta HO, et al. **Int J Appl Radiat Isot** 1984 Sep;35(9):912–3

Dry weight and exudate production in irradiated tuna loins. Quaranta HO, et al. **Int J Appl Radiat Isot** 1984 Sep; 35(9):914

[The value of irradiation for the preservation of food] Gounelle de Pontanel H, et al. **Bull Acad Natl Med (Paris)** 1984 May–Jun;168(5–6):638–41 (Eng. Abstr.) **(Fre)**

[Food irradiation] Grünewald T. **Z Lebensm Unters Forsch** 1985 May;180(5):357–68 (65 ref.) (Eng. Abstr.) **(Ger)**

[Use of food treated with gamma radiation in the feeding of rainbow trout (Salmo gairdnerii irideus)] Grümberg J, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):83–93 (Eng. Abstr.) **(Spa)**

FOOD LABELING

Public perceptions of sodium labeling. Heimbach JT, et al. **J Am Diet Assoc** 1984 Oct;84(10):1217–9

Anticoccidials and turkeys [letter] Hooper RS. **Vet Rec** 1985 Feb 23;116(8):224

FOOD LAWS see **LEGISLATION, FOOD**

FOOD MICROBIOLOGY

Age-related changes of human serum antibodies to dietary and colonic bacterial antigens measured by an enzyme-linked immunosorbent assay. Scott H, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1985 Apr; 93(2):65–70

Enterotoxin production at 4, 22, and 37 degrees C by Yersinia enterocolitica and Yersinia enterocolitica-like bacteria isolated from porcine tonsils and pork products. Nesbakken T. **Acta Vet Scand** 1985;26(1):13–20

Foodborne outbreaks of campylobacteriosis: the United States experience, 1980–1982. Finch MJ, et al. **Am J Epidemiol** 1985 Aug;122(2):262–8

Two successive outbreaks of Clostridium perfringens at a state correctional institution. Tavris DR, et al. **Am J Public Health** 1985 Mar;75(3):287–8

Antimicrobic effects of Lactobacillus fermentation on edible waste material contaminated with infected carcasses. Shotts EB Jr, et al. **Am J Vet Res** 1984 Nov;45(11):2467–70

Fish flesh agar medium––a suitable experimental medium for the detection of spoilage bacteria. Chandrasekaran M, et al. **Antonie Van Leeuwenhoek** 1985;51(2):219–25

The yeasts of British fresh sausage and minced beef. Dalton HK, et al. **Antonie Van Leeuwenhoek** 1984;50(3):227–48

Identification of Acetobacter strains isolated from spoiled lactic acid fermented meat food for pets. Gosselé F, et al. **Antonie Van Leeuwenhoek** 1984;50(3):269–74

A centenary of academic and less learned food microbiology. Pitfalls of the past and promises for the future. Mossel DA, et al. **Antonie Van Leeuwenhoek** 1984;50(5–6):641–63 (170 ref.)

The yeast Candida sequanensis sp. nov. Saëz H, et al. **Antonie Van Leeuwenhoek** 1984;50(4):379–81

Mycotoxins produced from fungi isolated from foodstuffs and soil: comparison of toxicity in fibroblasts and rat feeding tests. Abbas HK, et al. **Appl Environ Microbiol** 1984 Sep; 48(3):654–61

Direct immunoassay for detection of salmonellae in foods and feeds. Anderson JM, et al. **Appl Environ Microbiol** 1985 May;49(5):1124–7

IncH plasmids in Escherichia coli strains isolated from broiler chicken carcasses. Chaslus-Dancla E, et al. **Appl Environ Microbiol** 1985 Apr;49(4):1016–8

Survival and growth characteristics of Escherichia coli associated with hemorrhagic colitis. Doyle MP, et al. **Appl Environ Microbiol** 1984 Oct;48(4):855–6

Incidence of Acinetobacter spp. and other gram-negative, oxidase-negative bacteria in fresh and spoiled ground beef. Eribo BE, et al. **Appl Environ Microbiol** 1985 Jan; 49(1):256–7

Improved bacterial recovery by membrane filters in the presence of food debris. Farber JM, et al. **Appl Environ Microbiol** 1984 Aug;48(2):441–3

Klebsiella pneumoniae in orange juice concentrate. Fuentes FA, et al. **Appl Environ Microbiol** 1985 Jun;49(6):1527–9

Comparison of enrichment methods and atmosphere modification procedures for isolating Campylobacter jejuni from foods. Heisick J, et al. **Appl Environ Microbiol** 1984 Dec;48(6):1254–5

Probability of recovering pathogenic Escherichia coli from foods. Hill WE, et al. **Appl Environ Microbiol** 1985 Jun; 49(6):1374–8

Egg yolk-free Baird-Parker medium for the accelerated enumeration of foodborne Staphylococcus aureus. Lachica RV. **Appl Environ Microbiol** 1984 Oct;48(4):870–1

Isolation from haddock tissue of psychrophilic bacteria with maximum growth temperature below 20 degrees C. Makarios-Laham I, et al. **Appl Environ Microbiol** 1984 Aug;48(2):439–40

Mixed carbon source utilization of meat-spoiling Pseudomonas fragi 72 in relation to oxygen limitation and carbon dioxide inhibition. Molin G. **Appl Environ Microbiol** 1985 Jun;49(6):1442–7

Monensin-based medium for determination of total gram-negative bacteria and Escherichia coli. Petzel JP, et al. **Appl Environ Microbiol** 1985 Apr;49(4):925–33

Evaluation of a fluorogenic assay for detection of Escherichia coli in foods. Robison BJ. **Appl Environ Microbiol** 1984 Aug;48(2):285–8

Enrichment medium for isolation of Campylobacter jejuni-Campylobacter coli. Rogol M, et al. **Appl Environ Microbiol** 1985 Jul;50(1):125–6

Effects of water temperature and salinity on elimination of Salmonella charity and Escherichia coli from Sydney rock oysters (Crassostrea commercialis). Rowse AJ, et al. **Appl Environ Microbiol** 1984 Nov;48(5):1061–3

Bovine serum eliminates rapid nonspecific toxic reactions during bioassay of stored fish for Clostridium botulinum toxin. Solberg M, et al. **Appl Environ Microbiol** 1985 Mar; 49(3):644–9

Lactate metabolism by pediococci isolated from cheese. Thomas TD, et al. **Appl Environ Microbiol** 1985 Apr; 49(4):908-13

Inhibition by antimicrobial food additives of ochratoxin A production by Aspergillus sulphureus and Penicillium viridicatum. Tong CH, et al. **Appl Environ Microbiol** 1985 Jun;49(6):1407-11

Sterigmatocystin in dairy cattle feed contaminated with Aspergillus versicolor. Vesonder RF, et al. **Appl Environ Microbiol** 1985 Jan;49(1):234-5

Isolation and characterization of Pediococcus halophilus from salted anchovies (Engraulis anchoita). Villar M, et al. **Appl Environ Microbiol** 1985 Mar;49(3):664-6

Prevalence of Salmonella contamination in market-ready geese in Manitoba. Mann ED, et al. **Avian Dis** 1984 Oct-Dec;28(4):978-83

Mixed cultures in the manufacture of cheese. Law BA. **Biochem Soc Trans** 1984 Dec;12(6):1148-50

Diphtheria: a possible foodborne outbreak in Hodeida, Yemen Arab Republic. Jones EE, et al. **Bull WHO** 1985; 63(2):287-93

Effect of homogenization procedures on Escherichia coli counts in naturally contaminated cheese. Peterkin PI, et al. **Can J Microbiol** 1985 Feb;31(2):180-2

Hepatic neoplastic nodules, adenofibrosis, and cholangiocarcinomas in male Fisher 344 rats fed corn naturally contaminated with Fusarium moniliforme. Wilson TM, et al. **Carcinogenesis** 1985 Aug;6(8):1155-60

New perspectives on the gastrointestinal mode of transmission in invasive Listeria monocytogenes infection. Schlech WF 3d. **Clin Invest Med** 1984;7(4):321-4 (34 ref.)

Outbreak of botulism in horses. Kelly AP, et al. **Equine Vet J** 1984 Nov;16(6):519-21

Thirteen cases of botulism in horses fed big bale silage. Ricketts SW, et al. **Equine Vet J** 1984 Nov;16(6):515-8

Vibrio vulnificus and patients with liver disease. **FDA Drug Bull** 1985 Apr;15(1):5-6

Distribution of the trichothecene mycotoxin deoxynivalenol (vomitoxin) during the milling of naturally contaminated hard red spring wheat and its fate in baked products. Scott PM, et al. **Food Addit Contam** 1984 Oct-Dec;1(4):313-23

Meat consumption as a risk factor in enteritis necroticans. Millar JS, et al. **Int J Epidemiol** 1985 Jun;14(2):318-21

Public health importance of market meat exposed to refuse flies and air-borne microorganisms. Akinboade OA, et al. **Int J Zoonoses** 1984 Jun;11(1):111-4

A survey of the bacteriological status of fresh and baked pork sausages produced in Ibadan, Nigeria. Oyekole OD, et al. **Int J Zoonoses** 1984 Dec;11(2):127-32

Influence of NaCl, NaNO2 and oxygen on the germination and growth of Bacillus licheniformis, a spoilage organism of chub-packed luncheon meat. Bell RG, et al. **J Appl Bacteriol** 1984 Dec;57(3):523-30

Heat injury and recovery of Streptococcus faecium associated with the souring of chub-packed luncheon meat. Bell RG, et al. **J Appl Bacteriol** 1984 Oct;57(2):229-36

Production of ethanol from infant food formulas by common yeasts. Bivin WS, et al. **J Appl Bacteriol** 1985 Apr; 58(4):355-7

Isolation, screening and characterization of thermophilic Bacillus species isolated from dairy products. Chopra AK, et al. **J Appl Bacteriol** 1984 Oct;57(2):263-71

Volatile compounds associated with the aerobic growth of some Pseudomonas species on beef. Dainty RH, et al. **J Appl Bacteriol** 1984 Aug;57(1):75-81

Putrescine and cadaverine formation in vacuum packed beef. Edwards RA, et al. **J Appl Bacteriol** 1985 Jan;58(1):13-9

Detection of post-pasteurization contamination of cream by impedimetric methods. Griffiths MW, et al. **J Appl Bacteriol** 1984 Aug;57(1):107-14

Effect of various gas atmospheres on the growth and survival of Campylobacter jejuni on beef. Hänninen ML, et al. **J Appl Bacteriol** 1984 Aug;57(1):89-94

Contamination and bacterial retention capacity of beef carcasses at the abattoir. Kriaa H, et al. **J Appl Bacteriol** 1985 Jul;59(1):23-8

Bacteria in bivalve shellfish with special reference to the oyster. Kueh CS, et al. **J Appl Bacteriol** 1985 Jul;59(1):41-7

A note on the use of the non-central t-distribution in setting numerical microbiological specifications for foods. Malcolm S. **J Appl Bacteriol** 1984 Aug;57(1):175-7

A note on microbial spoilage of sheep meat at ambient temperature. Narasimha Rao D, et al. **J Appl Bacteriol** 1985 May;58(5):457-9

A study of the relative incidence of different Pseudomonas groups on meat using a computer-assisted identification technique employing only carbon source tests. Shaw BG, et al. **J Appl Bacteriol** 1984 Aug;57(1):59-67

A note on the screening of dried shrimps, shrimp paste and raw groundnut kernels for aflatoxin-producing Aspergillus flavus. Sim TS, et al. **J Appl Bacteriol** 1985 Jul;59(1):29-34

The microbiology of stockfish during the drying process. Valdimarsson G, et al. **J Appl Bacteriol** 1984 Dec; 57(3):413-21

A note on catalase enhanced recovery of acid injured cells of gram negative bacteria and its consequences for the assessment of the lethality of L-lactic acid decontamination of raw meat surfaces. Van Netten P, et al. **J Appl Bacteriol** 1984 Aug;57(1):169-73

The scope and limitations of four methods for the rapid identification of Enterobacteriaceae in foods. Villagarcia N. **J Appl Bacteriol** 1985 Feb;58(2):123-9

Determination of xanthomegnin in grains and animal feeds by liquid chromatography with electrochemical detection. Carman AS, et al. **J Assoc Off Anal Chem** 1984 Nov-Dec; 67(6):1095-8

Capillary gas chromatographic determination of T-2 toxin, HT-2 toxin, and diacetoxyscirpenol in cereal grains. Cohen H, et al. **J Assoc Off Anal Chem** 1984 Nov-Dec; 67(6):1105-7

Mycotoxins in grain dust: method for analysis of aflatoxins, ochratoxin A, zearalenone, vomitoxin, and secalonic acid D. Ehrlich KC, et al. **J Assoc Off Anal Chem** 1984 Sep-Oct; 67(5):963-7

Improved cleanup for liquid chromatographic analysis and fluorescence detection of aflatoxins M1 and M2 in fluid milk products. Ferguson-Foos J, et al. **J Assoc Off Anal Chem** 1984 Nov-Dec;67(6):1111-4

Direct enzyme-linked immunosorbent assay for determining aflatoxin M1 at picogram levels in dairy products. Fremy JM, et al. **J Assoc Off Anal Chem** 1984 Nov-Dec; 67(6):1098-101

Chemical confirmatory tests for ochratoxin A, citrinin, penicillic acid, sterigmatocystin, and zearalenone performed directly on thin layer chromatographic plates. Goliński P, et al. **J Assoc Off Anal Chem** 1984 Nov-Dec; 67(6):1108-10

Simple, rapid cleanup method for analysis of aflatoxins and comparison with various methods. Kamimura H, et al. **J Assoc Off Anal Chem** 1985 May-Jun;68(3):458-61

Improved enrichment for recovery of Shigella sonnei from foods. Mehlman IJ, et al. **J Assoc Off Anal Chem** 1985 May-Jun;68(3):552-5

Negative ion chemical ionization mass spectrometric method for confirmation of identity of aflatoxin B1: collaborative study. Park DL, et al. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):636-40

Gas chromatographic detection of D-(-)-2,3-butanediol and butyric acid produced by sporeformers in cream-style corn and canned beef noodle soup: collaborative study. Schafer ML, et al. **J Assoc Off Anal Chem** 1985 Jul-Aug; 68(4):626-31

Comparison of rapid perfringens medium and lactose sulfite medium for detection of Clostridium perfringens. Smith M. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):807-8

Modification of the rapid screening method for aflatoxin in corn for quantitative use. Spilmann JR Jr. **J Assoc Off Anal Chem** 1985 May-Jun;68(3):453-6

Liquid chromatographic determination of tenuazonic acid and alternariol methyl ether in tomatoes and tomato products. Stack ME, et al. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):640-2

Improved gas chromatographic method for quantitation of deoxynivalenol in wheat, corn, and feed. Terhune SJ, et al. **J Assoc Off Anal Chem** 1984 Nov-Dec;67(6):1102-4

Assessment of extraction procedures in the analysis of naturally contaminated grain products for deoxynivalenol (vomitoxin). Trenholm HL, et al. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):645-9

Rapid, sensitive liquid chromatographic method for determination of zearalenone and alpha- and beta-zearalenol in wheat. Trenholm HL, et al. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):968-72

Rapid quantitation and confirmation of aflatoxins in corn and peanut butter, using a disposable silica gel column, thin layer chromatography, and gas chromatography/mass spectrometry. Trucksess MW, et al. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):973-5

Rapid reverse phase liquid chromatographic determination of aflatoxin M1 in milk. Yousef AE, et al. **J Assoc Off Anal Chem** 1985 May-Jun;68(3):462-5

High-performance liquid chromatography of microbial acid metabolites. Adams RF, et al. **J Chromatogr** 1984 Dec 7; 336(1):125-37

Rapid and sensitive determination of zearalenone in cereals by high-performance liquid chromatography with fluorescence detection. Tanaka T, et al. **J Chromatogr** 1985 Jun 28;328:271-8

Identification of Staphylococcus species of bovine origin with the DMS Staph-Trac system. Langlois BE, et al. **J Clin Microbiol** 1984 Aug;20(2):227-30

Serotyping and serology studies of campylobacteriosis associated with consumption of raw milk. Vogt RL, et al. **J Clin Microbiol** 1984 Nov;20(5):998-1000

Importance of bile tolerance of Lactobacillus acidophilus used as a dietary adjunct. Gilliland SE, et al. **J Dairy Sci** 1984 Dec;67(12):3045-51

Yersinia enterocolitica 03 findings on porcine tongues in comparison with yersiniosis incidence in man in Czechoslovakia. Aldová E, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(3):319-29

Biotypes and serotypes of thermophilic campylobacters isolated from cattle, sheep and pig offal and other red meats. Bolton FJ, et al. **J Hyg (Lond)** 1985 Aug;95(1):1-6

Rapid and automated detection of salmonella by electrical measurements. Easter MC, et al. **J Hyg (Lond)** 1985 Jun; 94(3):245-62

The microbiology of cooked prawns and shrimps on retail sale. Greenwood MH, et al. **J Hyg (Lond)** 1985 Jun; 94(3):319-26

Escherichia coli in retail processed food. Pinegar JA, et al. **J Hyg (Lond)** 1985 Aug;95(1):39-46

Microbiological aspects of goat's milk. A Public Health Laboratory Service survey. Roberts D. **J Hyg (Lond)** 1985 Feb;94(1):31-44

The generation time, lag time, and minimum temperature of growth of coliform organisms on meat, and the implications for codes of practice in abattoirs. Smith MG. **J Hyg (Lond)** 1985 Jun;94(3):289-300

Salmonella isolation with Rappaport-Vassiliadis enrichment medium seeded with different sized inocula of pre-enrichment cultures of meat products and sewage polluted water. Vassiliadis P, et al. **J Hyg (Lond)** 1985 Aug; 95(1):139-47

A search for the source of Campylobacter jejuni in milk. Waterman SC, et al. **J Hyg (Lond)** 1984 Oct;93(2):333-7

Biotypes and serotypes of Campylobacter jejuni and Campylobacter coli strains isolated from patients, pigs and chickens in the region of Rotterdam. Bänffer JR. **J Infect** 1985 May;10(3):277-81

A point-source outbreak of campylobacteriosis associated with consumption of raw milk. Korlath JA, et al. **J Infect Dis** 1985 Sep;152(3):592-6

A multistate outbreak of gastrointestinal illness caused by enterotoxigenic Escherichia coli in imported semisoft cheese. MacDonald KL, et al. **J Infect Dis** 1985 Apr; 151(4):716-20

Growth of bacteria in enteral feeding solutions. Anderton A. **J Med Microbiol** 1985 Aug;20(1):63-8

Frogs as carriers of rare Salmonella serotypes. Rajagopalan D, et al. **J Postgrad Med** 1984 Apr;30(2):85-8

Mycotoxins [editorial] **J S Afr Vet Assoc** 1985 Jun;56(2):59

Guidelines for bacterial counts on carcases at Cato Ridge abattoir. Selmer-Olsen A. **J S Afr Vet Assoc** 1985 Jun; 56(2):99-100

Leads from the MMWR. Listeriosis outbreak associated with Mexican-style cheese--California. **JAMA** 1985 Jul 26; 254(4):474

Food-borne streptococcal pharyngitis in a hospital pediatrics clinic. Decker MD, et al. **JAMA** 1985 Feb 1;253(5):679-81

Bacteriological analysis of different foods to determine the fitness for human consumption. Begum M. **JPMA** 1985 Mar;35(3):79-84

Bacteriological study of fresh market's meat (beef and mutton) of Rawalpindi/Islamabad Region. Begum M. **JPMA** 1984 Jul;34(7):214-7

Monocontamination of germ-free mice by a fastidious unidentified anaerobe. Taylor DM. **Lab Anim** 1985 Jul; 19(3):251-4

Clinical features of sporadic non-A, non-B hepatitis possibly associated with faecal-oral spread [letter] Caredda F, et al. **Lancet** 1985 Aug 24;2(8452):444-5

Listeriosis outbreak associated with Mexican-style cheese--California. **MMWR** 1985 Jun 21;34(24):357-9

Botulism from fresh foods--California. **MMWR** 1985 Mar 22;34(11):156-7

Winged bean (Psophocarpus tetragonolobus (L.) DC) as a substrate for growth and aflatoxin production by aflatoxigenic strains of Aspergillus spp. Bean G, et al. **Mycopathologia** 1985 Jun;90(3):141-5

Fungal flora of Egyptian baladi bread with special reference to the mutagenic effects of their toxic metabolites. Megalla SE, et al. **Mycopathologia** 1985 Jan;89(1):35-41

The mycotoxicological chain and contamination of food by ochratoxin A in the nephropathic and non-nephropathic areas in Yugoslavia. Pepeljnjak S, et al. **Mycopathologia** 1985 Jun;90(3):147-53

Studies on the isolation of Cryptococcus neoformans from fruits and vegetables. Pal M, et al. **Mykosen** 1985 Apr; 28(4):200-5

Food technology [letter] **N Engl J Med** 1985 Aug 15; 313(7):453-4

The effect of certain antibiotics on bolti fish (Tilapia nilotica) preservation. el-Bedawey AE, et al. **Nahrung** 1985; 29(3):303-8

Production of trichothecenes and zearalenone by Fusarium species isolated from wheat. Chełkowski J, et al. **Nahrung** 1984;28(5):493-6

Mycotoxins in cereal grain. Part XI. Simple multidetection procedure for determination of 11 mycotoxins in cereals. Grabarkiewicz-Szczęsna J, et al. **Nahrung** 1985; 29(3):229-40

Influence of heating and cooling rates on spore germination and growth of Clostridium perfringens in media and in roast beef. Shigehisa T, et al. **Nippon Juigaku Zasshi** 1985 Apr; 47(2):259-67

Destruction of salmonellae, Escherichia coli, and Staphylococcus aureus inoculated into and onto beef during dry-oven roasting. Shigehisa T, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):251-7

The bacteriological safety of unpasteurized cured meat products in response to the manufacturing processes. Shigehisa T, et al. **Nippon Juigaku Zasshi** 1985 Jun; 47(3):443-52

Toxin production by Clostridium botulinum types A and B in unpasteurized cured meat products held at 15 and 27 degrees C. Shigehisa T, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):917-20

The frequency of salmonellae on duck eggs. Baker RC, et al. **Poult Sci** 1985 Apr;64(4):646-52

Comparative effects of antifungal compounds on the nutritional value of diets containing moldy corn for broiler chicks. Bartov I. **Poult Sci** 1985 Jun;64(6):1236-8

Effect of Eimeria tenella infection in chickens fed the feed artificially contaminated with Salmonella typhimurium. Morishima H, et al. **Poult Sci** 1984 Sep;63(9):1732-7

The iron milk most probable number method for enumeration of Clostridium perfringens in the diet and the intestine of the chick. Stutz MW, et al. **Poult Sci** 1984 Nov;63(11):2241–6

The effect of carbon dioxide packaging on detection of Campylobacter jejuni from chicken carcasses. Wesley RD, et al. **Poult Sci** 1985 Apr;64(4):763–4

A new N-nitroso compound, N-2-methylpropyl-N-1-methylacetonyl-nitrosamine, in moldy millet and wheat flour. Ji C, et al. **Sci Sin [B]** 1984 Jun;27(6):601–9

Detection and enumeration of injured bacterial spores in processed foods. Johnson KM, et al. **Soc Appl Bacteriol Symp Ser** 1984;(12):241–56 (55 ref.)

Effect of sample handling on microbial limits laid down in standards. Van Schothorst M, et al. **Soc Appl Bacteriol Symp Ser** 1984;(12):309–28 (55 ref.)

Control of salmonella by acid disinfection of chicks' food [letter] Hinton M, et al. **Vet Rec** 1985 May 4;116(18):502

The role of food safety in health and development. Report of a Joint FAO/WHO Expert Committee on Food Safety. **WHO Tech Rep Ser** 1984;705:1–79

Determination of coliform bacteria in foods using pre-incubation. **Z Lebensm Unters Forsch** 1984 Dec;179(6):458–9

Some microbiological aspects of inedible rendering processes. Hansen PI, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec;180(1):3–20

Bacteriological flora of meat and meat products. Zahra MK, et al. **Zentralbl Mikrobiol** 1985;140(1):55–8

[Microbiological research on processed cheese] Aleksieva V, et al. **Vet Med Nauki** 1985;22(3):77–83 (Eng. Abstr.) **(Bul)**

[Microorganisms of the fam. Micrococcaceae in the production and storage of prepackaged veal] Donzo M, et al. **Vet Med Nauki** 1985;22(5):37–42 (Eng. Abstr.) **(Bul)**

[Proteolytic activity of the microflora of meat] Enikova R, et al. **Vet Med Nauki** 1984;21(10):67–74 (Eng. Abstr.) **(Bul)**

[Cold resistance of S. aureus and staphylococcal enterotoxins A and C2 in ice cream] Gogov I, et al. **Vet Med Nauki** 1984;21(10):46–50 (Eng. Abstr.) **(Bul)**

[Modified rapid method for the quantitative determination of S. aureus in food products and washings] Gogov I. **Vet Med Nauki** 1985;22(1):58–62 (Eng. Abstr.) **(Bul)**

[Production of enterotoxins A, B and C in staphylococcal strains isolated from animal food products and other sources] Gogov I. **Vet Med Nauki** 1985;22(6):62–7 (Eng. Abstr.) **(Bul)**

[Amino acid composition of white poultry meat contaminated with psychotropic microorganisms of the genus Pseudomonas] Ivanova S, et al. **Vet Med Nauki** 1984;21(9):99–105 (Eng. Abstr.) **(Bul)**

[Contamination of butchered poultry with psychrophilic and psychrotrophic microorganisms] Ivanova S. **Vet Med Nauki** 1984;21(10):51–8 (Eng. Abstr.) **(Bul)**

[Amino acid composition of white poultry meat contaminated with psychrophilic microorganisms] Ivanova S, et al. **Vet Med Nauki** 1985;22(6):73–8 (Eng. Abstr.) **(Bul)**

[Microbiological research on the production and storage of fast-frozen semiproducts] Kuner Zh, et al. **Vet Med Nauki** 1985;22(6):68–72 (Eng. Abstr.) **(Bul)**

[Chemical and microbiological studies of the meat of broilers fed mixed feeds with a bacterial protein supplement] Monov G, et al. **Vet Med Nauki** 1984;21(9):93–8 (Eng. Abstr.) **(Bul)**

[Microbiological studies of pheasant meat] Petkov R, et al. **Vet Med Nauki** 1984;21(7–8):100–5 (Eng. Abstr.) **(Bul)**

[Isolation, culture and test of the toxicity of toxigenic fungi from mildewed sugarcane] Zhen YZ. **Chung Hua I Hsueh Tsa Chih** 1984 Nov;64(11):664–6 (Eng. Abstr.) **(Chi)**

[A preliminary study of food poisoning by Bacillus brevis Migula] Wen RR. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 May;18(3):168–9 (Eng. Abstr.) **(Chi)**

[Contamination, biotype and serotype of Bacillus cereus in food] Wu GX. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Jul;18(4):203–6 (Eng. Abstr.) **(Chi)**

[Survey of Salmonella contamination in animal slaughtering and meat and poultry processing in Beijing Union Plants] Xiang L, et al. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1985 Mar;19(2):88–9 (Eng. Abstr.) **(Chi)**

[Detection of staphylococcal enterotoxin in sheep cheese] Petráš P. **Cesk Epidemiol Mikrobiol Imunol** 1985 Jun;34(4):208–11 (Eng. Abstr.) **(Cze)**

[Microbiological reference values for food products] Smit MP. **Tijdschr Diergeneeskd** 1985 Jun 1;110(11):447–53 (Eng. Abstr.) **(Dut)**

[Listeria strains isolated from sick animals and consumed silage] Fensterbank R, et al. **Ann Rech Vet** 1984;15(1):113–8 (Eng. Abstr.) **(Fre)**

[The search for Yersinia enterocolitica in vegetables treated by a cold line in school cafeterias in Montpellier] Darbas H, et al. **Rev Epidemiol Sante Publique** 1985;33(2):142–9 (Eng. Abstr.) **(Fre)**

[Bacteriological safety of enteral nutrition with continuous delivery] Bengoa JM, et al. **Schweiz Med Wochenschr** 1985 Jun 29;115(26):903–6 (Eng. Abstr.) **(Fre)**

[Histamine breakdown by microbes of importance in food hygiene] Janz I. **Arch Exp Veterinarmed** 1985 Jan;39(1):37–41 (Eng. Abstr.) **(Ger)**

[Experimental studies on the fluorescence serological demonstration of salmonellas in feed yeast] Schulz G, et al. **Arch Exp Veterinarmed** 1984 Jul;38(4):565–71 (Eng. Abstr.) **(Ger)**

[Microflora from commercial offal with special reference to the incidence of Salmonella] Sinell HJ, et al. **Berl Munch Tierarztl Wochenschr** 1984 Nov 1;97(11):415–8 (Eng. Abstr.) **(Ger)**

[Cariogenic properties of different infant teas. I. In vitro microbiological tests with a special pH electrode] Gehring F, et al. **Dtsch Zahnarztl Z** 1984 Jul;39(7):515–9 (Eng. Abstr.) **(Ger)**

[Toxins, especially mycotoxins, in feed] Gedek B. **DTW** 1985 Jun 7;92(6):215–8 (Eng. Abstr.) **(Ger)**

[Contaminating viruses in feed] Haas L, et al. **DTW** 1985 Jun 7;92(6):212–5 (Eng. Abstr.) **(Ger)**

[Statistical evaluation of repeated samples for total pathogen count determination on surfaces] Janke-Grimm G, et al. **DTW** 1985 Feb 7;92(2):49–54 (Eng. Abstr.) **(Ger)**

[Bacteriological and mycological study of feed] Pózvári M. **DTW** 1985 Jun 7;92(6):207–12 **(Ger)**

[Biometric evaluation of microbiologic study procedures of foods within the scope of paragraph 35 of the Food and Necessities Law] Weiss H, et al. **DTW** 1985 Feb 7;92(2):64–75 (Eng. Abstr.) **(Ger)**

[Microbiological problems of meat and meat product packaging in flexible packing materials] Cerny G. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):99–108 **(Ger)**

[Microbiological risks for consumers caused by meat and meat products] Kampelmacher EH. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):161–70 (32 ref.) **(Ger)**

[Timely food control for effective consumer protection] Untermann F. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):171–84 **(Ger)**

[Spoilage of fruit juice by bacilli: isolation and characterization of the spoiling microorganisms] Cerny G, et al. **Z Lebensm Unters Forsch** 1984 Sep;179(3):224–7 (Eng. Abstr.) **(Ger)**

[The mycotoxin problem: results of food monitoring] Kiermeier F. **Z Lebensm Unters Forsch** 1985 May;180(5):389–93 (Eng. Abstr.) **(Ger)**

[Subchronic toxicity testing of mold-ripened cheese] Schoch U, et al. **Z Lebensm Unters Forsch** 1984 Aug;179(2):99–103 (Eng. Abstr.) **(Ger)**

[Concentration profiles of putrescine and cadaverine in inoculated vacuum packed beef] Slemr J, et al. **Z Lebensm Unters Forsch** 1984 Oct;179(4):305–7 (Eng. Abstr.) **(Ger)**

[The microflora of sourdough. XIX. The effect of temperature and dough yield on the proteolytic effect of lactic acid bacteria in sourdough] Spicher G, et al. **Z Lebensm Unters Forsch** 1984 Jul;179(1):36–9 (Eng. Abstr.) **(Ger)**

[Infection prevention in animal husbandry. A contribution to the improvement of the sanitary consumer protection] Grossklaus D. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb;180(2–3):225–40 (Eng. Abstr.) **(Ger)**

[The behavior of Campylobacter jejuni in various foodstuffs] Wundt W, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 May;180(5–6):528–33 (Eng. Abstr.) **(Ger)**

[Determination of the internal mycoflora of grain for quality control] Kwella M, et al. **Zentralbl Mikrobiol** 1984;139(6):453–62 (Eng. Abstr.) **(Ger)**

[Salmonellas in feedstuffs] Pietzsch O, et al. **Zentralbl Veterinarmed [B]** 1984 Jun;31(5):343–57 (Eng. Abstr.) **(Ger)**

[First isolation of Yersinia enterocolitica in several horticultural products intended usually to be consumed fresh] Cavazzini G, et al. **Boll Ist Sieroter Milan** 1982;61(5):428–31 (Eng. Abstr.) **(Ita)**

[Mycotoxins in some vegetables] Amodio R, et al. **Nuovi Ann Ig Microbiol** 1984 Jan–Feb;35(1):51–6 (Eng. Abstr.) **(Ita)**

[Presence of Yersinia in animals and foods of animal origin] Quaglio P, et al. **Nuovi Ann Ig Microbiol** 1983 Mar–Apr;34(2):89–96 (Eng. Abstr.) **(Ita)**

[Isolation of strains of Yersinia enterocolitica and affinity of the species for plant products] Quaglio P, et al. **Nuovi Ann Ig Microbiol** 1984 Jan–Feb;35(1):23–31 (Eng. Abstr.) **(Ita)**

[Presence of salmonellae in meat products intended for domestic animals] Strongoli M, et al. **Nuovi Ann Ig Microbiol** 1983 Jan–Feb;34(1):57–61 (Eng. Abstr.) **(Ita)**

[Mycological quality of dehydrated food] Udagawa S, et al. **Eisei Shikenjo Hokoku** 1984;(102):147–50 (Eng. Abstr.) **(Jpn)**

[Mycological survey of Worcestershire and fruit sauces and 'an' (bean jam) for standardization purposes] Udagawa S, et al. **Eisei Shikenjo Hokoku** 1984;(102):144–6 (Eng. Abstr.) **(Jpn)**

[Characteristics and variability of microflora of popular steamed sausage during post-production preservation] Libelt K. **Pol Arch Weter** 1984;24(1):51–64 (Eng. Abstr.) **(Pol)**

[Sodium sorbate as a preservative for ready-to-eat foods] Włodarczyk M. **Rocz Panstw Zakl Hig** 1985;36(1):53–8 (Eng. Abstr.) **(Pol)**

[Sanitary conditions of type B pasteurized milk sold in the city of São Paulo, SP (Brazil) from February to August 1982] Baruffaldi R, et al. **Rev Saude Publica** 1984 Oct;18(5):367–74 (Eng. Abstr.) **(Por)**

[Chemical treatment of polluted vegetables] Baruffaldi R, et al. **Rev Saude Publica** 1984 Jun;18(3):225–34 (Eng. Abstr.) **(Por)**

[Food poisoning of bacterial etiology] Efremov E, et al. **Gig Sanit** 1984 Dec;(12):45–7 **(Rus)**

[Microflora of sea shellfish] Grigor'ev IuI, et al. **Gig Sanit** 1984 Dec;(12):64–5 **(Rus)**

[Microbiological evaluation of ground Maurolicus] Grigor'ev IuI, et al. **Gig Sanit** 1984 Oct;(10):75–7 **(Rus)**

[Microbiological characteristics of boiled sausages during their production] Kalamkarova LI, et al. **Gig Sanit** 1984 Dec;(12):50–1 **(Rus)**

[Statistical substantiation of sanitary-bacteriological control of milk products at dairy farms by laboratories of sanitary-epidemiological centers] Korzenko VN, et al. **Gig Sanit** 1985 Jan;(1):48–50 **(Rus)**

[Hygienic aspects of using cottonseed protein in diets] Nikov PS, et al. **Gig Sanit** 1985 May;(5):22–4 (Eng. Abstr.) **(Rus)**

[Role of ice cream in cones in the epidemiology of enterobiasis] Pankov NV. **Gig Sanit** 1985 Jun;(6):72–3 **(Rus)**

[Aerobic microflora of freshly caught and frozen food fish] Pivovarov IuP, et al. **Gig Sanit** 1985 Jun;(6):80–1 **(Rus)**

[Rose-colored grain and fusariosis] Boltianskaia EV, et al. **Vopr Pitan** 1985 Mar–Apr;(2):18–22 (43 ref.) **(Rus)**

[Indicator importance of the bacterial genus Proteus in assessing the hygienic status of food products] Enikova R. **Vopr Pitan** 1985 Jan–Feb;(1):8–14 (47 ref.) **(Rus)**

[Analysis of mycoflora in dehydrated semolina for children] Jesenská Z, et al. **Cesk Pediatr** 1985 Apr;40(4):228–31 (Eng. Abstr.) **(Slo)**

[Bacterial flora of liver paté in 3 stages of processing] Gesche E, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):384–90 (Eng. Abstr.) **(Spa)**

[Use of food treated with gamma radiation in the feeding of rainbow trout (Salmo gairdnerii irideus)] Grümberg J, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):83–93 (Eng. Abstr.) **(Spa)**

[Bacteriological study of bivalves of the Gulf of Nicoya, Costa Rica. II. State of the mollusk at the time of eating it] Fernández B, et al. **Rev Biol Trop** 1983 Nov;31(2):311–6 (Eng. Abstr.) **(Spa)**

[Detection of carcinogenic mycotoxins and the producer molds in dried fruits] Sanchís V, et al. **Rev Esp Oncol** 1982;29(3):489–95 (Eng. Abstr.) **(Spa)**

[Antagonism of Streptococcus, Lactobacillus and Leuconostoc strains from fresh, unpasteurized cheeses against various enteropathogenic bacteria] Fernández Escartín E, et al. **Rev Latinoam Microbiol** 1984 Jan–Mar;26(1):47–51 (Eng. Abstr.) **(Spa)**

[Determination of the enterotoxigenicity of Staphylococcus aureus strains isolated from cheese] Reyes L, et al. **Rev Latinoam Microbiol** 1984 Jul–Sep;26(3):277–83 (Eng. Abstr.) **(Spa)**

[Chickens as a vehicle for transporting salmonellae in food] Corral Carranceja J, et al. **Rev Sanid Hig Publica (Madr)** 1983 Sep–Oct;57(9–10):943–7 (Eng. Abstr.) **(Spa)**

[Microbiological quality of frozen Pleuronectiformes fish] Marín Villarejo MC, et al. **Rev Sanid Hig Publica (Madr)** 1983 Sep–Oct;57(9–10):933–41 (Eng. Abstr.) **(Spa)**

[Study of the microbiology of margarine] Polo Villar LM, et al. **Rev Sanid Hig Publica (Madr)** 1984 Mar–Apr;58(3–4):291–6 (Eng. Abstr.) **(Spa)**

[Microbiological bases for establishing the shelf life of vacuum-packed sausages] Zurera Cosano G. **Rev Sanid Hig Publica (Madr)** 1983 Jul–Aug;57(7–8):737–48 (Eng. Abstr.) **(Spa)**

FOOD PLANTS see **PLANTS, EDIBLE**

FOOD POISONING

An outbreak of Yersinia enterocolitica infections caused by contaminated tofu (soybean curd). Tacket CO, et al. **Am J Epidemiol** 1985 May;121(5):705–11

Abstracts of papers presented at the scientific sessions and symposium in the XXVIII annual conference of the Indian Public Health Association. Izatnagar, 10–12 February 1984. **Indian J Public Health** 1984 Apr–Jun;28(2):53–76

Food intolerance. Lessof MH. **Proc Nutr Soc** 1985 Feb;44(1):121–5 (23 ref.)

[Microbiological risks for consumers caused by meat and meat products] Kampelmacher EH. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):161–70 (32 ref.) **(Ger)**

[The global problem of foodborne infections and intoxications] Käferstein FK. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb;180(2–3):335–42 (Eng. Abstr.) **(Ger)**

[Food toxicology as a part of nutrition hygiene and a training course] Gabovich RD, et al. **Gig Sanit** 1985 Jan;(1):42–5 **(Rus)**

BLOOD

An unusual cause of poisoning [letter] Mackenzie A. **Med J Aust** 1984 Dec 8–22;141(12–13):903

[Blood prostaglandins in food toxicoinfections] Iushchuk ND, et al. **Sov Med** 1984;(12):102-5 **(Rus)**

COMPLICATIONS

Chronic juvenile toxic epidemic syndrome. Izquierdo M, et al. **Ann Rheum Dis** 1985 Feb;44(2):98-103

Acute renal failure after eating raw fish gall bladder. Chan DW, et al. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):897

Hypokalemic myopathy associated with liquorice ingestion. Cibelli G, et al. **Ital J Neurol Sci** 1984 Dec;5(4):463-6

[Acute disorders of cerebral circulation in food poisoning] Brodov LE, et al. **Klin Med (Mosk)** 1984 Jul;62(7):59-62 (Eng. Abstr.) **(Rus)**

[Delayed obliterative vasculopathy without interstitial fibrosis in toxic oil syndrome] Sueiro Bendito A, et al. **Med Clin (Barc)** 1985 Feb 16;84(6):237-9 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Clinical evidence and therapeutic indications in neurotoxicology, exemplified by thallotoxicosis. Andersen O. **Acta Neurol Scand [Suppl]** 1984;100:185-92

[Clinico-immunologic characteristics of food poisoning] Iushchuk ND, et al. **Klin Med (Mosk)** 1984 Sep;62(9):96-101 (Eng. Abstr.) **(Rus)**

ETIOLOGY

A statewide assessment of the role of Norwalk virus in outbreaks of food-borne gastroenteritis [letter] Kuritsky JN, et al. **J Infect Dis** 1985 Mar;151(3):568

Toxic oil syndrome and vinyl chloride disease [letter] Hernandez Bronchud M. **Lancet** 1984 Oct 20;2(8408):931

[Acute food poisoning caused by eating the viscera of Spheroides vermicularis] Wang DS. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Jul;18(4):210-2 (Eng. Abstr.) **(Chi)**

[A preliminary study of food poisoning by Bacillus brevis Migula] Wen RR. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 May;18(3):168-9 (Eng. Abstr.) **(Chi)**

[Timely food control for effective consumer protection] Untermann F. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):171-84 **(Ger)**

[Poisonous animals—a travel medicine problem?] Stahel E, et al. **Ther Umsch** 1985 Jan;42(1):76-81 (Eng. Abstr.) **(Ger)**

[Histamine and fish hygiene] Askar A. **Z Gesamte Hyg** 1984 Dec;30(12):699-701 (Eng. Abstr.) **(Ger)**

[Food-borne Salmonella oranienburg infection in Akershus and Sør-Trøndelag] Holten E, et al. **Tidsskr Nor Laegeforen** 1984 Aug 20;104(23):1520-2 (Eng. Abstr.) **(Nor)**

[Accidental food poisoning with porcine adrenal glands] Winiecki B. **Przegl Epidemiol** 1984;38(3):321-2 (Eng. Abstr.) **(Pol)**

[Food poisoning of bacterial etiology] Efremov E, et al. **Gig Sanit** 1984 Dec;(12):45-7 **(Rus)**

[Histamine in tuna fish made 2 young people emergency cases] Hervius I. **Lakartidningen** 1985 Jul 24;82(30-31):2619 **(Swe)**

IMMUNOLOGY

[Serum immunoglobulins M, A and G in acute food poisoning of various etiologies] Patorska-Mach E, et al. **Wiad Lek** 1984 Aug 1;37(15):1167-75 (Eng. Abstr.) **(Pol)**

METABOLISM

Toxic oil syndrome, Spain: effect of oleoylanilide on the release of polysaturated fatty acids and lipid peroxidation in rats. Suarez A, et al. **Arch Environ Contam Toxicol** 1985 Mar;14(2):131-6

MICROBIOLOGY

Bacillus cereus, diarrhea, and home-dried apples [letter] Moreno AJ, et al. **Ann Intern Med** 1985 Jun;102(6):868-9

An outbreak of Bacillus cereus food poisoning in a school hostel, Klang. Rampal L, et al. **Med J Malaysia** 1984 Jun;39(2):116-22

Bacteria and food poisoning organisms in milk. Abo-Elnaga IG, et al. **Nahrung** 1985;29(4):375-80

Salmonella food poisoning [letter] Jukes TH. **Science** 1984 Nov 23;226(4677):911

[Significance of forms of selected infectious enteritis] Bockemühl J, et al. **Off Gesundheitswes** 1984 Dec;46(12):595-9 **(Ger)**

OCCURRENCE

Food poisoning associated with Pseudomonas aeruginosa. Meitert E, et al. **Arch Roum Pathol Exp Microbiol** 1984 Apr-Jun;43(2):115-9

Food poisoning as an in-flight safety hazard. Beers KN, et al. **Aviat Space Environ Med** 1985 Jun;56(6):594-7

Food poisoning and salmonella surveillance in England and Wales: 1983. **Br Med J [Clin Res]** 1985 Aug 10;291(6492):394-6

Type A botulism from sauteed onions. Clinical and epidemiologic observations. MacDonald KL, et al. **JAMA** 1985 Mar 1;253(9):1275-8

Clostridium perfringens food poisoning on North Sea oil installations [letter] Reid TM, et al. **Lancet** 1985 Feb 2;1(8423):272

Food poisoning [editorial] Christopher P. **Med J Aust** 1984 Aug 18;141(4):205-7

Poultry giblet-associated salmonellosis—Maine. **MMWR** 1984 Nov 9;33(44):630-1

Streptococcal foodborne outbreaks—Puerto Rico, Missouri. **MMWR** 1984 Nov 30;33(47):669-72

Occurrence of a water soluble toxin in a parrotfish (Ypsiscarus ovifrons) which is probably responsible for parrotfish liver poisoning. Fusetani N, et al. **Toxicon** 1985;23(1):105-12

[Epidemiology of Ciguatera in the Iles Saintes (Guadeloupe)] Czernichow P, et al. **Rev Epidemiol Sante Publique** 1984;32(5):315-21 (Eng. Abstr.) **(Fre)**

[Community outbreaks of mixed food-borne infection with Vibrio parahaemolyticus and Vibrio fluvialis] Tokoro M, et al. **Kansenshogaku Zasshi** 1984 Oct;58(10):1038-45 (Eng. Abstr.) **(Jpn)**

[Food poisoning 1982] Adonajło A, et al. **Przegl Epidemiol** 1984;38(2):165-73 **(Pol)**

[Outbreak of food toxicoinfection caused by enterotoxic Escherichia coli] Dolzhkevich NIa, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):114 **(Rus)**

PREVENTION & CONTROL

Control of food poisoning risks associated with shellfish. West PA, et al. **J R Soc Health** 1985 Feb;105(1):15-21

The role of food safety in health and development. Abdussalam M. **WHO Chron** 1984;38(3):99-103

[Mycotoxins and food contamination] Jemmali M. **Arch Inst Pasteur Tunis** 1983 Dec;60(3-4):381-92 (Eng. Abstr.) **(Fre)**

[Enzymatic mechanism of the body's defense against foreign substances in food] Tutel'ian VA. **Vestn Akad Med Nauk SSSR** 1984;(8):84-9 (Eng. Abstr.) **(Rus)**

VETERINARY

Preliminary study of the pharmacokinetics and toxicopathy of deoxynivalenol (vomitoxin) in swine. Coppock RW, et al. **Am J Vet Res** 1985 Jan;46(1):169-74

Sterigmatocystin in dairy cattle feed contaminated with Aspergillus versicolor. Vesonder RF, et al. **Appl Environ Microbiol** 1985 Jan;49(1):234-5

Suspected monensin toxicosis in feedlot cattle. Geor RJ, et al. **Aust Vet J** 1985 Apr;62(4):130-1

Broiler aflatoxicosis with recovery after replacement of the contaminated diet. Chen C, et al. **Br Poult Sci** 1985 Jan;26(1):65-71

Pseudohyperchloremia associated with bromide intoxication in a goat herd. Liggett AD, et al. **J Am Vet Med Assoc** 1985 Jul 1;187(1):72-4

Secondary poisoning of Franklin's gulls in Texas by monocrotophos. White DH, et al. **J Wildl Dis** 1985 Jan;21(1):76-8

A tremorgenic mycotoxicosis of cattle caused by maize sprouts infested with Aspergillus clavatus. Kellerman TS, et al. **Onderstepoort J Vet Res** 1984 Dec;51(4):271-4

Induction of diplodiosis, a neuromycotoxicosis, in domestic ruminants with cultures of indigenous and exotic isolates of Diplodia maydis. Kellerman TS, et al. **Onderstepoort J Vet Res** 1985 Mar;52(1):35-42

Experimental onion-induced hemolytic anemia in dogs. Harvey JW, et al. **Vet Pathol** 1985 Jul;22(4):387-92

A case of chronic zinc poisoning in calves fed with zinc-contaminated roughage. Wentink GH, et al. **Vet Q** 1985 Apr;7(2):153-7

[Tiamulin and salinomycin intolerance in swine] Wanner M. **Schweiz Arch Tierheilkd** 1984 Oct;126(10):521-6 (Eng. Abstr.) **(Ger)**

FOOD PREFERENCES

Taste perception for phenylthiocarbamide and food choice—a Hungarian twin study. Forrai G, et al. **Acta Physiol Hung** 1984;64(1):33-40

On the food favoritism of twins. Forrai G, et al. **Acta Physiol Hung** 1984;64(1):25-32

Evaluation of long-term dietary intakes of adults consuming self-selected diets. Kim WW, et al. **Am J Clin Nutr** 1984 Dec;40(6 Suppl):1327-32

Food-conditioned eating preferences and aversions with interoceptive elements: conditioned appetites and satieties. Booth DA. **Ann NY Acad Sci** 1985;443:22-41

The role of Pavlovian conditioning in the acquisition of food likes and dislikes. Rozin P, et al. **Ann NY Acad Sci** 1985;443:189-202

Acceptance of sweet and salty tastes in 2-year-old children. Beauchamp GK, et al. **Appetite** 1984 Dec;5(4):291-305

Deprivation, palatability and the micro-structure of meals in human subjects. Bellisle F, et al. **Appetite** 1984 Jun;5(2):85-94

Time of day influences food acceptability. Birch LL, et al. **Appetite** 1984 Jun;5(2):109-16

Effects of information about specific nutrient content on ratings of 'goodness' and 'pleasantness' of common foods. Eiser JR, et al. **Appetite** 1984 Dec;5(4):349-59

Sweetness intensity perception and sweetness pleasantness in women varying in reported restraint of eating. Frijters JE. **Appetite** 1984 Jun;5(2):103-8

Hunger and palatability: tracking ratings of subjective experience before, during and after the consumption of preferred and less preferred food. Hill AJ, et al. **Appetite** 1984 Dec;5(4):361-71

Acculturation to Canadian Foods by Chinese immigrant boys: changes in the perceived flavor, health value and prestige of foods. Hrboticky N, et al. **Appetite** 1984 Jun;5(2):117-26

Stimulus range influences intensity and hedonic ratings of flavour. McBride RL. **Appetite** 1985 Jun;6(2):125-31

An adjustment error in optimization of taste intensity. Mattes RD, et al. **Appetite** 1985 Jun;6(2):103-14

Rejection by pigs of mouldy grain containing deoxynivalenol. Moore CJ, et al. **Aust Vet J** 1985 Feb;62(2):60-2

Olfactory responses to alcohols by adults of sympatric populations of Drosophila melanogaster and Drosophila simulans. Soliman MH, et al. **Behav Genet** 1984 May;14(3):295-313

Learned aversions to proteins in rats on a dietary self-selection regimen. Bernstein IL, et al. **Behav Neurosci** 1984 Dec;98(6):1065-72

Sustained suppression of voluntary sodium intake of spontaneously hypertensive rats (SHR) in hypobaric hypoxia. Behm R, et al. **Biomed Biochim Acta** 1984;43(7):975-85

Nausea and vomiting and dietary cravings and aversions during pregnancy in South African women. Walker AR, et al. **Br J Obstet Gynaecol** 1985 May;92(5):484-9

Sodium detection threshold and preference for sodium chloride in humans on high and low sodium diets. DiNicolantonio R, et al. **Clin Exp Pharmacol Physiol** 1984 Jul-Aug;11(4):335-8

Sweet preference and dental caries among Bedouin youth in Israel. Steiner JE, et al. **Community Dent Oral Epidemiol** 1984 Dec;12(6):386-9

Phenotypic basis for a feeding change in an insular population of garter snakes. Greenwell MG, et al. **Dev Psychobiol** 1984 Sep;17(5):457-63

Feed preferences of ponies. Hawkes J, et al. **Equine Vet J** 1985 Jan;17(1):20-2

What do patients eat in hospital? Todd EA, et al. **Hum Nutr Appl Nutr** 1984 Aug;38(4):294-7

Longitudinal study of salt preferences in normotensive and hypertensive rats. Ferrell F, et al. **Hypertension** 1985 May-Jun;7(3 Pt 1):326-32

Effects of body weight on taste of male and female rats. Rao BS. **Indian J Physiol Pharmacol** 1984 Jan-Mar;28(1):53-7

New techniques: multidimensional analyses of taste responsiveness. Drewnowski A. **Int J Obes** 1984;8(5):599-607

Nutritional status of the elderly. IV. Nutritional knowledge, food preferences and life styles connected with the nutritional process. Alberti Fidanza A. **Int J Vitam Nutr Res** 1984;54(4):361-9

An assessment of factors affecting consumption of entrée items by hospital patients. Cash EM, et al. **J Am Diet Assoc** 1985 Mar;85(3):350-2

Typology of food preferences identified by Nutri-Food Sort. Fetzer JN, et al. **J Am Diet Assoc** 1985 Aug;85(8):961-5

Food choices of vegetarians and nonvegetarians during pregnancy and lactation. Finley DA, et al. **J Am Diet Assoc** 1985 Jun;85(6):678-85

Selection and quantification of typical food portions by young adults. Guthrie HA. **J Am Diet Assoc** 1984 Dec;84(12):1440-4

Taste responses to saltiness among hypertensive subjects under different therapeutic regimens. Little AC, et al. **J Am Diet Assoc** 1985 May;85(5):557-63

Offer vs. serve foodservice in lower elementary school lunchrooms. Robichaux F, et al. **J Am Diet Assoc** 1985 Jul;85(7):853-4

Development and validation of an instrument for characterizing food-related behavior. Williams AC, et al. **J Am Diet Assoc** 1985 Jun;85(6):685-9

Rats (Rattus norvegicus) do not prefer salted solid food. Beauchamp GK, et al. **J Comp Psychol** 1985 Jun;99(2):240-7

Type and strength of food preferences of individuals with Prader-Willi syndrome. Taylor RL, et al. **J Ment Defic Res** 1985 Mar;29 (Pt 1):109-12

Effect of shiftwork on canteen food purchase. Stewart AJ, et al. **J Occup Med** 1985 Aug;27(8):552-4

Evolutionarily stable strategies in food selection models with fitness sets. Stenseth NC. **J Theor Biol** 1984 Aug 21;109(4):489-99

The fruit people. Part 1. Hackett E. **Med J Aust** 1984 Nov 24;141(11):736-8

Meal patterns and food selection during the development of obesity in rats fed a cafeteria diet. Rogers PJ, et al. **Neurosci Biobehav Rev** 1984 Winter;8(4):441-53

Role of noradrenaline and serotonin in the basolateral region of the amygdala in food preferences and learned taste aversions in the rat. Borsini F, et al. **Physiol Behav** 1984 Jul;33(1):37-43

Self-selection and the obese Zucker rat: the effect of dietary fat dilution. Castonguay TW, et al. **Physiol Behav** 1984 Jul;33(1):119-26

Self-selection of dietary casein and soy-protein by the cat. Cook NE, et al. **Physiol Behav** 1985 Apr;34(4):583-94

Patterns of nutrient selection in rats with streptozotocin-induced diabetes. Kanarek RB, et al. **Physiol Behav** 1984 Apr;32(4):639-45

Diet selection following area postrema/nucleus of the solitary tract lesions. Kenney NJ, et al. **Physiol Behav** 1984 May; 32(5):749-53

Sensory versus dietary factors in cafeteria-induced overweight. Louis-Sylvestre J, et al. **Physiol Behav** 1984 Jun;32(6):901-5

Targets of learned food aversions in humans. Midkiff EE, et al. **Physiol Behav** 1985 May;34(5):839-41

Influence of dietary protein level on protein self-selection and plasma and brain amino acid concentrations. Peters JC, et al. **Physiol Behav** 1984 Nov;33(5):783-90

Purified diets: some cautions about casein. Sanders S, et al. **Physiol Behav** 1984 Sep;33(3):457-63

Taste preferences in a free-choice situation following electrical stimulation and lesion of septal area in rats. Vasudev R, et al. **Physiol Behav** 1985 Apr;34(4):619-24

Responses to dietary self selection and calories in liquid form by weight selected lines of chickens. Brody TB, et al. **Poult Sci** 1984 Aug;63(8):1626-33

Trigeminal-taste interaction in palatability processing. Berridge KC, et al. **Science** 1985 May 10;228(4700):747-50

Nutritionally beneficial cultural practices. Wilson CS. **World Rev Nutr Diet** 1985;45:68-96 (127 ref.)

[Effect of nutritional education on food consumption in a group of children with insulin-dependent diabetes mellitus] Esquivel-Herrera S, et al. **Bol Med Hosp Infant Mex** 1984 Oct;41(10):525-7 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Dietary intake of sweet foods and of dairy fats and resultant gustatory responses to sugar in lemonade and to fat in milk. Pangborn RM, et al. **Appetite** 1984 Dec;5(4):317-27

The relationship between salt intake and preferences for different salt levels in soup. Shepherd R, et al. **Appetite** 1984 Dec;5(4):281-90

Noradrenergic innervation of the paraventricular nucleus: specific role in control of carbohydrate ingestion. Leibowitz SF, et al. **Brain Res Bull** 1985 Jun;14(6):561-7

Chlordiazepoxide injection elevates the NaCl solution acceptance-rejection function. Falk JL, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):449-51

Norepinephrine-facilitated eating: reduction in saccharin preference and conditioned flavor preferences with increase in quinine aversion. Matthews JW, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):1045-52

PHYSIOLOGY

Relation of body energetic status to dietary self-selection in Sprague-Dawley rats. Matsuo T, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Jun;30(3):255-64

Feeding in response to insulin and 2-deoxy-D-glucose in Zucker rats on dietary self-selection. Matsuo T, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Jun;30(3):265-72

Self-selection of phenylalanine in the rat. Yamamoto Y, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Jun;30(3):273-83

FOOD PRESERVATION

Identification of Acetobacter strains isolated from spoiled lactic acid fermented meat food for pets. Gosselé F, et al. **Antonie Van Leeuwenhoek** 1984;50(3):269-74

Klebsiella pneumoniae in orange juice concentrate. Fuentes FA, et al. **Appl Environ Microbiol** 1985 Jun;49(6):1527-9

Freeze concentration of fruit juices. Deshpande SS, et al. **CRC Crit Rev Food Sci Nutr** 1984;20(3):173-248 (112 ref.)

Effect of phenolic antioxidants on microbial growth. Fung DY, et al. **CRC Crit Rev Microbiol** 1985;12(2):153-83 (74 ref.)

Creamatocrit, carbon content, and energy value of pooled banked human milk: implications for feeding preterm infants. Smith L, et al. **Early Hum Dev** 1985 May; 11(1):75-80

Blood pressure lowering effect of eicosapentaenoic acid-rich diet in normotensive, hypertensive and hyperlipemic subjects. Singer P, et al. **Experientia** 1985 Apr 15; 41(4):462-4

The processing of whole milk powder from milk contaminated with 131I and its consequences for the environment. Mogot MF, et al. **Health Phys** 1984 Oct; 47(4):644-8

N-nitrosamines in smoked meats and their relation to diabetes. Helgason T, et al. **IARC Sci Publ** 1984;(57):911-20

An atomic absorption spectrophotometric method for the determination of trace amounts of zinc in canned juices after ion exchange separation. Aziz-Alrahman AM. **Int J Environ Anal Chem** 1984;19(1):55-61

Canned foods: appropriate in trace element studies? Henriksen LK, et al. **J Am Diet Assoc** 1985 May; 85(5):563-8

The microbiology of stockfish during the drying process. Valdimarsson G, et al. **J Appl Bacteriol** 1984 Dec; 57(3):413-21

Atomic absorption spectrophotometric determination of tin in canned foods, using nitric acid-hydrochloric acid digestion and nitrous oxide-acetylene flame: collaborative study. Dabeka RW, et al. **J Assoc Off Anal Chem** 1985 Mar-Apr;68(2):209-13

Simple, rapid method for determination of total extractable fat in canned pet foods. Maxwell RJ. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):878-9

Comparison of helium leak test and vacuum leak test using canned foods: collaborative study. Rhea US, et al. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):942-5

Gas chromatographic detection of D-(-)-2,3-butanediol and butyric acid produced by sporeformers in cream-style corn and canned beef noodle soup: collaborative study. Schafer ML, et al. **J Assoc Off Anal Chem** 1985 Jul-Aug; 68(4):626-31

The effect of certain antibiotics on bolti fish (Tilapia nilotica) preservation. el-Bedawey AE, et al. **Nahrung** 1985; 29(3):303-8

[Microbiological research on the production and storage of fast-frozen semiproducts] Kuner Zh, et al. **Vet Med Nauki** 1985;22(6):68-72 (Eng. Abstr.) **(Bul)**

[Differentiation of animal species of heat-sterilized meat using isoelectric focusing and subsequent silver staining] Dlabka A. **Berl Munch Tierarztl Wochenschr** 1985 Apr 1; 98(4):130-4 (Eng. Abstr.) **(Ger)**

[Determination of nitrosamines in salted pollack roe treated with nitrite] Kawasaki Y, et al. **Eisei Shikenjo Hokoku** 1984; (102):134-7 (Eng. Abstr.) **(Jpn)**

[Mycological quality of dehydrated food] Udagawa S, et al. **Eisei Shikenjo Hokoku** 1984;(102):147-50 (Eng. Abstr.) **(Jpn)**

[Aerobic microflora of freshly caught and frozen food fish] Pivovarov IuP, et al. **Gig Sanit** 1985 Jun;(6):80-1 **(Rus)**

[Technochemical characteristics of canned 'Natural Antarctic shrimp meat' and its nutritive value] Iarochkin AP, et al. **Vopr Pitan** 1985 Mar-Apr;(2):69-72 (Eng. Abstr.) **(Rus)**

[Body function in nutrition with a diet made up of canned products during acclimatization to a hot climate] Tsyganov EP, et al. **Vopr Pitan** 1985 Jan-Feb;(1):27-30 (Eng. Abstr.) **(Rus)**

[Thermal inactivation of the enzymes polyphenoloxidase and peroxidase in Swiss chard (Beta vulgaris, cicla)] Garrote RL, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):198-216 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

[Incomplete paralysis of the striated musculature, respiratory paralysis and complete gastrointestinal atony in a youthful patient following a canned fish meal] Heck I, et al. **Internist (Berlin)** 1984 Aug;25(8):514-6 **(Ger)**

[Food toxicology problems in the handling of treated seed grains] Manthey G, et al. **Z Gesamte Hyg** 1984 Dec; 30(12):717-9 (Eng. Abstr.) **(Ger)**

INSTRUMENTATION

Bacillus cereus, diarrhea, and home-dried apples [letter] Moreno AJ, et al. **Ann Intern Med** 1985 Jun;102(6):868-9

[Analysis of organic residues in the extracts from the food retortable pouch by HPLC] Jiang O, et al. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1985 Mar;19(2):83-4 (Eng. Abstr.) **(Chi)**

METHODS

The bacteriological safety of unpasteurized cured meat products in response to the manufacturing processes. Shigehisa T, et al. **Nippon Juigaku Zasshi** 1985 Jun; 47(3):443-52

The effect of drying method and storage time on citrinin activity in corn. Nelson TS, et al. **Poult Sci** 1985 Mar; 64(3):464-8

The effect of carbon dioxide packaging on detection of Campylobacter jejuni from chicken carcasses. Wesley RD, et al. **Poult Sci** 1985 Apr;64(4):763-4

[Microbiological problems of meat and meat product packaging in flexible packing materials] Cerny G. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):99-108 **(Ger)**

[Curing from the current viewpoint] Wirth F. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):109-27 **(Ger)**

[Chemical preservation of food] Lück E. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb; 180(2-3):311-8 (Eng. Abstr.) **(Ger)**

[Physical preservation of food] Paulus K. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb; 180(2-3):299-310 (Eng. Abstr.) **(Ger)**

[Characteristics and variability of microflora of popular steamed sausage during post-production preservation] Libelt K. **Pol Arch Weter** 1984;24(1):51-64 (Eng. Abstr.) **(Pol)**

[Use of onion and garlic stored in refrigerators with air drying by lithium chloride] Kononko LN, et al. **Vrach Delo** 1984 Sep;(9):111-3 (Eng. Abstr.) **(Rus)**

STANDARDS

[Microbiological quality of frozen Pleuronectiformes fish] Marín Villarejo MC, et al. **Rev Sanid Hig Publica (Madr)** 1983 Sep-Oct; 57(9-10):933-41 (Eng. Abstr.) **(Spa)**

[Microbiological bases for establishing the shelf life of vacuum-packed sausages] Zurera Cosano G. **Rev Sanid Hig Publica (Madr)** 1983 Jul-Aug;57(7-8):737-48 (Eng. Abstr.) **(Spa)**

FOOD PRESERVATIVES

see related
ANTIOXIDANTS

Antioxidant function of L-ascorbic acid in food technology. Bauernfeind JC. **Int Z Vitam Ernahrungsforsch [Beih]** 1985; 27:307-33 (114 ref.)

Ascorbic acid as a flour and bread improver. Kläui H. **Int Z Vitam Ernahrungsforsch [Beih]** 1985;27:335-43

The use of L-ascorbic acid in improving the quality of pasta. Milatović L. **Int Z Vitam Ernahrungsforsch [Beih]** 1985; 27:345-61

[Chemical preservation of food] Lück E. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb; 180(2-3):311-8 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

Endemic goiter due to iodine rich salt and its pickled vegetables. Zhu XY, et al. **Chin Med J [Engl]** 1984 Jul; 97(7):545-8

Colourings and preservatives in food. Denner WH. **Hum Nutr Appl Nutr** 1984 Dec;38(6):435-49

Salad, house dressing, but hold the sulfites [news] Sun M. **Science** 1984 Nov 2;226(4674):520-1

[Asthma induced by food additives (letter)] Drouet M, et al. **Presse Med** 1984 Nov 17;13(41):2518 **(Fre)**

PHARMACODYNAMICS

Inhibition by antimicrobial food additives of ochratoxin A production by Aspergillus sulphureus and Penicillium viridicatum. Tong CH, et al. **Appl Environ Microbiol** 1985 Jun;49(6):1407-11

The effect of food preservatives on pH homeostasis in Escherichia coli. Salmond CV, et al. **J Gen Microbiol** 1984 Nov;130 (Pt 11):2845-50

STANDARDS

[Hygienic aspects of the use of ozone to prolong the storage life of agricultural products] Buslovich SIu, et al. **Gig Sanit** 1984 Jul;(7):15-7 (Eng. Abstr.) **(Rus)**

[Hygienic characteristics of a naphthoquinone preservative (juglone)] Priputina LS, et al. **Vopr Pitan** 1984 Sep-Oct; (5):67-9 **(Rus)**

TOXICITY

Tumorigenicity study of butyl and isobutyl p-hydroxybenzoates administered orally to mice. Inai K, et al. **Food Chem Toxicol** 1985 Jun;23(6):575-8

[Study on the possibility of mutagen formation in the rat feed containing butyl hydroxy anisol] Sakai A, et al. **Eisei Shikenjo Hokoku** 1984;(102):137-9 (Eng. Abstr.) **(Jpn)**

FOOD, PRESERVED see **FOOD PRESERVATION**

FOOD PROCESSING see **FOOD HANDLING**

FOOD-PROCESSING INDUSTRY

Rice millers' syndrome: a preliminary report. Lim HH, et al. **Br J Ind Med** 1984 Nov;41(4):445-9

Wheat flour sensitisation and airways disease in urban bakers. Prichard MG, et al. **Br J Ind Med** 1984 Nov;41(4):450-4

Freeze concentration of fruit juices. Deshpande SS, et al. **CRC Crit Rev Food Sci Nutr** 1984;20(3):173-248 (112 ref.)

Some microbiological aspects of inedible rendering processes. Hansen PI, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec;180(1):3-20

[Veterinary practitioner and swine production] Huber E. **Schweiz Arch Tierheilkd** 1984 Sep;126(9):441-5 (Eng. Abstr.) **(Fre)**

[Pest control in food establishments] Hoffmann G. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb; 180(2-3):263-81 (Eng. Abstr.) **(Ger)**

[Production hygiene for quality assurance] Mrozek H. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Feb; 180(2-3):241-62 (Eng. Abstr.) **(Ger)**

[Sanitary-bacteriological characteristics of industrial areas for processing shrimp meat] Grigor'ev IuI. **Gig Sanit** 1984 Nov;(11):89-90 **(Rus)**

[Toxicological characteristics of disodium salt of N-lauroyl-L-glutamic acid--a surface-active agent used in the food processing industry] Zaitsev AN, et al. **Vopr Pitan** 1984 Jul-Aug;(4):58-60 (Eng. Abstr.) **(Rus)**

STANDARDS

Changes in micronutrients due to industrial processing. Bender AE. **Bibl Nutr Dieta** 1985;(34):44-55

FOOD SELECTION see **FOOD PREFERENCES**

FOOD SERVICE, HOSPITAL

Pocket computers: a new aid to nutritional support. Colley CM, et al. **Br Med J [Clin Res]** 1985 May 11; 290(6479):1403-6

A geriatric nutrition program designed to improve independence in feeding. Nangeroni J, et al. **Hosp Community Psychiatry** 1985 Jun;36(6):666-7

An assessment of factors affecting consumption of entrée items by hospital patients. Cash EM, et al. **J Am Diet Assoc** 1985 Mar;85(3):350-2

Hospital-wide screening improves basis for nutrition intervention. Christensen KS, et al. **J Am Diet Assoc** 1985 Jun;85(6):704-6

The nutrition care profile: an aid to delivery of quality nutrition care in a small community hospital. Frey PW, et al. **J Am Diet Assoc** 1984 Dec;84(12):1468-9

Effects of microwave cooking/reheating on nutrients and food systems: a review of recent studies. Hoffman CJ, et al. **J Am Diet Assoc** 1985 Aug;85(8):922-6 (30 ref.)

Dilution errors in enteral formulas [letter] Johnson MM. **J Am Diet Assoc** 1985 Jun;85(6):735

Levels of patient nutrition care for use in clinical decision making. Lutton SE, et al. **J Am Diet Assoc** 1985 Jul; 85(7):849-51

Microwave ovens: effects on food quality and safety. Matthews ME. **J Am Diet Assoc** 1985 Aug;85(8):919-21 (18 ref.)

General guidelines vs. actual determination of square footage requirements. Mayfield BK. **J Am Diet Assoc** 1985 Jul; 85(7):851-2

Effectiveness of a computer-assisted instruction program for teaching sanitation. Waddell KP, et al. **J Am Diet Assoc** 1985 Jan;85(1):62-7

Tests for removal of bacteria and food particles in a dishwashing machine [letter] Rahman M. **J Hosp Infect** 1985 Mar;6(1):114-5

Nutrition support teams--a 1983 survey. McShane CM, et al. **JPEN J Parenter Enteral Nutr** 1985 May-Jun;9(3):263-8

[Enterotoxigenic Staphylococcus aureus in the nasal vestibule of food handlers in hospital kitchens of the municipality of João Pessoa, Paraíba] Castro MM, et al. **Rev Saude Publica** 1984 Jun;18(3):235-45 (Eng. Abstr.) **(Por)**

ECONOMICS

Effect of gaming on absenteeism rate. Vassar ML, et al. **J Am Diet Assoc** 1985 May;85(5):602-4

LEGISLATION & JURISPRUDENCE

Specialized nutritional support of patients--a hospital's legal duty? Spencer RA, et al. **QRB** 1985 May;11(5):160-4

ORGANIZATION & ADMINISTRATION

Management and organization of modern hospital nutrition care. Isaksson B. **Bibl Nutr Dieta** 1985;(35):95-105

Computer wizardry in food services. Chrysomilides S, et al. **Dimens Health Serv** 1983 Oct;60(10):10-1

Enhancing enteral nutrition delivery: development of an enteral preparation facility. Krey SH, et al. **J Am Diet Assoc** 1985 Jun;85(6):693-7

The effect of organizational level and practice area on managerial work in hospital dietetic services. Palacio JP, et al. **J Am Diet Assoc** 1985 Jul;85(7):799-806

Dimensions of managerial work in hospital dietetic services. Palacio JP, et al. **J Am Diet Assoc** 1985 Jul;85(7):809-15

[Organization of diet therapy and vitamin therapy in evacuation hospitals in the Chuvash ASSR] Alekseev GA. **Vopr Pitan** 1985 Mar-Apr;(2):15-8 **(Rus)**

[Planning and distribution of diets] Ruiz de Conejo ML. **Rev Med Univ Navarra** 1984 Jun;28(2):67-70 **(Spa)**

STANDARDS

Quality care management in clinical dietetics. Behm V, et al. **J Am Diet Assoc** 1985 Apr;85(4):475-6

Allocation of feeding pumps: an ethical question. Bell SJ, et al. **J Am Diet Assoc** 1985 Jun;85(6):697-9

The development of clinical psychiatric dietetic technicians. Crosson LS. **J Am Diet Assoc** 1984 Nov;84(11):1360-1

Observations on the practice of clinical nutrition in hospitals in China. Heimburger DC. **JPEN** 1984 Nov-Dec; 8(6):628-31

Hospital dietetics: the dietician's needs. Bateman C. **Proc Nutr Soc** 1985 Feb;44(1):137

Hospital dietetics: the doctor's needs. Neale G. **Proc Nutr Soc** 1985 Feb;44(1):135-6

[Nutrition handbook for hospitals. A proposal for a general description of hospital food] **Ugeskr Laeger** 1985 Feb 25; 147(9):821-6 **(Dan)**

TRENDS

Current hospital practices in clinical dietetics. Schiller MR. **J Am Diet Assoc** 1984 Oct;84(10):1194-7

FOOD SERVICES

see related

FOOD SERVICE, HOSPITAL

Effect of food supplementation (WIC) during pregnancy on birth weight. Metcoff J, et al. **Am J Clin Nutr** 1985 May; 41(5):933-47

Norwalk virus gastroenteritis. An outbreak associated with a cafeteria at a college. Lieb S, et al. **Am J Epidemiol** 1985 Feb;121(2):259-68

Nutritional status of men attending a soup kitchen: a pilot study. Laven GT, et al. **Am J Public Health** 1985 Aug; 75(8):875-8

School canteen menus in metropolitan Adelaide. Dooland MB, et al. **Aust Dent J** 1984 Aug;29(4):230-3

Use of D-xylose to detect ingestion of a powdered milk food supplement by family members other than the children 0-2 years of age for whom it was intended. Ferriani MG, et al. **Bull Pan Am Health Organ** 1985;19(1):69-81

Food aid: reflections on a decade of action. Mellor JW. **Food Nutr (Roma)** 1984;10(1):91-104 (26 ref.)

Participation among the elderly in the food stamp program. Hollonbeck D, et al. **Gerontologist** 1984 Dec;24(6):616-21

A geriatric nutrition program designed to improve independence in feeding. Nangeroni J, et al. **Hosp Community Psychiatry** 1985 Jun;36(6):666-7

Implications of nutrition education versus food supplementation in pre-school children. Kumari S, et al. **Indian Pediatr** 1985 Mar;22(3):221-4

Occurrence sampling in a residence hall foodservice: cleaning times for selected vegetables. Block AA, et al. **J Am Diet Assoc** 1985 Feb;85(2):206-9

Strategies for increasing productivity. Brendel EK, et al. **J Am Diet Assoc** 1985 Aug;85(8):966-9

Promoting dietary change: demonstrating reduction of dietary fat. Connor SL, et al. **J Am Diet Assoc** 1985 Mar; 85(3):345-7

Validated foodservice training manual for supervisors with limited experience. Sparkman AF, et al. **J Am Diet Assoc** 1984 Dec;84(12):1475-8

Computer-planned menus: a prospective diet assessment method. Wheeler LA, et al. **J Am Diet Assoc** 1985 Mar; 85(3):347-9

Effect of shiftwork on canteen food purchase. Stewart AJ, et al. **J Occup Med** 1985 Aug;27(8):552-4

Experiences with standardized feeding of rats with an automatic food dispensing apparatus. James J, et al. **Lab Anim** 1985 Jul;19(3):255-7

Women, children need WIC support, WIC needs physician support. Morgan B. **Va Med** 1984 Dec;111(12):740

ECONOMICS

Offer vs. serve foodservice in lower elementary school lunchrooms. Robichaux F, et al. **J Am Diet Assoc** 1985 Jul;85(7):853-4

STANDARDS

The practical application of food safety criteria in developing countries. Abdussalam M. **Food Nutr (Roma)** 1983; 9(2):24-32

[How can losses in nutritive value in community care be prevented?] Paulus K. **Bibl Nutr Dieta** 1985;(34):35-43 **(Ger)**

[Studies on health hazards among cooks providing school lunch service. Report 2. An analysis of factors associated with the development of health hazards] Oze Y. **Sangyo Igaku** 1984 Sep;26(5):425-37 (Eng. Abstr.) **(Jpn)**

[Studies on health hazards among cooks providing school lunch service. Report 1. The influence of working conditions in central and school kitchens prevalence of health hazards] Oze Y. **Sangyo Igaku** 1984 Sep;26(5):414-24 (Eng. Abstr.) **(Jpn)**

[Sodium sorbate as a preservative for ready-to-eat foods] Włodarczyk M. **Rocz Panstw Zakl Hig** 1985;36(1):53-8 (Eng. Abstr.) **(Pol)**

[Experience in organizing sanitary inspection of nutrition services for machine operators] Vasil'ev VV, et al. **Vopr Pitan** 1984 Sep-Oct;(5):72-3 **(Rus)**

[Food and nutrition in 46 school centers in Pamplona in 1981-1982] de Pablo N, et al. **Rev Sanid Hig Publica (Madr)** 1984 Jul-Aug;58(7-8):739-51 (Eng. Abstr.) **(Spa)**

UTILIZATION

Nutrition site service users: does racial background make a difference? Harel Z. **Gerontologist** 1985 Jun;25(3):286-91

Hunger debate [letter] Meyers A, et al. **Pediatrics** 1985 Sep; 76(3):471-2

FOOD, SUPPLEMENTED see **FOOD, FORTIFIED**

FOOD SUPPLY

Seasonal variations, and the intra-household distribution of food in a Bangladeshi village. Abdullah M, et al. **Am J Clin Nutr** 1985 Jun;41(6):1305-13

High food supply in perinatal life appears to favour the development of insulin-treated diabetes mellitus (ITDM) in later life. Dörner G, et al. **Exp Clin Endocrinol** 1985 Feb;85(1):1-6

Nutritional implications of food aid: an annotated bibliography. Figá-Talamanca I. **FAO Food Nutr Pap** 1985; 33:1-113

Food priority in world development. Walker D. **J R Soc Health** 1984 Dec;104(6):218-9

Food and population [editorial] **Lancet** 1985 Apr 6; 1(8432):793-4

Food restriction, ionizing radiation, and natural selection. Totter JR. **Mech Ageing Dev** 1985 May 31;30(3):261-71

New plants and plant products as food. Guénault B. **Proc Nutr Soc** 1985 Feb;44(1):31-5

Eating in 2000 AD--meat and two veg or stones into bread? Howat GR. **Proc Nutr Soc** 1985 Feb;44(1):3-11

Food from micro-organisms. Kirsop B. **Proc Nutr Soc** 1985 Feb;44(1):13-7

Unconventional foods: salvation or sensuality. Miller DS. **Proc Nutr Soc** 1985 Feb;44(1):45-51

A vital role for aquatic resources in feeding a hungry world. Whittle KJ. **Proc Nutr Soc** 1985 Feb;44(1):19-29

The Year of Hunger. Cultural conditions and adaptation to famine. Sermonti E. **Riv Biol** 1985 Summer;78(2):227-52 **(Eng, Ita)**

Food safety: regulations, research, and results. Borzelleca JF. **Va Med** 1984 Jul;111(7):390-1

Foraging for food. Foote PL. **Va Med** 1984 Jul;111(7):402-3

[Hygiene of food supply to the troops on the Far-Eastern front in the war years (1941-1945)] Marei AN. **Gig Sanit** 1985 Apr;(4):7-9 **(Rus)**

[Current problems in the industrial hygiene of women in light of the realization of the Food Program of the USSR] Volkova ZA, et al. **Gig Tr Prof Zabol** 1984 Sep;(9):1-4 **(Rus)**

FOOD TECHNOLOGY

Milk proteins: physicochemical and functional properties. Kinsella JE. **CRC Crit Rev Food Sci Nutr** 1984; 21(3):197-262 (198 ref.)

Modification of plant proteins by immobilized proteases. Lee JW, et al. **CRC Crit Rev Food Sci Nutr** 1984;21(4):289-322 (312 ref.)

Optimization methods and available software. Part 1. Saguy I, et al. **CRC Crit Rev Food Sci Nutr** 1984;20(4):275-99 (113 ref.)

Technology of removal of unwanted components of dry beans. Sathe SK, et al. **CRC Crit Rev Food Sci Nutr** 1984; 21(3):263-87 (165 ref.)

Additive migration from various plastics with different processing or properties into test fat HB 307. Figge K, et al. **Food Addit Contam** 1984 Oct-Dec;1(4):337-47

Antioxidant function of L-ascorbic acid in food technology. Bauernfeind JC. **Int Z Vitam Ernahrungsforsch [Beih]** 1985; 27:307-33 (114 ref.)

Food technology. A primer for physicians. Levine AS, et al. **N Engl J Med** 1985 Mar 7;312(10):628-34 (55 ref.)

[Microorganisms of the fam. Micrococcaceae in the production and storage of prepackaged veal] Donzo M, et al. **Vet Med Nauki** 1985;22(5):37-42 (Eng. Abstr.) **(Bul)**

[The practice of the denaturation of food products] Boudène C. **Bull Acad Natl Med (Paris)** 1984 Dec;168(9):1071-2 **(Fre)**

[An authorization project relative to the use of technological additives and supplements in preserves, jellies, marmalades and other similar products] Truhaut R. **Bull Acad Natl Med (Paris)** 1985 Jan;169(1):102-4 **(Fre)**

[Study on the gas chromatographic determination of dibutyltin compounds in food containers and packing materials made of polyvinyl chloride, which was proposed by Japan Hygienic PVC Association] Yamazaki T, et al. **Eisei Shikenjo Hokoku** 1984;(102):129-33 (Eng. Abstr.) **(Jpn)**

[Responsibility for child nutrition--an interdepartmental task] Druzhinina LV. **Pediatriia** 1984 Oct;(10):3-6 **(Rus)**

[Characteristics of lipid metabolic indices of food industry workers] Kuchinskene Z, et al. **Vopr Pitan** 1985 Jan-Feb; (1):30-4 (Eng. Abstr.) **(Rus)**

[Genetic improvement of grain legumes of importance to Latin American diet and the soy bean] Lam-Sánchez A. **Arch Latinoam Nutr** 1984 Mar;34(1):11-21 (Eng. Abstr.) **(Spa)**

[Feasibility of the use of different binding agents for the development of products based on deboned fish flesh] Quezada O, et al. **Arch Latinoam Nutr** 1984 Mar; 34(1):169-88 (Eng. Abstr.) **(Spa)**

HISTORY

[D.I. Mendeleev and the problems of food technology (on his 150th birthday)] Shamin AN. **Vopr Pitan** 1984 Nov-Dec;(6):67-70 **(Rus)**

[State sanitary control of nutrition hygiene during World War II] Shtenberg AI. **Vopr Pitan** 1985 Mar-Apr;(2):11-5 **(Rus)**

INSTRUMENTATION

Current and future foodservice applications of microwave cooking/reheating. Hoffman CJ, et al. **J Am Diet Assoc** 1985 Aug;85(8):929-33

STANDARDS

[A request for authorization to use lecithin and mono- and diglycerides of dietary fatty acids as emulsifiers in candy products containing fatty substances and in candy products with moisture above 6%] Desgrez P. **Bull Acad Natl Med (Paris)** 1984 Dec;168(9):1077-8 **(Fre)**

[A request for authorization to use acetic, lactic, and citric esters of monoglycerides of dietary fatty acids as emulsifiers in pastries, frozen desserts and preparations used in the manufacture of these products] Desgrez P. **Bull Acad Natl Med (Paris)** 1984 Dec;168(9):1079-80 **(Fre)**

FOOT

Pressures under normal feet in standing and walking as measured by foil pedobarography. Grieve DW, et al.

Ann Rheum Dis 1984 Dec;43(6):816–8

Ankle-foot orthoses: effect on gait abnormalities in tibial nerve paralysis. Lehmann JF, et al. **Arch Phys Med Rehabil** 1985 Apr;66(4):212–8

Rheumatic disorders of hands and feet. Ryan P. **Aust Fam Physician** 1984 Aug;13(8):594–5

The variation of the Q angle with different positions of the foot. Olerud C, et al. **Clin Orthop** 1984 Dec;(191):162–5

Sea urchin spines as foreign bodies—an alternative treatment. Falkenberg P. **Injury** 1985 May;16(6):419–20

Sorbothotics, soft tissue supplement orthoses. Niehaus LP. **J Am Pediatr Med Assoc** 1985 Jan;75(1):46–7

Septic arthritis of the distal interphalangeal joint after neurectomy in a mare. Mackey VS, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):1006–7

The myth of muscle balance. A study of relative strengths and excursions of normal muscles about the foot and ankle. Silver RL, et al. **J Bone Joint Surg [Br]** 1985 May; 67(3):432–7

Heterogeneity of epidermal prekeratin and keratin between sole and body skin in humans. Kitajima Y, et al. **J Dermatol (Tokyo)** 1984 Jun;11(3):211–8

Current concepts. Vascular and microvascular disease of the foot in diabetes. Implications for foot care. LoGerfo FW, et al. **N Engl J Med** 1984 Dec 20;311(25):1615–9 (22 ref.)

Treatment of plantar warts in children with a salicylic acid-podophyllin-cantharidin product. Coskey RJ. **Pediatr Dermatol** 1984 Jul;2(1):71–3

Green foot. LeFeber WP, et al. **Pediatr Dermatol** 1984 Jul; 2(1):38–40

Painful conditions of the ankle and foot. Duckworth T. **Practitioner** 1985 Feb;229(1400):153–4, 156, 158, passim

Widespread osteonecrosis of the foot in systemic lupus erythematosus: radiographic and gross pathologic correlation. Resnick D, et al. **Skeletal Radiol** 1985; 13(1):33–8

[Morphology and function of the neglected ligament of the foot] Mrvaljević D, et al. **Srp Arh Celok Lek** 1984 Apr; 112(4):481–6 (Eng. Abstr.) **(Scc)**

ABNORMALITIES

Weaver syndrome with pes cavus. Farrell SA, et al. **Am J Med Genet** 1985 Aug;21(4):737–9

Brief clinical report: syndrome of telecanthus, hypertelorism, strabismus, and pes cavus in father and son. Krauss CM, et al. **Am J Med Genet** 1985 Jan;20(1):159–63

Duplication of hands and feet, multiple joint dislocations, absence of corpus callosum and hypsarrhythmia: acrocallosal syndrome? Sanchis A, et al. **Am J Med Genet** 1985 Jan;20(1):123–30

The split-hand and split-foot anomaly in a central African Negro population. Viljoen DL, et al. **Am J Med Genet** 1984 Nov;19(3):545–52

Embryotoxicity induced by alkylating agents: left-sided preponderance of paw malformations induced by acetoxymethyl-methylnitrosamine in mice. Bochert G, et al. **Arch Toxicol** 1985 Jan;56(3):139–50

Karsch-Neugebauer syndrome: split foot/split hand and congenital nystagmus. Pilarski RT, et al. **Clin Genet** 1985 Jan;27(1):97–101

Corrective casting in infants. Ganley JV. **Clin Podiatry** 1984 Dec;1(3):501–16

The Ganley splint. Indications and usage. Lynch FR. **Clin Podiatry** 1984 Dec;1(3):517–34

Surgery for congenital deformities of the feet. Suppan RJ. **Clin Podiatry** 1984 Dec;1(3):667–707

The handicapped child. Tax HR. **Clin Podiatry** 1984 Dec; 1(3):459–76

Biomechanical evaluation of the child. Valmassy RL. **Clin Podiatry** 1984 Dec;1(3):563–79

Aplasia of tibia with split-hand/split-foot deformity. Report of six families with 35 cases and considerations about variability and penetrance. Majewski F, et al. **Hum Genet** 1985;70(2):136–47

The Larsen syndrome occurring in four generations of one family. Stanley D, et al. **Int Orthop** 1985;8(4):267–72

Congenital phalangeal hypoplasia in Equidae. Bertone AL, et al. **J Am Vet Med Assoc** 1984 Sep 1;185(5):554–6

Tarsal and carpal coalition and symphalangism of the Fuhrmann type. Report of a family. Drawbert JP, et al. **J Bone Joint Surg [Am]** 1985 Jul;67(6):884–9

Association of multinodular goiter, cystic renal disease, and digital anomalies. Daneman D, et al. **J Pediatr** 1985 Aug; 107(2):270–2

Ball-and-socket ankle joint: anatomical and kinematic analysis of the hindfoot. Hiroshima K, et al. **J Pediatr Orthop** 1984 Sep;4(5):564–8

10-year follow-up of split anterior tibial tendon transfer in cerebral palsied patients with spastic equinovarus deformity. Hoffer MM, et al. **J Pediatr Orthop** 1985 Jul–Aug;5(4):432–4

The Akron midtarsal dome osteotomy in the treatment of rigid pes cavus: a preliminary review. Wilcox PG, et al. **J Pediatr Orthop** 1985 May–Jun;5(3):333–8

Residual forefoot adduction in treated congenital talipes equinovarus. Mir GR. **J R Coll Surg Edinb** 1984 Sep; 29(5):285–8

Ethylenethiourea-induced hindpaw deformities in mice and effects of metabolic modifiers on their occurrence. Khera KS. **J Toxicol Environ Health** 1984;13(4–6):747–56

Spontaneous and retinoic acid-induced postaxial polydactyly in mice. Cusic AM, et al. **Teratology** 1985 Feb;31(1):49–59

Elevated rate of DNA synthesis and its correlation to cAMP-phosphodiesterase activity during induction of polydactyly in mouse embryos heterozygous for Hemimelia-extra toe (Hmx). Knudsen TB, et al. **Teratology** 1985 Feb;31(1):155–66

[Talo-crural joint. Ankle joint deformity in patients with foot deformities and differences in the length of the legs] Staehr H, et al. **Ugeskr Laeger** 1984 Oct 8;146(41):3127–9 (Eng. Abstr.) **(Dan)**

[Treatment of congenital convex foot] Bardot A, et al. **Chir Pediatr** 1984;25(6):341–4 (Eng. Abstr.) **(Fre)**

[Amniotic disease in the mother and severe heart abnormalities in 2 infants] Canki N. **J Genet Hum** 1985 Jan;33(1):37–44 (Eng. Abstr.) **(Fre)**

[Berndorfer syndrome] Wolansky R. **Beitr Orthop Traumatol** 1985 Mar;32(3):117–20 (Eng. Abstr.) **(Ger)**

[Clubfoot and sickle foot from the current viewpoint] Rüttimann B. **Schweiz Rundsch Med Prax** 1985 Feb 5; 74(6):111–4 (Eng. Abstr.) **(Ger)**

[Possibilities of the rapid evaluation of the foot arch using a device based on television projection] Nowotny J, et al. **Pol Tyg Lek** 1984 Apr 23;39(17):573–5 (Eng. Abstr.) **(Pol)**

[Incidence of congenital defects of the foot in the Martin District] Kalman E, et al. **Acta Chir Orthop Traumatol Cech** 1984 Dec;51(6):481–4 (Eng. Abstr.) **(Slo)**

[Empirical genetic risk for siblings of probands with pes equinovarus] Letko E, et al. **Bratisl Lek Listy** 1984 Nov; 82(5):1324–7 (Eng. Abstr.) **(Slo)**

ANATOMY & HISTOLOGY

The structural and functional organization of the connective tissue in the human foot with reference to the histomorphology of the elastic fibre system. Kimani JK. **Acta Morphol Neerl Scand** 1984 Dec;22(4):313–23

A study of correlations and estimation of stature from hand length, hand breadth and sole length. Saxena SK. **Anthropol Anz** 1984 Dec;42(4):271–6

Pedal asymmetries and handedness. Orsini DL, et al. **J Clin Exp Neuropsychol** 1985 Feb;7(1):127–9

The relationship between foot structure and intermetatarsal neuromas. Wachter SD, et al. **J Foot Surg** 1984 Nov–Dec; 23(6):436–9

Microprocessor-assisted plethysmograph for the measurement of mouse paw volume. Webb EF, et al. **J Pharmacol Methods** 1984 Sep;12(2):149–53

'Foot length'—a newer approach in neonatal anthropometry. Mathur A, et al. **J Trop Pediatr** 1984 Dec;30(6):333–6

[Existence of a retinaculum musculorum extensorum immum in man] Kaneff A, et al. **Gegenbaurs Morphol Jahrb** 1984; 130(6):769–78 (Eng. Abstr.) **(Ger)**

BLOOD SUPPLY

Oedème bleu involving the lower limb. Rowe PH, et al. **Acta Chir Scand** 1985;151(4):379–80

Patterns of foot examination in a diabetes clinic. Bailey TS, et al. **Am J Med** 1985 Mar;78(3):371–4

Lumbar sympathectomy for lower extremity vasospasm. Janoff KA, et al. **Am J Surg** 1985 Jul;150(1):147–52

Thirty year experience with predictive lumbar sympathectomy. Method for selection of patients. Kruse CA. **Am J Surg** 1985 Aug;150(2):232–6

Changes in digital venous pressures of horses moving at the walk and trot. Ratzlaff MH, et al. **Am J Vet Res** 1985 Jul; 46(7):1545–9

'Islands of ischemia': transcutaneous PtcO2 documentation of pedal malperfusion following lower limb revascularization. Rhodes GR, et al. **Am Surg** 1985 Jul; 51(7):407–13

A study of the semeiological reliability of dorsalis pedis artery and posterior tibial artery in the diagnosis of lower limb arterial occlusive disease. Nuzzaci G, et al. **Angiology** 1984 Dec;35(12):767–72

Arteriovenous malformation simulating Kaposi's sarcoma (pseudo-Kaposi's sarcoma). Marshall ME, et al. **Arch Dermatol** 1985 Jan;121(1):99–101

The need for arteriography in diabetic patients with gangrene and palpable foot pulses. Andros G, et al. **Arch Surg** 1984 Nov;119(11):1260–3

Pharmacological investigations of the vasodilator nerves supplying the duck's foot. Bell C, et al. **Br J Pharmacol** 1984 Aug;82(4):801–8

Local regulation of subcutaneous forefoot blood flow during orthostatic changes in normal subjects, in sympathetically denervated patients and in patients with occlusive arterial disease. Eickhoff JH, et al. **Cardiovasc Res** 1985 Apr; 19(4):219–27

Pedal blood flow and transcutaneous PO2 in normal subjects and in patients suffering from severe arterial occlusive disease. Bongard O, et al. **Clin Physiol** 1984 Oct; 4(5):393–401

Pseudoaneurysm of the dorsalis pedis artery. Bogokowsky H, et al. **Injury** 1985 May;16(6):424–5

Case comparisons of arch-area arteriovenous fistula and cavernous hemangioma. Person VA, et al. **J Am Podiatry Assoc** 1984 Nov;74(11):569–71

The pulseless club foot. Edelson JG, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):700–2

Arterialization of the venous network of the foot through a bypass in severe arteriopathic ischemia. Lengua F, et al. **J Cardiovasc Surg (Torino)** 1984 Jul–Aug;25(4):357–60

Improved salvage of the foot with arterial reconstruction. Sengpiehl KE. **J Foot Surg** 1984 Sep–Oct;23(5):370–6

Differentiation of vasodilator and sudomotor responses in the cat paw pad to preganglionic sympathetic stimulation. Bell C, et al. **J Physiol (Lond)** 1985 Jul;364:93–104

Effects of ischemia on capillary density and flow velocity in nailfolds of human toes. Richardson D, et al. **Microvasc Res** 1985 Jul;30(1):80–7

More on microvascular disease of the foot in diabetes [letter] Blumenthal HT. **N Engl J Med** 1985 Sep 12;313(11):696–7

On vascular non-disease of the foot in diabetes [letter] Krahenbuhl B, et al. **N Engl J Med** 1985 May 2; 312(18):1190–1

Direct determination of the tissue-to-blood partition coefficient for Xenon in human subcutaneous adipose tissue. Jelnes R, et al. **Scand J Clin Lab Invest** 1984 Nov; 44(7):643–7

Normalization of local blood flow regulation in the ischemic forefoot after arterial reconstruction. Eickhoff JH. **Surgery** 1985 Jan;97(1):72–82

Experience with 350 crural arterial reconstructions: analysis and conclusions. Largiadèr J. **Thorac Cardiovasc Surg** 1985 Jun;33(3):146–56

[Blood gas analysis of blood taken from the dorsum of foot in 40 cases of diabetes mellitus] Shen ZZ. **Chung Hua Nei Ko Tsa Chih** 1984 Aug;23(8):475–6, 524 (Eng. Abstr.) **(Chi)**

[Vascular variations encountered during toe transplantation and its management] Gu YD, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Apr;23(4):210–2, 253 (Eng. Abstr.) **(Chi)**

[Descriptive and topographical anatomy of the dorsal artery of the foot] Bailleul JP, et al. **Bull Assoc Anat (Nancy)** 1984 Mar;68(200):15–25 (Eng. Abstr.) **(Fre)**

[Transcutaneous measurement of PO2 in healthy subjects and in arteriopathy patients during the exercise test] Ambrosi C, et al. **J Mal Vasc** 1985;10(1):37–42 (Eng. Abstr.) **(Fre)**

[The venous-arteriolar reflex] Krahenbuhl B, et al. **J Mal Vasc** 1985;10 Suppl A:53–6 (Eng. Abstr.) **(Fre)**

[Diagnosis and therapy of the acral ischemia syndrome] Schütter FW, et al. **Dtsch Med Wochenschr** 1985 Sep 20; 110(38):1463–8 **(Ger)**

[Variability of hand and foot arteries] Lippert H. **Handchir Mikrochir Plast Chir** 1984 Dec;16(4):254–8 (Eng. Abstr.) **(Ger)**

[Acute ischemic syndrome of the foot following sclerotherapy of varicose veins] Oesch A, et al. **Schweiz Med Wochenschr** 1984 Aug 25;114(34):1155–8 (Eng. Abstr.) **(Ger)**

[Foot blood flow in diabetic neuropathy [editorial] Canaani Z. **Harefuah** 1985 May 1;108(9):468–9 **(Heb**

[Problem of treating the so-called 'diabetic foot'] Sadlinsk C, et al. **Wiad Lek** 1985 Mar 15;38(6):417–20 (Eng. Abstr.) **(Pol)**

[Surgical treatment of dysplasia of the dorsal artery of the foot] Rasskazov LV, et al. **Ortop Travmatol Protez** 1985 Jan;(1):50 **(Rus)**

[Venesection and subacute hemodilution in the treatment of ischemic complications of the foot in diabetics] Jarábek L', et al. **Rozhl Chir** 1985 Jan;64(1):34–42 (Eng. Abstr.) **(Slo)**

[Microembolism—an important but often missed diagnosis] Bergqvist D, et al. **Lakartidningen** 1985 Mar 6;82(10):871–3 **(Swe)**

EMBRYOLOGY

Analysis of feet proportions in human fetuses. Miaśkiewicz C, et al. **Folia Morphol** 1984;43(4):375–9

Syndactyly induced by Janus Green B in the embryonic chick leg bud: a reexamination. Fernandez-Teran MA, et al. **J Embryol Exp Morphol** 1984 Dec;84:159–75

The distribution of the polarizing zone (ZPA) in the legbud of the chick embryo. Hinchliffe JR, et al. **J Embryol Exp Morphol** 1985 Apr;86:169–75

Vascular regression during the formation of the free digits in the avian limb bud: a comparative study in chick and duck embryos. Hurle JM, et al. **J Embryol Exp Morphol** 1985 Feb;85:239–50

Benzamide on chondrocytic differentiation in chick limb bud cell culture. Nakanishi S, et al. **J Embryol Exp Morphol** 1985 Feb;85:163–75

[Observations on the development of the plantar aponeurosis and the terminal tendon of the plantaris muscle in man] Marchini M, et al. **Arch Ital Anat Embriol** 1983 Oct–Dec; 88(4):295–310 (Eng. Abstr.) **(Ita)**

IMMUNOLOGY

Foot pad reaction against syngeneic tumor cells. Nakamura J, et al. **Tokushima J Exp Med** 1984 Jun;31(1–2):21–8

INJURIES

Symposium on osseous trauma of the foot. **Clin Podiatry** 1985 Apr;2(2):197–410

Common adolescent dance injuries. Contompasis J. **Clin Podiatry** 1984 Dec;1(3):631–44

Podiatric sports medicine. Evaluation and prevention of injuries. Gordon GM. **Clin Podiatry** 1984 Aug;1(2):401–16

Management of open fractures. Karlin JM. **Clin Podiatry** 1985

Apr;2(2):217–32

Fracture nonunion. Oloff LM, et al. **Clin Podiatry** 1985 Apr; 2(2):379–406

Management of closed fractures. Rude C. **Clin Podiatry** 1985 Apr;2(2):199–216

Nonosseous considerations in trauma. Scurran BL. **Clin Podiatry** 1985 Jan;2(1):143–59

Pedal dislocations. An overview. Smith TF. **Clin Podiatry** 1985 Apr;2(2):349–64 (50 ref.)

The Osteoclasp. A dynamic compression device for internal fixation of bone. Zlotoff H. **Clin Podiatry** 1985 Jan; 2(1):27–40

Injuries of the ankle and foot. Hamilton WC. **Emerg Med Clin North Am** 1984 May;2(2):361–89 (38 ref.)

The design and function of military footwear: a review following experiences in the South Atlantic. Oakley EH. **Ergonomics** 1984 Jun;27(6):631–7

Pseudomonas pyarthrosis and osteomyelitis from a puncture wound of the foot. Collins BS, et al. **J Am Podiatr Med Assoc** 1985 Jun;75(6):316–20

Dance floors. A causative factor in dance injuries. Werter R. **J Am Podiatr Med Assoc** 1985 Jul;75(7):355–8

Management of major forefoot trauma. Bolognini N, et al. **J Foot Surg** 1985 Mar–Apr;24(2):88–98

Crush and avulsion injuries of the foot: their evaluation and management. Graziano TA, et al. **J Foot Surg** 1984 Nov–Dec;23(6):445–50

Non-freezing cold injury: the pathogenesis. Francis TJ, et al. **J R Nav Med Serv** 1985 Spring;71(1):3–8

Thorn injury preceding malignant melanoma of foot in Nigeria [letter] Otu AA. **Lancet** 1985 Jan 26;1(8422):220–1

Pseudomonas aeruginosa causing osteomyelitis after puncture wounds of the foot. Graham BS, et al. **South Med J** 1984 Oct;77(10):1228–30

[Roentgen manifestation of sailor's blast injury] Qin ZM. **Chung Hua Fang She Hsueh Tsa Chih** 1985 Apr;19(2):79–80 (Eng. Abstr.) **(Chi)**

[Lateral skin flap of the lower leg (report of 7 cases)] Gu YD. **Chung Hua I Hsueh Tsa Chih** 1985 May;65(5):281–3 (Eng. Abstr.) **(Chi)**

[Sensory transplants of the sole of the foot] Stock W, et al. **Handchir Mikrochir Plast Chir** 1984 Dec;16(4):215–7 (Eng. Abstr.) **(Ger)**

[Possibilities in the correction of the tarsal stump] Kullmann L. **Magy Traumatol Orthop Helyreallito Sebesz** 1984; 27(3):219–26 (Eng. Abstr.) **(Hun)**

[Injuries caused by snow ploughs] Almdahl SM, et al. **Tidsskr Nor Laegeforen** 1985 Jan 20;105(2):128–9 (Eng. Abstr.) **(Nor)**

[Treatment of neglected dislocations and fracture-dislocations of the bones of the foot with an Ilizarov apparatus] Giul'nazarova SV, et al. **Ortop Travmatol Protez** 1985 Jan;(1):43–5 **(Rus)**

[A method of setting dislocations of the bones of the foot] Giul'nazarova SV, et al. **Vestn Khir** 1984 Oct;133(10):124–5 **(Rus)**

[Use of thymalin in the complex treatment of frostbite] Sizonenko VA, et al. **Vestn Khir** 1984 Aug;133(8):86–90 (Eng. Abstr.) **(Rus)**

[Correction of posttraumatic loss of soft tissue in the area of the calf and foot] Mariš F, et al. **Bratisl Lek Listy** 1984 Nov;82(5):1310–6 (Eng. Abstr.) **(Slo)**

INNERVATION

Orthodromic sensory nerve conduction of the medial and lateral plantar nerves. A standardization. Belen J. **Am J Phys Med** 1985 Feb;64(1):17–23

Effects of cryotherapy on the palmar and plantar digital nerves in the horse. Schneider RK, et al. **Am J Vet Res** 1985 Jan;46(1):7–12

Distal sensory nerves of the lower extremity in peripheral neuropathy: comparison of medial dorsal cutaneous and sural nerve abnormalities. Izzo KL, et al. **Arch Phys Med Rehabil** 1985 Jan;66(1):7–10

Slow-adapting responses of the Pacinian corpuscles of cat planta. Sakada S, et al. **Brain Res** 1985 Apr 15;332(1):194–9

Restoration of sensibility to anesthetic scarred digits with free vascularized nerve grafts from the dorsum of the foot. Rose EH, et al. **J Hand Surg [Am]** 1985 Jul;10(4):514–21

Effects of feet cooling on pain, thermal sensation and cardiovascular responses. Tanaka M, et al. **J Sports Med Phys Fitness** 1985 Mar–Jun;25(1–2):32–9

Abnormal and collateral innervations of sympathetic and peripheral sensory fields associated with a case of causalgia. Hoffert MJ, et al. **Pain** 1984 Sep;20(1):1–12

Functional properties of slowly adapting mechanoreceptors in cat footpad skin. Ferrington DG. **Somatosens Res** 1985; 2(3):249–61

[Prenatal development of the intrinsic nerves of the muscles of the human foot] Shumikhina GV, et al. **Arkh Anat Gistol Embriol** 1984 Aug;87(8):46–9 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Prostacyclin in severe peripheral vascular disease. de San Lazaro C, et al. **Arch Dis Child** 1985 Apr;60(4):370–2

Infrapopliteal bypass for established gangrene of the forefoot or toes. Dalsing MC, et al. **J Vasc Surg** 1985 Sep; 2(5):669–77

Case report 275. Neurilemmoma right foot. Galuten A, et al. **Skeletal Radiol** 1984;12(2):129–32

[Treatment of gangrene of the lower limbs in diabetes mellitus] Ogonovskiĭ VK, et al. **Vestn Khir** 1985 May; 134(5):66–8 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Sweat production in children's feet. Bromberg JE, et al. **Clin Exp Dermatol** 1985 May;10(3):229–32

The effect of immobilization devices on the load distribution under the foot. Shereff MJ, et al. **Clin Orthop** 1985 Jan–Feb; (192):260–7

Movement related slow potentials. II. A contrast between finger and foot movements in left-handed subjects. Brunia CH, et al. **Electroencephalogr Clin Neurophysiol** 1985 Feb; 60(2):135–45

Pressures on the foot in pointe shoes. Teitz CC, et al. **Foot Ankle** 1985 Mar–Apr;5(5):216–21

Physiologic changes in the foot during pregnancy. Block RA, et al. **J Am Podiatr Med Assoc** 1985 Jun;75(6):297–9

Biped gait stabilization via foot placement. Townsend MA. **J Biomech** 1985;18(1):21–38

Foot pressure patterns during gait. Soames RW. **J Biomed Eng** 1985 Apr;7(2):120–6

Estimation of the ligaments' role in maintaining foot stability using a kinematic model. Allard P, et al. **Med Biol Eng Comput** 1985 May;23(3):237–42

Foot loading in amputee stance. Lord M, et al. **Prosthet Orthot Int** 1984 Dec;8(3):159–64

Spatial parameters of gait related to the position of the foot on the ground. Rigas C. **Prosthet Orthot Int** 1984 Dec; 8(3):130–4

Human nasal mucosa reaction during chilling of the feet. Juto JE, et al. **Rhinology** 1985 Jun;23(2):131–6

The biomechanics of running. Implications for the prevention of foot injuries. Subotnick SI. **Sports Med** 1985 Mar–Apr; 2(2):144–53

[Tibial osteotomy: review of our cases and study of variations of plantar support] Faccini R, et al. **Chir Organi Mov** 1982–83;68(4–6):555–9 (Eng. Abstr.) **(Ita)**

PHYSIOPATHOLOGY

Bringing the feet in from the cold: thermal biofeedback training of foot-warming in Raynaud's syndrome. Crockett D, et al. **Biofeedback Self Regul** 1984 Dec;9(4):431–8

A preliminary study on asymmetrical forces at the foot to ground interphase. Beekman S, et al. **J Am Podiatr Med Assoc** 1985 Jul;75(7):349–54

Plantar pressure measurements and the prevention of ulceration in the diabetic foot. Duckworth T, et al. **J Bone Joint Surg [Br]** 1985 Jan;67(1):79–85

Surgical management of forefoot supinatus in flexible flatfoot deformity. Jacobs AM, et al. **J Foot Surg** 1984 Sep–Oct; 23(5):410–9

RADIOGRAPHY

A simple device to obtain reliable foot radiographs of ambulatory and non-ambulatory Friedreich's ataxia patients. Billimoria M, et al. **Can J Neurol Sci** 1984 Nov; 11(4 Suppl):574–7

A new radiological technique for the forefoot. Chang JW, et al. **Foot Ankle** 1984 Sep–Oct;5(2):77–83

Intravenous digital subtraction angiography and its use in amputation level consideration in the ischemic forefoot. Searby P, et al. **J Foot Surg** 1985 Jan–Feb;24(1):18–23

[Giant-cell reaction of the short tubular bones of the hand and foot] Seemann WR, et al. **ROFO** 1985 Apr; 142(4):454–7 (Eng. Abstr.) **(Ger)**

[A device for roentgenological examination of the longitudinal arch of the foot under mechanical stress] Kazak LA. **Ortop Travmatol Protez** 1985 Apr;(4):61–2 **(Rus)**

SURGERY

Sensitive fasciocutaneous flap with nervus saphenous. Preliminary report. Riebelová V, et al. **Acta Chir Plast** 1985;27(2):113–20

Reconstructive foot surgery. Tillmann K. **Ann Chir Gynaecol [Suppl]** 1985;198:90–5

Syme's amputation in adults: a long-term review. McElwain JP, et al. **Can J Surg** 1985 May;28(3):203–5

A method of evaluating the results of forefoot surgery. Grace DL, et al. **Clin Orthop** 1985 Sep;(198):208–18

The role of the Verebelyi–Ogston procedure in the management of the arthrogrypotic foot. Gross RH. **Clin Orthop** 1985 Apr;(194):99–103

Ray resection in the dysvascular foot. A retrospective review. Pinzur MS, et al. **Clin Orthop** 1984 Dec;(191):232–4

Symposium on implants in foot surgery. **Clin Podiatry** 1984 Apr;1(1):1–245

Symposium on osteosynthesis in foot and ankle surgery. **Clin Podiatry** 1985 Jan;2(1):1–195

Symposium on minimal incision surgery. **Clin Podiatry** 1985 Jul;2(3):411–585

Perioperative management of the infant and child. Dockery GL. **Clin Podiatry** 1984 Dec;1(3):645–65

The hazards of internal fixation in podiatry. Green DR. **Clin Podiatry** 1985 Jan;2(1):95–119

Podiatric metallurgy and the effects of implanted metals on living tissues. Jacobs AM, et al. **Clin Podiatry** 1985 Jan; 2(1):121–41 (58 ref.)

Pediatric foot surgery. Sgarlato T. **Clin Podiatry** 1984 Dec; 1(3):709–23

Basic bioengineering concepts. Concepts in bone performance, failure, and osteosynthesis. Vogler HW. **Clin Podiatry** 1985 Jan;2(1):161–89 (38 ref.)

External fixation. Its use in podiatric surgery. Walter JH Jr. **Clin Podiatry** 1985 Jan;2(1):3–26

Arthrodesis of the pastern joint in the horse. Steenhaut M, et al. **Equine Vet J** 1985 Jan;17(1):35–40

Unexplained hepatitis after podiatric surgery with halothane anesthesia. Boyce-Smith G, et al. **J Am Podiatr Med Assoc** 1985 Jan;75(1):23–7

Use of the Herbert scaphoid bone screw system in podiatric surgery. Ceh SE. **J Am Podiatr Med Assoc** 1985 Jun; 75(6):293–6

Post-surgical effect of pulsed shortwave therapy. Santiesteban AJ, et al. **J Am Podiatr Med Assoc** 1985 Jun; 75(6):306–9

The partial foot amputation. Rubin G. **J Am Podiatry Assoc** 1984 Oct;74(10):518–22

Effectiveness of lasers on plantar papillomas: a preliminary study. Cacciaglia GB, et al. **J Foot Surg** 1985 Jan–Feb; 24(1):71–5

Closed wound suction drainage. Chinn SD, et al. **J Foot Surg** 1985 Jan–Feb;24(1):76–81

Leiomyoma of the foot. Spinosa FA. **J Foot Surg** 1985 Jan–Feb;24(1):68–70

A double-blind crossover study comparing two doses of Duranest (etidocaine) 1% with a fixed dose of Sensorcaine (bupivacaine) 0.5% utilizing infiltration regional blocks of the fifth ray. Techner L, et al. **J Foot Surg** 1984 Nov–Dec; 23(6):467–9

Free microvascular muscle flaps with skin graft reconstruction of extensive defects of the foot: a clinical and gait analysis study. May JW Jr, et al. **Plast Reconstr Surg** 1985 May;75(5):627–41

Double island latissimus dorsi muscle-skin flap for through-and-through defects of the forefoot. Rosen HM. **Plast Reconstr Surg** 1985 Sep;76(3):461–3

Limb preservation in replantation surgery. Smith AR, et al. **Plast Reconstr Surg** 1985 Feb;75(2):227–37

[Prognosis after total forefoot amputation. Mortality, stump survival, gait function and placement after discharge] Boeckstyns ME, et al. **Ugeskr Laeger** 1984 Aug 13; 146(33):2480–2 (Eng. Abstr.) **(Dan)**

[Triple arthrodesis for correction and consolidation of the foot] Meijers WG, et al. **Ned Tijdschr Geneeskd** 1984 Nov 17;128(46):2168–71 (Eng. Abstr.) **(Dut)**

[Regional block of the foot at ankle level. An old technic in disuse] Litvan H, et al. **Rev Esp Anestesiol Reanim** 1985 Mar–Apr;32(2):56–60 (Eng. Abstr.) **(Spa)**

FOOT-AND-MOUTH DISEASE

A quarter of a century in foot-and-mouth disease research. Brown F. **Zentralbl Veterinarmed [B]** 1984 Oct;31(9):646–8

DIAGNOSIS

An enzyme-linked immunosorbent assay (ELISA) for the primary diagnosis of foot-and-mouth disease. Characterization and comparison with complement fixation. Have P, et al. **Acta Vet Scand** 1984;25(2):280–96

Contagious pustular dermatitis of sheep--possible confusion with vesicular diseases. Larsen JW. **Aust Vet J** 1985 Jan; 62(1):27

IMMUNOLOGY

Role of Langerhans cells in the infection of the guinea-pig epidermis with foot-and-mouth disease virus. di Girolamo W, et al. **Arch Virol** 1985;83(3–4):331–6

The use of a logistic model for the quantitative interpretation of indirect sandwich enzyme labelled immunosorbent assays (ELISA) for antibodies and antigens in foot and mouth disease. Hingley PJ, et al. **Comput Biol Med** 1985; 15(3):137–52

Reconstitution of immunosuppression mice with mononuclear cells from donors sensitized to foot-and-mouth disease virus (FMDV). Borca MV, et al. **Vet Microbiol** 1984 Dec;10(1):1–11

Indirect immunofluorescence and immunodiffusion tests in the detection of antibodies to foot-and-mouth disease virus. Schudel AA, et al. **Vet Res Commun** 1985 Feb;9(1):15–23

MICROBIOLOGY

A rapid enzyme-linked immunosorbent assay for the detection of foot-and-mouth disease virus in epithelial tissues. Hamblin C, et al. **Vet Microbiol** 1984 Sep; 9(5):435–43

Experimental foot-and-mouth disease in fattening pigs, sows and piglets in relation to outbreaks in the field. Donaldson AI, et al. **Vet Rec** 1984 Nov 17;115(20):509–12

OCCURRENCE

History and epidemiology of foot-and-mouth disease in Zambia: a review. Perry BD, et al. **Trop Anim Health Prod** 1984 May;16(2):107–14 (20 ref.)

Foot-and-mouth disease virus subtype A22 epizootic in Assam. Sarma G, et al. **Vet Rec** 1985 Feb 9;116(6):159–60

[Foot-and-mouth disease: the nature and importance of the disease] Böhm HO, et al. **Tierarztl Prax** 1984;12(3):292–6 (Eng. Abstr.) **(Ger)**

PREVENTION & CONTROL

Dose-response evaluation of a genetically engineered foot-and-mouth disease virus polypeptide immunogen in cattle. McKercher PD, et al. **Am J Vet Res** 1985 Mar; 46(3):587-90

Effect of age on response of cattle to vaccination against foot-and-mouth disease. Nicholls MJ, et al. **Br Vet J** 1985 Jan-Feb;141(1):17-26

Synthetic peptides in foot and mouth disease vaccine research. Rowlands DJ. **Endeavour** 1984;8(3):123-7

The relationship between serum antibody titres and protection from foot and mouth disease in pigs after oil emulsion vaccination. Black L, et al. **J Biol Stand** 1984 Oct;12(4):379-89

Response of sheep vaccinated with large doses of vaccine to challenge by airborne foot and mouth disease virus. Gibson CF, et al. **Vaccine** 1984 Jun;2(2):157-61

Some applications of a graphical method for the comparative statistical study of vaccine potency assays. Hingley PJ, et al. **Vaccine** 1984 Mar;2(1):87-92

Novel approaches to foot and mouth disease vaccination. Rowlands DJ. **Vaccine** 1985 Mar;3(1):37-9

[Intranasal vaccination of cattle against foot-and-mouth disease] Bauer K, et al. **Berl Munch Tierarztl Wochenschr** 1985 Jul 1;98(7):247-50 (Eng. Abstr.) **(Ger)**

FOOT-AND-MOUTH DISEASE VIRUS

ANALYSIS

Analysis of the secondary structure of the poly(C) tract in foot-and-mouth disease virus RNAs. Mellor EJ, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):1919-29

A study of antigenic variants of foot-and-mouth disease virus by polyacrylamide gel electrophoresis of their structural polypeptides. Knowles NJ, et al. **Vet Microbiol** 1985 Jun; 10(4):347-57

CLASSIFICATION

The differentiation of foot and mouth disease virus strains using an indirect sandwich enzyme-linked immunosorbent assay saturation model. Ouldridge EJ, et al. **J Biol Stand** 1984 Oct;12(4):367-77

Antigenic variation in foot-and-mouth disease: studies based on the virus neutralization reaction. Rweyemamu MM. **J Biol Stand** 1984 Jul;12(3):323-37 (82 ref.)

A rapid enzyme-linked immunosorbent assay for the detection of foot-and-mouth disease virus in epithelial tissues. Hamblin C, et al. **Vet Microbiol** 1984 Sep; 9(5):435-43

DRUG EFFECTS

[Binary ethyleneimine as an inactivator of the foot-and-mouth disease virus] Tekerlekov P, et al. **Vet Med Nauki** 1985;22(3):3-8 (Eng. Abstr.) **(Bul)**

[Effects of temperature and inactivators on strains of foot-and-mouth disease virus in Colombia] Gómez GJ, et al. **Rev Latinoam Microbiol** 1984 Jan-Mar;26(1):21-6 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Effect of salts and other agents on foot-and-mouth disease virus poly (U) polymerase activity. Polatnick J. **Arch Virol** 1985;84(3-4):269-75

GENETICS

Nucleotide sequence of the VP1 gene of the foot-and-mouth disease virus strain A Venceslau. Cheung A, et al. **Gene** 1984 Oct;30(1-3):241-5

Sequence of the viral replicase gene from foot-and-mouth disease virus C1-Santa Pau (C-S8). Martínez-Salas E, et al. **Gene** 1985;35(1-2):55-61

Nucleotide and amino acid sequence coding for polypeptides of foot-and-mouth disease virus type A12. Robertson BH, et al. **J Virol** 1985 Jun;54(3):651-60

Primary structural comparison of RNA-dependent polymerases from plant, animal and bacterial viruses. Kamer G, et al. **Nucleic Acids Res** 1984 Sep 25; 12(18):7269-82

Sequence variation in the gene for the immunogenic capsid protein VP1 of foot-and-mouth disease virus type A. Weddell GN, et al. **Proc Natl Acad Sci USA** 1985 May; 82(9):2618-22

Isolation and biochemical characterization of intertypic recombinants of foot-and-mouth disease virus. McCahon D, et al. **Virus Res** 1985 Jul;3(1):87-100

IMMUNOLOGY

Dose-response evaluation of a genetically engineered foot-and-mouth disease virus polypeptide immunogen in cattle. McKercher PD, et al. **Am J Vet Res** 1985 Mar; 46(3):587-90

Role of Langerhans cells in the infection of the guinea-pig epidermis with foot-and-mouth disease virus. di Girolamo W, et al. **Arch Virol** 1985;83(3-4):331-6

Chemical basis of antigenic variation in foot-and-mouth-disease virus. Brown F. **Biochem Soc Trans** 1984 Aug;12(4):705-8

Purification and immunogenicity of fusion VP1 protein of foot and mouth disease virus. Shire SJ, et al. **Biochemistry** 1984 Dec 18;23(26):6474-80

Effect of age on response of cattle to vaccination against foot-and-mouth disease. Nicholls MJ, et al. **Br Vet J** 1985 Jan-Feb;141(1):17-26

The use of a logistic model for the quantitative interpretation of indirect sandwich enzyme labelled immunosorbent assays (ELISA) for antibodies and antigens in foot and mouth disease. Hingley PJ, et al. **Comput Biol Med** 1985; 15(3):137-52

Towards the development of a new foot and mouth disease vaccine. Winther MD. **Dev Biol Stand** 1985;59:73-7

The relationship between serum antibody titres and protection from foot and mouth disease in pigs after oil emulsion vaccination. Black L, et al. **J Biol Stand** 1984 Oct;12(4):379-89

The stability and potency of vaccines prepared from inactivated foot-and-mouth disease virus concentrates. Doel TR, et al. **J Biol Stand** 1984 Jul;12(3):247-55

An international collaborative study on foot and mouth disease virus assay methods. 1. Virus infectivity and neutralizing antibody assays. Mowat GN. **J Biol Stand** 1984 Oct;12(4):399-411

An indirect sandwich enzyme labelled immunosorbent assay for the detection of foot and mouth disease virus immunizing antigen in tissue culture harvests. Ouldridge EJ, et al. **J Biol Stand** 1984 Oct;12(4):339-51

The effect of antiserum quality on strain specificity assessment of foot and mouth disease virus by the neutralization reaction. Rweyemamu MM, et al. **J Biol Stand** 1984 Jul;12(3):295-303

Alteration in antibody reactivity with foot-and-mouth disease virus (FMDV) 146S antigen before and after binding to a solid phase or complexing with specific antibody. McCullough KC, et al. **J Immunol Methods** 1985 Sep 3;82(1):91-100

Induction of antibody to foot-and-mouth disease virus in presensitized mouse spleen cell cultures. Collen T, et al. **J Virol** 1984 Nov;52(2):650-5

Radioimmunoassay for detection of VP1 specific neutralizing antibodies of foot and mouth disease virus. Patzer EJ, et al. **J Virol Methods** 1985 Jan;10(1):29-37

Evaluation of methods for chemically coupling foot-and-mouth disease virus to sheep red blood cells for immunological assays. Varelas-Wesley I, et al. **J Virol Methods** 1985 Jun;11(2):105-17

Detection of foot-and-mouth disease virus antibody using counterimmunoelectrophoresis and serum neutralisation tests. Rao MV, et al. **Trop Anim Health Prod** 1985 May; 17(2):89-92

Observations on the stability of foot and mouth disease vaccine antigens. Anderson EC, et al. **Vaccine** 1983 Dec; 1(1):26-30

Prospects for improved foot and mouth disease vaccines. Doel TR. **Vaccine** 1985 Mar;3(1):35-6

Response of sheep vaccinated with large doses of vaccine to challenge by airborne foot and mouth disease virus. Gibson CF, et al. **Vaccine** 1984 Jun;2(2):157-61

Computerization of foot and mouth disease virus strain relationship data. West G, et al. **Vaccine** 1983 Dec;1(1):42-8

Reconstitution of immunosuppression mice with mononuclear cells from donors sensitized to foot-and-mouth disease virus (FMDV). Borca MV, et al. **Vet Microbiol** 1984 Dec;10(1):1-11

Indirect immunofluorescence and immunodiffusion tests in the detection of antibodies to foot-and-mouth disease virus. Schudel AA, et al. **Vet Res Commun** 1985 Feb;9(1):15-23

Location of neutralizing epitopes defined by monoclonal antibodies generated against the outer capsid polypeptide, VP1, of foot-and-mouth disease virus A12. Robertson BH, et al. **Virus Res** 1984 Sep;1(6):489-500

[Possibilities and limits of immunochemical methods (radio- and enzyme immunoassay) in testing foot-and-mouth disease vaccine] Schilow WF, et al. **Arch Exp Veterinarmed** 1984 Sep;38(5):697-703 (Eng. Abstr.) **(Ger)**

[Intranasal vaccination of cattle against foot-and-mouth disease] Bauer K, et al. **Berl Munch Tierarztl Wochenschr** 1985 Jul 1;98(7):247-50 (Eng. Abstr.) **(Ger)**

ISOLATION & PURIFICATION

[Trials to obtain conjugates for the passive hemagglutination test with chromium chloride and their use in studying foot-and-mouth disease viruses] Tekerlekov P, et al. **Vet Med Nauki** 1984;21(7-8):15-21 (Eng. Abstr.) **(Bul)**

[A sensitive method for virus demonstration using Dukol UD] Liebermann H. **Arch Exp Veterinarmed** 1985 Mar; 39(2):253-6 (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

Establishment of cell lines persistently infected with foot-and-mouth disease virus. de la Torre JC, et al. **Virology** 1985 Aug;145(1):24-35

ULTRASTRUCTURE

Capsid intermediates assembled in a foot-and-mouth disease virus genome RNA-programmed cell-free translation system and in infected cells. Grubman MJ, et al. **J Virol** 1985 Oct;56(1):120-6

FOOT DEFORMITIES, ACQUIRED

DIAGNOSIS

Evaluation and management of the rheumatoid foot. Gerber LH, et al. **Bull NY Acad Med** 1985 May;61(4):359-68

The diagnosis of pes planus and pes cavus in soldiers by the foot-ground pressure pattern. Alcalay J, et al. **Milit Med** 1985 Apr;150(4):215-7

[Possibilities of the rapid evaluation of the foot arch using a device based on television projection] Nowotny J, et al. **Pol Tyg Lek** 1984 Apr 23;39(17):573-5 (Eng. Abstr.) **(Pol)**

ETIOLOGY

Deformities in leprosy patients attending urban leprosy clinic at Varanasi. Kaur P, et al. **Ind J Lepr** 1985 Jan-Mar; 57(1):178-82

Pattern of deformities/disabilities in urban leprosy. Sehgal VN, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):183-92

Chronic post-rheumatic-fever arthritis (Jaccoud's arthritis) involving the feet. A case report. Joseph B, et al. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1124-5

Foot deformities secondary to gluteal injection in infancy. Bigos SJ, et al. **J Pediatr Orthop** 1984 Sep;4(5):560-3

[Diabetic osteoarthropathy. Considerations on a clinical case] Varotti C, et al. **G Ital Dermatol Venereol** 1985 Jan-Feb; 120(1):79-81 (Eng. Abstr.) **(Ita)**

[Recurrences after conservative treatment of congenital clubfoot] Vilenskiĭ VIa. **Ortop Travmatol Protez** 1984 Jul; (7):36-40 (Eng. Abstr.) **(Rus)**

PATHOLOGY

An investigation of Fowler-Philip's angle in diagnosing Haglund's deformity. Notari MA, et al. **J Am Podiatry Assoc** 1984 Oct;74(10):486-9

PHYSIOPATHOLOGY

Haglund's deformity. An electrodynographic approach to analysis. Rzonca EC, et al. **J Am Podiatry Assoc** 1984 Oct; 74(10):482-5

[Electromyographic analysis of the leg muscles in the hemiplegic patients with equinovarus deformity of the foot] Iwaya T. **Nippon Seikeigeka Gakkai Zasshi** 1984 Oct; 58(10):961-73 (Eng. Abstr.) **(Jpn)**

PREVENTION & CONTROL

[Children's shoe problems. Observation by an orthopedist] Timm H. **Z Orthop** 1985 Jan-Feb;123(1):100-1 **(Ger)**

RADIOGRAPHY

Jaccoud's arthropathy of the knees in systemic lupus erythematosus. de la Sota M, et al. **Arthritis Rheum** 1985 Jul;28(7):825-7

Evaluation of foot deformity using a three-dimensional geometric model. Sirois JP, et al. **Can J Neurol Sci** 1984 Nov;11(4 Suppl):578-81

REHABILITATION

Rehabilitation of the person with arthritis of the ankle and foot. Jacobs SR. **Clin Podiatry** 1984 Aug;1(2):373-99

SURGERY

Restoration of toe function with minimal traumatic procedures including advanced diaphysectomy. Augustine DF, et al. **Clin Podiatry** 1985 Jul;2(3):457-70

Phalangeal set. Roven MD. **Clin Podiatry** 1985 Jul;2(3):483-9

Tenotomy, tenectomy, and capsulotomy for the lesser toes. Roven MD. **Clin Podiatry** 1985 Jul;2(3):471-5

Pediatric foot surgery. Sgarlato T. **Clin Podiatry** 1984 Dec; 1(3):709-23

Surgery for congenital deformities of the feet. Suppan RJ. **Clin Podiatry** 1984 Dec;1(3):667-707

Correction of clawtoes by the Girdlestone-Taylor flexor-extensor transfer procedure. Barbari SG, et al. **Foot Ankle** 1984 Sep-Oct;5(2):67-73

Treatment of symptomatic foot and ankle deformities in the nonambulatory neuromuscular patient. Hsu JD, et al. **Foot Ankle** 1985 Mar-Apr;5(5):238-44

Roentgenographic and mathematical analysis of first metatarsal osteotomies for metatarsus primus varus: a comparative study. Jahss MH, et al. **Foot Ankle** 1985 May-Jun;5(6):280-321

Surgical correction of spastic equinovarus deformity in the adult head trauma patient. Keenan MA, et al. **Foot Ankle** 1984 Jul-Aug;5(1):35-41

A method of predicting the degree of functional correction of the metatarsus primus varus with a distal lateral displacement osteotomy in hallux valgus. Sarrafian SK. **Foot Ankle** 1985 May-Jun;5(6):322-6

Tibialis posterior transfer (circumtibial route) for foot-drop deformity. Sundararaj GD. **Ind J Lepr** 1984 Jul-Sep; 56(3):555-62

Surgical considerations in the presence of Charcot-Marie-Tooth disease. Fenton CF 3d, et al. **J Am Podiatry Assoc** 1984 Oct;74(10):490-8

Split posterior tibial-tendon transfers in children with cerebral spastic paralysis and equinovarus deformity. Kling TF Jr, et al. **J Bone Joint Surg [Am]** 1985 Feb;67(2):186-94

Post-traumatic brachymetatarsia. Marcinko DE, et al. **J Foot Surg** 1984 Nov-Dec;23(6):451-3

The Grice extraarticular subtalar arthrodesis: a clinical review. McCall RE, et al. **J Pediatr Orthop** 1985 Jul-Aug; 5(4):442-5

[Triple arthrodesis for correction and consolidation of the foot] Meijers WG, et al. **Ned Tijdschr Geneeskd** 1984 Nov 17;128(46):2168-71 (Eng. Abstr.) **(Dut)**

[The hollow foot, apropos of 4 cases] Achour A, et al. **Maroc Med** 1985 Mar;7(1):469-72 (Eng. Abstr.) **(Fre)**

[Gait analysis in hemiplegic patients after gait training or surgery of a foot deformity] Yamamoto H, et al. **Nippon Seikeigeka Gakkai Zasshi** 1985 Mar;59(3):303-9 (Eng. Abstr.) **(Jpn)**

[Surgical treatment of lower limb deformities in adults with spastic paralysis] Agadzhanian VV, et al. **Ortop Travmatol Protez** 1985 Apr;(4):52-3 **(Rus)**

[A system of orthopedic-surgical treatment for children with cerebral palsy] Umkhanov KhA. **Ortop Travmatol Protez** 1985 Apr;(4):37-44 (Eng. Abstr.) **(Rus)**

THERAPY

Therapeutic considerations of the feet and lower extremities in the cerebral palsied child. Jordan RP. **Clin Podiatry** 1984 Dec;1(3):547-61

Casting and orthotics for children. Spencer AM, et al. **Clin Podiatry** 1984 Dec;1(3):621-9

[Restoration of the functions of the talocrural joint and the shape of the foot by a hinge-distraction method] Afaunova AI. **Vestn Khir** 1984 Dec;133(12):40-4 (Eng. Abstr.) **(Rus)**

FOOT DERMATOSES

Juvenile plantar dermatosis in Singapore. Moorthy TT, et al. **Int J Dermatol** 1984 Sep;23(7):476-9

[Mycotic mycetoma (eumycetoma) caused by Madurella mycetomi] Mittag H, et al. **Hautarzt** 1985 May;36(5):287-90 (Eng. Abstr.) **(Ger)**

BLOOD

Increased in vivo secretory activity of neutrophil granulocytes in patients with psoriasis and palmoplantar pustulosis. Lundin A, et al. **Arch Dermatol Res** 1985; 277(3):179-84

CHEMICALLY INDUCED

Palmar-plantar erythrodysesthesia and cytarabine [letter] Baer MR, et al. **Ann Intern Med** 1985 Apr;102(4):556

Cancer chemotherapy and skin changes [letter] Vogelzang NJ, et al. **Ann Intern Med** 1985 Aug;103(2):303-4

COMPLICATIONS

Immunohistological studies on tonsils with recurrent tonsillitis and focus-tonsil with pustulosis palmaris et plantaris. Kuki K, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;416:20-9

Pustulosis palmaris et plantaris: its association with chronic recurrent multifocal osteomyelitis. Paller AS, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 2):927-30

Oral antibiotic therapy for osteomyelitis of the foot in diabetic patients. Wilson KH, et al. **South Med J** 1985 Feb; 78(2):223-4

[Peristernal inflammatory rheumatism in palmoplantar pustulosis] Le Goff P, et al. **Ann Dermatol Venereol** 1984; 111(8):719-20 **(Fre)**

DIAGNOSIS

Bluefarb-Stewart syndrome--report of a new case. Alessi E, et al. **Dermatologica** 1984;169(2):93-6

[Determination of the number of spontaneous rosette-forming neutrophils as an additional differential-diagnostic test in palmo-plantar pustular psoriasis] Petrova IV, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):4-6 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Treatment of viral warts with pressure-sensitive adhesive tape containing bleomycin sulfate [letter] Takigawa M, et al. **Arch Dermatol** 1985 Sep;121(9):1108

The effect of etretinate compared with different regimens of PUVA in the treatment of persistent palmoplantar pustulosis. Lassus A, et al. **Br J Dermatol** 1985 Apr; 112(4):455-9

A case of Madura foot. Simpson A, et al. **J R Coll Surg Edinb** 1984 Sep;29(5):326-8

[Regression of plantar warts following treatment with diphencyprone] Wiesner-Menzel L, et al. **Z Hautkr** 1984 Aug 15;59(16):1080-3 (Eng. Abstr.) **(Ger)**

[Photochemotherapy of pustular psoriasis of the palms and soles] Kaźmierowski M, et al. **Przegl Dermatol** 1984 Mar-Apr;71(2):157-60 (Eng. Abstr.) **(Pol)**

ETIOLOGY

Acute palmoplantar pustulosis. Burge SM, et al. **Br J Dermatol** 1985 Jul;113(1):77-83

Foot infection in coal miners: a reassessment. Hope YM, et al. **Br J Dermatol** 1985 Apr;112(4):405-13

The prevalence of accentuated palmoplantar markings and keratosis pilaris in atopic dermatitis, autosomal dominant ichthyosis and control dermatological patients. Mevorah B, et al. **Br J Dermatol** 1985 Jun;112(6):679-85

Cutaneous nodule following heel pricks. Leung AK. **Can Med Assoc J** 1985 May 15;132(10):1163

Contact plantar pustulosis. Pecegueiro M, et al. **Contact Dermatitis** 1984 Aug;11(2):126-7

Hemorrhage into plantar callus and diabetes mellitus. Rosen RC, et al. **Cutis** 1985 Apr;35(4):339-41

A big pain between the small toes. Goldner RD. **NC Med J** 1985 Jul;46(7):403-4

[A patient with eumycetoma in the Netherlands] de Bruyn HP, et al. **Ned Tijdschr Geneeskd** 1985 Jun 8; 129(23):1099-101 (Eng. Abstr.) **(Dut)**

[Tinea nigra. 1st clinical case in Uruguay] Conti-Díaz IA, et al. **Mycopathologia** 1984 Aug 30;87(1-2):81-3 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Alterations of surface receptors on intralesional neutrophils in pustular psoriasis and palmo-plantar pustulosis. Iwatsuki K, et al. **Br J Dermatol** 1985 Jan;112(1):53-6

METABOLISM

[Fatty acids in normal and pathological stratum corneum of humans] Massengo T, et al. **C R Soc Biol (Paris)** 1984; 178(4):481-6 (Eng. Abstr.) **(Fre)**

MICROBIOLOGY

Actinomadura pelletieri mycetoma from the Transvaal. A case report. Culligan GA, et al. **S Afr Med J** 1985 Sep 14;68(6):416-8

OCCURRENCE

[Piezogenic papules of the feet (letter)] Vittori F, et al. **Ann Dermatol Venereol** 1985;112(2):181-2 **(Fre)**

[Ecology of fungi in the work area and the incidence of mycoses in Polish railroad workers] Banaszkiewicz H, et al. **Przegl Dermatol** 1984 Mar-Apr;71(2):135-40 (Eng. Abstr.) **(Pol)**

PATHOLOGY

Palmoplantar lesions in psoriatic patients and their relation to inverse psoriasis, tinea infection and contact allergy. Fransson J, et al. **Acta Derm Venereol (Stockh)** 1985; 65(3):218-23

Juvenile plantar dermatosis. A clinicopathologic study. Ashton RE, et al. **Arch Dermatol** 1985 Feb;121(2):225-8

Infantile acropustulosis. McFadden N, et al. **Cutis** 1985 Jul; 36(1):49-51

Painful piezogenic heel papules. A case report. Lin E, et al. **J Bone Joint Surg [Am]** 1985 Apr;67(4):640-1

Infantile histiocytic nodules of the feet. Kennedy C, et al. **J R Soc Med** 1984;77 Suppl 4:19-21

[Painful piezogenic pedal papules] Bouhanna P. **Ann Dermatol Venereol** 1984;111(6-7):575 **(Fre)**

[Painful piezogenic pedal papules] Le Roux P. **Ann Dermatol Venereol** 1984;111(6-7):574 **(Fre)**

[Pediatric acropustulosis] Prigent F, et al. **Ann Dermatol Venereol** 1984;111(8):747-8 **(Fre)**

[Resistant hypertrophic warts with palmoplantar predominance] Sayag J, et al. **Ann Dermatol Venereol** 1984; 111(8):759-60 **(Fre)**

PHYSIOPATHOLOGY

[Painful piezogenic pedal papules] Dreno B, et al. **Ann Dermatol Venereol** 1984;111(6-7):571-3 **(Fre)**

RADIOTHERAPY

Superficial X-ray therapy in the treatment of palmoplantar pustulosis [letter] Fairris GM, et al. **Br J Dermatol** 1984 Oct;111(4):499-500

Superficial X-ray therapy in the treatment of constitutional eczema of the feet [letter] Fairris GM, et al. **Br J Dermatol** 1984 Oct;111(4):500-2

SURGERY

Anaesthesia for surgery in a patient with a transplanted heart. Bricker SR, et al. **Br J Anaesth** 1985 Jun;57(6):634-7

Intramedullary decompression with condylectomy for intractable plantar keratoma. Roven MD. **Clin Podiatry** 1985 Jul;2(3):491-6

Plantar inclusion cyst: a review of the literature. McClain J, et al. **J Foot Surg** 1984 Nov-Dec;23(6):454-6

Reconstruction of the heel with chronic ulceration with flexor digitorum brevis myocutaneous flap. Shah A, et al. **Lepr Rev** 1985 Mar;56(1):41-8

THERAPY

The fluid silicone prosthesis. Balkin SW. **Clin Podiatry** 1984 Apr;1(1):145-64

VETERINARY

Pemphigus foliaceus of the footpads in three dogs. Ihrke PJ, et al. **J Am Vet Med Assoc** 1985 Jan 1;186(1):67-9

Progressive digital necrosis in the eastern blue-tongued skink, Tiliqua scincoides (Shaw). Hazell SL, et al. **J Wildl Dis** 1985 Apr;21(2):186-8

A cage-related foot pad dermatitis in dwarf and normal-sized single comb white Leghorn layers. Burger RA, et al. **Poult Sci** 1984 Aug;63(8):1512-5

Pododermatitis aseptica diffusa (laminitis) in free range beef cattle in tropical Africa. Mgassa MN, et al. **Vet Rec** 1984 Oct 20;115(16):413-4

FOOT DISEASES

Diffuse pulmonary metastasis in melanoma: radiographic-pathologic correlation. Dwyer AJ, et al. **AJR** 1984 Nov;143(5):983-4

Symposium on podopediatrics. **Clin Podiatry** 1984 Dec; 1(3):445-746

Tungiasis. Armin AR, et al. **J Am Podiatr Med Assoc** 1985 Jun;75(6):325-7

Benign schwannoma. Clinical and histopathologic findings. Hennessee MT, et al. **J Am Podiatr Med Assoc** 1985 Jun; 75(6):310-4

Calcification of an accessory peroneal tendon in an athlete. A case presentation. Lepow GM, et al. **J Am Podiatr Med Assoc** 1985 Jun;75(6):323-5

Case comparisons of arch-area arteriovenous fistula and cavernous hemangioma. Person VA, et al. **J Am Podiatry Assoc** 1984 Nov;74(11):569-71

CHEMICALLY INDUCED

Chemotherapy-associated palmar-plantar erythrodysesthesia syndrome. Lokich JJ, et al. **Ann Intern Med** 1984 Dec; 101(6):798-9

Effects of anti-inflammatory drugs on rat paw oedema and leukocyte migration. Engler H, et al. **Int J Tissue React** 1985;7(2):133-5

Studies on blackfoot disease and chronic arsenism in southern Taiwan: with special reference to skin lesions and fluorescent substances. Yu HS, et al. **J Dermatol (Tokyo)** 1984 Aug;11(4):361-70

COMPLICATIONS

Oncogenic osteomalacia associated with a mesenchymal chondrosarcoma. Stone E, et al. **Clin Invest Med** 1984; 7(3):179-85

The handicapped child. Tax HR. **Clin Podiatry** 1984 Dec; 1(3):459-76

Multiple epitheliomata cuniculata occurring in a mutilating keratoderma. Barnett JH, et al. **Cutis** 1985 Apr;35(4):345-7

Subchondral hematoma as a cause of metatarsalgia. Caputo L, et al. **J Am Podiatr Med Assoc** 1985 Apr;75(4):213-5

Effect of soft-tissue pathology on detection of pedal osteomyelitis in diabetics. Seldin DW, et al. **J Nucl Med** 1985 Sep;26(9):988-93

Carcinoma in plantar ulcers in leprosy. Fleury RN, et al. **Lepr Rev** 1984 Dec;55(4):369-78

Painful conditions of the ankle and foot. Duckworth T. **Practitioner** 1985 Feb;229(1400):153-4, 156, 158, passim

[Development of a squamous cell carcinoma in generalized morphea] Laux B, et al. **Z Hautkr** 1985 May 15; 60(10):767-8, 771-3 (Eng. Abstr.) **(Ger)**

[Dermatomyositis in a patient with melanoma of the foot] Golovchenko DIa, et al. **Vestn Dermatol Venerol** 1984 Dec; (12):50-2 (Eng. Abstr.) **(Rus)**

[Tumoral hypophosphatemic osteomalacia] Santamaría Sandi J, et al. **Med Clin (Barc)** 1985 Jun 29;85(5):191-3 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

A case of water on the foot. Warren RA. **Arch Emerg Med** 1984 Dec;1(4):225-7

Extraskeletal soft-tissue chondrosarcoma. Case report and review of the literature. Amir D, et al. **Clin Orthop** 1985 Sep;(198):219-23

Consideration of patient evaluation and utilization. Helfand AE, et al. **Clin Podiatry** 1984 Aug;1(2):261-77

Biomechanical evaluation of the child. Valmassy RL. **Clin Podiatry** 1984 Dec;1(3):563-79

Symptomatic incisional neuromas on the dorsum of the foot. Kenzora JE. **Foot Ankle** 1984 Jul-Aug;5(1):2-15

Pseudorheumatoid nodule versus granuloma annulare. A case report. Kaloogian H, et al. **J Am Podiatr Med Assoc** 1985 Aug;75(8):434-7

Neuroma with causalgic symptoms. Miller HG. **J Am Podiatry Assoc** 1984 Sep;74(9):451-3

The prediction of healing in ischemic lesions of the foot. A comparison of Doppler ultrasound and elevation reactive hyperemia. Gilfillan RS, et al. **J Cardiovasc Surg (Torino)** 1985 Jan-Feb;26(1):15-20

Cyst and cystlike lesions of the foot. Bernstein AL, et al. **J Foot Surg** 1985 Jan-Feb;24(1):3-17 (84 ref.)

Infection of the sole of the foot [letter] Gray FJ. **Med J Aust** 1985 Feb 4;142(3):239-40

Kaposi's sarcoma of the foot: case report and review. Richter PA, et al. **Milit Med** 1984 Nov;149(11):631-4

[Blue rubber bleb nevus syndrome from the orthopedic viewpoint] van den Eeden F, et al. **Z Orthop** 1984 Nov-Dec;122(6):860-2 (Eng. Abstr.) **(Ger)**

[Painful piazogenic pedal papules] Ronen M, et al. **Harefuah** 1984 Oct;107(7-8):180-2 (Eng. Abstr.) **(Heb)**

[Clinico-roentgenological characteristics of foot and hand diseases in patients with a history of brucellosis] Mazur MV, et al. **Ter Arkh** 1984;56(12):102-5 **(Rus)**

[Periungual and subungual fibromas] Sheklakov ND, et al. **Vestn Dermatol Venerol** 1985 Feb;(2):25–7 (Eng. Abstr.) (Rus)

DRUG THERAPY

Plantar fibromatosis responds to intralesional steroids. Pentland AP, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):212–4

Treatment of diabetic perforating ulcers (mal perforant) with local dimethylsulfoxide. Lishner M, et al. **J Am Geriatr Soc** 1985 Jan;33(1):41–3

Gentamicin-impregnated PMMA beads: an introduction and review. Marcinko DE. **J Foot Surg** 1985 Mar–Apr; 24(2):116–[illegible]

ENZYMOLOGY

[Preliminary analysis of serum lactate dehydrogenase isoenzymes in patients of blackfoot disease] Lu FJ, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Oct;83(10):1001–5 (Eng. Abstr.) (Chi)

ETIOLOGY

Gangrene of the foot: a complication of phlebography. LePage JR. **Angiology** 1985 Jun;36(6):399–405

Burning feet complicating cardio–pulmonary bypass [letter] Byrne E, et al. **Aust NZ J Med** 1984 Oct;14(5):686–7

The aetiology of diabetic neuropathic ulceration of the foot. Delbridge L, et al. **Br J Surg** 1985 Jan;72(1):1–6 (85 ref.)

Plantar ulcers in hereditary sensory neuropathy. A plea for conservative treatment. Berginer V, et al. **Int J Dermatol** 1984 Dec;23(10):664–8

Diabetic neuroarthropathy of the foot. Santori FS, et al. **Ital J Orthop Traumatol** 1984 Sep;10(3):411–9

Rheumatoid vasculitis. A case report. Goldman EP, et al. **J Am Podiatry Assoc** 1984 Oct;74(10):514–6

Diabetic gangrenous ulcerative disease with an ectopic finding. A case report. Haber G, et al. **J Am Podiatry Assoc** 1984 Oct;74(10):516–7

Neuropathic ulcers of the foot. Lang–Stevenson AI, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):438–42

The relationship between foot structure and intermetatarsal neuromas. Wachter SD, et al. **J Foot Surg** 1984 Nov–Dec; 23(6):436–9

On vascular non–disease of the foot in diabetes [letter] Krahenbuhl B, et al. **N Engl J Med** 1985 May 2; 312(18):1190–1

Malum perforans pedis caused by spinal canal stenosis and spondylolisthesis. Nishio K, et al. **Sangyo Ika Daigaku Zasshi** 1984 Jun 1;6(2):171–6

Diabetic foot infections––prevention and treatment. Gleckman RA, et al. **West J Med** 1985 Feb;142(2):263–5

[Static disorders or venous pathology of the foot?] Miolane A. **Phlebologie** 1985 Apr–Jun;38(2):249–53 (Eng. Abstr.) (Fre)

[Neurogenic circulatory disorders in the pathogenesis of diabetic foot syndrome] Jeziorski KG. **Pol Tyg Lek** 1985 May 6;40(18):531–3 (Pol)

[Diabetic osteoarthropathy (report on 2 patients)] Krajnc I, et al. **Reumatizam** 1984;31(3–4):59–62 (Eng. Abstr.) (Scr)

FAMILIAL & GENETIC

Congenital lymphedema in two siblings. Kajii T, et al. **Jinrui Idengaku Zasshi** 1985 Mar;30(1):31–4

HISTORY

History of implants. Kaplan EG, et al. **Clin Podiatry** 1984 Apr;1(1):3–10

IMMUNOLOGY

Importance of the footpad lesion in the mouse response to local inoculation of Mycobacterium marinum. Mor N, et al. **Ann Inst Pasteur Microbiol** 1985 Mar–Apr; 136A(2):191–201

METABOLISM

Effect of carrageenin–induced pedal edema on rat brain prostaglandins. Bhattacharya SK, et al. **Neurochem Pathol** 1984 Fall;2(3):163–9

MICROBIOLOGY

Bacteria causing podiatric infections, and processing of clinical specimens. Axler DA, et al. **J Am Podiatr Med Assoc** 1985 Jan;75(1):1–12 (48 ref.)

PARASITOLOGY

Caterpillar infestation in a diabetic patient [letter] Anderson JF, et al. **J Infect Dis** 1984 Dec;150(6):964

Dracunculiasis in Igbon, Oyo State, Nigeria. Edungbola LD. **J Trop Med Hyg** 1984 Aug;87(4):153–8

PATHOLOGY

Melanocytic neuroectodermal tumor of the foot. Report of a case with multicentric origin. Young S, et al. **Am J Clin Pathol** 1985 Sep;84(3):371–8

Acquired fibrokeratoma of the heel. Cooper PH, et al. **Arch Dermatol** 1985 Mar;121(3):386–8

Arteriovenous malformation simulating Kaposi's sarcoma (pseudo–Kaposi's sarcoma). Marshall ME, et al. **Arch Dermatol** 1985 Jan;121(1):99–101

Extraorbital sebaceous carcinoma. Pricolo VE, et al. **Arch Surg** 1985 Jul;120(7):853–5

A case of synovial sarcoma with bone metastasis identified by bone marrow scintigraphy. Otsuka N, et al. **Clin Nucl Med** 1985 Apr;10(4):260–3

Desmoplastic fibroma of the first metatarsal. A case report. Beskin JL, et al. **Clin Orthop** 1985 May;(195):299–303

Malignant melanoma of the plantar aspect of the foot. Chairman EL, et al. **Cutis** 1985 Feb;35(2):160–4

Subungual lentigo maligna. Clouse WE, et al. **Cutis** 1985 Aug; 36(2):153–5

Morton's neuroma: a microscopic evaluation. Graham CE, et al. **Foot Ankle** 1984 Nov–Dec;5(3):150–3

A case of squamous cell carcinoma in plantar ulcer in leprosy. Bobhate SK, et al. **Ind J Lepr** 1984 Jul–Sep;56(3):653–5

Squamous cell carcinoma developing in trophic ulcers in leprosy––a case report. Kumar K, et al. **Ind J Lepr** 1984 Jul–Sep;56(3):656–7

Palmar melanotic macules. A sign of neurofibromatosis. Yesudian P, et al. **Int J Dermatol** 1984 Sep;23(7):468–71

Superficial spreading melanoma in blacks. A case report. Lepow GM, et al. **J Am Podiatr Med Assoc** 1985 Aug; 75(8):425–8

Verrucous squamous cell carcinoma of the foot. A rare case history. Neufeld RI, et al. **J Am Podiatr Med Assoc** 1985 Jun;75(6):300–5

Verrucous carcinoma pedis (epithelioma cuniculatum). Sanders L, et al. **J Am Podiatr Med Assoc** 1985 Aug; 75(8):419–24

Verrucous Bowen's disease of the plantar foot. Grekin RC, et al. **J Dermatol Surg Oncol** 1984 Sep;10(9):734–6

Case report 275. Neurilemmoma right foot. Galuten A, et al. **Skeletal Radiol** 1984;12(2):129–32

Elastofibroma arising in the foot. Cross DL, et al. **South Med J** 1984 Sep;77(9):1194–6

[Epithelioma cuniculatum. Apropos of a case with review of the literature] Bendelac A, et al. **Ann Pathol** 1984 Jun–Aug;4(3):223–9 (Eng. Abstr.) (Fre)

[Plantar prickle cell epithelioma (epithelioma cuniculatum). Description of 3 cases] Schiazza L, et al. **G Ital Dermatol Venereol** 1985 May–Jun;120(3):173–8 (Eng. Abstr.) (Ita)

[Subungual melanoma: clinicopathologic studies of 16 cases] Takematsu H, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Oct;94(11):1277–84 (Jpn)

[Pigment–free clear–cell sarcoma] Katenkamp D, et al. **Arkh Patol** 1985;47(1):63–9 (Eng. Abstr.) (Rus)

[Case of Kaposi's sarcoma combined with villous cell leukemia] Kerimov SG, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):45–8 (Eng. Abstr.) (Rus)

PHYSIOPATHOLOGY

Functional limitation of motion of the first metatarsophalangeal joint. Cohn I, et al. **J Foot Surg** 1984 Nov–Dec;23(6):477–84

Skin perfusion pressure in the prediction of healing in diabetic patients with ulcers or gangrene of the foot. Faris I, et al. **J Vasc Surg** 1985 Jul;2(4):536–40

PREVENTION & CONTROL

Leg support for the postoperative protection of the heel in patients with diabetes mellitus. Delbridge L, et al. **Br J Surg** 1985 Feb;72(2):87

Podiatric sports medicine. Evaluation and prevention of injuries. Gordon GM. **Clin Podiatry** 1984 Aug;1(2):401–16

Preventing diabetic foot problems. Helfand AE. **Clin Podiatry** 1984 Aug;1(2):343–51

Plantar pressure measurements and the prevention of ulceration in the diabetic foot. Duckworth T, et al. **J Bone Joint Surg [Br]** 1985 Jan;67(1):79–85

Preventing diabetic foot problems. Frazin R. **Nurse Pract** 1984 Oct;9(10):40–1, 44–6, 50–2

RADIOGRAPHY

Radiographic appearance of Ewing sarcoma of the hands and feet: report from the Intergroup Ewing Sarcoma Study. Reinus WR, et al. **AJR** 1985 Feb;144(2):331–6

The need for arteriography in diabetic patients with gangrene and palpable foot pulses. Andros G, et al. **Arch Surg** 1984 Nov;119(11):1260–3

Erosive group G streptococcal arthritis. Case report and review of the literature. Van Linthoudt D, et al. **Clin Rheumatol** 1984 Dec;3(4):541–5

Noninfectious osseous alterations in the diabetic foot. Tuccio AT, et al. **J Foot Surg** 1985 Mar–Apr;24(2):154–7

Computed tomography of the hindfoot. Martinez S, et al. **Orthop Clin North Am** 1985 Jul;16(3):481–96

[Giant–cell reaction of the short tubular bones of the hand and foot] Seemann WR, et al. **ROFO** 1985 Apr; 142(4):454–7 (Eng. Abstr.) (Ger)

RADIONUCLIDE IMAGING

Nuclear medicine: implications for podiatry. Shuer ML, et al. **J Am Podiatr Med Assoc** 1985 Feb;75(2):90–8

REHABILITATION

Symposium on rehabilitation of the foot. **Clin Podiatry** 1984 Aug;1(2):247–444

Some guidelines for the use of physical modalities. Bruno J. **Clin Podiatry** 1984 Aug;1(2):295–9

Basic considerations for shoes, shoe modifications, and orthoses in foot care. Helfand AE. **Clin Podiatry** 1984 Aug; 1(2):431–40

A positive approach to rehabilitation involving the foot. Helfand AE, et al. **Clin Podiatry** 1984 Aug;1(2):249–54

Therapeutic modalities and procedures. Part I: Cold and Heat. Helfand AE, et al. **Clin Podiatry** 1984 Aug; 1(2):301–13

Therapeutic modalities and procedures. Part II: Hydrotherapy and ultraviolet. Helfand AE, et al. **Clin Podiatry** 1984 Aug;1(2):315–21

Therapeutic modalities and procedures. Part III: Kinetic procedures, surgical considerations, direct and alternating currents. Helfand AE, et al. **Clin Podiatry** 1984 Aug; 1(2):323–41

SURGERY

Sural nerve neurocutaneous cross–foot flap. Angelats J, et al. **Ann Plast Surg** 1984 Sep;13(3):239–42

Instep island flaps. Reading G. **Ann Plast Surg** 1984 Dec; 13(6):488–94

Acral (volar–subungual) melanoma. Gutman M, et al. **Br J Surg** 1985 Aug;7(8):610–3

The role of the Verebelyi–Ogston procedure in the management of the arthrogrypotic foot. Gross RH. **Clin Orthop** 1985 Apr;(194):99–103

Preoperative work–up and criteria. Arnold MZ, et al. **Clin Podiatry** 1985 Jul;2(3):423–33

Infections in minimal incision surgery. Cangialosi CP. **Clin Podiatry** 1985 Jul;2(3):435–47

Pins, wires, and staples in foot surgery. DiGiovanni JE, et al. **Clin Podiatry** 1984 Apr;1(1):211–23

Hemi–implants in foot surgery. Dobbs BM. **Clin Podiatry** 1984 Apr;1(1):79–87

Biomaterials in foot surgery. Frisch EE. **Clin Podiatry** 1984 Apr;1(1):11–27 (41 ref.)

The lixiscope. Use in examination and surgery. George FW. **Clin Podiatry** 1985 Jul;2(3):511–8

The carbon dioxide laser in podiatric medicine. Kaplan BR, et al. **Clin Podiatry** 1985 Jul;2(3):519–22

Digital implant arthroplasty. Lanham RH Jr. **Clin Podiatry** 1984 Apr;1(1):47–68

Biomechanics of implanted joints of the foot. Orien WP. **Clin Podiatry** 1984 Apr;1(1):29–45

Early ambulation after minimal incision surgery for calcaneal spurs. Polisner RI. **Clin Podiatry** 1985 Jul;2(3):497–502

A new implant for the metatarsophalangeal joint. Sgarlato T. **Clin Podiatry** 1984 Apr;1(1):69–77

Postsurgical complications and their clinical management. Solomon MG, et al. **Clin Podiatry** 1985 Jul;2(3):523–35

Minimal incision closing base wedges. Transpositional axis rotation deformity correction. Strauss RJ. **Clin Podiatry** 1985 Jul;2(3):477–82

Complications of silicone implants in foot surgery. Vanore J, et al. **Clin Podiatry** 1984 Apr;1(1):175–98 (66 ref.)

Rationale for office–based foot surgery. Wood WA. **Clin Podiatry** 1985 Jul;2(3):413–21

Gangrene requiring amputation in meningococcal infection. Carson JW. **Ir Med J** 1985 Jan;78(1):14–6

Epidermal cyst of the plantar surface. Bartolomei FJ, et al. **J Am Podiatr Med Assoc** 1985 Apr;75(4):207–10

Lipoma and fibroma occurring in the same foot. A case report. Chagares WE, et al. **J Am Podiatr Med Assoc** 1985 Jan;75(1):34–6

Transmetatarsal amputation with collateral use of radioisotope studies. Marks M, et al. **J Am Podiatr Med Assoc** 1985 Feb;75(2):63–5

A bizarre lipoma of the hallux. Weissinger WJ, et al. **J Am Podiatr Med Assoc** 1985 Feb;75(2):101–4

Preliminary report on use of carbon dioxide laser in podiatry. Apfelberg DB, et al. **J Am Podiatry Assoc** 1984 Oct; 74(10):509–13

Body temperature following podiatric surgery. Miller SJ. **J Am Podiatry Assoc** 1984 Oct;74(10):477–81

Considerations in pediatric surgery. Petrich RJ. **J Am Podiatry Assoc** 1984 Sep;74(9):445–9

Postoperative intravenous dexamethasone administration: a preliminary investigation. Fenton CF 3d, et al. **J Foot Surg** 1985 Mar–Apr;24(2):142–7

Podiatric management of the patient with renal disease. Fox HR. **J Foot Surg** 1985 Mar–Apr;24(2):148–53

Surgery for tophaceous gout. Frankel JP, et al. **J Foot Surg** 1984 Nov–Dec;23(6):440–4

Ray resections in the insensitive or dysvascular foot: a critical review. Gianfortune P, et al. **J Foot Surg** 1985 Mar–Apr; 24(2):103–7

Sinus tarsi syndrome: a postoperative analysis. Lowy A, et al. **J Foot Surg** 1985 Mar–Apr;24(2):108–12

The use of prophylactic antibiotics in clean podiatric surgery. Okun S, et al. **J Foot Surg** 1984 Sep–Oct;23(5):402–6

Tarsometatarsal amputation and tibialis anterior tendon transposition to cuneiform I. Turan I. **J Foot Surg** 1985 Mar–Apr;24(2):113–5

[Tenomyoplastic midtarsal amputation for gangrene of the forefoot] Jansen C, et al. **Ned Tijdschr Geneeskd** 1985 Apr 13;129(15):695–7 (Eng. Abstr.) (Dut)

[Triple arthrodesis for correction and consolidation of the foot] Meijers WG, et al. **Ned Tijdschr Geneeskd** 1984 Nov 17;128(46):2168–71 (Eng. Abstr.) (Dut)

[Treatment of spastic foot by selective neurotomy of the tibial nerve. Results of a series of 31 cases] Sindou M, et al.

Neurochirurgie 1985;31(3):189–97 (Eng. Abstr.) (Fre)

[Ledderhose disease (case considerations)] Bottinelli NF. **Chir Ital** 1982 Dec;34(6):1005–8 (Eng. Abstr.) (Ita)

THERAPY

Orthopaedic management of diabetic foot lesions. Lee EH, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):331–3

Total contact casting in diabetic patients with neuropathic foot ulcerations. Helm PA, et al. **Arch Phys Med Rehabil** 1984 Nov;65(11):691–3

Local treatment for neuropathic foot ulceration and osteoarthropathy. Brindley GW, et al. **Foot Ankle** 1985 Mar–Apr;5(5):245–50

Managing foot infections in the older diabetic patient. Bessman AN, et al. **Geriatrics** 1985 Jun;40(6):54–8, 62–3

Diabetic foot ulcers. protective primary care [editorial] Davidson MB. **Geriatrics** 1985 Jun;40(6):15, 18

Neuropathic plantar ulceration. Kumar K, et al. **Ind J Lepr** 1985 Jan–Mar;57(1):172–7

Podiatric services in a public health department hypertension clinic. Ary KR Jr, et al. **J Am Podiatr Med Assoc** 1985 Feb;75(2):111–2

The total contact cast. A therapy for plantar ulceration on insensitive feet. Coleman WC, et al. **J Am Podiatry Assoc** 1984 Nov;74(11):548–52 (11 ref.)

Role of soft orthosis in treating plantar fasciitis. Suggestion from the field. Goulet MJ. **Phys Ther** 1984 Oct;64(10):1544

[Vasculitis following guanethidine block treatment in algodystrophy of the foot] Delcambre B, et al. **Rev Rhum Mal Osteoartic** 1984 Jul–Sep;51(7–8):425–6 (Fre)

[Results of treatment in 118 foot necroses in relation to ankle blood pressure and diabetes. A one-year retrospective study of 108 patients] Martin M, et al. **Dtsch Med Wochenschr** 1985 Jun 21;110(25):989–93 (Eng. Abstr.) (Ger)

VETERINARY

Alterations in coagulation and hemograms of horses given endotoxins for 24 hours via hepatic portal infusions. Duncan SG, et al. **Am J Vet Res** 1985 Jun;46(6):1287–93

Six cases of degenerative joint disease of the proximal interphalangeal joint of young Thoroughbreds. Ellis DR, et al. **Equine Vet J** 1985 Jan;17(1):66–8

Noncomminuted fractures of the proximal phalanx in 69 horses. Markel MD, et al. **J Am Vet Med Assoc** 1985 Mar 15;186(6):573–9

Use of cancellous bone graft in treatment of navicular bone osteomyelitis in a foal. Markel MD, et al. **J Am Vet Med Assoc** 1985 Aug 1;187(3):278–80

Disseminated cutaneous squamous cell carcinoma in a ferret. Olsen GH, et al. **J Am Vet Med Assoc** 1985 Apr 1; 186(7):702–3

Supplemental biotin for swine. III. Influence of supplementation to corn- and wheat-based diets on the incidence and severity of toe lesions, hair and skin characteristics and structural soundness of sows housed in confinement during four parities. Bryant KL, et al. **J Anim Sci** 1985 Jan;60(1):154–62

Calcinosis circumscripta in two rhesus monkeys. Line SW, et al. **Lab Anim Sci** 1984 Dec;34(6):616–8

Mucopolysaccharides in plasma and urine of fattening cattle affected with laminitis. Motoi Y, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):565–9

Safety and efficacy of clavulanate-potentiated amoxycillin in pigeons (Columba livia). Cooper JE. **Res Vet Sci** 1985 Jul;39(1):87–9

Preliminary observations on a series of outbreaks of acute laminitis in dairy cattle. Bazeley K, et al. **Vet Rec** 1984 Dec 15;115(24):619–22

Clinical observations on the response of equine hoof defects to dietary supplementation with biotin. Comben N, et al. **Vet Rec** 1984 Dec 22–29;115(25–26):642–5

Relationship between levels of concentrate feeding and incidence of sole ulcers in dairy cattle. Peterse DJ, et al. **Vet Rec** 1984 Dec 15;115(24):629–30

[Pathogenesis of podotrochlosis] Fricker C, et al. **Schweiz Arch Tierheilkd** 1984 Jul;126(7):333–8 (Eng. Abstr.) (Ger)

[Swelling of the ball of the foot (bumblefoot) in birds of prey] Kiel H. **Tierarztl Prax** 1985;13(2):171–6 (15 ref.) (Eng. Abstr.) (Ger)

[Genetic aspects of orthopedic diseases in a dairy herd] Stanek C, et al. **Zentralbl Veterinarmed [A]** 1984 Aug; 31(7):508–18 (Eng. Abstr.) (Ger)

FOOT JOINT see **TARSAL JOINT**

FOOT ROT

IMMUNOLOGY

The structural integrity of pili from Bacteroides nodosus is required to elicit protective immunity against foot-rot in sheep. Emery DL, et al. **Aust Vet J** 1984 Jul;61(7):237–8

MICROBIOLOGY

Motility in relation to virulence of Bacteroides nodosus. Depiazzi LJ, et al. **Vet Microbiol** 1985 Jan;10(2):107–16

Serogroups of Bacteroides nodosus isolated from ovine footrot in Britain. Hindmarsh F, et al. **Vet Rec** 1985 Feb 16;116(7):187–8

PATHOLOGY

Differences between strains of Bacteroides nodosus in their effects on the severity of foot-rot, bodyweight and wool growth in Merino sheep. Stewart DJ, et al. **Aust Vet J** 1984 Nov;61(11):348–52

PREVENTION & CONTROL

Efficacy of ethylenediamine dihydriodide in the prevention of naturally occurring foot rot in cattle. Maas J, et al. **Am J Vet Res** 1984 Nov;45(11):2347–50

Differences between breeds of sheep in their responses to Bacteroides nodosus vaccines. Stewart DJ, et al. **Aust Vet J** 1985 Apr;62(4):116–20

The protection given by pilus and whole cell vaccines of Bacteroides nodosus strain 198 against ovine foot-rot induced by strains of different serogroups. Stewart DJ, et al. **Aust Vet J** 1985 May;62(5):153–9

FOOTBALL

White blood cell count and adherence in sportsmen and non-training subjects. Seneczko F. **Acta Physiol Pol** 1983 Sep–Dec;34(5–6):601–10

Caring for Alabama's secondary school athletes. Garth WP Jr. **Ala Med** 1985 Jul;55(1):44–5, 48, 51

Head and neck injuries in college football: an eight-year analysis. Albright JP, et al. **Am J Sports Med** 1985 May–Jun;13(3):147–52

A comparison of athletic mouthguard materials. Chaconas SJ, et al. **Am J Sports Med** 1985 May–Jun;13(3):193–7

Prophylaxis and management of hamstring muscle injuries in intercollegiate football players. Heiser TM, et al. **Am J Sports Med** 1984 Sep–Oct;12(5):368–70

Fracture separation of the olecranon ossification center in adults. Kovach J 2d, et al. **Am J Sports Med** 1985 Mar–Apr; 13(2):105–11

A review of scaphoid fracture healing in competitive athletes. Riester JN, et al. **Am J Sports Med** 1985 May–Jun; 13(3):159–61

Exercise performance of professional football players. Shields CL Jr, et al. **Am J Sports Med** 1984 Nov–Dec;12(6):455–9

Football shoulder and neck injury: a study of the 'stinger'. Poindexter DP, et al. **Arch Phys Med Rehabil** 1984 Oct; 65(10):601–2

Nutrition for the footballer. Burke LM. **Aust Fam Physician** 1984 Aug;13(8):625–6

Football injuries in Oslo: a one-year study. Maehlum S, et al. **Br J Sports Med** 1984 Sep;18(3):186–90

The social learning of aggression in youth football in the United States. Mugno DA, et al. **Can J Appl Sport Sci** 1985 Mar;10(1):26–35

Links in the chain: an approach to the treatment of drug abuse on a professional football team. Collins GB, et al. **Cleve Clin Q** 1984 Fall;51(3):485–92

Football injuries to the skeletal system. Virgin HW. **Compr Ther** 1985 Jan;11(1):19–24

Effect of preseason conditioning. High school football knee injuries. Cahill BR, et al. **IMJ** 1984 Nov;166(5):356–8

An evaluation of mouthguard programs in Texas high school football. Seals RR Jr, et al. **J Am Dent Assoc** 1985 Jun; 110(6):904–9

Life stress and athletic injury: examination of positive versus negative events and three moderator variables. Passer MW, et al. **J Human Stress** 1983 Dec;9(4):11–6

Sports medicine in Louisiana: A survey of 242 high schools. Brunet ME, et al. **J La State Med Soc** 1984 Aug;136(8):25–7

Myositis ossificans of the upper extremity: a long-term follow-up. Carlson WO, et al. **J Pediatr Orthop** 1984 Nov; 4(6):693–6

[Fatal lymphorrhagia] Helman L. **Cah Anesthesiol** 1984 Jan–Feb;32(1):65 (Fre)

FORAMEN MAGNUM

Syringomyelia associated with a foramen magnum meningioma. Hirata Y, et al. **Surg Neurol** 1985 Mar; 23(3):291–4

[Transoral anterior approach to foramen magnum meningioma—a case report and review] Chono Y, et al. **No Shinkei Geka** 1985 Jan;13(1):109–14 (Eng. Abstr.) (Jpn)

ABNORMALITIES

Sudden unexpected death associated with atlanto-occipital fusion. Vakili ST, et al. **Am J Forensic Med Pathol** 1985 Mar;6(1):39–43

Palatal anteversion as part of the iniencephaly malformation sequence. Wilson WG, et al. **J Craniofac Genet Dev Biol** 1985;5(1):5–10

ANATOMY & HISTOLOGY

Humerus length and foramen magnum area as indicators of size in birds. Wiedenfeld DA. **Anat Anz** 1985;158(2):193–8

Microsurgical anatomy of the region of the foramen magnum. de Oliveira E, et al. **Surg Neurol** 1985 Sep;24(3):293–352

PATHOLOGY

[Basilar impression combined with Arnold-Chiari malformation and syringobulbia—M.R.I. (magnetic resonance image, N.M.R.) diagnosis] Hatayama R, et al. **Nippon Ganka Gakkai Zasshi** 1985 May;89(5):654–9 (Eng. Abstr.) (Jpn)

RADIOGRAPHY

Computerized tomography of the foramen magnum: achondroplastic values compared to normal standards. Hecht JT, et al. **Am J Med Genet** 1985 Feb;20(2):355–60

FORAMEN OF MONRO see **CEREBRAL VENTRICLES**

FORAMEN OVALE see **HEART SEPTUM**

FORAMEN OVALE, PATENT see **HEART SEPTAL DEFECTS, ATRIAL**

FORCED EXPIRATORY FLOW RATES

Selection effects of repeatability criteria applied to lung spirometry. Eisen EA, et al. **Am J Epidemiol** 1984 Nov; 120(5):734–42

Density-dependence of maximal expiratory flow and its correlation with small airway disease in smokers. Paré PD, et al. **Am Rev Respir Dis** 1985 Apr;131(4):521–6

Interpretation of changes in spirographic and flow-volume variables after operative treatment in bilateral vocal cord paralysis. Bogaard JM, et al **Bull Eur Physiopathol Respir** 1985 Mar–Apr;21(2):131–5

Density dependence of forced expiratory flows. Methodological aspects. Teculescu DB. **Bull Eur Physiopathol Respir** 1985 Mar–Apr;21(2):193–204 (84 ref.) (Eng, Fre)

Partial flow-volume curves. Zamel N. **Bull Eur Physiopathol Respir** 1984 Nov–Dec;20(6):471–5

Characteristics and prognostic value of morning dipping of peak expiratory flow rate in stable asthmatic subjects. Bellia V, et al. **Chest** 1985 Jul;88(1):89–93

Usefulness of FEF25-75% and FEF200-1200 for the graphic/computational interpretation of spirometry [letter] Ibrialos P, et al. **Chest** 1985 Jul;88(1):157–8

A potential method of correcting intracavitary left ventricular filling pressures for the effects of positive end-expiratory airway pressure. Ditchey RV, et al. **Circulation** 1985 Sep;72(3):660–7

An electronic peak flow meter with optional coded display. Richardson RB, et al. **Clin Phys Physiol Meas** 1984 Aug; 5(3):201–6

Clinical spectrum and patterns of air-flow obstruction in bronchial asthma amongst adult Indians. Bhasin RC, et al. **Indian J Chest Dis Allied Sci** 1984 Jan–Mar;26(1):13–9

Peak expiratory flow rate and its prediction formulae in Haryanvis. Mahajan KK, et al. **Indian J Physiol Pharmacol** 1984 Oct–Dec;28(4):319–25

The significance of peak expiratory flow rate in assessing prognosis of elderly patients undergoing operations on the hip. Galasko CS, et al. **Injury** 1985 May;16(6):398–401

Sensitivity and specificity of the computational model for maximal expiratory flow. Lambert RK. **J Appl Physiol** 1984 Oct;57(4):958–70

Configuration of maximum expiratory flow-volume curve: model experiments with physiological implications. Pedersen OF, et al. **J Appl Physiol** 1985 Apr;58(4):1305–13

Increased gravitational stress does not alter maximum expiratory flow. Pyszczynski D, et al. **J Appl Physiol** 1985 Jul;59(1):28–33

Peak expiratory flow rate in healthy Pakistani adults. Hameed MA, et al. **JPMA** 1984 Dec;34(12):363–4

A method for producing forced expirograms in laboratory animals. Ventrone R, et al. **Lab Anim** 1984 Oct;18(4):379–82

Availability of mini peak flow meters for the management of severe asthma [letter] Williams AJ, et al. **Lancet** 1985 Jun 8;1(8441):1341

Inverse relation between peak expiratory flow rate (PEFR) and duration of attacks in asthmatics undergoing therapy with Ketotifen. Baskaranathan S, et al. **Med J Zambia** 1984 Jan;18(1):15–8

Analysis of maximum expiratory flow volume curves using canonical correlation analysis. van Pelt W, et al. **Methods Inf Med** 1985 Apr;24(2):91–100

Asthma and peak flow meters [letter] Murdoch JC **NZ Med J** 1985 Apr 10;98(776):252

Asthma and peak flow meters [letter] Yates D. **NZ Med J** 1985 May 8;98(778):351

Variability of peak expiratory flow rate as a prognostic index in asymptomatic asthma. Bellia V, et al. **Respiration** 1984; 46(3):328–33

Circadian rhythms in peak expiratory flow rate in workers exposed to cotton dust. Cinkotai FF, et al. **Thorax** 1984 Oct;39(10):759–65

Peak flow rate records in surveys: reproducibility of observers' reports. Venables KM, et al. **Thorax** 1984 Nov; 39(11):828–32

[The measurement of MEFV with lowlanders rapidly reaching high altitude] Yang SY. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Jun;7(3):166–7, 192 (Eng. Abstr.) (Chi)

[A study of the normal predictive value of MEFV and its normal lower limit value] Zhu EC. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Dec;7(6):363–6, 383, 380 (Eng. Abstr.) (Chi)

[Evaluation of the sensitivity and specificity of the maximal expiratory flow-volume curves in detecting small-airway lesions] He QY. **Chung Hua Nei Ko Tsa Chih** 1984 Aug; 23(8):500-2, 526 (Eng. Abstr.) **(Chi)**

[Maximal expiratory flow-volume curves (MEFV) in workers exposed to cement dust] Zhu EC. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Mar; 18(2):77-81 (Eng. Abstr.) **(Chi)**

[Peak expiratory flow measurement in 317 Danish schoolchildren] Fabricius J, et al. **Ugeskr Laeger** 1985 Apr 22;147(17):1396-9 (Eng. Abstr.) **(Dan)**

[Graphic representations of the forced expiration test. Reconciliation of the past and present] Thiriet M, et al. **Bull Eur Physiopathol Respir** 1984 Nov-Dec;20(6):569-70 **(Fre)**

[PEEP ventilation without hyperinflation of the lungs. A primary ventilatory pattern of controlled respiration based on expiratory volume curves] Lazarus G. **Anaesthesist** 1985 Feb;34(2):59-64 (Eng. Abstr.) **(Ger)**

[Oleic acid-induced interstitial lung edema in the dog: comparison of PEEP with high-frequency jet superimposed ZEEP ventilation] Schlag G, et al. **Anaesthesist** 1985 Feb;34(2):65-71 (Eng. Abstr.) **(Ger)**

[MEF test--an instrument for the determination of maximal expiratory flow values PEF, MEF 75, MEF 50, MEF 25] Ohme G. **Z Erkr Atmungsorgane** 1985;164(1):74-8 (Eng. Abstr.) **(Ger)**

[Descent gradient of maximal expiratory flow-volume curve and uneven distribution of ventilation] Uzawa T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar; 23(3):355-62 (Eng. Abstr.) **(Jpn)**

[Effect of a helium-oxygen mixture on maximal expiratory flow rate in children with bronchial asthma] Milanowski A, et al. **Pediatr Pol** 1984 Oct;59(10):805-11 (Eng. Abstr.) **(Pol)**

[Effect of patient cooperation and muscular physique on maximal expiratory flow rate] May K, et al. **Pneumonol Pol** 1985 Jan;53(1):53-6 (Eng. Abstr.) **(Pol)**

[Rhythms in bronchial asthma (letter)] **Med Clin (Barc)** 1984 Nov 10;83(15):649-50 **(Spa)**

[Forced maximal expiratory flow at an altitude of 5,600 meters (letter)] Monsó E, et al. **Med Clin (Barc)** 1984 Oct 13;83(11):471 **(Spa)**

INSTRUMENTATION

Using mini peak flow meter. A simple airway monitor in respiratory medicine. Bhasin RC. **J Assoc Physicians India** 1984 Nov;32(11):987-9

Asthma and peak flow meters [letter] Davies L. **NZ Med J** 1985 Mar 13;98(774):154-5

METHODS

[Gated study of ventilation with 81mKr gas--distribution of air and He + O2 mixed gas] Murakami Y, et al. **Radioisotopes** 1984 Sep;33(9):647-9 **(Jpn)**

FORCED EXPIRATORY VOLUME

Variance components analysis of forced expiration in families. Astemborski JA, et al. **Am J Med Genet** 1985 Aug; 21(4):741-53

Distribution of forced expiratory volume in one second and forced vital capacity in healthy, white, adult never-smokers in six U.S. cities. Dockery DW, et al. **Am Rev Respir Dis** 1985 Apr;131(4):511-20

A method for predicting postoperative lung function and its relation to postoperative complications in patients with lung cancer. Nakahara K, et al. **Ann Thorac Surg** 1985 Mar; 39(3):260-5

Effect of a mixture of pyridostigmine and atropine on forced expiratory volume (FEV1), and serum cholinesterase activity in normal subjects. Feldt-Rasmussen BF, et al. **Br J Anaesth** 1985 Feb;57(2):204-7

Determinants of changes in FEV1 over a workshift. Enarson DA, et al. **Br J Ind Med** 1985 Mar;42(3):202-4

Changes in the FEV1-height relationship during pubertal growth. Schrader PC, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug;20(4):381-8

Is the MVV:FEV1 ratio useful for assessing spirometry validity? Harber P, et al. **Chest** 1985 Jul;88(1):52-7

Prediction of timed vital capacity from height and weight in children in the age group of 5 to 12 years. Pande AH, et al. **Indian J Pediatr** 1984 Sep-Oct;51(412):537-9

A method for producing forced expirograms in laboratory animals. Ventrone R, et al. **Lab Anim** 1984 Oct;18(4):379-82

Nomograms for predicted FEV1 and FVC in children, adolescents, and adults. Corre KA, et al. **Mt Sinai J Med (NY)** 1985 May;52(5):315-8

Longitudinal decline in FEV1 in United States coalminers. Attfield MD. **Thorax** 1985 Feb;40(2):132-7

Short term variability in FEV1: relation to pretest activity, level of FEV1, and smoking habits. Tweeddale PM, et al. **Thorax** 1984 Dec;39(12):928-32

[So-called pocket-sized spirometry versus respiratory function tests: a comparative study of vital capacity, forced expiratory volume in 1 second and Tiffeneau's coefficient] Granthil C, et al. **Ann Fr Anesth Reanim** 1984;3(5):342-5 (Eng. Abstr.) **(Fre)**

[Graphic representations of the forced expiration test. Reconciliation of the past and present] Thiriet M, et al. **Bull Eur Physiopathol Respir** 1984 Nov-Dec;20(6):569-70 **(Fre)**

[Studies on fibrin deposition in basement membrane in the biopsied bronchial tissues and respiratory function in patients with bronchial asthma] Ikeda C, et al. **Arerugi** 1985 Jan;34(1):15-22 (Eng. Abstr.) **(Jpn)**

[Error in the measurement of changes in pulmonary ventilation (FEV1) in prospective studies] Chłopek H. **Przegl Epidemiol** 1984;38(3):307-14 (Eng. Abstr.) **(Pol)**

[Prediction of impaired pulmonary function after pneumonectomy in bronchogenic carcinoma] Dangubić V, et al. **Plucne Bolesti** 1984 Jul-Dec;36(3-4):201-3 (Eng. Abstr.) **(Ser)**

FORCED VITAL CAPACITY see **VITAL CAPACITY**

FORCED VITAL CAPACITY, TIMED see **FORCED EXPIRATORY VOLUME**

FOREARM

Angiomatoid malignant fibrous histiocytoma. Cytology of fine-needle aspiration and its differential diagnosis. Kanter MH, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):564-6

Malignant endovascular papillary angioendothelioma. Cutaneous borderline tumor. Patterson K, et al. **Arch Pathol Lab Med** 1985 Jul;109(7):671-3

Management of forearm pronator teres contractures. Pernet A, et al. **Int Surg** 1984 Oct-Dec;69(4):341-4

Pathologic anatomy of the forearm: intersection syndrome. Grundberg AB, et al. **J Hand Surg [Am]** 1985 Mar; 10(2):299-302

Chronic exertional compartment syndrome of the forearm: a case report. Kutz JE, et al. **J Hand Surg [Am]** 1985 Mar; 10(2):302-4

Synovial sarcoma with squamous metaplasia. Povýšil C. **Ultrastruct Pathol** 1984;7(2-3):207-13

[The rare radial flexor muscle of the wrist with a special presentation] Effendy W, et al. **Handchir Mikrochir Plast Chir** 1985 Mar;17(2):111-2 (Eng. Abstr.) **(Ger)**

ABNORMALITIES

A rare anomalous muscle, palmaris profundus, found when operating at the wrist for neurological symptoms. A report of two cases. Carstam N. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):163-7

ANATOMY & HISTOLOGY

Fiber type composition of monkey forearm muscle. McIntosh JS, et al. **Anat Rec** 1985 Apr;211(4):403-9

[The quadrate pronator muscle--a morphological and functional analysis] Koebke J, et al. **Anat Anz** 1984; 157(4):311-8 (Eng. Abstr.) **(Ger)**

BLOOD SUPPLY

Functional differences in blood vessels determined from studies with calcium-channel blockers. Functional changes in forearm resistance vessels of men with primary hypertension. Robinson BF. **Am J Cardiol** 1985 Jan 25; 55(3):24B-29B

Acute penetrating arterial injuries of the forearm. Ligation or repair? Lee RE, et al. **Am Surg** 1985 Jun;51(6):318-24

Ischaemia following selfadministered intra-arterial injection of methylphenidate and diamorphine. A case report of treatment with intra-arterial urokinase and review. Corser G, et al. **Anaesthesia** 1985 Jan;40(1):51-4

Anatomy of the radial forearm flap. Masquelet AC. **Anat Clin** 1984;6(3):171-6

An unusual complication of the Arrow Radial Artery Kit [letter] Schreiner E. **Anesth Analg** 1985 Aug;64(8):844

Can we trust the direct radial artery pressure immediately following cardiopulmonary bypass? Stern DH, et al. **Anesthesiology** 1985 May;62(5):557-61

Some observations on the radial artery island flap. Emerson DJ, et al. **Br J Plast Surg** 1985 Jan;38(1):107-12

Raising the radial artery forearm flap: the superficial ulnar artery 'trap'. Fatah MF, et al. **Br J Plast Surg** 1985 Jul; 38(3):394-5

The ulnar artery forearm free flap. Lovie MJ, et al. **Br J Plast Surg** 1984 Oct;37(4):486-92

Forearm arterial compliance: a new measure of arterial compliance? Fitchett DH. **Cardiovasc Res** 1984 Nov; 18(11):651-6

Simultaneous Doppler blood velocity measurements from aorta and radial artery in normal human subjects. Targett RC, et al. **Cardiovasc Res** 1985 Jul;19(7):394-9

Increased forearm vascular reactivity in patients with hypertension after repair of coarctation. Gidding SS, et al. **Circulation** 1985 Mar;71(3):495-9

Assessment of arteriovenous fistulae from pressure and thermal dilution studies: clinical experience in forearm fistulae. Greenwood RN, et al. **Clin Nephrol** 1985 Apr; 23(4):189-97

Effect of small increments in plasma calcium concentration on the responsiveness of forearm resistance vessels to verapamil in normal subjects. Robinson BF, et al. **Clin Sci** 1984 Dec;67(6):613-8

Quantitative and qualitative assessment of plasma von Willebrand factor variations, as induced by forearm venous stasis in patients with diabetic microangiopathy. Porta M, et al. **Diabetes Res** 1984 Nov;1(4):219-21

Vascular responses to intravenous catecholamines in hands and forearms with normal and with increased skin blood flow. Allen JA, et al. **Ir J Med Sci** 1985 May;154(5):178-86

Interaction of local and reflex thermal effects in control of forearm blood flow. Wenger CB, et al. **J Appl Physiol** 1985 Jan;58(1):251-7

False aneurysm of the radial artery. Duchateau J, et al. **J Hand Surg [Am]** 1985 Jan;10(1):140-1

Critical hand ischemia caused by forearm fibromuscular dysplasia. Edwards JM, et al. **J Vasc Surg** 1985 May; 2(3):459-63

Acute arterial occlusions due to accidental intra-arterial injections of diazepam [letter] Rüddel H, et al. **Klin Wochenschr** 1985 Jan 15;63(2):93-4

Noninvasive measurement of pressure/volume characteristics in human limb veins by electrical admittance plethysmography. Shimazu H, et al. **Med Biol Eng Comput** 1985 Jan;23(1):38-42

A case study of radial artery absence. Suzuki T, et al. **Okajimas Folia Anat Jpn** 1985 May;62(1):53-65

Iatrogenic arteriovenous fistula after multiple arterial punctures. Ontell SJ, et al. **Pediatrics** 1985 Jul;76(1):97-8

Venous drainage in the reverse forearm flap. Lin SD, et al. **Plast Reconstr Surg** 1984 Oct;74(4):508-12

Varicose ulcer of the upper extremity. Davis RP, et al. **Surgery** 1985 Sep;98(3):616-8

Effects of prostacyclin and of the stable prostacyclin analogue ZK 36374 on forearm blood flow and blood platelet behaviour in man. Cowley AJ, et al. **Thromb Haemost** 1985 Feb 18;53(1):90-4

[Prolonged catheterization of the radial artery. Prospective evaluation of the thrombogenic and infectious risk] Martin C, et al. **Ann Fr Anesth Reanim** 1984;3(6):435-9 (Eng. Abstr.) **(Fre)**

[Improvement of the tolerance of prolonged catheterization of radial artery] Martin C, et al. **Presse Med** 1985 Mar 9;14(10):594-5 (Eng. Abstr.) **(Fre)**

[Tolerance to catheterization of the radial artery (letter)] Scriban M. **Presse Med** 1985 Jul 6;14(27):1476 **(Fre)**

[A rare case of median nerve compression at the bend of the elbow] Vaccari A, et al. **Chir Organi Mov** 1982-83; 68(4-6):785-90 (Eng. Abstr.) **(Ita)**

[Ultrasonic evaluation of blood flow in arteriovenous fistulas for the purpose of hemodialysis] Golab K, et al. **Wiad Lek** 1984 Nov 1;37(21):1665-8 (Eng. Abstr.) **(Pol)**

[Effect of arterial and venous insufficiency on the healing of fractures of long tubular bones] Bolatashvili IF. **Khirurgiia (Mosk)** 1985 May;(5):72-4 (Eng. Abstr.) **(Rus)**

[Effect of sodium oxybutyrate on the microcirculation of the ischemic hand] Kuz'menko VV, et al. **Sov Med** 1985; (3):118-22 **(Rus)**

INNERVATION

Entrapment neuropathies of the upper extremity. Morgan RF, et al. **Am Fam Physician** 1985 Jan;31(1):123-34

Medial and lateral antebrachial cutaneous nerves: standardization of technique, reliability and age effect on healthy subjects. Izzo KL, et al. **Arch Phys Med Rehabil** 1985 Sep;66(9):592-7

Posterior interosseous nerve syndrome caused by an intermuscular lipoma. Pidgeon KJ, et al. **Arch Phys Med Rehabil** 1985 Jul;66(7):468-71

Active and passive forearm flexor tension patterns in the continuous perceptual-motor task paradigm: the significance of motivation. Svebak S. **Int J Psychophysiol** 1984 Dec;2(3):167-76

The arm-mouth reflex in a patient with amyotrophic lateral sclerosis [letter] Kuroda Y, et al. **J Neurol Neurosurg Psychiatry** 1985 Apr;48(4):385-6

The anterior interosseous nerve syndrome. Chan KM, et al. **J R Coll Surg Edinb** 1984 Nov;29(6):350-3 (30 ref.)

[The anterior interosseous nerve syndrome. A rare lesion of a median nerve branch in the forearm. A case] Bouche P, et al. **Presse Med** 1985 Jan 12;14(1):31-3 (Eng. Abstr.) **(Fre)**

[Anterior interosseous nerve syndrome (letter)] Mabin D, et al. **Presse Med** 1985 Apr 27;14(17):981 **(Fre)**

[A study on relation between premotor cortex and forelimb movement: analysis of neuronal activity] Kurata K. **Hokkaido Igaku Zasshi** 1984 Jul;59(4):425-38 (Eng. Abstr.) **(Jpn)**

[Sensory nerve conduction by the medial antebrachial cutaneous nerve] Kimura I. **Rinsho Shinkeigaku** 1985 Feb; 25(2):179-84 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Brief or new: two pronation splints. Hage G. **Am J Occup Ther** 1985 Apr;39(4):265-7

Force analysis of the rowing stroke employing two differing oar grips. Bompa TO, et al. **Can J Appl Sport Sci** 1985 Jun;10(2):64-7

The function of the anconeus muscle. Gleason TF, et al. **Clin Orthop** 1985 Jan-Feb;(192):147-8

Role of gain programming in the voluntary movement of the human forearm. Katbab A, et al. **Med Biol Eng Comput** 1985 May;23(3):230-6

PHYSIOPATHOLOGY

[Calculation of stress in the region of Colles' fracture at a typical location during handgrip] Solomonik ZE, et al. **Ortop Travmatol Protez** 1985 Apr;(4):29-32 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Longitudinal CT of the forearm in children. Azouz EM. **J Can Assoc Radiol** 1984 Dec;35(4):388-9

SURGERY

Late surgical decompression for compartment syndrome of the forearm. Geary N. **J Bone Joint Surg [Br]** 1984 Nov; 66(5):745-8

A simple method of simultaneously administering intravenous fluids in the forearm with bilateral upper extremity tourniquets. Patel MR, et al. **J Hand Surg [Am]** 1985 Mar; 10(2):309

The osteocutaneous pedicle forearm flap. Matev I. **J Hand Surg [Br]** 1985 Jun;10(2):179-82

Experience with the radial forearm flap in 14 cases. Matthews RN, et al. **Scand J Plast Reconstr Surg** 1984;18(3):303-10

[Free toe transfer to the forearm stump following wrist amputation--a current alternative to the Krukenberg operation] Vilkki SK. **Handchir Mikrochir Plast Chir** 1985 Mar;17(2):92-7 (Eng. Abstr.) **(Ger)**

[Replantation of the forearm] Reigstad A, et al. **Tidsskr Nor Laegeforen** 1985 Apr 20;105(11):731-4 (Eng. Abstr.) **(Nor)**

FOREARM INJURIES

Pattern of forearm fractures in children. Tredwell SJ, et al. **J Pediatr Orthop** 1984 Sep;4(5):604-8

COMPLICATIONS

The importance of the deep volar compartment in crush injuries of the forearm. Allen MJ, et al. **Injury** 1985 Jan; 16(4):273-5

Crepitation simulating gas gangrene. A case report. Friedman RJ, et al. **J Bone Joint Surg [Am]** 1985 Apr;67(4):646-7

Traumatic dorsal dislocation of the triquetrum: a case report. Bieber EJ, et al. **J Hand Surg [Am]** 1984 Nov;9(6):840-2

Compartment syndrome caused by a traumatized vascular hamartoma. Joseph FR, et al. **J Hand Surg [Am]** 1984 Nov; 9(6):904-7

Chronic exertional compartment syndrome of the forearm: a case report. Kutz JE, et al. **J Hand Surg [Am]** 1985 Mar; 10(2):302-4

ETIOLOGY

[Multiple chondromas--healing following a pathological fracture] Döhler JR. **ROFO** 1984 Dec;141(6):716-7 **(Ger)**

OCCURRENCE

Increasing incidence of forearm fractures. A comparison of epidemiologic patterns 25 years apart. Bengnér U, et al. **Acta Orthop Scand** 1985 Apr;56(2):158-60

Fractures of the distal forearm in the Helsinki district. Kaukonen JP. **Ann Chir Gynaecol** 1985;74(1):19-21

PATHOLOGY

[Post-traumatic plastic deformity of the forearm. Report of a new case] Pellacci F. **Chir Organi Mov** 1984;69(2):205-8 (Eng. Abstr.) **(Ita)**

[2 cases of severe complication of forearm bone dislocation] Rodov AP. **Ortop Travmatol Protez** 1984 Sep;(9):46-7 **(Rus)**

[Rupture of the brachial artery in dislocation of the forearm in a multiple injury victim with shock] Veselov VS, et al. **Vestn Khir** 1984 Sep;133(9):101-2 **(Rus)**

REHABILITATION

[Rehabilitation of the distal joints of the upper limbs in traumatology] Kohler R. **Rev Med Suisse Romande** 1984 Dec;104(12):1021-5 **(Fre)**

SURGERY

Safe and effective IV regional anesthesia for use in the emergency department. Farrell RG, et al. **Ann Emerg Med** 1985 Apr;14(4):288-92

Thermal-crush injuries of the hands and forearms: an analysis of 60 cases. Wang XW, et al. **Burns Incl Therm Inj** 1985 Apr;11(4):264-8

Early vascular grafting to prevent upper extremity necrosis after electrical burns. Indications for surgery. Wang XW, et al. **Chin Med J [Engl]** 1985 Feb;98(2):129-34

Refracture of bones of the forearm after plate removal. Hidaka S, et al. **J Bone Joint Surg [Am]** 1984 Oct; 66(8):1241-3

Microvascular reconstruction for close-range gunshot injuries to the distal forearm. Salibian AH, et al. **J Hand Surg [Am]** 1984 Nov;9(6):799-804

The radial forearm island flap in upper limb reconstruction. Fatah MF, et al. **J Hand Surg [Br]** 1984 Oct;9(3):234-8

Closing intramedullary nailing for the treatment of diaphyseal forearm fractures in adolescence: a preliminary report. Amit Y, et al. **J Pediatr Orthop** 1985 Mar-Apr;5(2):143-6

[Replantation of severed fingers to the forearm stump for reconstruction of partial hand function] Cheng GL. **Chung Hua Wai Ko Tsa Chih** 1984 Apr;22(4):195-8 (Eng. Abstr.) **(Chi)**

[Tendinous reconstruction with inguinal flaps] Meriaux JL, et al. **Chirurgie** 1983;109(9):742-8 (Eng. Abstr.) **(Fre)**

[Indications for free groin flap-plasty in severe forearm injury (case report)] Butz PC. **Handchir Mikrochir Plast Chir** 1985 Jan;17(1):35-7 (Eng. Abstr.) **(Ger)**

[Incidence and significance of epiphyseal and para-epiphyseal injuries in replantations in the area of the upper extremity in children] Donski PK, et al. **Handchir Mikrochir Plast Chir** 1984 Sep;16(3):196-200 (Eng. Abstr.) **(Ger)**

[Scapular free graft] Gulyás G, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1984; 27(4):279-82 (Eng. Abstr.) **(Hun)**

[Musculo-cutaneous free graft, using the latissimus dorsi muscle, in substitution of soft tissue and for improvement of blood circulation in the forearm] Simonka JA, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985; 28(3):211-5 (Eng. Abstr.) **(Hun)**

[Free functional musculocutaneous transfer--electrophysiological and neuropathological studies] Ugawa Y, et al. **Rinsho Shinkeigaku** 1985 Jan; 25(1):58-64 (Eng. Abstr.) **(Jpn)**

THERAPY

Safe and effective IV regional anesthesia for use in the emergency department. Farrell RG, et al. **Ann Emerg Med** 1985 Mar;14(3):239-43

FORECASTING

Dead reckoning for Alabama medicine. Conner SL. **Ala Med** 1985 Mar;54(9):5-6, 49

Health policy in 1985 and beyond. Roper WL. **Ala Med** 1985 Jul;55(1):11-5

Marketing and distribution of pharmaceuticals in the 21st century: two scenarios. Hoff LC. **Am Pharm** 1985 Mar; NS25(3):70-6

Changing to keep nursing from the brink of extinction. McWilliams RM. **AORN J** 1984 Oct;40(4):502-5

The future of geriatrics. Papper S, et al. **Arch Intern Med** 1984 Nov;144(11):2241-2

Hearing aids: future prospects. **ASHA** 1985 Jul;27(7):29-32

Australia's hospital population by the year 2011. McGlashan ND. **Aust Fam Physician** 1985 Jul;14(7):702-3

Radiology of the future in developing countries. Middlemiss H. **Br J Radiol** 1984 Sep;57(682):852-3

Future American medical practice: less respect, less freedom? Korcok M. **Can Med Assoc J** 1984 Oct 15;131(8):926-31

Medical education: limping toward the 21st century. Waugh D. **Can Med Assoc J** 1985 Jul 1;133(1):56-7

Whither diagnostic and interventional angiography--1984? Myler RK. **Cathet Cardiovasc Diagn** 1984;10(3):211

Some strategies for tackling the problems of senile dementia and related disorders within the next decade. Roth M. **Dan Med Bull** 1985 Feb;32 Suppl 1:92-111

The medical supermarket: futuristic or decadent? Stephens GG. **Del Med J** 1985 Mar;57(3):189-90

An assessment of the accuracy of a regional economic-demographic projection model. Murdock SH, et al. **Demography** 1984 Aug;21(3):383-404

World population, the present and the future. Loraine JA. **Fam Pract** 1984 Jun;1(2):122-32

The World Health Organization and the year 2000 [editorial] Reid JJ. **Fam Pract** 1985 Jun;2(2):57-60

Inflation and the real income of the elderly: recent evidence and expectations for the future. Clark RL, et al. **Gerontologist** 1985 Apr;25(2):146-52

Dentistry in the future. **J Am Dent Assoc** 1985;Spec No:68-70, 73

Postmarketing surveillance: statistics and augury. Johnson AF. **J Chronic Dis** 1984;37(12):949-52

Use and application of structural models in dental education research. Potter RH, et al. **J Dent Educ** 1985 Mar; 49(3):145-53

The future of medicine. Duhon D. **J La State Med Soc** 1984 Nov;136(11):21

A sense of the future [editorial] Underwood CR. **J Med Assoc Ga** 1985 Jul;74(7):514-6

1984 and beyond. The C.O. Sappington memorial lecture. Wright CC. **J Occup Med** 1984 Dec;26(12):869-76

Physician manpower production critique. State of Oklahoma. Council on Medical Education of the Oklahoma State Medical Association. **J Okla State Med Assoc** 1985 Jun; 78(6):191-4

Estimated physician manpower requirements for Oklahoma in 1990. Duffy FD, et al. **J Okla State Med Assoc** 1985 Jun;78(6):183-90

The physician assistant profession: current status and future trends. Cawley JF. **J Public Health Policy** 1985 Mar; 6(1):78-99

Geriatrics: the new challenge. Corrigan MC, et al. **Kans Med** 1985 Jun;86(6):193-5, 201

Infant survival: 1915-1985 & beyond. Schloesser PT, et al. **Kans Med** 1985 Jun;86(6):187-90, 198

Prognostic uncertainty in terminal care: can the Karnofsky index help? Evans C, et al. **Lancet** 1985 May 25; 1(8439):1204-6

Health for all by the year 2000 [letter] Gale AE. **Med J Aust** 1985 Jul 22;143(2):89-90

Dreading the millennium. Smith R. **Med J Aust** 1984 Dec 8-22;141(12-13):821-2

A look into the future for hospitals and physicians. Dauner CD. **Mo Med** 1985 Apr;82(4):195-7

The development, justification and future of a community hospital internal medicine training program. Werk EE Jr. **NC Med J** 1984 Oct;45(10):630-1

Forecasting for nursing policy: a news-based image approach. Kalisch BJ, et al. **Nurs Res** 1985 Jan-Feb; 34(1):44-9

Do eye hospitals have a role in our future? Friedman E, et al. **Ophthalmology** 1985 Jul;92(7):981-3

Different rewards await future physicians. Schwartz H. **Pa Med** 1985 Apr;88(4):39, 43

Medicine of the future. Craige E. **Pharos** 1985 Winter; 48(1):31-2

Past and present. Linenthal AJ. **Pharos** 1985 Spring;48(2):43

The face of general practice in the year 2005. Drury VW. **Practitioner** 1984 Dec;228(1398):1109, 1111

Challenges facing psychiatry in the eighties. Pardes H. **Psychiatr J Univ Ottawa** 1984 Dec;9(4):155-9

Next steps for the elderly deinstitutionalized patient. Fry WR. **Psychiatr Q** 1983 Summer-Fall;55(2-3):215-24

Psychopharmacology tomorrow: 1984 or The Little Prince? Giurgea CE. **Psychol Med** 1984 Aug;14(3):491-6

The American health care industry: where we've been, where we're going. Schroeder LE, et al. **SD J Med** 1985 Mar; 38(3):25-8

The psychiatrist in the 1980s. Societal pressures and coping strategies. Edelman SE. **Soc Psychiatry** 1985;20(1):17-21

Supply projections as planning: a critical review of forecasting net physician requirements in Canada. Lomas J, et al. **Soc Sci Med** 1985;20(4):411-24

The use of computers in ophthalmology: an exercise in futurology. Arden GB. **Trans Ophthalmol Soc UK** 1985;104 (Pt 1):88-99

Health projections. Introduction. Dowd JE, et al. **World Health Stat Q** 1984;37(3):234-9 **(Eng, Fre)**

Strategies and techniques for the implementation of health manpower and other health projections: the case of Hungary. Forgacs I. **World Health Stat Q** 1984; 37(3):256-70 **(Eng, Fre)**

Intersectoral aspects of mortality projections in developing countries. Ruzicka LT. **World Health Stat Q** 1984; 37(3):281-93 **(Eng, Fre)**

[Challenges of the future in pharmacology] Petkov V. **Eksp Med Morfol** 1985;24(1):1-7 **(Bul)**

[Heart surgery in the Netherlands: a 5-year plan] Dunning AJ. **Ned Tijdschr Geneeskd** 1984 Oct 6;128(40):1910-2 (Eng. Abstr.) **(Dut)**

[Strategy in health for all by the year 2000] Rumeau-Rouquette C. **Rev Epidemiol Sante Publique** 1985; 33(1):69-70 **(Fre)**

[Surgical perspectives--historical and current aspects] Schreiber HW. **Geburtshilfe Frauenheilkd** 1984 Dec; 44(12):824-6 **(Ger)**

[Video-endoscopy without fiber optics--the future?] Hagenmüller F, et al. **Internist (Berlin)** 1985 Jan;26(1):29-31 **(Ger)**

[Future development of bronchial cancer mortality in West Germany] Abel U. **Off Gesundheitswes** 1985 Jan;47(1):1-5 **(Ger)**

[Prediction of the incidence of suicide in West Germany] Häfner H, et al. **Off Gesundheitswes** 1985 May;47(5):205-9 **(Ger)**

[Views on the outlook for radiotherapy to the year 2000 (with special reference to the GDR)] Eichhorn HJ. **Radiobiol Radiother (Berl)** 1984;25(5):643-9 (Eng. Abstr.) **(Ger)**

METHODS

The projection of chronic diseases using data on risk factors and risk factors intervention: the case of cancer. Hakama M, et al. **World Health Stat Q** 1984;37(3):318-27 **(Eng, Fre)**

A model for health projections using knowledgeable informants. Levine A. **World Health Stat Q** 1984; 37(3):306-17 **(Eng, Fre)**

Methods and issues in the projection of population health status. Manton KG. **World Health Stat Q** 1984; 37(3):294-305 **(Eng, Fre)**

FOREHEAD

SURGERY

Augmentation of temporal area by insertion of silicone plate under the temporal fascia. Watanabe K, et al. **Ann Plast Surg** 1984 Oct;13(4):309-19

The crane principle revisited: application in the reconstruction of compound frontal defects. Wolfe SA. **Ann Plast Surg** 1984 Oct;13(4):327-34

The forehead lift. A review. Adamson PA, et al. **Arch Otolaryngol** 1985 May;111(5):325-9

Refinements of the subcutaneous pedicle flap for closure of forehead and scalp defects. Hallock GG, et al. **Plast Reconstr Surg** 1985 Jun;75(6):903-5

Eversion of frown lines. Hamilton JM. **Plast Reconstr Surg** 1985 Mar;75(3):426-7

FOREIGN BODIES

Nonsurgical removal of intravascular fragmented catheter. Huang TY, et al. **Am Fam Physician** 1984 Nov;30(5):177-80

The relationship of ingested iron to the absorption of mercuric oxide. Barber TE, et al. **Am J Emerg Med** 1984 Nov;2(6):500-3

Exogenous protein as the cause of nephrotic-range proteinuria. Mitas JA 2d. **Am J Med** 1985 Jul;79(1):115-8

Foreign bodies of the esophagus. Chaikhouni A, et al. **Am Surg** 1985 Apr;51(4):173-9

Iatrogenic airway foreign body [letter] Hard C, et al. **Anesthesiology** 1984 Dec;61(6):786

Aspiration of a nasal airway: a case report and principles of management. Hayes JD, et al. **Anesthesiology** 1985 Apr; 62(4):534-5

The one that got away: misplaced esophageal stethoscope. Kugler J, et al. **Anesthesiology** 1985 May;62(5):643-5

Iatrogenic central retinal artery embolization: a complication of cardiac catheterization. Hallermann D, et al. **Ann Ophthalmol** 1984 Nov;16(11):1025-7

Sterilization by composite rubber clip [letter] Ashton PW. **Aust NZ J Obstet Gynaecol** 1985 Feb;25(1):78

Functionless retained pacing leads in the cardiovascular system. A complication of pacemaker treatment. Zerbe F, et al. **Br Heart J** 1985 Jul;54(1):76-9

Problems with rectal foreign bodies [letter] Pattison CW, et al. **Br J Surg** 1985 Aug;7(8):673

Impaction of a foreign body in the palate [letter] Glenville BE, et al. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1381

Impaction of a foreign body in the palate. Raine PA, et al. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):879-80

Migration of a dissected peritoneal shunt catheter into the scrotum. Fuwa I, et al. **Brain Dev** 1984;6(3):336-8

Esophageal duplication cyst containing a foreign body. Stringel G, et al. **Can Med Assoc J** 1985 Mar 1; 132(5):529-31

Ingestions considered nontoxic. Mofenson HC, et al. **Clin Lab Med** 1984 Sep;4(3):587-602

Transluminal extraction of a catheter fragment from the aortic arch. Repetto S, et al. **G Ital Cardiol** 1985 Jan; 15(1):117-8

Spontaneous expulsion of an inhaled pin. Beg MH, et al. **Indian J Chest Dis Allied Sci** 1984 Apr-Jun;26(2):130-2

Radiolucent plastic in gunshot wounds. Beverly MC, et al. **Injury** 1985 Jul;16(7):461-3

Colonoscopic removal of a 'pop-up meat thermometer' from the sigmoid colon [letter] Norfleet RG, et al. **J Clin Gastroenterol** 1984 Oct;6(5):477-8

Tracheostomy tube fatigue. An unusual cause of inhaled foreign body. Bowdler DA, et al. **J Laryngol Otol** 1985 May;99(5):517-21

Aetiological evaluation of foreign bodies in the ear and nose. Das SK. **J Laryngol Otol** 1984 Oct;98(10):989-91

Button battery ingestion: assessment of therapeutic modalities and battery discharge state. Litovitz T, et al. **J Pediatr** 1984 Dec;105(6):868-73

Magnetic removal of alkaline batteries from the stomach. Ito Y, et al. **J Pediatr Surg** 1985 Jun;20(3):250-1

Foreign bodies in the bronchi (a 10 year review of 132 cases). Merchant SN, et al. **J Postgrad Med** 1984 Oct;30(4):219-23

Foreign bodies in the cricopharyngeal region and oesophagus (a review of 226 cases). Nayak SR, et al. **J Postgrad Med** 1984 Oct;30(4):214-8

Foreign body sensation in the throat [letter] **J R Soc Med** 1985 Aug;78(8):696-7

Foreign body airway obstruction in Nigerian children. Anyanwu CH. **J Trop Pediatr** 1985 Jun;31(3):170-3

Complications during insertion of narrow-bore feeding tubes [letter] **JAMA** 1985 Jul 5;254(1):54-5

Complications of nasoenteric tubes [letter] **JAMA** 1985 Jul 5;254(1):54

Foreign body rectum. A case report. Saleemi S, et al. **JPMA** 1985 Jun;35(6):195-6

Spallation of dialysis materials--problems and perspectives. Bommer J, et al. **Nephron** 1985;39(4):285-9 (48 ref.)

Evidence for macrophage activation in dialysis patients exposed to silicone filing. Bommer J, et al. **Nephron** 1985; 39(4):395-7

Transdiaphragmatic migration of a ventriculoperitoneal catheter. Lourie H, et al. **Neurosurgery** 1985 Aug; 17(2):324-6

Sea urchin spine synovitis [letter] McHugh NJ, et al. **NZ Med J** 1984 Oct 10;97(765):700

Controlled endoscopic retrieval of ectopic ureteral catheters using fluoroscopic guidance. Hezmall HP, et al. **Urology** 1985 Jun;25(6):613-5

[Chronic foreign bodies in the esophagus in children] Bednaříková L, et al. **Cesk Otolaryngol** 1985 Mar;34(2):96-9 (Eng. Abstr.) (Cze)

[Symptomatology of foreign bodies in the trachea] Pellant A, et al. **Cesk Otolaryngol** 1985 Jan;34(1):31-4 (Eng. Abstr.) (Cze)

[Personal experience with the aspiration of foreign bodies in children] Rous J, et al. **Cesk Otolaryngol** 1984 Jun; 33(3):163-72 (Eng. Abstr.) (Cze)

[An iatrogenic cause of a foreign body in the blood circulation] Hladík M, et al. **Cesk Pediatr** 1985 May; 40(5):302-3 (Cze)

[Injury of the colorectal junction by a foreign body] Ziman P, et al. **Rozhl Chir** 1984 Oct;63(10):666-70 (Eng. Abstr.) (Cze)

[Rare complication of tracheotomy. Rupture of the cannula] Garcia-Tornel S, et al. **Cah Anesthesiol** 1985 Mar;33(2):173 (Fre)

[Unusual complication of peritoneovenous shunt (letter)] Yandza T, et al. **Gastroenterol Clin Biol** 1984 Oct;8(10):767 (Fre)

[A rare complication of ventriculo-peritoneal shunt: intracranial migration of the derivative system] Drigo P, et al. **Pediatr Med Chir** 1983 Nov-Dec;5(6):623-4 (Eng. Abstr.) (Ita)

[Rare case of foreign body of the appendix] Bychenkov VP, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):137-8 (Rus)

[Surgical suture material as a cause of complications following surgery on the stomach and duodenum] Struzhko KG, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):108-10 (Rus)

[Unusual foreign body of the maxillary sinus] Mukhitdinov ShM. **Vestn Otorinolaringol** 1984 Nov-Dec;(6):87 (Rus)

[Structural changes in the walls of blood vessels after embolization with a metal spiral in order to reduce blood flow] Sokolov IuN, et al. **Vrach Delo** 1984 Dec;(12):18-22 (Eng. Abstr.) (Rus)

[Foreign bodies in the gastrointestinal tract in children] Macek M, et al. **Cesk Pediatr** 1984 Oct;39(10):573-5 (Eng. Abstr.) (Slo)

[Lengthy persistence of a ureteral catheter in the excretory tract] Camacho González JE, et al. **Arch Esp Urol** 1985 Mar-Apr;38(2):205-8 (Eng. Abstr.) (Spa)

[Obstruction of the superior and inferior vena cava by a foreign body (letter)] Tiberio López G, et al. **Med Clin (Barc)** 1985 Mar 23;84(11):460-1 (Spa)

[Migration of the endocavitary electrodes of permanent pacemakers. Apropos of a case] Silvestre J, et al. **Rev Esp Cardiol** 1985 May-Jun;38(3):224-5 (Eng. Abstr.) (Spa)

[Migration to the duodenum of a prosthesis used for a mesenterico-caval shunt] del Rey Sanz R, et al. **Rev Esp Enferm Apar Dig** 1985 Jun;67(6):557-60 (Eng. Abstr.) (Spa)

COMPLICATIONS

Foreign bodies in the mediastinum perforating the oesophagus. Dernevik L, et al. **Acta Chir Scand** 1984; 150(7):589-92

Retained surgical sponges and intra-abdominal abscesses. Drucker EA, et al. **Am Fam Physician** 1984 Nov; 30(5):125-6

Dura mater valve endocarditis related to retained fragment of postoperative temporary epicardial pacemaker lead. Mansur AJ, et al. **Am Heart J** 1984 Oct;108(4 Pt 1):1049-52

Esophageal burns from battery ingestion [letter] Langkau JF, et al. **Am J Emerg Med** 1985 May;3(3):265

Intestinal obstruction caused by ingestion of a Heidelberg capsule: report of a case. Faegenburg D, et al. **Am J Gastroenterol** 1985 Oct;80(10):787-9

The development of asthma after tracheobronchial aspiration of a foreign body. Twiggs JT, et al. **Ann Allergy** 1984 Nov; 53(5):407-9

Fatal aspiration pneumonia caused by an esophageal foreign body. Mittelman M, et al. **Ann Emerg Med** 1985 Apr; 14(4):365-7

False aneurysm of the aorta secondary to an esophageal foreign body. Bullaboy CA, et al. **Ann Thorac Surg** 1985 Mar;39(3):275-6

Association of splinters with chromomycosis and phaeomycotic cyst [letter] Connor DH, et al. **Arch Dermatol** 1985 Feb;121(2):168

Peanut shell colitis. Keeffe EB, et al. **Arch Intern Med** 1985 Jul;145(7):1314-5

'An unexpected cause of halitosis' [letter] Lovewell R. **Br Dent J** 1984 Dec 8;157(11):384

Foreign body urethral calculus 9 years after traumatic perforation of the rectum. Ahmed S, et al. **Br J Urol** 1985 Jun;57(3):359

Unusual complication of foreign body in the bladder. Kaczmarek A. **Br J Urol** 1985 Feb;57(1):106

Inhaled foreign body causing swelling of the neck. Jaswon MS, et al. **Br Med J [Clin Res]** 1984 Dec 22-29; 289(6460):1742

Sciatic neuropathy secondary to migration of trochanteric wire following total hip arthroplasty. Asnis SE, et al. **Clin Orthop** 1985 Jun;(196):226-8

Perforation of the colon by ingested chicken bone, leading to diagnosis of carcinoma of the sigmoid. Osler T, et al. **Dis Colon Rectum** 1985 Mar;28(3):177-9

Intrauterine bone contraceptive device: an accident of nature. Dajani YF, et al. **Fertil Steril** 1985 Jan;43(1):149-50

Picking up the tab: obstruction of the gastrointestinal tract by plastic bread bag clips [letter] McKaigney J, et al. **Gastrointest Endosc** 1985 Apr;31(2):112-3

Pathogenesis and management of Staphylococcus epidermidis 'plastic' foreign body infections. Peters G, et al. **J Antimicrob Chemother** 1984 Dec;14 Suppl D:67-71

Vascular injury from intrapelvic migration of a threaded pin. A case report. Posman CL, et al. **J Bone Joint Surg [Am]** 1985 Jun;67(5):804-6

Delayed median nerve injury due to retained glass fragments. A report of two cases. Browett JP, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):382-4

Embedded foreign bodies presenting as earlobe keloids. Saleeby ER, et al. **J Dermatol Surg Oncol** 1984 Nov; 10(11):902-4

Foreign bodies and dementia. Robinson AC, et al. **J Laryngol Otol** 1985 Jun;99(6):609-10

Experimental foreign body infection in mice by Staphylococcus epidermidis. Gaikwad S, et al. **J Postgrad Med** 1984 Oct;30(4):229-31

Stenosis and fistulae with neglected vaginal foreign bodies. A case report. Stumpf PG. **J Reprod Med** 1985 Jul; 30(7):559-60

Foreign-body tumorigenesis in rats by various kinds of plastics--induction of malignant fibrous histiocytomas. Maekawa A, et al. **J Toxicol Sci** 1984 Aug;9(3):263-72

Thrombophlebitis following a bullet embolus to the popliteal vein. Mullins RJ, et al. **J Trauma** 1985 Mar;25(3):266-8

Small-bowel obstruction caused by intraluminal migration of prosthetic grafts. Jarrett F, et al. **J Vasc Surg** 1985 May; 2(3):477-9

Renal failure after embolization of a prosthetic mitral valve disc and review of systemic disc embolization. Schwarcz TH, et al. **J Vasc Surg** 1985 Sep;2(5):697-702

Delayed laceration of ulnar nerve following hand trauma. Craig EV. **JAMA** 1985 Feb 15;253(7):1014

Tracheostomy tube fracture: an unusual etiology of upper respiratory airway obstruction. Otto RA, et al. **Laryngoscope** 1985 Aug;95(8):980-1

Management of perforations of the hypopharynx and cervical esophagus. Shockley WW, et al. **Laryngoscope** 1985 Aug; 95(8):939-41

Sea urchin spine synovitis [letter] McHugh NJ, et al. **NZ Med J** 1984 Oct 10;97(765):700

Sigmoid colon perforation: result of accidental swallowing of a toothpick. Kaufman E, et al. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):535-6

Twiddler's syndrome: a new twist. Veltri EP, et al. **PACE** 1984 Nov;7(6 Pt 1):1004-9

Central nervous system nocardiosis associated with a traumatic polymicrobial brain abscess. Stallworth JR, et al. **Pediatr Infect Dis** 1985 Jul-Aug;4(4):411-3

Balloons as a cause of suffocation [letter] Brook I. **Pediatrics** 1985 Mar;75(3):615-6

Battery ingestions: product accessibility and clinical course. Litovitz TL. **Pediatrics** 1985 Mar;75(3):469-76

An unusual complication of stenosis of a colostomy. Haiart DC. **Postgrad Med J** 1985 Jun;61(716):549-50

Bullet colic. Levine RS, et al. **Urol Radiol** 1985;7(1):16-8

[Lead poisoning from shot and bullets] Lindgreen LB. **Ugeskr Laeger** 1984 Oct 29;146(44):3360-2 (Eng. Abstr.) (Dan)

[Persistent foreign body of the small intestine] Sørensen SM, et al. **Ugeskr Laeger** 1985 Jun 17;147(25):2002 (Eng. Abstr.) (Dan)

[Lumbosciatic pain caused by metal wire: a late complication of posterior cervical cerclage] Lesoin F, et al. **Ann Chir** 1985 Apr;39(3):190 (Fre)

[Accidental ingestion of a battery] Steib A, et al. **Ann Fr Anesth Reanim** 1984;3(5):385-7 (Eng. Abstr.) (Fre)

[Rhinolithiasis--with special reference to minerology] Rasinger GA, et al. **HNO** 1985 Feb;33(2):65-9 (Eng. Abstr.) (Ger)

[Unrecognized foreign body aspiration as the cause of middle lobe syndrome] Germann EJ, et al. **ROFO** 1984 Dec; 141(6):711-3 (Ger)

[Unusual foreign body causing ileus of the small intestine] Furucz E, et al. **Orv Hetil** 1985 Jun 16;126(24):1483-4 (Eng. Abstr.) (Hun)

[Unusual location of an intrauterine contraceptive device] Wawryk R, et al. **Ginekol Pol** 1984 Jul;55(7):535-7 (Eng. Abstr.) (Pol)

[Barium sulfate as a foreign body in the bronchial tree in newborn infants] Grzegorowski M, et al. **Pol Tyg Lek** 1984 May 28;39(22):747-9 (Eng. Abstr.) (Pol)

[Foreign body in the mesenteric root after blunt abdominal injury] Kordacki J, et al. **Wiad Lek** 1984 Nov 15; 37(22):1798-801 (Eng. Abstr.) (Pol)

[Mediastinitis caused by a foreign body (letter)] Irony I, et al. **Rev Paul Med** 1984 Nov-Dec;102(6):283-4 (Por)

[Open pneumothorax, rupture of the diaphragm and liver by a foreign body] Egiazarian VF, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):129 (Rus)

[Perforation of Meckel's diverticulum with a pine needle] Gradusov EG, et al. **Pediatriia** 1984 Dec;(12):64 (Rus)

[Aspiration of choanal polyps] Zinger KK, et al. **Vestn Otorinolaringol** 1985 Mar-Apr;(2):69 (Rus)

[Possible risks in the ingestion of batteries] Labay Matías MV, et al. **An Esp Pediatr** 1985 Feb;22(2):171-2 (Spa)

[Intestinal perforation caused by a fish bone] Cia G, et al. **Rev Esp Enferm Apar Dig** 1985 Feb;67(2):199-201 (Eng. Abstr.) (Spa)

[Socioeconomic repercussions of ocular injuries due to foreign bodies] Fernández Aguilar JC. **Salud Publica Mex** 1985 Jan-Feb;27(1):66-70 (Eng. Abstr.) (Spa)

DIAGNOSIS

Foreign body in the small intestine diagnosed as coeliac disease. Nøkleby HM, et al. **Acta Paediatr Scand** 1985 Jul; 74(4):609-10

Two-dimensional echocardiographic demonstration of multiple needles in the heart. Hsiung MC, et al. **Am J Cardiol** 1985 Apr 15;55(9):1245

Probability of vaginal foreign body in girls with genital complaints. Paradise JE, et al. **Am J Dis Child** 1985 May; 139(5):472-6

Inhaled non-radio-opaque foreign bodies [letter] Goel KM. **Arch Dis Child** 1985 Mar;60(3):289

'I have a bone stuck in my throat' [letter] **Br Med J [Clin Res]** 1984 Sep 22;289(6447):761-2

Impacted dentures mimicking brain stem stroke in a conscious patient. Valori RM, et al. **Br Med J [Clin Res]** 1985 May 11;290(6479):1413-4

Delayed shotgun pellet migration to the right ventricle. Levi B, et al. **Clin Cardiol** 1985 Jun;8(6):367–71

Diagnosis and management of mediastinal migration of central venous pressure catheters. Moorthy SS, et al. **Heart Lung** 1985 Jan;14(1):80–3

Unusual body odour due to a nasal foreign body in a child. Eun HC, et al. **J Dermatol (Tokyo)** 1984 Oct;11(5):501–3

Case report: an unusual occult bronchial foreign body. Halpern EB, et al. **J Med Soc NJ** 1985 May;82(5):393–4

The diagnosis of foreign body aspiration in childhood. Wiseman NE. **J Pediatr Surg** 1984 Oct;19(5):531–5

Flexible fiberoptic bronchoscopy in the management of tracheobronchial foreign bodies in children: the value of a combined approach with open tube bronchoscopy. Wood RE, et al. **J Pediatr Surg** 1984 Dec;19(6):693–8

Foreign body sensation in the throat [letter] Sharma PD. **J R Soc Med** 1985 Apr;78(4):348

Ultrasonic detection of an intraabdominal foreign body. Chau WK, et al. **JCU** 1985 Feb;13(2):130–1

A unique laryngeal foreign body. Jan A. **JPMA** 1985 Mar; 35(3):99

Inquiry into the outbreak of Legionnaire's disease. **Lancet** 1985 May 18;1(8438):1169–70

Rapid in vivo localization of a lost brachytherapy seed. Woolfenden JM, et al. **Med Phys** 1984 Jul–Aug;11(4):558–9

Crab lung [letter] Chabalko JJ, et al. **N Engl J Med** 1984 Dec 27;311(26):1703

Straw lung [letter] Kraus VB, et al. **N Engl J Med** 1985 Apr 4;312(14):924

Self-inflicted foreign bodies involving lower urinary tract and male genitals. Aliabadi H, et al. **Urology** 1985 Jul; 26(1):12–6

[Forgotten surgical swabs demonstrated by ultrasonic scanning] Siem–Jørgensen P, et al. **Ugeskr Laeger** 1985 Mar 4;147(10):881–2 (Eng. Abstr.) **(Dan)**

[An unrecognized intraorbital foreign body] Hullo A, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1333–4 **(Fre)**

[Tracheobronchial foreign bodies] Ayoub A, et al. **Tunis Med** 1984 Jan–Feb;62(1):61–6 (Eng. Abstr.) **(Fre)**

[Detection of an intramuscular wood fragment using sonography] Weiss H, et al. **ROFO** 1985 Jun;142(6):696 **(Ger)**

[Sonographic detection of a wood splinter in the small intestine––a case report] Czermak H, et al. **Ultraschall Med** 1984 Aug;5(4):164–6 (Eng. Abstr.) **(Ger)**

[Diagnostic and therapeutic consequences in suspected esophageal and airway foreign bodies] Reintanz G, et al. **Z Arztl Fortbild (Jena)** 1985;79(2):73–5 **(Ger)**

[A case of intrapulmonary foreign body manifested 20 years after closed mitral commissurotomy] Fujimoto J, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):652–5 (Eng. Abstr.) **(Jpn)**

[Foreign body of the submandibular gland] Kukwa A, et al. **Otolaryngol Pol** 1984;38(3):257–60 (Eng. Abstr.) **(Pol)**

[Foreign bodies in the ultrasonographic image] Borzycka B, et al. **Wiad Lek** 1984 May 15;37(10):745–7 (Eng. Abstr.) **(Pol)**

[Long–term presence of an esophageal foreign body in a small child] Grzegorowski M, et al. **Wiad Lek** 1985 Mar 1; 38(5):389–91 (Eng. Abstr.) **(Pol)**

[Peculiar case of a foreign body in the digestive tract] Stoiński M. **Wiad Lek** 1984 May 1;37(9):684–5 (Eng. Abstr.) **(Pol)**

[Bronchial foreign body simulating bronchogenic cancer] Shabak–Spasskiĭ PS, et al. **Klin Med (Mosk)** 1984 Oct; 62(10):125–6 **(Rus)**

[Acute cerebrovascular disorder simulating a foreign body in the throat] Chumakov FI, et al. **Vestn Otorinolaringol** 1985 May–Jun;(3):85–6 **(Rus)**

[Detection by analysis of dispersion of x–ray energy of silicone particles in the liver of a patient in a dialysis program] Estruch R, et al. **Med Clin (Barc)** 1985 Jun 1; 85(1):25–7 (Eng. Abstr.) **(Spa)**

DIET THERAPY

[Ingestion of button–batteries by children: the conservative approach] Shoshany G, et al. **Harefuah** 1985 Feb 15; 108(4):183–5 (Eng. Abstr.) **(Heb)**

DRUG THERAPY

[Glucagon and impacted food in the esophagus] Smith-Sivertsen C, et al. **Ugeskr Laeger** 1985 Jun 3; 147(23):1855 (Eng. Abstr.) **(Dan)**

ETIOLOGY

Ectopic ladybird [letter] Broadway ES. **Br Dent J** 1985 May 25;158(10):357

An unusual complication of self-administered treatment for haemorrhoids. Driscoll PA, et al. **Br J Clin Pract** 1984 Sep;38(9):327–8

Aspiration of foreign bodies during dental procedures. ElBadrawy HE. **Can Dent Assoc J** 1985 Feb;51(2):145–7

Abnormal location of a missing copper 7 intrauterine contraceptive device. Okunna EN, et al. **East Afr Med J** 1984 Aug;61(8):645–7

A fishy foreign body. George TK. **Injury** 1985 Mar; 16(5):341–2

Percutaneous treatment of small bowel obstruction due to a gastrostomy tube. Handler E, et al. **J Can Assoc Radiol** 1984 Dec;35(4):401–3

A rare accident during extubation. Sajjan R, et al. **J Indian Med Assoc** 1985 Jan;83(1):23

Missing tooth. Leinback TE. **Oral Surg Oral Med Oral Pathol** 1985 Mar;59(3):319

Open wide please. Straley J. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):548

[New models of the dangers of tracheo–bronchial foreign bodies] Paaske PB, et al. **Ugeskr Laeger** 1984 Dec 31; 147(1):27–8 (Eng. Abstr.) **(Dan)**

[Aspiration in operative interventions] Selle G. **Fortschr Kiefer Gesichtschir** 1985;30:26–8 **(Ger)**

[Artificial penile nodules (tancho nodules) in Southeast Asian men] Bork K, et al. **Hautarzt** 1985 Jun;36(6):354–5 (Eng. Abstr.) **(Ger)**

[Procedure in suspected iatrogenic damage of questionable civil rights relevance] Töppich E, et al. **Z Arztl Fortbild (Jena)** 1985;79(13):583–5 **(Ger)**

[Surgical tactics in gunshot foreign bodies of long duration in the lungs] Muromskiĭ IuA, et al. **Khirurgiia (Mosk)** 1985 May;(5):85–9 (Eng. Abstr.) **(Rus)**

[Bronchial foreign body in a patient with a history of laryngectomy] Svirskiĭ RP, et al. **Vestn Otorinolaringol** 1985 Jan–Feb;(1):73 **(Rus)**

MICROBIOLOGY

Foreign body infection: role of fibronectin as a ligand for the adherence of Staphylococcus aureus. Vaudaux P, et al. **J Infect Dis** 1984 Oct;150(4):546–53

OCCURRENCE

[Statistic study of 1,272 cases of foreign bodies in the bladder or urethra] Nakatani T, et al. **Hinyokika Kiyo** 1983 Oct; 29(10):1363–8 (Eng. Abstr.) **(Jpn)**

[Statistical study in foreign bodies in our clinic for the past 51 years] Tsuruta Y, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Nov;87(11):1527–37 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Pathology of granulomatous diseases. Foreign body granulomas. Hirsh BC, et al. **Int J Dermatol** 1984 Oct; 23(8):531–8 (36 ref.)

Reactive cellular membrane on a glass fragment after two years in the anterior chamber. Wolter JR, et al. **J Am Intraocul Implant Soc** 1985 Jan;11(1):68–71

Case report: aspirated foreign body acting as tumor marker. Pokorney ES, et al. **J Med Soc NJ** 1985 May;82(5):395–6

Polytef (Teflon) migration after periurethral injection: tracer and x–ray microanalysis techniques in experimental study. Malizia AA Jr, et al. **Trans Am Soc Artif Intern Organs** 1984;30:330–4

[Primary iliac–cecal fistula by toothpick penetration] Mark G, et al. **Vasa** 1985;14(2):177–9 (Eng. Abstr.) **(Ger)**

[2 cases of pericardial tamponade caused by migration of fracture wires from the sternoclavicular joint] Gerlach D, et al. **Z Rechtsmed** 1984;93(1):53–60 (Eng. Abstr.) **(Ger)**

[Case of persistent dacryocanaliculitis with a foreign body in the lumen of the canaliculus] Alieva ZA, et al. **Oftalmol Zh** 1984;(7):445 **(Rus)**

[Long–term presence of a wooden foreign body in the orbital cavity] Ershova TA. **Oftalmol Zh** 1984;(3):187–8 **(Rus)**

[Foreign bodies in the maxillofacial area] Korchemskiĭ IS, et al. **Stomatologiia (Mosk)** 1985 Jan–Feb;64(1):82–3 **(Rus)**

[Foreign body in the knee joint in a child] Salamov LA, et al. **Vestn Khir** 1984 Dec;133(12):71–2 **(Rus)**

PHYSIOPATHOLOGY

Unusual manifestation of esophageal foreign body [letter] Bigham M. **Can Med Assoc J** 1985 Jan 1;132(1):15

PREVENTION & CONTROL

[Methods of preventing dislocation of a T cannula introduced into the common bile duct] Tomicki A, et al. **Wiad Lek** 1984 May 1;37(9):721–3 (Eng. Abstr.) **(Pol)**

RADIOGRAPHY

Migration of Kirschner pin from clavicle into ascending aorta. Nordback I, et al. **Acta Chir Scand** 1985;151(2):177–9

Barium capsules. Danielson KS, et al. **AJR** 1985 Feb; 144(2):414

Migrating missiles. Hughes JJ, et al. **Ala J Med Sci** 1984 Oct;21(4):416–9

Foreign bodies in the bronchial tree: radiographic manifestations and management by flexible fiberoptic bronchoscopy. Corley LF 3d, et al. **Ala Med** 1985 Jun; 54(12):20, 25–9

Stridor due to radiotransparent esophageal foreign body. Nussbaum E, et al. **Am J Dis Child** 1984 Nov; 138(11):1081–3

Xeroradiography and foreign bodies [letter] Stair TO. **Am J Emerg Med** 1983 Jul;1(1):117–8

Treble jeopardy. Hardison JE, et al. **Am J Med** 1985 May; 78(5):723–4

The fuzzy foreign body fragment: a subtle roentgenographic clue to mediastinal vascular injury. McFadden PM, et al. **Am J Surg** 1985 Jun;149(6):809–11

Subdural migration of an epidural catheter. Hartrick CT, et al. **Anesth Analg** 1985 Feb;64(2):175–8

Coin ingestion: does every child need a radiograph? Hodge D 3d, et al. **Ann Emerg Med** 1985 May;14(5):443–6

Needle embolus: a unique complication of intravenous drug abuse. Lewis TD, et al. **Ann Emerg Med** 1985 Sep; 14(9):906–8

Covert bronchial foreign body. Ahmad S. **Br Med J [Clin Res]** 1984 Dec 22–29;289(6460):1743

Fiberoptic bronchoscopy for intraoperative localization of endobronchial lesions and foreign bodies. Rubenstein RB, et al. **Chest** 1984 Dec;86(6):935–6

Computed tomography in localization of foreign bodies lodged in the extremities. Firooznia H, et al. **Comput Radiol** 1984 Jul–Aug;8(4):237–9

Retained surgical sponge after laparotomy. Unusual presentation. Gupta NM, et al. **Dis Colon Rectum** 1985 Jun; 28(6):451–3

When X rays show, must prison doctors tell? Thorburn KM. **Hastings Cent Rep** 1985 Jun;15(3):17–8

Soft tissue radiography for wooden foreign bodies––a worthwhile exercise? Mucci B, et al. **Injury** 1985 May; 16(6):402–4

A misplaced intrauterine device: a case report. Nguma M, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):421–4

Computed tomographic documentation of intra–articular penetration of a screw after operations on the shoulder. A report of two cases. Lower RF, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1120–2

Retained lead shot in the appendix. Reddy ER. **J Can Assoc Radiol** 1985 Mar;36(1):47–8

Migration of T–tubes into biliary tree. Zanbilowicz J. **J Can Assoc Radiol** 1984 Dec;35(4):383–7

Gastric obstruction from the Angelchik prosthesis. LoIudice TA, et al. **J Clin Gastroenterol** 1985 Feb;7(1):81–2

Jejunal perforation by a toothpick: CT demonstration. Strauss JE, et al. **J Comput Assist Tomogr** 1985 Jul–Aug;9(4):812–4

Bullet wounds of the left lower chest and arterial bullet embolism. Sherlock DJ, et al. **J R Coll Surg Edinb** 1984 Jul;29(4):214–7

Factitious rhinolith. Damm DD, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):662

A foreign body near the ramus of the mandible. de Visscher JG. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):484–5

Foreign body in tongue. Samborski CS, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):549

Foreign body in a tooth. Shay JC. **Oral Surg Oral Med Oral Pathol** 1985 Apr;59(4):431

Biting the bullet. Snyder WC, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):347

Outlet strut fracture of the Björk–Shiley mitral valve prosthesis. Guit GL, et al. **Radiology** 1985 Feb;154(2):298

Roentgenographical detection of cocaine smuggling in the alimentary tract. Kersschot EA, et al. **ROFO** 1985 Mar; 142(3):295–8

Case profile: penile necklace. Gelister JS. **Urology** 1985 Jul; 26(1):81

Case profile: ureteral pellet. Mering JH 3d. **Urology** 1984 Dec;24(6):628

Wandering distal ends of ventriculo–peritoneal shunts. Prabhu S, et al. **Z Kinderchir** 1985 Apr;40(2):80–1

[Chronic foreign body in the esophagus of a 13–month–old child] Bohutová J, et al. **Cesk Radiol** 1984 Sep;38(5):313–8 (Eng. Abstr.) **(Cze)**

[Swallowed tooth root file] Gelineck J. **Ugeskr Laeger** 1984 Jul 16;146(29):2162–3 (Eng. Abstr.) **(Dan)**

[Radiography of the esophagus in suspicion of foreign body] Lindequist S, et al. **Ugeskr Laeger** 1985 Feb 25; 147(9):788–90 (Eng. Abstr.) **(Dan)**

[Rare dislocation of an esophagus endoprosthesis in front of the ileocecal valve with deep small intestine ileus] Penschuck C, et al. **Chirurg** 1985 May;56(5):345–6 **(Ger)**

[Fever of unknown origin] Reinbold WD, et al. **Radiologe** 1984 Nov;24(11):532–4 (Eng. Abstr.) **(Ger)**

[X–ray findings in deliberately incorporated foreign bodies] Vogel H, et al. **Radiologe** 1985 May;25(5):230–4 (Eng. Abstr.) **(Ger)**

[Preoperative use of computed tomography for foreign bodies] Wimmer B, et al. **Radiologe** 1985 Mar;25(3):135–8 (Eng. Abstr.) **(Ger)**

[Expectoration of a shell fragment] Reinbold WD, et al. **ROFO** 1985 Jan;142(1):103–4 **(Ger)**

[Foreign body aspiration in childhood: diagnostic problems] Grundner HG, et al. **Rontgenblatter** 1984 Oct;37(10):343–6 (Eng. Abstr.) **(Ger)**

[Intra–abdominal foreign bodies following laparotomy interventions: report of a case] Parodi E, et al. **Chir Ital** 1982 Oct;34(5):769–78 (Eng. Abstr.) **(Ita)**

[Spontaneous displacement of a Kirschner wire to the chest cavity after fixation of the acromioclavicular joint] Urban J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(4):399–402 (Eng. Abstr.) **(Pol)**

[A rare case of a foreign body in the common bile duct] Kusz E, et al. **Przegl Lek** 1984;41(11):673–4 **(Pol)**

[Esophageal foreign body simulating clinical symptoms of foreign body of the respiratory tract] Archakova EV, et al. **Pediatriia** 1984 Sep;(9):74–5 **(Rus)**

[Foreign body of the kidney in a child] Astakhov VV. **Vestn Khir** 1985 Apr;134(4):102 **(Rus)**

[The value of examining the lungs in the lateral decubital position in the radiologic diagnosis of unknown foreign body aspiration in children] Cápová L. **Cesk Pediatr** 1984 Oct;39(10):564–6 (Eng. Abstr.) **(Slo)**

SURGERY

Broken semiflexible intraocular lens implant. Maguen E, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):170–2

An inhaled tracheostomy tube. Successful anaesthetic management. Myatt JK, et al. **Anaesthesia** 1984 Dec; 39(12):1235–6

Percutaneous transtracheal ventilation for emergency dental appliance removal. Wagner DJ, et al. **Anesthesiology** 1985 May;62(5):664–6

Extraction of large tracheal foreign bodies through a tracheostoma under bronchoscopic control. Swensson EE, et al. **Ann Thorac Surg** 1985 Mar;39(3):251–3

Problems with rectal foreign bodies. French GW, et al. **Br J Surg** 1985 Mar;72(3):243–4

Foreign body injuries of the hand. Stein F. **Emerg Med Clin North Am** 1985 May;3(2):383–90

Postoperative complications of gallbladder stones [letter] Rüdiger E, et al. **Endoscopy** 1985 Mar;17(2):85

A chopstick is removed after 60 years in the duodenum [letter] Yamamoto M, et al. **Gastrointest Endosc** 1985 Feb; 31(1):51

Intraperitoneal foreign bodies passed via the umbilicus. Watson RJ. **Injury** 1985 Jul;16(7):491–2

Intramedullary foreign body. Operative considerations and a case report. Wolf EW, et al. **J Am Podiatry Assoc** 1984 Oct;74(10):499–503

A multipurpose grasping forceps for retrieval of an embolized catheter fragment. Morishita Y, et al. **J Cardiovasc Surg (Torino)** 1985 Sep–Oct;26(5):516–8

Technique for the surgical extraction of permanent pacing leads and electrodes. Byrd CL, et al. **J Thorac Cardiovasc Surg** 1985 Jan;89(1):142–4

The exposed cardiac pacemaker. Treatment by subfascial pocket relocation. Garcia-Rinaldi R, et al. **J Thorac Cardiovasc Surg** 1985 Jan:89(1):136–41

When are airgun pellets better left alone? [letter] Cudmore RE, et al. **Lancet** 1985 Mar 30;1(8431):765–6

Stereotactic removal of a migrating ventricular catheter. Blacklock JB, et al. **Neurosurgery** 1985 Feb;16(2):230–1

Microsurgical recovery of a migrated balloon from the internal carotid artery of a child. Tranmer BI, et al. **Neurosurgery** 1985 Mar;16(3):381–6

The removal of sewing needles from two children's hearts. Sbokos CG, et al. **Thorac Cardiovasc Surg** 1984 Dec; 32(6):373–5

[Interesting case of foreign bodies in the digestive tract] Lukanov M, et al. **Khirurgiia (Sofiia)** 1984;37(5):416–7 **(Bul)**

[Management of a broken catheter during selective arteriography: report of 3 cases] Fan GR. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1985 Mar; 13(1):48–9 **(Chi)**

[Extraction of a broken intracoronary PTCA guide wire perforating the circumflex artery, using a Dotter retrieval catheter] Höfling B, et al. **Z Kardiol** 1984 Oct;73(10):663–5 (Eng. Abstr.) **(Ger)**

[The appendix as a foreign body reservoir] Franke A, et al. **Zentralbl Chir** 1985;110(11):692–4 **(Ger)**

[Unknown foreign body of the cranial base] Frattina A, et al. **Chir Ital** 1984 Feb;36(1):108–16 (Eng. Abstr.) **(Ita)**

[Needle in the left ventricle: report of a case with successful removal] Hoshino S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jul;32(7):1086–9 (Eng. Abstr.) **(Jpn)**

[Direct spinal cord and root injury caused by acupuncture—report of 2 cases] Sasaki H, et al. **No Shinkei Geka** 1984 Sep;12(10):1219–23 (Eng. Abstr.) **(Jpn)**

[Removal of a foreign body from a single lung] Bukhrashvili DV. **Khirurgiia (Mosk)** 1984 Oct;(10):129 **(Rus)**

[Device for extracting foreign bodies from hollow tubular organs] Gredzhev AF, et al. **Klin Khir** 1985 Jan;(1):75–6 **(Rus)**

[Sharp-pointed foreign bodies in the heart and pericardium] Babaev KhB, et al. **Vestn Khir** 1984 Sep;133(9):136–8 (32 ref.) **(Rus)**

[Guided incision in removing foreign bodies from the tissues] Mamedov AG. **Vestn Khir** 1984 Dec;133(12):55–6 **(Rus)**

THERAPY

Esophageal foreign body extraction [letter] Binder LS. **Am J Emerg Med** 1985 Jul;3(4):371–2

Removal of esophageal foreign bodies using a Foley catheter in adults. Ginaldi S. **Am J Emerg Med** 1985 Jan;3(1):64–6

Bronchoscopic removal of aspirated foreign bodies in children. Black RE, et al. **Am J Surg** 1984 Dec; 148(6):778–81

The use of pigtail catheters for retrieval of foreign bodies from the cardiovascular system. Auge JM, et al. **Cathet Cardiovasc Diagn** 1984;10(6):625–8

Intravascular knotting of a subclavian catheter. Nonsurgical removal [letter] Hentrich F, et al. **Chest** 1985 May;87(5):698

Wire basket removal of a large endobronchial foreign body [letter] McCullough P. **Chest** 1985 Feb;87(2):270–1

Massive hemoptysis associated with foreign body removal. Rees JR. **Chest** 1985 Sep;88(3):475–6

Choking: the Heimlich maneuver (abdominal thrust) vs. back blows. AMA Council on Scientific Affairs. **Conn Med** 1984 Sep;48(9):609–12

Percutaneous retrieval of foreign bodies from the cardiovascular system. Endrys J, et al. **Cor Vasa** 1985; 27(1):36–46

Two rare cases of endoscopic extraction of foreign bodies from the stomach and duodenum. Vantsian EN, et al. **Endoscopy** 1984 Nov;16(6):242–5

Safe extraction of a hatpin from the stomach [letter] Chobanian SJ, et al. **Gastrointest Endosc** 1984 Oct;30(5):318

Endoscopic retrieval of miniature battery [letter] Wilson JA, et al. **Gut** 1985 Feb;26(2):215

Sea urchin spines as foreign bodies—an alternative treatment. Falkenberg P. **Injury** 1985 May;16(6):419–20

Foreign bodies in the tracheobronchial tree. Special references to experience in 97 children. Svensson G. **Int J Pediatr Otorhinolaryngol** 1985 Mar;8(3):243–51

Crepitation simulating gas gangrene. A case report. Friedman RJ, et al. **J Bone Joint Surg [Am]** 1985 Apr;67(4):646–7

Removal of intravascular foreign bodies using modified Grollman catheter and Dormia basket. Clouse ME, et al. **J Can Assoc Radiol** 1984 Sep;35(3):305–7

Emergency treatment of foreign-body obstruction of the upper airway in children. Abman SH, et al. **J Emerg Med** 1984;2(1):7–12

A method of plastic foreign body removal. Cheney ML, et al. **J La State Med Soc** 1985 Jul;137(7):31

Resourceful women unmask cactus spines [letter] **JAMA** 1985 May 17;253(19):2830

Management of foreign bodies in the larynx and tracheobronchial tree of children. Jan A, et al. **JPMA** 1984 Dec;34(12):369–70

Colonoscopic removal of large bowel foreign bodies: an alternative to laparotomy. Reyna TM. **Milit Med** 1985 Mar; 150(3):146–8

Removal of foreign bodies from the nose [letter] Guazzo E. **N Engl J Med** 1985 Mar 14;312(11):725

Removing cockroaches from the auditory canal: controlled trial [letter] O'Toole K, et al. **N Engl J Med** 1985 May 2;312(18):1197

Removing objects from the external auditory canal [letter] Thompson MP. **N Engl J Med** 1984 Dec 20;311(25):1635

Inhalation hazards of tropical 'pea shooters'. Barss P. **Papua New Guinea Med J** 1985 Mar;28(1):45–6

Rock in the nose [letter] Fischer H. **Pediatrics** 1985 Mar; 75(3):616–7

Foreign bodies of the upper gastrointestinal tract: current management. Webb WA, et al. **South Med J** 1984 Sep; 77(9):1083–6

Fiberendoscopic removal of foreign bodies of the upper part of the gastrointestinal tract. Ricote GC, et al. **Surg Gynecol Obstet** 1985 Jun;160(6):499–504

Heimlich maneuver in children. Robison P, et al. **Tex Med** 1985 Jun;81(6):60–1

[Foreign bodies of the upper respiratory and digestive tracts: apropos of 123 cases] Ben Dridi MF, et al. **Tunis Med** 1985 Jan;63:9–14 (Eng. Abstr.) **(Fre)**

[Transluminal removal of intravascular foreign bodies] Kappenberger L, et al. **Schweiz Med Wochenschr** 1985 Feb 23;115(8):258–60 (Eng. Abstr.) **(Ger)**

[Transvascular removal of catheter fragments from the great vessels and the heart] Suda T, et al. **Rinsho Hoshasen** 1984 Dec;29(13):1509–12 (Eng. Abstr.) **(Jpn)**

[Case of removal of persistent esophageal foreign body using a fiberscope] Czajkowski A, et al. **Wiad Lek** 1984 Dec 1; 37(23):1865–7 (Eng. Abstr.) **(Pol)**

[3 cases of foreign bodies removed from the stomach and duodenum with the Olympus GIF-K fiberscope] Koba S, et al. **Wiad Lek** 1984 Oct 15;37(20):1631–4 (Eng. Abstr.) **(Pol)**

[Endoscopic removal of a foreign body from the stomach] Kuhl M, et al. **Wiad Lek** 1984 May 1;37(9):698–700 (Eng. Abstr.) **(Pol)**

[Removal of gastric foreign bodies by the endoscopic method using a diathermy loop] Szklarz Z, et al. **Wiad Lek** 1984 Aug 1;37(15):1215–6 (Eng. Abstr.) **(Pol)**

[Means of improving medical care for children with foreign bodies in the respiratory tract] Bocharnikov ES, et al. **Pediatriia** 1985 Jun;(6):47–8 **(Rus)**

[A method of endoscopic removal of foreign bodies from the esophagus, stomach and duodenum] Sotnikov VN. **Vestn Khir** 1985 Mar;134(3):110–3 **(Rus)**

[Fibroendoscopic extraction of ingested foreign bodies in 47 cases] Kirberg A. **Rev Med Chil** 1984 Aug;112(8):790–6 (Eng. Abstr.) **(Spa)**

VETERINARY

Hypertrophic osteopathy associated with a bronchial foreign body and lobar pneumonia in a dog. Caywood DD, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):698–700

Unusual nasal foreign body in a dog. Fallon RK, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):710

Nonsurgical removal of a catheter embolus from the heart of a dog. Fox PR, et al. **J Am Vet Med Assoc** 1985 Aug 1;187(3):275–6

Infertility due to foreign objects in the cervix of a cow. Hinrichs K, et al. **J Am Vet Med Assoc** 1984 Oct 1; 185(7):788–9

[Esophageal obstipation in the horse] Wolfers H, et al. **Tierarztl Prax** 1985;Suppl 1:108–11 (Eng. Abstr.) **(Ger)**

FOREIGN BODY MIGRATION see under **FOREIGN BODIES**

FOREIGN BODY REACTION

Biomicroscopy of surface deposits resembling foreign-body giant cells on implanted intraocular lenses. Ohara K. **Am J Ophthalmol** 1985 Mar 15;99(3):304–11

Reduced capsule formation around soft silicone rubber prostheses coated with solid collagen. Ksander GA, et al. **Ann Plast Surg** 1985 Apr;14(4):351–60

The development of tissue around various prosthetic implants used as replacements for ligaments and tendons. Goodship AE, et al. **Clin Orthop** 1985 Jun;(196):61–8

[Clinical study of systemic and local reactions to the improper use of liquid silicone and/or mineral oil] Gemperli R, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jul–Aug; 39(4):158–62 (Eng. Abstr.) **(Por)**

CHEMICALLY INDUCED

Silicone-induced foreign body reaction and lymphadenopathy after temporomandibular joint arthroplasty. Dolwick MF, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):449–52

COMPLICATIONS

A foreign body related actinomycosis of a finger. Fayman M, et al. **J Hand Surg [Am]** 1985 May;10(3):411–2

[Fibronectin in cultured mouse sarcoma cells induced by foreign bodies] Liubimov AV, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):339–41 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Case report: an unusual occult bronchial foreign body. Halpern EB, et al. **J Med Soc NJ** 1985 May;82(5):393–4

ENZYMOLOGY

[Histological and histochemical observation of macrophages in various foreign-body granulomas] Isoda M. **Nippon Hifuka Gakkai Zasshi** 1984 Aug;94(9):1045–53 **(Jpn)**

ETIOLOGY

Carbon fiber debris within the synovial joint. A time-dependent mechanical and histologic study. Parsons JR, et al. **Clin Orthop** 1985 Jun;(196):69–76

Tissue reactions to indigenous endotracheal tube in rabbits. Saxena A, et al. **Indian J Med Res** 1984 May;79:673–8

Silicone synovitis of the wrist. Smith RJ, et al. **J Hand Surg [Am]** 1985 Jan;10(1):47–60

Delayed reaction to the Dacron buttress used in urethropexy. Richardson DA, et al. **J Reprod Med** 1984 Sep;29(9):689–92

[Jejunal perforation caused by non-absorbable suture material. Findings on a clinical case] Balli C, et al. **Minerva Chir** 1985 Jan 15–31;40(1–2):55–61 (Eng. Abstr.) **(Ita)**

PATHOLOGY

The cytopathology of reactions to ventricular shunts. Bigner SH, et al. **Acta Cytol (Baltimore)** 1985 May–Jun;29(3):391–6

Microscopic-cytologic investigations on explanted intraocular lenses. Goder GJ, et al. **Acta Ophthalmol [Suppl] (Copenh)** 1985;170:64–72

Posterior chamber lens implantation. A clinicopathological report of a successful case. Tarkkanen A, et al. **Acta Ophthalmol [Suppl] (Copenh)** 1985;170:61–3

Rat peritoneal implantation test. A new method for tissue toxicity testing of urinary catheters. Talja M. **Br J Urol** 1985 Jun;57(3):329–33

Porous prostheses: an electron microscopic study. Brennan G, et al. **Clin Otolaryngol** 1984 Aug;9(4):229–33

Silicone granulomas: report of three cases and review of the literature. Travis WD, et al. **Hum Pathol** 1985 Jan; 16(1):19–27

Factitial cutaneous ulcers and nodules: the use of electron-probe microanalysis in diagnosis. Jackson RM, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1065–9

Silicone shard formation: a product of implant arthroplasty. Sollitto RJ, et al. **J Foot Surg** 1984 Sep–Oct;23(5):362–5

Tissue response to carbon-reinforced polyethylene. Groth HE, et al. **J Orthop Res** 1983;1(2):129–35

Maternal vernix caseosa peritonitis following premature rupture of fetal membranes. Schwartz JS, et al. **JAMA** 1985 Aug 16;254(7):948–50

Histochemical and cellular changes induced in the rabbit knee joint by an intraarticular implantation of a sheet of polyethylene. Mitrovic DR, et al. **Lab Invest** 1985 Aug; 53(2):228–39

Fibrous mass complicating epidural morphine infusion. Rodan BA, et al. **Neurosurgery** 1985 Jan;16(1):68–70

Cytopathology of intraocular lens implantation. Wolter JR. **Ophthalmology** 1985 Jan;92(1):135–42

[Biocompatibility of implants with and without fluorohydrocarbon glow polymer coating. 4. Recommendations for the histocompatibility (repair) index for the evaluation of various implant materials] Keller F, et al. **Z Exp Chir Transplant Kunstliche Organe** 1985; 18(1):9–18 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Effects of long-term catheter implantation on the contractile and histological properties of the canine bladder. Hoekstra JW, et al. **J Urol** 1985 Apr;133(4):709-12

[Studies of experimentally induced trans-epithelial elimination, with special reference to the role of neutrophils in its mechanisms] Morishita M. **Nippon Hifuka Gakkai Zasshi** 1984 Dec;94(14):1615-24 **(Jpn)**

PSYCHOLOGY

[An investigation on the sensation of a lump in the throat] Yamagiwa M, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Nov;87(11):1519-26 (Eng. Abstr.) **(Jpn)**

RADIOGRAPHY

Histiocytic reaction to hip arthroplasty. Reinus WR, et al. **Radiology** 1985 May;155(2):315-8

[Subfascial abscess due to foreign bodies after a lumbar operation] Hermanutz KD. **ROFO** 1984 Nov;141(5):591-3 **(Ger)**

VETERINARY

Inanition in a Derby eland due to foreign body abomasitis. Van Rensburg IB, et al. **J S Afr Vet Assoc** 1984 Jun;55(2):75-6

FOREIGN MEDICAL GRADUATES

The American connection: entering the U.S.A. for post-fellowship experience. Ronai AK. **Anaesth Intensive Care** 1984 Nov;12(4):372-4

Impressions of medicine in India. Medical links with Britain. Richards T. **Br Med J [Clin Res]** 1985 May 4;290(6478):1329-31

Graduates of foreign medical schools: false hope [letter] **Can Med Assoc J** 1985 May 15;132(10):1107-8

Horizons bleak for offshore medical graduates. Korcok M. **Can Med Assoc J** 1985 Apr 15;132(8):951-4

Graduates of foreign medical schools: false hope [letter] Lakhani ZM. **Can Med Assoc J** 1985 Sep 15;133(6):550-1

Medical education in the United States: some current problems and an uncertain future. Reitemeier RJ. **Henry Ford Hosp Med J** 1984;32(2):123-30

Impact of women and foreign medical graduates on specialty distribution of U.S. house officers. Mick SS, et al. **J Med Educ** 1984 Dec;59(12):921-7

Career choice of 'fifth pathway' graduates from New York state medical schools. Stimmel B, et al. **J Med Educ** 1985 Mar;60(3):159-66

Restriction on entry of overseas medical graduates. **Lancet** 1985 Apr 6;1(8432):825

The Oxford connection. Roeser P. **Med J Aust** 1984 Dec 8-22;141(12-13):862-3

Offshore medical schools [letter] Pollak H. **NY State J Med** 1984 Dec;84(12):592

Social functions of medical licensing: a case study of Soviet immigrant physicians in Israel. Shuval JT. **Soc Sci Med** 1985;20(9):901-9

CLASSIFICATION

The proprietary medical graduate (PMG) versus the foreign medical graduate (FMG): a critical distinction [letter] Schwartz RA. **N Engl J Med** 1985 May 23;312(21):1394

ECONOMICS

How we subsidize 'offshore' medical schools. Swanson AG. **N Engl J Med** 1985 Oct 3;313(14):886-8

EDUCATION

Reducing residency opportunities for graduates of foreign medical schools. Iglehart JK. **N Engl J Med** 1985 Sep 26;313(13):831-6

Foreign medical graduates: The door should never close. Feinstein RJ. **South Med J** 1985 Mar;78(3):340-2

PSYCHOLOGY

Adjustment and psychosocial problems of Iranian and Filipino physicians in the U.S. Hojat M, et al. **J Clin Psychol** 1985 Jan;41(1):130-6

SUPPLY & DISTRIBUTION

Distribution of Iranian and Filipino physicians in the United States by region of residence and medical specialty. Herman MW, et al. **Del Med J** 1984 Sep;56(9):553-7

Where have all the students gone? An epidemiologic study of US nationals applying for certification by the Educational Commission for Foreign Medical Graduates, 1969 through 1982. Dublin TD, et al. **JAMA** 1985 Jan 18;253(3):376-81

Foreign and United States medical graduates in practice. A follow-up. Mick SS, et al. **Med Care** 1984 Nov;22(11):1014-25

Financing graduate medical education [letter] **N Engl J Med** 1985 Oct 3;313(14):894-7

FORELIMB

Scapulohumeral luxation with treatment by closed reduction in a horse. Wilson RG, et al. **Aust Vet J** 1984 Sep;61(9):300-1

Some observations on bone cysts in the carpal bones of young Thoroughbreds. Ellis DR. **Equine Vet J** 1985 Jan;17(1):63-5

Ulceric lesions of articular cartilages distal to carpal and tarsal joints in Japanese black beef cattle. Taura Y, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):571-6

Case of quadrilateral flexural contracture in a 10-year-old pony. Wyn-Jones G, et al. **Vet Rec** 1985 Jun 29;116(26):685-7

ABNORMALITIES

Forelimb malformation in rats caused by cyclophosphamide. Jeyaseelan N, et al. **Acta Orthop Scand** 1984 Dec;55(6):643-6

Segmental hemiatrophy in a dog. Hardie EM, et al. **J Am Vet Med Assoc** 1985 Jun 15;186(12):1315-7

Cyclopia, congenital limb deformity, and osteomyelitis in the collared peccary, Tayassu tajacu (L.). Hellgren EC, et al. **J Wildl Dis** 1984 Oct;20(4):354-7

Acetazolamide teratogenesis: association of maternal respiratory acidosis and ectrodactyly in C57BL/6J mice. Weaver TE, et al. **Teratology** 1984 Oct;30(2):187-93

Acetazolamide teratogenesis: interaction of maternal metabolic and respiratory acidosis in the induction of ectrodactyly in C57BL/6J mice. Weaver TE, et al. **Teratology** 1984 Oct;30(2):195-202

ANATOMY & HISTOLOGY

A variant of the mammalian somatotopic map in a bat. Calford MB, et al. **Nature** 1985 Feb 7-13;313(6002):477-9

Morphological novelty in the limb skeleton accompanies miniaturization in salamanders. Hanken J. **Science** 1985 Aug 30;229(4716):871-4

[Comparative anatomy of the skeletal muscles in fallow deer (Dama dama L. 1758), sheep (Ovis aries L. 1758) and goats (Capra hircus L. 1758). 1. The forelimb] Pohlmeyer K. **DTW** 1984 Oct 8;91(10):354-60 (Eng. Abstr.) **(Ger)**

DRUG EFFECTS

Retinoic-acid-induced pattern completion in regenerating double anterior limbs of urodeles. Stocum DL, et al. **J Exp Zool** 1984 Nov;232(2):207-15

EMBRYOLOGY

Identification of the cellular retinoic acid binding protein (cRABP) within the embryonic mouse (CD-1) limb bud. Kwarta RF Jr, et al. **Teratology** 1985 Aug;32(1):103-11

INJURIES

Capacitively coupled electrical stimulation of bone healing in the horse: in vivo study with a Salter type IV osteotomy model with stainless steel surface electrodes. Collier MA, et al. **Am J Vet Res** 1985 Mar;46(3):622-31

Disorders of the carpus in the dog. I. Vaughan LC. **Br Vet J** 1985 Jul-Aug;141(4):332-41

Sixteen fractures of the shoulder region in the horse. Dyson S. **Equine Vet J** 1985 Mar;17(2):104-10

What is your diagnosis? Dorsopalmar slab fracture of the medial aspect of the third carpal bone. DeBowes RM, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):691-2

Unexpected reorganization of somatosensory cortex in a raccoon with extensive forelimb loss. Rasmusson DD, et al. **Neurosci Lett** 1985 Apr 9;55(2):167-72

[Fractures of the carpal joint in thoroughbred horses. Review and clinical experiences] De Moor A, et al. **Tierarztl Prax** 1985;Suppl 1:66-70 **(Ger)**

[Limb fractures in trotters. 2. Frequency, distribution and treatment results] Keller H. **Tierarztl Prax** 1984;12(1):39-44 **(Ger)**

INNERVATION

Rescue of blocked cells by reinnervation in denervated forelimb stumps of larval Ambystoma. Olsen CL, et al. **Dev Biol** 1984 Dec;106(2):399-405

Integration in descending motor pathways controlling the forelimb in the cat. 10. Inhibitory pathways to forelimb motoneurones via C3-C4 propriospinal neurones. Alstermark B, et al. **Exp Brain Res** 1984;56(2):279-92

Integration in descending motor pathways controlling the forelimb in the cat. 12. Interneurones which may mediate descending feed-forward inhibition and feed-back inhibition from the forelimb to C3-C4 propriospinal neurones. Alstermark B, et al. **Exp Brain Res** 1984;56(2):308-22

Integration in descending motor pathways controlling the forelimb in the cat. 11. Inhibitory pathways from higher motor centres and forelimb afferents to C3-C4 propriospinal neurones. Alstermark B, et al. **Exp Brain Res** 1984;56(2):293-307

Effects of stimulation of corpus callosum on precentral neuron activity in the awake monkey. Matsunami K, et al. **J Neurophysiol** 1984 Oct;52(4):676-91

Fictive locomotion of the forelimb evoked by stimulation of the mesencephalic locomotor region in the decerebrate cat. Amemiya M, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):91-6

Autotomy following limb denervation: effects of previous exposure to neurectomy. Rabin AG, et al. **Pain** 1985 Feb;21(2):105-15

Autotomy following limb denervation: effects of sparing selected afferents. Rabin AG, et al. **Pain** 1985 Feb;21(2):117-28

Cerebellar feedback signals of a passive hand movement in the awake monkey. Bauswein E, et al. **Pflugers Arch** 1984 Nov;402(3):292-9

Forelimb and hindlimb stepping by the anesthetized rat elicited by electrical stimulation of the pons and medulla. Ross GS, et al. **Physiol Behav** 1984 Aug;33(2):201-8

Forelimb and hindlimb stepping by the anesthetized rat elicited by electrical stimulation of the diencephalon and mesencephalon. Sinnamon HM. **Physiol Behav** 1984 Aug;33(2):191-9

Locomotor stepping elicited by electrical stimulation of the lateral hypothalamus requires an ipsilateral descending pathway. Sinnamon HM, et al. **Physiol Behav** 1984 Aug;33(2):209-15

Lamellar arrangement of neuronal somata in the dorsal root ganglion of the cat. Kausz M, et al. **Somatosens Res** 1985;2(3):193-204

PHYSIOLOGY

Fine structure of the forelimb regenerate of the African clawed toad, Xenopus laevis. Furlong ST, et al. **Anat Rec** 1985 Apr;211(4):444-9

The distribution of marked dermal cells from small localized implants in limb regenerates. Rollman-Dinsmore C, et al. **Dev Biol** 1984 Dec;106(2):275-81

Cellular behavior in the anteroposterior axis of the regenerating forelimb of the axolotl, Ambystoma mexicanum. Tank PW, et al. **Dev Biol** 1985 May;109(1):215-23

Regeneration of surgically created mixed-handed axolotl forelimbs: pattern formation in the dorsal-ventral axis. Holder N, et al. **J Embryol Exp Morphol** 1984 Aug;82:217-39

Effects of radius--ulna removal on forelimb regeneration in Xenopus laevis froglets. Korneluk RG, et al. **J Embryol Exp Morphol** 1984 Aug;82:9-24

The response of denervated axolotl arms to delayed amputation. Wallace H. **J Embryol Exp Morphol** 1984 Dec;84:303-7

A nerve-conditioning lesion accelerates limb regeneration in the newt. Maier CE, et al. **J Exp Zool** 1984 Nov;232(2):181-6

Retinoic-acid-induced pattern completion in regenerating double anterior limbs of urodeles. Stocum DL, et al. **J Exp Zool** 1984 Nov;232(2):207-15

Kinematic representation of imposed forearm movements by pericruciate neurons (areas 4 and 3a) in the awake cat. Bedingham W, et al. **J Neurophysiol** 1985 Apr;53(4):886-909

Response of amputated rat limbs to fetal nerve tissue implants and direct current. Sisken BF, et al. **J Orthop Res** 1984;2(2):177-89

[Biomechanical significance of arm length and body mass for a suspended manner of locomotion] Demes B, et al. **Z Morphol Anthropol** 1984;74(3):261-74 (Eng. Abstr.) **(Ger)**

[Asymmetry of motor function in the forelimbs of cats] Glumov GM. **Fiziol Zh SSSR** 1984 Sep;70(9):1332-7 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Carpal hyperextension in two-month-old pups. Shires PK, et al. **J Am Vet Med Assoc** 1985 Jan 1;186(1):49-52

RADIOGRAPHY

Periosteal transection and stripping for treatment of angular limb deformities in foals: radiographic observations. Bertone AL, et al. **J Am Vet Med Assoc** 1985 Jul 15;187(2):153-6

SURGERY

Periosteal transection and stripping for treatment of angular limb deformities in foals: clinical observations. Bertone AL, et al. **J Am Vet Med Assoc** 1985 Jul 15;187(2):145-52

FORENSIC DENTISTRY

see related
JURISPRUDENCE

The role of the forensic odontologist in human rights investigations. Levine LJ. **Am J Forensic Med Pathol** 1984 Dec;5(4):317-20

Dental identification of unknown bodies. Brown KA. **Ann Acad Med Singapore** 1984 Jan;13(1):3-7

A forensic investigation of teeth marks in soap. Corbett ME, et al. **Br Dent J** 1984 Oct 20;157(8):270-1

The identification of a 'John Doe'. Bernstein ML. **J Am Dent Assoc** 1985 Jun;110(6):918-21

Identification via dental remains: Pan American Flight 759. Barsley RE, et al. **J Forensic Sci** 1985 Jan;30(1):128-36

The value of dental restorations in post-mortem identification. Eastwood BA, et al. **J Forensic Sci Soc** 1984 Nov-Dec;24(6):569-76

Dental identification and the P-3 crash in Hawaii. Smith GA, et al. **Milit Med** 1985 Feb;150(2):59-66

[Medicolegal identification by the dental system] Haertig A, et al. **Presse Med** 1985 Mar 2;14(9):543-5 (Eng. Abstr.) **(Fre)**

[Epidemiologic evidence and possibility of prevention for various forms of occupational pathology in dentistry and emerging medico-legal aspects. II. Pathology of non-infectious origin] Melino C, et al. **Nuovi Ann Ig Microbiol** 1983 Jan–Feb;34(1):17–42 (103 ref.) (Eng. Abstr.) **(Ita)**

[A study on tooth marks—on the reproducibility and identification of tooth marks by means of a three-dimensional measuring instrument] Furukawa A. **Nippon Hoigaku Zasshi** 1984 Aug;38(4):428–44 (Eng. Abstr.) **(Jpn)**

HISTORY

An early dental identification of a corpse [letter] Claxton AC. **Br Dent J** 1984 Aug 25;157(4):122

[Histories of the history of identification] Cunha S. **Rev Port Estomatol Cir Maxilofac** 1984 Oct–Dec; 25(4):1043–50 **(Por)**

INSTRUMENTATION

A coding system for a computer aided dental identification based on the 'Canobrain Programme'. Hashimoto M, et al. **Ann Acad Med Singapore** 1984 Jan;13(1):20–4

METHODS

Misclassification probability of dental discrimination functions for sex determination. Owsley DW, et al. **J Forensic Sci** 1983 Jan;28(1):181–5

[Roentgen microanalysis of dental alloys as an aid to identification] Pötsch-Schneider L, et al. **Arch Kriminol** 1984 Nov–Dec;174(5–6):179–84 (Eng. Abstr.) **(Ger)**

FORENSIC MEDICINE

see related
JURISPRUDENCE

New wrinkles in fingerprint identification. Rosen VJ. **Am J Dermatopathol** 1984 Oct;6(5):511–3

The premenstrual syndrome. Brunetti LL, et al. **Am J Forensic Med Pathol** 1984 Sep;5(3):265–8

Rationale of identification based on biological factors of the dentition. Dahlberg AA. **Am J Forensic Med Pathol** 1985 Jun;6(2):125–31

Human genetics and human rights. Identifying the families of kidnapped children. Di Lonardo AM, et al. **Am J Forensic Med Pathol** 1984 Dec;5(4):339–47

Role of radiology in human rights abuse. Fitzpatrick JJ. **Am J Forensic Med Pathol** 1984 Dec;5(4):321–5

Facial sculpture on the skull for identification. Gatliff BP. **Am J Forensic Med Pathol** 1984 Dec;5(4):327–32

The telltale steamer trunks. Hanzlick RL. **Am J Forensic Med Pathol** 1985 Mar;6(1):69–72

The role of forensic evidence in child abuse and neglect. Kanda M, et al. **Am J Forensic Med Pathol** 1985 Mar; 6(1):7–15 (35 ref.)

Tracing the use of electrical torture. Karlsmark T, et al. **Am J Forensic Med Pathol** 1984 Dec;5(4):333–7

The use of drugs in torture and human rights abuses. Kirschner RH. **Am J Forensic Med Pathol** 1984 Dec; 5(4):313–5

Medicolegal system in Greece [letter] Koutselinis A. **Am J Forensic Med Pathol** 1984 Sep;5(3):285–6

The 1983 South Australian bushfire disaster. Pounder DJ. **Am J Forensic Med Pathol** 1985 Mar;6(1):77–92

Forensic services in Australia. Pounder DJ, et al. **Am J Forensic Mod Pathol** 1984 Sep;5(3):269–78

The investigation of the human remains of the 'disappeared' in Argentina. Snow CC, et al. **Am J Forensic Med Pathol** 1984 Dec;5(4):297–9

Human rights and the forensic scientist. Tedeschi LG. **Am J Forensic Med Pathol** 1984 Dec;5(4):295–6

Methodology in the forensic sciences. Documentation of human rights abuses. Tedeschi LG. **Am J Forensic Med Pathol** 1984 Dec;5(4):301–3

Amnesty International and the forensic sciences. Thomsen JL, et al. **Am J Forensic Med Pathol** 1984 Dec;5(4):305–11

Never say never. Negligible carboxyhemoglobin in the victim of a smoldering mattress fire. Walter JE, et al. **Am J Forensic Med Pathol** 1984 Sep;5(3):239–44

Forensic science. Brettell TA, et al. **Anal Chem** 1985 Apr; 57(5):175R–187R (536 ref.)

On cross-examination of expert witnesses. Carmi A. **Ann Acad Med Singapore** 1984 Jan;13(1):49–52

Needless deaths. Johnson HR. **Ann Acad Med Singapore** 1984 Jan;13(1):43–5

The importance of autopsy examination in major disasters. Mason JK. **Ann Acad Med Singapore** 1984 Jan;13(1):12–5

Legal aspects of deaths associated with diagnostic and therapeutic procedures. Puxon M. **Ann Acad Med Singapore** 1984 Jan;13(1):46–8

Novel methods for determining the vital reaction in injured skin. Takabe F, et al. **Ann Acad Med Singapore** 1984 Jan; 13(1):69–76

Scope and applications of forensic entomology. Keh B. **Annu Rev Entomol** 1985;30:137–54 (72 ref.)

Air rifle ammunition and its influence on wounding potential. Smith WD. **Arch Emerg Med** 1985 Mar;2(1):25–9

Is the stomach a useful forensic clock? Horowitz M, et al. **Aust NZ J Med** 1985 Apr;15(2):273–6

Medicine versus crime. Trent B. **Can Med Assoc J** 1985 Sep 1;133(5):498–505

Forensic medicine in the emergency department. Smialek JE. **Emerg Med Clin North Am** 1983 Dec;1(3):693–704

The biochemical changes in pericardial fluid after death. An investigation of the relationship between the time since death and the rise or fall in electrolyte and enzyme concentrations and their possible usefulness in determining the time of death. Balasooriya BA, et al. **Forensic Sci Int** 1984 Oct;26(2):93–102

The survival of oral streptococci on human skin and its implication in bite-mark investigation. Brown KA, et al. **Forensic Sci Int** 1984 Nov;26(3):193–7

A method for investigating specialised accidents with special reference to diving. Calder IM. **Forensic Sci Int** 1985 Feb; 27(2):119–27

Analytical pyrolysis of Streptococcus salivarius as an aid to identification in bite-mark investigation. Elliot TR, et al. **Forensic Sci Int** 1984 Oct;26(2):131–7

A stability study on Gc subtyping in bloodstains: comparison by two different techniques. Kido A, et al. **Forensic Sci Int** 1984 Sep;26(1):39–43

Articles found in the possession of a methamphetamine abuser. Kojima T, et al. **Forensic Sci Int** 1984 Nov; 26(3):207–14

In vivo and in vitro studies on cocaine metabolism: ecgonine methyl ester as a major metabolite of cocaine. Matsubara K, et al. **Forensic Sci Int** 1984 Nov;26(3):169–80

Quantitation of cocaine, benzoylecgonine and ecgonine methyl ester by GC–CI–SIM after Extrelut extraction. Matsubara K, et al. **Forensic Sci Int** 1984 Nov;26(3):181–92

Improvised firearms versus regular firearms. Modi JK, et al. **Forensic Sci Int** 1984 Nov;26(3):199–205

Studies on asphyxia: on the changes of the alveolar walls of rats in the hypoxic state. Morita M, et al. **Forensic Sci Int** 1985 Feb;27(2):81–92

Evidence of a 'new' allele of red cell and phosphatase AcPk. Turowska B. **Forensic Sci Int** 1984 Nov;26(3):163–7

Importance of the choice of the means in the study of bloodstains. André A, et al. **Haematologia (Budap)** 1984; 17(2):311–5

Identification of human lymphocyte antigens (HLA) in a semen stain. Lontai-Santora S, et al. **Haematologia (Budap)** 1984;17(2):323–5

The change in criminalistic methods for bloodstain analysis in California. Myhre BA. **Haematologia (Budap)** 1984; 17(2):307–10

Studies on the estimation of postmortem time: an application of interactive image analysis system. Yoshimoto K, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):615–8

Guidelines on attorney and physician relationships. **IMJ** 1985 May;167(5):358–61

Distinction between antemortem & post mortem wounds by histochemical methods. Bhusale RG, et al. **Indian J Pathol Microbiol** 1984 Oct;27(4):299–307

Endogenous isopropanol: forensic and biochemical implications. Davis PL, et al. **J Anal Toxicol** 1984 Sep–Oct; 8(5):209–12

Liquid chromatographic determination of salicylate and methyl salicylate in blood and application to a postmortem case. Levine B, et al. **J Anal Toxicol** 1984 Sep–Oct; 8(5):239–41

The admissibility of positive EMIT results as scientific evidence: counting facts, not heads. Divoll MK, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):114–6

The forensic pediatrician as a child advocate. McRae KN, et al. **J Dev Behav Pediatr** 1984 Oct;5(5):259–62

The role of the forensic scientist in the application of chemical tests for alcohol in traffic law enforcement. Biasotti AA. **J Forensic Sci** 1984 Oct;29(4):1164–72

Self-mutilation and private accident insurance. Bonte W. **J Forensic Sci** 1983 Jan;28(1):70–82

Detection and analysis of aminoparathion in human postmortem specimens. Chan LT, et al. **J Forensic Sci** 1983 Jan;28(1):122–7

Improved recovery and stability of ethanol in automated headspace analysis. Christmore DS, et al. **J Forensic Sci** 1984 Oct;29(4):1038–44

The motion of floating and submerged objects in the Chattahoochee River, Atlanta, GA. Dilen DR. **J Forensic Sci** 1984 Oct;29(4):1027–37

Rib spreader laceration: a confusing artifact of emergency thoracotomy. Dixon DS, et al. **J Forensic Sci** 1983 Jan; 28(1):255–62

Toxicologic studies in a fatal overdose of 2,4–D, mecoprop, and dicamba. Fraser AD, et al. **J Forensic Sci** 1984 Oct; 29(4):1237–41

Stab wounds and personal identity determined from skeletal remains: a case from Kansas. Frayer DW, et al. **J Forensic Sci** 1985 Jan;30(1):232–8

Russian roulette with a knife. Frazer M, et al. **J Forensic Sci** 1983 Jan;28(1):268–72

Medical diagnosis versus legal determination of death. Gorman WF. **J Forensic Sci** 1985 Jan;30(1):150–7

A case of suicide involving the concomitant intravenous injection of barbital and oral ingestion of arsenic. Graham MA, et al. **J Forensic Sci** 1983 Jan;28(1):251–4

Analytical studies on illicit heroin. I. The occurrence of O3–monoacetylmorphine. Huizer H. **J Forensic Sci** 1983 Jan;28(1):32–9

Analytical studies on illicit heroin. II. Comparison of samples. Huizer H. **J Forensic Sci** 1983 Jan;28(1):40–8

Suicide by motor vehicle. Imajo T. **J Forensic Sci** 1983 Jan; 28(1):83–9

The forensic science use of reflective ultraviolet photography. Krauss TC, et al. **J Forensic Sci** 1985 Jan; 30(1):262–8

Postmortem stability of benzodiazepines in blood and tissues. Levine B, et al. **J Forensic Sci** 1983 Jan;28(1):102–15

Deaths related to propoxyphene or codeine or both. Litman RE, et al. **J Forensic Sci** 1983 Jan;28(1):128–38

Ethanol, marijuana, and other drug use in 600 drivers killed in single-vehicle crashes in North Carolina, 1978–1981. Mason AP, et al. **J Forensic Sci** 1984 Oct;29(4):987–1026

Toxicological and pathological findings in fatalities involving pentazocine and tripelennamine. Monforte JR, et al. **J Forensic Sci** 1983 Jan;28(1):90–101

Morphine in lymph nodes of heroin users. Nakamura GR, et al. **J Forensic Sci** 1983 Jan;28(1):249–50

An unsuccessful murder. Prathnadi S. **J Forensic Sci** 1983 Jan;28(1):285–6

Discussion of 'procedures and responsibilities in forensic toxicology—to what extent are they the results of laboratory facilities?' [letter] Rajs J, et al. **J Forensic Sci** 1985 Jan;30(1):8–9

Radiographic identification of charred human remains through use of the dorsal defect of the patella. Riddick L, et al. **J Forensic Sci** 1983 Jan;28(1):263–7

Lactic acid concentrations in vitreous humor: their use in asphyxial deaths in children. Sturner WQ, et al. **J Forensic Sci** 1983 Jan;28(1):222–30

Swabbing for trace marihuana [letter] Thibault R, et al. **J Forensic Sci** 1983 Jan;28(1):15–7

Anatomical distribution of human bite marks in a series of 67 cases. Vale GL, et al. **J Forensic Sci** 1983 Jan;28(1):61–9

Analysis of blood and tissue for amoxapine and trimipramine. Wu Chen NB, et al. **J Forensic Sci** 1983 Jan;28(1):116–21

Metropolitan forensic anthropology team (MFAT) case studies in identification: 3. Identification of John J. Sullivan, the missing journalist. Zugibe FT, et al. **J Forensic Sci** 1985 Jan;30(1):221–31

Identification of a murder weapon by a peculiar blunt force injury pattern and histochemical analysis. Zugibe FT, et al. **J Forensic Sci** 1985 Jan;30(1):239–42

10th meeting of the International Association of Forensic Sciences, Oxford, England, 18–25 September 1984. Abstracts. **J Forensic Sci Soc** 1984 Jul–Aug;24(4):241–457

Problems associated with the typing of semen on anal swabs. Green RJ, et al. **J Forensic Sci Soc** 1985 Jan–Feb;25(1):55–6

A theoretical treatment for the estimation of blood alcohol concentration arising from inhalation of ethanol vapour. Lewis MJ. **J Forensic Sci Soc** 1985 Jan–Feb;25(1):11–22

Inhalation of ethanol vapour: a case report and experimental test involving the spraying of shellac lacquer. Lewis MJ. **J Forensic Sci Soc** 1985 Jan–Feb;25(1):5–9

Efficiency and cleanliness of ether extraction for benzodiazepines in blood samples treated with aqueous ammonia compared with other methods for the purpose of HPLC assay. Stevens HM. **J Forensic Sci Soc** 1985 Jan–Feb;25(1):67–79

Hanging in the balance: the scales of justice and forensic evidence. Hanzlick RL. **J Med Assoc Ga** 1985 Feb; 74(2):84–7

A bibliography of forensic entomology. Vincent C, et al. **J Med Entomol** 1985 Mar 22;22(2):212–9

Forensic experts and disasters [letter] McDonough ET, et al. **JAMA** 1985 May 17;253(19):2830–1

Definition of impairment essential for prosecuting 'drunken drivers' [news] Ziporyn T. **JAMA** 1985 Jun 28; 253(24):3509–13, 3517

Human rights and the pathologist [editorial] **Lancet** 1985 May 18;1(8438):1139–40

Some aspects of the appeals in Chamberlain v. The Queen. Gerber P. **Med J Aust** 1984 Sep 15;141(6):351–4

Multiple self-inflicted gunshot wounds. A case report. Singh B. **Med Law** 1985;4(1):77–9

Legislative report. 1985 Virginia General Assembly. Wiecking DK. **Med Leg Bull** 1985 May–Jun;34(3):1–10

The Dingo murder in retrospect. Cameron JM. **Med Leg J** 1984;52 (Pt 3):164–79

The forensic scanning electron microscope. Keeley R. **Med Leg J** 1984;52 (Pt 4):211–26

The work of the Criminal Injuries Compensation Board. Ogden M. **Med Leg J** 1984;52 (Pt 4):227–41

The second post-mortem and deaths overseas: a case report. Cordner SM. **Med Sci Law** 1984 Oct;24(4):261–4

Postcoital detection of a male-specific semen protein. Application to the investigation of rape. Graves HC, et al. **N Engl J Med** 1985 Feb 7;312(6):338–43

A method for the identification of seminal stains by enzymatic assay of choline. Tsutsumi A, et al. **Nippon Hoigaku Zasshi** 1984 Dec;38(6):778–84

Statistical evaluation on cases of the forensic autopsies and the judicial examination in the southern part of Osaka City. Report of 2000 legal examinations. Higuchi T, et al. **Osaka City Med J** 1983;29(2):185–97

Autopsy assessment of liver lacerations. A study of 62 cases. Moar JJ. **S Afr Med J** 1985 Aug 3;68(3):180–2

Early acute fatal carbon monoxide poisoning—assessment of the survival period. Moar JJ. **S Afr Med J** 1984 Oct 27; 66(17):650–2

Pulmonary embolism due to hepatic tissue—a forensic vital sign? A case report. Moar JJ. **S Afr Med J** 1984 Nov 3; 66(18):699–700

Problems of conscience and fact: consulting on medicolegal claims. Bettman JW. **Surv Ophthalmol** 1984 Sep–Oct; 29(2):137–8

Questioning death: Virginia's medical examiners. Heine G. **Va Med** 1985 May;112(5):310-4

Cases from the morgue. Wiecking DK. **Va Med** 1985 May; 112(5):306-9, 314

Homicidal blunt abdominal trauma with isolated laceration of the small bowel mesentery. Eriksson A. **Z Rechtsmed** 1984;93(2):143-6

Serum levels of digoxin in sudden cardiac deaths. Eriksson M, et al. **Z Rechtsmed** 1984;93(1):29-32

Gm typing by enzyme-linked immunosorbent assay (ELISA). Kishda T, et al. **Z Rechtsmed** 1984;93(1):23-7

A new method in criminology: use of ELISA to detect AFP on different materials with monoclonal anti-alpha-fetoprotein. Kurucz E, et al. **Z Rechtsmed** 1984; 93(2):117-21

Detection of malathion in a victim by gas chromatography/negative ion chemical ionization mass spectrometry. Suzuki O, et al. **Z Rechtsmed** 1985; 94(2):137-43

Fatal head injuries from firearms. An autopsy study of 270 cases. Thoresen S. **Z Rechtsmed** 1984;93(2):65-9

Evaluation of microbial soil identity in forensic science. Van Dijck PJ, et al. **Z Rechtsmed** 1984;93(2):71-7

[Determination of the age of subcutaneous hematomas in the soft tissue covering the skull] Hottmar P. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(5):493-9 (Eng. Abstr.) (Cze)

[Personal experience with the detection of sperm using leucylaminopeptidase] Dobisíková M, et al. **Soud Lek** 1984 Nov;29(4):60-3 (Eng. Abstr.) (Cze)

[Creatinine and urea in the vitreous body] Gregora Z. **Soud Lek** 1984 Nov;29(4):55-9 (Eng. Abstr.) (Cze)

[Determination of age based on the circumference of the aorta] Stefan J, et al. **Soud Lek** 1984 Nov;29(4):49-54 (Eng. Abstr.) (Cze)

[Areas of contact in forensic medicine, social medicine and the law] Stěpan J. **Soud Lek** 1984 May;29(2):29-31 (Cze)

[Deaths in diabetics—forensic aspects. A retrospective study of diabetes found in forensic autopsies over a period of 25 years] Dalgaard JB, et al. **Ugeskr Laeger** 1985 Jun 10; 147(24):1955-60 (Eng. Abstr.) (Dan)

[Supplementary appendectomies. Clinical and medicolegal aspects] Hollender LF, et al. **Chirurgie** 1984;110(6-7):621-9 (Eng. Abstr.) (Fre)

[Injury-causing agents and anatomical lesions] Taobane H, et al. **Maroc Med** 1985 Mar;7(1):385-90 (Fre)

[Hospital integration of forensic medicine. Organization in Lyon] Roche L. **Rev Med Suisse Romande** 1984 Nov; 104(11):939-42 (Fre)

[Biomechanics and the reconstruction of traffic accidents] Walz FH. **Rev Med Suisse Romande** 1984 Nov; 104(11):861-5 (Fre)

[Differential diagnosis of vital and postmortem processes in burn cadavers] Berg S, et al. **Arch Kriminol** 1985 Mar-Apr; 175(3-4):65-75 (Eng. Abstr.) (Ger)

[A simple procedure for characterizing the properties of biomechanical material in situ, especially human skin] Böhm E. **Arch Kriminol** 1984 Jul-Aug;174(1-2):40-50 (Ger)

[An unusual ability following a contact gunshot wound of the head] Bratzke H, et al. **Arch Kriminol** 1985 Jan-Feb; 175(1-2):31-9 (Ger)

[Determination of time of death by rectal temperature. Mathematical analysis of empirical material versus thermodynamic modeling. A critical case presentation] Henssge C, et al. **Arch Kriminol** 1984 Sep-Oct; 174(3-4):96-112 (Ger)

[Evaluation of fatal gunshot injuries (the weapon in the hand)] Krauland W. **Arch Kriminol** 1984 Jul-Aug; 174(1-2):1-22 (Eng. Abstr.) (Ger)

[Internal laryngeal hematoma. A contribution to death following blow to the neck] Maxeiner H. **Arch Kriminol** 1984 Jul-Aug;174(1-2):51-6 (Eng. Abstr.) (Ger)

[Findings in intermediate ridges of strangulation marks and their value as signs of vitality] Pollak S, et al. **Arch Kriminol** 1985 Mar-Apr;175(3-4):85-94 (Eng. Abstr.) (Ger)

[Unexpected effect of a shot from a 7,65 Browning cartridge: double death] Sellier K. **Arch Kriminol** 1984 Sep-Oct; 174(3-4):87-8 (Ger)

[Hydrolysis of lorazepam with hydrochloric acid. Qualitative and quantitative analysis of byproducts of hydrolysis] Verweij AM, et al. **Arch Kriminol** 1984 Jul-Aug; 174(1-2):35-9 (Eng. Abstr.) (Ger)

[Forms of drug crimes. A criminologic contribution on the manifestations of the criminal production and distribution of drugs as well as their practical significance] Wagner G. **Arch Kriminol** 1984 Nov-Dec;174(5-6):9-140 (Ger)

[Forensic demands of medical expert testimony] Piechowiak H. **Fortschr Med** 1985 Jan 10;103(1-2):63 (Ger)

[Care responsibilities of the surgeon in the jurisdiction of the federal court] Steffen E. **Langenbecks Arch Chir** 1984; 364:287-91 (Eng. Abstr.) (Ger)

[Insurance medicine evaluation of accidents in connection with drug administration] Köhler-Schmidt H, et al. **Lebensversicherungsmedizin** 1984 Nov 15;36(9):215-9 (Eng. Abstr.) (Ger)

[Use of autopsy certificates in life insurance medicine] Leithoff H, et al. **Lebensversicherungsmedizin** 1984 Nov 15; 36(9):202-5 (Eng. Abstr.) (Ger)

[Medical contributions to the legal problem in insurance on the use of seat belts] Lutz FU, et al. **Lebensversicherungsmedizin** 1984 Nov 15;36(9):212-5 (Eng. Abstr.) (Ger)

[Limits of the investigation of fatal traffic accidents from the forensic medicine viewpoint] Miltner E, et al. **Lebensversicherungsmedizin** 1984 Nov 15;36(9):208-12 (Eng. Abstr.) (Ger)

[Significance of alcohol in fatal industrial accidents] Püschel K, et al. **Lebensversicherungsmedizin** 1984 Nov 15; 36(9):219-23 (Eng. Abstr.) (Ger)

[Autopsy as an instrument of quality control in the medical determination of cause of death] Staak M, et al. **Lebensversicherungsmedizin** 1984 Nov 15;36(9):205-8 (Eng. Abstr.) (Ger)

[Legal medicine and forensic aspects of the cremation law] Penners BM. **Off Gesundheitswes** 1985 Apr;47(4):154-8 (Ger)

[Diagnostic and forensic problems in the simultaneous occurrence of asbestosis and pulmonary sideroelastosis (Ceelen disease). A case report] Raithel HJ, et al. **Prax Klin Pneumol** 1984 Oct;38(10):446-51 (Eng. Abstr.) (Ger)

[The general practitioner as a forensic medical officer at the examination of a corpse] Zink P. **Schweiz Rundsch Med Prax** 1984 Aug 14;73(33):1002-6 (Eng. Abstr.) (Ger)

[Introduction to principle questions of law for the young physician] Hering W, et al. **Z Arztl Fortbild (Jena)** 1985; 79(8):351-9 (Ger)

[Unusual poisonings and toxicologic study findings] Tiess D. **Z Gesamte Hyg** 1984 Dec;30(12):707-9 (Eng. Abstr.) (Ger)

[Time and state as modifying factors in the morphologic proof of death caused by violence. General observations] Adebahr G, et al. **Z Rechtsmed** 1984;93(4):251-8 (Eng. Abstr.) (Ger)

[Analysis of preliminary procedures in suits against physicians at the Aachen Public Prosecutor's Office between 1978 and 1981] Althoff H, et al. **Z Rechtsmed** 1984;93(4):273-82 (Eng. Abstr.) (Ger)

[Forensic medicine and clinical research] Berg S. **Z Rechtsmed** 1984;92(4):247-54 (Eng. Abstr.) (Ger)

[Color change in dental tissue as a sign of thermal damage] Endris R, et al. **Z Rechtsmed** 1985;94(2):109-20 (Eng. Abstr.) (Ger)

[Cessation of livor in defined pressure conditions] Fechner G, et al. **Z Rechtsmed** 1984;93(4):283-7 (Eng. Abstr.) (Ger)

[2 cases of pericardial tamponade caused by migration of fracture wires from the sternoclavicular joint] Gerlach D, et al. **Z Rechtsmed** 1984;93(1):53-60 (Eng. Abstr.) (Ger)

[Determination of the time of death by measurement of rectal temperature of corpses suspended in water] Henssge C, et al. **Z Rechtsmed** 1984;92(4):255-76 (Eng. Abstr.) (Ger)

[Determination of the time of death by measurement of central brain temperature] Henssge C, et al. **Z Rechtsmed** 1984;93(1):1-22 (Eng. Abstr.) (Ger)

[Determination of the time of death based on simultaneous measurement of brain and rectal temperatures] Henssge C, et al. **Z Rechtsmed** 1984;93(2):123-33 (Eng. Abstr.) (Ger)

[Was 'the incredible suicide by axe blows' in reality a homicide?] Keiser-Nielsen H. **Z Rechtsmed** 1984; 93(2):135-41 (Eng. Abstr.) (Ger)

[Fatal cocaine poisoning] Kisser W. **Z Rechtsmed** 1985; 94(2):155-8 (Eng. Abstr.) (Ger)

[Clomethiazole poisoning] Klug E, et al. **Z Rechtsmed** 1984; 93(2):89-94 (Eng. Abstr.) (Ger)

[Soft tissue hemorrhage within the larynx following strangulation] Maxeiner H. **Z Rechtsmed** 1985;94(2):127-35 (Eng. Abstr.) (Ger)

[Hole fracture of the base of the skull following a fall on the chin] Metzner G, et al. **Z Rechtsmed** 1984;93(1):49-51 (Eng. Abstr.) (Ger)

[Bolus death in abnormalities of the brain] Pozorski-Ritter C, et al. **Z Rechtsmed** 1984;93(1):43-7 (Eng. Abstr.) (Ger)

[Proof of death by drowning by smoker cells washed into the left heart blood] Reiter C. **Z Rechtsmed** 1984; 93(2):79-88 (Eng. Abstr.) (Ger)

[Hangman's fracture in ventrally flexed traction] Saternus KS, et al. **Z Rechtsmed** 1984;93(4):301-10 (Eng. Abstr.) (Ger)

[Postmortem evaluation of barbiturate poisonings] Schmoldt A, et al. **Z Rechtsmed** 1984;93(1):33-41 (Eng. Abstr.) (Ger)

[Textile changes in passenger clothing induced by seat belts at 50 km/h frontal impact] Schwarz G, et al. **Z Rechtsmed** 1984;92(4):291-306 (Eng. Abstr.) (Ger)

[Dependability of ABO findings in stored blood samples] Schwerd W, et al. **Z Rechtsmed** 1984;93(2):111-6 (Eng. Abstr.) (Ger)

[Role of drugs in traffic accidents. A pilot study of traffic accident offenders in Switzerland (Bern region)] Ulrich L, et al. **Z Rechtsmed** 1984;93(2):95-110 (Eng. Abstr.) (Ger)

[Distribution of elastic bodies (elastic globes) in healthy human skin. Studies with a dense grid] Vock R, et al. **Z Rechtsmed** 1985;94(1):1-8 (Eng. Abstr.) (Ger)

[Stages of postmortem formation of washerwoman's skin—results of systematic qualitative and quantitative experimental studies] Weber W, et al. **Z Rechtsmed** 1984; 92(4):277-90 (Eng. Abstr.) (Ger)

[Formation of alpha-aminobutyric acid in Clostridium sordellii] Huckenbeck W, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Oct; 258(1):62-8 (Eng. Abstr.) (Ger)

[Degradation of glutamic acid and proline in Clostridium sordellii under cadaveric bacteriological inspection] Huckenbeck W, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Oct; 258(1):51-61 (Eng. Abstr.) (Ger)

[Forensic-toxicologic importance of the detection of active ingredients of drugs in human bone remains] Benkö A, et al. **Morphol Igazsagugyi Orv Sz** 1984 Oct;24(4):300-4 (Eng. Abstr.) (Hun)

[Successful identification from incomplete skull fragments] Kósa F, et al. **Morphol Igazsagugyi Orv Sz** 1984 Jul; 24(3):228-32 (Hun)

[Value and limits of the auditory potentials of the brain stem in forensic medicine] Piemonte M. **Acta Otorhinolaryngol Ital** 1984 Jan-Feb;4(1):3-14 (Eng. Abstr.) (Ita)

[Symposium I: Determination of death] **Nippon Hoigaku Zasshi** 1984 Oct;38(5):496-507 (Eng. Abstr.) (Jpn)

[On a cadaver mummified within 25 days] Kashimura S, et al. **Nippon Hoigaku Zasshi** 1984 Jun;38(3):376-80 (Eng. Abstr.) (Jpn)

[Identification of human hemoglobin by enzyme-linked immunosorbent assay (ELISA) using hemoglobin-coated polystyrene beads—forensic immunological studies on human specificity. Report XVI] Oshima M, et al. **Nippon Hoigaku Zasshi** 1984 Apr;38(2):170-6 (Eng. Abstr.) (Jpn)

[Identification of human hemoglobin by enzyme-linked immunosorbent assay (ELISA) using hemoglobin-coated polystyrene beads (II). Forensic immunological studies on human specificity, report-XVII] Oshima M, et al. **Nippon Hoigaku Zasshi** 1984 Aug;38(4):403-9 (Eng. Abstr.) (Jpn)

[Medico-legal analysis of volatile poisons from severely burned organs. 1. A basic study on toluene] Tanaka N, et al. **Nippon Hoigaku Zasshi** 1984 Apr;38(2):218-23 (Eng. Abstr.) (Jpn)

[On the localization of enzymes in the human spermatozoa. I. Phosphatases] Taniguchi K, et al. **Nippon Hoigaku Zasshi** 1984 Aug;38(4):416-23 (Eng. Abstr.) (Jpn)

[Estimation of stature from somatometry of vertebral column in Japanese] Terazawa K, et al. **Nippon Hoigaku Zasshi** 1985 Feb;39(1):35-40 (Eng. Abstr.) (Jpn)

[Species identification of old bloodstains (approximately 60-670 years old) using antisera to human-Hb and -serum] Umetsu K, et al. **Nippon Hoigaku Zasshi** 1984 Apr; 38(2):195-8 (Eng. Abstr.) (Jpn)

[Identification of Y chromosome and bloodstains] Ishizu H. **Nippon Rinsho** 1984 Oct;42(10):2385-94 (36 ref.) (Jpn)

[Effect of heating on COHb% of the blood] Shigezane J, et al. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):265-70 (Eng. Abstr.) (Jpn)

[Legal medicine in the hospital] Reys LL. **Acta Med Port** 1985 Jan;6(1):25-9 (Eng. Abstr.) (Por)

[Medico-legal determination of age by the degree of tooth effacement] Cherniavskaia ZP. **Sud Med Ekspert** 1984 Jul-Sep;27(3):58-60 (Rus)

[Postmortem changes in human teeth and their significance for the determination of different periods of interment] Garazha NN. **Sud Med Ekspert** 1984 Jul-Sep;27(3):18-20 (Eng. Abstr.) (Rus)

[Forensic medical significance of pathological changes in the hair] Iusufov RM. **Sud Med Ekspert** 1985 Apr-Jun; 28(2):41-3 (Eng. Abstr.) (Rus)

[Active functioning of a fatally wounded person after a heart injury caused by firing a small-caliber TOZ-16 rifle] Kolobov IuV. **Sud Med Ekspert** 1984 Oct-Dec;27(4):56-7 (Rus)

[Characteristics of fractures of long tubular bones in children] Kriukov VN, et al. **Sud Med Ekspert** 1984 Jul-Sep; 27(3):56-7 (Eng. Abstr.) (Rus)

[Interaction of forensic medical and therapeutic services in preventing sudden death] Molin IuA. **Sud Med Ekspert** 1985 Apr-Jun;28(2):56-7 (Rus)

[Features of injuries as a result of falls from heights] Solokhin AA. **Sud Med Ekspert** 1984 Oct-Dec;27(4):18-23 (Eng. Abstr.) (Rus)

[Tasks of complex medico-legal investigation in cases of traffic accidents] Tishin VS, et al. **Sud Med Ekspert** 1984 Jul-Sep;27(3):11-4 (Eng. Abstr.) (Rus)

[Cooperation between therapeutic-preventive institutions and the forensic medicine bureau (data of a working group)] Zaslavskii GI, et al. **Sud Med Ekspert** 1985 Jan-Mar;28(1):42-3 (Rus)

[Forensic medical aspects of craniocerebral injury] Gromov AP. **Vestn Akad Med Nauk SSSR** 1984;(12):52-7 (Eng. Abstr.) (Rus)

[A rare case of suicide with a firearm] Novomeský F, et al. **Bratisl Lek Listy** 1984 Oct;82(4):1266-70 (Eng. Abstr.) (Slo)

[Analysis of cases of deliberate injuries with a fatal outcome during 1972-1981 from autopsy material of the Institute of Forensic Medicine at the Medical School Hospital in

Martin] Hulejová T, et al. **Soud Lek** 1984 Aug;29(3):40–5 (Eng. Abstr.) (Slo)

[Forensic pathology] González-Angulo A, et al. **Gac Med Mex** 1983 Feb;119(2):55–71 (Spa)

CLASSIFICATION

[Basic requirements for the classification of the harmful portions of blunt objects] Iankovskiĭ VE, et al. **Sud Med Ekspert** 1984 Jul–Sep;27(3):51–2 (Eng. Abstr.) (Rus)

EDUCATION

Forensic training in family practice residencies. Parlour RR, et al. **J Fam Pract** 1984 Nov;19(5):665–8

[Teaching forensic medicine at the S.M. Kirov Military Medical Academy (organization of the educational base)] Popov VL. **Sud Med Ekspert** 1984 Jul–Sep;27(3):53–4 (Rus)

[Improving the qualifications of forensic-medicine experts] Zagriadskaia AP, et al. **Sud Med Ekspert** 1984 Jul–Sep; 27(3):55–6 (Rus)

HISTORY

The writings of Sir Bernard Spilsbury: Part II. Eckert WG. **Am J Forensic Med Pathol** 1985 Mar;6(1):31–7

The history of forensic medicine in Hungary. Somogyi E. **Am J Forensic Med Pathol** 1985 Jun;6(2):145–7

Alfred Swaine Taylor (1806–1880), pioneer toxicologist—and a slight case of murder. Rosenfeld L. **Clin Chem** 1985 Jul; 31(7):1235–6

Death investigation in early colonial South Australia, 1839–40. Pounder DJ. **Med Sci Law** 1984 Oct;24(4):273–82

Death investigation in colonial South Australia: the early years 1836–1839. Pounder DJ. **Pathology** 1985 Jan; 17(1):129–34

[100 years of the Czech Institute for Forensic Medicine in Prague] Tesař J. **Soud Lek** 1984 Aug;29(3):33–9 (Eng. Abstr.) (Cze)

[Witch signs in forensic medicine of the 16th to 18th centuries] Birchler-Argyros UB. **Arch Kriminol** 1985 Jan–Feb;175(1–2):1–12 (Eng. Abstr.) (Ger)

[The Hetle case—forensic medicine experts had a leading part. The most debated criminal case in Norway—a 25-year memory] Madsen S, et al. **Tidsskr Nor Laegeforen** 1984 Dec 10;104(34):2386–7 (Eng. Abstr.) (Nor)

[Integration of clinical and forensic toxicology—the Cracow experience] Marek Z, et al. **Przegl Lek** 1984;41(7):469–70 (Pol)

[Military forensic physicians in World War II] Berezhnoĭ RV, et al. **Sud Med Ekspert** 1985 Apr–Jun;28(2):8–10 (Rus)

[100th anniversary of the S. M. Kirov Leningrad State Order of Lenin Institute for the Advanced Training of Physicians and the 60th anniversary of the Department of Forensic Medicine] Mazurenko MD, et al. **Sud Med Ekspert** 1984 Oct–Dec;27(4):57–9 (Eng. Abstr.) (Rus)

[The forensic physicians of blockaded Leningrad] Molchanov VI, et al. **Sud Med Ekspert** 1985 Apr–Jun;28(2):16–8 (Rus)

[Forensic medicine during the first few years of Soviet rule] Panfilenko OA. **Sud Med Ekspert** 1985 Jan–Mar;28(1):51–3 (Rus)

[Forensic medical expertise in investigating the crimes of the fascists at Auschwitz] Popov VL. **Sud Med Ekspert** 1985 Apr–Jun;28(2):14–6 (Rus)

[From the memoirs of an army forensic medical expert] Porksheian OKh. **Sud Med Ekspert** 1985 Apr–Jun; 28(2):19–20 (Rus)

[The role of Soviet forensic medical expertise in investigating the fascist crimes committed during World War II] Prozorovskiĭ VI, et al. **Sud Med Ekspert** 1985 Apr–Jun; 28(2):11–3 (Rus)

[Veterans of World War II—in formation!] Serebrennikov IM. **Sud Med Ekspert** 1985 Apr–Jun;28(2):20–1 (Rus)

[Participation of Soviet forensic physicians in investigating crimes committed by the fascists] Tomilin VV. **Voen Med Zh** 1985 Jun;(6):39–42 (Rus)

[The beginnings of the Institute of Forensic Medicine in Bratislava] Tichý M, et al. **Soud Lek** 1985 May;30(2):27–30 (Eng. Abstr.) (Slo)

INSTRUMENTATION

A device which allows dictation of the autopsy report during the autopsy. Eriksson A, et al. **Am J Forensic Med Pathol** 1984 Sep;5(3):279–82

METHODS

New hope for identifying the unidentified. The National Crime Information Center unidentified person/missing person files. Fierro MF, et al. **Am J Forensic Med Pathol** 1984 Dec;5(4):349–71

Procedure in identifying fingernail imprint in human skin survives appellate review. Starrs JE. **Am J Forensic Med Pathol** 1985 Jun;6(2):171–3

Burnt wife syndrome. Das Gupta SM, et al. **Ann Acad Med Singapore** 1984 Jan;13(1):37–42

Laboratory diagnosis of opiate drugs. Dutt MC. **Ann Acad Med Singapore** 1984 Jan;13(1):53–65

Forensic aspects of terrorism. Marshall TK. **Ann Acad Med Singapore** 1984 Jan;13(1):32–6

The coroner's role in mass disaster. Paul DM. **Ann Acad Med Singapore** 1984 Jan;13(1):16–9

Timing of wounds—an introductory review. Raekallio J. **Ann Acad Med Singapore** 1984 Jan;13(1):77–84

How to identify the Yakuza, Japanese racketeers—their sociology, criminology and physical characteristics. Tsunenari S, et al. **Ann Acad Med Singapore** 1984 Jan; 13(1):25–31

Serum strontium estimation as a diagnostic criterion of the type of drowning water. Abdallah AM, et al. **Forensic Sci Int** 1985 May;28(1):47–52

Identification of mechanical asphyxiation in cases of attempted masking of the homicide. Brinkmann B, et al. **Forensic Sci Int** 1984 Dec;26(4):235–45

Postmortem interval estimation from body temperature data only. Green MA, et al. **Forensic Sci Int** 1985 May; 28(1):35–46

The theoretical aspects of the time dependent Z equation as a means of postmortem interval estimation using body temperature data only. Green MA, et al. **Forensic Sci Int** 1985 May;28(1):53–62

Esterase D phenotyping of bloodstains and hair roots by low voltage isoelectric focusing. Yuasa I, et al. **Forensic Sci Int** 1985 May;28(1):63–7

Summary of skeletal identification in Tennessee: 1971–1981. Bass WM, et al. **J Forensic Sci** 1983 Jan;28(1):159–68

Clarifying the role of forensic anthropologists in death investigations. Sauer NJ, et al. **J Forensic Sci** 1984 Oct; 29(4):1081–6

Determination of sex with a discriminant analysis of new pelvic bone measurements: Part I. Schulter-Ellis FP, et al. **J Forensic Sci** 1983 Jan;28(1):169–80

Basic principles in the investigation of homicides. Di Maio VJ. **Pathol Annu** 1984;19 Pt 2:149–64

Potentials of capillary gas chromatography in toxicology today. Bogusz M, et al. **Z Rechtsmed** 1984;93(4):237–50

Evaluation of monoclonal anti-A and anti-B and affinity-purified Ulex europaeus lectin I for forensic blood grouping. Gaensslen RE, et al. **Z Rechtsmed** 1984; 93(4):259–68

[Evaluation of alcohol in the cerebrospinal fluid] Erben J, et al. **Soud Lek** 1984 May;29(2):22–4 (Eng. Abstr.) (Cze)

[Sex determination using a pulled out hair] Klir P, et al. **Soud Lek** 1984 May;29(2):17–21 (Eng. Abstr.) (Cze)

[Value of human lip lines and nail striations in identification] Endris R, et al. **Arch Kriminol** 1985 Jan–Feb;175(1–2):13–20 (Eng. Abstr.) (Ger)

[Use of the film impression procedure—a procedure for the detection of surface distribution of chemical elements in gunshot residues] Hoffmann R. **Arch Kriminol** 1985 Jan–Feb;175(1–2):21–30 (Eng. Abstr.) (Ger)

[Cytologic findings as indications: morphologic and immunohistochemical identification of human brain tissue on the clothing of a murderer] Oehmichen M, et al. **Arch Kriminol** 1984 May–Jun;173(5–6):129–41 (Eng. Abstr.) (Ger)

[Hanging: suicide or homicide?] Püschel K, et al. **Arch Kriminol** 1984 Nov–Dec;174(5–6):141–53 (Eng. Abstr.) (Ger)

[A spectacular sailing accident. A contribution to the problem of combined/concurrent causes of death in high-voltage injuries] Ranner G, et al. **Arch Kriminol** 1984 May–Jun; 173(5–6):142–50 (Eng. Abstr.) (Ger)

[Status of disintegration and forensic value of empty fly pupae] Reiter C, et al. **Arch Kriminol** 1985 Jan–Feb; 175(1–2):47–56 (Ger)

[Immunohistochemical study of blood group activities in severely burned human tissue] Tanaka N, et al. **Arch Kriminol** 1984 May–Jun;173(5–6):165–72 (Eng. Abstr.) (Ger)

[Progress in cytologic methods in forensic pathology] Oehmichen M. **Pathologe** 1984 Jul;5(4):200–3 (Ger)

[Toxicologic survey of findings in putrefied corpses. Corpse putrefaction in air] Arnold D, et al. **Z Rechtsmed** 1984; 93(3):151–64 (Eng. Abstr.) (Ger)

[Fatal colchicine poisoning] Harzer K. **Z Rechtsmed** 1984; 93(3):181–5 (Eng. Abstr.) (Ger)

[Gm and Km allotype determination in fresh and putrefied dilute stomach extracts] Henke J, et al. **Z Rechtsmed** 1984; 93(3):187–91 (Eng. Abstr.) (Ger)

[Supravital electrical excitability of muscles] Henssge C, et al. **Z Rechtsmed** 1984;93(3):165–74 (Eng. Abstr.) (Ger)

[Detectability of poisons in paraffin-embedded organ parts] Klöppel A, et al. **Z Rechtsmed** 1984;93(4):269–72 (Eng. Abstr.) (Ger)

[Immunohistochemical drug detection in autopsy material] Krämer M, et al. **Z Rechtsmed** 1984;93(3):147–50 (Eng. Abstr.) (Ger)

[Immunoenzyme determination of ABO and secretor status in paraffin-embedded autopsy material] Pedal I, et al. **Z Rechtsmed** 1984;93(4):289–300 (Eng. Abstr.) (Ger)

[Forensic application of the polymorphism of coagulation factor VIIIB] Pytlik C, et al. **Z Rechtsmed** 1984; 93(3):175–80 (Eng. Abstr.) (Ger)

[Heroin dependence as a rare cause of symmetrical globus pallidus necrosis] Risse M, et al. **Z Rechtsmed** 1984; 93(3):227–35 (Eng. Abstr.) (Ger)

[Value of bacteriologic studies within the scope of forensic autopsies] Schneider V. **Z Rechtsmed** 1985;94(2):81–92 (Eng. Abstr.) (Ger)

[Formation of epidermal damage at entry by gunshot with a contact weapon] Sigrist T. **Z Rechtsmed** 1984; 93(3):199–210 (Eng. Abstr.) (Ger)

[Establishment of the age of bruises in living persons by means of multi-dimensional statistical analysis] Anan'ev GV, et al. **Sud Med Ekspert** 1984 Oct–Dec;27(4):7–10 (Eng. Abstr.) (Rus)

[Classification of blunt solid objects] Gedygushev IA. **Sud Med Ekspert** 1984 Oct–Dec;27(4):50–2 (Rus)

[Determination of Glm(1) antigen in human saliva by anti-Glm(1) goat sera] Kolokolova GP. **Sud Med Ekspert** 1984 Jul–Sep;27(3):43–4 (Eng. Abstr.) (Rus)

[Determination of the sex and shape of the face by examination of the mandible] Korovianskiĭ OP, et al. **Sud Med Ekspert** 1984 Jul–Sep;27(3):34–9 (Eng. Abstr.) (Rus)

[Fractological studies of bones in forensic medicine] Kriukov VN. **Sud Med Ekspert** 1985 Jan–Mar;28(1):24–6 (Eng. Abstr.) (Rus)

[Study of the morphology of erythrocytes in incised skin wounds by means of scanning electron microscopy] Lazarov IK, et al. **Sud Med Ekspert** 1984 Oct–Dec; 27(4):16–8 (Eng. Abstr.) (Rus)

[Effect of seasonal temperature changes on the rate of cadaver destruction by fly larvae] Marchenko MI, et al. **Sud Med Ekspert** 1984 Oct–Dec;27(4):11–4 (Eng. Abstr.) (Rus)

[Method of isolation of veratrine from cadaveric material] Mironova TV. **Sud Med Ekspert** 1984 Jul–Sep;27(3):50–1 (Eng. Abstr.) (Rus)

[Various features of the use of infrared spectrophotometry in forensic chemical studies] Movshovich AA, et al. **Sud Med Ekspert** 1984 Oct–Dec;27(4):41–2 (Eng. Abstr.) (Rus)

[Estimation of the time of thoracic and abdominal injuries] Nikolaev BS. **Sud Med Ekspert** 1985 Jan–Mar;28(1):21–3 (Eng. Abstr.) (Rus)

[Prospects for using the electron paramagnetic resonance method in forensic medicine] Pashinian GA. **Sud Med Ekspert** 1985 Apr–Jun;28(2):54–5 (10 ref.) (Rus)

[Method of identifying persons by their skulls using the photomatching technic] Piatkevich MM, et al. **Sud Med Ekspert** 1984 Oct–Dec;27(4):31–3 (Eng. Abstr.) (Rus)

[Medico-legal diagnosis of acute ethylene glycol poisoning] Sakharov GIu, et al. **Sud Med Ekspert** 1984 Jul–Sep; 27(3):28–31 (Eng. Abstr.) (Rus)

[Echo-ophthalmological examination in forensic medicine] Shimanovich RL, et al. **Sud Med Ekspert** 1985 Jan–Mar; 28(1):49–50 (Rus)

[Logical methods in forensic medicine] Solokhin AA, et al. **Sud Med Ekspert** 1985 Jan–Mar;28(1):3–9 (Eng. Abstr.) (Rus)

[Determination of time of death] Tomilin VV, et al. **Sud Med Ekspert** 1984 Oct–Dec;27(4):44–7 (80 ref.) (Rus)

[Use of the orthogonal function method for background suppression in forensic chemical determination of various herbicides in biological material] Vergeĭchik TKh, et al. **Sud Med Ekspert** 1984 Jul–Sep;27(3):47–9 (Eng. Abstr.) (Rus)

STANDARDS

A failure to communicate: the need for standardization of procedures for the exchange of identification information of crime and mass disaster victims. Choi E, et al. **Ann Acad Med Singapore** 1984 Jan;13(1):8–11

The pathologist in the courtroom: peer review is needed. Ackerman AB. **Hum Pathol** 1985 Aug;16(8):761–2

Proficiency testing in forensic toxicology: a feasibility study. Peat MA, et al. **J Forensic Sci** 1983 Jan;28(1):139–58

Interlaboratory survey on thallium in urine. Geldmacher-von Mallinckrodt M, et al. **Z Rechtsmed** 1984;93(3):219–25

[Examples of failures in forensic medicine] Dzida J, et al. **Patol Pol** 1984 Jul–Sep;35(3):383–8 (Pol)

[Shortcomings of reports of forensic medicine experts with regard to the professional malpractice of medical workers] Panov IE, et al. **Sud Med Ekspert** 1985 Jan–Mar;28(1):48–9 (Rus)

[Tasks of improving forensic medical expertise in presenting material evidence] Panov IE, et al. **Sud Med Ekspert** 1985 Apr–Jun;28(2):25–9 (Eng. Abstr.) (Rus)

TRENDS

Forensic psychiatry: critique of a critique. Zonana HV. **Bull Am Acad Psychiatry Law** 1984;12(3):237–41

Methods and future prospects for forensic identification of hairs by electrophoresis. Marshall RC, et al. **J Forensic Sci Soc** 1985 Jan–Feb;25(1):57–66

[Medicine and the law] Deutsch E. **Lebensversicherungsmedizin** 1984 Nov 15;36(9):201–2 (Ger)

[Selected problems of forensic and clinical toxicology] Borkowski T. **Przegl Lek** 1984;41(7):471–3 (Pol)

[Current problems in the participation of forensic physicians in solving public health tasks] Gromov AP, et al. **Sud Med Ekspert** 1985 Apr–Jun;28(2):21–5 (Eng. Abstr.) (Rus)

[Status and developmental prospects of forensic medical expertise on matter of biological origin] Kisin MV, et al. **Sud Med Ekspert** 1985 Apr–Jun;28(2):33–7 (79 ref.) (Eng. Abstr.) **(Rus)**

[Current status and developmental prospects for forensic medical cytological research] Zagriadskaia AP. **Sud Med Ekspert** 1985 Apr–Jun;28(2):40–1 (Eng. Abstr.) **(Rus)**

FORENSIC PSYCHIATRY

The use of hypnosis with defendants. Mutter CB. **Am J Clin Hypn** 1984 Jul;27(1):42–51

A psychiatric view of another survivor of homicide. The cop who kills. Danto BL. **Am J Forensic Med Pathol** 1984 Sep;5(3):257–63

The insanity defense: effects of abolition unsupported by a moral consensus. Cobun LS. **Am J Law Med** 1984 Winter; 9(4):471–500

Tarasoff and the clinician: problems in fulfilling the duty to protect. Appelbaum PS. **Am J Psychiatry** 1985 Apr; 142(4):425–9

The insanity defense: beyond exculpation [letter] Forrest DV. **Am J Psychiatry** 1985 Oct;142(10):1229

Toward unity: the joint statement of the American Medical Association and the American Psychiatric Association regarding the insanity defense [editorial] McGrath JJ. **Am J Psychiatry** 1985 Sep;142(9):1058–9

The psychiatrist in court. Grounds A. **Br J Hosp Med** 1985 Jul;34(1):55–8

Law, psychiatry and women's imprisonment. A sociological view. Carlen P. **Br J Psychiatry** 1985 Jun;146:618–21

Examining children who are Wards of Court [letter] Maratos J. **Br J Psychiatry** 1985 Feb;146:216

The little used defence of insanity. **Br Med J [Clin Res]** 1985 Jan 5;290(6461):56–7

Use and abuse of psychiatric testimony. Chiswick D. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):975–7

The ethical dilemmas of forensic psychiatry: a utilitarian approach. Halleck SL. **Bull Am Acad Psychiatry Law** 1984; 12(3):279–88

Comprehensive survey of forensic psychiatrists: their training and their practices. Hanson CD, et al. **Bull Am Acad Psychiatry Law** 1984;12(4):403–10

Oregon's new insanity defense system: a review of the first five years, 1978 to 1982. Rogers JL, et al. **Bull Am Acad Psychiatry Law** 1984;12(4):383–402

Practical ethical problems of the forensic psychiatrist in dealing with attorneys. Sadoff RL. **Bull Am Acad Psychiatry Law** 1984;12(3):243–52

Criminality of discharged insanity acquittees: fifteen year experience in Maryland reviewed. Spodak MK, et al. **Bull Am Acad Psychiatry Law** 1984;12(4):373–82

Ethical issues in forensic psychiatry: from an attorney's perspective. Weiner BA. **Bull Am Acad Psychiatry Law** 1984;12(3):253–61

How should forensic psychiatry police itself? Guidelines and grievances: the AAPL Committee on Ethics. Weinstein HC. **Bull Am Acad Psychiatry Law** 1984;12(3):289–302

The treatment review panel: a solution to treatment refusal? Zito JM, et al. **Bull Am Acad Psychiatry Law** 1984; 12(4):349–58

The insanity defence. Milliken AD. **Can J Psychiatry** 1985 Aug;30(5):323–8

Forensic psychiatric assessments in the Northwest territories. Seltzer A, et al. **Can J Psychiatry** 1984 Dec;29(8):665–8

Psychiatric diagnosis and competency to stand trial. Reich J, et al. **Compr Psychiatry** 1985 Sep–Oct;26(5):421–32

Handwriting of the alcoholic. Beck J. **Forensic Sci Int** 1985 May;28(1):19–26

Treatment planning for the patient who is incompetent to stand trial. Davis DL. **Hosp Community Psychiatry** 1985 Mar;36(3):268–71

Competency to stand trial: neuroleptic medication and demeanor in court. Geller JL, et al. **Hosp Community Psychiatry** 1985 Jan;36(1):6–7

The insanity defense: a difficult necessity. McGrath JJ. **Hosp Community Psychiatry** 1985 Jan;36(1):54–5

The insanity defense: the case for abolition. Perr IN. **Hosp Community Psychiatry** 1985 Jan;36(1):51–4

Examining the application of the guilty but mentally ill verdict in Michigan. Petrella RC, et al. **Hosp Community Psychiatry** 1985 Mar;36(3):254–9

Motivation among forensic patients facing trial [letter] Savitsky JC, et al. **Hosp Community Psychiatry** 1985 Mar; 36(3):301–2

Psychiatric consultation in Catholic annulment proceedings. Young JL, et al. **Hosp Community Psychiatry** 1985 Apr; 36(4):346–7

Confidentiality in the forensic evaluation. Appelbaum PS. **Int J Law Psychiatry** 1984;7(3–4):285–300

Subjective data and suicide assessment in the light of recent legal developments. Part II: Clinical uses of legal standards in the interpretation of subjective data. Bursztajn H, et al. **Int J Law Psychiatry** 1983;6(3–4):331–50

The role of the psychiatrist in the penitentiary appeal court in The Netherlands. de Smit NW. **Int J Law Psychiatry** 1983;6(3–4):473–9

Psychological abnormality and capital sentencing. The new 'diminished responsibility'. Dix GE. **Int J Law Psychiatry** 1984;7(3–4):249–67

Responsibility, unconscious motivation, and social order. Eagle MN. **Int J Law Psychiatry** 1983;6(3–4):263–91

Some issues in the assessment of sexual deviance. Earls CM. **Int J Law Psychiatry** 1983;6(3–4):431–41

Subjective data and suicide assessment in the light of recent legal developments. Part I: Malpractice prevention and the use of subjective data. Gutheil TG, et al. **Int J Law Psychiatry** 1983;6(3–4):317–29

'Plain crazy:' lay definitions of legal insanity. Hans VP, et al. **Int J Law Psychiatry** 1984;7(2):105–14

Assessments of dangerousness: observations in six countries. A summary of results from a WHO coordinated study. Harding TW, et al. **Int J Law Psychiatry** 1983;6(3–4):391–8

A follow-up study of persons found incompetent to stand trial and/or not guilty by reason of insanity in Quebec. Hodgins S. **Int J Law Psychiatry** 1983;6(3–4):399–411

Unfitness for trial in Scotland: proposed adjudication of the facts and the right to reprosecute. Normand AC. **Int J Law Psychiatry** 1984;7(3–4):415–35

The Fitness to stand trial Interview Test: how four professions rate videotaped fitness interviews. Roesch R, et al. **Int J Law Psychiatry** 1984;7(2):115–31

Punishment as treatment and the obligations of treatment providers. Schopp RF. **Int J Law Psychiatry** 1984; 7(2):197–205

Predicting dangerousness among the mentally ill: art, magic and science. Steadman HJ. **Int J Law Psychiatry** 1983; 6(3–4):381–90

The Insanity Defense Reform Act in New York State, 1980–1983. Stokman CL, et al. **Int J Law Psychiatry** 1984; 7(3–4):367–84

Aggression and the XYY personality. Theilgaard A. **Int J Law Psychiatry** 1983;6(3–4):413–21

Termination of parental rights—ethical issues and role conflicts. Schoettle UC. **J Am Acad Child Psychiatry** 1984 Sep;23(5):629–32

Predicting WAIS-R scores from the Revised Beta for low functioning minority group offenders. Hiltonsmith RW, et al. **J Clin Psychol** 1984 Jul;40(4):1063–6

Use of the SADS diagnostic interview in evaluating legal insanity. Rogers R, et al. **J Clin Psychol** 1984 Nov; 40(6):1537–41

Irrational beliefs of shoplifters. Solomon GS, et al. **J Clin Psychol** 1984 Jul;40(4):1075–7

Qualifying the psychiatrist as a lay witness: a reaction to the American Psychiatric Association petition in Barefoot v. Estelle. Bennett GT, et al. **J Forensic Sci** 1985 Apr; 30(2):462–6

Competence to proceed: a functional and context-determinative decision. Bennett GT, et al. **J Forensic Sci** 1984 Oct;29(4):1119–26

Psychodiagnostic testing of sex offenders: a comparative study. Bonheur HH. **J Forensic Sci** 1983 Jan;28(1):49–60

Diagnostic and Statistical Manual-III: a perspective from family court. Garmise R, et al. **J Forensic Sci** 1984 Oct; 29(4):1127–39

A deaf sex offender. Harry B. **J Forensic Sci** 1984 Oct; 29(4):1140–3

Geriatric felons examined at a forensic psychiatry clinic. Rosner R, et al. **J Forensic Sci** 1985 Jul;30(3):730–40

Forensic psychiatric evaluations of women accused of felonies: a three-year descriptive study. Rosner R, et al. **J Forensic Sci** 1985 Jul;30(3):721–9

Physicians' confusion demonstrated by competency requests. Weinstock R, et al. **J Forensic Sci** 1985 Jan;30(1):37–43

Patterns of practice with the TAT in juvenile forensic settings. Haynes JP, et al. **J Pers Assess** 1985 Feb;49(1):26–9

Scientific status of refreshing recollection by the use of hypnosis. Council on Scientific Affairs. **JAMA** 1985 Apr 5;253(13):1918–23

Abolition not reform. Borelli N. **JAMA** 1985 Jan 18; 253(3):397

Realities not myths [editorial] Glass RM. **JAMA** 1985 Jan 18;253(3):399

The insanity defense [letter] Marcus RL. **JAMA** 1985 Jan 25;253(4):510

Definition of insanity. Brahams D. **Lancet** 1984 Nov 10; 2(8411):1108

Epilepsy and insanity [letter] Hamilton JR. **Lancet** 1984 Oct 27;2(8409):989

Definition of insanity. Wells WT. **Lancet** 1984 Oct 20; 2(8408):937

Ben-Ari v. Shapira: contempt proceedings against mentally ill persons in the Supreme Court of Israel Civil Appeal. Levi J. **Med Law** 1985;4(1):81–4

Legal insanity and its implications [editorial] Brahams D. **Med Leg J** 1984;52 (Pt 4):205–7

The Berwid case [letter] Lehrman NS. **NY State J Med** 1985 May;85(5):198–9

Perverse tendencies and established victim-prone perversions. Medlicott RW. **NZ Med J** 1985 Mar 13; 98(774):147–50

Psychiatric forensic examinations. A decade review. Wickware DM. **Psychiatr J Univ Ottawa** 1985 Mar; 10(1):34–6

Further comments on the insanity defense in the aftermath of the Hinckley trial. Halpern AL. **Psychiatr Q** 1984 Spring;56(1):62–9

Dangerousness and violence in hospitalized mentally ill offenders. Stokman CL. **Psychiatr Q** 1984 Summer; 56(2):138–43

Predicting probability of attaining fitness to stand trial. Cuneo DJ, et al. **Psychol Rep** 1984 Aug;55(1):35–9

Effects upon social perceptions of the insanity plea. Faulstich ME. **Psychol Rep** 1984 Aug;55(1):183–7

Psychological autopsies in court. Litman RE. **Suicide Life Threat Behav** 1984 Summer;14(2):88–95

[Evaluation of the record of the questioning of the accused and the witness by an expert psychiatrist] Musil J. **Cesk Psychiatr** 1985 Jun;81(3):192–7 (Eng. Abstr.) **(Cze)**

[The legal importance of the citizen's will in the modern development of mental health care] Stěpán J. **Cesk Psychiatr** 1985 Apr;81(2):124–33 (Eng. Abstr.) **(Cze)**

[Retrospective study of mental patients who have committed criminal acts] Hodgins S, et al. **Can J Psychiatry** 1984 Dec; 29(8):669–75 (Eng. Abstr.) **(Fre)**

[Psychiatric expertise of the partner murderer: when can one infer a 'crime of passion'?] Beyaert FH. **Rev Med Suisse Romande** 1985 Jan;105(1):17–22 **(Fre)**

[Penal responsibility, always and again] Bovet J. **Rev Med Suisse Romande** 1985 Jan;105(1):5–7 **(Fre)**

[Treatment and justice] Bowden P. **Rev Med Suisse Romande** 1985 Jan;105(1):53–8 **(Fre)**

[The physician facing dangerous behavior] Harding TW. **Rev Med Suisse Romande** 1985 Jan;105(1):23–31 **(Fre)**

[The psychiatric verdict: from the responsibility of the defendant to the responsibilities of psychiatry] Robert CN. **Rev Med Suisse Romande** 1984 Aug;104(8):629–36 **(Fre)**

[Does the evaluation of affect crimes deal with a psychopathologic problem?] Sass H. **Fortschr Neurol Psychiatr** 1985 Feb;53(2):55–62 (Eng. Abstr.) **(Ger)**

[The myth of the lucid interval. Evaluation of testability] Rasch W, et al. **Lebensversicherungsmedizin** 1985 Jan 1; 37(1):2, 4, 6–8 (Eng. Abstr.) **(Ger)**

[Clinical and forensic evaluation of twilight states] Athen D. **Off Gesundheitswes** 1985 Feb;47(2):65–7 **(Ger)**

[Frank Wedekind's street ballad 'The teacher of Mezzodur.' A poetisized case study from the area of forensic psychiatry] Weidl E. **Psyche (Stuttg)** 1985 Jul;39(7):634–47 (Eng. Abstr.) **(Ger)**

[Suicide in psychiatric therapy: problem sketch and consequences for forensic psychiatry evaluation] Rösler M. **Psychiatr Prax** 1985 May;12(3):90–3 (Eng. Abstr.) **(Ger)**

[Problems of the short form of the Hamburg-Wechsler Intelligence Test for Adults] Wotruba A, et al. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(2):281–6 (Eng. Abstr.) **(Ger)**

[Case of the lawsuit as a contribution to reflections on the etiology of sexual deviations] Godlewski J. **Psychiatr Pol** 1984 Sep–Oct;18(5):503–5 **(Pol)**

[Complex psychologico-psychiatric expert testimony with regard to affective reactions in mentally normal persons and in psychopaths] Pechernikova TP, et al. **Sud Med Ekspert** 1985 Jan–Mar;28(1):35–9 (Eng. Abstr.) **(Rus)**

[Features and forensic-psychiatric significance of psychogenic jealousy in psychopathies in women] Kozlova AM. **Zh Nevropatol Psikhiatr** 1985;85(3):435–9 (Eng. Abstr.) **(Rus)**

[Clinical picture and forensic psychiatric significance of jealousy delusions in schizophrenic women] Kozlova AM. **Zh Nevropatol Psikhiatr** 1984;84(8):1209–13 (Eng. Abstr.) **(Rus)**

[The role of the psychiatrist as an expert in legal proceedings] Wiedermann V, et al. **Bratisl Lek Listy** 1984 Aug; 82(2):997–1003 (Eng. Abstr.) **(Slo)**

EDUCATION

Committee on Accreditation of Fellowships in Forensic Psychiatry. Rosner R. **J Forensic Sci** 1983 Jan;28(1):8–14

[The training of medicolegal psychiatrists] Gunn J. **Rev Med Suisse Romande** 1985 Jan;105(1):33–7 **(Fre)**

HISTORY

The first presidential assassination attempt. Zonana H. **Bull Am Acad Psychiatry Law** 1984;12(4):309–22

Courting disaster. Recollections of an Indiana judge about Dr. E. Rogers Smith. Buchanan PH Jr. **Indiana Med** 1985 Aug;78(8):660

Historical developments in psychiatric forensic evidence: the British experience. Eigen JP. **Int J Law Psychiatry** 1983; 6(3–4):423–9

LEGISLATION & JURISPRUDENCE

Current status of institutionalized mental health patients' right to refuse psychotropic drugs. Kemna DJ. **J Leg Med (Chicago)** 1985 Mar;6(1):107–38 (0 ref.)

Competence and informed consent. Sadoff RL. **New Dir Ment Health Serv** 1985 Mar;(25):25–34

[Mentally abnormal delinquents and penal justice] Robert CN. **Rev Med Suisse Romande** 1984 Aug;104(8):615–28 **(Fre)**

[Should we rethink the final authority of expertise based on Article 13 of the Swiss Penal Code?] Stettler M. **Rev Med Suisse Romande** 1984 Aug;104(8):599–611, 613–4 **(Fre)**

METHODS

Forensic hypnosis: to hypnotize, or not to hypnotize, that is the question! Hibler NS. **Am J Clin Hypn** 1984 Jul; 27(1):52–7

Competency to stand trial: neuroleptic medication and

demeanor in court. Geller JL, et al. **Hosp Community Psychiatry** 1985 Jan;36(1):6–7
Complications, consent, and cognitions in sex between children and adults. Abel GG, et al. **Int J Law Psychiatry** 1984;7(1):89–103
Aggression against pedophiles. Brongersma E. **Int J Law Psychiatry** 1984;7(1):79–87
Violent and aggressive behavior by criminal psychopaths. Hare RD, et al. **Int J Law Psychiatry** 1984;7(1):35–50
Mentally disordered firesetters: psychodynamic versus empirical approaches. Harris GT, et al. **Int J Law Psychiatry** 1984;7(1):19–34
A behavioral view of rape. Marshall WL, et al. **Int J Law Psychiatry** 1984;7(1):51–77

STANDARDS

[The concept of responsibility] Delaloye R. **Rev Med Suisse Romande** 1985 Jan;105(1):9–15 **(Fre)**
[Psychological diagnosis in expert testimony] Meerzon MM. **Zh Nevropatol Psikhiatr** 1985;85(3):458–9 **(Rus)**

TRENDS

The statutory definition of a mentally ill person in N.S.W. 1958–1983. Shea PB. **Aust NZ J Psychiatry** 1984 Sep;18(3):218–23
Psychiatric ethics in the courtroom. Appelbaum PS. **Bull Am Acad Psychiatry Law** 1984;12(3):225–31
The ethical practice of forensic psychiatry: a view from the trenches. Ciccone JR, et al. **Bull Am Acad Psychiatry Law** 1984;12(3):263–77
The ivory tower v. the marketplace. Modlin HC. **Bull Am Acad Psychiatry Law** 1984;12(3):233–6
The ethical boundaries of forensic psychiatry: a view from the ivory tower. Stone AA. **Bull Am Acad Psychiatry Law** 1984;12(3):209–19
Response from a straw man. Watson AS. **Bull Am Acad Psychiatry Law** 1984;12(3):221–4
The mythology of legal decision making. Konečni VJ, et al. **Int J Law Psychiatry** 1984;7(1):5–18
Forensic psychiatry in Taiwan. Kuo SH. **Int J Law Psychiatry** 1983;6(3–4):457–72
Forensic psychiatry in The Netherlands: positioning and functioning of Dutch forensic psychiatrists. Schnitzler JG. **Int J Law Psychiatry** 1983;6(3–4):443–55
[Current legal developments and psychiatric practice] Helmchen H. **Nervenarzt** 1984 Nov;55(11):565–73 **(Ger)**

FORESTIER–CERTONCINY SYNDROME see **POLYMYALGIA RHEUMATICA**

FORHISTAL see **DIMETHINDENE**

FORM PERCEPTION

see related
VISUAL ACUITY

Planning speech: a picture's words worth. Cooper WE, et al. **Acta Psychol (Amst)** 1985 Feb;58(2):107–14
Speed–accuracy trade–off and time of day. Craig A, et al. **Acta Psychol (Amst)** 1985 Feb;58(2):115–22
Calculation of time differences between pairs of clock times. Goolkasian P, et al. **Acta Psychol (Amst)** 1985 Mar;58(3):219–24
Knowledge within perception: masking caused by incompatible interpretation. Leeuwenberg E, et al. **Acta Psychol (Amst)** 1985 May;59(1):91–102
The effect of irrelevant cues on 'same–different' judgments in a sequential information processing task. Overmyer SP, et al. **Acta Psychol (Amst)** 1985 Mar;58(3):237–49
The role of symmetry in shape perception. Palmer SE. **Acta Psychol (Amst)** 1985 May;59(1):67–90
Adolescents' visual preference for color over form. Uba A. **Adolescence** 1985 Spring;20(77):185–8
Variability and consistency in picture naming by aphasic patients. Howard D, et al. **Adv Neurol** 1984;42:263–76
Short–term memory for pictures and words by mentally retarded and nonretarded persons. Ellis NR, et al. **Am J Ment Defic** 1985 May;89(6):622–6
Facilitating visual discrimination learning of moderately and severely mentally retarded children through illumination of stimuli. Meador DM, et al. **Am J Ment Defic** 1984 Nov;89(3):313–6
Effects of color on visual discrimination of geometric symbols by severely and profoundly mentally retarded individuals. Meador DM. **Am J Ment Defic** 1984 Nov;89(3):275–86
Speed of information–processing and structural limitations by mentally retarded and dual–diagnosed retarded–schizophrenic persons. Saccuzzo DP, et al. **Am J Ment Defic** 1984 Sep;89(2):187–94
Effect of a concurrent counting task on dynamic visual accommodation. Malmstrom FV, et al. **Am J Optom Physiol Opt** 1984 Sep;61(9):590–4
Susceptibility to backward masking in schizophrenic patients with positive or negative symptoms. Green M, et al. **Am J Psychiatry** 1984 Oct;141(10):1273–5
Birkhoff revisited: beauty as a function of effect and means. Boselie F, et al. **Am J Psychol** 1985 Spring;98(1):1–39
Effects of stimulus probability and visual similarity on stimulus encoding. Irwin DE, et al. **Am J Psychol** 1985 Spring;98(1):85–100
Effect of blank time on picture recognition. Kallman HJ. **Am J Psychol** 1984 Fall;97(3):399–406
Measures of displacement and type of background in apparent motion with random–dot cinematograms. Lenel JC, et al. **Am J Psychol** 1984 Winter;97(4):563–81
Complexity effects on reaction–time measures of visual persistence: evidence for peripheral and central contributions. Long GM, et al. **Am J Psychol** 1984 Winter;97(4):537–61
Comparison scan training and the matching and scanning performance of severely and profoundly mentally retarded students. Lyon SR, et al. **Appl Res Ment Retard** 1984;5(4):439–49
Preserved stenography reading in a patient with pure alexia. A model for dissociated reading processes. Regard M, et al. **Arch Neurol** 1985 Apr;42(4):400–2
The structure of images. Koenderink JJ. **Biol Cybern** 1984;50(5):363–70
A model for size– and rotation–invariant pattern processing in the visual system. Reitboeck HJ, et al. **Biol Cybern** 1984;51(2):113–21
Human pattern recognition: evidence for a switching between strategies in analyzing complex stimuli. Ronacher B. **Biol Cybern** 1984;51(3):205–10
The effect of pictures on the acquisition of a small vocabulary of similar sight–words. Saunders RJ, et al. **Br J Educ Psychol** 1984 Nov;54 (Pt 3):265–75
Impaired contrast sensitivity in diabetic patients with and without retinopathy: a new technique for rapid assessment. Della Sala S, et al. **Br J Ophthalmol** 1985 Feb;69(2):136–42
Development of face recognition: an encoding switch? Flin RH. **Br J Psychol** 1985 Feb;76 (Pt 1):123–34
Lateralized processes in face recognition. Rhodes G. **Br J Psychol** 1985 May;76 (Pt 2):249–71
Body–image consciousness and self–reference effects in face recognition. Mueller JH, et al. **Br J Soc Psychol** 1984 Sep;23 (Pt 3):277–9
Processing of faces by patients with unilateral hemisphere lesions. I. Dissociation between judgments of facial affect and facial identity. Bowers D, et al. **Brain Cogn** 1985 Jul;4(3):258–72
Effects of a concurrent memory task on hemispheric asymmetries in categorization. Hass EJ, et al. **Brain Cogn** 1985 Jan;4(1):13–26
Perceptual interference and hemispheric specialization. Hines D, et al. **Brain Cogn** 1985 Jan;4(1):76–89
Hemispheric asymmetry in memory search for four–letter names and human faces. O'Boyle MW. **Brain Cogn** 1985 Jan;4(1):104–32
Hemispheric patterns in visual search. Polich J. **Brain Cogn** 1984 Apr;[illegible](2):128–39
Perceptual asymmetries [illegible] recognition. Rhodes G. **Brain Cogn** 1985 Apr;[illegible]97–218
Unilateral versus bilateral presentation methods in the reaction time paradigm. Seitz KS, et al. **Brain Cogn** 1984 Oct;3(4):413–25
Development of differences in response latencies to right and left visual fields. Stillman R, et al. **Brain Cogn** 1984 Jul;3(3):335–42
Face memory and hemispheric preference: emotionality and extraversion. Thompson WB, et al. **Brain Cogn** 1984 Jul;3(3):239–48
Right–hemisphere interactions in picture–word processing. Underwood G, et al. **Brain Cogn** 1985 Jul;4(3):273–86
Feature–processing deficits following brain injury. I. Overselectivity in recognition memory for compound stimuli. Wayland S, et al. **Brain Cogn** 1985 Jul;4(3):338–55
Sex in lateralized tachistoscopic word recognition. Boles DB. **Brain Lang** 1984 Nov;23(2):307–17
Orthogonality of patterns does not predict their discriminability. Emerson VF, et al. **Can J Psychol** 1984 Dec;38(4):551–60
The perception of stimulus shape: the influence of velocity of stimulus movement. Byrne JM, et al. **Child Dev** 1984 Aug;55(4):1625–9
Noncontingent stimulation, stimulus familiarization, and subsequent learning in young infants. Gekoski MJ, et al. **Child Dev** 1984 Dec;55(6):2226–33
Attention to quantitative and configural properties of abstract visual patterns by children and adults. Mendelson MJ. **Child Dev** 1984 Oct;55(5):1789–98
The generalized discrimination of facial expressions by seven–month–old infants. Nelson CA, et al. **Child Dev** 1985 Feb;56(1):58–61
Intellectual realism: the role of children's interpretations of pictures and perceptual verbs. Pillow BH, et al. **Child Dev** 1985 Jun;56(3):664–70
An information–processing analysis of children's accuracy in predicting the appearance of rotated stimuli. Rosser RA, et al. **Child Dev** 1984 Dec;55(6):2204–11
Lateral differences in face processing: task and modality effects. Bruyer R, et al. **Cortex** 1984 Sep;20(3):377–90
Pattern electroretinogram and glaucoma. van Lith G, et al. **Dev Ophthalmol** 1984;9:133–9
The effects of retroactive and proactive interference on learning and memory in old and young rats. Winocur G. **Dev Psychobiol** 1984 Sep;17(5):537–45
Source derivation of the visual evoked response to pattern reversal stimulation. Clement RA, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;62(1):74–6
Scalp potential fields evoked by grating stimuli: effects of spatial frequency and orientation. Skrandies W. **Electroencephalogr Clin Neurophysiol** 1984 Oct;58(4):325–32
Signal detection in a noisy background figure through a limited visual field. Saito S, et al. **Ergonomics** 1984 Jul;27(7):745–54
Influence of edge sharpness on the accommodation of the human eye. Korge A, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;222(1):26–8
Is the airport symbol sufficient to convey route information? Whitaker LA. **Hum Factors** 1985 Apr;27(2):229–33
A developmental study of face recognition in children and adolescents. Grüsser OJ, et al. **Hum Neurobiol** 1985;4(1):33–9
Hidden–face recognition: comparing foveal and extrafoveal performance. Hübner M, et al. **Hum Neurobiol** 1985;4(1):1–7
Hemispheric asymmetry in face perception tasks of different cognitive requirement. Marzi CA, et al. **Hum Neurobiol** 1985;4(1):15–20
Pattern ERGs and visual evoked potentials in maculopathies and optic nerve diseases. Celesia GG, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):726–35
Spatial contrast transfer functions of the pattern–evoked electroretinogram. Korth M, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):303–8
Comparison scans while reading chest images. Taught, but not practiced. Carmody DP, et al. **Invest Radiol** 1984 Sep–Oct;19(5):462–6
A study of close–set text type. Moriarty SE, et al. **J Appl Psychol** 1984 Nov;69(4):700–2
Construction of matched verbal and design continuous paired associate tests. Newton NA, et al. **J Clin Exp Neuropsychol** 1985 Feb;7(1):97–110
Dissociation between the processing of affective and nonaffective faces: a case study. Bowers D, et al. **J Clin Neuropsychol** 1984 Nov;6(4):367–79
Attentional deficit disorder and short–term visual memory. Lufi D, et al. **J Clin Psychol** 1985 Mar;41(2):265–7
The schizophrenia spectrum: a study of the relationship among the Rorschach, MMPI, and visual backward masking. Saccuzzo DP, et al. **J Clin Psychol** 1984 Nov;40(6):1288–94
The relationship between WAIS PA and MMPI SI is mediated by MMPI PD. Terry RL, et al. **J Clin Psychol** 1984 Jul;40(4):970–1
Conditional discrimination with conceptual simultaneous and successive cues in the squirrel monkey (Saimiri sciureus). Burdyn LE Jr, et al. **J Comp Psychol** 1984 Dec;98(4):405–13
An infrared system for the detection of a pigeon's pecks at alphanumeric characters on a TV screen: the dependency of letter detection on the predictability of one letter by another. Clauson HD, et al. **J Exp Anal Behav** 1985 Mar;43(2):257–64
Coding responses and the generalization of matching to sample in children. Lowenkron B. **J Exp Anal Behav** 1984 Jul;42(1):1–18
Six–member stimulus classes generated by conditional–discrimination procedures. Sidman M, et al. **J Exp Anal Behav** 1985 Jan;43(1):21–42
The role of self–produced movement and visual tracking in infant spatial orientation. Acredolo LP, et al. **J Exp Child Psychol** 1984 Oct;38(2):312–27
Developmental changes in face processing: results from multidimensional scaling. Pedelty L, et al. **J Exp Child Psychol** 1985 Jun;39(3):421–36
Infant visual responses to pattern: which metric predicts best? Pipp S, et al. **J Exp Child Psychol** 1984 Dec;38(3):373–99
Perception of symmetry in infancy: the salience of vertical symmetry and the perception of pattern wholes. Pornstein MH, et al. **J Exp Child Psychol** 1985 Feb;39(1):1–19
Word recognition under spatial transformation in retarded and normal readers. Richardson G. **J Exp Child Psychol** 1984 Oct;38(2):220–40
Area–matching strategies used by young children. Silverman IW, et al. **J Exp Child Psychol** 1984 Dec;38(3):464–74
Pattern preferences at birth and their interaction with habituation–induced novelty preferences. Slater A, et al. **J Exp Child Psychol** 1985 Feb;39(1):37–54
Young children's attention to global magnitude: evidence from classification tasks. Smith LB. **J Exp Child Psychol** 1985 Jun;39(3):472–91
Control of children's observing responses by information feedback during visual discrimination learning. Whiteley JH. **J Exp Child Psychol** 1985 Apr;39(2):265–83
Extent and limits of the matching concept in monkeys (Cebus apella). D'Amato MR, et al. **J Exp Psychol [Anim Behav]** 1985 Jan;11(1):35–51
Analysis of the unique cue in configural discriminations. Rescorla RA, et al. **J Exp Psychol [Anim Behav]** 1985 Jul;11(3):356–66
Picture perception: effects of luminance on available information and information–extraction rate. Loftus GR. **J Exp Psychol [Gen]** 1985 Sep;114(3):342–56
Integrating pictorial information across eye movements. Pollatsek A, et al. **J Exp Psychol [Gen]** 1984 Sep;113(3):426–42
Object perception and object–directed reaching in infancy. von Hofsten C, et al. **J Exp Psychol [Gen]** 1985 Jun;114(2):198–212
Shape and depth perception from parallel projections of three–dimensional motion. Braunstein ML, et al. **J Exp Psychol [Hum Percept]** 1984 Dec;10(6):749–60

Sensitization of the visual field. Egly R, et al. **J Exp Psychol [Hum Percept]** 1984 Dec;10(6):778–93

Automatic and attentional components in perception of shape-at-a-slant. Epstein W, et al. **J Exp Psychol [Hum Percept]** 1985 Jun;11(3):355–66

Identification confusions among letters of the alphabet. Gervais MJ, et al. **J Exp Psychol [Hum Percept]** 1984 Oct;10(5):655–66

The time course of picture-word interference. Glaser WR, et al. **J Exp Psychol [Hum Percept]** 1984 Oct;10(5):640–54

Handedness and sex differences in selective interference of verbal and spatial information. Nagae S. **J Exp Psychol [Hum Percept]** 1985 Jun;11(3):346–54

Visual attention and stimulus identification. Pashler H, et al. **J Exp Psychol [Hum Percept]** 1985 Apr;11(2):105–21

Simulation of curved surfaces from patterns of optical texture. Todd JT, et al. **J Exp Psychol [Hum Percept]** 1984 Oct;10(5):734–9

Category differentiation in object recognition: typicality constraints on the basic category advantage. Murphy GL, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Jan;11(1):70–84

The role of detail information in the recognition of complex pictorial stimuli. Weaver GE, et al. **J Gen Psychol** 1984 Oct;111(2ND Half):185–99

Lateralization of peripherally and centrally masked words in young and elderly people. Byrd M, et al. **J Gerontol** 1984 Nov;39(6):699–703

Aging and similarity grouping in visual search. Gilmore GC, et al. **J Gerontol** 1985 Sep;40(5):586–92

Aging and delay effects on recognition of words and designs. Harker JO, et al. **J Gerontol** 1985 Sep;40(5):601–4

Inferring the relative three-dimensional positions of two moving points. Hoffman DD, et al. **J Opt Soc Am [A]** 1985 Feb;2(2):350–3

Theory of shape-invariant imaging systems. Klopfenstein RW, et al. **J Opt Soc Am [A]** 1984 Oct;1(10):1040–53

Temporal properties of visual channels measured by masking. Lehky SR. **J Opt Soc Am [A]** 1985 Aug;2(8):1260–72

Structure from stereo and motion. Richards W. **J Opt Soc Am [A]** 1985 Feb;2(2):343–9

Impulsivity and perception: individual differences in the processing of the local and global dimensions of stimuli. Dickman S. **J Pers Soc Psychol** 1985 Jan;48(1):133–49

Visual evoked potentials by different check sizes in patients with multiple sclerosis. Oishi M, et al. **Neurology** 1985 Oct;35(10):1461–5

Autonomic recognition of names and faces in prosopagnosia: a neuropsychological application of the Guilty Knowledge Test. Bauer RM. **Neuropsychologia** 1984;22(4):457–69

Interaction between lateralization of memory and probe stimulus in the recognition of verbal and spatial visual stimuli. Berrini R, et al. **Neuropsychologia** 1984;22(4):517–20

Global versus local processing: is there a hemispheric dichotomy? Boles DB. **Neuropsychologia** 1984;22(4):445–55

Bisecting rods and lines: effects of horizontal and vertical posture on left-side underestimation by normal subjects. Bradshaw JL, et al. **Neuropsychologia** 1985;23(3):421–5

The semantic deficit in aphasia: the relationship between semantic errors in auditory comprehension and picture naming. Butterworth B, et al. **Neuropsychologia** 1984;22(4):409–26

The effects of stimulus and subject factors on a face matching task. Freeman JM, et al. **Neuropsychologia** 1984;22(5):635–8

Hemispheric asymmetry in use of semantic category information. Hines D, et al. **Neuropsychologia** 1984;22(4):427–33

Interhemispheric differences in same versus different judgments upon presentation of complex visual stimuli. Magnani G, et al. **Neuropsychologia** 1984;22(4):527–30

Relationship between changes in hemispheric advantage during familiarization to faces and proficiency in facial recognition. Ross-Kossak P, et al. **Neuropsychologia** 1984;22(4):471–7

Grating and recognition acuities of pediatric patients. Mayer DL, et al. **Ophthalmology** 1984 Aug;91(8):947–53

Critical stimulus durations for some verbal and nonverbal stimuli. Barbee JG, et al. **Percept Mot Skills** 1984 Dec;59(3):1001–2

Visual recognition memory of severely head-injured patients. Brooker AE, et al. **Percept Mot Skills** 1984 Aug;59(1):249–50

Do confusing information and egocentric instructions influence perception? Brown MS. **Percept Mot Skills** 1984 Aug;59(1):15–20

Lateralized brain processing of faces and facial expressions: level of blurring and specificity. Bruyer R. **Percept Mot Skills** 1984 Oct;59(2):545–6

A classification of object and environmental spatial tests. Eliot J. **Percept Mot Skills** 1984 Aug;59(1):171–4

Interhemispheric transfer of visual information in schizophrenics. Fogliani AM, et al. **Percept Mot Skills** 1985 Jun;60(3):867–70

Children's embedded figures test: an examination of item difficulty in grades K-4. Hardy RC, et al. **Percept Mot Skills** 1984 Aug;59(1):21–2

Effect of practice of correct symbol reversals on reading achievement by first-grade children. Heydorn BL. **Percept Mot Skills** 1985 Apr;60(2):509–10

Verbal and modality-specific coding in inter- and intra-modal matching among children and adults. Ittyerah M. **Percept Mot Skills** 1984 Dec;59(3):797–8

Laterality of cerebral function: relations with anxiety, repression, and perception. Kennelly KJ, et al. **Percept Mot Skills** 1985 Jun;60(3):791–5

Cognitive processing capacity and heart rate in recognition memory for numbers and random shapes. Kribbs NB, et al. **Percept Mot Skills** 1984 Aug;59(1):241–2

Effect of depth of processing on recognition memory for normal and inverted photographs of faces. McKelvie SJ. **Percept Mot Skills** 1985 Apr;60(2):503–8

Reported visual imagery for faces and facial recognition memory. McKelvie SJ. **Percept Mot Skills** 1984 Dec;59(3):825–6

Evoked potentials by letters in printed and script forms. Mecacci L, et al. **Percept Mot Skills** 1984 Aug;59(1):227–32

Assessment of eye dominance through response time. Metalis SA, et al. **Percept Mot Skills** 1984 Oct;59(2):539–44

Evidence for color-contingent organizational aftereffects. Petersik JT, et al. **Percept Mot Skills** 1984 Oct;59(2):459–65

Acute angle enlargement and the Zoellner illusion. Predebon J. **Percept Mot Skills** 1984 Aug;59(1):101–2

New estimate for storage time in sensory memory. Purdy JE, et al. **Percept Mot Skills** 1984 Dec;59(3):683–6

Stability of whole vs part perceptions of visual stimuli. Scruggs TE, et al. **Percept Mot Skills** 1984 Oct;59(2):547–50

Analysis of temporal suppression mechanism in binocular rivalry. Sohmiya T, et al. **Percept Mot Skills** 1985 Jun;60(3):995–8

Effects of intertrial interval, orientation, and adaptation on orientation discrimination measured with a yes-no signal detection paradigm. Valle V, et al. **Percept Mot Skills** 1984 Dec;59(3):743–8

Superiority of the left cerebral hemisphere in word recognition with nonverbal central fixation. Williams SM. **Percept Mot Skills** 1984 Dec;59(3):895–8

Information about three-dimensional shape and direction of illumination in a square-wave grating. Bergström SS, et al. **Perception** 1984;13(2):129–40

Complex and simple proportions and the aesthetic attractivity of visual patterns. Boselie F. **Perception** 1984;13(2):91–6

The 'shrinking circle illusion' is a shrinking ellipse. Bradley DR, et al. **Perception** 1984;13(2):207–12

A counterexample to the rigidity assumption in the visual perception of structure from motion. Braunstein ML, et al. **Perception** 1984;13(2):213–7

Errors towards the perpendicular in children's copies of angular figures: a test of the bisection interpretation. Bremner JG. **Perception** 1984;13(2):117–28

The relationship between space and time in the perception of stimuli moving behind a slit. Casco C, et al. **Perception** 1984;13(4):429–41

Pattern and orientation effects on afterimage duration. Cerf-Beare A. **Perception** 1984;13(4):443–53

The effect of feature displacement on face recognition. Haig ND. **Perception** 1984;13(5):505–12

Parallel-alleys and distance-alleys on horopter plane in the dark. Indow T, et al. **Perception** 1984;13(2):165–82

A new reversible and impossible object. Katz M. **Perception** 1984;13(2):221–2

Independent processing of visual form and motion. Krumhansl CL. **Perception** 1984;13(5):535–46

Modelling the stages of the identity theory of object-concept development in infancy. Luger GF, et al. **Perception** 1984;13(2):97–115

On the perception of Glass patterns. Prazdny K. **Perception** 1984;13(4):469–78

Diverting subjects' concentration slows figural reversals. Reisberg D, et al. **Perception** 1984;13(4):461–8

A new angle on the freemish crate. Smith NE. **Perception** 1984;13(2):153–4

Rigidity and misperceived motion. Ullman S. **Perception** 1984;13(2):219–20

The matching paradigm: an exact test procedure. Gillett R. **Psychol Bull** 1985 Jan;97(1):106–18

Binocular mechanisms mediating crossed and uncrossed stereopsis. Mustillo P. **Psychol Bull** 1985 Mar;97(2):187–201 (86 ref.)

Lexical ambiguity and its role in models of word recognition. Simpson GB. **Psychol Bull** 1984 Sep;96(2):316–40 (77 ref.)

The Morinaga misalignment effect: reduction and reversal by modification of figural extremities. Day RH, et al. **Psychol Res** 1985;47(2):95–101

The effects of noise on the processing of global shape and local detail. Smith AP. **Psychol Res** 1985;47(2):103–8

Continuous information processing in conceptual identifications. Ziessler M, et al. **Psychol Res** 1985;47(2):109–18

Levels of processing, encoding specificity, elaboration and CHARM. Eich JM. **Psychol Rev** 1985 Jan;92(1):1–38

Pattern recognition of self-reported emotional state from multiple-site facial EMG activity during affective imagery. Fridlund AJ, et al. **Psychophysiology** 1984 Nov;21(6):622–37

Visual pattern recognition: size preprocessing re-examined. Besner D. **Q J Exp Psychol [A]** 1983 Feb;35 (Pt 1):209–16

Visual dissociations of movement, position, and stereo depth: some phenomenal phenomena. Gregory RL, et al. **Q J Exp Psychol [A]** 1983 Feb;35 (Pt 1):217–37

Routes to object constancy: implications from neurological impairments of object constancy. Humphreys GW, et al. **Q J Exp Psychol [A]** 1984 Aug;36(3):385–415

Differential acquisition rates for different types of information from pictures. Loftus GR, et al. **Q J Exp Psychol [A]** 1983 Feb;35 (Pt 1):187–98

Visual-field differences for a number--non-number classification of alphabetic and ideographic stimuli. Peereman R, et al. **Q J Exp Psychol [A]** 1985 May;37(2):197–216

Müller-Lyer: illusion of size or position? Stuart GW, et al. **Q J Exp Psychol [A]** 1984 Nov;36(4):663–72

A Mueller-Lyer illusion induced by selective attention. Tsal Y. **Q J Exp Psychol [A]** 1984 May;36(2):319–33

Associative blocking of the McCollough effect. Westbrook RF, et al. **Q J Exp Psychol [A]** 1984 May;36(2):309–18

Image reconstruction and Gestalt formation in human spatial vision. Laurinen P, et al. **Scand J Psychol** 1984;25(4):297–305

Studies in subjective probability V: Chance vs. structure in visual patterns. Teigen KH. **Scand J Psychol** 1984;25(4):315–23

Increased critical stimulus duration: vulnerability or episode indicator? Nuechterlein KH, et al. **Schizophr Bull** 1985;11(3):344–6

A method of presenting full-field images with minimal distortion. Drasdo N. **Vision Res** 1984;24(12):1991–4

[Technic of preferential gaze in infants. Report of the method] Grochowicki M, et al. **Bull Soc Ophtalmol Fr** 1984 Jun-Jul;84(6-7):861–3 **(Fre)**

[Localization of form/color interference in perception in a Stroop task with drawn stimuli] Ménard-Buteau C, et al. **Can J Psychol** 1984 Sep;38(3):421–39 (Eng. Abstr.) **(Fre)**

[Flower or rose? Differences in visual information processing of experts and amateurs] Zimmer HD. **Arch Psychol (Frankf)** 1984;136(4):343–61 (Eng. Abstr.) **(Ger)**

[Threshold-adjusted supraliminal pattern perimetry with the Goldmann perimeter] Fischer FW. **Klin Monatsbl Augenheilkd** 1984 Sep;185(3):204–11 (Eng. Abstr.) **(Ger)**

[Task related information processing and generation effects in picture materials] Wippich W. **Z Exp Angew Psychol** 1985;32(2):340–52 (Eng. Abstr.) **(Ger)**

[Use of the labyrinth test in gerontologic functional diagnosis] Pöthig D, et al. **ZFA** 1985 Jan-Feb;40(1):23–8 (Eng. Abstr.) **(Ger)**

[Visual classification during quantitative comparison of images] Stefanov SB. **Arkh Anat Gistol Embriol** 1985 Feb;88(2):78–83 **(Rus)**

DRUG EFFECTS

Neonatal preference for visual patterns: modification by prenatal anesthetic exposure? Blair VW, et al. **Dev Med Child Neurol** 1984 Aug;26(4):476–83

Changes in flash but not pattern evoked cortical potentials after subchronic application of a monoamine oxidase (MAO) type A inhibitor in man. Berdjis H, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;62(1):77–80

Effects of chlorpromazine and promazine on the perception of some multi-stable visual figures. Phillipson OT, et al. **Q J Exp Psychol [A]** 1984 May;36(2):291–308

PHYSIOLOGY

Spatial thinking disturbances: on a simple task in brain damaged patients. Grossi D, et al. **Acta Neurol (Napoli)** 1984 Dec;6(6):451–4

Representation of the orientations of shapes. Shepard RN, et al. **Acta Psychol (Amst)** 1985 May;59(1):103–21

Peripheral visual field is radially organized. Temme LA, et al. **Am J Optom Physiol Opt** 1985 Aug;62(8):545–54

Monocular pattern discrimination performance in rabbits with unilateral interruption of the middle cerebral artery. Butter CM, et al. **Behav Brain Res** 1984 Aug;13(2):193–6

Visuomotor strategies in pattern discrimination learning in rats. Christie D, et al. **Behav Brain Res** 1985 Jul;16(1):9–18

Recovery from hypobaric hypoxia in the rabbit. Dogterom GJ, et al. **Behav Brain Res** 1984 Nov;14(2):123–30

Neurons in the amygdala of the monkey with responses selective for faces. Leonard CM, et al. **Behav Brain Res** 1985 Apr;15(2):159–76

Perfect interocular transfer of visual pattern discriminations in split-chiasm cats trained with fading. Mascetti GG, et al. **Behav Brain Res** 1984 Dec;14(3):255–61

Complex visual discrimination of tridimensional patterns in rats: progressive learning improves discriminative and recognition capacities. Neuenschwander-el Massioui N. **Behav Brain Res** 1984 Jul;13(1):31–42

Stimulus-dependent form discrimination deficits in cats with superior colliculus lesions. Tunkl JE, et al. **Behav Brain Res** 1985 Jan;15(1):51–61

Stimulus equivalence after inferior temporal lesions in monkeys. Holmes EJ, et al. **Behav Neurosci** 1984 Oct;98(5):898–901

Internal representations and operations in the visual comparison of transformed patterns: effects of pattern point-inversion, position symmetry, and separation. Foster DH, et al. **Biol Cybern** 1985;51(5):305–12

A model of the neural mechanisms responsible for pattern recognition and stimulus specific habituation in toads. Lara R, et al. **Biol Cybern** 1985;51(4):223–37

A neural network model for the mechanism of feature-extraction. A self-organizing network with feedback inhibition. Miyake S, et al. **Biol Cybern** 1984;

50(5):377–84

Human pattern recognition: individually different strategies in analyzing complex stimuli. Ronacher B, et al. **Biol Cybern** 1985;51(4):249–61

Contrast sensitivity measurements in acute and resolved optic neuritis. Beck RW, et al. **Br J Ophthalmol** 1984 Oct; 68(10):756–9

Effect of age on contrast sensitivity function: uniocular and binocular findings. Ross JE, et al. **Br J Ophthalmol** 1985 Jan;69(1):51–6

Epileptic facial metamorphopsia. Nass R, et al. **Brain Dev** 1985;7(1):50–2

Amblyopia results from chronic blurring of visual images during development. Deering KR, et al. **Brain Res** 1984 Aug;317(2):302–6

Interocular transfer of pattern discrimination learning in chicks. Gaston KE. **Brain Res** 1984 Sep 24;310(2):213–21

A neural pathway for the shift response in the cat. Hamasaki DI, et al. **Brain Res** 1985 Jun 24;337(1):51–8

Flash or pattern visual evoked potentials in children under 3 years? Brandl U, et al. **Dev Ophthalmol** 1984;9:102–7

Wavelength-dependent abnormalities of pattern evoked cortical responses in young diabetics. Schauseil-Zipf U, et al. **Dev Ophthalmol** 1984;9:94–101

Physiological basis and clinical application of pattern electroretinogram. Teping C, et al. **Dev Ophthalmol** 1984; 9:74–80

Maturation of pattern evoked potentials elicited by checkerboard reversal. Wenzel D, et al. **Dev Ophthalmol** 1984;9:87–93

Mechanisms of epileptogenesis in photosensitive epilepsy implied by the effects of moving patterns. Binnie CD, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul;61(1):1–6

Visual recognition in monkeys: effects of transection of fornix. Bachevalier J, et al. **Exp Brain Res** 1985; 57(3):547–53

Face recognition within the reach of neurobiology and beyond it. Grüsser OJ. **Hum Neurobiol** 1984;3(4):183–90

The historical roots and recurring issues of neurobiological studies of face perception. Jeeves MA. **Hum Neurobiol** 1984;3(4):191–6

Quantification of the role of spatial frequencies of patterns in visual recognition of numbers. Borisova ED. **Hum Physiol** 1983 Nov–Dec;9(6):434–9

Dipole source derivation. Application to the half-field pattern evoked potential. Thickbroom GW, et al. **Int J Biomed Comput** 1985 Jan;16(1):17–28

Neurophysiological correlates of visual stimulus recognition in man. Bechtereva NP, et al. **Int J Psychophysiol** 1984 Jun;1(4):317–24

Eye fixation duration during random texture discrimination. Božkov V, et al. **Int J Psychophysiol** 1984 Aug;2(1):51–8

Evoked potential correlates of figure and ground. Landis T, et al. **Int J Psychophysiol** 1984 Jun;1(4):345–8

Sequential dependences of perceptual interpretations of a repetitively illuminated reversible figure. Radilová J, et al. **Int J Psychophysiol** 1984 Aug;2(1):45–50

Subjective figure reversal in two- and three-dimensional perceptual space. Radilová J, et al. **Int J Psychophysiol** 1984 Aug;2(1):59–62

Information processing in near peripheral vision. Williams LJ. **J Gen Psychol** 1984 Oct;111(2ND Half):201–7

An automated system for visual studies. Micheli-Tzanakou E. **J Med Syst** 1984 Dec;8(6):507–19

Orientation sensitivity of the cat assessed from evoked potentials: central and peripheral contributions. Tootle JS, et al. **J Neurophysiol** 1985 May;53(5):1287–302

Visual grating induction. Foley JM, et al. **J Opt Soc Am [A]** 1985 Jul;2(7):1220–30

Spatial pattern as a stimulus to the pupillary system. Ukai K. **J Opt Soc Am [A]** 1985 Jul;2(7):1094–100

Image segmentation at contour intersections in human focal vision. Watt RJ. **J Opt Soc Am [A]** 1985 Jul;2(7):1200–4

Discrimination of contour curvature: data and theory. Wilson HR. **J Opt Soc Am [A]** 1985 Jul;2(7):1191–9

Spatial-frequency characteristics of neurones of area 18 in the cat: dependence on the velocity of the visual stimulus. Bisti S, et al. **J Physiol (Lond)** 1985 Feb;359:259–68

Spatial and temporal contrast sensitivities of neurones in lateral geniculate nucleus of macaque. Derrington AM, et al. **J Physiol (Lond)** 1984 Dec;357:219–40

The contrast sensitivity of human colour vision to red-green and blue-yellow chromatic gratings. Mullen KT. **J Physiol (Lond)** 1985 Feb;359:381–400

Complex-unoriented cells in a subregion of primate area 18. Hubel DH, et al. **Nature** 1985 May 23–29;315(6017):325–7

Spatial relationship and extrafoveal vision [letter] Livingstone MS, et al. **Nature** 1985 May 23–29;315(6017):285

Simultaneous recording of pattern electroretinogram and visual evoked responses in neuro-ophthalmologic disorders. Kaufman D, et al. **Neurology** 1985 May; 35(5):644–51

Hemispheric asymmetry for a visuo-spatial task in monkeys. Jason GW, et al. **Neuropsychologia** 1984;22(6):777–84

Cognitive risk-taking after frontal or temporal lobectomy—I. The synthesis of fragmented visual information. Miller L. **Neuropsychologia** 1985;23(3):359–69

Contralesional neglect of constructed visual images in right and left brain-damaged patients. Ogden JA. **Neuropsychologia** 1985;23(2):273–7

Neuropsychological demonstration of splenial interhemispheric disconnection in a case of 'optic anomia'. Poeck K. **Neuropsychologia** 1984;22(6):707–13

Further evidence that amygdala and hippocampus contribute equally to recognition memory. Saunders RC, et al. **Neuropsychologia** 1984;22(6):785–96

Evidence of interhemispheric transmission in laterality effects. Umiltá C, et al. **Neuropsychologia** 1985;23(2):203–13

Right cerebral hemisphere superiority for constructing facial representations. Young AW, et al. **Neuropsychologia** 1985; 23(2):195–202

Spatial frequency range in the detection process—1. Narrow bars. Brogan D. **Ophthalmic Physiol Opt** 1985;5(2):125–35

Effect of instruction and higher level control on the accommodative response spatial frequency profile. Ciuffreda KJ, et al. **Ophthalmic Physiol Opt** 1985;5(2):221–3

On reaction time histograms [letter] Schwartz SH. **Ophthalmic Physiol Opt** 1985;5(2):225–6

The Arden gratings in optometric practice. Yap M, et al. **Ophthalmic Physiol Opt** 1985;5(2):179–83

Verbal asymmetries and levels of processing in an interactive dual-task paradigm. Adams BJ, et al. **Percept Mot Skills** 1985 Apr;60(2):371–83

A noninvasive index of hemispheric activity. Swift AB, et al. **Percept Mot Skills** 1985 Apr;60(2):515–24

The effects of illumination level and retinal size on the depth stratification of subjective contour figures. Bradley DR, et al. **Perception** 1984;13(2):155–64

Do letter features migrate? A note of caution. Butler BE, et al. **Psychol Res** 1984;46(3):223–36

Nontarget columns and parafoveal target identification: some limits on previously observed effects. Chastain G. **Psychol Res** 1984;46(3):237–45

Neural dynamics of form perception: boundary completion, illusory figures, and neon color spreading. Grossberg S, et al. **Psychol Rev** 1985 Apr;92(2):173–211 (35 ref.)

Comparison of event-related potentials of young children and adults in a visual recognition and word reading task. Kok A, et al. **Psychophysiology** 1985 Jan;22(1):11–23

Electrodermal discrimination of familiar and unfamiliar faces: a methodology. Tranel D, et al. **Psychophysiology** 1985 Jul; 22(4):403–8

Running recognition of configural stimuli by fornix-transected monkeys. Gaffan D, et al. **Q J Exp Psychol [B]** 1985 Feb;37(1):61–71

How do we discriminate relative spatial phase? Badcock DR. **Vision Res** 1984;24(12):1847–57

Suprathreshold contrast perception at different luminance levels. Biondini AR, et al. **Vision Res** 1985;25(1):1–9

Stereopsis from disparity of complex grating patterns. Boothroyd K, et al. **Vision Res** 1984;24(10):1205–22

Is amblyopia spatial frequency or retinal locus specific? Bradley A, et al. **Vision Res** 1985;25(1):47–54

Temporal sensitivity in amblyopia: an explanation of conflicting reports. Bradley A, et al. **Vision Res** 1985; 25(1):39–46

The effects of large orientation and spatial frequency differences on spatial discriminations. Bradley A, et al. **Vision Res** 1984;24(12):1889–96

Local regulation of luminance gain. Burr DC, et al. **Vision Res** 1985;25(5):717–27

On the detection of Gabor signals and discrimination of Gabor textures. Caelli T, et al. **Vision Res** 1985;25(5):671–84

A study of stimulus range effects in free modulus magnitude estimation of contrast. Cannon MW Jr. **Vision Res** 1984; 24(9):1049–55

Visual illusions without low spatial frequencies. Carlson CR, et al. **Vision Res** 1984;24(10):1407–13

Cooperative phenomena in apparent movement perception of random-dot cinematograms. Chang JJ, et al. **Vision Res** 1984;24(12):1781–8

Spatial visual channels in the Fourier plane. Daugman JG. **Vision Res** 1984;24(9):891–910

Spatial frequency selectivity of remote pattern masking. Derrington AM. **Vision Res** 1984;24(12):1965–8

Contour, color and shape analysis beyond the striate cortex. Desimone R, et al. **Vision Res** 1985;25(3):441–52

Facilitatory and inhibitory after-effect of spatially localized grating adaptation. Ejima Y, et al. **Vision Res** 1984; 24(9):979–85

Spatial frequency tuning of transient non-oriented units. Ferrera VP, et al. **Vision Res** 1985;25(1):67–72

Perceptual bistability with counterphase gratings. Gorea A, et al. **Vision Res** 1984;24(10):1321–31

Contrast sensitivity to drifting low spatial frequency gratings in central and peripheral retinal areas. Guzman O, et al. **Vision Res** 1985;25(1):137–40

Neuropsychological basis of pattern vision in macaque monkeys. Iwai E. **Vision Res** 1985;25(3):425–39

A multiple-channel model for grating detection. Jaschinski-Kruza W, et al. **Vision Res** 1984;24(9):933–41

Lower thresholds of motion for gratings as a function of eccentricity and contrast. Johnston A, et al. **Vision Res** 1985;25(2):179–85

Neural interactions of two moving patterns in the direction and orientation domain in the complex cells of cat's visual cortex. Kaji S, et al. **Vision Res** 1985;25(6):749–53

Effects of background and spatial pattern on incremental sensitivity of catfish horizontal cells. Kawasaki M, et al. **Vision Res** 1984;24(10):1197–204

Spatial summation in visual noise. Kersten D. **Vision Res** 1984;24(12):1977–90

The razor's edge: a dichotomy between monohedral and dihedral edge perception. Klymenko V, et al. **Vision Res** 1984;24(9):995–1002

Pattern electroretinogram: use of noncorneal skin electrodes. Leguire LE, et al. **Vision Res** 1985;25(6):867–70

Spatial and velocity tuning of processes underlying induced motion. Levi DM, et al. **Vision Res** 1984;24(10):1189–95

Responses of visual cells in cat superior colliculus to relative pattern movement. Mandl G. **Vision Res** 1985;25(2):267–81

Temporal frequency discrimination above threshold. Mandler MB. **Vision Res** 1984;24(12):1873–80

A three channel model of temporal frequency perception. Mandler MB, et al. **Vision Res** 1984;24(12):1881–7

Spatial frequency interference effects and interpolation in vernier acuity. Morgan MJ, et al. **Vision Res** 1984; 24(12):1911–9

Positional acuity with chromatic stimuli. Morgan MJ, et al. **Vision Res** 1985;25(5):689–95

Texture discrimination: representation of orientation and luminance differences in cells of the cat striate cortex. Nothdurft HC, et al. **Vision Res** 1985;25(1):99–113

Spatial contrast sensitivity of the tree shrew. Petry HM, et al. **Vision Res** 1984;24(9):1037–42

Colored neon flanks and line gap enhancement. Redies C, et al. **Vision Res** 1984;24(10):1301–9

Spatial frequency tuning in the visual evoked potential elicited by sine-wave gratings. Reed JL, et al. **Vision Res** 1984;24(9):1057–62

On effects of intensification on temporal integration. Royer FL, et al. **Vision Res** 1984;24(10):1429–31

The contrast dependence of spatial frequency channel interactions. Sagi D, et al. **Vision Res** 1984;24(10):1357–65

Contrast sensitivity for stationary gratings [letter] Skalka H. **Vision Res** 1984;24(9):1115

An inherent nonlinearity in near-threshold contrast detection. Swift DJ, et al. **Vision Res** 1984;24(9):977–8

Effects on grating detection of vertically displaced peripheral gratings. Takahashi S, et al. **Vision Res** 1985;25(1):129–36

Effects of contrast, orientation and binocularity in the pattern evoked potential. Tyler CW, et al. **Vision Res** 1985; 25(6):755–66

Spatial filters and the localization of luminance changes in human vision. Watt RJ, et al. **Vision Res** 1984; 24(10):1387–97

Towards a general theory of the visual acuities for shape and spatial arrangement. Watt RJ. **Vision Res** 1984; 24(10):1377–86

Aliasing in human foveal vision. Williams DR. **Vision Res** 1985;25(2):195–205

The effect of perceived depth and connectedness on metacontrast functions. Williams MC, et al. **Vision Res** 1984;24(10):1279–88

Retinal image noise and vernier acuity. Williams RA, et al. **Vision Res** 1984;24(12):1735–8

Transposition in backward masking. The case of the travelling gap. Wilson AE, et al. **Vision Res** 1985; 25(2):283–8

The relationship of displacement thresholds for oscillating gratings to cortical magnification, spatiotemporal frequency and contrast. Wright MJ, et al. **Vision Res** 1985; 25(2):187–93

Detection and identification of spatial frequency: models and data. Yager D, et al. **Vision Res** 1984;24(9):1021–35

[Advances in the study of the pattern electroretinogram] Yang XL, et al. **Sheng Li Ko Hsueh Chin Chan** 1985 Apr; 16(2):142–5 (38 ref.) **(Chi)**

[Pattern ERG and VECP following optic neuritis in childhood] Berdjis H, et al. **Klin Monatsbl Augenheilkd** 1984 Jun;184(6):533–5 (Eng. Abstr.) **(Ger)**

[Pattern and light electroretinograms in branch occlusions of the central retinal artery] Vomberg HE, et al. **Klin Monatsbl Augenheilkd** 1984 Jun;184(6):560–2 (Eng. Abstr.) **(Ger)**

[Possibilities for the objective evaluation of the glossalgia and stomatodynia syndrome. 3. Stereognostic studies] Wagner IV. **Zahn Mund Kieferheilkd** 1984;72(5):425–30 (Eng. Abstr.) **(Ger)**

[Studies of stereoptic VEPs with static random-dot stereograms—stimulus parameters] Hamada T, et al. **Nippon Ganka Gakkai Zasshi** 1985 Apr;89(4):582–8 (Eng. Abstr.) **(Jpn)**

[Studies of stereopsis by VEP—device of stimulator using static random dot stereogram] Oguchi Y, et al. **Nippon Ganka Gakkai Zasshi** 1985 Mar;89(3):470–5 (Eng. Abstr.) **(Jpn)**

[Studies on peak latency and phase of pattern VEPs by inverse Fourier transform] Takagi M. **Nippon Ganka Gakkai Zasshi** 1985 Apr;89(4):589–99 (Eng. Abstr.) **(Jpn)**

[The effect of script frequency on semantic processing of Kanji and Kana words] Hirose T. **Shinrigaku Kenkyu** 1984 Aug;55(3):173–6 (Eng. Abstr.) **(Jpn)**

[Temporal characteristics of assessing the simple properties of contoured and textured images] Kostelianets NB, et al. **Fiziol Cheloveka** 1984 Mar–Apr;10(2):272–5 **(Rus)**

[Features of the formation and dynamics of short-term image memory in the rat] Aĭvazashvili IM, et al. **Zh Vyssh Nerv Deiat** 1985 Jan–Feb;35(1):32–8 (Eng. Abstr.) **(Rus)**

[Electrophysiologic analysis of interhemispheric differences in mechanisms of visual recognition] Beteleva TG, et al. **Zh Vyssh Nerv Deiat** 1984 Sep–Oct;34(5):841–7 (Eng. Abstr.) **(Rus)**

[Signal system interaction during the process of visual form recognition in children] Deev VM. **Zh Vyssh Nerv Deiat** 1984 Jul–Aug;34(4):781–4 (Rus)

[Characteristics of the process of image representation with changing exposure times] Krol' VM, et al. **Zh Vyssh Nerv Deiat** 1984 Jul–Aug;34(4):778–80 (Rus)

[Reorganization of the process of visual recognition in response to a change in perceptual conditions] Krol' VM, et al. **Zh Vyssh Nerv Deiat** 1984 Sep–Oct;34(5):975–7 (Rus)

FORMALDEHYDE

Periodate–lysine–paraformaldehyde as fixative for the study of duodenal mucosa. Morphologic and immunohistochemical results at light and electron microscopic levels. Rantala I, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1985 Jul; 93(4):165–73

Formaldehyde–induced fluorescence in melanomas and other lesions. Diagnostic significance and mechanism of fluorescence. Dalal BI, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):551–4

Purification of DNA from formaldehyde fixed and paraffin embedded human tissue. Goelz SE, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):118–26

Formalin preservation of avian blood for metal and DDE analysis. Wiemeyer SN, et al. **Bull Environ Contam Toxicol** 1984 Nov;33(5):525–32

Description of microparticles in urea–formaldehyde foam insulation products. Nantel AJ, et al. **Environ Res** 1985 Apr;36(2):426–40

On the chemistry of formaldehyde fixation and its effects on immunohistochemical reactions. Puchtler H, et al. **Histochemistry** 1985;82(3):201–4

Selective destruction by formaldehyde fixation of an H–2Kb serological determinant involving lysine 89 without loss of T–cell reactivity. Hua C, et al. **Immunogenetics** 1985; 21(3):227–34

Electron microscopy of Merkel cell carcinoma from formalin–fixed tissue. Haneke E. **J Am Acad Dermatol** 1985 Mar;12(3):487–92

An electron microscopic study of virus fixed in phosphate–buffered formalin for extended periods. Takagi I, et al. **J Electron Microsc (Tokyo)** 1984;33(4):405–6

Formaldehyde fixation. Fox CH, et al. **J Histochem Cytochem** 1985 Aug;33(8):845–53 (27 ref.)

Fixation of Mycobacterium leprae in unstained smears prior to shipment or storage: evaluation of formaldehyde using Mycobacterium tuberculosis as indicator of efficacy. Allen BW. **Med Lab Sci** 1985 Jan;42(1):53–5

An enclosed fixative preparation system. Edwards FP, et al. **Med Lab Sci** 1984 Jul;41(3):285–7

The use of formaldehyde as a preservative in the microscopic examination of urine sediment. Khodadeen JA. **Nephron** 1985;41(1):118

[Disinfection and sterilization of thermolabile instruments with gaseous formaldehyde] Mecke P. **Zentralbl Bakteriol Mikrobiol Hyg** [B] 1984 Dec; 179(6):529–43 (Eng. Abstr.) (Ger)

[Formalin–induced minor tremor response as an indicator of pain] Takahashi H, et al. **Nippon Yakurigaku Zasshi** 1984 Oct;84(4):353–62 (Eng. Abstr.) (Jpn)

[Diffusion of formaldehyde in polymers for medical purposes] Likhtman TV, et al. **Gig Sanit** 1984 Oct;(10):77–9 (Rus)

[Interaction of formaldehyde with nucleic acids and their structural components in the presence of amines. II. Structure of adenine derivatives formed in the reaction with formaldehyde and primary amine] Volkov VS, et al. **Mol Biol (Mosk)** 1985 May–Jun;19(3):693–701 (Eng. Abstr.) (Rus)

ADMINISTRATION & DOSAGE

Open instillation of formalin for cyclophosphamide–induced hemorrhagic cystitis in a child. Garat JM, et al. **Eur Urol** 1985;11(3):192–4

ADVERSE EFFECTS

Inhalation exposure to formaldehyde: an overview of its toxicology, epidemiology, monitoring, and control. Bernstein RS, et al. **Am Ind Hyg Assoc J** 1984 Nov; 45(11):778–85 (71 ref.)

Proportionate mortality study of workers in the garment industry exposed to formaldehyde. Stayner L, et al. **Am J Ind Med** 1985;7(3):229–40

Proportionate mortality study of workers in the garment industry exposed to formaldehyde [letter] Stayner L, et al. **Am J Ind Med** 1985;8(1):75–6

Adverse response to endodontic material containing paraformaldehyde. Fanibunda KB. **Br Dent J** 1984 Oct 6; 157(7):231–5

'Adverse response to endodontic material containing paraformaldehyde' [letter] Lilley JD, et al. **Br Dent J** 1984 Nov 24;157(10):340

Adverse response to endodontic material containing paraformaldehyde [letter] Mehta F. **Br Dent J** 1985 Jan 19;158(2):39

Formaldehyde and the nasal mucosa [letter] Edling C, et al. **Br J Ind Med** 1985 Aug;42(8):570–1

Contact allergy to phenol–formaldehyde resins. Bruze M, et al. **Contact Dermatitis** 1985 Feb;12(2):81–6

Contact dermatitis to formaldehyde in fabric softeners. Kofoed ML. **Contact Dermatitis** 1984 Oct;11(4):254

Phenolformaldehyde resin in paper. Malten KE, et al. **Contact Dermatitis** 1984 Aug;11(2):127–8

Paratertiary butylphenol formaldehyde resin in prosthesis. Romaguera C, et al. **Contact Dermatitis** 1985 Mar;12(3):174

Formaldehyde asthma––rare or overlooked? Nordman H, et al. **J Allergy Clin Immunol** 1985 Jan;75(1 Pt 1):91–9

The mortality of Ontario undertakers and a review of formaldehyde–related mortality studies. Levine RJ, et al. **J Occup Med** 1984 Oct;26(10):740–6

Health policy and epidemiology: the scientific evidence for a ban of urea–formaldehyde foam insulation. Elinson L. **J Public Health Policy** 1984 Dec;5(4):513–37

Formaldehyde. Wilhelmsson B. **Rhinology** 1985 Jun; 23(2):128–9

Genotoxicity of formaldehyde in cultured human bronchial fibroblasts. Grafstrom RC, et al. **Science** 1985 Apr 5; 228(4695):89–91

Occupational asthma due to formaldehyde. Burge PS, et al. **Thorax** 1985 Apr;40(4):255–60

[Occupational exposure to formaldehyde during pregnancy (letter)] Messier A. **Can Med Assoc J** 1984 Nov 1; 131(9):1019, 1022 (Fre)

[Sclerosing cholangitis following surgical treatment of hydatid cysts of the liver. Probable role of the formol injection of bile ducts] Bories P, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):113–6 (Eng. Abstr.) (Fre)

[Clinical observations on 76 children exposed to urea–formaldehyde insulation foam] Lacroix J, et al. **Union Med Can** 1985 Jul;114(7):542–7 (Eng. Abstr.) (Fre)

[Risk of cancer caused by formaldehyde. Viewpoint of the German Society for Pathology and the German Pathologists Association] Bässler R, et al. **Pathologe** 1985 Jan;6(1):1–2 (Ger)

[Causes of death of pathologists––the possible effect of formaldehyde] Brunner P, et al. **Pathologe** 1985 Jan; 6(1):43–5 (Ger)

[Health risks of formaldehyde. An occupational medicine assessment] Triebig G, et al. **Pathologe** 1985 Mar;6(2):64–70 (Ger)

[Toxicology and cancerogenesis of formaldehyde] Melino C. **Clin Ter** 1984 Oct 31;111(2):171–5 (Ita)

[Case of acute formol toxicity during echinococcal cyst surgery] Tulli G, et al. **Minerva Anestesiol** 1984 Dec; 50(12):641–3 (Eng. Abstr.) (Ita)

[Formaldehyde––its use and effect on the human body] Taraszkiewicz F, et al. **Pol Tyg Lek** 1984 Jul 9;39(28):963–4 (Pol)

[Combined embryotoxic effect of formaldehyde and UV irradiation (pre– and postnatal effects)] Il'in VP, et al. **Gig Sanit** 1985 Mar;(3):78–9 (Rus)

[State of the nervous system in subjects with allergic symptoms and in occupational contact with synthetic fibers] Mukhtarova ND. **Gig Tr Prof Zabol** 1985 Jun; (6):23–7 (Eng. Abstr.) (Rus)

ANALYSIS

Residential formaldehyde sampling––current and recommended practices. Godish T. **Am Ind Hyg Assoc J** 1985 Mar;46(3):105–10

Seasonal formaldehyde concentrations in an office building. Konopinski VJ. **Am Ind Hyg Assoc J** 1985 Feb;46(2):65–8

Ambient concentrations of formaldehyde and ammonia in a screwworm fly rearing facility. Merkle SE. **Am Ind Hyg Assoc J** 1985 Jun;46(6):336–40

A survey of typical exposures to formaldehyde in Houston area residences. Stock TH, et al. **Am Ind Hyg Assoc J** 1985 Jun;46(6):313–7

Quantitative analysis of gas–phase formaldehyde molecular species at equilibrium with formalin solution. Gold A, et al. **Anal Chem** 1984 Dec;56(14):2879–82

Formaldehyde complaint investigations in mobile homes by the Texas Department of Health. Norsted SW, et al. **Environ Res** 1985 Jun;37(1):93–100

Detection of traces of formaldehyde in pure air by gas chromatography and helium ionization detection. Andrawes FF. **J Chromatogr Sci** 1984 Nov;22(11):506–8

Differential pulse polarographic determination of formaldehyde in stored noxythiolin solutions. Woolfson AD, et al. **J Clin Hosp Pharm** 1985 Jun;10(2):177–83

Decrease in the rate of capsule dissolution due to formaldehyde from polysorbate 80 autoxidation. Chafetz L, et al. **J Pharm Sci** 1984 Aug;73(8):1186–7

Qualitative detection of aqueous formaldehyde in samples for bacteriological culture. Willson PA, et al. **Med Lab Sci** 1985 Jan;42(1):95–6

[Use of liquid chromatography for the determination of formaldehyde in biological materials] Bartko A, et al. **Vet Med (Praha)** 1984 Aug;29(8):503–9 (Eng. Abstr.) (Cze)

[Formaldehyde in the preservation of cosmetic products] Schubert H, et al. **Dermatol Monatsschr** 1985;171(4):240–4 (Eng. Abstr.) (Ger)

[Orienting studies of the formaldehyde residue in urologic instruments following sterilization with formaldehyde gas] Fleck H, et al. **Pharmazie** 1984 Jun;39(6):421–3 (Eng. Abstr.) (Ger)

[Results of indoor formaldehyde determinations using passive sampling] Prescher KE. **Schriftenr Ver Wasser Boden Lufthyg** 1984;59:33–40 (Ger)

[Formaldehyde pollution of room air in schools] Witthauer J. **Z Gesamte Hyg** 1984 Sep;30(9):495–8 (Eng. Abstr.) (Ger)

BLOOD

Formaldehyde (CH2O) concentrations in the blood of humans and Fischer–344 rats exposed to CH2O under controlled conditions. Heck HD, et al. **Am Ind Hyg Assoc J** 1985 Jan;46(1):1–3

DIAGNOSTIC USE

Immunofluorescent staining of Treponema in tissues fixed with formalin. Hunter EF, et al. **Arch Pathol Lab Med** 1984 Nov;108(11):878–80

Merthiolate iodine formaldehyde test for detection of intestinal parasites. Bhandari B, et al. **Indian Pediatr** 1984 Oct;21(10):803–6

Formaldehyde and glutaraldehyde in the fixation of chromatin for electron microscopy. Sewell BT, et al. **J Microsc** 1984 Oct;136 (Pt 1):103–12

Formalin test in mice, a useful technique for evaluating mild analgesics. Hunskaar S, et al. **J Neurosci Methods** 1985 Jun; 14(1):69–76

The formalin test: a tonic pain model in the primate. Alreja M, et al. **Pain** 1984 Sep;20(1):97–105

IMMUNOLOGY

The effect of alternatives to formocresol on antigenicity of proteins. Ranly DM, et al. **J Dent Res** 1985 Oct; 64(10):1225–8

Canine antibodies against formaldehyde–dog serum albumin conjugates: induction, measurement, and specificity. Patterson R, et al. **J Lab Clin Med** 1985 Jul;106(1):93–100

METABOLISM

Inhibition of the oxidation of acetaldehyde and formaldehyde by hepatocytes and mitochondria by crotonaldehyde. Dicker E, et al. **Arch Biochem Biophys** 1984 Oct; 234(1):187–96

Studies on the permeability of drugs through vesical wall. The fifth report: experiences with intravesical formalin administration. Kawamura N. **Hinyokika Kiyo** 1983 Oct; 29(10):1279–86

Purification of a receptor for formaldehyde–treated serum albumin from rat liver. Horiuchi S, et al. **J Biol Chem** 1985 Jan 10;260(1):482–8

Scavenger function of sinusoidal liver cells. Acetylated low–density lipoprotein is endocytosed via a route distinct from formaldehyde–treated serum albumin. Horiuchi S, et al. **J Biol Chem** 1985 Jan 10;260(1):53–6

Characterization of a membrane–associated receptor from rat sinusoidal liver cells that binds formaldehyde–treated serum albumin. Horiuchi S, et al. **J Biol Chem** 1985 Jan 10; 260(1):475–81

An introduction to phenol formaldehyde resin vulcanizing agents. Preston WA, et al. **J Parenter Sci Technol** 1984 Nov–Dec;38(6):237–45

Bioavailability in rabbits of formaldehyde from durable–press textiles. Robbins JD, et al. **J Toxicol Environ Health** 1984; 14(2–3):453–63

Differentiation between metabolic incorporation and covalent binding in the labeling of macromolecules in the rat nasal mucosa and bone marrow by inhaled [14C]– and [3H]formaldehyde. Casanova–Schmitz M, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):26–44

Nonlinear association between covalent binding of formaldehyde to DNA and administered formaldehyde concentration [letter] Cohn MS, et al. **Toxicol Appl Pharmacol** 1985 Feb;77(2):363–8

Percutaneous absorption of formaldehyde in rats. Bartnik FG, et al. **Toxicol Lett** 1985 May;25(2):167–72

[Kinetic principles of the process of formaldehyde biodegradation] Leonova VE, et al. **Mikrobiologiia** 1985 Jan–Feb;54(1):146–51 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Amino group environments and metal binding properties of carbon–13 reductively methylated bovine alpha–lactalbumin. Gerken TA. **Biochemistry** 1984 Sep 25; 23(20):4688–97

Pyruvate prevents the ATP depletion caused by formaldehyde or calcium–chelator esters in the human red cell. García–Sancho J. **Biochim Biophys Acta** 1985 Feb 28; 813(1):148–50

The effect of formaldehyde or glutaraldehyde application to lucerne before ensiling on silage fermentation and silage N digestion in sheep. Siddons RC, et al. **Br J Nutr** 1984 Sep;52(2):391–401

Nitrogen utilization and ruminal fermentation in steers fed soybean meal treated with formaldehyde. Spears JW, et al. **J Anim Sci** 1985 Apr;60(4):1072–80

Biological indicators for low temperature steam formaldehyde sterilization: effect of defined media on sporulation, germination index and moist heat resistance at 110 degrees C of Bacillus strains. Hoxey EV, et al. **J Appl Bacteriol** 1985 Feb;58(2):207–14

In situ cross–linking of androgen receptors to nuclear acceptor sites of rat prostate with formaldehyde. Foekens JA, et al. **J Biol Chem** 1985 Aug 25;260(18):10093–8

Hybridization selection of covalent nucleic acid–protein complexes. 2. Cross-linking of proteins to specific Escherichia coli mRNAs and DNA sequences by formaldehyde treatment of intact cells. Schouten JP. **J Biol Chem** 1985 Aug 15;260(17):9929-35

The titration of tetanus antitoxin V. Effect of formalization method for the fixation of sheep erythrocytes on the indirect haemagglutination test. Gupta RK, et al. **J Biol Stand** 1985 Apr;13(2):151-7

A comparison of the antimicrobial activities of noxythiolin and formaldehyde solutions. Gorman SP, et al. **J Clin Hosp Pharm** 1985 Jun;10(2):185-92

Effects of particle size and formaldehyde treatment of soybean meal on milk production and composition for dairy cows. Crawford RJ Jr, et al. **J Dairy Sci** 1984 Sep; 67(9):1945-52

Studies on the cell surface of zoospores and cysts of the fungus Phytophthora cinnamomi: The influence of fixation on patterns of lectin binding. Hardham AR. **J Histochem Cytochem** 1985 Feb;33(2):110-8

Distribution of tissue polypeptide antigen (TPA) in normal human tissues: Immunohistochemical study on unfixed, methanol-, ethanol-, and formalin-fixed tissues. Nathrath WB, et al. **J Histochem Cytochem** 1985 Feb;33(2):99-109

Comparative studies of purified subviral component vaccines and formalin-treated mammary tumor viruses from four inbred strains of mice. Girardi AJ, et al. **JNCI** 1985 Feb; 74(2):405-13

Formaldehyde-induced mutagenesis: a novel mechanism for its action. Alderson T. **Mutat Res** 1985 Sep;154(2):101-10 (73 ref.)

Formaldehyde as bonding agent between dentin and restorative resins. Asmussen E, et al. **Scand J Dent Res** 1984 Oct;92(5):480-3

[The ratio of a formalin and potassium permanganate preparation in a sealed container and its bacteriocidal effect] Zhang LP. **Chung Hua Hu Li Tsa Chih** 1985 Feb; 20(1):29-30 **(Chi)**

[What should be the length and inner diameter of the testing device for microbiological efficacy testing of formaldehyde gas sterilization methods?] Spicher G, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Oct; 179(5):457-68 (Eng. Abstr.) **(Ger)**

[Conformational changes in poly(dG-dC).poly(dG-dC) as affected by formaldehyde and its amino derivatives] Kiseleva VI, et al. **Dokl Akad Nauk SSSR** 1985; 281(5):1252-5 **(Rus)**

[Characteristics of the modified effect of formaldehyde on various fractions of collagen] Rebrova GA, et al. **Vopr Med Khim** 1984;30(6):102-6 (Eng. Abstr.) **(Rus)**

POISONING

• Formaldehyde poisoning in cattle [letter] Mitchell GB, et al. **Vet Rec** 1984 Sep 15;115(11):283-4

THERAPEUTIC USE

Effectiveness of a dentifrice containing formalin and sodium monofluorophosphate on dental hypersensitivity. McFall WT Jr, et al. **J Periodontol** 1985 May;56(5):288-92

Laboratory and serological studies argue against possible transmission of AIDS by hepatitis B vaccine [letter] Barré-Sinoussi F, et al. **Lancet** 1985 Aug 3;2(8449):274

Intravesical instillation of formol in the treatment of bladder tumours. Le Guillou M, et al. **Prog Clin Biol Res** 1984; 162B:169-72

[Follow-up study of teeth after root canal obturation with N2 for pulpitis] Esztári I, et al. **Fogorv Sz** 1984 Nov; 77(11):341-5 (Eng. Abstr.) **(Hun)**

[Formaldehyde prevention of ischemic damage to the brain] Rozvadovskii VD, et al. **Patol Fiziol Eksp Ter** 1985 Jan-Feb;(1):12-5 (Eng. Abstr.) **(Rus)**

TOXICITY

The mechanistic toxicology of formaldehyde and its implications for quantitative risk estimation. Starr TB, et al. **Annu Rev Pharmacol Toxicol** 1985;25:745-67 (43 ref.)

The role of mechanistic data in dose-response modeling. Starr TB. **Basic Life Sci** 1985;33:101-24

Respiratory response to formaldehyde and off-gas of urea formaldehyde foam insulation. Day JH, et al. **Can Med Assoc J** 1984 Nov 1;131(9):1061-5

Effects of formaldehyde, acetaldehyde, benzoyl peroxide, and hydrogen peroxide on cultured normal human bronchial epithelial cells. Saladino AJ, et al. **Cancer Res** 1985 Jun; 45(6):2522-6

The effect of formalin-killing of Pasteurella multocida on the antigenicity and extractability of its lipopolysaccharide. Rebers PA, et al. **Carbohydr Res** 1984 Oct 1;133(1):83-94

Effects of ethanol, phenol, formaldehyde, and selected metabolites on metabolic cooperation between Chinese hamster V79 lung fibroblasts. Malcolm AR, et al. **Carcinog Compr Surv** 1985;8:305-18

Report on the Consensus Workshop on Formaldehyde. **Environ Health Perspect** 1984 Dec;58:323-81

Review of the health effects of urea-formaldehyde foam insulation. L'Abbé KA, et al. **Environ Res** 1984 Oct; 35(1):246-63 (82 ref.)

Lack of bronchomotor response to up to 3 ppm formaldehyde in subjects with asthma. Sheppard D, et al. **Environ Res** 1984 Oct;35(1):133-9

The importance of delivered dose in estimating low-dose cancer risk from inhalation exposure to formaldehyde. Starr TB, et al. **Fundam Appl Toxicol** 1984 Oct;4(5):740-53

Occupational formaldehyde exposure and increased nasal cancer risk in man. Olsen JH, et al. **Int J Cancer** 1984 Nov 15;34(5):639-44

Formaldehyde and hepatotoxicity: a review. Beall JR, et al. **J Toxicol Environ Health** 1984;14(1):1-21 (88 ref.)

Comments on 'Formaldehyde and Hepatotoxicity' by Beall and Ulsamer. Gibson JE. **J Toxicol Environ Health** 1984; 14(2-3):465-9

Some effects of formaldehyde on the upper respiratory tract. Ballenger JJ. **Laryngoscope** 1984 Nov;94(11 Pt 1):1411-3

Mutagenic characteristics of formaldehyde on bacterial systems. Takahashi K, et al. **Mutat Res** 1985 Jun; 156(3):153-61

Chromosome aberrations and sister-chromatid exchange frequencies in pathology staff occupationally exposed to formaldehyde. Thomson EJ, et al. **Mutat Res** 1984 Oct; 141(2):89-93

Sperm count, morphology and fluorescent body frequency in autopsy service workers exposed to formaldehyde. Ward JB Jr, et al. **Mutat Res** 1984 Dec;130(6):417-24

Sensory irritation tolerance and cross-tolerance in F-344 rats exposed to chlorine or formaldehyde gas. Chang JC, et al. **Toxicol Appl Pharmacol** 1984 Nov;76(2):319-27

Absence of embryotoxic effects of formaldehyde after percutaneous exposure in hamsters. Overman DO. **Toxicol Lett** 1985 Jan;24(1):107-10

[Embryonic development and various indicators of reproductive function in rats after inhalation of formaldehyde in the preimplantation phase] Kitaev EM, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):49-52 (Eng. Abstr.) **(Rus)**

FORMALIN see **FORMALDEHYDE**

FORMAMIDASE see under **AMIDOHYDROLASES**

FORMAMIDES

Use of S1 nuclease and formamide in combination for the reassociation studies on GC-rich DNA. Sadhu C, et al. **Anal Biochem** 1984 Oct;142(1):53-7

ADMINISTRATION & DOSAGE

N-Methylformamide (NSC 3051): a potential candidate for combination chemotherapy. Langdon SP, et al. **Eur J Cancer Clin Oncol** 1985 Jun;21(6):745-52

ADVERSE EFFECTS

N-methylformamide-induced hypophosphatemia. Sternberg CN, et al. **Cancer Treat Rep** 1985 Mar;69(3):343-4

ANALYSIS

Aminolysis and hydrolysis of formanilide in water solutions. V. Influence of the substituent in para-position. Bergstrand B. **Acta Pharm Suec** 1985;22(1):1-16

METABOLISM

In vivo metabolism of dimethylformamide and relationship to toxicity in the male rat. Scailteur V, et al. **Arch Toxicol** 1984 Dec;56(2):87-91

PHARMACODYNAMICS

Polyneuronal innervation and quantal transmitter release in formamide-treated frog sartorius muscles. Herrera AA. **J Physiol (Lond)** 1984 Oct;355:267-80

THERAPEUTIC USE

Enhancement by N-methylformamide of the effect of ionizing radiation on a human colon tumor xenografted in nude mice. Dexter DL, et al. **Cancer Res** 1984 Nov; 44(11):4942-6

Phase I study of N-methylformamide in patients with advanced cancer. Ettinger DS, et al. **Cancer Treat Rep** 1985 May;69(5):489-93

Phase I trial of N-methylformamide (NMF, NSC 3051). O'Dwyer PJ, et al. **J Clin Oncol** 1985 Jun;3(6):853-7

TOXICITY

Investigation of the mechanism of hepatotoxicity of N-methylformamide in mice: effects on calcium sequestration in hepatic microsomes and mitochondria and on hepatic plasma membrane potential. Whitby H, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):712-8

Studies on the toxicity of the antitumour agent N-methylformamide in mice. Langdon SP, et al. **Toxicology** 1985 Feb;34(2):173-83

FORMATE DEHYDROGENASES see under **ALDEHYDE OXIDOREDUCTASES**

FORMATES

Surface modification of proteins. Activation of monomethoxy-polyethylene glycols by phenylchloroformates and modification of ribonuclease and superoxide dismutase. Veronese FM, et al. **Appl Biochem Biotechnol** 1985 Apr;11(2):141-52

Chemical probing of conformation in large RNA molecules. Analysis of 16 S ribosomal RNA using diethylpyrocarbonate. Van Stolk BJ, et al. **J Mol Biol** 1984 Nov 25;180(1):151-77

BLOOD

[Stability of esters in the blood in vitro] Ghittori S, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2207-13 (Eng. Abstr.) **(Ita)**

PHARMACODYNAMICS

Diethylpyrocarbonate inactivation of NAD-malic enzyme from Ascaris suum. Rao JG, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):67-74

Inhibition of mitochondrial NADH:ubiquinone oxidoreductase by ethoxyformic anhydride. Vik SB, et al. **Biochem Int** 1984 Nov;9(5):547-55

Chemical modification of essential histidine residues in aspartase with diethylpyrocarbonate. Ida N, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1315-21

Modification of histidines in human prothrombin. Effect on the interaction of fibrinogen with thrombin from diethyl pyrocarbonate-modified prothrombin. Church FC, et al. **J Biol Chem** 1985 Apr 25;260(8):4936-40

Chemical modification of pig kidney 3,4-dihydroxyphenylalanine decarboxylase with diethyl pyrocarbonate. Evidence for an essential histidyl residue. Dominici P, et al. **J Biol Chem** 1985 Sep 5;260(19):10583-9

Histidine modification with diethylpyrocarbonate induces a decrease in the binding of an antagonist, PK 11195, but not of an agonist, RO5-4864, of the peripheral benzodiazepine receptors. Bénavidès J, et al. **Life Sci** 1984 Sep 17;35(12):1249-56

Diethylpyrocarbonate, a histidine selective reagent, inhibits progestin binding to chick oviduct cytosol. Baker ME, et al. **Steroids** 1983 Dec;42(6):593-602

RADIATION EFFECTS

Gamma-radiolysis of N2O-saturated formate solutions. A chain reaction. Al-Sheikhly MI, et al. **Int J Radiat Biol** 1985 Apr;47(4):457-62

FORMAZANS see under **AZO COMPOUNDS**

FORMETANATE see under **CARBAMATES**

FORMIC ACID ESTERS see under **FORMIC ACIDS**

FORMIC ACIDS

ANALYSIS

[Formic acid in ginger bread--an adulterant?] Ayuto M, et al. **Z Lebensm Unters Forsch** 1984 Sep;179(3):243-4 (Eng. Abstr.) **(Ger)**

BLOOD

An enzymatic method for the analysis of formate in human plasma. Shahangian S, et al. **J Anal Toxicol** 1984 Nov-Dec; 8(6):273-6

METABOLISM

Reconstitution 'in vitro' of a formate or NADH dependent nitrite reductase activity starting from cytochrome c552 and membrane vesicles from Escherichia coli K-12. Sánchez-Crispín JA, et al. **Acta Cient Venez** 1984; 35(5-6):350-5

Chelated iron-catalyzed OH. formation from paraquat radicals and H2O2: mechanism of formate oxidation. Sutton HC, et al. **Arch Biochem Biophys** 1984 Nov 15; 235(1):106-15

Relaxation amplitude analysis of thiocyanate and formate binding to human aquomethemoglobin A. Iwuoha EI, et al. **Biochim Biophys Acta** 1985 Jul 1;829(3):327-34

Chloride/formate exchange with formic acid recycling: a mechanism of active chloride transport across epithelial membranes. Karniski LP, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6362-5

PHARMACODYNAMICS

Prostanoid derivatives in experimental flap delay with formic acid. Lawrence WT, et al. **Br J Plast Surg** 1984 Oct; 37(4):602-6

Post-irradiation inactivation, protection, and repair of the sulfhydryl enzyme malate synthase. Effects of formate, superoxide dismutase, catalase, and dithiothreitol. Durchschlag H, et al. **Radiat Environ Biophys** 1985; 24(2):99-111

Control of salmonella by acid disinfection of chicks' food [letter] Hinton M, et al. **Vet Rec** 1985 May 4;116(18):502

A small-angle X-ray scattering study on pre-irradiated malate synthase. The influence of formate, superoxide dismutase, and catalase on the X-ray induced aggregation of the enzyme. Zipper P, et al. **Z Naturforsch [C]** 1985 May-Jun;40(5-6):364-72

POISONING

Formic acid poisoning with suicidal intent: a report of 53 cases. Rajan N, et al. **Postgrad Med J** 1985 Jan;61(711):35-6

FORMIMINOGLUTAMIC ACID see under **GLUTARATES**

FORMOCRESOLS

PHARMACODYNAMICS

In vivo fixative effect of formocresol on pulpotomized deciduous teeth of dogs. Russo MC, et al. **Oral Surg Oral Med Oral Pathol** 1984 Dec;58(6):706-14

THERAPEUTIC USE

Formocresol pulpotomies on posterior permanent teeth. Teplitsky PE. **Can Dent Assoc J** 1984 Aug;50(8):623-7

History of formocresol pulpotomy. Teplitsky PE, et al. **Can Dent Assoc J** 1984 Aug;50(8):629-34

FORMOTHION see under **INSECTICIDES, ORGANOTHIOPHOSPHATE**

FORMS AND RECORDS CONTROL see under **OFFICE MANAGEMENT**

FORMULARIES

The DHSS restricted list of drugs—getting it right. **Drug Ther Bull** 1985 Feb 25;23(4):13-6

Discussing the limited list. **Lancet** 1985 Feb 16;1(8425):411-2

Development of a limited formulary for general practice. Grant GB, et al. **Lancet** 1985 May 4;1(8436):1030-2

Restricted NHS drug list and gastroenterology [letter] Whorwell PJ, et al. **Lancet** 1985 Jan 5;1(8419):52

Cost effects of restricting cost-effective therapy. Bloom BS, et al. **Med Care** 1985 Jul;23(7):872-80

[The Norwegian Drug and Therapeutic Formulary. The results of a questionnaire inquiry] Vennerød AM, et al. **Tidsskr Nor Laegeforen** 1985 Jun 20;105(17-18):1257-60 (Eng. Abstr.) (Nor)

FORMULARIES, HOSPITAL

Evaluating a restrictive formulary system by assessing nonformulary-drug requests. Green JA, et al. **Am J Hosp Pharm** 1985 Jul;42(7):1537-41

Effect of formulary restriction of cefotaxime usage. DeVito JM, et al. **Arch Intern Med** 1985 Jun;145(6):1053-6

Design and preparation of a formulary—guide to the prescribing of medicines. Tugwell AC, et al. **J Clin Hosp Pharm** 1984 Dec;9(4):311-9

Limiting antibiotics on the hospital formulary. Westerman EL. **J Okla State Med Assoc** 1985 Jun;78(6):176-82

ECONOMICS

Cost effectiveness of an enteral products formulary. Durfee DD, et al. **Am J Hosp Pharm** 1984 Nov;41(11):2352-4

STANDARDS

ASHP technical assistance bulletin on hospital formularies. **Am J Hosp Pharm** 1985 Feb;42(2):375-7

'Article-induced' dyscontrol [letter] Gardner DL, et al. **Am J Psychiatry** 1985 Jun;142(6):776

FORMULARY COMMITTEE see **PHARMACY AND THERAPEUTICS COMMITTEE**

FORMYCINS see under **ANTIBIOTICS, ANTINEOPLASTIC**

N-FORMYLMETHIONINE see under **METHIONINE**

N-FORMYLMETHIONINE LEUCYL-PHENYLALANINE

Binding of N-formylated chemotactic peptides in crystals of the Mcg light chain dimer: similarities with neutrophil receptors. Edmundson AB, et al. **Mol Immunol** 1985 Apr;22(4):463-75

ANALOGS & DERIVATIVES

Cyclic tetrameric clusters of chemotactic peptides as superactive activators of lysozyme release from human neutrophils. Kraus JL, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):939-44

A highly active chemotactic peptide analog incorporating the unusual residue 1-aminocyclohexanecarboxylic acid at position 2. Sukumar M, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):339-44

Conformational effects on peptide aggregation in organic solvents: spectroscopic studies of two chemotactic tripeptide analogs. Raj PA, et al. **Biopolymers** 1985 Jul;24(7):1131-46

Differential effects of lipoxygenase products on FMLP and LTB4 evoked neutrophil aggregation. Beckman JK, et al. **Lipids** 1985 Jun;20(6):357-60

[An analog of formyl-met-leu-phe effects the movement of human leukocytes] Cavalletti T, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1103-9 (Eng. Abstr.) (Ita)

ANTAGONISTS & INHIBITORS

Cyclic AMP inhibition of fMet-Leu-Phe-dependent metabolic responses in human neutrophils is not due to its effects on cytosolic Ca2+. De Togni P, et al. **Biochem J** 1984 Dec 1;224(2):629-35

Inhibitory effects of various drugs on phorbol myristate acetate and n-formyl methionyl leucyl phenylalanine induced O2- production in polymorphonuclear leukocytes. Taniguchi K, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3165-9

Phorbol esters inhibit the fMet-Leu-Phe- and leukotriene B4-stimulated calcium mobilization and enzyme secretion in rabbit neutrophils. Naccache PH, et al. **J Biol Chem** 1985 Feb 25;260(4):2125-31

Pertussis toxin inhibits chemotactic peptide-stimulated generation of inositol phosphates and lysosomal enzyme secretion in human leukemic (HL-60) cells. Brandt SJ, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3277-80

Pertussis toxin inhibits fMet-Leu-Phe- but not phorbol ester-stimulated changes in rabbit neutrophils: role of G proteins in excitation response coupling. Volpi M, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2708-12

METABOLISM

Intensity and kinetics of the respiratory burst of human neutrophils in relation to receptor occupancy and rate of occupation by formylmethionylleucylphenylalanine. De Togni P, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):12-22

Regulation of receptors and digestive activity toward synthesized formyl-chemotactic peptide in human polymorphonuclear leukocytes. Nunoi H, et al. **Blood** 1985 Jul;66(1):106-14

Binding of formyl peptides to Walker 256 carcinosarcoma cells and the chemotactic response of these cells. Rayner DC, et al. **Cancer Res** 1985 May;45(5):2288-93

Inhibition of human neutrophil receptor-mediated uptake of N-formyl-met-leu-phe by platelet factor 4 (59-70). Goldman DW, et al. **Immunology** 1985 Jan;54(1):163-72

Relationship of actin polymerization and depolymerization to light scattering in human neutrophils: dependence on receptor occupancy and intracellular Ca++. Sklar LA, et al. **J Cell Biol** 1985 Sep;101(3):1161-6

Chemotactic factor binding by metastatic tumour cells: evidence for a formyl-peptide receptor on a non-myelogenous cell. Marasco WA, et al. **J Cell Sci** 1985 Feb;73:121-34

Analysis of human monocyte chemoattractant binding by flow cytometry. Leonard EJ, et al. **J Leukocyte Biol** 1985 Sep;38(3):403-13

PHARMACODYNAMICS

Neutrophil function in the dog: shape change and response to a synthetic tripeptide. Stickle JE, et al. **Am J Vet Res** 1985 Jan;46(1):225-8

Activation of NADPH oxidase in human neutrophils. Synergism between fMLP and the neutrophil products PAF and LTB4. Dewald B, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):297-304

Activation of NADPH oxidase of human neutrophils. Potentiation of chemotactic peptide by a diacylglycerol. Dewald B, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):367-73

Pertussis toxin inhibits the rise in the intracellular concentration of free calcium that is induced by chemotactic factors in rabbit neutrophils: possible role of the 'G proteins' in calcium mobilization. Molski TF, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):644-50

Association of leukotriene B4 with the cytoskeleton of rabbit neutrophils. Effect of chemotactic factor and phorbol esters. Naccache PH, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):963-9

Pertussis toxin inhibits intracellular pH changes in human neutrophils stimulated by N-formyl-methionyl-leucyl-phenylalanine. Satoh M, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):64-9

Inhibition by verapamil of neutrophil responses to formylmethionylleucylphenylalanine and phorbol myristate acetate. Mechanisms involving Ca2+ changes, cyclic AMP and protein kinase C. Della Bianca V, et al. **Biochim Biophys Acta** 1985 May 30;845(2):223-36

Mechanism of desensitization of neutrophil response to N-formylmethionylleucylphenylalanine by slow rate of receptor occupancy. Studies on changes in Ca2+ concentration and phosphatidylinositol turnover. De Togni P, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):23-31

Superoxide release and intracellular free calcium of calcium-depleted human neutrophils stimulated by N-formyl-methionyl-leucyl-phenylalanine. Nakagawara M, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):97-103

Regulation of monocyte procoagulant by chemoattractants. Janco RL, et al. **Blood** 1985 Mar;65(3):545-52

Stimulus-dependent inhibition of superoxide generation by prostaglandins. Sedgwick JB, et al. **Clin Immunol Immunopathol** 1985 Feb;34(2):205-15

Effects of soluble stimuli on human monocyte secretion. Speziale SC, et al. **Clin Immunol Immunopathol** 1985 Jul;36(1):60-9

Effect of some anti-inflammatory drugs on FMLP-induced chemotaxis and random migration of rat polymorphonuclear leucocytes. Pham Huy D, et al. **Eur J Pharmacol** 1985 May 8;111(2):251-6

Extracellular cytotoxicity by phagocytosing polymorphonuclear neutrophilic leukocytes: enhancement by a chemotactic stimulus. Dallegri F, et al. **Exp Hematol** 1985 Mar;13(3):209-14

Inositol 1,4,5-trisphosphate may be a signal for f-Met-Leu-Phe-induced intracellular Ca mobilisation in human leucocytes (HL-60 cells). Burgess GM, et al. **FEBS Lett** 1984 Oct 15;176(1):193-6

Breakdown and synthesis of polyphosphoinositides in fMetLeuPhe-stimulated neutrophils. Cockcroft S, et al. **FEBS Lett** 1985 Feb 25;181(2):259-63

Relationships between phosphoinositide metabolism, Ca2+ changes and respiratory burst in formyl-methionyl-leucyl-phenylalanine-stimulated human neutrophils. The breakdown of phosphoinositides is not involved in the rise of cytosolic free Ca2+. Rossi F, et al. **FEBS Lett** 1985 Feb 25;181(2):253-8

Kinetics of tachyphylaxis to mediators of acute inflammation. Colditz IG. **Immunology** 1985 May;55(1):149-56

Pattern of formylmethionyl-leucyl-phenylalanine-induced luminol- and lucigenin-dependent chemiluminescence in human neutrophils. Dahlgren C, et al. **Infect Immun** 1985 Jan;47(1):326-8

Characterization of effect of N-formyl-methionyl-leucyl-phenylalanine on leukotriene synthesis in human polymorphonuclear leukocytes. Salari H, et al. **Inflammation** 1985 Jun;9(2):127-38

Chemotactic activity of hydroxyalkenals on rat neutrophils. Curzio M, et al. **Int J Tissue React** 1985;7(2):137-42

Drug modulation of superoxide anion production from human neutrophils. Fantozzi R, et al. **Int J Tissue React** 1985;7(2):149-52

Endothelial cell prostacyclin production induced by activated neutrophils. Miller DK, et al. **J Biol Chem** 1985 Jan 25;260(2):1006-14

Membrane-cytoskeleton interactions and the regulation of chemotactic peptide-induced activation of human granulocytes: the effects of dihydrocytochalasin B. Jesaitis AJ, et al. **J Cell Biochem** 1985;27(3):241-53

The kinetics of chemotactic peptide-induced change in F-actin content, F-actin distribution, and the shape of neutrophils. Howard TH, et al. **J Cell Biol** 1985 Sep;101(3):1078-85

Effects of chemotactic factors and other agents on the amounts of actin and a 65,000-mol-wt protein associated with the cytoskeleton of rabbit and human neutrophils. Yassin R, et al. **J Cell Biol** 1985 Jul;101(1):182-8

Intracellular calcium redistribution and its relationship to fMet-Leu-Phe, leukotriene B4, and phorbol ester induced rabbit neutrophil degranulation. Naccache PH, et al. **J Cell Physiol** 1985 Feb;122(2):273-80

Removal or oxidation of surface membrane sialic acid inhibits formyl-peptide-induced polymorphonuclear leukocyte chemotaxis. Perez HD, et al. **J Immunol** 1985 Mar;134(3):1902-8

Fibronectin mediates chemotactic factor-stimulated neutrophil substrate adhesion. Marino JA, et al. **J Lab Clin Med** 1985 Jun;105(6):725-30

Alterations in the biophysical properties of the human endothelial cell plasma membrane induced by a chemotactic tripeptide: correlation with enhanced adherence of granulocytes. Kirkpatrick CJ, et al. **J Pathol** 1984 Nov;144(3):201-11

Stimulation by lipoxygenase products of superoxide anion production in FMLP-treated neutrophils. Beckman JK, et al. **Lipids** 1985 May;20(5):318-21

Characterization of formylmethionyl-leucyl-phenylalanine stimulation of inositol trisphosphate accumulation in rabbit neutrophils. Bradford PG, et al. **Mol Pharmacol** 1985 Jan;27(1):74-8

Bronchoconstriction induced by N-formyl-methionyl-leucyl-phenylalanine in the guinea pig: involvement of arachidonic acid metabolites. Hamel R, et al. **Prostaglandins** 1984 Jul;28(1):43-56

Targeted modulation of acute inflammation. Ranney DF. **Science** 1985 Jan 11;227(4683):182-4

[Cell membrane dynamics and intracellular fluidity of inflammatory cells induced by FMLP and PHA] Shiotsuki K, et al. **Arerugi** 1985 Feb;34(2):135-41 (Eng. Abstr.) (Jpn)

PHYSIOLOGY

Potential role for a guanine nucleotide regulatory protein in chemoattractant receptor mediated polyphosphoinositide metabolism, Ca++ mobilization and cellular responses by leukocytes. Verghese MW, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):450-7

The chemotactic response of granulocytes to the low molecular weight chemoattractants f-MLP, C5f, and LTB4 is dependent on chemokinetic factors. Håkansson L, et al. **J Leukocyte Biol** 1985 Oct;38(4):521-30

N-FORMYL-METHIONYL-LEUCYL-PHENYLALANI see **N-FORMYLMETHIONINE LEUCYL-PHENYLALANINE**

N(5)-FORMYLTETRAHYDROFOLATE see **CITROVORUM FACTOR**

FORMYLTETRAHYDROFOLATE SYNTHETASE see under **LIGASES**

FORMYLTETRAHYDROFOLATES see under

TETRAHYDROFOLATES

FORSSMAN ANTIGEN see under **ANTIGENS, HETEROGENETIC**

FOSFOMYCIN see under **ANTIBIOTICS**

FOSSIL FUELS

The induction of sister chromatid exchanges by environmental pollutants: relationship of SCE to other measures of genetic damage. Brooks AL, et al. **Basic Life Sci** 1984;29 Pt A:385–96

The Tayside infant morbidity and mortality study: effect on health of using gas for cooking. Ogston SA, et al. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):957–60

Mutagenic/carcinogenic agents in indoor pollutants; the dinitropyrenes generated by kerosene heaters and fuel gas and liquefied petroleum gas burners. Tokiwa H, et al. **Mutat Res** 1985 Jul;157(1):39–47

[Circulatory dynamics during field-duty work] Krivoshchenkov SG, et al. **Fiziol Cheloveka** 1984 Jan–Feb; 10(1):86–93 **(Rus)**

[Hygienic evaluation of systems for heating intake air by burning natural gas] Koliadich MN, et al. **Gig Sanit** 1985 Apr;(4):36–8 **(Rus)**

ADVERSE EFFECTS

Chromosome aberrations in employees from fossil-fueled and nuclear-power plants. Léonard A, et al. **Mutat Res** 1984 Nov–Dec;138(2–3):205–12

FOSSILS see under **PALEONTOLOGY**

FOSTER HOME CARE

Government leadership to protect children from foster care 'drift'. Hartley EK. **Child Abuse Negl** 1984;8(3):337–42

Reducing out-of-home placements of abused children: two controlled field studies. Szykula SA, et al. **Child Abuse Negl** 1985;9(2):277–83

Back to basics in health care for foster children. Schor DP, et al. **Child Today** 1985 May–Jun;14(3):13–6

The Chesapeake Health Plan: an HMO model for foster children. Schor EL, et al. **Child Welfare** 1984 Sep–Oct; 63(5):431–40

Health care delivery to foster children: a study. Moffatt ME, et al. **Health Soc Work** 1985 Spring;10(2):129–37

Community acceptance of the mentally ill in foster family care. Sherman SR, et al. **Health Soc Work** 1984 Summer; 9(3):188–99

The sex distribution of children in care. Lawson CW, et al. **J Adolesc** 1985 Jun;8(2):167–81

Foster family care for older persons who are mentally retarded. Sherman SR, et al. **Ment Retard** 1984 Dec; 22(6):302–8

Foster care for child maltreatment: impact on delinquent behavior. Runyan DK, et al. **Pediatrics** 1985 Mar; 75(3):562–8

[Preliminary results of foster care of children at risk who have been transferred from a home for children and infants] Mores A. **Cesk Pediatr** 1985 Jul;40(7):418–21 (Eng. Abstr.) **(Cze)**

[Psychophysical development of children raised in children's homes and in the family] Kocańda-Ulanecka K, et al. **Rocz Panstw Zakl Hig** 1985;36(1):68–75 (Eng. Abstr.) **(Pol)**

[Placing the foundation stone for the Infant Jesus Hospital] Moskwa Z. **Wiad Lek** 1984 Mar 15;37(6):479–80 **(Pol)**

METHODS

Children leaving foster care: outcomes of permanency planning. Fein E, et al. **Child Abuse Negl** 1984;8(4):425–31

[The residential structure as a therapeutic instrument] Uchtenhagen A. **Psychiatr Prax** 1984 Sep;11(5):163–7 (Eng. Abstr.) **(Ger)**

PSYCHOLOGY

[Foster parents in role conflict—tasks of the psychologic care of foster families] Goldbeck L. **Prax Kinderpsychol Kinderpsychiatr** 1984 Nov–Dec; 33(8):308–17 (Eng. Abstr.) **(Ger)**

STANDARDS

Leads from the MMWR. Education and foster care of children infected with human T-lymphotropic virus type III/lymphadenopathy-associated virus. **JAMA** 1985 Sep 20;254(11):1430, 1435–6

Education and foster care of children infected with human T-lymphotropic virus type III/lymphadenopathy-associated virus. **MMWR** 1985 Aug 30;34(34):517–21

TRENDS

Ethnicity and foster care: census data as predictors of placement variables. Jenkins S, et al. **Am J Orthopsychiatry** 1985 Apr;55(2):267–76

FOUNDATIONS

The Twins Foundation: twins take up the challenge. Cassill K. **Acta Genet Med Gemellol (Roma)** 1984;33(3):523–5

British Foundation for Age Research--the formative years. Hall DA. **Age Ageing** 1985 May;14(3):129–31

Driving a harder bargain for the donated dollar [interview by Emily Friedman] Murphy J. **Hospitals** 1985 Jul 16; 59(14):87–8

The Robert Wood Johnson Foundation Programs in Dental Health Philanthropy. Rogers DE. **J Dent Educ** 1984 Nov; 48(11):585–6

The Indian Nutrition Foundation [editorial] **Lancet** 1985 Jun 1;1(8440):1254–5

Scripps Clinic and Research Foundation. A dynamic force in the health science industry [editorial] **Postgrad Med** 1985 Sep 1;78(3):13–5

[The organization of burn care in the Netherlands] Hermans RP, et al. **Ned Tijdschr Geneeskd** 1984 Nov 10; 128(45):2136–7 **(Dut)**

HISTORY

The road to worldwide prominence in medicine and research. Furthering Miss Scripps' mission [editorial] **Postgrad Med** 1985 Sep 1;78(3):15–6, 19

ORGANIZATION & ADMINISTRATION

The research program and priorities of the Robert Wood Johnson Foundation. Kehrer BH, et al. **Health Serv Res** 1984 Oct;19(4):439–53

The Gut Foundation [editorial] Bolin TD. **Med J Aust** 1984 Dec 8–22;141(12–13):780–1

Central Texas Medical Foundation: a working ideal. Jones DB. **Tex Med** 1985 Mar;81(3):75–7

FOURIER ANALYSIS

Fourrier analysis demonstrate EEG slowing after circulatory arrest at 20 degrees C. Massaut J, et al. **Acta Annesthesiol Belg** 1984;35 Suppl:371–8

Prediction of improvement in left ventricular function after ventricular aneurysmectomy using Fourier phase and amplitude analysis of radionuclide cardiac blood pool scans. Yiannikas J, et al. **Am J Cardiol** 1985 May 1;55(11):1308–12

Fourier transform ion mobility spectrometry. Knorr FJ, et al. **Anal Chem** 1985 Feb;57(2):402–6

High mass analysis by laser desorption Fourier transform mass spectrometry. Wilkins CL, et al. **Anal Chem** 1985 Feb; 57(2):520–4

Combined Fourier amplitude and phase imaging in patients with coronary artery disease. Alcan KE, et al. **Clin Nucl Med** 1984 Dec;9(12):693–701

A new method for objective evaluation of cardiac parametric images. Liehn JC, et al. **Eur J Nucl Med** 1984;9(10):446–52

Fourier analysis on ungated time-activity curves. Rioux JN, et al. **Eur J Nucl Med** 1985;10(11–12):500–4

A comparison between Walsh and Fourier analysis of the electroencephalogram for tracking the effects of anesthesia. Dzwonczyk R, et al. **IEEE Trans Biomed Eng** 1984 Aug; 31(8):551–6

Waveform analysis for the detection of airways obstruction in man. Reddy DC, et al. **Med Biol Eng Comput** 1984 Nov; 22(6):481–5

Fourier transform mass spectrometry. Gross ML, et al. **Science** 1984 Oct 19;226(4672):261–8 (75 ref.)

[Fourier harmonic analysis of the sagittal profile of the Plesianthropus transvaalensis (STS5) skull] Pesce Delfino V, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1301–7 (Eng. Abstr.) **(Ita)**

[Analytical morphometry of seminiferous tubules in maturation arrest: Fourier analysis of the internal contours of tubules] Ricco R, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1309–15 (Eng. Abstr.) **(Ita)**

[Description of the shape of carcinomatous nodules of the breast by means of high degree polynomial equations and Fourier harmonic analysis] Ricco R, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2135-41 (Eng. Abstr.) **(Ita)**

[Analysis of diastolic heart function. Principles and considerations on the use of 2 harmonics] Bottinelli G, et al. **Radiol Med (Torino)** 1984 Oct;70(10):748–51 (Eng. Abstr.) **(Ita)**

[Application of Fourier analysis to the movement of ventricular edge: a new method for quantification of segmental wall motion] Nakajima K, et al. **Kaku Igaku** 1984 Jul;21(7):853–7 (Eng. Abstr.) **(Jpn)**

[Experiment with respiratory gated liver imaging with Fourier analysis in patients with liver cirrhosis] Seto M, et al. **Kaku Igaku** 1984 Jul;21(7):867–70 (Eng. Abstr.) **(Jpn)**

[Evaluation of right ventricular infarction using Fourier analysis] Takahashi T, et al. **Kaku Igaku** 1984 May; 21(5):427–33 (Eng. Abstr.) **(Jpn)**

[Application of computerized spectral analysis to the study of ocular motility. Pursuit movements] Gavilán J, et al. **An Otorrinolaringol Ibero Am** 1984;11(5–6):375–95 (Eng. Abstr.) **(Spa)**

FOVEA CENTRALIS see under **MACULA LUTEA**

FOWL PARALYSIS see **MAREK'S DISEASE**

FOWL PARALYSIS VIRUS see **MAREK'S DISEASE VIRUS**

FOWL PEST see **FOWL PLAGUE**

FOWL PLAGUE

IMMUNOLOGY

An enzyme-linked immunosorbent assay for the detection of antibody against avian influenza virus. Snyder DB, et al. **Avian Dis** 1985 Jan–Mar;29(1):136–44

MICROBIOLOGY

Evolution of the A/Chicken/Pennsylvania/83 (H5N2) influenza virus. Kawaoka Y, et al. **Virology** 1985 Oct 15; 146(1):130–7

[Isolation and characterization of influenza virus type A, in ornamental birds, in Rio de Janeiro] Couceiro JN, et al. **An Microbiol (Rio De J)** 1982;27:159–67 (Eng. Abstr.) **(Por)**

PATHOLOGY

Lesions in broiler and layer chickens in an outbreak of highly pathogenic avian influenza virus infection. Acland HM, et al. **Vet Pathol** 1984 Nov;21(6):564–9

PREVENTION & CONTROL

Chemotherapy and vaccination: a possible strategy for the control of highly virulent influenza virus. Webster RG, et al. **J Virol** 1985 Jul;55(1):173–6

TRANSMISSION

Host range of A/Chicken/Pennsylvania/83 (H5N2) influenza virus. Wood JM, et al. **Avian Dis** 1985 Jan–Mar; 29(1):198–207

FOWL PLAGUE VIRUS see **ORTHOMYXOVIRUS TYPE A, AVIAN**

FOWL POX

DIAGNOSIS

Poxvirus infection of the Manx shearwater (Puffinus puffinus). Nuttall PA, et al. **J Wildl Dis** 1985 Apr; 21(2):120–4

MICROBIOLOGY

Morphogenesis of canary poxvirus and its entrance into inclusion bodies. Sadasiv EC, et al. **Am J Vet Res** 1985 Feb;46(2):529–35

PATHOLOGY

Avian pox in a red-tailed hawk (Buteo jamaicensis). Fitzner RE, et al. **J Wildl Dis** 1985 Jul;21(3):298–301

PREVENTION & CONTROL

Avian pox: infection and immunity with quail, psittacine, fowl, and pigeon pox viruses. Winterfield RW, et al. **Poult Sci** 1985 Jan;64(1):65–70

FOWL POX VIRUS see under **POXVIRIDAE**

FOWLS, DOMESTIC see **POULTRY**

FOXES

The fox as definitive host for Sarcocystis sp. Gjerde, 1984 from skeletal muscle of reindeer (Rangifer tarandus). With a proposal for Sarcocystis tarandivulpes n. sp. as replacement name. Gjerde B. **Acta Vet Scand** 1984; 25(3):403–10

Ammonium-5-tungsto-2-antimoniate (HPA23) can prevent fox rabies. Pepin M, et al. **Arch Virol** 1985;83(3–4):327–9

Dermatomycosis in ranch foxes. Janovitz EB, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1393–4

Urolithiasis in ranch foxes. Long GG. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1394–6

Beta hemolytic streptococcal infection in red foxes (Vulpes vulpes L.) in France: the natural disease and experimental studies. Barrat J, et al. **J Wildl Dis** 1985 Apr;21(2):141–3

Malignant fibrous histiocytoma in a fox. Fujimaki Y, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):147–50

[A discrete-events computer model of fox rabies] Garnerin P, et al. **Rev Epidemiol Sante Publique** 1985;33(1):29–38 (Eng. Abstr.) **(Fre)**

[Cryptococcosis in a red fox (Vulpes vulpes)] Weller W, et al. **Berl Munch Tierarztl Wochenschr** 1985 Jan 1;98(1):14–5 (Eng. Abstr.) **(Ger)**

[Vaccination of rabbits and fur animals] Matthes S. **Tierarztl Prax** 1985;13(1):107–12 (Eng. Abstr.) **(Ger)**

ANATOMY & HISTOLOGY

Variations in the origin of the caudal phrenic and cranial abdominal arteries in silver fox, Vulpes vulpes fulva (Desmarest, 1820). Knasiecka V. **Folia Morphol** 1984; 43(4):349–53

METABOLISM

Soluble Mn2+-dependent adenylate cyclase activity in the testis of the blue fox (Alopex lagopus). Smith AJ, et al. **Arch Androl** 1984;12(2-3):225-30

MICROBIOLOGY

Experimental La Crosse virus infection of red fox (Vulpes fulva), raccoon (Procyon lotor), opossum (Didelphis virginiana), and woodchuck (Marmota monax). Amundson TE, et al. **Am J Trop Med Hyg** 1985 May;34(3):586-95

An outbreak of salmonellosis in a Danish fox farm. Henriksen P, et al. **Nord Vet Med** 1985 Mar-Apr;37(2):107-8

[Excretion of the rabies virus in foxes after experimental infection] Matouch O, et al. **Vet Med (Praha)** 1984 Nov; 29(11):653-8 (Eng. Abstr.) **(Cze)**

PARASITOLOGY

The fox as a definitive host for Sarcocystis rangi from reindeer (Rangifer tarandus tarandus). Gjerde B. **Acta Vet Scand** 1985;26(1):140-2

Echinococcus multilocularis in Wisconsin. Ballard NB. **J Parasitol** 1984 Oct;70(5):844

Kala-azar in Portugal. V. The sylvatic cycle in the enzootic endemic focus of Arrabida. Abranches P, et al. **J Trop Med Hyg** 1984 Oct;87(5):197-200

Angiostrongylus vasorum (Baillet, 1866) in red foxes (Vulpes vulpes L.) in Italy. Poli A, et al. **J Wildl Dis** 1984 Oct; 20(4):345-6

Experimental infection of red foxes (Vulpes vulpes) with Sarcoptes scabiei var. vulpes. Mörner T, et al. **Vet Parasitol** 1984 Aug;15(2):159-64

[Preliminary study on the occurrence of sylvan trichinelliasis in 589 foxes in the Province of Rome] Cancrini G, et al. **Parassitologia** 1982 Dec;24(2-3):185-9 (Eng. Abstr.) **(Ita)**

PHYSIOLOGY

Seasonal changes in spermatogenesis in the blue fox (Alopex lagopus), quantified by DNA flow cytometry and measurement of soluble Mn2+ -dependent adenylate cyclase activity. Smith AJ, et al. **J Reprod Fertil** 1984 Nov; 72(2):453-61

[Relative hypertrophy of the right ventricle in silver foxes selected for domestication behavior] Eriskovskaia NK, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):120-4 (Eng. Abstr.) **(Rus)**

FRACTIONAL PRECIPITATION see under **PRECIPITATION**

FRACTIONATION see under **CHEMISTRY, ANALYTICAL**

FRACTURE FIXATION

A review of scaphoid fracture healing in competitive athletes. Riester JN, et al. **Am J Sports Med** 1985 May-Jun; 13(3):159-61

A manoeuvre to cover exposed metal using a de-epithelialised 'turn-over' fasciocutaneous flap. Thatte RL, et al. **Br J Plast Surg** 1985 Apr;38(2):223-9

Radiographic evaluation of the modified Bristow procedure for recurrent anterior dislocation of the shoulder. Lemmens JA, et al. **Diagn Imag Clin Med** 1984;53(5):221-5

Simple external fixation of open and complicated fractures. Cannon SR, et al. **Injury** 1985 May;16(6):367-70

The management of type III open tibial fractures. Chan KM, et al. **Injury** 1984 Nov;16(3):157-65

The management of severely comminuted fractures of the femoral shaft, using the external fixator. Gottschalk FA, et al. **Injury** 1985 May;16(6):377-81

External fixation of ipsilateral fractures of the femur and tibia. Rööser B, et al. **Injury** 1985 May;16(6):371-3

The floating knee. 40 cases of ipsilateral fractures of the femur and the tibia. Bansal VP, et al. **Int Orthop** 1984;8(3):183-7

The treatment of the cervical spine fractures. Misasi N, et al. **J Neurosurg Sci** 1984 Jul-Dec;28(3-4):181-3

Monitoring the healing of a tibial osteotomy in the rabbit treated with external fixation. Kaplan SJ, et al. **J Orthop Res** 1985;3(3):325-30

Incidence of adult respiratory distress syndrome in patients with multiple musculoskeletal injuries: effect of early operative stabilization of fractures. Johnson KD, et al. **J Trauma** 1985 May;25(5):375-84

[The joint-bridging external fixation system in the treatment of open fractures] Wölienweber HD, et al. **Beitr Orthop Traumatol** 1984 Sep;31(9):446-53 (Eng. Abstr.) **(Ger)**

[Treatment of a tibial fracture in recessive epidermolysis bullosa herditaria dystrophica] Orthner E, et al. **Unfallheilkunde** 1984 Sep;87(9):393-6 (Eng. Abstr.) **(Ger)**

[Evaluation of the aftermath of trimalleolar fractures of the tibio-tarsal joint] Torretta F, et al. **Chir Ital** 1985 Apr; 37(2):198-205 (Eng. Abstr.) **(Ita)**

[Use of the steroid muscle relaxant arduan in surgical interventions on the musculoskeletal system] Pashchuk AIu, et al. **Ortop Travmatol Protez** 1984 Dec;(12):20-2 (Eng. Abstr.) **(Rus)**

[Protein-calorie deficiency in the nutritional status of mandibular fracture patients during immobilization] Kholodov SV. **Stomatologiia (Mosk)** 1984 Sep-Oct; 63(5):55-8 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

The radiological evaluation of multiple pin fixation of the femoral head. Turner A, et al. **Br J Radiol** 1984 Oct; 57(682):887-90

Genitoperineal injury induced by orthopedic fracture table. Peterson NE. **J Urol** 1985 Oct;134(4):760-1

[Special aspects of the prevention of thromboembolism following fractures of the lower extremity] Reilmann H, et al. **Orthopade** 1984 Sep;13(4):298-300 **(Ger)**

[Aseptic bone healing disorders following tibial shaft fractures] Szyszkowitz R, et al. **Orthopade** 1984 Sep; 13(4):301-11 **(Ger)**

[Complications of external fixation devices] Kárpáti V, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985; 28(3):231-5 **(Hun)**

[Femoral neck fractures in younger adults (between ages 20-50)] Manninger J, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1984; 27(4):241-9 (Eng. Abstr.) **(Hun)**

[Rare complication of bone fracture and bone surgery: bone embolism, muscle embolism and bone marrow embolism (case reports)] Nagy A. **Magy Traumatol Orthop Helyreallito Sebesz** 1984; 27(4):297-9 (Eng. Abstr.) **(Hun)**

[Pathogenetic aspects of urinary lithiasis in immobilization] Jeantet A, et al. **Minerva Urol Nefrol** 1984 Jul-Sep; 36(3):203-7 (Eng. Abstr.) **(Ita)**

[Various anatomopathological aspects of post-traumatic and postoperative bone infections] Warda E. **Folia Med Cracov** 1984;25(1-2):141-4 (Eng. Abstr.) **(Pol)**

HISTORY

Carpenter's nails, phonograph needles, piano wires, and safety pins: the history of operative fixation of metacarpal and phalangeal fractures. Meals RA, et al. **J Hand Surg [Am]** 1985 Jan;10(1):144-50

[Eduard Rehn fracture treatment and reconstructive surgery in Freiburg--or the scientific tradition reflected in current knowledge] Müller KH. **Unfallchirurg** 1985 Jan;88(1):33-50 (Eng. Abstr.) **(Ger)**

INSTRUMENTATION

Stabilization of the lower thoracic and lumbar spine with external skeletal fixation. Magerl FP. **Clin Orthop** 1984 Oct; (189):125-41

Posterior stabilization of pelvic fractures by use of threaded compression rods. Case reports and mechanical testing. Shaw JA, et al. **Clin Orthop** 1985 Jan-Feb;(192):240-54

Comminuted femoral-shaft fractures: treatment by roller traction, cerclage wires and an intramedullary nail, or an interlocking intramedullary nail. Johnson KD, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1222-35

Comparison of the effects of compression plates and external fixators on early bone-healing. Lewallen DG, et al. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1084-91

Stiffness of small-bone external fixation methods: an experimental study. Stuchin SA, et al. **J Hand Surg [Am]** 1984 Sep;9(5):718-24

Parametric analyses of pin-bone stresses in external fracture fixation devices. Huiskes R, et al. **J Orthop Res** 1985; 3(3):341-9

Fatigue performance of external fixator pins. Kasman RA, et al. **J Orthop Res** 1984;2(4):377-84

Effects of low-modulus coatings on pin-bone contact stresses in external fixation. Manley MT, et al. **J Orthop Res** 1984; 2(4):385-92

Development of a variable stiffness external fixation system for stabilization of segmental defects of the tibia. Tencer AF, et al. **J Orthop Res** 1984;1(4):395-404

A study of external skeletal fixation systems for unstable pelvic fractures. Dahners LE, et al. **J Trauma** 1984 Oct; 24(10):876-81

Treatment of femoral shaft fractures in the spinal cord injury patient using the Wagner leg lengthening device. Baird RA, et al. **Paraplegia** 1984 Dec;22(6):366-72

External fixation for fractures and pedicle flap immobilization: a convenient and inexpensive substitute. Shmueli G, et al. **Plast Reconstr Surg** 1985 Apr;75(4):594-5

Segmental spinal instrumentation. Nasca RJ. **South Med J** 1985 Mar;78(3):303-9

[Use of a patellar holder for patellar fractures] Jin HB. **Chung Hua Wai Ko Tsa Chih** 1984 Jan;22(1):27-30, 62 (Eng. Abstr.) **(Chi)**

[Use of improved Harrington's instrumentation for fracture of the thoracolumbar vertebrae with paraplegia] Wang YM. **Chung Hua Wai Ko Tsa Chih** 1984 Jan;22(1):31-2, 63 (Eng. Abstr.) **(Chi)**

[Measurement of the stability of various universal ball-and-socket joints for external fixation] Schrøder HA. **Ugeskr Laeger** 1985 Jan 14;147(3):163-5 (Eng. Abstr.) **(Dan)**

[Results of the treatment of complex fractures of the distal epiphysis of the radius by Hoffmann's external fixator used in radio-metacarpal distraction] Chaise F, et al. **Acta Orthop Belg** 1984;50(6):781-90 (Eng. Abstr.) **(Fre)**

[Lumbosciatic pain caused by metal wire: a late complication of posterior cervical cerclage] Lesoin F, et al. **Ann Chir** 1985 Apr;39(3):190 **(Fre)**

[Experience with the use of an external fixator in patients with multiple injuries] Eitenmüller J, et al. **Aktuel Traumatol** 1984 Dec;14(6):237-42 (Eng. Abstr.) **(Ger)**

[Functionally stable fixation in severe midface fractures using an external cranial fixator] Grätz KW, et al. **Aktuel Traumatol** 1984 Dec;14(6):259-62 (Eng. Abstr.) **(Ger)**

[Use of an external minifixator in severe open injuries of the hand] Hertz H, et al. **Aktuel Traumatol** 1984 Dec; 14(6):248-51 (Eng. Abstr.) **(Ger)**

[Treatment of infected tibial fractures and pseudarthrosis using an external fixator] Scharf W, et al. **Aktuel Traumatol** 1984 Dec;14(6):243-7 (Eng. Abstr.) **(Ger)**

[Rare indications for an external fixator] Scharf W, et al. **Aktuel Traumatol** 1984 Dec;14(6):252-8 (Eng. Abstr.) **(Ger)**

[Mechanical and technical aspects of an external fixator made of rings and Kirschner wires (using the Wittmoser and Ilisarov methods). Alternatives to plate osteosynthesis] Schewior T, et al. **Aktuel Traumatol** 1984 Dec;14(6):263-5 (Eng. Abstr.) **(Ger)**

[Determination of tensile strength of compressive external fixation assemblies] Mayer G, et al. **Beitr Orthop Traumatol** 1984 Oct;31(10):498-506 (Eng. Abstr.) **(Ger)**

[Ring external fixation--modification and expansion of AO external fixation] Böddeker W, et al. **Chirurg** 1984 Nov; 55(11):773-4 **(Ger)**

[Possibility of the para-articular finger fractures with external minifixation] Asche G. **Handchir Mikrochir Plast Chir** 1984 Sep;16(3):192-5 (Eng. Abstr.) **(Ger)**

[Mechanical properties of Ilizarov's external fixator] Boman B, et al. **Helv Chir Acta** 1985 Apr;52(1):123-6 (Eng. Abstr.) **(Ger)**

[External fixation of wood as an example of an adapted technic] Domres B, et al. **Langenbecks Arch Chir** 1984; 364:331-4 (Eng. Abstr.) **(Ger)**

[Surgical indications and choice of procedure in distal radius fractures--wire, plates, external fixation] Faupel L, et al. **Unfallchirurgie** 1984 Oct;10(5):245-9 (Eng. Abstr.) **(Ger)**

[Treatment of fractures of the cervical spine with external halo fixation] Erdweg W, et al. **Zentralbl Chir** 1985; 110(10):599-606 (Eng. Abstr.) **(Ger)**

[External fixation of the cervical vertebrae with the halo-yoke system] Hähnel H, et al. **Zentralbl Chir** 1984; 109(20):1327-34 **(Ger)**

[New direct bonding bracket for oral surgery] Yoshimasu H, et al. **Kokubyo Gakkai Zasshi** 1984 Sep;51(3):604-9 **(Jpn)**

[Fatigue performance of Hoffmann-Vidal external fixator] Shiba R, et al. **Nippon Seikeigeka Gakkai Zasshi** 1984 Oct; 58(10):1003-12 (Eng. Abstr.) **(Jpn)**

[Device for surgical treatment of leg fractures] Abolina AE, et al. **Ortop Travmatol Protez** 1984 Sep;(9):53 **(Rus)**

[An apparatus for treating fractures of the phalanges of the fingers] Andruson MV, et al. **Ortop Travmatol Protez** 1984 Aug;(8):61-3 **(Rus)**

[An apparatus for arthroplasty of the interphalangeal joints and synthesis of the phalanges of the fingers] Nettov GG. **Ortop Travmatol Protez** 1984 Aug;(8):63-4 **(Rus)**

METHODS

Fractures of the calcaneus. A comparison of open and closed treatment. Järvholm U, et al. **Acta Orthop Scand** 1984 Dec; 55(6):652-6

Open v closed reduction of the fractured nose. Murray JA, et al. **Arch Otolaryngol** 1984 Dec;110(12):797-802

Supracondylar fractures of the femur: results of treatment of 61 patients. Halpenny J, et al. **Can J Surg** 1984 Nov; 27(6):606-9

Fracture of the hook of the hamate. Schlosser H, et al. **Can J Surg** 1984 Nov;27(6):587-9

Fractured shaft of femur. Robertson CR. **Cent Afr J Med** 1968 May;14(5):97-103

Treatment of femoral shaft fractures associated with acute spinal cord injuries. Garland DE, et al. **Clin Orthop** 1985 Jul-Aug;(197):191-5

External fixation for the uninfected angulated nonunion of the tibia. Green SA, et al. **Clin Orthop** 1984 Nov; (190):204-11

Results of pulsed electromagnetic fields (PEMFs) in ununited fractures after external skeletal fixation. Marcer M, et al. **Clin Orthop** 1984 Nov;(190):260-5

Ankle fracture treated with the AO principle--an experience with 116 cases. Mak KH, et al. **Injury** 1985 Jan;16(4):265-72

The thermal effects of skeletal fixation-pin insertion in bone. Matthews LS, et al. **J Bone Joint Surg [Am]** 1984 Sep; 66(7):1077-83

Treatment of unstable fractures of the distal radius by external fixation. Vaughan PA, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):385-9

A suggested method of fixation in supracondylar fracture. Chattopadhyay A. **J Indian Med Assoc** 1984 Jun; 82(6):204-5

Lateral humeral condylar fractures in children. Foster DE, et al. **J Pediatr Orthop** 1985 Jan-Feb;5(1):16-22

Severe tetanus complicating an open femoral fracture successfully managed using intrathecal human tetanus immunoglobulin and external fixation. Henderson A, et al. **J R Army Med Corps** 1984 Oct;130(3):185-7

A clinical study of 197 cases of fracture of carpal scaphoid bone treated by paper plates with pressure padding. Duan SR, et al. **J Tradit Chin Med** 1984 Dec;4(4):313-20

On conservative treatment of subcapital fractures of the fifth

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